

ANALYTICAL REPORT

Job Number: 460-31258-1

Job Description: GM Wilmington

For:

Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304
Attention: Ms. Sue Scrocchi



Approved for release.
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10/25/2011 10:43 PM

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10/25/2011

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-31258-1

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

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

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

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

RECEIPT

The samples were received on 09/16/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.9 C, 2.1 C.

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

TOTAL METALS

Samples 460-31258-1 through 460-31258-3 and 460-31258-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 09/21/2011 and analyzed on 09/22/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-31258-1 through 460-31258-3 and 460-31258-5 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 09/21/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-31258-1 through 460-31258-3 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/20/2011 and 09/21/2011 and analyzed on 09/21/2011 and 09/22/2011.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-31258-1 through 460-31258-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/24/2011.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 87263 were outside control limits for 1,1,2,2-Tetrachloroethane and Trichloroethene. The MS recoveries were also outside control limits for Carbon disulfide, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene and Chlorodibromomethane. The associated laboratory control sample (LCS) recoveries met acceptance criteria. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM)

Samples 460-31258-1 through 460-31258-3 and 460-31258-5 were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) in accordance with EPA SW-846 Method 8270C SIM. The samples were prepared on 09/20/2011 and analyzed on 09/25/2011.

No difficulties were encountered during the SIM analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-31258-1 through 460-31258-3 and 460-31258-5 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/20/2011 and analyzed on 09/21/2011.

The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 86593 exceeded control limits for the following analytes: Benzaldehyde.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-31258-1	GW-17338-091611-MM-01	Water	09/16/2011 0830	09/16/2011 1945
460-31258-2	GW-17338-091611-MM-02	Water	09/16/2011 1050	09/16/2011 1945
460-31258-3	GW-17338-091611-MM-03	Water	09/16/2011 1215	09/16/2011 1945
460-31258-4TB	TB-17338-091611-MM-04	Water	09/16/2011 0000	09/16/2011 1945
460-31258-5FB	FB-17338-091611-MM-05	Water	09/16/2011 0730	09/16/2011 1945

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31258-1	GW-17338-091611-MM-01					
Toluene		0.29	J	1.0	ug/L	8260B
Tetrachloroethene		0.50	J	1.0	ug/L	8260B
Aluminum		5870		200	ug/L	6010B
Barium		70.1	J	200	ug/L	6010B
Calcium		43000		5000	ug/L	6010B
Chromium		14.0		10.0	ug/L	6010B
Iron		4350		150	ug/L	6010B
Lead		2.9	J	5.0	ug/L	6010B
Magnesium		9690		5000	ug/L	6010B
Manganese		30.7		15.0	ug/L	6010B
Nickel		4.7	J	40.0	ug/L	6010B
Potassium		9010		5000	ug/L	6010B
Silver		1.1	J	10.0	ug/L	6010B
Sodium		139000		5000	ug/L	6010B
Vanadium		22.5	J	50.0	ug/L	6010B
Zinc		16.4	J	30.0	ug/L	6010B
<i>Dissolved</i>						
Aluminum		329		200	ug/L	6010B
Arsenic		3.9	J	5.0	ug/L	6010B
Barium		48.7	J	200	ug/L	6010B
Calcium		40000		5000	ug/L	6010B
Chromium		10.1		10.0	ug/L	6010B
Iron		3590		150	ug/L	6010B
Lead		5.7		5.0	ug/L	6010B
Magnesium		9230		5000	ug/L	6010B
Manganese		23.5		15.0	ug/L	6010B
Nickel		4.5	J	40.0	ug/L	6010B
Potassium		8580		5000	ug/L	6010B
Sodium		138000		5000	ug/L	6010B
Vanadium		7.4	J	50.0	ug/L	6010B
Zinc		7.8	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31258-2	GW-17338-091611-MM-02					
Methyl tert-butyl ether		0.40	J	1.0	ug/L	8260B
Chloroform		0.35	J	1.0	ug/L	8260B
Tetrachloroethene		0.87	J	1.0	ug/L	8260B
PCB-1260		3.5		0.59	ug/L	8082
Aluminum		35300		200	ug/L	6010B
Barium		317		200	ug/L	6010B
Calcium		122000		5000	ug/L	6010B
Chromium		59.0		10.0	ug/L	6010B
Cobalt		14.6	J	50.0	ug/L	6010B
Copper		25.0		25.0	ug/L	6010B
Iron		25700		150	ug/L	6010B
Lead		14.3		5.0	ug/L	6010B
Magnesium		10300		5000	ug/L	6010B
Manganese		437		15.0	ug/L	6010B
Nickel		36.6	J	40.0	ug/L	6010B
Potassium		14100		5000	ug/L	6010B
Sodium		73500		5000	ug/L	6010B
Vanadium		53.5		50.0	ug/L	6010B
Zinc		52.2		30.0	ug/L	6010B
<i>Dissolved</i>						
Aluminum		362		200	ug/L	6010B
Barium		118	J	200	ug/L	6010B
Calcium		66000		5000	ug/L	6010B
Copper		3.8	J	25.0	ug/L	6010B
Magnesium		2840	J	5000	ug/L	6010B
Potassium		7180		5000	ug/L	6010B
Sodium		54600		5000	ug/L	6010B
Vanadium		6.0	J	50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31258-3	GW-17338-091611-MM-03					
cis-1,2-Dichloroethene		0.43	J	1.0	ug/L	8260B
Trichloroethene		0.74	J	1.0	ug/L	8260B
Tetrachloroethene		8.9		1.0	ug/L	8260B
PCB-1260		2.4		0.56	ug/L	8082
Aluminum		22500		200	ug/L	6010B
Barium		127	J	200	ug/L	6010B
Beryllium		0.95	J	2.0	ug/L	6010B
Calcium		26300		5000	ug/L	6010B
Chromium		29.9		10.0	ug/L	6010B
Cobalt		17.4	J	50.0	ug/L	6010B
Copper		9.2	J	25.0	ug/L	6010B
Iron		42300		150	ug/L	6010B
Lead		8.6		5.0	ug/L	6010B
Magnesium		5540		5000	ug/L	6010B
Manganese		498		15.0	ug/L	6010B
Nickel		20.6	J	40.0	ug/L	6010B
Potassium		3980	J	5000	ug/L	6010B
Sodium		10200		5000	ug/L	6010B
Vanadium		44.3	J	50.0	ug/L	6010B
Zinc		32.7		30.0	ug/L	6010B
<i>Dissolved</i>						
Barium		51.1	J	200	ug/L	6010B
Calcium		28800		5000	ug/L	6010B
Magnesium		5090		5000	ug/L	6010B
Manganese		129		15.0	ug/L	6010B
Potassium		3740	J	5000	ug/L	6010B
Sodium		11800		5000	ug/L	6010B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Semivolatile Organic Compounds (GC/MS SIM)	TAL EDI	SW846 8270C SIM	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) (GC)	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Sample Filtration, Field			FIELD_FLTRD
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Sample Filtration, Field			FIELD_FLTRD

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method	Analyst	Analyst ID
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Shalayda, Monica	MS
SW846 8270C SIM	Zhao, Chunxin	CZ
SW846 8082	Damarapu, Shanthi	SD
SW846 8082	Kapoor, Sita	SK
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Sheikh, Razia B	RBS

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03929.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0650			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	0.29	J	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	0.50	J	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03929.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0650			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 122
4-Bromofluorobenzene	106		69 - 135
Toluene-d8 (Surr)	92		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87263

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j03929.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 09/24/2011 0650

Final Weight/Volume: 5 mL

Prep Date: 09/24/2011 0650

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03930.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0716			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	0.40	J	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	0.35	J	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	0.87	J	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03930.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0716			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 122
4-Bromofluorobenzene	112		69 - 135
Toluene-d8 (Surr)	97		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87263

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j03930.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 09/24/2011 0716

Final Weight/Volume: 5 mL

Prep Date: 09/24/2011 0716

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03931.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0741			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0741				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.43	J	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	0.74	J	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	8.9		0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03931.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0741			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0741				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 122
4-Bromofluorobenzene	113		69 - 135
Toluene-d8 (Surr)	93		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87263

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j03931.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 09/24/2011 0741

Final Weight/Volume: 5 mL

Prep Date: 09/24/2011 0741

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: TB-17338-091611-MM-04

Lab Sample ID: 460-31258-4TB

Date Sampled: 09/16/2011 0000

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03927.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0600			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0600				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: TB-17338-091611-MM-04

Lab Sample ID: 460-31258-4TB

Date Sampled: 09/16/2011 0000

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03927.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0600			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0600				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 122
4-Bromofluorobenzene	103		69 - 135
Toluene-d8 (Surr)	93		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: TB-17338-091611-MM-04

Lab Sample ID: 460-31258-4TB

Date Sampled: 09/16/2011 0000

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87263

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j03927.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 09/24/2011 0600

Final Weight/Volume: 5 mL

Prep Date: 09/24/2011 0600

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Date Sampled: 09/16/2011 0730

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03928.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0625			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Date Sampled: 09/16/2011 0730

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j03928.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0625			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 122
4-Bromofluorobenzene	116		69 - 135
Toluene-d8 (Surr)	99		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Date Sampled: 09/16/2011 0730

Client Matrix: Water

Date Received: 09/16/2011 1945

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87263

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j03928.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 09/24/2011 0625

Final Weight/Volume: 5 mL

Prep Date: 09/24/2011 0625

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10050.d
Dilution:	1.0			Initial Weight/Volume:	920 mL
Analysis Date:	09/21/2011 1437			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	11	U	3.0	11
Phenol	11	U	0.88	11
2,4,6-Trichlorophenol	11	U	2.6	11
Bis(2-chloroethyl)ether	1.1	U	0.30	1.1
2,4-Dichlorophenol	11	U	2.8	11
2-Chlorophenol	11	U	2.4	11
2,4-Dinitrotoluene	2.2	U	0.51	2.2
2,2'-oxybis[1-chloropropane]	11	U	2.2	11
Acetophenone	11	U	2.9	11
2-Methylnaphthalene	11	U	3.3	11
4-Methylphenol	11	U	1.7	11
2-Methylphenol	11	U	2.0	11
2-Nitroaniline	22	U	5.3	22
Hexachloroethane	1.1	U	0.27	1.1
Nitrobenzene	1.1	U	0.33	1.1
4-Chloro-3-methylphenol	11	U	2.7	11
Isophorone	11	U	2.9	11
2-Nitrophenol	11	U	2.6	11
4-Chlorophenyl phenyl ether	11	U	2.7	11
2,4-Dimethylphenol	11	U	3.7	11
4-Nitroaniline	22	U	6.3	22
4-Nitrophenol	33	U	7.3	33
Bis(2-chloroethoxy)methane	11	U	2.8	11
Atrazine	11	U	3.3	11
Naphthalene	11	U	2.9	11
Benzaldehyde	11	U *	2.2	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.2	U	0.62	2.2
Benzo[k]fluoranthene	1.1	U	0.28	1.1
Caprolactam	11	U	2.7	11
Carbazole	11	U	3.5	11
Hexachlorocyclopentadiene	11	U	1.8	11
Dibenz(a,h)anthracene	1.1	U	0.098	1.1
2,4,5-Trichlorophenol	11	U	2.8	11
Dimethyl phthalate	11	U	3.0	11
2-Chloronaphthalene	11	U	2.9	11
Fluoranthene	11	U	3.5	11
Fluorene	11	U	3.0	11
2,6-Dinitrotoluene	2.2	U	0.66	2.2
Acenaphthylene	11	U	2.9	11
3-Nitroaniline	22	U	5.4	22
N-Nitrosodi-n-propylamine	1.1	U	0.27	1.1
Acenaphthene	11	U	2.9	11
2,4-Dinitrophenol	33	U	5.9	33
Dibenzofuran	11	U	3.0	11
Diethyl phthalate	11	U	3.2	11

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10050.d
Dilution:	1.0			Initial Weight/Volume:	920 mL
Analysis Date:	09/21/2011 1437			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	33	U	5.1	33
N-Nitrosodiphenylamine	11	U	3.2	11
4-Bromophenyl phenyl ether	11	U	2.7	11
Phenanthrene	11	U	3.4	11
Anthracene	11	U	3.0	11
Di-n-butyl phthalate	11	U	3.2	11
Pyrene	11	U	3.2	11
Butyl benzyl phthalate	11	U	2.7	11
3,3'-Dichlorobenzidine	22	U	5.3	22
Chrysene	11	U	3.4	11
Bis(2-ethylhexyl) phthalate	11	U	2.2	11
Di-n-octyl phthalate	11	U	1.6	11
Indeno[1,2,3-cd]pyrene	1.1	U	0.16	1.1
Benzo[g,h,i]perylene	11	U	2.2	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77		46 - 122
2-Fluorobiphenyl	70		53 - 108
2-Fluorophenol (Surr)	36		10 - 65
Nitrobenzene-d5 (Surr)	73		56 - 112
Phenol-d5 (Surr)	23		10 - 48
Terphenyl-d14 (Surr)	80		50 - 122

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-87212

Instrument ID: BNAMS11

Prep Method: 3510C

Prep Batch: 460-86593

Lab File ID: z10050.d

Dilution: 1.0

Initial Weight/Volume: 920 mL

Analysis Date: 09/21/2011 1437

Final Weight/Volume: 2 mL

Prep Date: 09/20/2011 0747

Injection Volume: 1 uL

Tentatively Identified Compounds**Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
111-76-2	Ethanol, 2-butoxy-	2.87	12	J N
112-34-5	Ethanol, 2-(2-butoxyethoxy)-	5.10	9.8	J N
	Unknown	6.41	21	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10051.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/21/2011 1502			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	2.8	10
Phenol	10	U	0.81	10
2,4,6-Trichlorophenol	10	U	2.4	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,4-Dichlorophenol	10	U	2.6	10
2-Chlorophenol	10	U	2.2	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
Acetophenone	10	U	2.7	10
2-Methylnaphthalene	10	U	3.0	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.8	10
2-Nitroaniline	20	U	4.9	20
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	2.5	10
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
2,4-Dimethylphenol	10	U	3.4	10
4-Nitroaniline	20	U	5.8	20
4-Nitrophenol	30	U	6.7	30
Bis(2-chloroethoxy)methane	10	U	2.6	10
Atrazine	10	U	3.0	10
Naphthalene	10	U	2.7	10
Benzaldehyde	10	U *	2.0	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Caprolactam	10	U	2.5	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
Fluoranthene	10	U	3.2	10
Fluorene	10	U	2.8	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.0	20
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10051.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/21/2011 1502			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Benzo[g,h,i]perylene	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	78		46 - 122
2-Fluorobiphenyl	79		53 - 108
2-Fluorophenol (Surr)	40		10 - 65
Nitrobenzene-d5 (Surr)	83		56 - 112
Phenol-d5 (Surr)	25		10 - 48
Terphenyl-d14 (Surr)	84		50 - 122

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10051.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/21/2011 1502			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Tentatively Identified Compounds**Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
121-33-5	Vanillin	6.40	35	J N
	Unknown-1	9.90	17	J
68002-20-0	Hexa(methoxymethyl)melamine	10.77	17	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10052.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/21/2011 1527			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	2.8	10
Phenol	10	U	0.81	10
2,4,6-Trichlorophenol	10	U	2.4	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,4-Dichlorophenol	10	U	2.6	10
2-Chlorophenol	10	U	2.2	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
Acetophenone	10	U	2.7	10
2-Methylnaphthalene	10	U	3.0	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.8	10
2-Nitroaniline	20	U	4.9	20
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	2.5	10
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
2,4-Dimethylphenol	10	U	3.4	10
4-Nitroaniline	20	U	5.8	20
4-Nitrophenol	30	U	6.7	30
Bis(2-chloroethoxy)methane	10	U	2.6	10
Atrazine	10	U	3.0	10
Naphthalene	10	U	2.7	10
Benzaldehyde	10	U *	2.0	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Caprolactam	10	U	2.5	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
Fluoranthene	10	U	3.2	10
Fluorene	10	U	2.8	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.0	20
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10052.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/21/2011 1527			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Benzo[g,h,i]perylene	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	85		46 - 122
2-Fluorobiphenyl	82		53 - 108
2-Fluorophenol (Surr)	41		10 - 65
Nitrobenzene-d5 (Surr)	84		56 - 112
Phenol-d5 (Surr)	26		10 - 48
Terphenyl-d14 (Surr)	87		50 - 122

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-87212

Instrument ID: BNAMS11

Prep Method: 3510C

Prep Batch: 460-86593

Lab File ID: z10052.d

Dilution: 1.0

Initial Weight/Volume: 1000 mL

Analysis Date: 09/21/2011 1527

Final Weight/Volume: 2 mL

Prep Date: 09/20/2011 0747

Injection Volume: 1 uL

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Client Matrix: Water

Date Sampled: 09/16/2011 0730

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10053.d
Dilution:	1.0			Initial Weight/Volume:	720 mL
Analysis Date:	09/21/2011 1552			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	14	U	3.9	14
Phenol	14	U	1.1	14
2,4,6-Trichlorophenol	14	U	3.3	14
Bis(2-chloroethyl)ether	1.4	U	0.39	1.4
2,4-Dichlorophenol	14	U	3.6	14
2-Chlorophenol	14	U	3.1	14
2,4-Dinitrotoluene	2.8	U	0.65	2.8
2,2'-oxybis[1-chloropropane]	14	U	2.8	14
Acetophenone	14	U	3.8	14
2-Methylnaphthalene	14	U	4.2	14
4-Methylphenol	14	U	2.2	14
2-Methylphenol	14	U	2.5	14
2-Nitroaniline	28	U	6.8	28
Hexachloroethane	1.4	U	0.35	1.4
Nitrobenzene	1.4	U	0.42	1.4
4-Chloro-3-methylphenol	14	U	3.5	14
Isophorone	14	U	3.8	14
2-Nitrophenol	14	U	3.3	14
4-Chlorophenyl phenyl ether	14	U	3.5	14
2,4-Dimethylphenol	14	U	4.7	14
4-Nitroaniline	28	U	8.1	28
4-Nitrophenol	42	U	9.3	42
Bis(2-chloroethoxy)methane	14	U	3.6	14
Atrazine	14	U	4.2	14
Naphthalene	14	U	3.8	14
Benzaldehyde	14	U *	2.8	14
4-Chloroaniline	14	U	2.8	14
Hexachlorobutadiene	2.8	U	0.79	2.8
Benzo[k]fluoranthene	1.4	U	0.36	1.4
Caprolactam	14	U	3.5	14
Carbazole	14	U	4.4	14
Hexachlorocyclopentadiene	14	U	2.4	14
Dibenz(a,h)anthracene	1.4	U	0.13	1.4
2,4,5-Trichlorophenol	14	U	3.6	14
Dimethyl phthalate	14	U	3.9	14
2-Chloronaphthalene	14	U	3.8	14
Fluoranthene	14	U	4.4	14
Fluorene	14	U	3.9	14
2,6-Dinitrotoluene	2.8	U	0.85	2.8
Acenaphthylene	14	U	3.8	14
3-Nitroaniline	28	U	6.9	28
N-Nitrosodi-n-propylamine	1.4	U	0.35	1.4
Acenaphthene	14	U	3.8	14
2,4-Dinitrophenol	42	U	7.5	42
Dibenzofuran	14	U	3.9	14
Diethyl phthalate	14	U	4.0	14

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Date Sampled: 09/16/2011 0730

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	z10053.d
Dilution:	1.0			Initial Weight/Volume:	720 mL
Analysis Date:	09/21/2011 1552			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	42	U	6.5	42
N-Nitrosodiphenylamine	14	U	4.0	14
4-Bromophenyl phenyl ether	14	U	3.5	14
Phenanthrene	14	U	4.3	14
Anthracene	14	U	3.9	14
Di-n-butyl phthalate	14	U	4.0	14
Pyrene	14	U	4.0	14
Butyl benzyl phthalate	14	U	3.5	14
3,3'-Dichlorobenzidine	28	U	6.8	28
Chrysene	14	U	4.3	14
Bis(2-ethylhexyl) phthalate	14	U	2.8	14
Di-n-octyl phthalate	14	U	2.1	14
Indeno[1,2,3-cd]pyrene	1.4	U	0.21	1.4
Benzo[g,h,i]perylene	14	U	2.8	14

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	76		46 - 122
2-Fluorobiphenyl	81		53 - 108
2-Fluorophenol (Surr)	38		10 - 65
Nitrobenzene-d5 (Surr)	85		56 - 112
Phenol-d5 (Surr)	25		10 - 48
Terphenyl-d14 (Surr)	81		50 - 122

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Date Sampled: 09/16/2011 0730

Client Matrix: Water

Date Received: 09/16/2011 1945

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-87212

Instrument ID: BNAMS11

Prep Method: 3510C

Prep Batch: 460-86593

Lab File ID: z10053.d

Dilution: 1.0

Initial Weight/Volume: 720 mL

Analysis Date: 09/21/2011 1552

Final Weight/Volume: 2 mL

Prep Date: 09/20/2011 0747

Injection Volume: 1 uL

Tentatively Identified Compounds**Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

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

Analysis Method:	8270C SIM	Analysis Batch:	460-87284	Instrument ID:	BNAMS9
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	h96753.d
Dilution:	1.0			Initial Weight/Volume:	920 mL
Analysis Date:	09/25/2011 1500			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.054	U	0.022	0.054
Benzo[a]pyrene	0.054	U	0.033	0.054
Benzo[b]fluoranthene	0.054	U	0.043	0.054
Pentachlorophenol	0.22	U	0.15	0.22
Hexachlorobenzene	0.022	U	0.011	0.022

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

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

Analysis Method:	8270C SIM	Analysis Batch:	460-87284	Instrument ID:	BNAMS9
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	h96754.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/25/2011 1525			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

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

Analysis Method:	8270C SIM	Analysis Batch:	460-87284	Instrument ID:	BNAMS9
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	h96755.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	09/25/2011 1551			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Date Sampled: 09/16/2011 0730

Client Matrix: Water

Date Received: 09/16/2011 1945

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

Analysis Method:	8270C SIM	Analysis Batch:	460-87284	Instrument ID:	BNAMS9
Prep Method:	3510C	Prep Batch:	460-86593	Lab File ID:	h96756.d
Dilution:	1.0			Initial Weight/Volume:	720 mL
Analysis Date:	09/25/2011 1617			Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.069	U	0.028	0.069
Benzo[a]pyrene	0.069	U	0.042	0.069
Benzo[b]fluoranthene	0.069	U	0.056	0.069
Pentachlorophenol	0.28	U	0.19	0.28
Hexachlorobenzene	0.028	U	0.014	0.028

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-87099	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-86756	Initial Weight/Volume:	900 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/22/2011 1629			Injection Volume:	
Prep Date:	09/21/2011 1317			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.14	0.56
PCB-1221	0.56	U	0.31	0.56
PCB-1232	0.56	U	0.13	0.56
PCB-1242	0.56	U	0.13	0.56
PCB-1248	0.56	U	0.27	0.56
PCB-1254	0.56	U	0.19	0.56
PCB-1260	0.56	U	0.17	0.56

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-87099	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-86756	Initial Weight/Volume:	900 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/22/2011 1629			Injection Volume:	
Prep Date:	09/21/2011 1317			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-86903	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-86701	Initial Weight/Volume:	845 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0236			Injection Volume:	
Prep Date:	09/20/2011 1652			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.59	U	0.15	0.59
PCB-1221	0.59	U	0.33	0.59
PCB-1232	0.59	U	0.14	0.59
PCB-1242	0.59	U	0.14	0.59
PCB-1248	0.59	U	0.28	0.59
PCB-1254	0.59	U	0.20	0.59
PCB-1260	3.5		0.18	0.59

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-86903	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-86701	Initial Weight/Volume:	845 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0236			Injection Volume:	
Prep Date:	09/20/2011 1652			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	53		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-86903	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-86701	Initial Weight/Volume:	890 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0252			Injection Volume:	
Prep Date:	09/20/2011 1652			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.15	0.56
PCB-1221	0.56	U	0.31	0.56
PCB-1232	0.56	U	0.13	0.56
PCB-1242	0.56	U	0.13	0.56
PCB-1248	0.56	U	0.27	0.56
PCB-1254	0.56	U	0.19	0.56
PCB-1260	2.4		0.17	0.56

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	39		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-86903	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-86701	Initial Weight/Volume:	890 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/21/2011 0252			Injection Volume:	
Prep Date:	09/20/2011 1652			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	37		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-87983	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-87869	Lab File ID:	09302011A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/30/2011 2206			Final Weight/Volume:	100 mL
Prep Date:	09/30/2011 1154				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	5870		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	70.1	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	43000		72.2	5000
Chromium	14.0		3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	4350		40.2	150
Lead	2.9	J	2.8	5.0
Magnesium	9690		56.9	5000
Manganese	30.7		2.5	15.0
Nickel	4.7	J	3.5	40.0
Potassium	9010		209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.1	J	0.97	10.0
Sodium	139000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	22.5	J	2.0	50.0
Zinc	16.4	J	5.8	30.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-87008	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-86800	Lab File ID:	09222011.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/22/2011 1258			Final Weight/Volume:	100 mL
Prep Date:	09/21/2011 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	329		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	3.9	J	3.8	5.0
Barium	48.7	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	40000		72.2	5000
Chromium	10.1		3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	3590		40.2	150
Lead	5.7		2.8	5.0
Magnesium	9230		56.9	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Date Sampled: 09/16/2011 0830

Client Matrix: Water

Date Received: 09/16/2011 1945

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Manganese	23.5		2.5	15.0
Nickel	4.5	J	3.5	40.0
Potassium	8580		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	138000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	7.4	J	2.0	50.0
Zinc	7.8	J	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-88399	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-88373	Lab File ID:	88358hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/05/2011 1518			Final Weight/Volume:	30 mL
Prep Date:	10/05/2011 1306				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-86825	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-86793	Lab File ID:	86785hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	09/21/2011 1425			Final Weight/Volume:	30 mL
Prep Date:	09/21/2011 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-87983	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-87869	Lab File ID:	09302011A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/30/2011 2225			Final Weight/Volume:	100 mL
Prep Date:	09/30/2011 1154				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	35300		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	317		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	122000		72.2	5000
Chromium	59.0		3.2	10.0
Cobalt	14.6	J	2.8	50.0
Copper	25.0		3.6	25.0
Iron	25700		40.2	150
Lead	14.3		2.8	5.0
Magnesium	10300		56.9	5000
Manganese	437		2.5	15.0
Nickel	36.6	J	3.5	40.0
Potassium	14100		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	73500		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	53.5		2.0	50.0
Zinc	52.2		5.8	30.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-87008	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-86800	Lab File ID:	09222011.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/22/2011 1302			Final Weight/Volume:	100 mL
Prep Date:	09/21/2011 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	362		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	118	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	66000		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	3.8	J	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	2840	J	56.9	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Date Sampled: 09/16/2011 1050

Client Matrix: Water

Date Received: 09/16/2011 1945

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	7180		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	54600		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	6.0	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-88399	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-88373	Lab File ID:	88358hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/05/2011 1520			Final Weight/Volume:	30 mL
Prep Date:	10/05/2011 1306				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-86825	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-86793	Lab File ID:	86785hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	09/21/2011 1427			Final Weight/Volume:	30 mL
Prep Date:	09/21/2011 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-87983	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-87869	Lab File ID:	09302011A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/30/2011 2228			Final Weight/Volume:	100 mL
Prep Date:	09/30/2011 1154				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	22500		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	127	J	3.2	200
Beryllium	0.95	J	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	26300		72.2	5000
Chromium	29.9		3.2	10.0
Cobalt	17.4	J	2.8	50.0
Copper	9.2	J	3.6	25.0
Iron	42300		40.2	150
Lead	8.6		2.8	5.0
Magnesium	5540		56.9	5000
Manganese	498		2.5	15.0
Nickel	20.6	J	3.5	40.0
Potassium	3980	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	10200		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	44.3	J	2.0	50.0
Zinc	32.7		5.8	30.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-87008	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-86800	Lab File ID:	09222011.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/22/2011 1306			Final Weight/Volume:	100 mL
Prep Date:	09/21/2011 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	51.1	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	28800		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5090		56.9	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Date Sampled: 09/16/2011 1215

Client Matrix: Water

Date Received: 09/16/2011 1945

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Manganese	129		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3740	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	11800		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-88399	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-88373	Lab File ID:	88358hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	10/05/2011 1522			Final Weight/Volume:	30 mL
Prep Date:	10/05/2011 1306				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-86825	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-86793	Lab File ID:	86785hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	09/21/2011 1429			Final Weight/Volume:	30 mL
Prep Date:	09/21/2011 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5FB

Date Sampled: 09/16/2011 0730

Client Matrix: Water

Date Received: 09/16/2011 1945

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-87008	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-86800	Lab File ID:	09222011.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/22/2011 1310			Final Weight/Volume:	100 mL
Prep Date:	09/21/2011 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-86825	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-86793	Lab File ID:	86785hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	09/21/2011 1431			Final Weight/Volume:	30 mL
Prep Date:	09/21/2011 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Surrogate Recovery Report**8260B Volatile Organics (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-31258-1	GW-17338-091611-M M-01	95	92	106
460-31258-2	GW-17338-091611-M M-02	95	97	112
460-31258-3	GW-17338-091611-M M-03	93	93	113
460-31258-4	TB-17338-091611-M M-04	92	93	103
460-31258-5	FB-17338-091611-M M-05	94	99	116
MB 460-87263/4		95	100	111
LCS 460-87263/3		102	99	101
460-31258-1 MS	GW-17338-091611-M M-01 MS	99	97	101
460-31258-1 MSD	GW-17338-091611-M M-01 MSD	93	97	98

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Surrogate Recovery Report**8270C Semivolatile Organics (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-31258-1	GW-17338-091611-M M-01	36	23	73	70	77	80
460-31258-2	GW-17338-091611-M M-02	40	25	83	79	78	84
460-31258-3	GW-17338-091611-M M-03	41	26	84	82	85	87
460-31258-5	FB-17338-091611-M M-05	38	25	85	81	76	81
MB 460-86593/1-A		46	30	87	82	80	85
LCS 460-86593/2-A		40	23	88	88	84	86
LCSD 460-86593/3-A		39	22	86	85	80	80

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	10-65
PHL = Phenol-d5 (Surr)	10-48
NBZ = Nitrobenzene-d5 (Surr)	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol (Surr)	46-122
TPH = Terphenyl-d14 (Surr)	50-122

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Surrogate Recovery Report**8082 Polychlorinated Biphenyls (PCBs) (GC)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-31258-1	GW-17338-091611-M M-01	98	95
460-31258-2	GW-17338-091611-M M-02	57	53
460-31258-3	GW-17338-091611-M M-03	39	37
MB 460-86701/1-A		104	96
MB 460-86756/1-A		55	52
LCS 460-86701/2-A		100	94
LCS 460-86756/2-A		70	65
LCSD 460-86701/3-A		106	98
LCSD 460-86756/3-A		74	69

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-87263

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 460-87263/4	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03918.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0214	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0214				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-87263

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 460-87263/4	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03918.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0214	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0214				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 122
4-Bromofluorobenzene	111	69 - 135
Toluene-d8 (Surr)	100	69 - 125

Method Blank TICs- Batch: 460-87263

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Control Sample - Batch: 460-87263

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-87263/3	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03916.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0124	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0124				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	18.9	95	74 - 128	
Dichlorodifluoromethane	20.0	11.5	57	46 - 145	
Chloromethane	20.0	12.5	62	58 - 146	
Vinyl chloride	20.0	14.5	73	61 - 144	
Bromomethane	20.0	12.8	64	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	19.9	100	70 - 116	
1,2-Dichlorobenzene	20.0	18.4	92	82 - 122	
Trichlorofluoromethane	20.0	14.8	74	69 - 147	
1,1-Dichloroethene	20.0	18.2	91	56 - 139	
1,2-Dichloropropane	20.0	19.7	98	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.4	97	47 - 139	
Acetone	20.0	13.7	69	45 - 156	
Carbon disulfide	20.0	16.8	84	58 - 139	
Methyl acetate	20.0	16.6	83	50 - 151	
Methylene Chloride	20.0	18.9	95	79 - 119	
trans-1,2-Dichloroethene	20.0	17.5	87	75 - 122	
Chlorodibromomethane	20.0	18.8	94	80 - 120	
Methyl tert-butyl ether	20.0	19.1	96	71 - 115	
Chloroethane	20.0	16.0	80	69 - 145	
1,1-Dichloroethane	20.0	19.7	98	78 - 122	
cis-1,2-Dichloroethene	20.0	18.9	94	80 - 120	
2-Butanone (MEK)	20.0	18.5	92	65 - 114	
Chloroform	20.0	19.3	96	82 - 123	
Ethylbenzene	20.0	19.2	96	79 - 126	
Cyclohexane	20.0	19.9	100	58 - 133	
Carbon tetrachloride	20.0	18.9	95	73 - 120	
Benzene	20.0	19.2	96	83 - 124	
1,2-Dichloroethane	20.0	21.3	106	74 - 118	
Trichloroethene	20.0	18.0	90	78 - 119	
Methylcyclohexane	20.0	20.0	100	61 - 129	
Dichlorobromomethane	20.0	19.2	96	79 - 119	
cis-1,3-Dichloropropene	20.0	19.4	97	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	21.1	106	53 - 120	
Toluene	20.0	19.1	96	80 - 120	
trans-1,3-Dichloropropene	20.0	20.3	102	78 - 118	
1,1,2-Trichloroethane	20.0	20.4	102	79 - 119	
Tetrachloroethene	20.0	18.5	92	68 - 139	
2-Hexanone	20.0	20.1	101	53 - 121	
1,2-Dibromoethane	20.0	19.3	96	78 - 118	
Chlorobenzene	20.0	18.4	92	81 - 121	
Styrene	20.0	18.8	94	69 - 112	
Bromoform	20.0	19.4	97	73 - 123	
Isopropylbenzene	20.0	20.1	100	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	19.3	97	74 - 126	
1,3-Dichlorobenzene	20.0	19.5	97	81 - 126	
1,4-Dichlorobenzene	20.0	18.6	93	83 - 123	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Control Sample - Batch: 460-87263

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-87263/3	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03916.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0124	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0124				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	21.4	107	66 - 120	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		102		70 - 122	
4-Bromofluorobenzene		101		69 - 135	
Toluene-d8 (Surr)		99		69 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87263

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-31258-1	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03924.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0445			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0445				
Leach Date:	N/A				

MSD Lab Sample ID:	460-31258-1	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03925.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0510			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0510				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	97	96	74 - 128	1	30		
Dichlorodifluoromethane	79	72	46 - 145	10	30		
Chloromethane	77	79	58 - 146	3	30		
Vinyl chloride	95	93	61 - 144	2	30		
Bromomethane	82	77	55 - 153	6	30		
1,2-Dibromo-3-Chloropropane	91	90	70 - 116	1	30		
1,2-Dichlorobenzene	90	88	82 - 122	2	30		
Trichlorofluoromethane	84	81	69 - 147	3	30		
1,1-Dichloroethene	95	95	56 - 139	1	30		
1,2-Dichloropropane	95	93	80 - 120	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	100	97	47 - 139	3	30		
Acetone	116	119	45 - 156	3	30		
Carbon disulfide	55	68	58 - 139	21	30	F	
Methyl acetate	75	61	50 - 151	21	30		
Methylene Chloride	95	93	79 - 119	2	30		
trans-1,2-Dichloroethene	89	89	75 - 122	0	30		
Chlorodibromomethane	77	86	80 - 120	11	30	F	
Methyl tert-butyl ether	86	84	71 - 115	2	30		
Chloroethane	87	88	69 - 145	2	30		
1,1-Dichloroethane	90	86	78 - 122	5	30		
cis-1,2-Dichloroethene	92	93	80 - 120	2	30		
2-Butanone (MEK)	77	78	65 - 114	1	30		
Chloroform	90	93	82 - 123	4	30		
Ethylbenzene	89	91	79 - 126	2	30		
Cyclohexane	93	95	58 - 133	2	30		
Carbon tetrachloride	88	93	73 - 120	6	30		
Benzene	83	88	83 - 124	6	30		
1,2-Dichloroethane	98	99	74 - 118	2	30		
Trichloroethene	146	142	78 - 119	3	30	F	F
Methylcyclohexane	101	91	61 - 129	10	30		
Dichlorobromomethane	86	96	79 - 119	10	30		
cis-1,3-Dichloropropene	66	80	80 - 120	18	30	F	
4-Methyl-2-pentanone (MIBK)	96	93	53 - 120	2	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87263

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-31258-1	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03924.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0445			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0445				
Leach Date:	N/A				

MSD Lab Sample ID:	460-31258-1	Analysis Batch:	460-87263	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j03925.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2011 0510			Final Weight/Volume:	5 mL
Prep Date:	09/24/2011 0510				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	91	93	80 - 120	2	30		
trans-1,3-Dichloropropene	68	81	78 - 118	18	30	F	
1,1,2-Trichloroethane	93	95	79 - 119	3	30		
Tetrachloroethene	93	98	68 - 139	5	30		
2-Hexanone	87	97	53 - 121	11	30		
1,2-Dibromoethane	92	91	78 - 118	2	30		
Chlorobenzene	91	95	81 - 121	4	30		
Styrene	93	96	69 - 112	3	30		
Bromoform	75	89	73 - 123	18	30		
Isopropylbenzene	97	100	80 - 125	3	30		
1,1,2,2-Tetrachloroethane	37	28	74 - 126	29	30	F	F
1,3-Dichlorobenzene	91	99	81 - 126	8	30		
1,4-Dichlorobenzene	96	88	83 - 123	9	30		
1,2,4-Trichlorobenzene	99	100	66 - 120	1	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	99		93		70 - 122		
4-Bromofluorobenzene	101		98		69 - 135		
Toluene-d8 (Surr)	97		97		69 - 125		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87263

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-31258-1 Units: ug/L
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/24/2011 0445
Prep Date: 09/24/2011 0445
Leach Date: N/A

MSD Lab Sample ID: 460-31258-1
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/24/2011 0510
Prep Date: 09/24/2011 0510
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	1.0	U	100	100	96.7	95.8
Dichlorodifluoromethane	1.0	U	100	100	79.1	71.9
Chloromethane	1.0	U	100	100	77.1	79.5
Vinyl chloride	1.0	U	100	100	94.6	92.8
Bromomethane	1.0	U	100	100	81.8	76.7
1,2-Dibromo-3-Chloropropane	1.0	U	100	100	90.8	89.8
1,2-Dichlorobenzene	1.0	U	100	100	90.2	88.0
Trichlorofluoromethane	1.0	U	100	100	84.3	81.5
1,1-Dichloroethene	1.0	U	100	100	95.1	94.5
1,2-Dichloropropane	1.0	U	100	100	94.7	93.5
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	100	100	99.8	96.7
Acetone	10	U	100	100	116	119
Carbon disulfide	1.0	U	100	100	55.0	F 68.0
Methyl acetate	2.0	U	100	100	74.5	60.6
Methylene Chloride	1.0	U	100	100	94.5	92.8
trans-1,2-Dichloroethene	1.0	U	100	100	88.9	88.9
Chlorodibromomethane	1.0	U	100	100	76.9	F 86.1
Methyl tert-butyl ether	1.0	U	100	100	86.4	84.3
Chloroethane	1.0	U	100	100	86.8	88.3
1,1-Dichloroethane	1.0	U	100	100	89.9	85.9
cis-1,2-Dichloroethene	1.0	U	100	100	91.9	93.4
2-Butanone (MEK)	10	U	100	100	77.3	78.2
Chloroform	1.0	U	100	100	90.3	93.5
Ethylbenzene	1.0	U	100	100	89.2	90.6
Cyclohexane	1.0	U	100	100	93.2	95.2
Carbon tetrachloride	1.0	U	100	100	87.7	93.2
Benzene	1.0	U	100	100	83.4	88.3
1,2-Dichloroethane	1.0	U	100	100	97.6	99.3
Trichloroethene	1.0	U	100	100	146	F 142 F
Methylcyclohexane	1.0	U	100	100	101	91.3
Dichlorobromomethane	1.0	U	100	100	86.5	95.6
cis-1,3-Dichloropropene	1.0	U	100	100	66.4	F 79.7
4-Methyl-2-pentanone (MIBK)	10	U	100	100	95.6	93.4
Toluene	0.29	J	100	100	91.6	93.1
trans-1,3-Dichloropropene	1.0	U	100	100	67.7	F 81.1
1,1,2-Trichloroethane	1.0	U	100	100	92.8	95.2
Tetrachloroethene	0.50	J	100	100	93.4	98.1
2-Hexanone	10	U	100	100	87.3	97.5
1,2-Dibromoethane	1.0	U	100	100	92.4	91.0
Chlorobenzene	1.0	U	100	100	91.0	95.0
Styrene	1.0	U	100	100	93.4	95.8
Bromoform	1.0	U	100	100	74.8	89.4
Isopropylbenzene	1.0	U	100	100	97.1	99.9

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-87263

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-31258-1 Units: ug/L
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/24/2011 0445
Prep Date: 09/24/2011 0445
Leach Date: N/A

MSD Lab Sample ID: 460-31258-1
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/24/2011 0510
Prep Date: 09/24/2011 0510
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,2,2-Tetrachloroethane	1.0	U	100	100	37.2	F	27.9	F
1,3-Dichlorobenzene	1.0	U	100	100	90.8		98.8	
1,4-Dichlorobenzene	1.0	U	100	100	95.8		88.0	
1,2,4-Trichlorobenzene	1.0	U	100	100	99.0		99.8	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-86593

Method: 8270C

Preparation: 3510C

Lab Sample ID: MB 460-86593/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/21/2011 1322
 Prep Date: 09/20/2011 0747
 Leach Date: N/A

Analysis Batch: 460-87212
 Prep Batch: 460-86593
 Leach Batch: N/A
 Units: ug/L

Instrument ID: BNAMS11
 Lab File ID: z10047.d
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	10	U	2.8	10
Phenol	10	U	0.81	10
2,4,6-Trichlorophenol	10	U	2.4	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,4-Dichlorophenol	10	U	2.6	10
2-Chlorophenol	10	U	2.2	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
Acetophenone	10	U	2.7	10
2-Methylnaphthalene	10	U	3.0	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.8	10
2-Nitroaniline	20	U	4.9	20
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	2.5	10
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
2,4-Dimethylphenol	10	U	3.4	10
4-Nitroaniline	20	U	5.8	20
4-Nitrophenol	30	U	6.7	30
Bis(2-chloroethoxy)methane	10	U	2.6	10
Atrazine	10	U	3.0	10
Naphthalene	10	U	2.7	10
Benzaldehyde	10	U	2.0	10
4-Chloroaniline	10	U	2.0	10
Benzo[a]pyrene	1.0	U	0.14	1.0
Hexachlorobutadiene	2.0	U	0.57	2.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Caprolactam	10	U	2.5	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
Fluoranthene	10	U	3.2	10
Fluorene	10	U	2.8	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.0	20
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-86593

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-86593/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1322
Prep Date: 09/20/2011 0747
Leach Date: N/A

Analysis Batch: 460-87212
Prep Batch: 460-86593
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z10047.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Benzo[g,h,i]perylene	10	U	2.0	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	80	46 - 122
2-Fluorobiphenyl	82	53 - 108
2-Fluorophenol (Surr)	46	10 - 65
Nitrobenzene-d5 (Surr)	87	56 - 112
Phenol-d5 (Surr)	30	10 - 48
Terphenyl-d14 (Surr)	85	50 - 122

Method Blank TICs- Batch: 460-86593

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86593**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-86593/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1347
Prep Date: 09/20/2011 0747
Leach Date: N/A

Analysis Batch: 460-87212
Prep Batch: 460-86593
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z10048.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 460-86593/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1412
Prep Date: 09/20/2011 0747
Leach Date: N/A

Analysis Batch: 460-87212
Prep Batch: 460-86593
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z10049.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1'-Biphenyl	89	86	66 - 112	3	30		
Phenol	30	29	12 - 44	5	30		
2,4,6-Trichlorophenol	92	88	67 - 111	5	30		
Bis(2-chloroethyl)ether	87	83	62 - 108	4	30		
2,4-Dichlorophenol	90	86	64 - 107	5	30		
2-Chlorophenol	84	80	53 - 101	4	30		
2,4-Dinitrotoluene	88	82	65 - 113	7	30		
2,2'-oxybis[1-chloropropane]	87	85	68 - 107	2	30		
Acetophenone	88	82	68 - 109	7	30		
2-Methylnaphthalene	85	81	66 - 102	4	30		
4-Methylphenol	50	46	30 - 75	7	30		
2-Methylphenol	68	64	40 - 90	6	30		
2-Nitroaniline	112	109	73 - 116	3	30		
Hexachloroethane	85	82	50 - 99	5	30		
Nitrobenzene	85	83	66 - 106	3	30		
4-Chloro-3-methylphenol	85	79	57 - 106	7	30		
Isophorone	88	84	68 - 108	5	30		
2-Nitrophenol	87	84	65 - 107	3	30		
4-Chlorophenyl phenyl ether	90	84	68 - 105	7	30		
2,4-Dimethylphenol	83	79	55 - 100	5	30		
4-Nitroaniline	90	82	49 - 119	9	30		
4-Nitrophenol	23	22	10 - 44	5	30	J	J
Bis(2-chloroethoxy)methane	89	85	69 - 108	5	30		
Atrazine	82	78	56 - 116	4	30		
Naphthalene	85	81	63 - 101	4	30		
Benzaldehyde	205	198	52 - 150	4	30	*	*
4-Chloroaniline	85	81	58 - 105	5	30		
Benzo[a]pyrene	83	79	58 - 101	4	30		
Hexachlorobutadiene	84	81	52 - 99	3	30		
Benzo[k]fluoranthene	82	83	66 - 114	2	30		
Caprolactam	17	15	10 - 30	9	30		
Carbazole	88	83	67 - 110	5	30		
Hexachlorocyclopentadiene	79	76	40 - 105	3	30		
Dibenz(a,h)anthracene	86	86	67 - 124	0	30		
2,4,5-Trichlorophenol	90	86	67 - 114	4	30		
Dimethyl phthalate	89	84	69 - 111	6	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86593**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-86593/2-A	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-86593	Lab File ID:	z10048.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/21/2011 1347	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-86593/3-A	Analysis Batch:	460-87212	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-86593	Lab File ID:	z10049.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/21/2011 1412	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/20/2011 0747			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
2-Chloronaphthalene	89	85	65 - 107	5	30		
Fluoranthene	84	80	68 - 108	5	30		
Fluorene	87	83	68 - 105	5	30		
2,6-Dinitrotoluene	86	84	68 - 114	3	30		
Acenaphthylene	86	83	67 - 107	3	30		
3-Nitroaniline	88	82	59 - 108	7	30		
N-Nitrosodi-n-propylamine	91	84	70 - 109	8	30		
Acenaphthene	86	81	66 - 108	6	30		
2,4-Dinitrophenol	74	66	19 - 113	13	30		
Dibenzofuran	89	85	68 - 105	5	30		
Diethyl phthalate	90	85	66 - 109	5	30		
4,6-Dinitro-2-methylphenol	80	75	58 - 115	8	30		
N-Nitrosodiphenylamine	91	86	71 - 121	6	30		
4-Bromophenyl phenyl ether	88	85	66 - 110	3	30		
Hexachlorobenzene	86	82	65 - 107	5	30		
Pentachlorophenol	90	84	55 - 116	7	30		
Phenanthrene	88	83	68 - 110	5	30		
Anthracene	85	82	68 - 108	4	30		
Di-n-butyl phthalate	88	82	68 - 111	7	30		
Pyrene	86	82	61 - 110	5	30		
Butyl benzyl phthalate	87	82	66 - 115	6	30		
3,3'-Dichlorobenzidine	96	91	69 - 129	5	30		
Benzo[a]anthracene	87	82	65 - 106	6	30		
Chrysene	87	84	68 - 112	3	30		
Bis(2-ethylhexyl) phthalate	86	82	66 - 114	5	30		
Di-n-octyl phthalate	88	76	51 - 115	15	30		
Benzo[b]fluoranthene	92	80	65 - 111	14	30		
Indeno[1,2,3-cd]pyrene	83	84	68 - 121	1	30		
Benzo[g,h,i]perylene	86	89	65 - 134	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	84	80	46 - 122
2-Fluorobiphenyl	88	85	53 - 108
2-Fluorophenol (Surr)	40	39	10 - 65
Nitrobenzene-d5 (Surr)	88	86	56 - 112
Phenol-d5 (Surr)	23	22	10 - 48

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Terphenyl-d14 (Surr)	86	80	50 - 122

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86593**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-86593/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1347
Prep Date: 09/20/2011 0747
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-86593/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1412
Prep Date: 09/20/2011 0747
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1'-Biphenyl	100	100	88.7	85.9
Phenol	100	100	30.4	28.8
2,4,6-Trichlorophenol	100	100	91.9	87.7
Bis(2-chloroethyl)ether	100	100	87.0	83.4
2,4-Dichlorophenol	100	100	90.3	85.9
2-Chlorophenol	100	100	84.1	80.4
2,4-Dinitrotoluene	100	100	87.8	82.2
2,2'-oxybis[1-chloropropane]	100	100	87.3	85.2
Acetophenone	100	100	88.0	82.2
2-Methylnaphthalene	100	100	84.6	81.1
4-Methylphenol	100	100	49.8	46.3
2-Methylphenol	100	100	68.4	64.3
2-Nitroaniline	100	100	112	109
Hexachloroethane	100	100	85.4	81.5
Nitrobenzene	100	100	85.3	83.0
4-Chloro-3-methylphenol	100	100	85.0	79.4
Isophorone	100	100	88.3	83.8
2-Nitrophenol	100	100	86.7	83.7
4-Chlorophenyl phenyl ether	100	100	90.1	84.1
2,4-Dimethylphenol	100	100	82.9	78.6
4-Nitroaniline	100	100	89.8	81.7
4-Nitrophenol	100	100	22.6 J	21.6 J
Bis(2-chloroethoxy)methane	100	100	89.0	84.6
Atrazine	100	100	81.6	78.2
Naphthalene	100	100	84.7	81.3
Benzaldehyde	100	100	205 *	198 *
4-Chloroaniline	100	100	85.1	80.8
Benzo[a]pyrene	100	100	82.5	79.3
Hexachlorobutadiene	100	100	83.7	81.5
Benzo[k]fluoranthene	100	100	81.6	83.0
Caprolactam	100	100	16.8	15.4
Carbazole	100	100	87.9	83.3
Hexachlorocyclopentadiene	100	100	78.5	76.1
Dibenz(a,h)anthracene	100	100	86.3	86.4
2,4,5-Trichlorophenol	100	100	89.8	86.2
Dimethyl phthalate	100	100	89.0	84.2
2-Chloronaphthalene	100	100	88.6	84.6
Fluoranthene	100	100	84.5	80.0
Fluorene	100	100	87.0	83.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-86593

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 460-86593/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1347
Prep Date: 09/20/2011 0747
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-86593/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1412
Prep Date: 09/20/2011 0747
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
2,6-Dinitrotoluene	100	100	86.4	83.5
Acenaphthylene	100	100	86.0	83.4
3-Nitroaniline	100	100	88.0	82.2
N-Nitrosodi-n-propylamine	100	100	90.9	84.3
Acenaphthene	100	100	86.1	81.2
2,4-Dinitrophenol	100	100	74.5	65.6
Dibenzofuran	100	100	89.0	84.7
Diethyl phthalate	100	100	89.8	85.4
4,6-Dinitro-2-methylphenol	100	100	80.5	74.7
N-Nitrosodiphenylamine	100	100	91.4	86.4
4-Bromophenyl phenyl ether	100	100	87.9	85.2
Hexachlorobenzene	100	100	86.4	82.0
Pentachlorophenol	100	100	89.9	84.0
Phenanthrene	100	100	87.6	83.2
Anthracene	100	100	84.9	81.8
Di-n-butyl phthalate	100	100	87.5	81.8
Pyrene	100	100	86.4	81.9
Butyl benzyl phthalate	100	100	86.5	81.9
3,3'-Dichlorobenzidine	100	100	96.0	91.3
Benzo[a]anthracene	100	100	87.2	82.2
Chrysene	100	100	87.0	84.5
Bis(2-ethylhexyl) phthalate	100	100	85.9	81.6
Di-n-octyl phthalate	100	100	87.8	75.7
Benzo[b]fluoranthene	100	100	91.9	79.8
Indeno[1,2,3-cd]pyrene	100	100	82.9	84.1
Benzo[g,h,i]perylene	100	100	85.6	89.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-86593

Method: 8270C SIM Preparation: 3510C

Lab Sample ID: MB 460-86593/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2011 1434
Prep Date: 09/20/2011 0747
Leach Date: N/A

Analysis Batch: 460-87284
Prep Batch: 460-86593
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS9
Lab File ID: h96752.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-86701

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 460-86701/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 0113
Prep Date: 09/20/2011 1652
Leach Date: N/A

Analysis Batch: 460-86903
Prep Batch: 460-86701
Leach Batch: N/A
Units: ug/L

Instrument ID: PESTGC7
Lab File ID: or177829.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.50	U	0.13	0.50
PCB-1221	0.50	U	0.28	0.50
PCB-1232	0.50	U	0.12	0.50
PCB-1242	0.50	U	0.12	0.50
PCB-1248	0.50	U	0.24	0.50
PCB-1254	0.50	U	0.17	0.50
PCB-1260	0.50	U	0.15	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	37 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86701**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-86701/2-A	Analysis Batch: 460-86903	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-86701	Lab File ID: of177830.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 09/21/2011 0129	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 09/20/2011 1652		Injection Volume:
Leach Date: N/A		Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 460-86701/3-A	Analysis Batch: 460-86903	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-86701	Lab File ID: of177831.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 09/21/2011 0146	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 09/20/2011 1652		Injection Volume:
Leach Date: N/A		Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	118	112	71 - 126	5	30		
PCB-1260	113	115	73 - 130	1	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
DCB Decachlorobiphenyl	100		106		37 - 150		

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86701**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-86701/2-A	Analysis Batch: 460-86903	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-86701	Lab File ID: or177830.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 09/21/2011 0129	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 09/20/2011 1652		Injection Volume:
Leach Date: N/A		Column ID: SECONDARY

LCSD Lab Sample ID: LCSD 460-86701/3-A	Analysis Batch: 460-86903	Instrument ID: PESTGC7
Client Matrix: Water	Prep Batch: 460-86701	Lab File ID: or177831.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1000 mL
Analysis Date: 09/21/2011 0146	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 09/20/2011 1652		Injection Volume:
Leach Date: N/A		Column ID: SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	116	109	71 - 126	6	30		
PCB-1260	109	111	73 - 130	2	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
DCB Decachlorobiphenyl	94		98		37 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86701**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-86701/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 0129
Prep Date: 09/20/2011 1652
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-86701/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 0146
Prep Date: 09/20/2011 1652
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.89	5.61
PCB-1260	5.00	5.00	5.67	5.74

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-86701**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-86701/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 0129
Prep Date: 09/20/2011 1652
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-86701/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 0146
Prep Date: 09/20/2011 1652
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.79	5.47
PCB-1260	5.00	5.00	5.45	5.56

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-86756

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 460-86756/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/22/2011 1453
Prep Date: 09/21/2011 0754
Leach Date: N/A

Analysis Batch: 460-87099
Prep Batch: 460-86756
Leach Batch: N/A
Units: ug/L

Instrument ID: PESTGC7
Lab File ID: or177913.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.50	U	0.13	0.50
PCB-1221	0.50	U	0.28	0.50
PCB-1232	0.50	U	0.12	0.50
PCB-1242	0.50	U	0.12	0.50
PCB-1248	0.50	U	0.24	0.50
PCB-1254	0.50	U	0.17	0.50
PCB-1260	0.50	U	0.15	0.50

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	55	37 - 150
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	52	37 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86756**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-86756/2-A	Analysis Batch:	460-87099	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-86756	Lab File ID:	of177914.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/22/2011 1508	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/21/2011 0754			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-86756/3-A	Analysis Batch:	460-87099	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-86756	Lab File ID:	of177915.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/22/2011 1524	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/21/2011 0754			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	106	105	71 - 126	1	30		
PCB-1260	104	101	73 - 130	3	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	70		74	37 - 150			

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-86756**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-86756/2-A	Analysis Batch:	460-87099	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-86756	Lab File ID:	or177914.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/22/2011 1508	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/21/2011 0754			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-86756/3-A	Analysis Batch:	460-87099	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-86756	Lab File ID:	or177915.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/22/2011 1524	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/21/2011 0754			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	104	97	71 - 126	6	30		
PCB-1260	97	93	73 - 130	4	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	65		69	37 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-86756

Method: 8082

Preparation: 3510C

LCS Lab Sample ID: LCS 460-86756/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/22/2011 1508
Prep Date: 09/21/2011 0754
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-86756/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/22/2011 1524
Prep Date: 09/21/2011 0754
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.32	5.25
PCB-1260	5.00	5.00	5.20	5.06

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-86756

Method: 8082

Preparation: 3510C

LCS Lab Sample ID: LCS 460-86756/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/22/2011 1508
Prep Date: 09/21/2011 0754
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-86756/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/22/2011 1524
Prep Date: 09/21/2011 0754
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.19	4.86
PCB-1260	5.00	5.00	4.84	4.67

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 460-86800/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1629
Prep Date: 09/21/2011 1158
Leach Date: N/A

Analysis Batch: 460-86853
Prep Batch: 460-86800
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09212011.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Control Sample - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-86800/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/21/2011 1633
 Prep Date: 09/21/2011 1158
 Leach Date: N/A

Analysis Batch: 460-86853
 Prep Batch: 460-86800
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP4
 Lab File ID: 09212011.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2006	100	80 - 120	
Antimony	500	495.9	99	80 - 120	
Arsenic	2000	1945	97	80 - 120	
Barium	2000	2064	103	80 - 120	
Beryllium	50.0	48.99	98	80 - 120	
Cadmium	50.0	50.87	102	80 - 120	
Calcium	20000	21090	105	80 - 120	
Chromium	200	200.6	100	80 - 120	
Cobalt	500	508.5	102	80 - 120	
Copper	250	247.9	99	80 - 120	
Iron	1000	999.6	100	80 - 120	
Lead	500	519.4	104	80 - 120	
Magnesium	20000	19510	98	80 - 120	
Manganese	500	519.3	104	80 - 120	
Nickel	500	517.6	104	80 - 120	
Potassium	20000	19170	96	80 - 120	
Selenium	2000	1881	94	80 - 120	
Silver	50.0	46.78	94	80 - 120	
Sodium	20000	19490	97	80 - 120	
Thallium	2000	2136	107	80 - 120	
Vanadium	500	488.9	98	80 - 120	
Zinc	500	499.8	100	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Matrix Spike - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31356-Q-3-B MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1648
Prep Date: 09/21/2011 1158
Leach Date: N/A

Analysis Batch: 460-86853
Prep Batch: 460-86800
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09212011.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	1999	100	75 - 125	
Antimony	10.0	U	500	500.1	100	75 - 125	
Arsenic	5.0	U	2000	1965	98	75 - 125	
Barium	697		2000	2751	103	75 - 125	
Beryllium	2.0	U	50.0	49.60	99	75 - 125	
Cadmium	5.0	U	50.0	50.40	101	75 - 125	
Calcium	63300		20000	84610	106	75 - 125	
Chromium	10.0	U	200	200.0	100	75 - 125	
Cobalt	50.0	U	500	497.8	100	75 - 125	
Copper	25.0	U	250	249.2	100	75 - 125	
Iron	150	U	1000	1039	104	75 - 125	
Lead	3.1	J	500	511.8	102	75 - 125	
Magnesium	17900		20000	37680	99	75 - 125	
Manganese	22.7		500	541.0	104	75 - 125	
Nickel	40.0	U	500	506.1	101	75 - 125	
Potassium	1430	J	20000	20890	97	75 - 125	
Selenium	10.0	U	2000	1885	94	75 - 125	
Silver	10.0	U	50.0	47.23	94	75 - 125	
Sodium	12000		20000	31900	100	75 - 125	
Thallium	10.0	U	2000	2076	104	75 - 125	
Vanadium	6.3	J	500	504.7	100	75 - 125	
Zinc	10.6	J	500	506.3	99	75 - 125	

Post Digestion Spike - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31356-Q-3-A PDS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1651
Prep Date: 09/21/2011 1158
Leach Date: N/A

Analysis Batch: 460-86853
Prep Batch: 460-86800
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09212011.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2020	101	75 - 125	
Antimony	10.0	U	500	494.8	99	75 - 125	
Arsenic	5.0	U	2000	1939	97	75 - 125	
Barium	697		2000	2705	100	75 - 125	
Beryllium	2.0	U	50.0	49.89	100	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Post Digestion Spike - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31356-Q-3-A PDS
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/21/2011 1651
 Prep Date: 09/21/2011 1158
 Leach Date: N/A

Analysis Batch: 460-86853
 Prep Batch: 460-86800
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP4
 Lab File ID: 09212011.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	5.0	U	50.0	50.95	102	75 - 125	
Calcium	63300		20000	82380	95	75 - 125	
Chromium	10.0	U	200	202.3	101	75 - 125	
Cobalt	50.0	U	500	505.1	101	75 - 125	
Copper	25.0	U	250	253.1	101	75 - 125	
Iron	150	U	1000	1032	103	75 - 125	
Lead	3.1	J	500	522.0	104	75 - 125	
Magnesium	17900		20000	37190	97	75 - 125	
Manganese	22.7		500	542.3	104	75 - 125	
Nickel	40.0	U	500	512.1	102	75 - 125	
Potassium	1430	J	20000	20980	98	75 - 125	
Selenium	10.0	U	2000	1917	96	75 - 125	
Silver	10.0	U	50.0	47.46	95	75 - 125	
Sodium	12000		20000	31530	98	75 - 125	
Thallium	10.0	U	2000	2105	105	75 - 125	
Vanadium	6.3	J	500	504.5	100	75 - 125	
Zinc	10.6	J	500	511.9	100	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Duplicate - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31356-A-3-A DU
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1636
Prep Date: 09/21/2011 1158
Leach Date: N/A

Analysis Batch: 460-86853
Prep Batch: 460-86800
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09212011.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	200	U	200	NC	20	U
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	5.0	NC	20	U
Barium	697		702.5	0.7	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	63300		63910	0.9	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	50.0	U	50.0	NC	20	U
Copper	25.0	U	25.0	NC	20	U
Iron	150	U	150	NC	20	U
Lead	3.1	J	5.71	60	20	
Magnesium	17900		18070	1	20	
Manganese	22.7		22.92	1	20	
Nickel	40.0	U	40.0	NC	20	U
Potassium	1430	J	1435	0.6	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	10.0	NC	20	U
Sodium	12000		12080	1	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	6.3	J	7.21	14	20	J
Zinc	10.6	J	10.78	1	20	J

Serial Dilution - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31356-Q-3-A SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/21/2011 1644
Prep Date: 09/21/2011 1158
Leach Date: N/A

Analysis Batch: 460-86853
Prep Batch: 460-86800
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09212011.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	200	U	1000	NC	10	U
Antimony	10.0	U	50.0	NC	10	U
Arsenic	5.0	U	25.0	NC	10	U
Barium	697		689.5	1.1	10	J
Beryllium	2.0	U	10.0	NC	10	U
Cadmium	5.0	U	25.0	NC	10	U
Calcium	63300		63300	0.06	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Serial Dilution - Batch: 460-86800

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31356-Q-3-A SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/21/2011 1644
Prep Date: 09/21/2011 1158
Leach Date: N/A

Analysis Batch: 460-86853
Prep Batch: 460-86800
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09212011.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	10.0	U	50.0	NC	10	U
Cobalt	50.0	U	250	NC	10	U
Copper	25.0	U	125	NC	10	U
Iron	150	U	750	NC	10	U
Lead	3.1	J	25.0	NC	10	U
Magnesium	17900		17850	0.14	10	J
Manganese	22.7		22.80	NC	10	J
Nickel	40.0	U	200	NC	10	U
Potassium	1430	J	1516	NC	10	J
Selenium	10.0	U	50.0	NC	10	U
Silver	10.0	U	50.0	NC	10	U
Sodium	12000		11790	NC	10	J
Thallium	10.0	U	50.0	NC	10	U
Vanadium	6.3	J	250	NC	10	U
Zinc	10.6	J	150	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 460-87869/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/30/2011 2217
Prep Date: 09/30/2011 1154
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87869
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Control Sample - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-87869/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/30/2011 2221
Prep Date: 09/30/2011 1154
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87869
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2058	103	80 - 120	
Antimony	500	495.1	99	80 - 120	
Arsenic	2000	1935	97	80 - 120	
Barium	2000	2035	102	80 - 120	
Beryllium	50.0	50.58	101	80 - 120	
Cadmium	50.0	51.29	103	80 - 120	
Calcium	20000	21030	105	80 - 120	
Chromium	200	203.3	102	80 - 120	
Cobalt	500	514.2	103	80 - 120	
Copper	250	256.9	103	80 - 120	
Iron	1000	1017	102	80 - 120	
Lead	500	526.7	105	80 - 120	
Magnesium	20000	19850	99	80 - 120	
Manganese	500	525.8	105	80 - 120	
Nickel	500	522.3	104	80 - 120	
Potassium	20000	19790	99	80 - 120	
Selenium	2000	1914	96	80 - 120	
Silver	50.0	49.57	99	80 - 120	
Sodium	20000	20030	100	80 - 120	
Thallium	2000	2182	109	80 - 120	
Vanadium	500	494.8	99	80 - 120	
Zinc	500	506.8	101	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Matrix Spike - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31492-Q-2-D MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/30/2011 2159
Prep Date: 09/30/2011 1154
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87869
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2117	106	75 - 125	
Antimony	10.0	U	500	497.6	100	75 - 125	
Arsenic	5.0	U	2000	1953	98	75 - 125	
Barium	1560		2000	3537	99	75 - 125	
Beryllium	2.0	U	50.0	51.14	102	75 - 125	
Cadmium	5.0	U	50.0	51.09	102	75 - 125	
Calcium	36000		20000	56020	100	75 - 125	
Chromium	10.0	U	200	204.3	102	75 - 125	
Cobalt	50.0	U	500	510.5	102	75 - 125	
Copper	25.0	U	250	255.1	102	75 - 125	
Iron	46.3	J	1000	1054	101	75 - 125	
Lead	5.0	U	500	520.8	104	75 - 125	
Magnesium	11700		20000	31210	98	75 - 125	
Manganese	2120		500	2571	91	75 - 125	4
Nickel	40.0	U	500	518.2	104	75 - 125	
Potassium	963	J	20000	20740	99	75 - 125	
Selenium	10.0	U	2000	1911	96	75 - 125	
Silver	10.0	U	50.0	49.58	99	75 - 125	
Sodium	10500		20000	30440	100	75 - 125	
Thallium	10.0	U	2000	2084	104	75 - 125	
Vanadium	50.0	U	500	498.3	100	75 - 125	
Zinc	30.0	U	500	504.3	101	75 - 125	

Post Digestion Spike - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31492-Q-2-C PDS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/30/2011 2203
Prep Date: 09/30/2011 1154
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87869
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2087	104	75 - 125	
Antimony	10.0	U	500	495.0	99	75 - 125	
Arsenic	5.0	U	2000	1936	97	75 - 125	
Barium	1560		2000	3519	98	75 - 125	
Beryllium	2.0	U	50.0	50.65	101	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Post Digestion Spike - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31492-Q-2-C PDS
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/30/2011 2203
 Prep Date: 09/30/2011 1154
 Leach Date: N/A

Analysis Batch: 460-87983
 Prep Batch: 460-87869
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP4
 Lab File ID: 09302011A.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	5.0	U	50.0	50.76	102	75 - 125	
Calcium	36000		20000	55470	98	75 - 125	
Chromium	10.0	U	200	202.9	101	75 - 125	
Cobalt	50.0	U	500	506.9	101	75 - 125	
Copper	25.0	U	250	256.6	103	75 - 125	
Iron	46.3	J	1000	1052	101	75 - 125	
Lead	5.0	U	500	518.4	104	75 - 125	
Magnesium	11700		20000	30950	97	75 - 125	
Manganese	2120		500	2559	89	75 - 125	
Nickel	40.0	U	500	514.5	103	75 - 125	
Potassium	963	J	20000	20590	98	75 - 125	
Selenium	10.0	U	2000	1910	96	75 - 125	
Silver	10.0	U	50.0	48.01	96	75 - 125	
Sodium	10500		20000	30090	98	75 - 125	
Thallium	10.0	U	2000	2130	107	75 - 125	
Vanadium	50.0	U	500	494.6	99	75 - 125	
Zinc	30.0	U	500	501.0	100	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Duplicate - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31492-A-2-B DU
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/30/2011 2148
Prep Date: 09/30/2011 1154
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87869
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	200	U	200	NC	20	U
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	5.0	NC	20	U
Barium	1560		1557	0.3	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	36000		35710	0.7	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	50.0	U	50.0	NC	20	U
Copper	25.0	U	25.0	NC	20	U
Iron	46.3	J	48.77	5	20	J
Lead	5.0	U	5.0	NC	20	U
Magnesium	11700		11630	0.2	20	
Manganese	2120		2108	0.3	20	
Nickel	40.0	U	40.0	NC	20	U
Potassium	963	J	958.5	0.4	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	10.0	NC	20	U
Sodium	10500		10470	0.3	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	30.0	U	30.0	NC	20	U

Serial Dilution - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31492-Q-2-C SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/30/2011 2155
Prep Date: 09/30/2011 1154
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87869
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	200	U	1000	NC	10	U
Antimony	10.0	U	50.0	NC	10	U
Arsenic	5.0	U	25.0	NC	10	U
Barium	1560		1536	1.6	10	
Beryllium	2.0	U	10.0	NC	10	U
Cadmium	5.0	U	25.0	NC	10	U
Calcium	36000		35170	2.2	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Serial Dilution - Batch: 460-87869

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-31492-Q-2-C SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/30/2011 2155
Prep Date: 09/30/2011 1154
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87869
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	10.0	U	50.0	NC	10	U
Cobalt	50.0	U	250	NC	10	U
Copper	25.0	U	125	NC	10	U
Iron	46.3	J	750	NC	10	U
Lead	5.0	U	25.0	NC	10	U
Magnesium	11700		11570	0.73	10	J
Manganese	2120		2072	2.0	10	
Nickel	40.0	U	200	NC	10	U
Potassium	963	J	25000	NC	10	U
Selenium	10.0	U	50.0	NC	10	U
Silver	10.0	U	50.0	NC	10	U
Sodium	10500		10340	NC	10	J
Thallium	10.0	U	50.0	NC	10	U
Vanadium	50.0	U	250	NC	10	U
Zinc	30.0	U	150	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-86793

Method: 7470A Preparation: 7470A

Lab Sample ID: MB 460-86793/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1341
Prep Date: 09/21/2011 1115
Leach Date: N/A

Analysis Batch: 460-86825
Prep Batch: 460-86793
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 86785hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.19	0.20

Lab Control Sample - Batch: 460-86793

Method: 7470A Preparation: 7470A

Lab Sample ID: LCS 460-86793/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1343
Prep Date: 09/21/2011 1115
Leach Date: N/A

Analysis Batch: 460-86825
Prep Batch: 460-86793
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 86785hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.993	99	80 - 120	

Matrix Spike - Batch: 460-86793

Method: 7470A Preparation: 7470A

Lab Sample ID: 460-31227-H-1-E MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/21/2011 1348
Prep Date: 09/21/2011 1115
Leach Date: N/A

Analysis Batch: 460-86825
Prep Batch: 460-86793
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 86785hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20 U	1.00	1.04	104	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Duplicate - Batch: 460-86793

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-31227-A-1-B DU	Analysis Batch:	460-86825	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-86793	Lab File ID:	86785hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	09/21/2011 1346	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	09/21/2011 1115				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

Serial Dilution - Batch: 460-86793

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-31227-H-1-D SD ^5	Analysis Batch:	460-86825	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-86793	Lab File ID:	86785hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	09/21/2011 1433	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	09/21/2011 1115				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.20	U	1.0	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Method Blank - Batch: 460-88373

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-88373/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2011 1508
Prep Date: 10/05/2011 1306
Leach Date: N/A

Analysis Batch: 460-88399
Prep Batch: 460-88373
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 88358hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.19	0.20

Lab Control Sample - Batch: 460-88373

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-88373/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2011 1510
Prep Date: 10/05/2011 1306
Leach Date: N/A

Analysis Batch: 460-88399
Prep Batch: 460-88373
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 88358hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.968	97	80 - 120	

Matrix Spike - Batch: 460-88373

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-31813-D-7-D MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2011 1516
Prep Date: 10/05/2011 1306
Leach Date: N/A

Analysis Batch: 460-88399
Prep Batch: 460-88373
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 88358hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20 U	1.00	0.927	93	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Duplicate - Batch: 460-88373

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-31813-D-7-C DU
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/05/2011 1514
Prep Date: 10/05/2011 1306
Leach Date: N/A

Analysis Batch: 460-88399
Prep Batch: 460-88373
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 88358hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

Serial Dilution - Batch: 460-88373

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-31813-D-7-B SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 10/05/2011 1602
Prep Date: 10/05/2011 1306
Leach Date: N/A

Analysis Batch: 460-88399
Prep Batch: 460-88373
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 88358hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.20	U	1.0	NC	10	U

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
Metals		
	U	Indicates the analyte was 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	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-87263					
LCS 460-87263/3	Lab Control Sample	T	Water	8260B	
MB 460-87263/4	Method Blank	T	Water	8260B	
460-31258-1	GW-17338-091611-MM-01	T	Water	8260B	
460-31258-1MS	Matrix Spike	T	Water	8260B	
460-31258-1MSD	Matrix Spike Duplicate	T	Water	8260B	
460-31258-2	GW-17338-091611-MM-02	T	Water	8260B	
460-31258-3	GW-17338-091611-MM-03	T	Water	8260B	
460-31258-4TB	TB-17338-091611-MM-04	T	Water	8260B	
460-31258-5FB	FB-17338-091611-MM-05	T	Water	8260B	

Report Basis

T = Total

GC/MS Semi VOA

Prep Batch: 460-86593					
LCS 460-86593/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-86593/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-86593/1-A	Method Blank	T	Water	3510C	
460-31258-1	GW-17338-091611-MM-01	T	Water	3510C	
460-31258-2	GW-17338-091611-MM-02	T	Water	3510C	
460-31258-3	GW-17338-091611-MM-03	T	Water	3510C	
460-31258-5FB	FB-17338-091611-MM-05	T	Water	3510C	
Analysis Batch:460-87212					
LCS 460-86593/2-A	Lab Control Sample	T	Water	8270C	460-86593
LCSD 460-86593/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-86593
MB 460-86593/1-A	Method Blank	T	Water	8270C	460-86593
460-31258-1	GW-17338-091611-MM-01	T	Water	8270C	460-86593
460-31258-2	GW-17338-091611-MM-02	T	Water	8270C	460-86593
460-31258-3	GW-17338-091611-MM-03	T	Water	8270C	460-86593
460-31258-5FB	FB-17338-091611-MM-05	T	Water	8270C	460-86593
Analysis Batch:460-87284					
MB 460-86593/1-A	Method Blank	T	Water	8270C SIM	460-86593
460-31258-1	GW-17338-091611-MM-01	T	Water	8270C SIM	460-86593
460-31258-2	GW-17338-091611-MM-02	T	Water	8270C SIM	460-86593
460-31258-3	GW-17338-091611-MM-03	T	Water	8270C SIM	460-86593
460-31258-5FB	FB-17338-091611-MM-05	T	Water	8270C SIM	460-86593

Report Basis

T = Total

TestAmerica Edison

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-86701					
LCS 460-86701/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-86701/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-86701/1-A	Method Blank	T	Water	3510C	
460-31258-2	GW-17338-091611-MM-02	T	Water	3510C	
460-31258-3	GW-17338-091611-MM-03	T	Water	3510C	
Prep Batch: 460-86756					
LCS 460-86756/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-86756/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-86756/1-A	Method Blank	T	Water	3510C	
460-31258-1	GW-17338-091611-MM-01	T	Water	3510C	
Analysis Batch:460-86903					
LCS 460-86701/2-A	Lab Control Sample	T	Water	8082	460-86701
LCSD 460-86701/3-A	Lab Control Sample Duplicate	T	Water	8082	460-86701
MB 460-86701/1-A	Method Blank	T	Water	8082	460-86701
460-31258-2	GW-17338-091611-MM-02	T	Water	8082	460-86701
460-31258-3	GW-17338-091611-MM-03	T	Water	8082	460-86701
Analysis Batch:460-87099					
LCS 460-86756/2-A	Lab Control Sample	T	Water	8082	460-86756
LCSD 460-86756/3-A	Lab Control Sample Duplicate	T	Water	8082	460-86756
MB 460-86756/1-A	Method Blank	T	Water	8082	460-86756
460-31258-1	GW-17338-091611-MM-01	T	Water	8082	460-86756

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-86793					
LCS 460-86793/2-A	Lab Control Sample	T	Water	7470A	
MB 460-86793/1-A	Method Blank	T	Water	7470A	
460-31227-A-1-B DU	Duplicate	T	Water	7470A	
460-31227-H-1-E MS	Matrix Spike	T	Water	7470A	
460-31258-1	GW-17338-091611-MM-01	D	Water	7470A	
460-31258-2	GW-17338-091611-MM-02	D	Water	7470A	
460-31258-3	GW-17338-091611-MM-03	D	Water	7470A	
460-31258-5FB	FB-17338-091611-MM-05	T	Water	7470A	
Prep Batch: 460-86800					
LCS 460-86800/2-A	Lab Control Sample	T	Water	3010A	
MB 460-86800/1-A	Method Blank	T	Water	3010A	
460-31258-1	GW-17338-091611-MM-01	D	Water	3010A	
460-31258-2	GW-17338-091611-MM-02	D	Water	3010A	
460-31258-3	GW-17338-091611-MM-03	D	Water	3010A	
460-31258-5FB	FB-17338-091611-MM-05	T	Water	3010A	
460-31356-A-3-A DU	Duplicate	T	Water	3010A	
460-31356-Q-3-B MS	Matrix Spike	T	Water	3010A	
Analysis Batch:460-86825					
LCS 460-86793/2-A	Lab Control Sample	T	Water	7470A	460-86793
MB 460-86793/1-A	Method Blank	T	Water	7470A	460-86793
460-31227-A-1-B DU	Duplicate	T	Water	7470A	460-86793
460-31227-H-1-E MS	Matrix Spike	T	Water	7470A	460-86793
460-31258-1	GW-17338-091611-MM-01	D	Water	7470A	460-86793
460-31258-2	GW-17338-091611-MM-02	D	Water	7470A	460-86793
460-31258-3	GW-17338-091611-MM-03	D	Water	7470A	460-86793
460-31258-5FB	FB-17338-091611-MM-05	T	Water	7470A	460-86793
Analysis Batch:460-86853					
LCS 460-86800/2-A	Lab Control Sample	T	Water	6010B	460-86800
MB 460-86800/1-A	Method Blank	T	Water	6010B	460-86800
460-31356-A-3-A DU	Duplicate	T	Water	6010B	460-86800
460-31356-Q-3-B MS	Matrix Spike	T	Water	6010B	460-86800
Analysis Batch:460-87008					
460-31258-1	GW-17338-091611-MM-01	D	Water	6010B	460-86800
460-31258-2	GW-17338-091611-MM-02	D	Water	6010B	460-86800
460-31258-3	GW-17338-091611-MM-03	D	Water	6010B	460-86800
460-31258-5FB	FB-17338-091611-MM-05	T	Water	6010B	460-86800

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-87869					
LCS 460-87869/2-A	Lab Control Sample	T	Water	3010A	
MB 460-87869/1-A	Method Blank	T	Water	3010A	
460-31258-1	GW-17338-091611-MM-01	T	Water	3010A	
460-31258-2	GW-17338-091611-MM-02	T	Water	3010A	
460-31258-3	GW-17338-091611-MM-03	T	Water	3010A	
460-31492-A-2-B DU	Duplicate	T	Water	3010A	
460-31492-Q-2-D MS	Matrix Spike	T	Water	3010A	
Analysis Batch:460-87983					
LCS 460-87869/2-A	Lab Control Sample	T	Water	6010B	460-87869
MB 460-87869/1-A	Method Blank	T	Water	6010B	460-87869
460-31258-1	GW-17338-091611-MM-01	T	Water	6010B	460-87869
460-31258-2	GW-17338-091611-MM-02	T	Water	6010B	460-87869
460-31258-3	GW-17338-091611-MM-03	T	Water	6010B	460-87869
460-31492-A-2-B DU	Duplicate	T	Water	6010B	460-87869
460-31492-Q-2-D MS	Matrix Spike	T	Water	6010B	460-87869
Prep Batch: 460-88373					
LCS 460-88373/2-A	Lab Control Sample	T	Water	7470A	
MB 460-88373/1-A	Method Blank	T	Water	7470A	
460-31258-1	GW-17338-091611-MM-01	T	Water	7470A	
460-31258-2	GW-17338-091611-MM-02	T	Water	7470A	
460-31258-3	GW-17338-091611-MM-03	T	Water	7470A	
460-31813-D-7-C DU	Duplicate	T	Water	7470A	
460-31813-D-7-D MS	Matrix Spike	T	Water	7470A	
Analysis Batch:460-88399					
LCS 460-88373/2-A	Lab Control Sample	T	Water	7470A	460-88373
MB 460-88373/1-A	Method Blank	T	Water	7470A	460-88373
460-31258-1	GW-17338-091611-MM-01	T	Water	7470A	460-88373
460-31258-2	GW-17338-091611-MM-02	T	Water	7470A	460-88373
460-31258-3	GW-17338-091611-MM-03	T	Water	7470A	460-88373
460-31813-D-7-C DU	Duplicate	T	Water	7470A	460-88373
460-31813-D-7-D MS	Matrix Spike	T	Water	7470A	460-88373

Report Basis

D = Dissolved

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Laboratory Chronicle

Lab ID: 460-31258-1

Client ID: GW-17338-091611-MM-01

Sample Date/Time: 09/16/2011 08:30

Received Date/Time: 09/16/2011 19:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-31258-A-1		460-87263		09/24/2011 06:50	1	TAL EDI	AT
A:8260B	460-31258-A-1		460-87263		09/24/2011 06:50	1	TAL EDI	AT
P:3510C	460-31258-I-1-A		460-87212	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C	460-31258-I-1-A		460-87212	460-86593	09/21/2011 14:37	1	TAL EDI	MS
P:3510C	460-31258-I-1-A		460-87284	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C SIM	460-31258-I-1-A		460-87284	460-86593	09/25/2011 15:00	1	TAL EDI	CZ
P:3510C	460-31258-F-1-B		460-87099	460-86756	09/21/2011 13:17	1	TAL EDI	HW
A:8082	460-31258-F-1-B		460-87099	460-86756	09/22/2011 16:29	1	TAL EDI	SD
P:3010A	460-31258-E-1-B		460-87008	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	460-31258-E-1-B		460-87008	460-86800	09/22/2011 12:58	1	TAL EDI	CDC
P:3010A	460-31258-D-1-A		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	460-31258-D-1-A		460-87983	460-87869	09/30/2011 22:06	1	TAL EDI	CDC
P:7470A	460-31258-E-1-A		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	460-31258-E-1-A		460-86825	460-86793	09/21/2011 14:25	1	TAL EDI	RBS
P:7470A	460-31258-D-1-B		460-88399	460-88373	10/05/2011 13:06	1	TAL EDI	RBS
A:7470A	460-31258-D-1-B		460-88399	460-88373	10/05/2011 15:18	1	TAL EDI	RBS

Lab ID: 460-31258-1 MS

Client ID: GW-17338-091611-MM-01

Sample Date/Time: 09/16/2011 08:30

Received Date/Time: 09/16/2011 19:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-31258-C-1 MS		460-87263		09/24/2011 04:45	5	TAL EDI	AT
A:8260B	460-31258-C-1 MS		460-87263		09/24/2011 04:45	5	TAL EDI	AT

Lab ID: 460-31258-1 MSD

Client ID: GW-17338-091611-MM-01

Sample Date/Time: 09/16/2011 08:30

Received Date/Time: 09/16/2011 19:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-31258-C-1 MSD		460-87263		09/24/2011 05:10	5	TAL EDI	AT
A:8260B	460-31258-C-1 MSD		460-87263		09/24/2011 05:10	5	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Laboratory Chronicle

Lab ID: 460-31258-2

Client ID: GW-17338-091611-MM-02

Sample Date/Time: 09/16/2011 10:50

Received Date/Time: 09/16/2011 19:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-31258-A-2		460-87263		09/24/2011 07:16	1	TAL EDI	AT
A:8260B	460-31258-A-2		460-87263		09/24/2011 07:16	1	TAL EDI	AT
P:3510C	460-31258-F-2-A		460-87212	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C	460-31258-F-2-A		460-87212	460-86593	09/21/2011 15:02	1	TAL EDI	MS
P:3510C	460-31258-F-2-A		460-87284	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C SIM	460-31258-F-2-A		460-87284	460-86593	09/25/2011 15:25	1	TAL EDI	CZ
P:3510C	460-31258-H-2-A		460-86903	460-86701	09/20/2011 16:52	1	TAL EDI	SCS
A:8082	460-31258-H-2-A		460-86903	460-86701	09/21/2011 02:36	1	TAL EDI	SK
P:3010A	460-31258-E-2-B		460-87008	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	460-31258-E-2-B		460-87008	460-86800	09/22/2011 13:02	1	TAL EDI	CDC
P:3010A	460-31258-D-2-A		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	460-31258-D-2-A		460-87983	460-87869	09/30/2011 22:25	1	TAL EDI	CDC
P:7470A	460-31258-E-2-A		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	460-31258-E-2-A		460-86825	460-86793	09/21/2011 14:27	1	TAL EDI	RBS
P:7470A	460-31258-D-2-B		460-88399	460-88373	10/05/2011 13:06	1	TAL EDI	RBS
A:7470A	460-31258-D-2-B		460-88399	460-88373	10/05/2011 15:20	1	TAL EDI	RBS

Lab ID: 460-31258-3

Client ID: GW-17338-091611-MM-03

Sample Date/Time: 09/16/2011 12:15

Received Date/Time: 09/16/2011 19:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-31258-A-3		460-87263		09/24/2011 07:41	1	TAL EDI	AT
A:8260B	460-31258-A-3		460-87263		09/24/2011 07:41	1	TAL EDI	AT
P:3510C	460-31258-H-3-A		460-87212	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C	460-31258-H-3-A		460-87212	460-86593	09/21/2011 15:27	1	TAL EDI	MS
P:3510C	460-31258-H-3-A		460-87284	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C SIM	460-31258-H-3-A		460-87284	460-86593	09/25/2011 15:51	1	TAL EDI	CZ
P:3510C	460-31258-G-3-A		460-86903	460-86701	09/20/2011 16:52	1	TAL EDI	SCS
A:8082	460-31258-G-3-A		460-86903	460-86701	09/21/2011 02:52	1	TAL EDI	SK
P:3010A	460-31258-E-3-B		460-87008	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	460-31258-E-3-B		460-87008	460-86800	09/22/2011 13:06	1	TAL EDI	CDC
P:3010A	460-31258-D-3-A		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	460-31258-D-3-A		460-87983	460-87869	09/30/2011 22:28	1	TAL EDI	CDC
P:7470A	460-31258-E-3-A		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	460-31258-E-3-A		460-86825	460-86793	09/21/2011 14:29	1	TAL EDI	RBS
P:7470A	460-31258-D-3-B		460-88399	460-88373	10/05/2011 13:06	1	TAL EDI	RBS
A:7470A	460-31258-D-3-B		460-88399	460-88373	10/05/2011 15:22	1	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Laboratory Chronicle

Lab ID: 460-31258-4

Client ID: TB-17338-091611-MM-04

Sample Date/Time: 09/16/2011 00:00

Received Date/Time: 09/16/2011 19:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-31258-A-4		460-87263		09/24/2011 06:00	1	TAL EDI	AT
A:8260B	460-31258-A-4		460-87263		09/24/2011 06:00	1	TAL EDI	AT

Lab ID: 460-31258-5

Client ID: FB-17338-091611-MM-05

Sample Date/Time: 09/16/2011 07:30

Received Date/Time: 09/16/2011 19:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-31258-A-5		460-87263		09/24/2011 06:25	1	TAL EDI	AT
A:8260B	460-31258-A-5		460-87263		09/24/2011 06:25	1	TAL EDI	AT
P:3510C	460-31258-H-5-A		460-87212	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C	460-31258-H-5-A		460-87212	460-86593	09/21/2011 15:52	1	TAL EDI	MS
P:3510C	460-31258-H-5-A		460-87284	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C SIM	460-31258-H-5-A		460-87284	460-86593	09/25/2011 16:17	1	TAL EDI	CZ
P:3010A	460-31258-D-5-B		460-87008	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	460-31258-D-5-B		460-87008	460-86800	09/22/2011 13:10	1	TAL EDI	CDC
P:7470A	460-31258-D-5-A		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	460-31258-D-5-A		460-86825	460-86793	09/21/2011 14:31	1	TAL EDI	RBS

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 460-87263/4		460-87263		09/24/2011 02:14	1	TAL EDI	AT
A:8260B	MB 460-87263/4		460-87263		09/24/2011 02:14	1	TAL EDI	AT
P:3510C	MB 460-86593/1-A		460-87212	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C	MB 460-86593/1-A		460-87212	460-86593	09/21/2011 13:22	1	TAL EDI	MS
P:3510C	MB 460-86593/1-A		460-87284	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C SIM	MB 460-86593/1-A		460-87284	460-86593	09/25/2011 14:34	1	TAL EDI	CZ
P:3510C	MB 460-86701/1-A		460-86903	460-86701	09/20/2011 16:52	1	TAL EDI	SCS
A:8082	MB 460-86701/1-A		460-86903	460-86701	09/21/2011 01:13	1	TAL EDI	SK
P:3510C	MB 460-86756/1-A		460-87099	460-86756	09/21/2011 07:54	1	TAL EDI	HW
A:8082	MB 460-86756/1-A		460-87099	460-86756	09/22/2011 14:53	1	TAL EDI	SD
P:3010A	MB 460-86800/1-A		460-86853	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	MB 460-86800/1-A		460-86853	460-86800	09/21/2011 16:29	1	TAL EDI	CDC
P:3010A	MB 460-87869/1-A		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	MB 460-87869/1-A		460-87983	460-87869	09/30/2011 22:17	1	TAL EDI	CDC
P:7470A	MB 460-86793/1-A		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	MB 460-86793/1-A		460-86825	460-86793	09/21/2011 13:41	1	TAL EDI	RBS
P:7470A	MB 460-88373/1-A		460-88399	460-88373	10/05/2011 13:06	1	TAL EDI	RBS
A:7470A	MB 460-88373/1-A		460-88399	460-88373	10/05/2011 15:08	1	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Laboratory Chronicle

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 460-87263/3		460-87263		09/24/2011 01:24	1	TAL EDI	AT
A:8260B	LCS 460-87263/3		460-87263		09/24/2011 01:24	1	TAL EDI	AT
P:3510C	LCS 460-86593/2-A		460-87212	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C	LCS 460-86593/2-A		460-87212	460-86593	09/21/2011 13:47	1	TAL EDI	MS
P:3510C	LCS 460-86701/2-A		460-86903	460-86701	09/20/2011 16:52	1	TAL EDI	SCS
A:8082	LCS 460-86701/2-A		460-86903	460-86701	09/21/2011 01:29	1	TAL EDI	SK
P:3510C	LCS 460-86756/2-A		460-87099	460-86756	09/21/2011 07:54	1	TAL EDI	HW
A:8082	LCS 460-86756/2-A		460-87099	460-86756	09/22/2011 15:08	1	TAL EDI	SD
P:3010A	LCS 460-86800/2-A		460-86853	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	LCS 460-86800/2-A		460-86853	460-86800	09/21/2011 16:33	1	TAL EDI	CDC
P:3010A	LCS 460-87869/2-A		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	LCS 460-87869/2-A		460-87983	460-87869	09/30/2011 22:21	1	TAL EDI	CDC
P:7470A	LCS 460-86793/2-A		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	LCS 460-86793/2-A		460-86825	460-86793	09/21/2011 13:43	1	TAL EDI	RBS
P:7470A	LCS 460-88373/2-A		460-88399	460-88373	10/05/2011 13:06	1	TAL EDI	RBS
A:7470A	LCS 460-88373/2-A		460-88399	460-88373	10/05/2011 15:10	1	TAL EDI	RBS

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	LCSD 460-86593/3-A		460-87212	460-86593	09/20/2011 07:47	1	TAL EDI	MC
A:8270C	LCSD 460-86593/3-A		460-87212	460-86593	09/21/2011 14:12	1	TAL EDI	MS
P:3510C	LCSD 460-86701/3-A		460-86903	460-86701	09/20/2011 16:52	1	TAL EDI	SCS
A:8082	LCSD 460-86701/3-A		460-86903	460-86701	09/21/2011 01:46	1	TAL EDI	SK
P:3510C	LCSD 460-86756/3-A		460-87099	460-86756	09/21/2011 07:54	1	TAL EDI	HW
A:8082	LCSD 460-86756/3-A		460-87099	460-86756	09/22/2011 15:24	1	TAL EDI	SD

Lab ID: MS

Client ID: N/A

Sample Date/Time: 09/20/2011 11:15

Received Date/Time: 09/20/2011 17:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-31356-Q-3-B MS		460-86853	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	460-31356-Q-3-B MS		460-86853	460-86800	09/21/2011 16:48	1	TAL EDI	CDC
P:3010A	460-31492-Q-2-D MS		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	460-31492-Q-2-D MS		460-87983	460-87869	09/30/2011 21:59	1	TAL EDI	CDC
P:7470A	460-31227-H-1-E MS		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	460-31227-H-1-E MS		460-86825	460-86793	09/21/2011 13:48	1	TAL EDI	RBS
P:7470A	460-31813-D-7-D MS		460-88399	460-88373	10/05/2011 13:06	1	TAL EDI	RBS
A:7470A	460-31813-D-7-D MS		460-88399	460-88373	10/05/2011 15:16	1	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Laboratory Chronicle

Lab ID: DU

Client ID: N/A

Sample Date/Time: 09/20/2011 11:15

Received Date/Time: 09/20/2011 17:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-31356-A-3-A DU		460-86853	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	460-31356-A-3-A DU		460-86853	460-86800	09/21/2011 16:36	1	TAL EDI	CDC
P:3010A	460-31492-A-2-B DU		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	460-31492-A-2-B DU		460-87983	460-87869	09/30/2011 21:48	1	TAL EDI	CDC
P:7470A	460-31227-A-1-B DU		460-86825	460-86793	09/21/2011 11:15	1	TAL EDI	RBS
A:7470A	460-31227-A-1-B DU		460-86825	460-86793	09/21/2011 13:46	1	TAL EDI	RBS
P:7470A	460-31813-D-7-C DU		460-88399	460-88373	10/05/2011 13:06	1	TAL EDI	RBS
A:7470A	460-31813-D-7-C DU		460-88399	460-88373	10/05/2011 15:14	1	TAL EDI	RBS

Lab ID: SD

Client ID: N/A

Sample Date/Time: 09/20/2011 11:15

Received Date/Time: 09/20/2011 17:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-31356-Q-3-A SD		460-86853	460-86800	09/21/2011 11:58	5	TAL EDI	QY
A:6010B	460-31356-Q-3-A SD		460-86853	460-86800	09/21/2011 16:44	5	TAL EDI	CDC
P:3010A	460-31356-Q-3-A PDS		460-86853	460-86800	09/21/2011 11:58	1	TAL EDI	QY
A:6010B	460-31356-Q-3-A PDS		460-86853	460-86800	09/21/2011 16:51	1	TAL EDI	CDC
P:3010A	460-31492-Q-2-C SD		460-87983	460-87869	09/30/2011 11:54	5	TAL EDI	QY
A:6010B	460-31492-Q-2-C SD		460-87983	460-87869	09/30/2011 21:55	5	TAL EDI	CDC
P:3010A	460-31492-Q-2-C PDS		460-87983	460-87869	09/30/2011 11:54	1	TAL EDI	QY
A:6010B	460-31492-Q-2-C PDS		460-87983	460-87869	09/30/2011 22:03	1	TAL EDI	CDC
P:7470A	460-31227-H-1-D SD		460-86825	460-86793	09/21/2011 11:15	5	TAL EDI	RBS
A:7470A	460-31227-H-1-D SD		460-86825	460-86793	09/21/2011 14:33	5	TAL EDI	RBS
P:7470A	460-31813-D-7-B SD		460-88399	460-88373	10/05/2011 13:06	5	TAL EDI	RBS
A:7470A	460-31813-D-7-B SD		460-88399	460-88373	10/05/2011 16:02	5	TAL EDI	RBS

Lab References:

TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method
8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
GW-17338-091611-MM-01	460-31258-1	95	92	106
GW-17338-091611-MM-02	460-31258-2	95	97	112
GW-17338-091611-MM-03	460-31258-3	93	93	113
TB-17338-091611-MM-04	460-31258-4	92	93	103
FB-17338-091611-MM-05	460-31258-5	94	99	116
	MB 460-87263/4	95	100	111
	LCS 460-87263/3	102	99	101
GW-17338-091611-MM-01 MS	460-31258-1 MS	99	97	101
GW-17338-091611-MM-01 MSD	460-31258-1 MSD	93	97	98

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: j03916.d
 Lab ID: LCS 460-87263/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.9	95	74-128	
Dichlorodifluoromethane	20.0	11.5	57	46-145	
Chloromethane	20.0	12.5	62	58-146	
Vinyl chloride	20.0	14.5	73	61-144	
Bromomethane	20.0	12.8	64	55-153	
1,2-Dibromo-3-Chloropropane	20.0	19.9	100	70-116	
1,2-Dichlorobenzene	20.0	18.4	92	82-122	
Trichlorofluoromethane	20.0	14.8	74	69-147	
1,1-Dichloroethene	20.0	18.2	91	56-139	
1,2-Dichloropropane	20.0	19.7	98	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	19.4	97	47-139	
Acetone	20.0	13.7	69	45-156	
Carbon disulfide	20.0	16.8	84	58-139	
Methyl acetate	20.0	16.6	83	50-151	
Methylene Chloride	20.0	18.9	95	79-119	
trans-1,2-Dichloroethene	20.0	17.5	87	75-122	
Chlorodibromomethane	20.0	18.8	94	80-120	
Methyl tert-butyl ether	20.0	19.1	96	71-115	
Chloroethane	20.0	16.0	80	69-145	
1,1-Dichloroethane	20.0	19.7	98	78-122	
cis-1,2-Dichloroethene	20.0	18.9	94	80-120	
2-Butanone (MEK)	20.0	18.5	92	65-114	
Chloroform	20.0	19.3	96	82-123	
Ethylbenzene	20.0	19.2	96	79-126	
Cyclohexane	20.0	19.9	100	58-133	
Carbon tetrachloride	20.0	18.9	95	73-120	
Benzene	20.0	19.2	96	83-124	
1,2-Dichloroethane	20.0	21.3	106	74-118	
Trichloroethene	20.0	18.0	90	78-119	
Methylcyclohexane	20.0	20.0	100	61-129	
Dichlorobromomethane	20.0	19.2	96	79-119	
cis-1,3-Dichloropropene	20.0	19.4	97	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	21.1	106	53-120	
Toluene	20.0	19.1	96	80-120	
trans-1,3-Dichloropropene	20.0	20.3	102	78-118	
1,1,2-Trichloroethane	20.0	20.4	102	79-119	
Tetrachloroethene	20.0	18.5	92	68-139	
2-Hexanone	20.0	20.1	101	53-121	
1,2-Dibromoethane	20.0	19.3	96	78-118	
Chlorobenzene	20.0	18.4	92	81-121	
Styrene	20.0	18.8	94	69-112	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: j03916.d
Lab ID: LCS 460-87263/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromoform	20.0	19.4	97	73-123	
Isopropylbenzene	20.0	20.1	100	80-125	
1,1,2,2-Tetrachloroethane	20.0	19.3	97	74-126	
1,3-Dichlorobenzene	20.0	19.5	97	81-126	
1,4-Dichlorobenzene	20.0	18.6	93	83-123	
1,2,4-Trichlorobenzene	20.0	21.4	107	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: j03924.d
Lab ID: 460-31258-1 MS Client ID: GW-17338-091611-MM-01 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	100	1.0 U	96.7	97	74-128	
Dichlorodifluoromethane	100	1.0 U	79.1	79	46-145	
Chloromethane	100	1.0 U	77.1	77	58-146	
Vinyl chloride	100	1.0 U	94.6	95	61-144	
Bromomethane	100	1.0 U	81.8	82	55-153	
1,2-Dibromo-3-Chloropropane	100	1.0 U	90.8	91	70-116	
1,2-Dichlorobenzene	100	1.0 U	90.2	90	82-122	
Trichlorofluoromethane	100	1.0 U	84.3	84	69-147	
1,1-Dichloroethene	100	1.0 U	95.1	95	56-139	
1,2-Dichloropropane	100	1.0 U	94.7	95	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	100	1.0 U	99.8	100	47-139	
Acetone	100	10 U	116	116	45-156	
Carbon disulfide	100	1.0 U	55.0	55	58-139	F
Methyl acetate	100	2.0 U	74.5	75	50-151	
Methylene Chloride	100	1.0 U	94.5	95	79-119	
trans-1,2-Dichloroethene	100	1.0 U	88.9	89	75-122	
Chlorodibromomethane	100	1.0 U	76.9	77	80-120	F
Methyl tert-butyl ether	100	1.0 U	86.4	86	71-115	
Chloroethane	100	1.0 U	86.8	87	69-145	
1,1-Dichloroethane	100	1.0 U	89.9	90	78-122	
cis-1,2-Dichloroethene	100	1.0 U	91.9	92	80-120	
2-Butanone (MEK)	100	10 U	77.3	77	65-114	
Chloroform	100	1.0 U	90.3	90	82-123	
Ethylbenzene	100	1.0 U	89.2	89	79-126	
Cyclohexane	100	1.0 U	93.2	93	58-133	
Carbon tetrachloride	100	1.0 U	87.7	88	73-120	
Benzene	100	1.0 U	83.4	83	83-124	
1,2-Dichloroethane	100	1.0 U	97.6	98	74-118	
Trichloroethene	100	1.0 U	146	146	78-119	F
Methylcyclohexane	100	1.0 U	101	101	61-129	
Dichlorobromomethane	100	1.0 U	86.5	86	79-119	
cis-1,3-Dichloropropene	100	1.0 U	66.4	66	80-120	F
4-Methyl-2-pentanone (MIBK)	100	10 U	95.6	96	53-120	
Toluene	100	0.29 J	91.6	91	80-120	
trans-1,3-Dichloropropene	100	1.0 U	67.7	68	78-118	F
1,1,2-Trichloroethane	100	1.0 U	92.8	93	79-119	
Tetrachloroethene	100	0.50 J	93.4	93	68-139	
2-Hexanone	100	10 U	87.3	87	53-121	
1,2-Dibromoethane	100	1.0 U	92.4	92	78-118	
Chlorobenzene	100	1.0 U	91.0	91	81-121	
Styrene	100	1.0 U	93.4	93	69-112	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: j03924.d
Lab ID: 460-31258-1 MS Client ID: GW-17338-091611-MM-01 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Bromoform	100	1.0 U	74.8	75	73-123	
Isopropylbenzene	100	1.0 U	97.1	97	80-125	
1,1,2,2-Tetrachloroethane	100	1.0 U	37.2	37	74-126	F
1,3-Dichlorobenzene	100	1.0 U	90.8	91	81-126	
1,4-Dichlorobenzene	100	1.0 U	95.8	96	83-123	
1,2,4-Trichlorobenzene	100	1.0 U	99.0	99	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: j03925.d
 Lab ID: 460-31258-1 MSD Client ID: GW-17338-091611-MM-01 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	100	95.8	96	1	30	74-128	
Dichlorodifluoromethane	100	71.9	72	10	30	46-145	
Chloromethane	100	79.5	79	3	30	58-146	
Vinyl chloride	100	92.8	93	2	30	61-144	
Bromomethane	100	76.7	77	6	30	55-153	
1,2-Dibromo-3-Chloropropane	100	89.8	90	1	30	70-116	
1,2-Dichlorobenzene	100	88.0	88	2	30	82-122	
Trichlorofluoromethane	100	81.5	81	3	30	69-147	
1,1-Dichloroethene	100	94.5	95	1	30	56-139	
1,2-Dichloropropane	100	93.5	93	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	100	96.7	97	3	30	47-139	
Acetone	100	119	119	3	30	45-156	
Carbon disulfide	100	68.0	68	21	30	58-139	
Methyl acetate	100	60.6	61	21	30	50-151	
Methylene Chloride	100	92.8	93	2	30	79-119	
trans-1,2-Dichloroethene	100	88.9	89	0	30	75-122	
Chlorodibromomethane	100	86.1	86	11	30	80-120	
Methyl tert-butyl ether	100	84.3	84	2	30	71-115	
Chloroethane	100	88.3	88	2	30	69-145	
1,1-Dichloroethane	100	85.9	86	5	30	78-122	
cis-1,2-Dichloroethene	100	93.4	93	2	30	80-120	
2-Butanone (MEK)	100	78.2	78	1	30	65-114	
Chloroform	100	93.5	93	4	30	82-123	
Ethylbenzene	100	90.6	91	2	30	79-126	
Cyclohexane	100	95.2	95	2	30	58-133	
Carbon tetrachloride	100	93.2	93	6	30	73-120	
Benzene	100	88.3	88	6	30	83-124	
1,2-Dichloroethane	100	99.3	99	2	30	74-118	
Trichloroethene	100	142	142	3	30	78-119	F
Methylcyclohexane	100	91.3	91	10	30	61-129	
Dichlorobromomethane	100	95.6	96	10	30	79-119	
cis-1,3-Dichloropropene	100	79.7	80	18	30	80-120	
4-Methyl-2-pentanone (MIBK)	100	93.4	93	2	30	53-120	
Toluene	100	93.1	93	2	30	80-120	
trans-1,3-Dichloropropene	100	81.1	81	18	30	78-118	
1,1,2-Trichloroethane	100	95.2	95	3	30	79-119	
Tetrachloroethene	100	98.1	98	5	30	68-139	
2-Hexanone	100	97.5	97	11	30	53-121	
1,2-Dibromoethane	100	91.0	91	2	30	78-118	
Chlorobenzene	100	95.0	95	4	30	81-121	
Styrene	100	95.8	96	3	30	69-112	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: j03925.d
 Lab ID: 460-31258-1 MSD Client ID: GW-17338-091611-MM-01 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Bromoform	100	89.4	89	18	30	73-123	
Isopropylbenzene	100	99.9	100	3	30	80-125	
1,1,2,2-Tetrachloroethane	100	27.9	28	29	30	74-126	F
1,3-Dichlorobenzene	100	98.8	99	8	30	81-126	
1,4-Dichlorobenzene	100	88.0	88	9	30	83-123	
1,2,4-Trichlorobenzene	100	99.8	100	1	30	66-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab File ID: j03918.d Lab Sample ID: MB 460-87263/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS8 Date Analyzed: 09/24/2011 02:14
GC Column: DB-624 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-87263/3	j03916.d	09/24/2011 01:24
GW-17338-091611-MM-01 MS	460-31258-1 MS	j03924.d	09/24/2011 04:45
GW-17338-091611-MM-01 MSD	460-31258-1 MSD	j03925.d	09/24/2011 05:10
TB-17338-091611-MM-04	460-31258-4	j03927.d	09/24/2011 06:00
FB-17338-091611-MM-05	460-31258-5	j03928.d	09/24/2011 06:25
GW-17338-091611-MM-01	460-31258-1	j03929.d	09/24/2011 06:50
GW-17338-091611-MM-02	460-31258-2	j03930.d	09/24/2011 07:16
GW-17338-091611-MM-03	460-31258-3	j03931.d	09/24/2011 07:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab File ID: j03832.d BFB Injection Date: 09/22/2011
 Instrument ID: VOAMS8 BFB Injection Time: 01:35
 Analysis Batch No.: 87107

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.0
75	30.0 - 60.0 % of mass 95	48.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	58.3
175	5.0 - 9.0 % of mass 174	4.3 (7.3) 1
176	95.0 - 101.0 % of mass 174	57.1 (98.0) 1
177	5.0 - 9.0 % of mass 176	3.7 (6.5) 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 460-87107/2	j03834.d	09/22/2011	02:30
	IC 460-87107/3	j03836.d	09/22/2011	03:20
	ICIS 460-87107/4	j03837.d	09/22/2011	03:45
	IC 460-87107/5	j03838.d	09/22/2011	04:10
	IC 460-87107/6	j03839.d	09/22/2011	04:35
	IC 460-87107/7	j03840.d	09/22/2011	05:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab File ID: j03913.d BFB Injection Date: 09/23/2011
 Instrument ID: VOAMS8 BFB Injection Time: 23:49
 Analysis Batch No.: 87263

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.6
75	30.0 - 60.0 % of mass 95	52.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	54.5
175	5.0 - 9.0 % of mass 174	3.8 (7.0) 1
176	95.0 - 101.0 % of mass 174	54.7 (100.3) 1
177	5.0 - 9.0 % of mass 176	3.2 (5.9) 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 460-87263/2	j03915.d	09/24/2011	00:43
	LCS 460-87263/3	j03916.d	09/24/2011	01:24
	MB 460-87263/4	j03918.d	09/24/2011	02:14
GW-17338-091611-MM-01 MS	460-31258-1 MS	j03924.d	09/24/2011	04:45
GW-17338-091611-MM-01 MSD	460-31258-1 MSD	j03925.d	09/24/2011	05:10
TB-17338-091611-MM-04	460-31258-4	j03927.d	09/24/2011	06:00
FB-17338-091611-MM-05	460-31258-5	j03928.d	09/24/2011	06:25
GW-17338-091611-MM-01	460-31258-1	j03929.d	09/24/2011	06:50
GW-17338-091611-MM-02	460-31258-2	j03930.d	09/24/2011	07:16
GW-17338-091611-MM-03	460-31258-3	j03931.d	09/24/2011	07:41
	CCV 460-87263/18	j03933.d	09/24/2011	08:31

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVIS 460-87263/2 Date Analyzed: 09/24/2011 00:43
 Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): j03915.d Heated Purge: (Y/N) N
 Calibration ID: 12341

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1239885	7.87	847919	11.32	339252	13.75
UPPER LIMIT		2479770	8.37	1695838	11.82	678504	14.25
LOWER LIMIT		619943	7.37	423960	10.82	169626	13.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-87263/3		1356508	7.84	892161	11.31	349538	13.73
MB 460-87263/4		1134092	7.86	804067	11.32	290328	13.74
460-31258-1 MS	GW-17338-091611-MM-01 MS	1005911	7.86	741165	11.32	308643	13.74
460-31258-1 MSD	GW-17338-091611-MM-01 MSD	1006178	7.85	722555	11.31	306127	13.73
460-31258-4	TB-17338-091611-MM-04	1016228	7.85	735713	11.31	275141	13.74
460-31258-5	FB-17338-091611-MM-05	1069432	7.86	762193	11.31	269017	13.74
460-31258-1	GW-17338-091611-MM-01	1089640	7.86	794300	11.31	281605	13.74
460-31258-2	GW-17338-091611-MM-02	1085001	7.85	780378	11.31	285962	13.73
460-31258-3	GW-17338-091611-MM-03	1077273	7.86	809229	11.31	273737	13.74
CCV 460-87263/18		1091067	7.85	785375	11.31	323344	13.73

FB = Fluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1

Matrix: Water Lab File ID: j03929.d

Analysis Method: 8260B Date Collected: 09/16/2011 08:30

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:50

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	0.29	J	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1
 Matrix: Water Lab File ID: j03929.d
 Analysis Method: 8260B Date Collected: 09/16/2011 08:30
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:50
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.50	J	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-122
460-00-4	4-Bromofluorobenzene	106		69-135
2037-26-5	Toluene-d8 (Surr)	92		69-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1
Matrix: Water Lab File ID: j03929.d
Analysis Method: 8260B Date Collected: 09/16/2011 08:30
Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:50
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 87263 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03929.d
 Report Date: 26-Sep-2011 10:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03929.d
 Lab Smp Id: 460-31258-A-1 Client Smp ID: GW-17338-091611-MM-
 Inj Date : 24-SEP-2011 06:50
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31258-A-1
 Misc Info : 460-31258-A-1
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	(ug/L)	FINAL
=====	=====	==	=====	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.446	7.453	(0.948)	390820	47.4645		47
* 52 Fluorobenzene	96	7.857	7.865	(1.000)	1089640	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.717	9.723	(0.859)	821016	45.7621		46
66 Toluene	91	9.788	9.806	(0.865)	7031	0.29174		0.29(aH)
71 Tetrachloroethene	166	10.426	10.408	(0.922)	4140	0.50003		0.50(a)
* 78 Chlorobenzene-d5	117	11.312	11.320	(1.000)	794300	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.506	12.517	(0.910)	314077	53.1953		53
* 108 1,4-Dichlorobenzene-d4	152	13.735	13.751	(1.000)	281605	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03929.d
Report Date: 26-Sep-2011 10:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03929.d
Lab Smp Id: 460-31258-A-1 Client Smp ID: GW-17338-091611-MM-
Inj Date : 24-SEP-2011 06:50
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31258-A-1
Misc Info : 460-31258-A-1
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03929.d

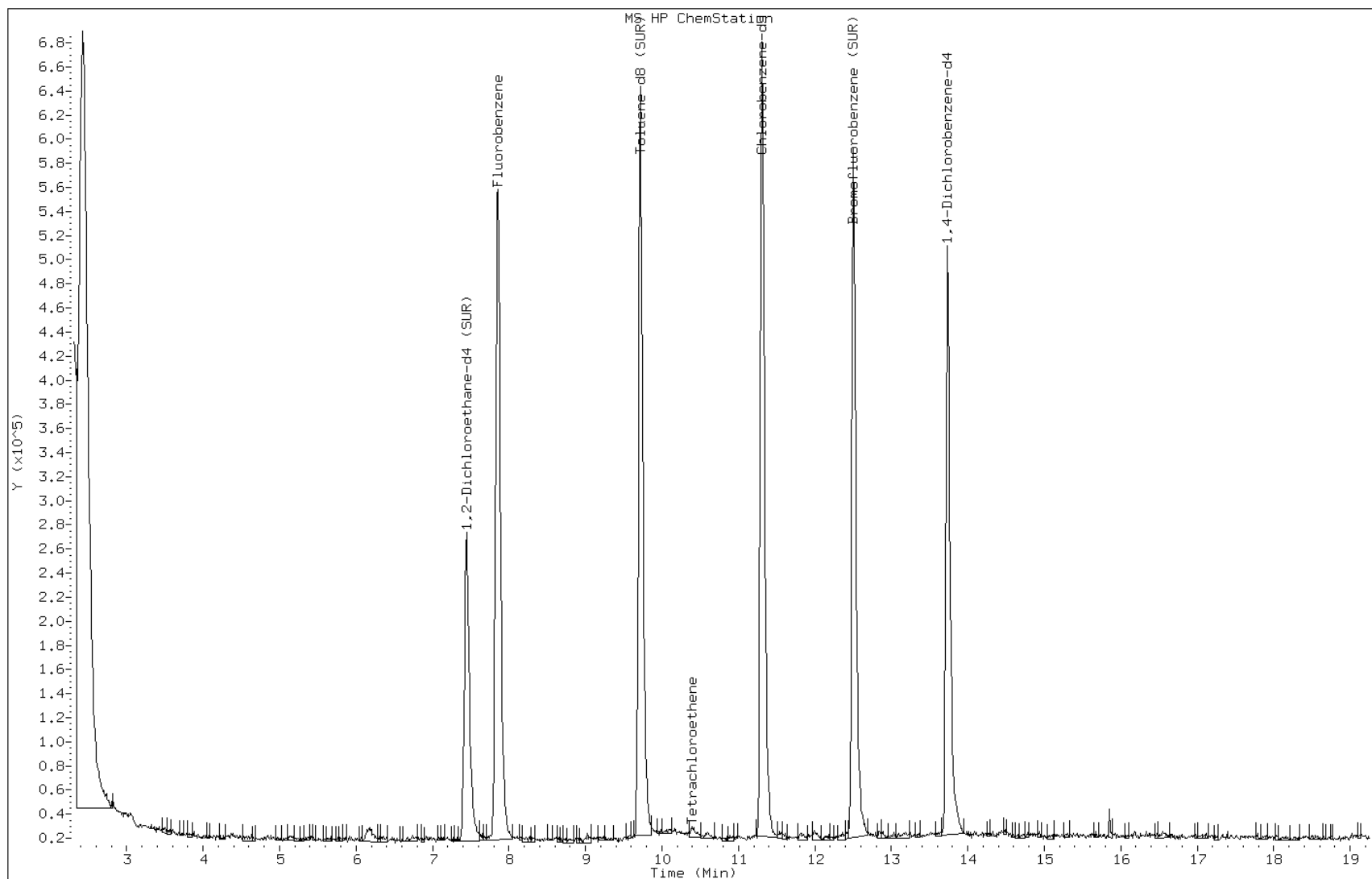
Date: 24-SEP-2011 06:50

Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-1

Operator:



Data File: j03929.d

Date: 24-SEP-2011 06:50

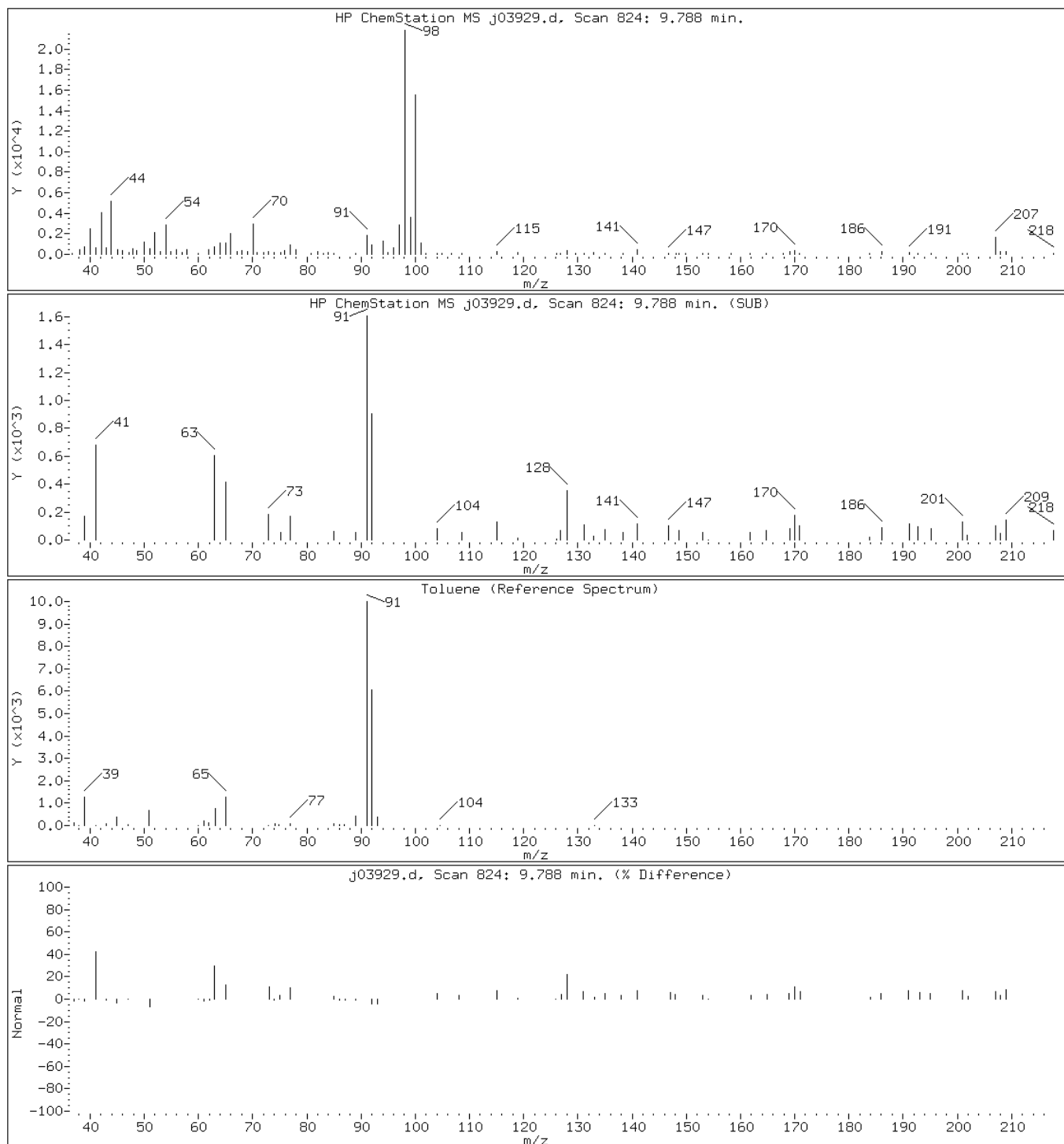
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-1

Operator:

66 Toluene



Data File: j03929.d

Date: 24-SEP-2011 06:50

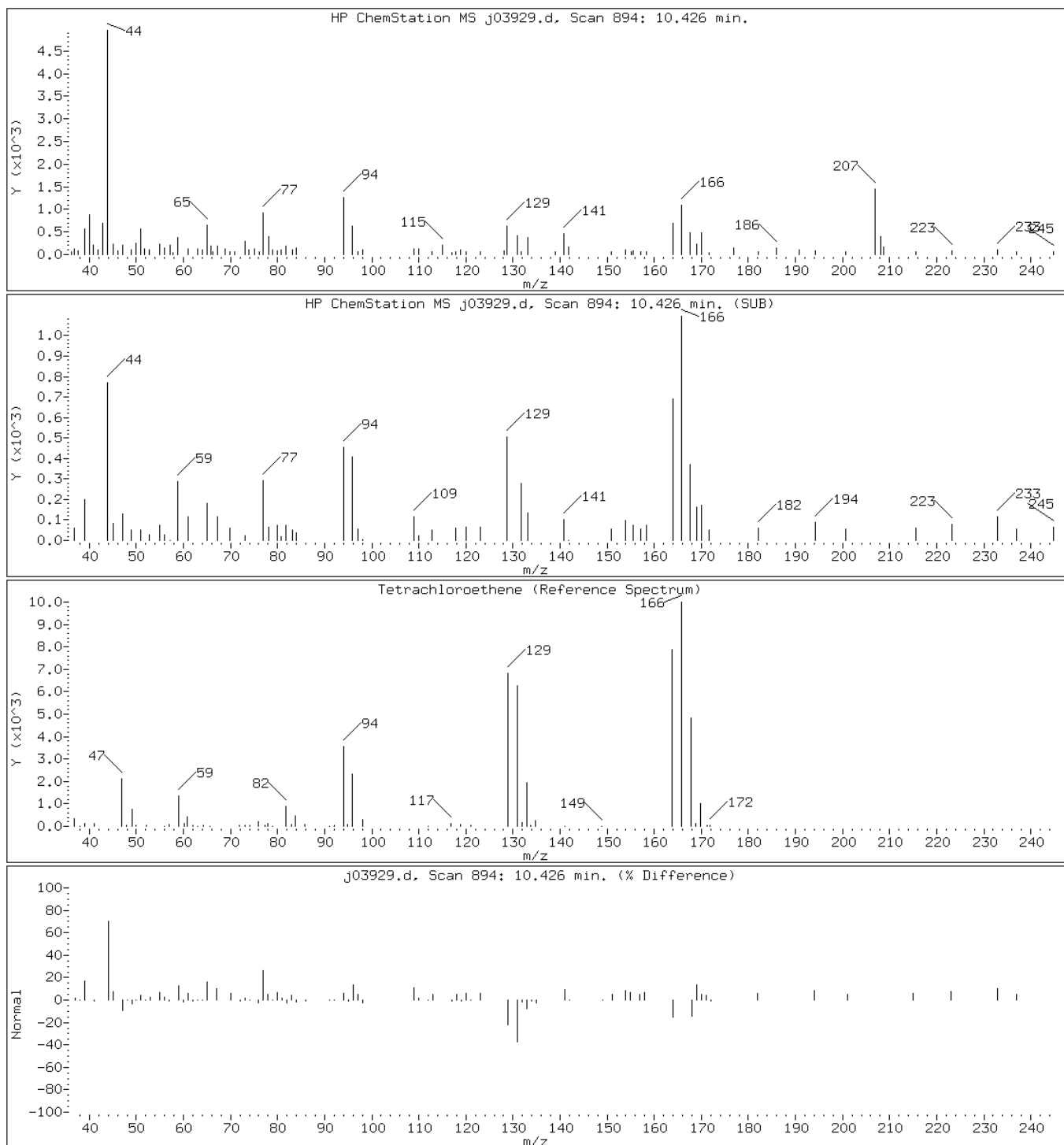
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-1

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
 Matrix: Water Lab File ID: j03930.d
 Analysis Method: 8260B Date Collected: 09/16/2011 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 07:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	0.40	J	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	0.35	J	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
 Matrix: Water Lab File ID: j03930.d
 Analysis Method: 8260B Date Collected: 09/16/2011 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 07:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.87	J	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-122
460-00-4	4-Bromofluorobenzene	112		69-135
2037-26-5	Toluene-d8 (Surr)	97		69-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
Matrix: Water Lab File ID: j03930.d
Analysis Method: 8260B Date Collected: 09/16/2011 10:50
Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 07:16
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 87263 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03930.d
 Report Date: 26-Sep-2011 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03930.d
 Lab Smp Id: 460-31258-A-2 Client Smp ID: GW-17338-091611-MM-
 Inj Date : 24-SEP-2011 07:16
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31258-A-2
 Misc Info : 460-31258-A-2
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 17
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	====	==	=====	=====	=====	=====	=====
28 MTBE	73	5.168	5.176	(0.658)	8831	0.40018	0.40(a)
42 Chloroform	83	6.787	6.789	(0.865)	6808	0.35424	0.35(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.444	7.453	(0.948)	390110	47.5808	48
* 52 Fluorobenzene	96	7.850	7.865	(1.000)	1085001	50.0000	
\$ 65 Toluene-d8 (SUR)	98	9.713	9.723	(0.859)	855329	48.5252	48
71 Tetrachloroethene	166	10.398	10.408	(0.919)	7081	0.87050	0.87(a)
* 78 Chlorobenzene-d5	117	11.310	11.320	(1.000)	780378	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	12.511	12.517	(0.911)	334447	55.7824	56
* 108 1,4-Dichlorobenzene-d4	152	13.730	13.751	(1.000)	285962	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03930.d
Report Date: 26-Sep-2011 10:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03930.d
Lab Smp Id: 460-31258-A-2 Client Smp ID: GW-17338-091611-MM-
Inj Date : 24-SEP-2011 07:16
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31258-A-2
Misc Info : 460-31258-A-2
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03930.d

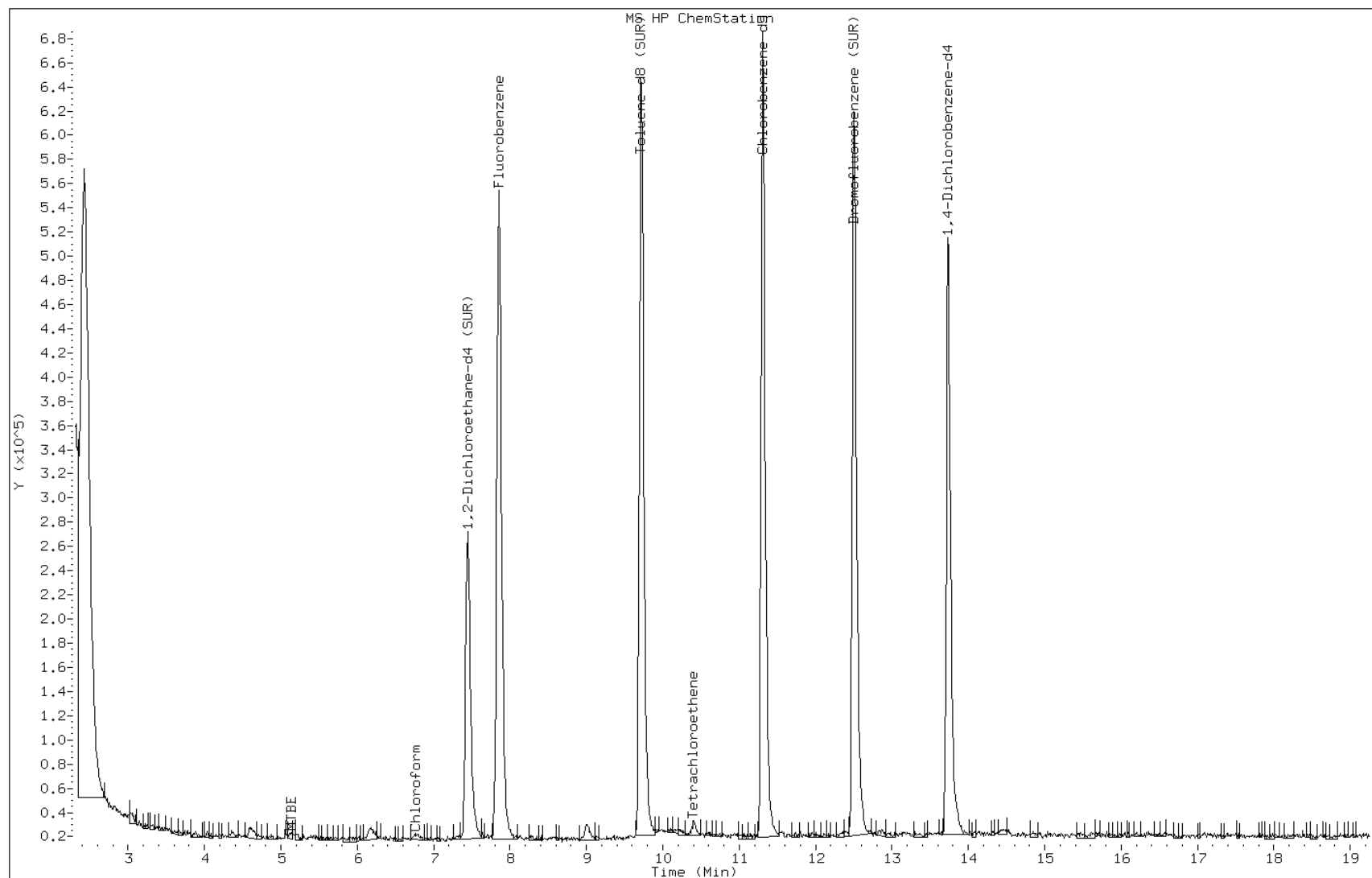
Date: 24-SEP-2011 07:16

Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-2

Operator:



Data File: j03930.d

Date: 24-SEP-2011 07:16

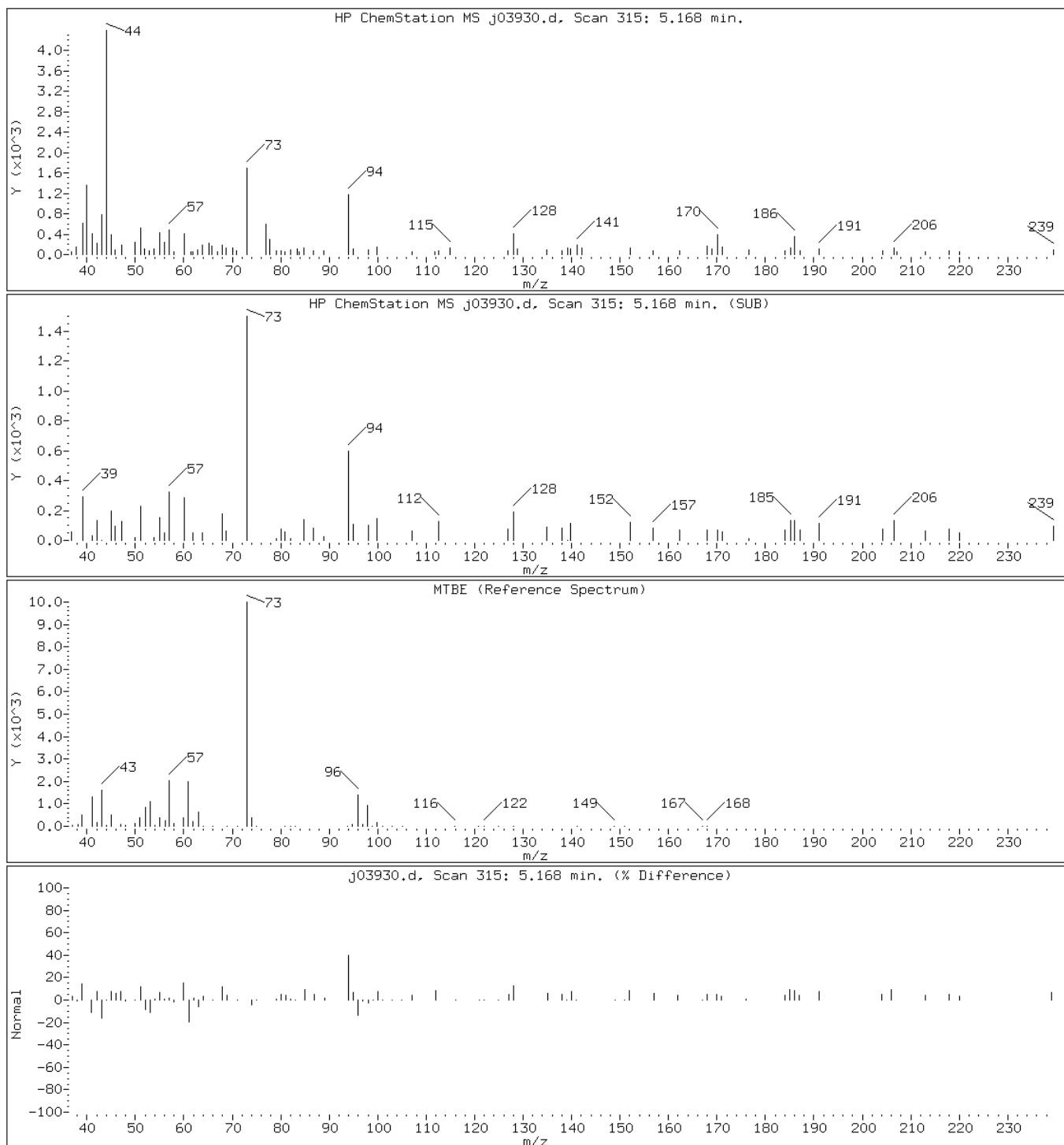
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-2

Operator:

28 MTBE



Data File: j03930.d

Date: 24-SEP-2011 07:16

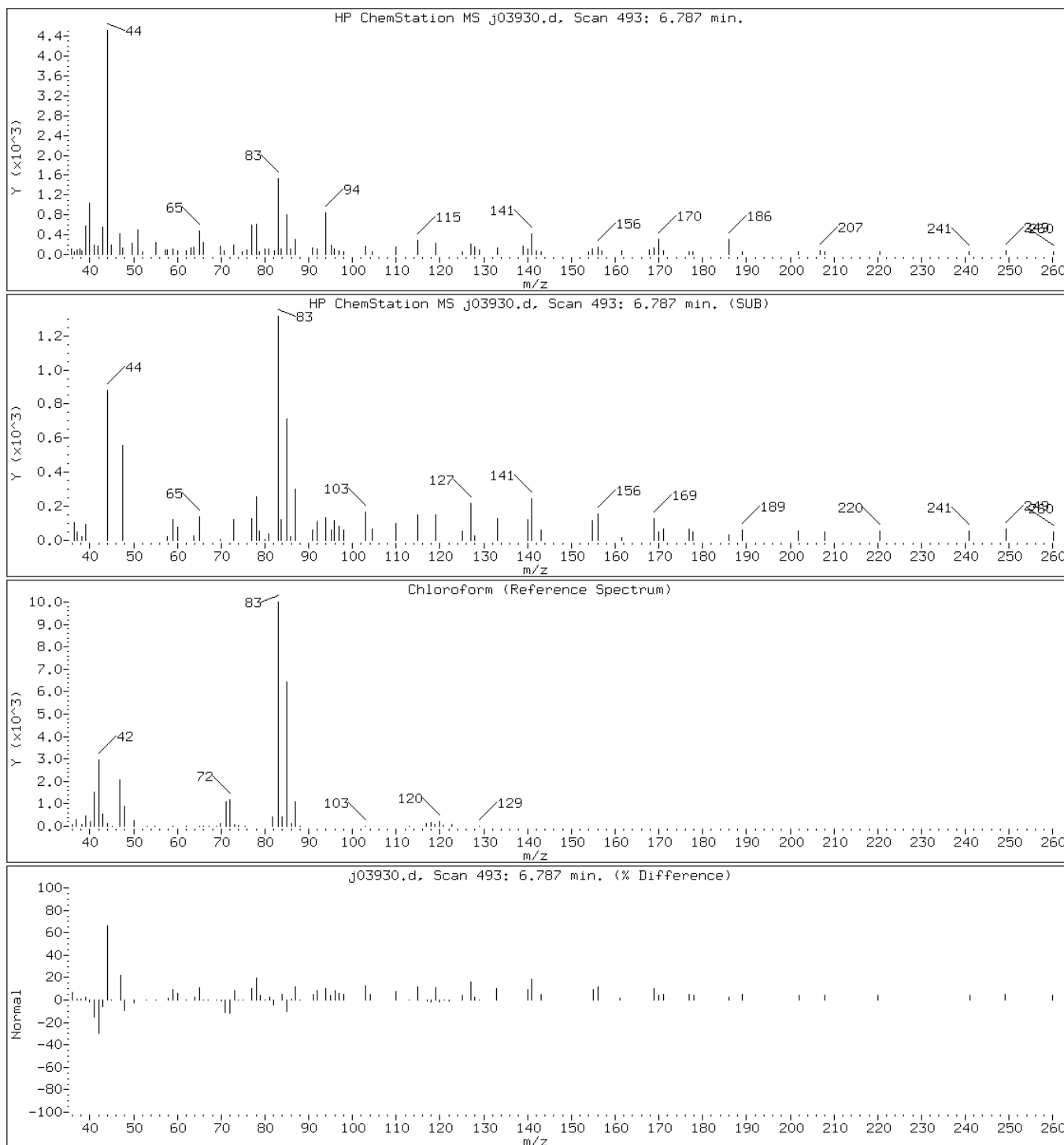
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-2

Operator:

42 Chloroform



Data File: j03930.d

Date: 24-SEP-2011 07:16

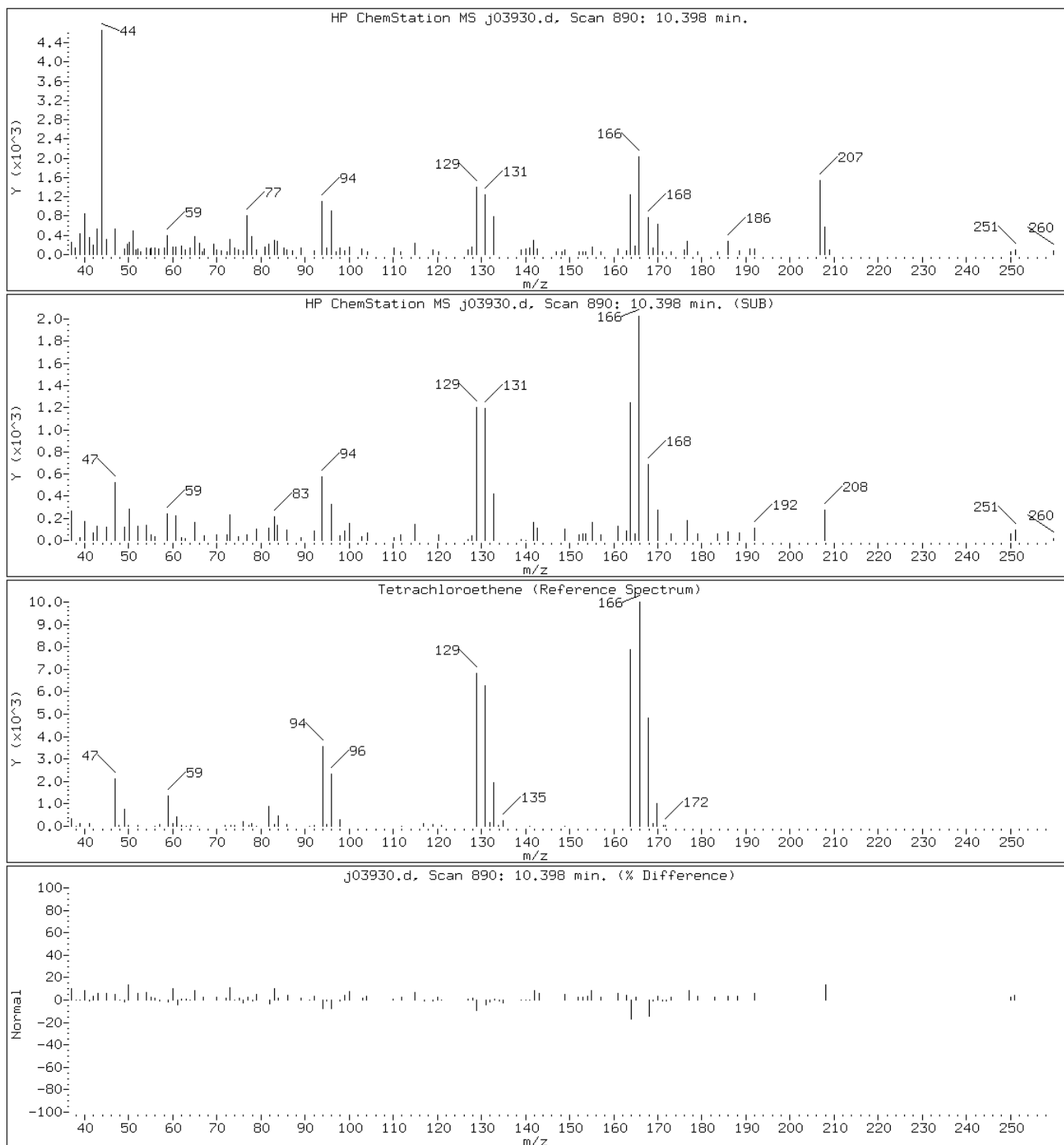
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-2

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3

Matrix: Water Lab File ID: j03931.d

Analysis Method: 8260B Date Collected: 09/16/2011 12:15

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 07:41

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	0.43	J	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.74	J	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
 Matrix: Water Lab File ID: j03931.d
 Analysis Method: 8260B Date Collected: 09/16/2011 12:15
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 07:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	8.9		1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-122
460-00-4	4-Bromofluorobenzene	113		69-135
2037-26-5	Toluene-d8 (Surr)	93		69-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
Matrix: Water Lab File ID: j03931.d
Analysis Method: 8260B Date Collected: 09/16/2011 12:15
Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 07:41
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 87263 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03931.d
 Report Date: 26-Sep-2011 10:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03931.d
 Lab Smp Id: 460-31258-A-3 Client Smp ID: GW-17338-091611-MM-
 Inj Date : 24-SEP-2011 07:41
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31258-A-3
 Misc Info : 460-31258-A-3
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 18
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
36 cis-1,2-Dichloroethene		96	6.395	6.397 (0.814)		4073	0.43241	0.43(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	7.439	7.453 (0.947)		378150	46.4529	46
* 52 Fluorobenzene		96	7.858	7.865 (1.000)		1077273	50.0000	
54 Trichloroethene		95	8.314	8.313 (1.058)		7386	0.73656	0.74(a)
\$ 65 Toluene-d8 (SUR)		98	9.715	9.723 (0.859)		852062	46.6164	47
71 Tetrachloroethene		166	10.400	10.408 (0.919)		75156	8.90988	8.9
* 78 Chlorobenzene-d5		117	11.311	11.320 (1.000)		809229	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	12.509	12.517 (0.910)		324656	56.5676	56
* 108 1,4-Dichlorobenzene-d4		152	13.740	13.751 (1.000)		273737	50.0000	
M 120 1,2-Dichloroethene (Total)		100				4073	0.43676	0.44(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03931.d
Report Date: 26-Sep-2011 10:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03931.d
Lab Smp Id: 460-31258-A-3 Client Smp ID: GW-17338-091611-MM-
Inj Date : 24-SEP-2011 07:41
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31258-A-3
Misc Info : 460-31258-A-3
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03931.d

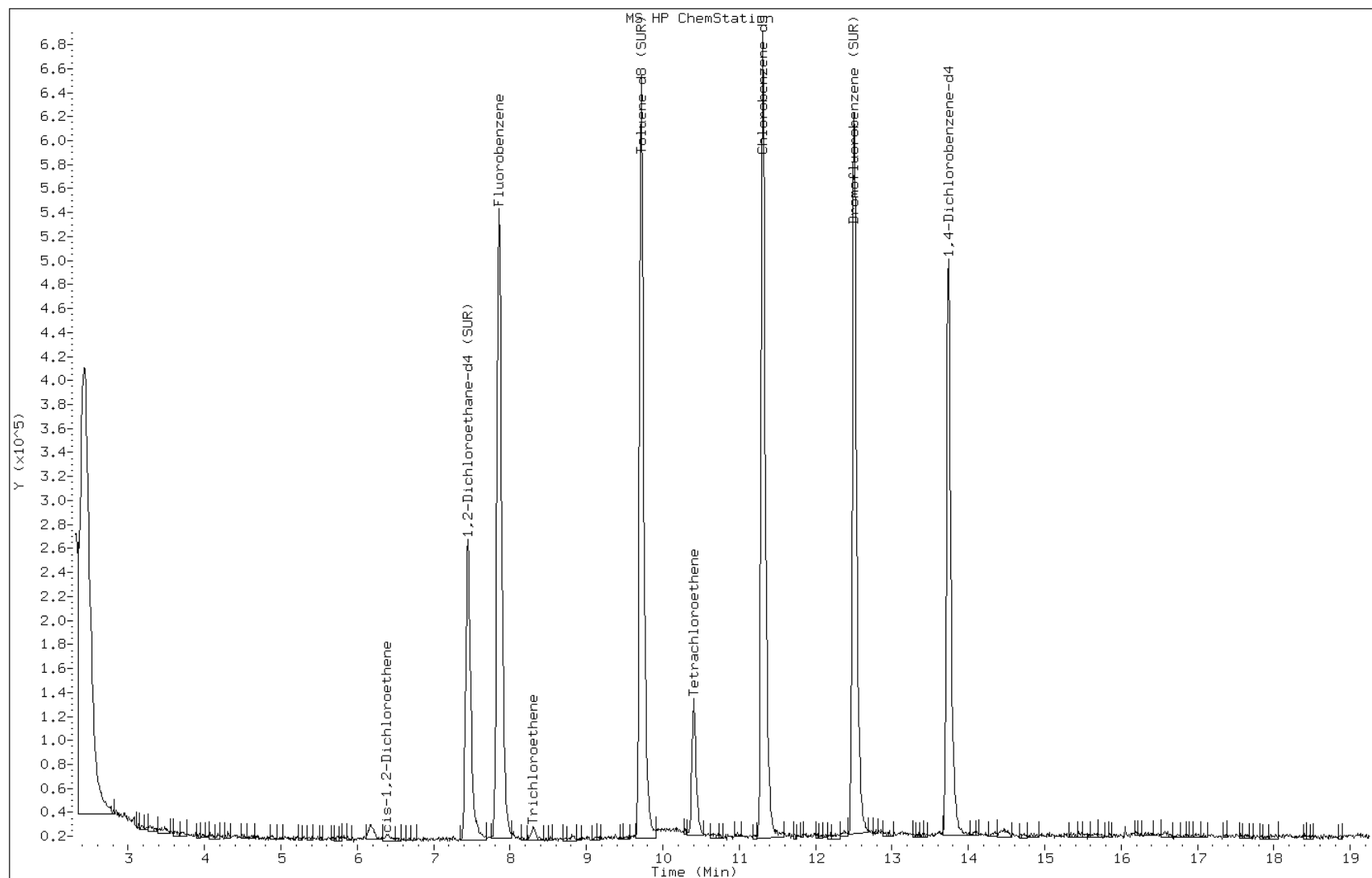
Date: 24-SEP-2011 07:41

Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-3

Operator:



Data File: j03931.d

Date: 24-SEP-2011 07:41

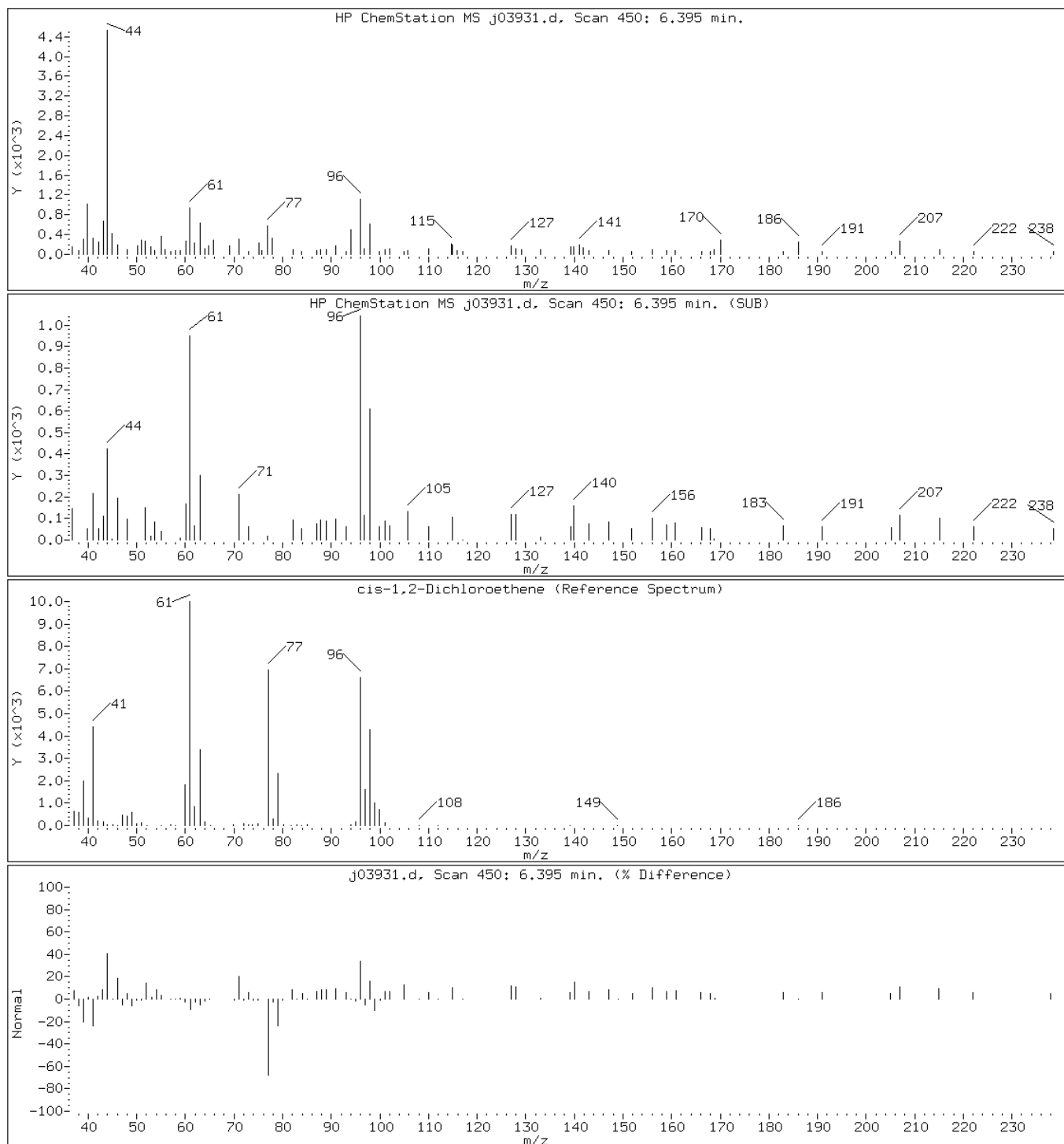
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-3

Operator:

36 cis-1,2-Dichloroethene



Data File: j03931.d

Date: 24-SEP-2011 07:41

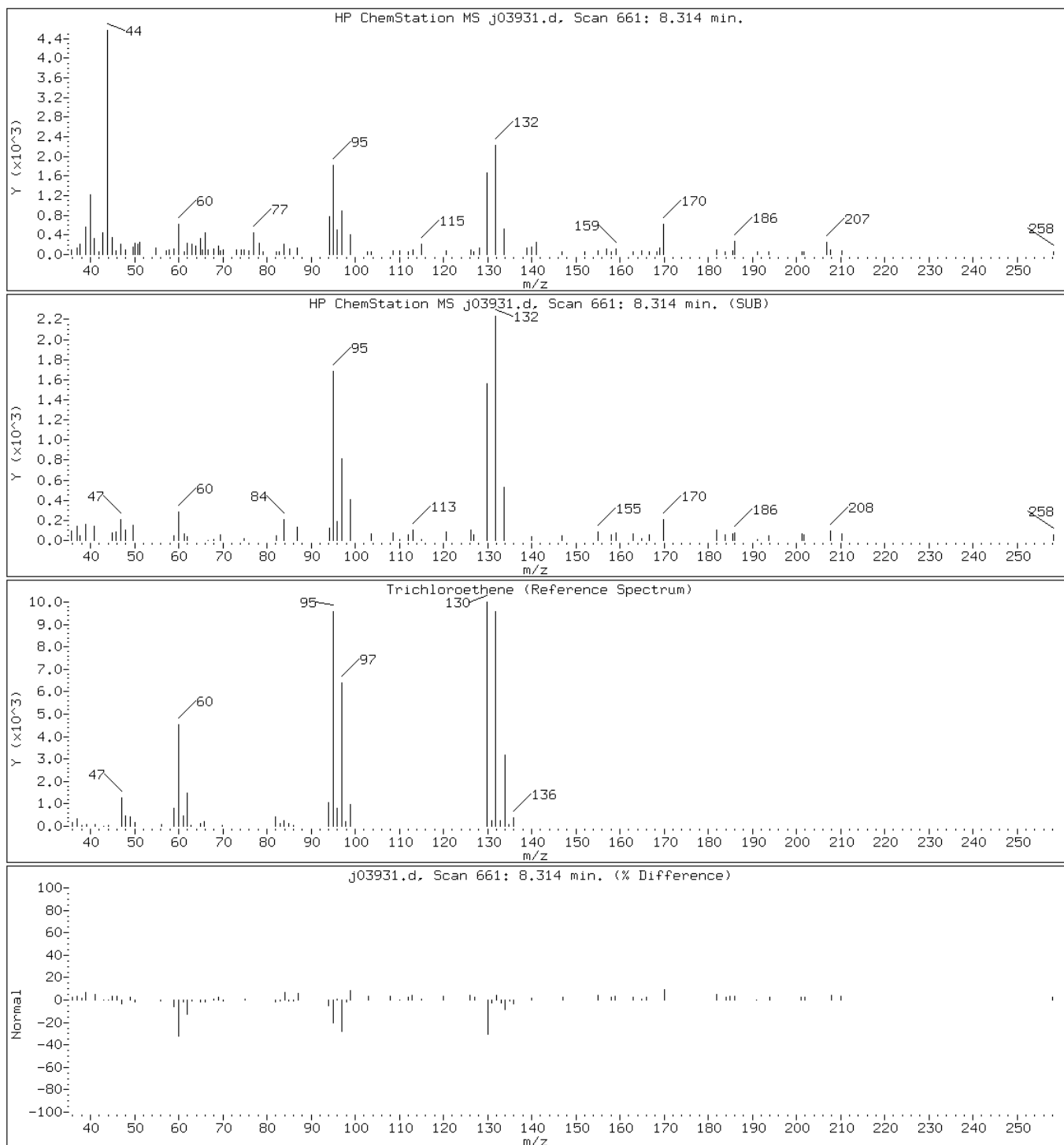
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-3

Operator:

54 Trichloroethene



Data File: j03931.d

Date: 24-SEP-2011 07:41

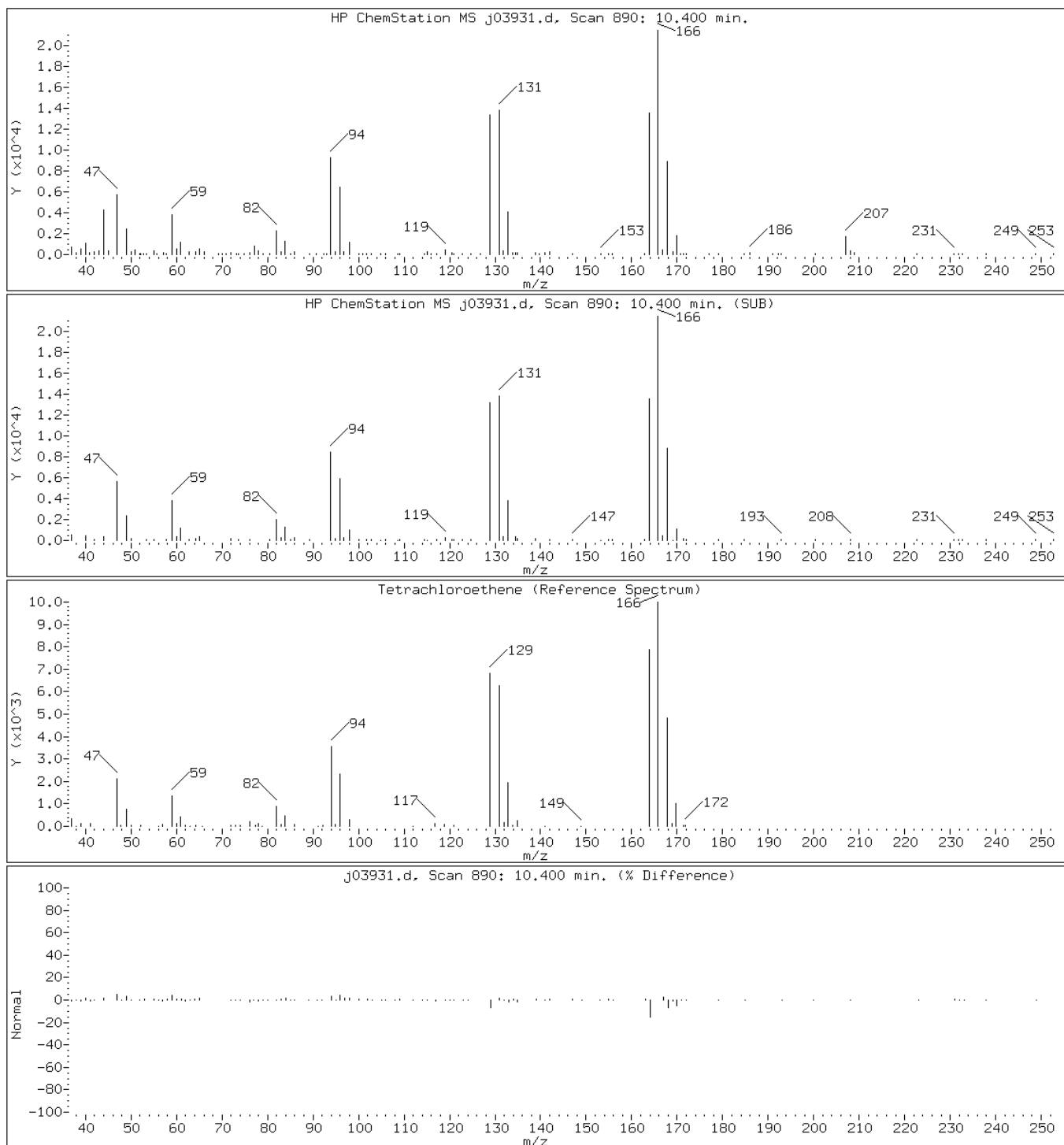
Client ID: GW-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-3

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: TB-17338-091611-MM-04 Lab Sample ID: 460-31258-4

Matrix: Water Lab File ID: j03927.d

Analysis Method: 8260B Date Collected: 09/16/2011 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: TB-17338-091611-MM-04 Lab Sample ID: 460-31258-4
 Matrix: Water Lab File ID: j03927.d
 Analysis Method: 8260B Date Collected: 09/16/2011 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-122
460-00-4	4-Bromofluorobenzene	103		69-135
2037-26-5	Toluene-d8 (Surr)	93		69-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: TB-17338-091611-MM-04 Lab Sample ID: 460-31258-4
Matrix: Water Lab File ID: j03927.d
Analysis Method: 8260B Date Collected: 09/16/2011 00:00
Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:00
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 87263 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03927.d
 Report Date: 26-Sep-2011 10:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03927.d
 Lab Smp Id: 460-31258-A-4 Client Smp ID: TB-17338-091611-MM-
 Inj Date : 24-SEP-2011 06:00
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31258-A-4
 Misc Info : 460-31258-A-4
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.450	7.453 (0.949)	353362	46.0154	46		
* 52 Fluorobenzene	96	7.852	7.865 (1.000)	1016228	50.0000			
\$ 65 Toluene-d8 (SUR)	98	9.716	9.723 (0.859)	775545	46.6700	47		
* 78 Chlorobenzene-d5	117	11.311	11.320 (1.000)	735713	50.0000			
\$ 89 Bromofluorobenzene (SUR)	174	12.502	12.517 (0.910)	298496	51.7441	52		
* 108 1,4-Dichlorobenzene-d4	152	13.739	13.751 (1.000)	275141	50.0000			

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03927.d
Report Date: 26-Sep-2011 10:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03927.d
Lab Smp Id: 460-31258-A-4 Client Smp ID: TB-17338-091611-MM-
Inj Date : 24-SEP-2011 06:00
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31258-A-4
Misc Info : 460-31258-A-4
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03927.d

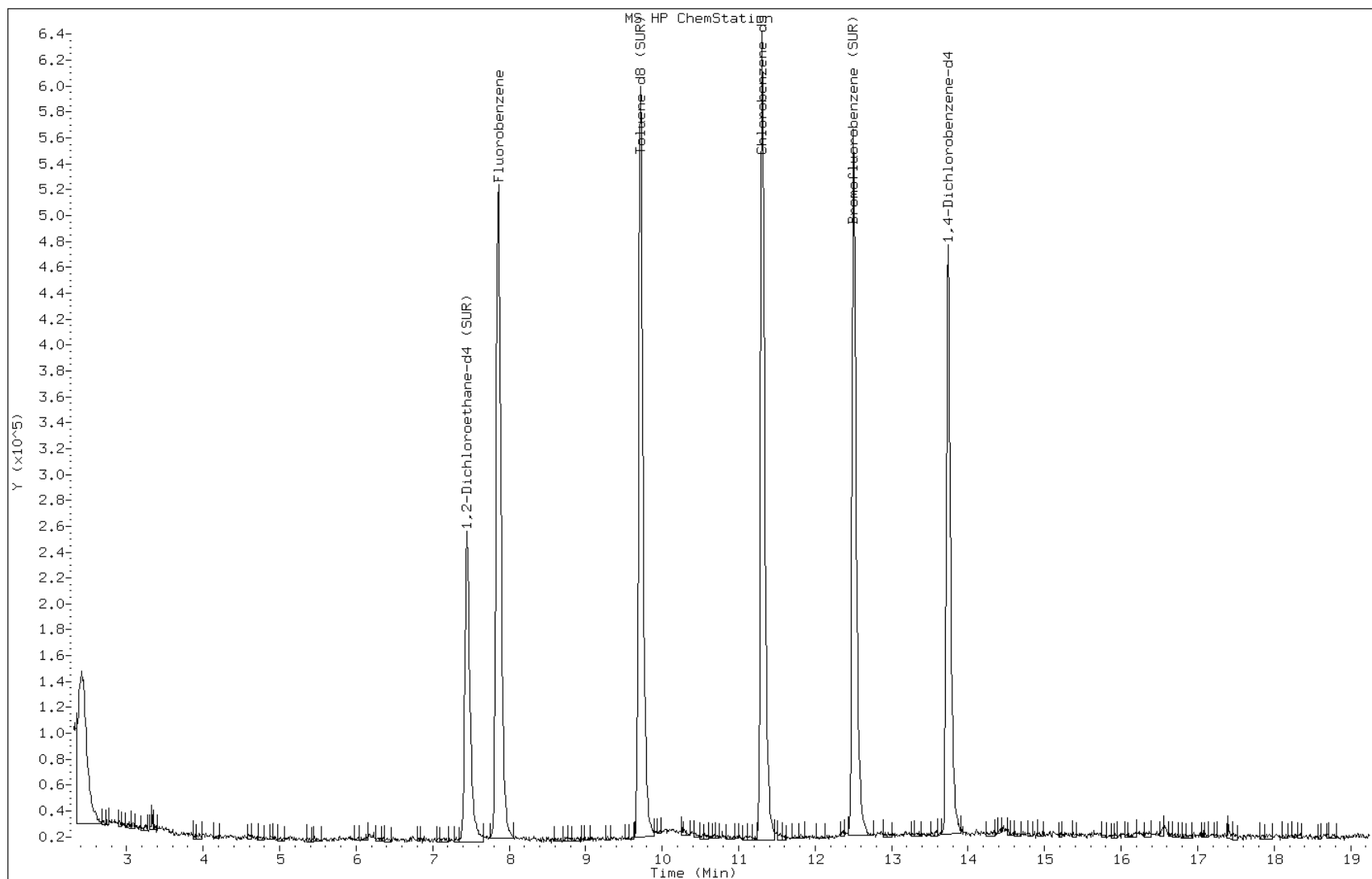
Date: 24-SEP-2011 06:00

Client ID: TB-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-4

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: FB-17338-091611-MM-05 Lab Sample ID: 460-31258-5

Matrix: Water Lab File ID: j03928.d

Analysis Method: 8260B Date Collected: 09/16/2011 07:30

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: FB-17338-091611-MM-05 Lab Sample ID: 460-31258-5
 Matrix: Water Lab File ID: j03928.d
 Analysis Method: 8260B Date Collected: 09/16/2011 07:30
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-122
460-00-4	4-Bromofluorobenzene	116		69-135
2037-26-5	Toluene-d8 (Surr)	99		69-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: FB-17338-091611-MM-05 Lab Sample ID: 460-31258-5
Matrix: Water Lab File ID: j03928.d
Analysis Method: 8260B Date Collected: 09/16/2011 07:30
Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 06:25
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 87263 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03928.d
 Report Date: 26-Sep-2011 10:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03928.d
 Lab Smp Id: 460-31258-A-5 Client Smp ID: FB-17338-091611-MM-
 Inj Date : 24-SEP-2011 06:25
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31258-A-5
 Misc Info : 460-31258-A-5
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.447	7.453	(0.948)	377874	46.7594	47
* 52 Fluorobenzene	96	7.855	7.865	(1.000)	1069432	50.0000	
\$ 65 Toluene-d8 (SUR)	98	9.713	9.723	(0.859)	849053	49.3184	49
* 78 Chlorobenzene-d5	117	11.309	11.320	(1.000)	762193	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	12.504	12.517	(0.910)	326615	57.9074	58
* 108 1,4-Dichlorobenzene-d4	152	13.737	13.751	(1.000)	269017	50.0000	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03928.d
Report Date: 26-Sep-2011 10:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03928.d
Lab Smp Id: 460-31258-A-5 Client Smp ID: FB-17338-091611-MM-
Inj Date : 24-SEP-2011 06:25
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31258-A-5
Misc Info : 460-31258-A-5
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03928.d

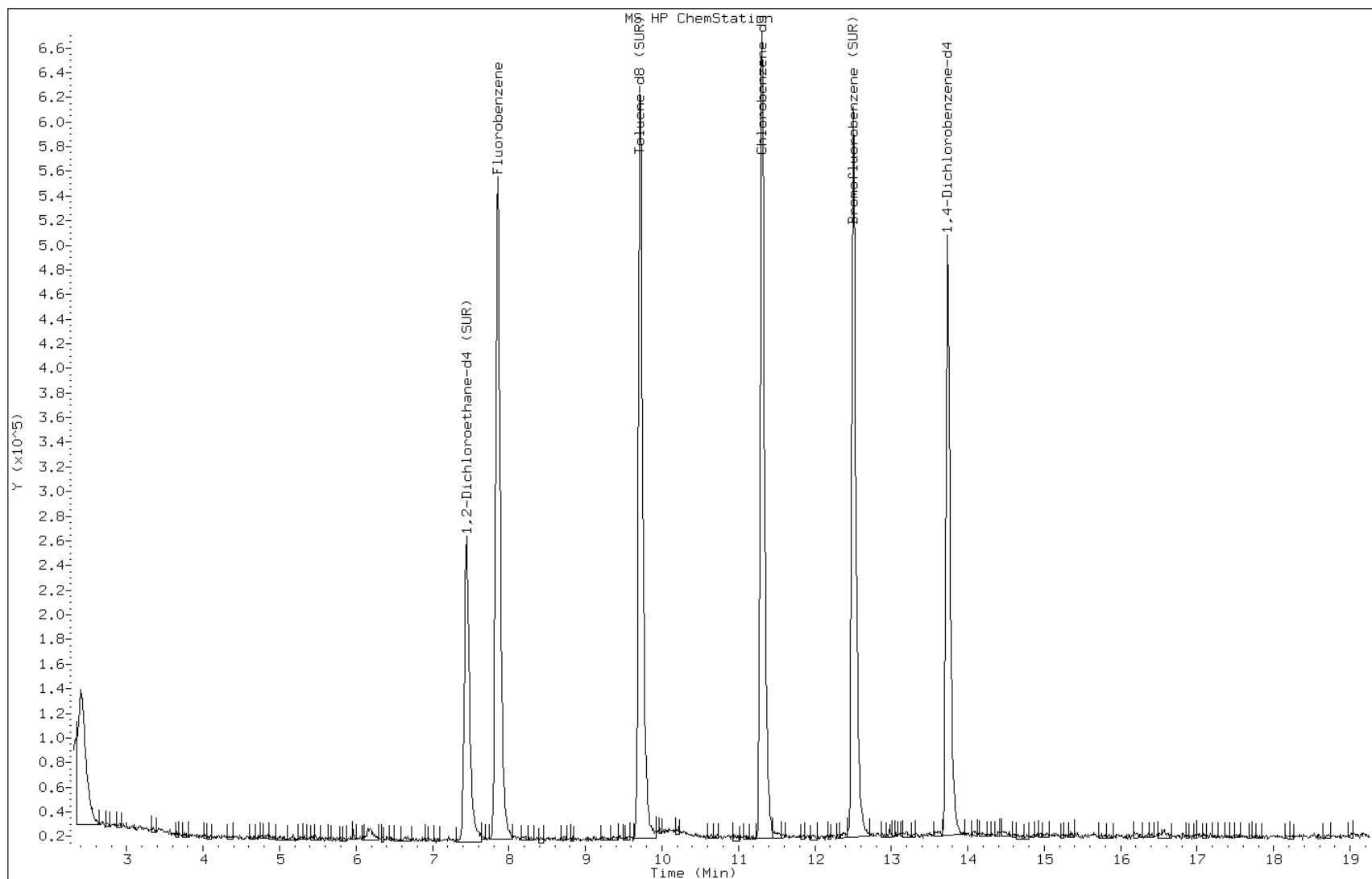
Date: 24-SEP-2011 06:25

Client ID: FB-17338-091611-MM-

Instrument: VOAMS8.i

Sample Info: 460-31258-A-5

Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87107/2	j03834.d
Level 2	IC 460-87107/3	j03836.d
Level 3	ICIS 460-87107/4	j03837.d
Level 4	IC 460-87107/5	j03838.d
Level 5	IC 460-87107/6	j03839.d
Level 6	IC 460-87107/7	j03840.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	0.4193 0.6975	0.6015	0.5825	0.5270	0.6063	QuaF		1.7782	-0.049						0.9999		0.9900
Chloromethane	0.3402 0.5131	0.3857	0.3925	0.3760	0.4519	QuaF		2.3891	-0.086						0.9998		0.9900
Vinyl chloride	0.3494 0.5171	0.3621	0.3893	0.3811	0.4686	QuaF		2.2876	-0.069						0.9998		0.9900
Bromomethane	0.3968 0.4253	0.3789	0.3825	0.3491	0.4082	Ave		0.3901			0.1000	6.8		30.0			
Chloroethane	0.2212 0.2583	0.2374	0.2419	0.2270	0.2523	Ave		0.2397			0.1000	6.0		30.0			
Trichlorofluoromethane	0.6043 0.8948	0.7594	0.8085	0.7380	0.8077	Ave		0.7688			0.1000	12.6		30.0			
Ethyl ether	0.2586 0.2871	0.2663	0.2855	0.2697	0.2890	Ave		0.2760			0.1000	4.6		30.0			
1,1-Dichloroethene	0.3183 0.3826	0.3659	0.3668	0.3494	0.3775	Ave		0.3601			0.1000	6.5		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4895 0.6877	0.6525	0.6630	0.5382	0.6508	Ave		0.6136			0.1000	13.0		30.0			
Acetone	0.0250 0.0230	0.0213	0.0254	0.0241	0.0226	Ave		0.0236		*	0.1000	6.7		30.0			
Iodomethane	0.9182 1.0003	1.0215	0.9795	0.8920	1.0469	Ave		0.9764			0.1000	6.2		30.0			
Carbon disulfide	0.9654 1.1636	1.1000	1.1330	1.0474	1.2000	Ave		1.1016			0.1000	7.7		30.0			
Methyl acetate	0.1292 0.0787	0.0878	0.0775	0.0736	0.0804	LinF		0.0789							0.9998		0.9900
Methylene Chloride	0.4346 0.4511	0.4765	0.4320	0.4303	0.4607	Ave		0.4475			0.1000	4.2		30.0			
2-Methyl-2-propanol	0.0323 ++++	0.0292	0.0298	0.0279	0.0305	Ave		0.0299		*	0.1000	5.5		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 Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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 tert-butyl ether	1.1157 0.9937	1.0761	1.0213	0.9450	1.0040	Ave		1.0260			0.1000	6.0		30.0			
Acrylonitrile	0.1040 0.1070	0.0826	0.0875	0.0863	0.0964	Ave		0.0940		*	0.1000	10.7		30.0			
trans-1,2-Dichloroethene	0.3442 0.4310	0.4353	0.4209	0.4064	0.4303	Ave		0.4114			0.1000	8.4		30.0			
Hexane	0.1131 0.1444	0.1548	0.1442	0.1014	0.1329	LinF		0.1427							0.9977		0.9900
1,1-Dichloroethane	0.8442 0.8003	0.8775	0.8640	0.8187	0.8541	Ave		0.8431			0.1000	3.4		30.0			
Isopropyl ether	2.1841 1.6112	2.1004	2.0173	1.7843	1.8714	Ave		1.9281			0.1000	11.1		30.0			
Vinyl acetate	1.8624 1.1536	1.5275	1.3371	1.1878	1.2314	LinF		1.1654							0.9991		0.9900
Tert-butyl ethyl ether	1.5318 1.3533	1.5120	1.5089	1.3414	1.4721	Ave		1.4532			0.1000	5.8		30.0			
cis-1,2-Dichloroethene	0.4279 0.4569	0.4449	0.4618	0.4248	0.4600	Ave		0.4460			0.1000	3.7		30.0			
2-Butanone (MEK)	0.0308 0.0338	0.0278	0.0315	0.0320	0.0336	Ave		0.0316		*	0.1000	7.0		30.0			
2,2-Dichloropropane	0.6583 0.6188	0.7085	0.6677	0.5970	0.6290	Ave		0.6466			0.1000	6.2		30.0			
Ethyl acetate	0.0404 0.0428	0.0378	0.0472	0.0399	0.0421	Ave		0.0417		*	0.1000	7.8		30.0			
Chlorobromomethane	0.2864 0.2848	0.2969	0.2726	0.2754	0.2841	Ave		0.2833			0.1000	3.1		30.0			
Tetrahydrofuran	0.1282 0.0944	0.1217	0.1056	0.0920	0.0973	Ave		0.1065			0.1000	14.2		30.0			
Chloroform	0.8621 0.8651	0.9850	0.9145	0.8791	0.9233	Ave		0.9049			0.1000	5.2		30.0			
1,1,1-Trichloroethane	0.5609 0.6747	0.7195	0.6825	0.6689	0.6897	Ave		0.6660			0.1000	8.2		30.0			
Cyclohexane	0.4137 0.4099	0.4626	0.4165	0.3327	0.3965	Ave		0.4053			0.1000	10.4		30.0			
1,1-Dichloropropene	0.5340 0.5753	0.6546	0.6327	0.5970	0.6249	Ave		0.6031			0.1000	7.3		30.0			
Carbon tetrachloride	0.5307 0.6229	0.6199	0.6260	0.5821	0.6393	Ave		0.6035			0.1000	6.7		30.0			
Benzene	1.6309 1.4112	1.5647	1.6073	1.6103	1.6250	Ave		1.5749			0.1000	5.3		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 Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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								
Isopropyl acetate	1.4933 0.9227	1.2881	1.2273	1.1227	1.1291	LinF		0.9587							0.9911		0.9900
1,2-Dichloroethane	0.4796 0.4750	0.5660	0.5342	0.4985	0.5104	Ave		0.5106			0.1000	6.8		30.0			
Tert-amyl methyl ether	1.2100 1.0279	1.2214	1.1795	1.0643	1.1272	Ave		1.1384			0.1000	7.0		30.0			
Trichloroethene	0.4203 0.4510	0.4823	0.4729	0.4556	0.4687	Ave		0.4585			0.1000	4.8		30.0			
Ethyl acrylate	0.7086 0.5162	0.5674	0.5372	0.4951	0.5392	Ave		0.5606			0.1000	13.6		30.0			
Methylcyclohexane	0.2096 0.2636	0.2797	0.2737	0.2036	0.2586	Ave		0.2481			0.1000	13.3		30.0			
1,2-Dichloropropane	0.4955 0.4823	0.5561	0.5272	0.4905	0.5069	Ave		0.5098			0.1000	5.4		30.0			
Methyl methacrylate	0.1312 0.0934	0.1004	0.1038	0.0936	0.0986	Ave		0.1035			0.1000	13.7		30.0			
Dibromomethane	0.4750 0.3982	0.4452	0.4431	0.4118	0.4205	Ave		0.4323			0.1000	6.4		30.0			
Dichlorobromomethane	0.8918 0.8121	0.9437	0.9140	0.8569	0.8956	Ave		0.8857			0.1000	5.2		30.0			
2-Chloroethyl vinyl ether	0.2594 0.2555	0.2501	0.2294	0.2308	0.2786	Ave		0.2506			0.1000	7.4		30.0			
Epichlorohydrin	0.0542 0.0508	0.0509	0.0548	0.0527	0.0545	Ave		0.0530		*	0.1000	3.4		30.0			
cis-1,3-Dichloropropene	1.1168 0.9785	1.0186	1.0646	1.0433	1.0844	Ave		1.0510			0.1000	4.7		30.0			
4-Methyl-2-pentanone (MIBK)	0.6040 0.5960	0.5609	0.5908	0.5808	0.6379	Ave		0.5951			0.1000	4.3		30.0			
Toluene	1.6598 1.3947	1.6128	1.5689	1.5794	1.5650	Ave		1.5634			0.1000	5.8		30.0			
trans-1,3-Dichloropropene	0.9812 0.8304	0.8492	0.8608	0.8582	0.9033	Ave		0.8805			0.1000	6.2		30.0			
1,1,2-Trichloroethane	0.4969 0.4767	0.5071	0.5160	0.5149	0.5204	Ave		0.5053			0.1000	3.2		30.0			
Tetrachloroethene	0.4287 0.5500	0.4926	0.5500	0.5107	0.5433	Ave		0.5125			0.1000	9.2		30.0			
1,3-Dichloropropane	0.8970 0.8713	0.8925	0.9666	0.9293	0.9450	Ave		0.9170			0.1000	3.9		30.0			
2-Hexanone	0.3620 0.3407	0.3344	0.3474	0.3471	0.3629	Ave		0.3491			0.1000	3.3		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 Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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-Butyl acetate	0.1359 0.1683	0.1688	0.1675	0.1735	0.1742	Ave		0.1647			0.1000	8.7		30.0			
Chlorodibromomethane	0.8660 0.8945	0.8569	0.9341	0.9133	0.9847	Ave		0.9082			0.1000	5.2		30.0			
1,2-Dibromoethane	0.7321 0.7798	0.7809	0.7833	0.8137	0.8425	Ave		0.7887			0.1000	4.7		30.0			
Chlorobenzene	0.9333 1.0097	1.0281	1.0958	1.0577	1.1410	Ave		1.0443			0.1000	6.9		30.0			
1,1,1,2-Tetrachloroethane	0.5157 0.6271	0.5972	0.6106	0.5956	0.6309	Ave		0.5962			0.1000	7.1		30.0			
Ethylbenzene	0.3678 0.3956	0.4183	0.4197	0.4066	0.4306	Ave		0.4064			0.1000	5.5		30.0			
m-Xylene & p-Xylene	0.4801 0.4978	0.5301	0.5512	0.5477	0.5611	Ave		0.5280			0.1000	6.1		30.0			
n-Butyl acrylate	0.3893 0.5092	0.4450	0.4563	0.4667	0.5087	Ave		0.4626			0.1000	9.7		30.0			
o-Xylene	0.4651 0.5029	0.5129	0.5382	0.5250	0.5691	Ave		0.5189			0.1000	6.7		30.0			
Styrene	0.9565 0.9202	0.9498	1.0045	0.9782	1.0694	Ave		0.9798			0.1000	5.3		30.0			
Bromoform	0.4704 0.6389	0.5476	0.5897	0.6069	0.6440	Ave		0.5829			0.1000	11.2		30.0			
Isopropylbenzene	1.0553 1.1505	1.1842	1.3510	1.2149	1.2770	Ave		1.2055			0.1000	8.5		30.0			
Camphene	0.3931 0.3663	0.3611	0.3556	0.2560	0.3459	Ave		0.3463			0.1000	13.6		30.0			
1,1,2,2-Tetrachloroethane	2.1087 1.7127	2.2920	1.9808	1.9270	1.8693	Ave		1.9818			0.1000	10.1		30.0			
Bromobenzene	1.1855 1.0890	1.3120	1.2530	1.1591	1.1853	Ave		1.1973			0.1000	6.4		30.0			
trans-1,4-Dichloro-2-butene	0.4165 0.3095	0.3472	0.3645	0.3423	0.3708	Ave		0.3585			0.1000	9.9		30.0			
1,2,3-Trichloropropane	0.5301 0.3825	0.4888	0.4667	0.4343	0.4200	Ave		0.4537			0.1000	11.6		30.0			
N-Propylbenzene	2.8221 2.4571	3.6972	3.2263	3.2686	2.9438	Ave		3.0692			0.1000	13.9		30.0			
2-Chlorotoluene	2.6572 2.4065	2.2652	3.0818	2.6460	2.7039	Ave		2.6268			0.1000	10.7		30.0			
1,3,5-Trimethylbenzene	2.1029 1.8549	2.5005	2.2542	2.0801	2.0535	Ave		2.1410			0.1000	10.2		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 Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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								
Butyl Methacrylate	1.6930 1.7414	1.9476	1.8772	1.7942	1.8328	Ave		1.8144			0.1000	5.1		30.0			
4-Chlorotoluene	2.8624 2.5216	3.2382	2.9569	2.9352	2.7318	Ave		2.8743			0.1000	8.3		30.0			
tert-Butylbenzene	1.8605 1.9382	2.2571	2.1232	1.9831	2.0009	Ave		2.0272			0.1000	7.0		30.0			
1,2,4-Trimethylbenzene	2.1845 2.0836	2.4843	2.3564	2.1706	2.1386	Ave		2.2363			0.1000	6.8		30.0			
sec-Butylbenzene	2.1783 2.3407	3.0443	2.8494	2.6047	2.5926	Ave		2.6017			0.1000	12.2		30.0			
4-Isopropyltoluene	1.7866 2.0328	2.3431	2.1403	2.0791	1.9970	Ave		2.0631			0.1000	8.8		30.0			
1,3-Dichlorobenzene	1.2742 1.3828	1.5229	1.3955	1.3236	1.4489	Ave		1.3913			0.1000	6.3		30.0			
1,4-Dichlorobenzene	1.4071 1.7366	1.9333	1.8659	1.8497	1.8565	Ave		1.7749			0.1000	10.8		30.0			
Benzyl chloride	1.7829 1.8704	1.9937	1.9047	1.8646	1.9347	Ave		1.8918			0.1000	3.8		30.0			
n-Butylbenzene	1.5323 2.0281	2.0510	2.1264	1.9635	2.0374	Ave		1.9564			0.1000	10.9		30.0			
1,2-Dichlorobenzene	1.3771 1.5175	1.6183	1.5760	1.5443	1.5193	Ave		1.5254			0.1000	5.4		30.0			
1,2-Dibromo-3-Chloropropane	0.4836 0.3815	0.3527	0.3210	0.3358	0.3659	LinF		0.3791							0.9995		0.9900
1,2,4-Trichlorobenzene	0.3949 0.8314	0.4604	0.5735	0.6618	0.7903	QuaF		1.3302	-0.015						0.9998		0.9900
Hexachlorobutadiene	0.4447 0.5791	0.6047	0.5917	0.5843	0.5952	Ave		0.5666			0.1000	10.7		30.0			
Naphthalene	0.7461 1.3678	0.7103	0.9056	1.0479	1.3386	QuaF		0.7791	-0.004						0.9996		0.9900
1,2,3-Trichlorobenzene	0.2851 0.5553	0.3454	0.4321	0.4956	0.5406	LinF		0.5528							0.9996		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3890 0.3715	0.3770	0.4111	0.3887	0.3793	Ave		0.3861			0.1000	3.6		30.0			
Toluene-d8 (Surr)	1.1105 1.1972	1.0373	1.1964	1.1371	1.2585	Ave		1.1562			0.1000	6.7		30.0			
4-Bromofluorobenzene	1.0648 1.0026	1.0905	1.1257	1.0379	1.0809	Ave		1.0671			0.1000	4.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87107/2	j03834.d
Level 2	IC 460-87107/3	j03836.d
Level 3	ICIS 460-87107/4	j03837.d
Level 4	IC 460-87107/5	j03838.d
Level 5	IC 460-87107/6	j03839.d
Level 6	IC 460-87107/7	j03840.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	QuaF	15960 9200447	105359	383883	905181	3574362	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	QuaF	12950 6768233	67561	258686	645790	2664164	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	QuaF	13301 6820628	63434	256584	654454	2762800	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	15103 5610185	66376	252078	599498	2406446	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	8419 3407159	41580	159429	389920	1487575	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	23003 11803101	133025	532804	1267440	4761746	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	9845 3786430	46647	188166	463199	1703719	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	12115 5046112	64093	241692	600023	2225522	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	18633 9070246	114300	436936	924305	3836695	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	9523 304009	11181	16756	41389	133158	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	34952 13194573	178931	645481	1531999	6171936	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	36748 15347618	192687	746684	1798869	7074348	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	LinF	4918 1037928	15379	51050	126406	474162	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	16542 5949851	83468	284711	739116	2716065	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	24607 +++++	102398	393298	957020	3592527	20.0 +++++	100	400	1000	4000
Methyl tert-butyl ether	FB	Ave	42467 13107600	188495	673078	1623066	5918824	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Acrylonitrile	FB	Ave	7916 564293	28943	57663	148296	284310	2.00 200	10.0	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	13102 5684564	76246	277402	698012	2536937	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	4304 1905060	27114	95008	174085	783462	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	32132 10556609	153713	569389	1406042	5035119	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	83137 21252556	367903	1329393	3064577	11032589	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	70889 15215566	267558	881187	2039953	7259921	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	58305 17849919	264852	994361	2303809	8678701	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	16289 6026371	77935	304300	729538	2711919	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	11727 446353	14600	20763	54992	198000	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	25056 8162742	124109	440048	1025343	3708347	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	3073 1129396	13236	62226	136897	495850	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	10900 3756393	52000	179621	472983	1675086	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	4880 1245591	21312	69559	157981	573908	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	32817 11411462	172531	602670	1509803	5443415	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	21350 8900016	126028	449796	1148794	4066021	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	15747 5406193	81024	274450	571371	2337855	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	20328 7587663	114665	416949	1025378	3684295	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	20200 8215596	108582	412544	999675	3768967	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	45012 12830150	210449	770758	1909594	6566844	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	LinF	113685 24342074	451238	1617634	3856521	13312788	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	18255 6265194	99141	352051	856125	3008768	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Tert-amyl methyl ether	FB	Ave	46057 13558490	213936	777298	1827935	6645606	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	16000 5948625	84474	311675	782471	2762993	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	26974 6809154	99383	354008	850319	3178720	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	7978 3477370	48996	180353	349622	1524321	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	18861 6362283	97413	347407	842512	2988452	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	4994 1232115	17590	68433	160672	581517	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	18082 5252834	77989	291995	707279	2479096	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	33944 10711443	165308	602321	1471755	5280142	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	9873 3369658	43816	151201	396440	1642294	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	29910 9231198	137008	525974	1250516	4401100	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	30822 8895744	137001	510524	1237217	4382317	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	166703 5418320	226304	283331	688796	2577675	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	45809 12679698	216911	752340	1872886	6324406	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	27081 7549360	114210	412815	1017694	3650197	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	13713 4333790	68198	247423	610633	2102812	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	11831 4999906	66254	263737	605647	2195342	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	24757 7921759	120041	463515	1102045	3818950	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	99907 3097120	134942	166616	411630	1466511	10.0 500	15.0	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	7501 3060622	45408	160656	411588	1408142	2.00 1000	10.0	40.0	100	400
Chlorodibromomethane	CBZ	Ave	23900 8131983	115254	447930	1083011	3979248	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	20204 7089894	105029	375637	964876	3404694	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Chlorobenzene	CBZ	Ave	25757 9179998	138268	525460	1254289	4610877	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	14234 5701164	80323	292805	706255	2549569	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10151 3596637	56263	201274	482153	1739933	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	26501 9052206	142589	528661	1299085	4535105	2.00 1000	10.0	40.0	100	400
n-Butyl acrylate	CBZ	Ave	10744 4629670	59849	218821	553474	2055880	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	12835 4572267	68985	258099	622559	2299697	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	26398 8366380	127739	481679	1160054	4321534	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	12983 5808832	73653	282794	719726	2602510	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29125 10460177	159273	647841	1440728	5160607	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	10848 3330239	48565	170502	303538	1397760	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	22563 7579842	116284	408797	1014181	3528097	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	12685 4819774	66561	258591	610052	2237063	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	4457 1369967	17615	75223	180150	699916	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	5672 1692998	24798	96317	228570	792652	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	30196 10874525	187575	665836	1720273	5556037	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	28432 10650215	114923	636012	1392583	5103126	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	22501 8209117	126863	465200	1094746	3875726	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	18115 7706811	98811	387402	944312	3459087	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	30628 11159737	164287	610223	1544800	5155864	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	19907 8577687	114511	438175	1043728	3776396	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	23374 9221328	126040	486307	1142399	4036249	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
sec-Butylbenzene	DCB	Ave	23308 10359351	154452	588047	1370849	4893128	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	19116 8996334	118873	441714	1094219	3769068	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13634 6119630	77265	287992	696643	2734606	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	15056 7685834	98086	385073	973526	3503954	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	19077 8277819	101148	393086	981335	3651508	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	16396 8975541	104055	438840	1033384	3845233	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	14735 6715796	82102	325248	812794	2867468	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	5174 1688558	17895	66244	176721	690534	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	QuaF	4225 3679457	23357	118366	348293	1491639	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	4758 2563054	30679	122109	307517	1123392	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	7983 6053480	36035	186888	551516	2526477	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	3051 2457800	17523	89175	260841	1020341	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	740440 490026	660301	677344	667612	559071	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1532389 1088434	1395160	1434275	1348473	1271412	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	569668 443737	553256	580766	546236	510029	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Report Date: 26-Sep-2011 12:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 22-SEP-2011 02:30
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 22-SEP-2011 02:30 Cal File: j03834.d
 Als bottle: 2 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.602	2.562 (0.332)		15960	1.00000	1.0
3 Chloromethane	50	2.737	2.737 (0.349)		12950	1.00000	1.0
4 Vinyl Chloride	62	2.909	2.929 (0.371)		13301	1.00000	1.0
6 Bromomethane	94	3.305	3.297 (0.421)		15103	1.00000	1.0
5 Chloroethane	64	3.405	3.407 (0.434)		8419	1.00000	1.0
7 Trichlorofluoromethane	101	3.750	3.718 (0.478)		23003	1.00000	1.0
11 Ethyl Ether	59	3.994	4.011 (0.509)		9845	1.00000	1.0
15 1,1-Dichloroethene	96	4.305	4.312 (0.549)		12115	1.00000	1.0
14 Freon TF	101	4.333	4.322 (0.552)		18633	1.00000	1.0
16 Acetone	58	4.351	4.358 (0.554)		9523	10.0000	10
17 Iodomethane	142	4.516	4.515 (0.576)		34952	1.00000	1.0
18 Carbon Disulfide	76	4.598	4.598 (0.586)		36748	1.00000	1.0
27 Methyl Acetate	74	4.698	4.708 (0.599)		4918	1.00000	1.0
22 Methylene Chloride	84	4.862	4.868 (0.620)		16542	1.00000	1.0
24 TBA	59	4.954	4.951 (0.631)		24607	20.0000	20
25 trans-1,2-Dichloroethene	96	5.181	5.181 (0.660)		13102	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Report Date: 26-Sep-2011 12:49

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.172	5.153	(0.659)	7916	2.00000	2.0
28 MTBE	73	5.135	5.153	(0.654)	42467	1.00000	1.0
29 Hexane	56	5.461	5.446	(0.696)	4304	1.00000	1.0
30 1,1-Dichloroethane	63	5.671	5.676	(0.723)	32132	1.00000	1.0
31 Vinyl Acetate	43	5.708	5.694	(0.727)	70889	1.00000	1.0(M)
32 DIPE	45	5.708	5.694	(0.727)	83137	1.00000	1.0
35 t-Butyl-ethyl-ether	59	6.140	6.149	(0.782)	58305	1.00000	1.0
37 2,2-Dichloropropane	77	6.396	6.390	(0.815)	25056	1.00000	1.0
36 cis-1,2-Dichloroethene	96	6.396	6.382	(0.815)	16289	1.00000	1.0
38 2-Butanone	72	6.396	6.373	(0.815)	11727	10.0000	10
39 Ethyl Acetate	70	6.414	6.425	(0.817)	3073	2.00000	2.0
40 Bromochloromethane	128	6.691	6.693	(0.853)	10900	1.00000	1.0
41 Tetrahydrofuran	42	6.773	6.749	(0.863)	4880	1.00000	1.0(M)
42 Chloroform	83	6.755	6.767	(0.861)	32817	1.00000	1.0
43 1,1,1-Trichloroethane	97	7.019	7.031	(0.894)	21350	1.00000	1.0
44 Cyclohexane	56	7.092	7.096	(0.904)	15747	1.00000	1.0
45 Carbon Tetrachloride	117	7.249	7.243	(0.924)	20200	1.00000	1.0
46 1,1-Dichloropropene	75	7.239	7.234	(0.923)	20328	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.435	7.434	(0.947)	740440	50.0000	50
48 Benzene	78	7.518	7.517	(0.665)	45012	1.00000	1.0
49 1,2-Dichloroethane	62	7.554	7.535	(0.963)	18255	1.00000	1.0
50 t-Amyl-methyl-ether	73	7.610	7.600	(0.970)	46057	1.00000	1.0
61 Isopropyl Acetate	43	7.527	7.526	(0.959)	113685	2.00000	2.0
* 52 Fluorobenzene	96	7.847	7.848	(1.000)	1903211	50.0000	
54 Trichloroethene	95	8.300	8.292	(1.058)	16000	1.00000	1.0
56 Methyl cyclohexane	83	8.529	8.531	(1.087)	7978	1.00000	1.0
55 Ethyl Acrylate	55	8.383	8.375	(1.068)	26974	1.00000	1.0
57 1,2-Dichloropropane	63	8.593	8.577	(1.095)	18861	1.00000	1.0
58 Dibromomethane	93	8.739	8.732	(1.114)	18082	1.00000	1.0
59 Methyl Methacrylate	100	8.665	8.649	(1.104)	4994	1.00000	1.0
68 Bromodichloromethane	83	8.893	8.888	(1.133)	33944	1.00000	1.0
62 2-Chloroethyl Vinyl Ether	63	9.209	9.207	(1.174)	9873	1.00000	1.0
63 Epichlorohydrin	57	9.323	9.305	(0.825)	29910	20.0000	20
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.831)	30822	1.00000	1.0
70 4-Methyl-2-Pentanone	43	9.562	9.553	(0.846)	166703	10.0000	10
\$ 65 Toluene-d8 (SUR)	98	9.709	9.708	(0.859)	1532389	50.0000	50
66 Toluene	91	9.801	9.787	(0.867)	45809	1.00000	1.0
64 trans-1,3-Dichloropropene	75	10.038	10.017	(0.888)	27081	1.00000	1.0
69 1,1,2-Trichloroethane	83	10.248	10.236	(0.907)	13713	1.00000	1.0
71 Tetrachloroethene	166	10.396	10.400	(0.920)	11831	1.00000	1.0
72 1,3-Dichloropropane	76	10.432	10.426	(0.923)	24757	1.00000	1.0
73 2-Hexanone	43	10.488	10.482	(0.928)	99907	10.0000	10
74 Dibromochloromethane	129	10.681	10.684	(0.945)	23900	1.00000	1.0
76 Butyl Acetate	73	10.589	10.591	(0.937)	7501	2.00000	2.0
77 1,2-Dibromoethane	107	10.838	10.829	(0.959)	20204	1.00000	1.0
* 78 Chlorobenzene-d5	117	11.301	11.306	(1.000)	1379935	50.0000	
79 Chlorobenzene	112	11.338	11.332	(1.003)	25757	1.00000	1.0

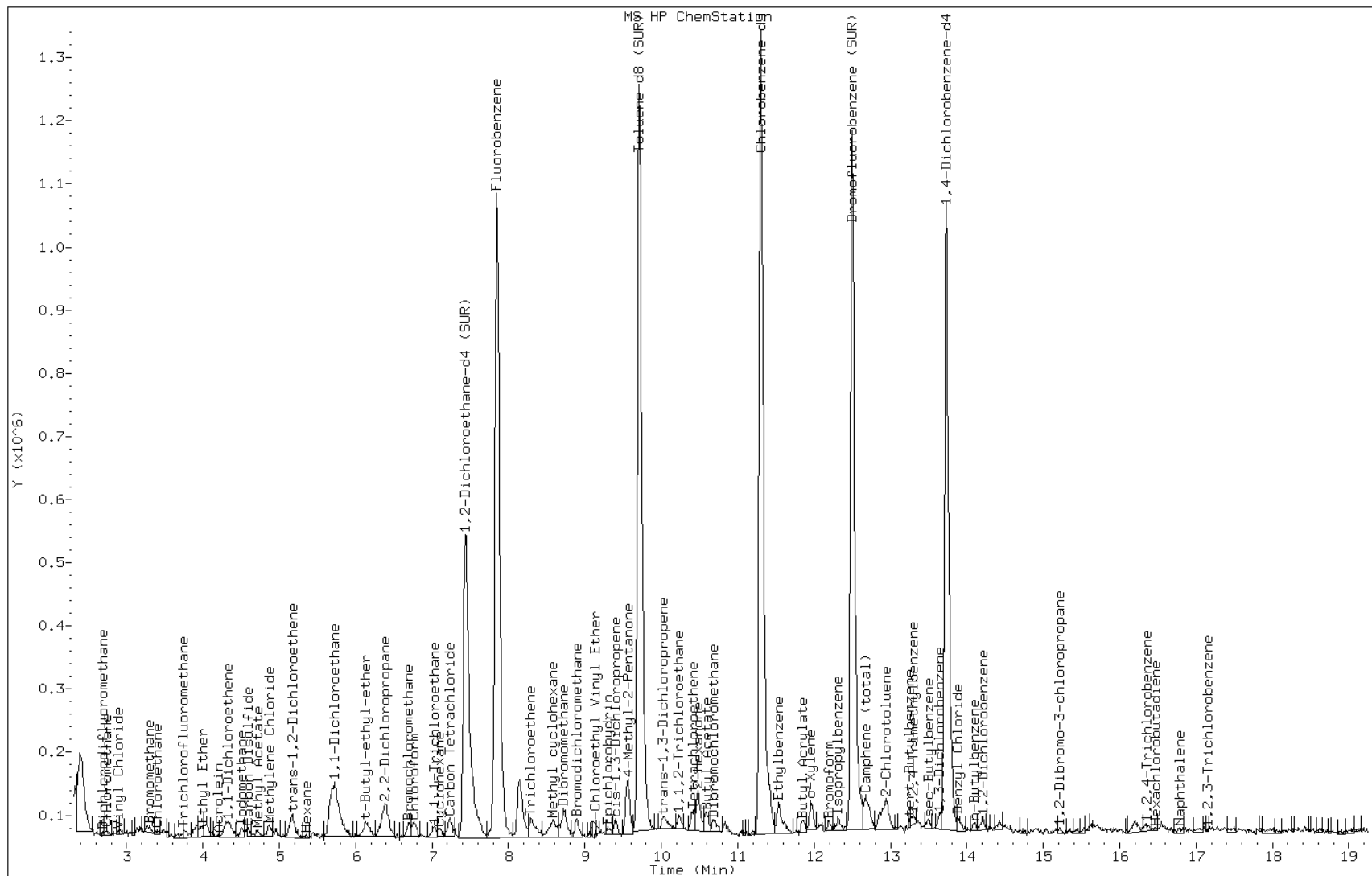
Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Report Date: 26-Sep-2011 12:49

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.420	11.410	(1.010)	14234	1.00000	1.0
81 Ethylbenzene	106	11.429	11.418	(1.011)	10151	1.00000	1.0
82 m+p-Xylene	106	11.548	11.537	(1.022)	26501	2.00000	2.0
84 o-Xylene	106	11.950	11.958	(1.057)	12835	1.00000	1.0
85 Styrene	104	11.968	11.967	(1.059)	26398	1.00000	1.0
83 Butyl Acrylate	73	11.858	11.847	(1.049)	10744	1.00000	1.0
86 Bromoform	173	12.204	12.196	(1.080)	12983	1.00000	1.0
88 Isopropylbenzene	105	12.312	12.315	(1.089)	29125	1.00000	1.0
\$ 89 Bromofluorobenzene (SUR)	174	12.500	12.496	(0.911)	569668	50.0000	50
90 Camphene (total)	93	12.618	12.606	(1.117)	10848	1.00000	1.0
91 Bromobenzene	156	12.671	12.678	(0.923)	12685	1.00000	1.0
92 1,1,2,2-Tetrachloroethane	83	12.618	12.624	(0.919)	22563	1.00000	1.0
93 1,2,3-Trichloropropane	110	12.689	12.686	(0.924)	5672	1.00000	1.0
94 trans-1,4-Dichloro-2-butene	53	12.699	12.678	(0.925)	4457	1.00000	1.0
95 n-Propylbenzene	91	12.726	12.731	(0.927)	30196	1.00000	1.0
96 2-Chlorotoluene	91	12.861	12.850	(0.937)	28432	1.00000	1.0
97 1,3,5-Trimethylbenzene	105	12.888	12.894	(0.939)	22501	1.00000	1.0
98 4-Chlorotoluene	91	12.962	12.959	(0.944)	30628	1.00000	1.0
99 Butyl Methacrylate	87	12.934	12.931	(0.942)	18115	1.00000	1.0
100 tert-Butylbenzene	119	13.256	13.259	(0.966)	19907	1.00000	1.0
101 1,2,4-Trimethylbenzene	105	13.301	13.305	(0.969)	23374	1.00000	1.0
103 sec-Butylbenzene	105	13.498	13.484	(0.983)	23308	1.00000	1.0
105 1,3-Dichlorobenzene	146	13.664	13.667	(0.995)	13634	1.00000	1.0
107 p-Isopropyltoluene	119	13.618	13.621	(0.992)	19116	1.00000	1.0
* 108 1,4-Dichlorobenzene-d4	152	13.729	13.730	(1.000)	534997	50.0000	
109 1,4-Dichlorobenzene	146	13.756	13.756	(1.002)	15056	1.00000	1.0
110 Benzyl Chloride	91	13.894	13.902	(1.012)	19077	1.00000	1.0
106 n-Butylbenzene	91	14.084	14.083	(1.026)	16396	1.00000	1.0
111 1,2-Dichlorobenzene	146	14.210	14.201	(1.035)	14735	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	15.175	15.164	(1.105)	5174	1.00000	1.0
114 1,2,4-Trichlorobenzene	180	16.333	16.346	(1.190)	4225	1.00000	1.0
115 Hexachlorobutadiene	225	16.573	16.563	(1.207)	4758	1.00000	1.0
116 Naphthalene	128	16.784	16.782	(1.223)	7983	1.00000	1.0
117 1,2,3-Trichlorobenzene	180	17.197	17.206	(1.253)	3051	1.00000	1.0
M 120 1,2-Dichloroethene (Total)	100				29391	2.00000	2.0
M 121 Xylene (Total)	100				39336	3.00000	3.0

QC Flag Legend

M - Compound response manually integrated.

Operator:

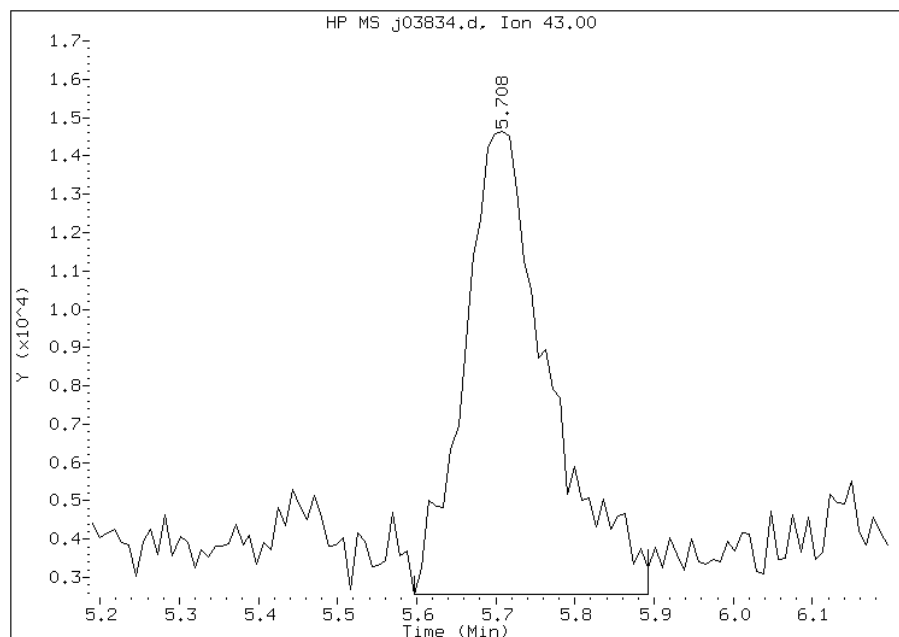


Manual Integration Report

Data File: j03834.d
Inj. Date and Time: 22-SEP-2011 02:30
Instrument ID: VOAMS8.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 09/26/2011

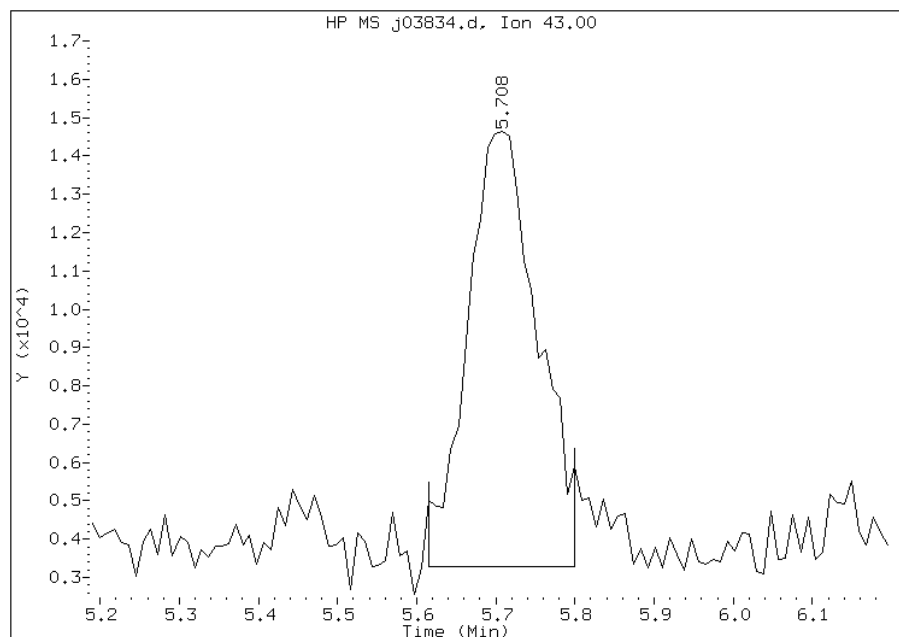
Processing Integration Results

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Response: 89790
Amount: 2
Conc: 2



Manual Integration Results

RT: 5.71
Response: 70889
Amount: 1
Conc: 1



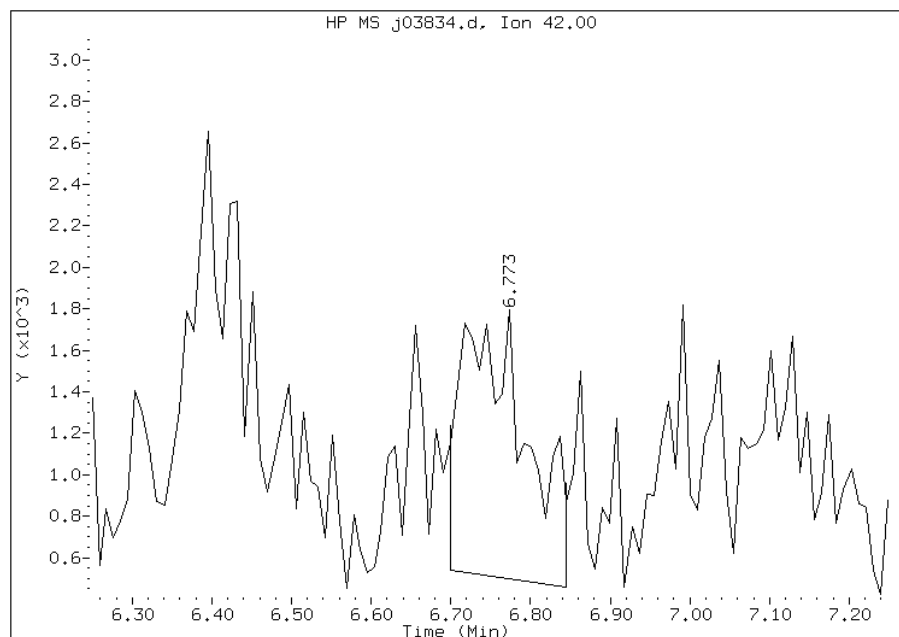
Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: j03834.d
Inj. Date and Time: 22-SEP-2011 02:30
Instrument ID: VOAMS8.i
Client ID:
Compound: 41 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 09/26/2011

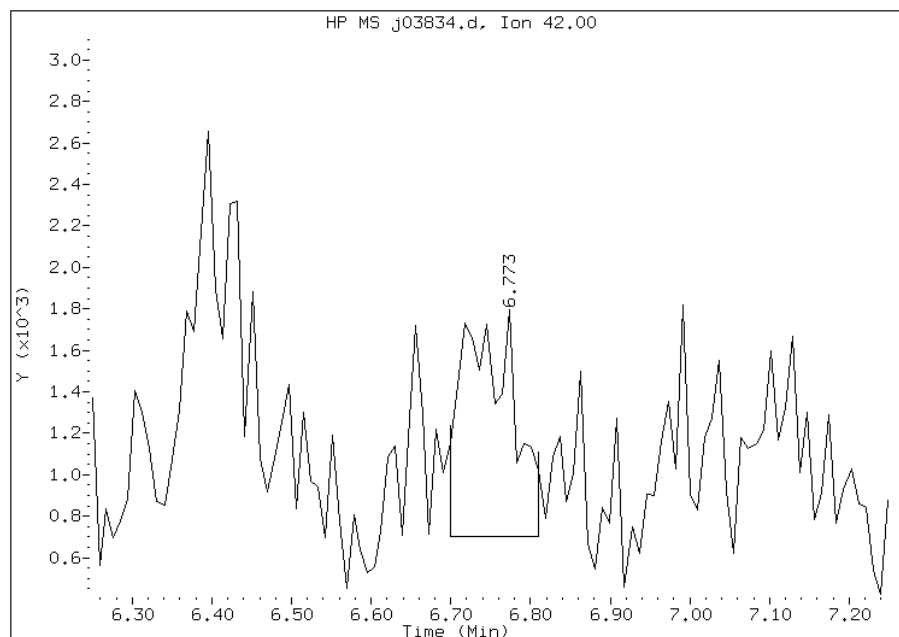
Processing Integration Results

RT: 6.77
Response: 7381
Amount: 2
Conc: 2



Manual Integration Results

RT: 6.77
Response: 4880
Amount: 1
Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 22-SEP-2011 03:20
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:41 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:20 Cal File: j03836.d
 Als bottle: 3 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.582	2.562	(0.329)	105359	5.00000	5.0
3 Chloromethane	50	2.724	2.737	(0.347)	67561	5.00000	5.0
4 Vinyl Chloride	62	2.906	2.929	(0.370)	63434	5.00000	5.0
6 Bromomethane	94	3.290	3.297	(0.419)	66376	5.00000	4.9
5 Chloroethane	64	3.407	3.407	(0.434)	41580	5.00000	5.2
7 Trichlorofluoromethane	101	3.717	3.718	(0.474)	133025	5.00000	5.6
11 Ethyl Ether	59	3.999	4.011	(0.510)	46647	5.00000	5.1
15 1,1-Dichloroethene	96	4.308	4.312	(0.549)	64093	5.00000	5.3
14 Freon TF	101	4.317	4.322	(0.550)	114300	5.00000	5.7
16 Acetone	58	4.363	4.358	(0.556)	11181	15.0000	14
17 Iodomethane	142	4.509	4.515	(0.575)	178931	5.00000	5.3
18 Carbon Disulfide	76	4.597	4.598	(0.586)	192687	5.00000	5.3
27 Methyl Acetate	74	4.705	4.708	(0.600)	15379	5.00000	4.9
22 Methylene Chloride	84	4.869	4.868	(0.621)	83468	5.00000	5.2
24 TBA	59	4.952	4.951	(0.631)	102398	100.000	95
25 trans-1,2-Dichloroethene	96	5.161	5.181	(0.658)	76246	5.00000	5.6

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.143	5.153	(0.655)	28943	10.0000	8.8
28 MTBE	73	5.152	5.153	(0.657)	188495	5.00000	4.9
29 Hexane	56	5.442	5.446	(0.694)	27114	5.00000	5.0
30 1,1-Dichloroethane	63	5.678	5.676	(0.724)	153713	5.00000	5.1
31 Vinyl Acetate	43	5.696	5.694	(0.726)	267558	5.00000	4.9
32 DIPE	45	5.696	5.694	(0.726)	367903	5.00000	4.9
35 t-Butyl-ethyl-ether	59	6.135	6.149	(0.782)	264852	5.00000	5.0
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	124109	5.00000	5.2
36 cis-1,2-Dichloroethene	96	6.381	6.382	(0.813)	77935	5.00000	5.1
38 2-Butanone	72	6.372	6.373	(0.812)	14600	15.0000	14
39 Ethyl Acetate	70	6.418	6.425	(0.818)	13236	10.0000	9.7
40 Bromochloromethane	128	6.707	6.693	(0.855)	52000	5.00000	5.1
41 Tetrahydrofuran	42	6.744	6.749	(0.860)	21312	5.00000	4.9
42 Chloroform	83	6.762	6.767	(0.862)	172531	5.00000	5.3
43 1,1,1-Trichloroethane	97	7.038	7.031	(0.897)	126028	5.00000	5.6
44 Cyclohexane	56	7.091	7.096	(0.904)	81024	5.00000	5.3
45 Carbon Tetrachloride	117	7.238	7.243	(0.922)	108582	5.00000	5.4
46 1,1-Dichloropropene	75	7.238	7.234	(0.922)	114665	5.00000	5.5
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.430	7.434	(0.947)	660301	50.0000	49
48 Benzene	78	7.513	7.517	(0.665)	210449	5.00000	4.9
49 1,2-Dichloroethane	62	7.541	7.535	(0.961)	99141	5.00000	5.4
50 t-Amyl-methyl-ether	73	7.611	7.600	(0.970)	213936	5.00000	5.0
61 Isopropyl Acetate	43	7.522	7.526	(0.959)	451238	10.0000	9.9
* 52 Fluorobenzene	96	7.846	7.848	(1.000)	1751624	50.0000	
54 Trichloroethene	95	8.294	8.292	(1.057)	84474	5.00000	5.3
56 Methyl cyclohexane	83	8.529	8.531	(1.087)	48996	5.00000	5.7
55 Ethyl Acrylate	55	8.377	8.375	(1.068)	99383	5.00000	4.4
57 1,2-Dichloropropane	63	8.584	8.577	(1.094)	97413	5.00000	5.3
58 Dibromomethane	93	8.740	8.732	(1.114)	77989	5.00000	4.8
59 Methyl Methacrylate	100	8.649	8.649	(1.102)	17590	5.00000	4.3
68 Bromodichloromethane	83	8.895	8.888	(1.134)	165308	5.00000	5.1
62 2-Chloroethyl Vinyl Ether	63	9.208	9.207	(1.174)	43816	5.00000	4.9
63 Epichlorohydrin	57	9.309	9.305	(0.824)	137008	100.000	97
67 cis-1,3-Dichloropropene	75	9.400	9.396	(0.832)	137001	5.00000	4.8
70 4-Methyl-2-Pentanone	43	9.556	9.553	(0.846)	226304	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	9.710	9.708	(0.859)	1395160	50.0000	48
66 Toluene	91	9.793	9.787	(0.867)	216911	5.00000	4.9
64 trans-1,3-Dichloropropene	75	10.019	10.017	(0.887)	114210	5.00000	4.6
69 1,1,2-Trichloroethane	83	10.240	10.236	(0.906)	68198	5.00000	5.0
71 Tetrachloroethene	166	10.387	10.400	(0.919)	66254	5.00000	5.3
72 1,3-Dichloropropane	76	10.433	10.426	(0.923)	120041	5.00000	5.0
73 2-Hexanone	43	10.479	10.482	(0.927)	134942	15.0000	14
74 Dibromochloromethane	129	10.697	10.684	(0.947)	115254	5.00000	5.0
76 Butyl Acetate	73	10.596	10.591	(0.938)	45408	10.0000	11
77 1,2-Dibromoethane	107	10.835	10.829	(0.959)	105029	5.00000	5.2
* 78 Chlorobenzene-d5	117	11.301	11.306	(1.000)	1344939	50.0000	
79 Chlorobenzene	112	11.328	11.332	(1.002)	138268	5.00000	5.2

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.411	11.410	(1.010)	80323	5.00000	5.4
81 Ethylbenzene	106	11.420	11.418	(1.011)	56263	5.00000	5.3
82 m+p-Xylene	106	11.540	11.537	(1.021)	142589	10.0000	10
84 o-Xylene	106	11.953	11.958	(1.058)	68985	5.00000	5.2
85 Styrene	104	11.971	11.967	(1.059)	127739	5.00000	5.0
83 Butyl Acrylate	73	11.853	11.847	(1.049)	59849	5.00000	5.3
86 Bromoform	173	12.197	12.196	(1.079)	73653	5.00000	5.4
88 Isopropylbenzene	105	12.313	12.315	(1.090)	159273	5.00000	5.3
\$ 89 Bromofluorobenzene (SUR)	174	12.497	12.496	(0.911)	553256	50.0000	50
90 Camphene (total)	93	12.597	12.606	(1.115)	48565	5.00000	4.8
91 Bromobenzene	156	12.690	12.678	(0.925)	66561	5.00000	5.2
92 1,1,2,2-Tetrachloroethane	83	12.625	12.624	(0.920)	116284	5.00000	5.2
93 1,2,3-Trichloropropane	110	12.690	12.686	(0.925)	24798	5.00000	4.8
94 trans-1,4-Dichloro-2-butene	53	12.671	12.678	(0.923)	17615	5.00000	4.5
95 n-Propylbenzene	91	12.735	12.731	(0.928)	187575	5.00000	5.7
96 2-Chlorotoluene	91	12.854	12.850	(0.937)	114923	5.00000	4.6
97 1,3,5-Trimethylbenzene	105	12.898	12.894	(0.940)	126863	5.00000	5.4
98 4-Chlorotoluene	91	12.961	12.959	(0.945)	164287	5.00000	5.3
99 Butyl Methacrylate	87	12.924	12.931	(0.942)	98811	5.00000	5.3
100 tert-Butylbenzene	119	13.262	13.259	(0.967)	114511	5.00000	5.5
101 1,2,4-Trimethylbenzene	105	13.299	13.305	(0.969)	126040	5.00000	5.3
103 sec-Butylbenzene	105	13.490	13.484	(0.983)	154452	5.00000	5.8
105 1,3-Dichlorobenzene	146	13.656	13.667	(0.995)	77265	5.00000	5.4
107 p-Isopropyltoluene	119	13.629	13.621	(0.993)	118873	5.00000	5.7
* 108 1,4-Dichlorobenzene-d4	152	13.721	13.730	(1.000)	507341	50.0000	
109 1,4-Dichlorobenzene	146	13.748	13.756	(1.002)	98086	5.00000	5.8
110 Benzyl Chloride	91	13.896	13.902	(1.013)	101148	5.00000	5.3
106 n-Butylbenzene	91	14.088	14.083	(1.027)	104055	5.00000	5.7
111 1,2-Dichlorobenzene	146	14.198	14.201	(1.035)	82102	5.00000	5.4
112 1,2-Dibromo-3-chloropropane	75	15.151	15.164	(1.104)	17895	5.00000	4.9
114 1,2,4-Trichlorobenzene	180	16.352	16.346	(1.192)	23357	5.00000	5.0
115 Hexachlorobutadiene	225	16.545	16.563	(1.206)	30679	5.00000	5.8
116 Naphthalene	128	16.782	16.782	(1.223)	36035	5.00000	5.0
117 1,2,3-Trichlorobenzene	180	17.195	17.206	(1.253)	17523	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				154181	10.0000	11
M 121 Xylene (Total)	100				211574	15.0000	16

Data File: j03836.d

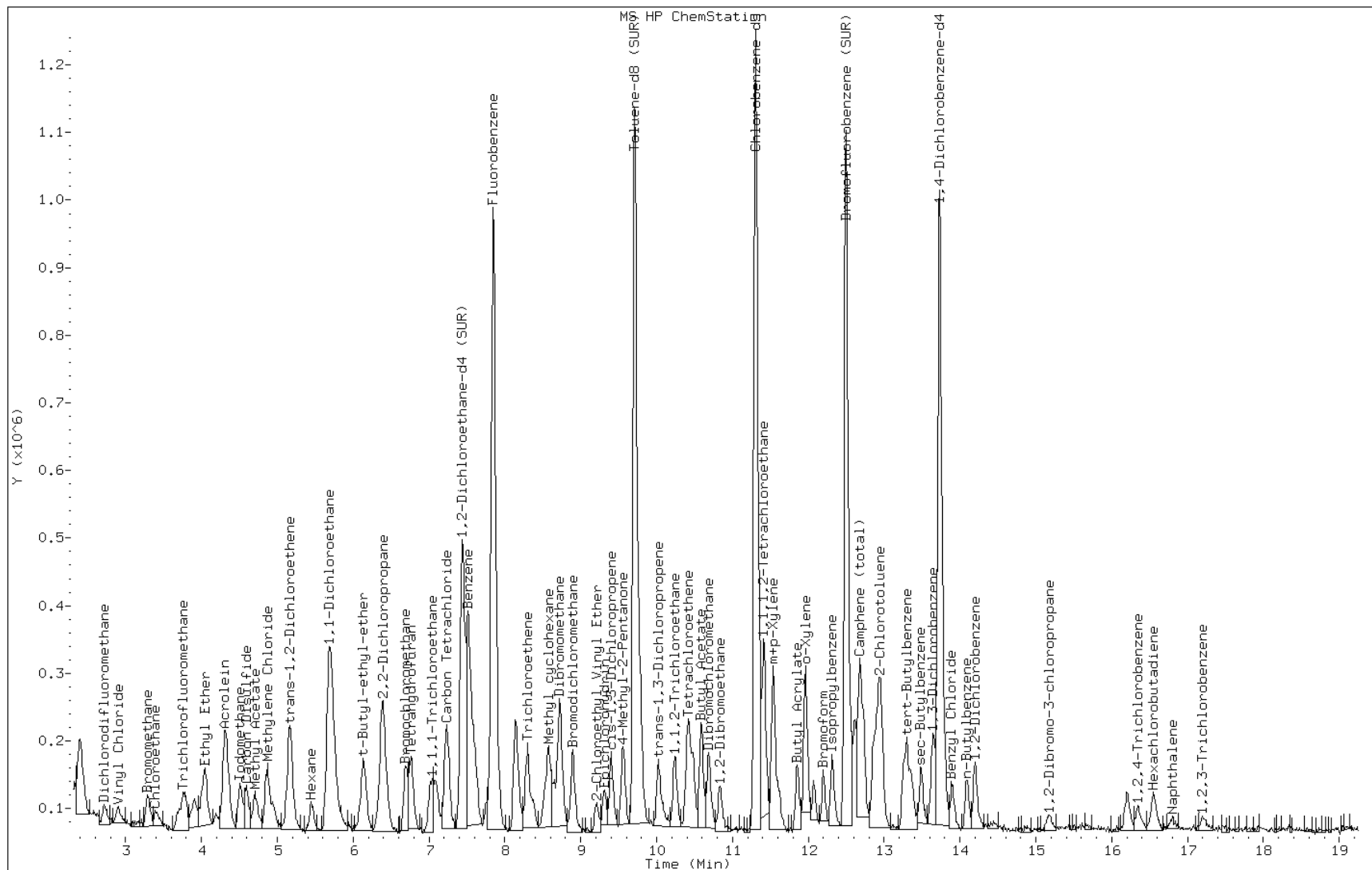
Date: 22-SEP-2011 03:20

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL2

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 22-SEP-2011 03:45
 Operator : Inst ID: VOAMS8.i
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 4 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.562	2.562	(0.326)	383883	20.0000	20
3 Chloromethane	50	2.737	2.737	(0.349)	258686	20.0000	20
4 Vinyl Chloride	62	2.929	2.929	(0.373)	256584	20.0000	20
6 Bromomethane	94	3.297	3.297	(0.420)	252078	20.0000	20
5 Chloroethane	64	3.407	3.407	(0.434)	159429	20.0000	21
7 Trichlorofluoromethane	101	3.718	3.718	(0.474)	532804	20.0000	22
11 Ethyl Ether	59	4.011	4.011	(0.511)	188166	20.0000	21
15 1,1-Dichloroethene	96	4.312	4.312	(0.549)	241692	20.0000	21
14 Freon TF	101	4.322	4.322	(0.551)	436936	20.0000	22
16 Acetone	58	4.358	4.358	(0.555)	16756	20.0000	21
17 Iodomethane	142	4.515	4.515	(0.575)	645481	20.0000	20
18 Carbon Disulfide	76	4.598	4.598	(0.586)	746684	20.0000	21
27 Methyl Acetate	74	4.708	4.708	(0.600)	51050	20.0000	20
22 Methylene Chloride	84	4.868	4.868	(0.620)	284711	20.0000	19
24 TBA	59	4.951	4.951	(0.631)	393298	400.000	390
25 trans-1,2-Dichloroethene	96	5.181	5.181	(0.660)	277402	20.0000	21

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.153	5.153	(0.657)	57663	20.0000	19
28 MTBE	73	5.153	5.153	(0.657)	673078	20.0000	19
29 Hexane	56	5.446	5.446	(0.694)	95008	20.0000	20
30 1,1-Dichloroethane	63	5.676	5.676	(0.723)	569389	20.0000	20
31 Vinyl Acetate	43	5.694	5.694	(0.726)	881187	20.0000	20
32 DIPE	45	5.694	5.694	(0.726)	1329393	20.0000	19
35 t-Butyl-ethyl-ether	59	6.149	6.149	(0.783)	994361	20.0000	20
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	440048	20.0000	20
36 cis-1,2-Dichloroethene	96	6.382	6.382	(0.813)	304300	20.0000	21
38 2-Butanone	72	6.373	6.373	(0.812)	20763	20.0000	21
39 Ethyl Acetate	70	6.425	6.425	(0.819)	62226	40.0000	45
40 Bromochloromethane	128	6.693	6.693	(0.853)	179621	20.0000	19
41 Tetrahydrofuran	42	6.749	6.749	(0.860)	69559	20.0000	18
42 Chloroform	83	6.767	6.767	(0.862)	602670	20.0000	20
43 1,1,1-Trichloroethane	97	7.031	7.031	(0.896)	449796	20.0000	21
44 Cyclohexane	56	7.096	7.096	(0.904)	274450	20.0000	19
45 Carbon Tetrachloride	117	7.243	7.243	(0.923)	412544	20.0000	21
46 1,1-Dichloropropene	75	7.234	7.234	(0.922)	416949	20.0000	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.434	7.434	(0.947)	677344	50.0000	52
48 Benzene	78	7.517	7.517	(0.665)	770758	20.0000	20
49 1,2-Dichloroethane	62	7.535	7.535	(0.960)	352051	20.0000	20
50 t-Amyl-methyl-ether	73	7.600	7.600	(0.968)	777298	20.0000	20
61 Isopropyl Acetate	43	7.526	7.526	(0.959)	1617634	40.0000	40
* 52 Fluorobenzene	96	7.848	7.848	(1.000)	1647525	50.0000	
54 Trichloroethene	95	8.292	8.292	(1.057)	311675	20.0000	21
56 Methyl cyclohexane	83	8.531	8.531	(1.087)	180353	20.0000	22
55 Ethyl Acrylate	55	8.375	8.375	(1.067)	354008	20.0000	18
57 1,2-Dichloropropane	63	8.577	8.577	(1.093)	347407	20.0000	20
58 Dibromomethane	93	8.732	8.732	(1.113)	291995	20.0000	19
59 Methyl Methacrylate	100	8.649	8.649	(1.102)	68433	20.0000	18
68 Bromodichloromethane	83	8.888	8.888	(1.132)	602321	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.207	9.207	(1.173)	151201	20.0000	19
63 Epichlorohydrin	57	9.305	9.305	(0.823)	525974	400.000	410
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.831)	510524	20.0000	20
70 4-Methyl-2-Pentanone	43	9.553	9.553	(0.845)	283331	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.708	9.708	(0.859)	1434275	50.0000	54
66 Toluene	91	9.787	9.787	(0.866)	752340	20.0000	19
64 trans-1,3-Dichloropropene	75	10.017	10.017	(0.886)	412815	20.0000	19
69 1,1,2-Trichloroethane	83	10.236	10.236	(0.905)	247423	20.0000	20
71 Tetrachloroethene	166	10.400	10.400	(0.920)	263737	20.0000	22
72 1,3-Dichloropropane	76	10.426	10.426	(0.922)	463515	20.0000	21
73 2-Hexanone	43	10.482	10.482	(0.927)	166616	20.0000	20
74 Dibromochloromethane	129	10.684	10.684	(0.945)	447930	20.0000	21
76 Butyl Acetate	73	10.591	10.591	(0.937)	160656	40.0000	42
77 1,2-Dibromoethane	107	10.829	10.829	(0.958)	375637	20.0000	20
* 78 Chlorobenzene-d5	117	11.306	11.306	(1.000)	1198859	50.0000	
79 Chlorobenzene	112	11.332	11.332	(1.002)	525460	20.0000	22

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.410	11.410	(1.009)	292805	20.0000	21
81 Ethylbenzene	106	11.418	11.418	(1.010)	201274	20.0000	21
82 m+p-Xylene	106	11.537	11.537	(1.020)	528661	40.0000	42
84 o-Xylene	106	11.958	11.958	(1.058)	258099	20.0000	21
85 Styrene	104	11.967	11.967	(1.058)	481679	20.0000	21
83 Butyl Acrylate	73	11.847	11.847	(1.048)	218821	20.0000	21
86 Bromoform	173	12.196	12.196	(1.079)	282794	20.0000	22
88 Isopropylbenzene	105	12.315	12.315	(1.089)	647841	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	12.496	12.496	(0.910)	580766	50.0000	51
90 Camphene (total)	93	12.606	12.606	(1.115)	170502	20.0000	19
91 Bromobenzene	156	12.678	12.678	(0.923)	258591	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.624	12.624	(0.919)	408797	20.0000	19
93 1,2,3-Trichloropropane	110	12.686	12.686	(0.924)	96317	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	12.678	12.678	(0.923)	75223	20.0000	19
95 n-Propylbenzene	91	12.731	12.731	(0.927)	665836	20.0000	20
96 2-Chlorotoluene	91	12.850	12.850	(0.936)	636012	20.0000	23
97 1,3,5-Trimethylbenzene	105	12.894	12.894	(0.939)	465200	20.0000	20
98 4-Chlorotoluene	91	12.959	12.959	(0.944)	610223	20.0000	20
99 Butyl Methacrylate	87	12.931	12.931	(0.942)	387402	20.0000	20
100 tert-Butylbenzene	119	13.259	13.259	(0.966)	438175	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.305	13.305	(0.969)	486307	20.0000	20
103 sec-Butylbenzene	105	13.484	13.484	(0.982)	588047	20.0000	21
105 1,3-Dichlorobenzene	146	13.667	13.667	(0.995)	287992	20.0000	20
107 p-Isopropyltoluene	119	13.621	13.621	(0.992)	441714	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.730	13.730	(1.000)	515937	50.0000	
109 1,4-Dichlorobenzene	146	13.756	13.756	(1.002)	385073	20.0000	22
110 Benzyl Chloride	91	13.902	13.902	(1.013)	393086	20.0000	20
106 n-Butylbenzene	91	14.083	14.083	(1.026)	438840	20.0000	22
111 1,2-Dichlorobenzene	146	14.201	14.201	(1.034)	325248	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	15.164	15.164	(1.104)	66244	20.0000	20
114 1,2,4-Trichlorobenzene	180	16.346	16.346	(1.190)	118366	20.0000	20
115 Hexachlorobutadiene	225	16.563	16.563	(1.206)	122109	20.0000	22
116 Naphthalene	128	16.782	16.782	(1.222)	186888	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.206	17.206	(1.253)	89175	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				581702	40.0000	42
M 121 Xylene (Total)	100				786760	60.0000	64

Data File: j03837.d

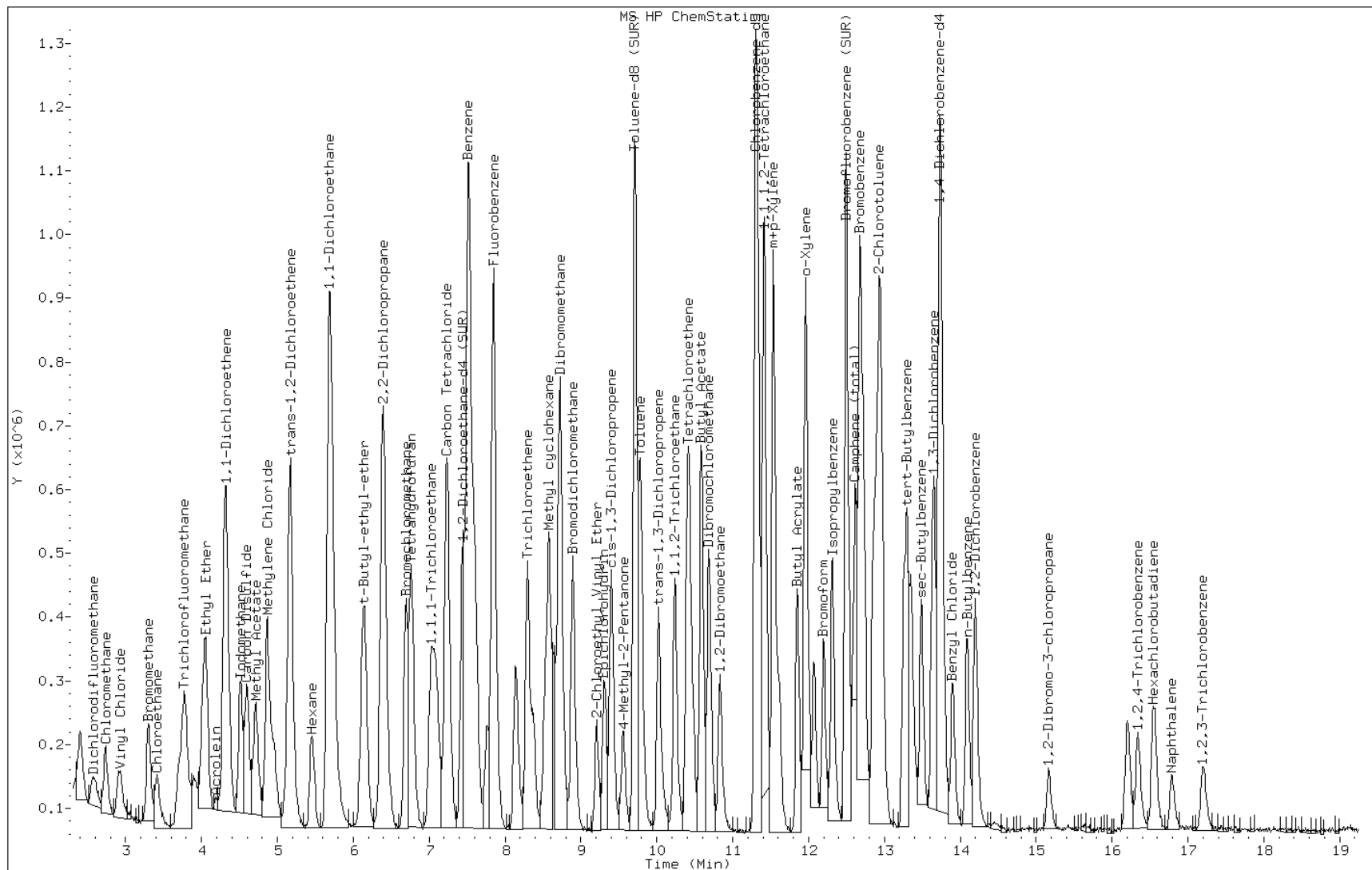
Date: 22-SEP-2011 03:45

Client ID:

Instrument: VOAMS8.i

Sample Info: ICIS-VMCAL3

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 22-SEP-2011 04:10
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 5 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.573	2.562	(0.328)	905181	50.0000	49
3 Chloromethane	50	2.739	2.737	(0.349)	645790	50.0000	50
4 Vinyl Chloride	62	2.922	2.929	(0.372)	654454	50.0000	50
6 Bromomethane	94	3.295	3.297	(0.420)	599498	50.0000	46
5 Chloroethane	64	3.414	3.407	(0.435)	389920	50.0000	49
7 Trichlorofluoromethane	101	3.716	3.718	(0.473)	1267440	50.0000	51
11 Ethyl Ether	59	4.017	4.011	(0.512)	463199	50.0000	50
15 1,1-Dichloroethene	96	4.311	4.312	(0.549)	600023	50.0000	50
14 Freon TF	101	4.311	4.322	(0.549)	924305	50.0000	46
16 Acetone	58	4.366	4.358	(0.556)	41389	50.0000	50
17 Iodomethane	142	4.514	4.515	(0.575)	1531999	50.0000	47
18 Carbon Disulfide	76	4.596	4.598	(0.586)	1798869	50.0000	49
27 Methyl Acetate	74	4.716	4.708	(0.601)	126406	50.0000	50
22 Methylene Chloride	84	4.861	4.868	(0.619)	739116	50.0000	48
24 TBA	59	4.953	4.951	(0.631)	957020	1000.00	930
25 trans-1,2-Dichloroethene	96	5.173	5.181	(0.659)	698012	50.0000	50

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.155	5.153	(0.657)	148296	50.0000	48
28 MTBE	73	5.155	5.153	(0.657)	1623066	50.0000	45
29 Hexane	56	5.458	5.446	(0.695)	174085	50.0000	46
30 1,1-Dichloroethane	63	5.677	5.676	(0.723)	1406042	50.0000	48
31 Vinyl Acetate	43	5.695	5.694	(0.725)	2039953	50.0000	49
32 DIPE	45	5.695	5.694	(0.725)	3064577	50.0000	44
35 t-Butyl-ethyl-ether	59	6.135	6.149	(0.782)	2303809	50.0000	46
37 2,2-Dichloropropane	77	6.391	6.390	(0.814)	1025343	50.0000	45
36 cis-1,2-Dichloroethene	96	6.382	6.382	(0.813)	729538	50.0000	48
38 2-Butanone	72	6.391	6.373	(0.814)	54992	50.0000	52
39 Ethyl Acetate	70	6.409	6.425	(0.816)	136897	100.000	96
40 Bromochloromethane	128	6.692	6.693	(0.853)	472983	50.0000	49
41 Tetrahydrofuran	42	6.729	6.749	(0.857)	157981	50.0000	41
42 Chloroform	83	6.766	6.767	(0.862)	1509803	50.0000	48
43 1,1,1-Trichloroethane	97	7.028	7.031	(0.895)	1148794	50.0000	51
44 Cyclohexane	56	7.098	7.096	(0.904)	571371	50.0000	41
45 Carbon Tetrachloride	117	7.245	7.243	(0.923)	999675	50.0000	49
46 1,1-Dichloropropene	75	7.227	7.234	(0.921)	1025378	50.0000	49
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.439	7.434	(0.948)	667612	50.0000	50
48 Benzene	78	7.512	7.517	(0.665)	1909594	50.0000	50
49 1,2-Dichloroethane	62	7.539	7.535	(0.960)	856125	50.0000	48
50 t-Amyl-methyl-ether	73	7.594	7.600	(0.967)	1827935	50.0000	46
61 Isopropyl Acetate	43	7.521	7.526	(0.958)	3856521	100.000	98
* 52 Fluorobenzene	96	7.850	7.848	(1.000)	1717485	50.0000	
54 Trichloroethene	95	8.297	8.292	(1.057)	782471	50.0000	50
56 Methyl cyclohexane	83	8.533	8.531	(1.087)	349622	50.0000	42
55 Ethyl Acrylate	55	8.377	8.375	(1.067)	850319	50.0000	43
57 1,2-Dichloropropane	63	8.588	8.577	(1.094)	842512	50.0000	47
58 Dibromomethane	93	8.734	8.732	(1.113)	707279	50.0000	46
59 Methyl Methacrylate	100	8.652	8.649	(1.102)	160672	50.0000	44
68 Bromodichloromethane	83	8.889	8.888	(1.132)	1471755	50.0000	48
62 2-Chloroethyl Vinyl Ether	63	9.205	9.207	(1.173)	396440	50.0000	48
63 Epichlorohydrin	57	9.306	9.305	(0.824)	1250516	1000.00	990
67 cis-1,3-Dichloropropene	75	9.397	9.396	(0.832)	1237217	50.0000	49
70 4-Methyl-2-Pentanone	43	9.552	9.553	(0.845)	688796	50.0000	50
\$ 65 Toluene-d8 (SUR)	98	9.708	9.708	(0.859)	1348473	50.0000	51
66 Toluene	91	9.790	9.787	(0.866)	1872886	50.0000	49
64 trans-1,3-Dichloropropene	75	10.018	10.017	(0.887)	1017694	50.0000	48
69 1,1,2-Trichloroethane	83	10.237	10.236	(0.906)	610633	50.0000	51
71 Tetrachloroethene	166	10.403	10.400	(0.921)	605647	50.0000	52
72 1,3-Dichloropropane	76	10.430	10.426	(0.923)	1102045	50.0000	50
73 2-Hexanone	43	10.476	10.482	(0.927)	411630	50.0000	50
74 Dibromochloromethane	129	10.691	10.684	(0.946)	1083011	50.0000	51
76 Butyl Acetate	73	10.584	10.591	(0.937)	411588	100.000	110
77 1,2-Dibromoethane	107	10.829	10.829	(0.958)	964876	50.0000	52
* 78 Chlorobenzene-d5	117	11.299	11.306	(1.000)	1185854	50.0000	
79 Chlorobenzene	112	11.336	11.332	(1.003)	1254289	50.0000	51

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.410	11.410	(1.010)	706255	50.0000	51
81 Ethylbenzene	106	11.419	11.418	(1.011)	482153	50.0000	50
82 m+p-Xylene	106	11.538	11.537	(1.021)	1299085	100.000	100
84 o-Xylene	106	11.957	11.958	(1.058)	622559	50.0000	51
85 Styrene	104	11.966	11.967	(1.059)	1160054	50.0000	50
83 Butyl Acrylate	73	11.848	11.847	(1.049)	553474	50.0000	53
86 Bromoform	173	12.195	12.196	(1.079)	719726	50.0000	55
88 Isopropylbenzene	105	12.315	12.315	(1.090)	1440728	50.0000	50
\$ 89 Bromofluorobenzene (SUR)	174	12.497	12.496	(0.911)	546236	50.0000	48
90 Camphene (total)	93	12.608	12.606	(1.116)	303538	50.0000	37
91 Bromobenzene	156	12.672	12.678	(0.923)	610052	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	12.626	12.624	(0.920)	1014181	50.0000	46
93 1,2,3-Trichloropropane	110	12.691	12.686	(0.925)	228570	50.0000	45
94 trans-1,4-Dichloro-2-butene	53	12.672	12.678	(0.923)	180150	50.0000	46
95 n-Propylbenzene	91	12.728	12.731	(0.928)	1720273	50.0000	50
96 2-Chlorotoluene	91	12.854	12.850	(0.937)	1392583	50.0000	50
97 1,3,5-Trimethylbenzene	105	12.891	12.894	(0.939)	1094746	50.0000	46
98 4-Chlorotoluene	91	12.965	12.959	(0.945)	1544800	50.0000	49
99 Butyl Methacrylate	87	12.937	12.931	(0.943)	944312	50.0000	49
100 tert-Butylbenzene	119	13.259	13.259	(0.966)	1043728	50.0000	48
101 1,2,4-Trimethylbenzene	105	13.305	13.305	(0.970)	1142399	50.0000	47
103 sec-Butylbenzene	105	13.486	13.484	(0.983)	1370849	50.0000	49
105 1,3-Dichlorobenzene	146	13.658	13.667	(0.995)	696643	50.0000	48
107 p-Isopropyltoluene	119	13.630	13.621	(0.993)	1094219	50.0000	50
* 108 1,4-Dichlorobenzene-d4	152	13.722	13.730	(1.000)	526305	50.0000	
109 1,4-Dichlorobenzene	146	13.759	13.756	(1.003)	973526	50.0000	52
110 Benzyl Chloride	91	13.897	13.902	(1.013)	981335	50.0000	49
106 n-Butylbenzene	91	14.089	14.083	(1.027)	1033384	50.0000	51
111 1,2-Dichlorobenzene	146	14.199	14.201	(1.035)	812794	50.0000	50
112 1,2-Dibromo-3-chloropropane	75	15.166	15.164	(1.105)	176721	50.0000	50
114 1,2,4-Trichlorobenzene	180	16.348	16.346	(1.191)	348293	50.0000	51
115 Hexachlorobutadiene	225	16.551	16.563	(1.206)	307517	50.0000	52
116 Naphthalene	128	16.787	16.782	(1.223)	551516	50.0000	51
117 1,2,3-Trichlorobenzene	180	17.200	17.206	(1.253)	260841	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				1427550	100.000	99
M 121 Xylene (Total)	100				1921644	150.000	160

Data File: j03838.d

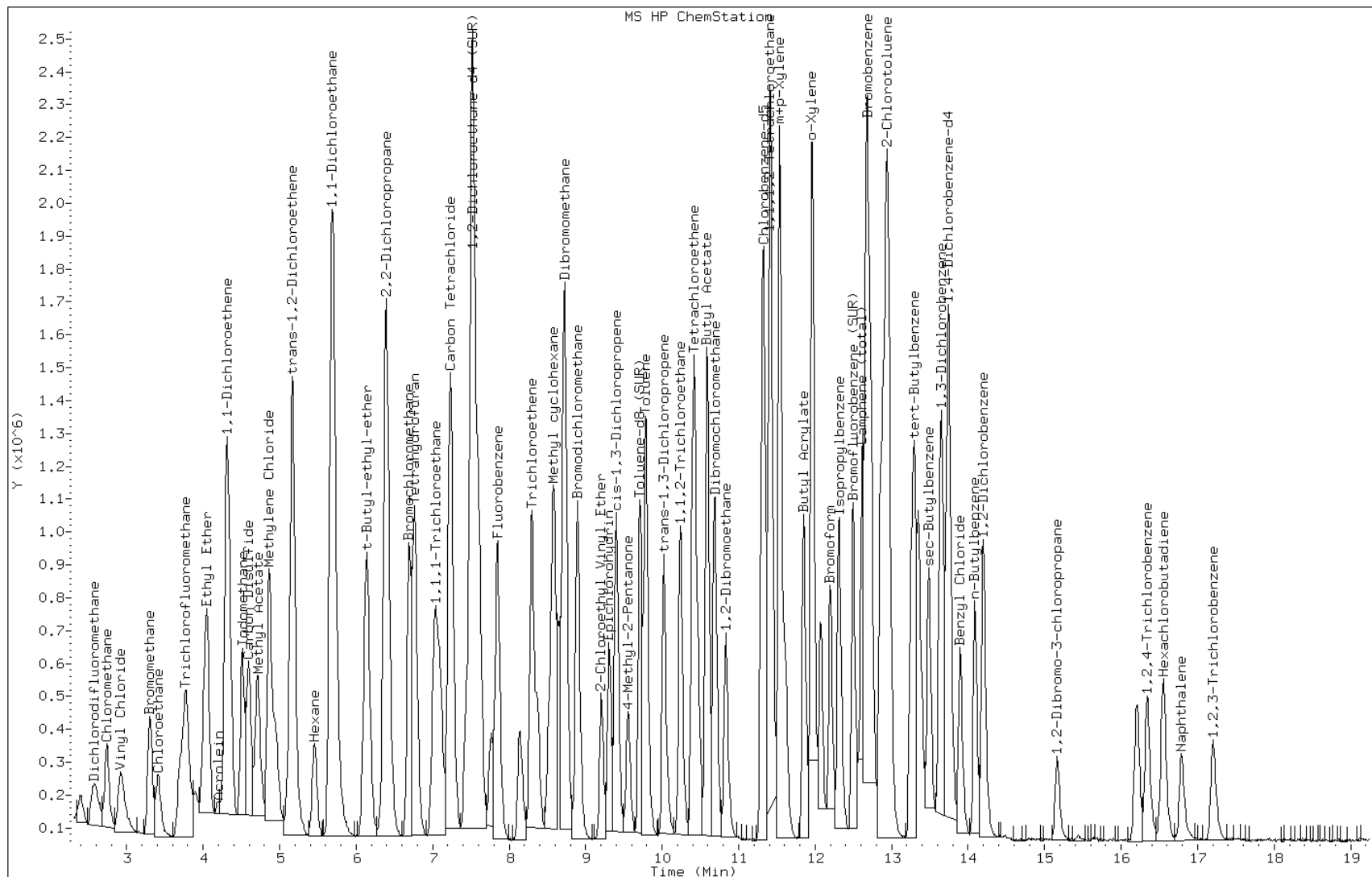
Date: 22-SEP-2011 04:10

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL4

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 22-SEP-2011 04:35
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 6 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.577	2.562	(0.328)	3574362	200.000	200
3 Chloromethane	50	2.760	2.737	(0.352)	2664164	200.000	200
4 Vinyl Chloride	62	2.942	2.929	(0.375)	2762800	200.000	200
6 Bromomethane	94	3.308	3.297	(0.422)	2406446	200.000	210
5 Chloroethane	64	3.419	3.407	(0.436)	1487575	200.000	210
7 Trichlorofluoromethane	101	3.731	3.718	(0.476)	4761746	200.000	220
11 Ethyl Ether	59	4.014	4.011	(0.512)	1703719	200.000	210
15 1,1-Dichloroethene	96	4.305	4.312	(0.549)	2225522	200.000	210
14 Freon TF	101	4.324	4.322	(0.551)	3836695	200.000	220
16 Acetone	58	4.360	4.358	(0.556)	133158	200.000	190
17 Iodomethane	142	4.508	4.515	(0.574)	6171936	200.000	220
18 Carbon Disulfide	76	4.590	4.598	(0.585)	7074348	200.000	220
27 Methyl Acetate	74	4.717	4.708	(0.601)	474162	200.000	200
22 Methylene Chloride	84	4.865	4.868	(0.620)	2716065	200.000	210
24 TBA	59	4.957	4.951	(0.632)	3592527	4000.00	4100(A)
25 trans-1,2-Dichloroethene	96	5.168	5.181	(0.659)	2536937	200.000	210

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.150	5.153	(0.656)	284310	100.000	100
28 MTBE	73	5.150	5.153	(0.656)	5918824	200.000	190
29 Hexane	56	5.451	5.446	(0.695)	783462	200.000	200
30 1,1-Dichloroethane	63	5.677	5.676	(0.724)	5035119	200.000	200
31 Vinyl Acetate	43	5.695	5.694	(0.726)	7259921	200.000	200
32 DIPE	45	5.695	5.694	(0.726)	11032589	200.000	190
35 t-Butyl-ethyl-ether	59	6.131	6.149	(0.781)	8678701	200.000	200
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	3708347	200.000	190
36 cis-1,2-Dichloroethene	96	6.381	6.382	(0.813)	2711919	200.000	210
38 2-Butanone	72	6.390	6.373	(0.814)	198000	200.000	220
39 Ethyl Acetate	70	6.418	6.425	(0.818)	495850	400.000	400
40 Bromochloromethane	128	6.694	6.693	(0.853)	1675086	200.000	200
41 Tetrahydrofuran	42	6.740	6.749	(0.859)	573908	200.000	180
42 Chloroform	83	6.768	6.767	(0.863)	5443415	200.000	200
43 1,1,1-Trichloroethane	97	7.024	7.031	(0.895)	4066021	200.000	210
44 Cyclohexane	56	7.107	7.096	(0.906)	2337855	200.000	200
45 Carbon Tetrachloride	117	7.244	7.243	(0.923)	3768967	200.000	210
46 1,1-Dichloropropene	75	7.226	7.234	(0.921)	3684295	200.000	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.434	7.434	(0.948)	559071	50.0000	49
48 Benzene	78	7.517	7.517	(0.665)	6566844	200.000	200
49 1,2-Dichloroethane	62	7.536	7.535	(0.960)	3008768	200.000	200
50 t-Amyl-methyl-ether	73	7.598	7.600	(0.968)	6645606	200.000	190
61 Isopropyl Acetate	43	7.517	7.526	(0.958)	13312788	400.000	400
* 52 Fluorobenzene	96	7.846	7.848	(1.000)	1473873	50.0000	
54 Trichloroethene	95	8.293	8.292	(1.057)	2762993	200.000	200
56 Methyl cyclohexane	83	8.530	8.531	(1.087)	1524321	200.000	210
55 Ethyl Acrylate	55	8.375	8.375	(1.067)	3178720	200.000	190
57 1,2-Dichloropropane	63	8.583	8.577	(1.094)	2988452	200.000	200
58 Dibromomethane	93	8.731	8.732	(1.113)	2479096	200.000	190
59 Methyl Methacrylate	100	8.657	8.649	(1.103)	581517	200.000	190
68 Bromodichloromethane	83	8.894	8.888	(1.134)	5280142	200.000	200
62 2-Chloroethyl Vinyl Ether	63	9.205	9.207	(1.173)	1642294	200.000	220
63 Epichlorohydrin	57	9.306	9.305	(0.824)	4401100	4000.00	4100
67 cis-1,3-Dichloropropene	75	9.402	9.396	(0.832)	4382317	200.000	200
70 4-Methyl-2-Pentanone	43	9.549	9.553	(0.845)	2577675	200.000	210
\$ 65 Toluene-d8 (SUR)	98	9.711	9.708	(0.859)	1271412	50.0000	55
66 Toluene	91	9.782	9.787	(0.866)	6324406	200.000	200
64 trans-1,3-Dichloropropene	75	10.021	10.017	(0.887)	3650197	200.000	200
69 1,1,2-Trichloroethane	83	10.239	10.236	(0.906)	2102812	200.000	200
71 Tetrachloroethene	166	10.395	10.400	(0.920)	2195342	200.000	220
72 1,3-Dichloropropane	76	10.432	10.426	(0.923)	3818950	200.000	200
73 2-Hexanone	43	10.478	10.482	(0.927)	1466511	200.000	210
74 Dibromochloromethane	129	10.687	10.684	(0.946)	3979248	200.000	220
76 Butyl Acetate	73	10.589	10.591	(0.937)	1408142	400.000	420
77 1,2-Dibromoethane	107	10.834	10.829	(0.959)	3404694	200.000	210
* 78 Chlorobenzene-d5	117	11.299	11.306	(1.000)	1010281	50.0000	
79 Chlorobenzene	112	11.334	11.332	(1.003)	4610877	200.000	220

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.406	11.410	(1.009)	2549569	200.000	210
81 Ethylbenzene	106	11.424	11.418	(1.011)	1739933	200.000	210
82 m+p-Xylene	106	11.535	11.537	(1.021)	4535105	400.000	420
84 o-Xylene	106	11.956	11.958	(1.058)	2299697	200.000	220
85 Styrene	104	11.964	11.967	(1.059)	4321534	200.000	220
83 Butyl Acrylate	73	11.847	11.847	(1.048)	2055880	200.000	220
86 Bromoform	173	12.199	12.196	(1.080)	2602510	200.000	220
88 Isopropylbenzene	105	12.309	12.315	(1.089)	5160607	200.000	210
\$ 89 Bromofluorobenzene (SUR)	174	12.499	12.496	(0.910)	510029	50.0000	50
90 Camphene (total)	93	12.601	12.606	(1.115)	1397760	200.000	200
91 Bromobenzene	156	12.672	12.678	(0.923)	2237063	200.000	190
92 1,1,2,2-Tetrachloroethane	83	12.628	12.624	(0.920)	3528097	200.000	180
93 1,2,3-Trichloropropane	110	12.691	12.686	(0.924)	792652	200.000	180
94 trans-1,4-Dichloro-2-butene	53	12.672	12.678	(0.923)	699916	200.000	200(A)
95 n-Propylbenzene	91	12.728	12.731	(0.927)	5556037	200.000	180
96 2-Chlorotoluene	91	12.856	12.850	(0.936)	5103126	200.000	200(A)
97 1,3,5-Trimethylbenzene	105	12.893	12.894	(0.939)	3875726	200.000	190
98 4-Chlorotoluene	91	12.957	12.959	(0.944)	5155864	200.000	180
99 Butyl Methacrylate	87	12.929	12.931	(0.942)	3459087	200.000	200
100 tert-Butylbenzene	119	13.258	13.259	(0.965)	3776396	200.000	200
101 1,2,4-Trimethylbenzene	105	13.304	13.305	(0.969)	4036249	200.000	190
103 sec-Butylbenzene	105	13.491	13.484	(0.982)	4893128	200.000	200
105 1,3-Dichlorobenzene	146	13.662	13.667	(0.995)	2734606	200.000	210
107 p-Isopropyltoluene	119	13.625	13.621	(0.992)	3769068	200.000	190
* 108 1,4-Dichlorobenzene-d4	152	13.732	13.730	(1.000)	471837	50.0000	
109 1,4-Dichlorobenzene	146	13.750	13.756	(1.001)	3503954	200.000	210
110 Benzyl Chloride	91	13.896	13.902	(1.012)	3651508	200.000	200
106 n-Butylbenzene	91	14.086	14.083	(1.026)	3845233	200.000	210
111 1,2-Dichlorobenzene	146	14.201	14.201	(1.034)	2867468	200.000	200
112 1,2-Dibromo-3-chloropropane	75	15.167	15.164	(1.104)	690534	200.000	200
114 1,2,4-Trichlorobenzene	180	16.348	16.346	(1.190)	1491639	200.000	200
115 Hexachlorobutadiene	225	16.549	16.563	(1.205)	1123392	200.000	210
116 Naphthalene	128	16.786	16.782	(1.222)	2526477	200.000	200
117 1,2,3-Trichlorobenzene	180	17.205	17.206	(1.253)	1020341	200.000	200
M 120 1,2-Dichloroethene (Total)	100				5248856	400.000	420
M 121 Xylene (Total)	100				6834802	600.000	640

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: j03839.d

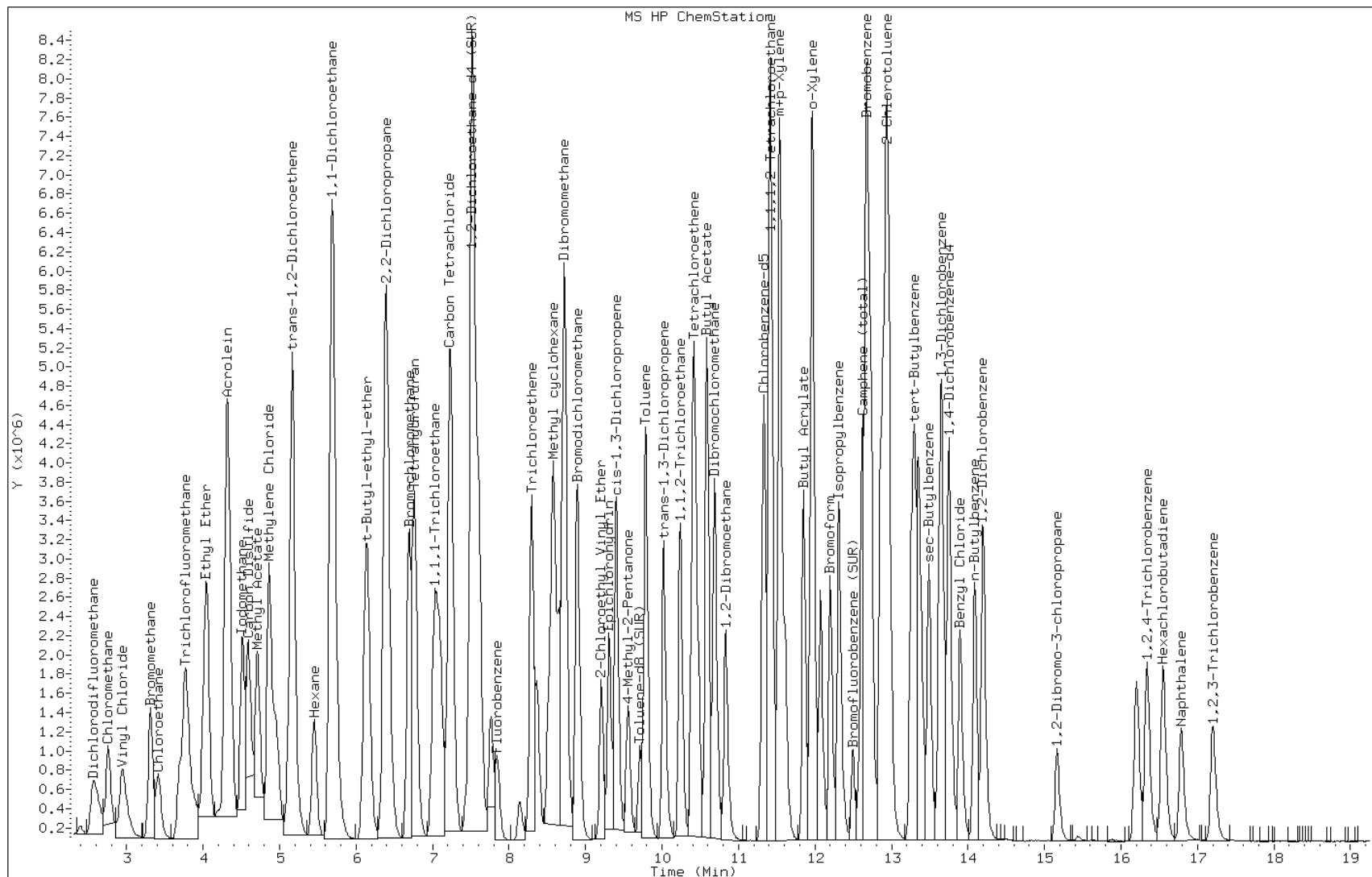
Date: 22-SEP-2011 04:35

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL5

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 22-SEP-2011 05:00
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 7 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.578	2.562 (0.328)		9200447	500.000	510(A)
3 Chloromethane	50	2.786	2.737 (0.355)		6768233	500.000	510(A)
4 Vinyl Chloride	62	2.960	2.929 (0.377)		6820628	500.000	510(A)
6 Bromomethane	94	3.319	3.297 (0.422)		5610185	500.000	540(A)
5 Chloroethane	64	3.420	3.407 (0.435)		3407159	500.000	540(A)
7 Trichlorofluoromethane	101	3.744	3.718 (0.476)		11803101	500.000	580(A)
11 Ethyl Ether	59	4.008	4.011 (0.510)		3786430	500.000	520(A)
15 1,1-Dichloroethene	96	4.317	4.312 (0.549)		5046112	500.000	530(A)
14 Freon TF	101	4.326	4.322 (0.550)		9070246	500.000	560(A)
16 Acetone	58	4.363	4.358 (0.555)		304009	500.000	490
17 Iodomethane	142	4.523	4.515 (0.576)		13194573	500.000	510(A)
18 Carbon Disulfide	76	4.597	4.598 (0.585)		15347618	500.000	530(A)
27 Methyl Acetate	74	4.726	4.708 (0.601)		1037928	500.000	500
22 Methylene Chloride	84	4.869	4.868 (0.620)		5949851	500.000	500(A)
24 TBA	59	4.961	4.951 (0.631)		7946086	10000.0	10000(A)
25 trans-1,2-Dichloroethene	96	5.178	5.181 (0.659)		5684564	500.000	520(A)

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.150	5.153 (0.655)		564293	200.000	230(A)
28 MTBE	73	5.160	5.153 (0.657)		13107600	500.000	480
29 Hexane	56	5.461	5.446 (0.695)		1905060	500.000	510(A)
30 1,1-Dichloroethane	63	5.683	5.676 (0.723)		10556609	500.000	470
31 Vinyl Acetate	43	5.701	5.694 (0.725)		15215566	500.000	490
32 DIPE	45	5.701	5.694 (0.725)		21252556	500.000	420
35 t-Butyl-ethyl-ether	59	6.142	6.149 (0.782)		17849919	500.000	460
37 2,2-Dichloropropane	77	6.392	6.390 (0.813)		8162742	500.000	480
36 cis-1,2-Dichloroethene	96	6.383	6.382 (0.812)		6026371	500.000	510(A)
38 2-Butanone	72	6.392	6.373 (0.813)		446353	500.000	540(A)
39 Ethyl Acetate	70	6.426	6.425 (0.818)		1129396	1000.00	1000(A)
40 Bromochloromethane	128	6.692	6.693 (0.852)		3756393	500.000	500(A)
41 Tetrahydrofuran	42	6.746	6.749 (0.858)		1245591	500.000	440(A)
42 Chloroform	83	6.773	6.767 (0.862)		11411462	500.000	480
43 1,1,1-Trichloroethane	97	7.030	7.031 (0.894)		8900016	500.000	510(A)
44 Cyclohexane	56	7.103	7.096 (0.904)		5406193	500.000	500(A)
45 Carbon Tetrachloride	117	7.250	7.243 (0.922)		8215596	500.000	520(A)
46 1,1-Dichloropropene	75	7.232	7.234 (0.920)		7587663	500.000	480
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.449	7.434 (0.948)		490026	50.0000	48
48 Benzene	78	7.522	7.517 (0.665)		12830150	500.000	450
49 1,2-Dichloroethane	62	7.540	7.535 (0.959)		6265194	500.000	460
50 t-Amyl-methyl-ether	73	7.614	7.600 (0.969)		13558490	500.000	450
61 Isopropyl Acetate	43	7.522	7.526 (0.957)		24342074	1000.00	960(A)
* 52 Fluorobenzene	96	7.859	7.848 (1.000)		1319018	50.0000	
54 Trichloroethene	95	8.295	8.292 (1.056)		5948625	500.000	490
56 Methyl cyclohexane	83	8.542	8.531 (1.087)		3477370	500.000	530(A)
55 Ethyl Acrylate	55	8.376	8.375 (1.066)		6809154	500.000	460
57 1,2-Dichloropropane	63	8.588	8.577 (1.093)		6362283	500.000	470
58 Dibromomethane	93	8.735	8.732 (1.111)		5252834	500.000	460
59 Methyl Methacrylate	100	8.662	8.649 (1.102)		1232115	500.000	450
68 Bromodichloromethane	83	8.901	8.888 (1.133)		10711443	500.000	460
62 2-Chloroethyl Vinyl Ether	63	9.214	9.207 (1.172)		3369658	500.000	510(A)
63 Epichlorohydrin	57	9.315	9.305 (0.824)		9231198	10000.0	9600
67 cis-1,3-Dichloropropene	75	9.406	9.396 (0.832)		8895744	500.000	460
70 4-Methyl-2-Pentanone	43	9.562	9.553 (0.846)		5418320	500.000	500(A)
\$ 65 Toluene-d8 (SUR)	98	9.718	9.708 (0.860)		1088434	50.0000	52
66 Toluene	91	9.791	9.787 (0.866)		12679698	500.000	450
64 trans-1,3-Dichloropropene	75	10.028	10.017 (0.887)		7549360	500.000	470
69 1,1,2-Trichloroethane	83	10.244	10.236 (0.906)		4333790	500.000	470
71 Tetrachloroethene	166	10.403	10.400 (0.920)		4999906	500.000	540(A)
72 1,3-Dichloropropane	76	10.430	10.426 (0.923)		7921759	500.000	480
73 2-Hexanone	43	10.483	10.482 (0.927)		3097120	500.000	490
74 Dibromochloromethane	129	10.692	10.684 (0.946)		8131983	500.000	490
76 Butyl Acetate	73	10.593	10.591 (0.937)		3060622	1000.00	1000(A)
77 1,2-Dibromoethane	107	10.835	10.829 (0.959)		7089894	500.000	490
* 78 Chlorobenzene-d5	117	11.303	11.306 (1.000)		909147	50.0000	
79 Chlorobenzene	112	11.340	11.332 (1.003)		9179998	500.000	480

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.414	11.410	(1.010)	5701164	500.000	520(A)
81 Ethylbenzene	106	11.422	11.418	(1.011)	3596637	500.000	490
82 m+p-Xylene	106	11.541	11.537	(1.021)	9052206	1000.00	940
84 o-Xylene	106	11.961	11.958	(1.058)	4572267	500.000	480
85 Styrene	104	11.970	11.967	(1.059)	8366380	500.000	470
83 Butyl Acrylate	73	11.852	11.847	(1.049)	4629670	500.000	550(A)
86 Bromoform	173	12.203	12.196	(1.080)	5808832	500.000	550(A)
88 Isopropylbenzene	105	12.314	12.315	(1.089)	10460177	500.000	480
\$ 89 Bromofluorobenzene (SUR)	174	12.507	12.496	(0.910)	443737	50.0000	47
90 Camphene (total)	93	12.612	12.606	(1.116)	3330239	500.000	530(A)
91 Bromobenzene	156	12.683	12.678	(0.923)	4819774	500.000	450
92 1,1,2,2-Tetrachloroethane	83	12.630	12.624	(0.919)	7579842	500.000	430(A)
93 1,2,3-Trichloropropane	110	12.692	12.686	(0.924)	1692998	500.000	420(A)
94 trans-1,4-Dichloro-2-butene	53	12.683	12.678	(0.923)	1369967	500.000	430(A)
95 n-Propylbenzene	91	12.738	12.731	(0.927)	10874525	500.000	400
96 2-Chlorotoluene	91	12.864	12.850	(0.936)	10650215	500.000	460(A)
97 1,3,5-Trimethylbenzene	105	12.901	12.894	(0.939)	8209117	500.000	430
98 4-Chlorotoluene	91	12.965	12.959	(0.944)	11159737	500.000	440
99 Butyl Methacrylate	87	12.938	12.931	(0.942)	7706811	500.000	480
100 tert-Butylbenzene	119	13.265	13.259	(0.966)	8577687	500.000	480
101 1,2,4-Trimethylbenzene	105	13.311	13.305	(0.969)	9221328	500.000	460
103 sec-Butylbenzene	105	13.492	13.484	(0.982)	10359351	500.000	450
105 1,3-Dichlorobenzene	146	13.664	13.667	(0.995)	6119630	500.000	500
107 p-Isopropyltoluene	119	13.630	13.621	(0.992)	8996334	500.000	490
* 108 1,4-Dichlorobenzene-d4	152	13.736	13.730	(1.000)	442568	50.0000	
109 1,4-Dichlorobenzene	146	13.764	13.756	(1.002)	7685834	500.000	490
110 Benzyl Chloride	91	13.902	13.902	(1.012)	8277819	500.000	490
106 n-Butylbenzene	91	14.095	14.083	(1.026)	8975541	500.000	520(A)
111 1,2-Dichlorobenzene	146	14.203	14.201	(1.034)	6715796	500.000	500
112 1,2-Dibromo-3-chloropropane	75	15.167	15.164	(1.104)	1688558	500.000	500(A)
114 1,2,4-Trichlorobenzene	180	16.347	16.346	(1.190)	3679457	500.000	500(A)
115 Hexachlorobutadiene	225	16.560	16.563	(1.206)	2563054	500.000	510(A)
116 Naphthalene	128	16.791	16.782	(1.222)	6053480	500.000	500(A)
117 1,2,3-Trichlorobenzene	180	17.202	17.206	(1.252)	2457800	500.000	500(A)
M 120 1,2-Dichloroethene (Total)	100				11710935	1000.00	1000(A)
M 121 Xylene (Total)	100				13624473	1500.00	1400

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: j03840.d

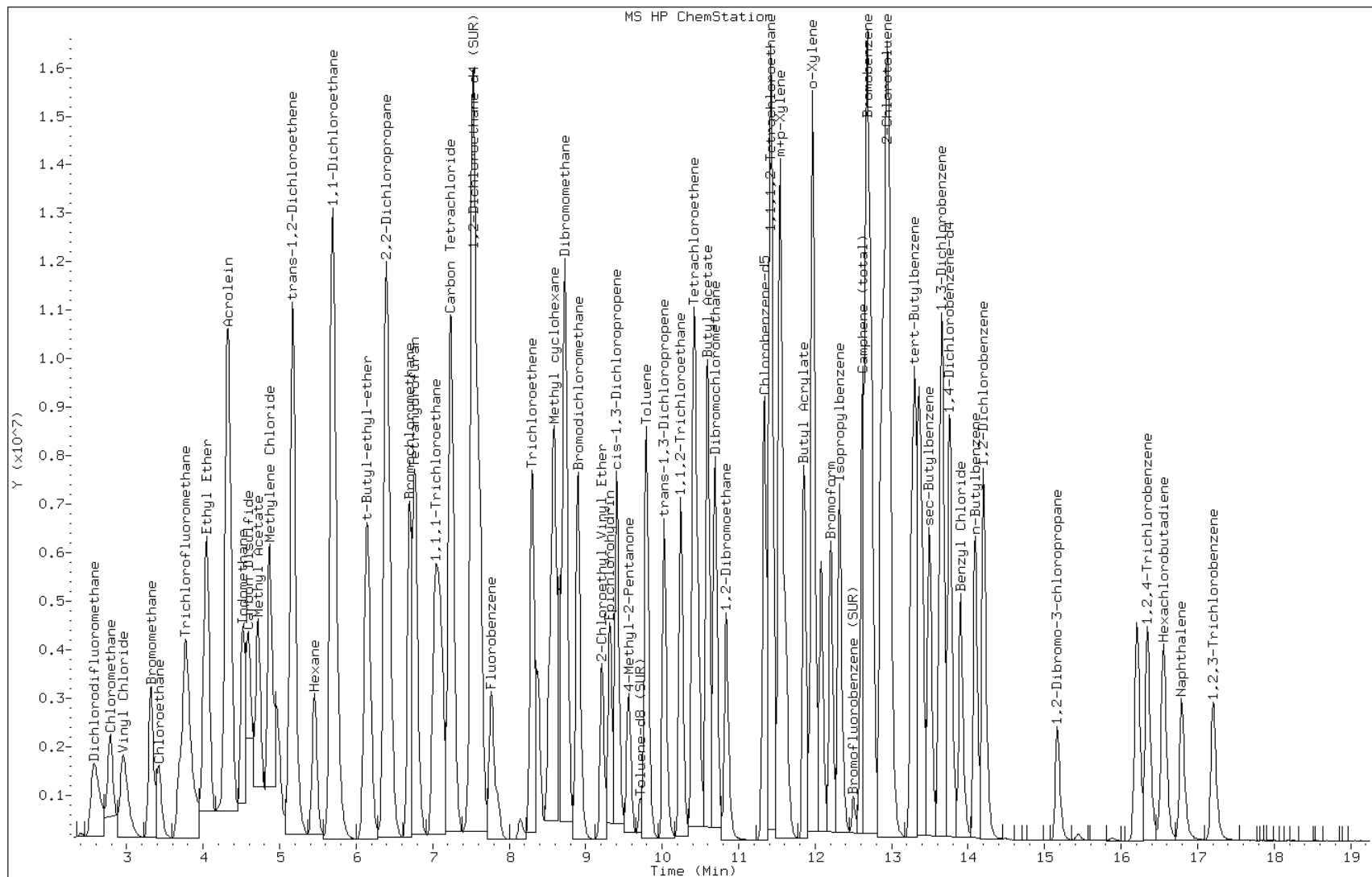
Date: 22-SEP-2011 05:00

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL6

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87263/2 Calibration Date: 09/24/2011 00:43

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03915.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	QuaF	0.5724	0.6995	0.1000	20.4	20.0	2.1	25.0
Chloromethane	QuaF	0.4099	0.4734	0.1000	18.8	20.0	-6.2	25.0
Vinyl chloride	QuaF	0.4113	0.4636	0.1000	18.2	20.0	-9.1	25.0
Bromomethane	Ave	0.3901	0.4337	0.1000	22.2	20.0	11.2	25.0
Chloroethane	Ave	0.2397	0.2619	0.1000	21.9	20.0	9.3	25.0
Trichlorofluoromethane	Ave	0.7688	0.9290	0.1000	24.2	20.0	20.8	25.0
Ethyl ether	Ave	0.2760	0.2783	0.1000	20.2	20.0	0.8	25.0
1,1-Dichloroethene	Ave	0.3601	0.3515	0.1000	19.5	20.0	-2.4	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.6364	0.1000	20.7	20.0	3.7	25.0
Acetone	Ave	0.0236	0.0213*	0.1000	18.0	20.0	-9.9	25.0
Iodomethane	Ave	0.9764	0.9327	0.1000	19.1	20.0	-4.5	25.0
Carbon disulfide	Ave	1.102	1.176	0.1000	21.3	20.0	6.7	25.0
Methyl acetate	LinF	0.0879	0.0754*	0.1000	19.1	20.0	-4.4	25.0
Methylene Chloride	Ave	0.4475	0.4321	0.1000	19.3	20.0	-3.5	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0298*	0.1000	398	400	-0.4	25.0
Methyl tert-butyl ether	Ave	1.026	1.017	0.1000	19.8	20.0	-0.9	25.0
Acrylonitrile	Ave	0.0940	0.0909*	0.1000	19.3	20.0	-3.3	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.4285	0.1000	20.8	20.0	4.2	25.0
Hexane	LinF	0.1318	0.1365	0.1000	19.1	20.0	-4.3	25.0
1,1-Dichloroethane	Ave	0.8431	0.8523	0.1000	20.2	20.0	1.1	25.0
Isopropyl ether	Ave	1.928	1.884	0.1000	19.5	20.0	-2.3	25.0
Vinyl acetate	LinF	1.383	1.315	0.1000	22.6	20.0	12.8	25.0
Tert-butyl ethyl ether	Ave	1.453	1.428	0.1000	19.6	20.0	-1.8	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4372	0.1000	19.6	20.0	-2.0	25.0
2-Butanone (MEK)	Ave	0.0316	0.0337*	0.1000	21.3	20.0	6.7	25.0
2,2-Dichloropropane	Ave	0.6466	0.6521	0.1000	20.2	20.0	0.8	25.0
Ethyl acetate	Ave	0.0417	0.0419*	0.1000	40.2	40.0	0.6	25.0
Chlorobromomethane	Ave	0.2833	0.2708	0.1000	19.1	20.0	-4.4	25.0
Tetrahydrofuran	Ave	0.1065	0.0984*	0.1000	18.5	20.0	-7.7	25.0
Chloroform	Ave	0.9049	0.8857	0.1000	19.6	20.0	-2.1	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.6524	0.1000	19.6	20.0	-2.0	25.0
Cyclohexane	Ave	0.4053	0.4028	0.1000	19.9	20.0	-0.6	25.0
1,1-Dichloropropene	Ave	0.6031	0.5937	0.1000	19.7	20.0	-1.6	25.0
Carbon tetrachloride	Ave	0.6035	0.5818	0.1000	19.3	20.0	-3.6	25.0
Benzene	Ave	1.575	1.666	0.1000	21.2	20.0	5.8	25.0
Isopropyl acetate	LinF	1.197	1.126	0.1000	47.0	40.0	17.4	25.0
1,2-Dichloroethane	Ave	0.5106	0.4916	0.1000	19.3	20.0	-3.7	25.0
Tert-amyl methyl ether	Ave	1.138	1.094	0.1000	19.2	20.0	-3.9	25.0
Trichloroethene	Ave	0.4585	0.4654	0.1000	20.3	20.0	1.5	25.0
Ethyl acrylate	Ave	0.5606	0.4959	0.1000	17.7	20.0	-11.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87263/2 Calibration Date: 09/24/2011 00:43

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03915.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
Methylcyclohexane	Ave	0.2481	0.2589	0.1000	20.9	20.0	4.3	25.0
1,2-Dichloropropane	Ave	0.5098	0.4903	0.1000	19.2	20.0	-3.8	25.0
Methyl methacrylate	Ave	0.1035	0.0947*	0.1000	18.3	20.0	-8.5	25.0
Dibromomethane	Ave	0.4323	0.4267	0.1000	19.7	20.0	-1.3	25.0
Dichlorobromomethane	Ave	0.8857	0.8474	0.1000	19.1	20.0	-4.3	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2647	0.1000	21.1	20.0	5.6	25.0
Epichlorohydrin	Ave	0.0530	0.0533*	0.1000	403	400	0.7	25.0
cis-1,3-Dichloropropene	Ave	1.051	1.045	0.1000	19.9	20.0	-0.6	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5538	0.1000	18.6	20.0	-6.9	25.0
Toluene	Ave	1.563	1.517	0.1000	19.4	20.0	-3.0	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.8385	0.1000	19.0	20.0	-4.8	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.4816	0.1000	19.1	20.0	-4.7	25.0
Tetrachloroethene	Ave	0.5125	0.5212	0.1000	20.3	20.0	1.7	25.0
1,3-Dichloropropane	Ave	0.9170	0.9189	0.1000	20.0	20.0	0.2	25.0
2-Hexanone	Ave	0.3491	0.3111	0.1000	17.8	20.0	-10.9	25.0
n-Butyl acetate	Ave	0.1647	0.1616	0.1000	39.2	40.0	-1.9	25.0
Chlorodibromomethane	Ave	0.9082	0.9074	0.1000	20.0	20.0	-0.0	25.0
1,2-Dibromoethane	Ave	0.7887	0.7746	0.1000	19.6	20.0	-1.8	25.0
Chlorobenzene	Ave	1.044	1.063	0.1000	20.4	20.0	1.8	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.5963	0.1000	20.0	20.0	0.0	25.0
Ethylbenzene	Ave	0.4064	0.4173	0.1000	20.5	20.0	2.7	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.5338	0.1000	40.4	40.0	1.1	25.0
n-Butyl acrylate	Ave	0.4626	0.4459	0.1000	19.3	20.0	-3.6	25.0
o-Xylene	Ave	0.5189	0.5128	0.1000	19.8	20.0	-1.2	25.0
Styrene	Ave	0.9798	0.9704	0.1000	19.8	20.0	-1.0	25.0
Bromoform	Ave	0.5829	0.5305	0.1000	18.2	20.0	-9.0	25.0
Isopropylbenzene	Ave	1.205	1.193	0.1000	19.8	20.0	-1.1	25.0
Camphene	Ave	0.3463	0.3723	0.1000	21.5	20.0	7.5	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	2.047	0.1000	20.7	20.0	3.3	25.0
Bromobenzene	Ave	1.197	1.208	0.1000	20.2	20.0	0.9	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.3729	0.1000	20.8	20.0	4.0	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.4703	0.1000	20.7	20.0	3.7	25.0
N-Propylbenzene	Ave	3.069	3.157	0.1000	20.6	20.0	2.8	25.0
2-Chlorotoluene	Ave	2.627	2.858	0.1000	21.8	20.0	8.8	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.214	0.1000	20.7	20.0	3.4	25.0
Butyl Methacrylate	Ave	1.814	1.840	0.1000	20.3	20.0	1.4	25.0
4-Chlorotoluene	Ave	2.874	3.033	0.1000	21.1	20.0	5.5	25.0
tert-Butylbenzene	Ave	2.027	2.129	0.1000	21.0	20.0	5.0	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.371	0.1000	21.2	20.0	6.0	25.0
sec-Butylbenzene	Ave	2.602	2.850	0.1000	21.9	20.0	9.5	25.0
4-Isopropyltoluene	Ave	2.063	2.107	0.1000	20.4	20.0	2.1	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-87263/2 Calibration Date: 09/24/2011 00:43
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j03915.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
1,3-Dichlorobenzene	Ave	1.391	1.469	0.1000	21.1	20.0	5.6	25.0
1,4-Dichlorobenzene	Ave	1.775	1.947	0.1000	21.9	20.0	9.7	25.0
Benzyl chloride	Ave	1.892	1.990	0.1000	21.0	20.0	5.2	25.0
n-Butylbenzene	Ave	1.956	1.990	0.1000	20.3	20.0	1.7	25.0
1,2-Dichlorobenzene	Ave	1.525	1.698	0.1000	22.3	20.0	11.3	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3415	0.1000	18.0	20.0	-9.9	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.5933	0.1000	15.7	20.0	-21.3	25.0
Hexachlorobutadiene	Ave	0.5666	0.6751	0.1000	23.8	20.0	19.1	25.0
Naphthalene	QuaF	1.019	0.9169	0.1000	14.3	20.0	-28.7*	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.4767	0.1000	17.2	20.0	-13.8	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3778	0.1000	48.9	50.0	-2.2	25.0
Toluene-d8 (Surr)	Ave	1.156	1.129	0.1000	48.8	50.0	-2.3	25.0
4-Bromofluorobenzene	Ave	1.067	1.048	0.1000	49.1	50.0	-1.8	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03915.d
 Report Date: 24-Sep-2011 00:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03915.d
 Lab Smp Id: CCVIS
 Inj Date : 24-SEP-2011 00:43
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.581	2.581	(0.328)	346931	20.0000	20
3 Chloromethane	50	2.744	2.744	(0.349)	234805	20.0000	19
4 Vinyl Chloride	62	2.910	2.910	(0.370)	229913	20.0000	18
6 Bromomethane	94	3.310	3.310	(0.421)	215084	20.0000	22
5 Chloroethane	64	3.429	3.429	(0.436)	129899	20.0000	22
7 Trichlorofluoromethane	101	3.735	3.735	(0.475)	460734	20.0000	24
11 Ethyl Ether	59	4.016	4.016	(0.511)	138013	20.0000	20
15 1,1-Dichloroethene	96	4.319	4.319	(0.549)	174332	20.0000	20
14 Freon TF	101	4.328	4.328	(0.550)	315599	20.0000	21
16 Acetone	58	4.374	4.374	(0.556)	10540	20.0000	18
17 Iodomethane	142	4.526	4.526	(0.575)	462596	20.0000	19
18 Carbon Disulfide	76	4.607	4.607	(0.586)	583133	20.0000	21
27 Methyl Acetate	74	4.721	4.721	(0.600)	37395	20.0000	19
22 Methylene Chloride	84	4.886	4.886	(0.621)	214290	20.0000	19
24 TBA	59	4.968	4.968	(0.632)	295808	400.000	400
25 trans-1,2-Dichloroethene	96	5.193	5.193	(0.660)	212507	20.0000	21

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03915.d
 Report Date: 24-Sep-2011 00:58

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.184	5.184	(0.659)	45062	20.0000	19
28 MTBE	73	5.176	5.176	(0.658)	504350	20.0000	20
29 Hexane	56	5.475	5.475	(0.696)	67712	20.0000	19
30 1,1-Dichloroethane	63	5.694	5.694	(0.724)	422713	20.0000	20
31 Vinyl Acetate	43	5.711	5.711	(0.726)	651955	20.0000	22
32 DIPE	45	5.711	5.711	(0.726)	934419	20.0000	20
35 t-Butyl-ethyl-ether	59	6.161	6.161	(0.783)	708016	20.0000	20
37 2,2-Dichloropropane	77	6.415	6.415	(0.816)	323391	20.0000	20
36 cis-1,2-Dichloroethene	96	6.397	6.397	(0.813)	216821	20.0000	20
38 2-Butanone	72	6.406	6.406	(0.814)	16724	20.0000	21
39 Ethyl Acetate	70	6.433	6.433	(0.818)	41582	40.0000	40
40 Bromochloromethane	128	6.716	6.716	(0.854)	134297	20.0000	19
41 Tetrahydrofuran	42	6.761	6.761	(0.860)	48783	20.0000	18
42 Chloroform	83	6.789	6.789	(0.863)	439244	20.0000	20
43 1,1,1-Trichloroethane	97	7.043	7.043	(0.896)	323554	20.0000	20
44 Cyclohexane	56	7.124	7.124	(0.906)	199747	20.0000	20
45 Carbon Tetrachloride	117	7.262	7.262	(0.923)	288522	20.0000	19
46 1,1-Dichloropropene	75	7.253	7.253	(0.922)	294437	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.453	7.453	(0.948)	468464	50.0000	49
48 Benzene	78	7.526	7.526	(0.665)	564905	20.0000	21
49 1,2-Dichloroethane	62	7.545	7.545	(0.959)	243804	20.0000	19
50 t-Amyl-methyl-ether	73	7.618	7.618	(0.969)	542579	20.0000	19
61 Isopropyl Acetate	43	7.535	7.535	(0.958)	1116761	40.0000	47
* 52 Fluorobenzene	96	7.865	7.865	(1.000)	1239885	50.0000	
54 Trichloroethene	95	8.313	8.313	(1.057)	230826	20.0000	20
56 Methyl cyclohexane	83	8.549	8.549	(1.087)	128398	20.0000	21
55 Ethyl Acrylate	55	8.393	8.393	(1.067)	245929	20.0000	18
57 1,2-Dichloropropane	63	8.595	8.595	(1.093)	243162	20.0000	19
58 Dibromomethane	93	8.751	8.751	(1.113)	211621	20.0000	20
59 Methyl Methacrylate	100	8.678	8.678	(1.103)	46978	20.0000	18
68 Bromodichloromethane	83	8.903	8.903	(1.132)	420262	20.0000	19
62 2-Chloroethyl Vinyl Ether	63	9.223	9.223	(1.173)	131280	20.0000	21
63 Epichlorohydrin	57	9.324	9.324	(0.824)	361792	400.000	400
67 cis-1,3-Dichloropropene	75	9.421	9.421	(0.832)	354268	20.0000	20
70 4-Methyl-2-Pentanone	43	9.576	9.576	(0.846)	187837	20.0000	19
\$ 65 Toluene-d8 (SUR)	98	9.723	9.723	(0.859)	957603	50.0000	49
66 Toluene	91	9.806	9.806	(0.866)	514550	20.0000	19
64 trans-1,3-Dichloropropene	75	10.034	10.034	(0.886)	284390	20.0000	19
69 1,1,2-Trichloroethane	83	10.254	10.254	(0.906)	163338	20.0000	19
71 Tetrachloroethene	166	10.408	10.408	(0.919)	176768	20.0000	20
72 1,3-Dichloropropane	76	10.445	10.445	(0.923)	311670	20.0000	20
73 2-Hexanone	43	10.490	10.490	(0.927)	105522	20.0000	18
74 Dibromochloromethane	129	10.706	10.706	(0.946)	307760	20.0000	20
76 Butyl Acetate	73	10.608	10.608	(0.937)	109618	40.0000	39
77 1,2-Dibromoethane	107	10.844	10.844	(0.958)	262734	20.0000	20
* 78 Chlorobenzene-d5	117	11.320	11.320	(1.000)	847919	50.0000	
79 Chlorobenzene	112	11.347	11.347	(1.002)	360668	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03915.d
 Report Date: 24-Sep-2011 00:58

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.421	11.421	(1.009)	202244	20.0000	20
81 Ethylbenzene	106	11.439	11.439	(1.011)	141529	20.0000	20
82 m+p-Xylene	106	11.549	11.549	(1.020)	362111	40.0000	40
84 o-Xylene	106	11.969	11.969	(1.057)	173938	20.0000	20
85 Styrene	104	11.987	11.987	(1.059)	329122	20.0000	20
83 Butyl Acrylate	73	11.860	11.860	(1.048)	151247	20.0000	19
86 Bromoform	173	12.215	12.215	(1.079)	179915	20.0000	18
88 Isopropylbenzene	105	12.325	12.325	(1.089)	404502	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	12.517	12.517	(0.910)	355643	50.0000	49
90 Camphene (total)	93	12.627	12.627	(1.115)	126273	20.0000	22
91 Bromobenzene	156	12.692	12.692	(0.923)	163969	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.646	12.646	(0.920)	277803	20.0000	21
93 1,2,3-Trichloropropane	110	12.701	12.701	(0.924)	63825	20.0000	21
94 trans-1,4-Dichloro-2-butene	53	12.692	12.692	(0.923)	50608	20.0000	21
95 n-Propylbenzene	91	12.747	12.747	(0.927)	428353	20.0000	20
96 2-Chlorotoluene	91	12.867	12.867	(0.936)	387899	20.0000	22
97 1,3,5-Trimethylbenzene	105	12.913	12.913	(0.939)	300399	20.0000	21
98 4-Chlorotoluene	91	12.977	12.977	(0.944)	411567	20.0000	21
99 Butyl Methacrylate	87	12.950	12.950	(0.942)	249710	20.0000	20
100 tert-Butylbenzene	119	13.276	13.276	(0.965)	288868	20.0000	21
101 1,2,4-Trimethylbenzene	105	13.322	13.322	(0.969)	321773	20.0000	21
103 sec-Butylbenzene	105	13.504	13.504	(0.982)	386751	20.0000	22
105 1,3-Dichlorobenzene	146	13.677	13.677	(0.995)	199309	20.0000	21
107 p-Isopropyltoluene	119	13.640	13.640	(0.992)	285856	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.751	13.751	(1.000)	339252	50.0000	
109 1,4-Dichlorobenzene	146	13.769	13.769	(1.001)	264145	20.0000	22
110 Benzyl Chloride	91	13.916	13.916	(1.012)	270023	20.0000	21
106 n-Butylbenzene	91	14.113	14.113	(1.026)	270102	20.0000	20
111 1,2-Dichlorobenzene	146	14.218	14.218	(1.034)	230460	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	15.181	15.181	(1.104)	46343	20.0000	18
114 1,2,4-Trichlorobenzene	180	16.369	16.369	(1.190)	80513	20.0000	16
115 Hexachlorobutadiene	225	16.587	16.587	(1.206)	91612	20.0000	24
116 Naphthalene	128	16.827	16.827	(1.224)	124421	20.0000	14
117 1,2,3-Trichlorobenzene	180	17.222	17.222	(1.252)	64693	20.0000	17
M 120 1,2-Dichloroethene (Total)	100				429328	40.0000	40
M 121 Xylene (Total)	100				536049	60.0000	60

Data File: j03915.d

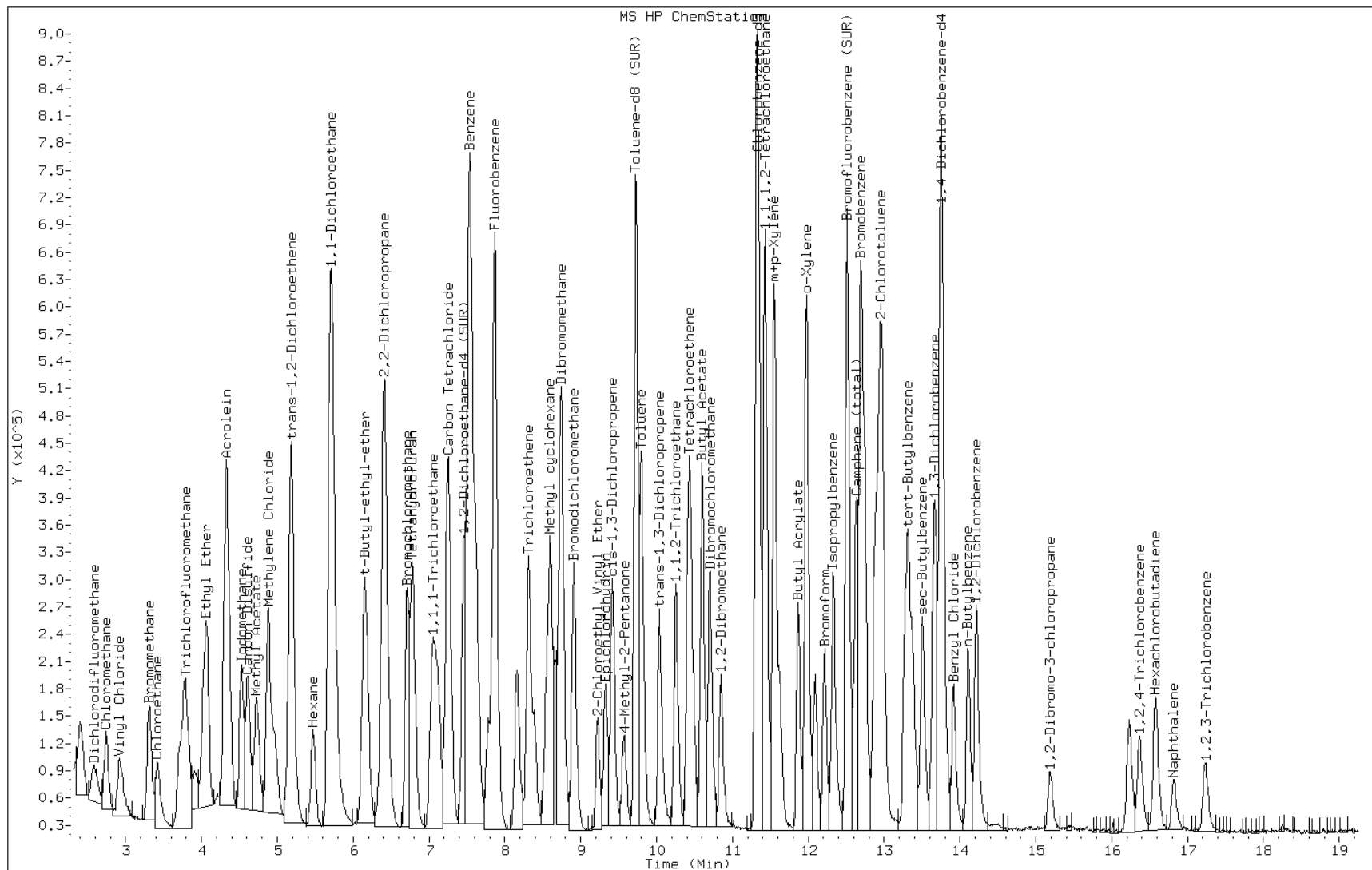
Date: 24-SEP-2011 00:43

Client ID:

Instrument: VOAMS8.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCV 460-87263/18 Calibration Date: 09/24/2011 08:31

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03933.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	QuaF	0.5724	0.7390	0.1000	21.6	20.0	7.9	25.0
Chloromethane	QuaF	0.4099	0.4753	0.1000	18.8	20.0	-5.8	25.0
Vinyl chloride	QuaF	0.4113	0.4986	0.1000	19.6	20.0	-2.2	25.0
Bromomethane	Ave	0.3901	0.4378	0.1000	22.4	20.0	12.2	25.0
Chloroethane	Ave	0.2397	0.2666	0.1000	22.2	20.0	11.2	25.0
Trichlorofluoromethane	Ave	0.7688	0.8626	0.1000	22.4	20.0	12.2	25.0
Ethyl ether	Ave	0.2760	0.2504	0.1000	18.1	20.0	-9.3	25.0
1,1-Dichloroethene	Ave	0.3601	0.3388	0.1000	18.8	20.0	-5.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.6168	0.1000	20.1	20.0	0.5	25.0
Acetone	Ave	0.0236	0.0227*	0.1000	19.2	20.0	-3.9	25.0
Iodomethane	Ave	0.9764	0.8842	0.1000	18.1	20.0	-9.4	25.0
Carbon disulfide	Ave	1.102	0.7184	0.1000	13.0	20.0	-34.8*	25.0
Methyl acetate	LinF	0.0879	0.0629*	0.1000	15.9	20.0	-20.3	25.0
Methylene Chloride	Ave	0.4475	0.4214	0.1000	18.8	20.0	-5.9	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0247*	0.1000	330	400	-17.4	25.0
Methyl tert-butyl ether	Ave	1.026	0.8742	0.1000	17.0	20.0	-14.8	25.0
Acrylonitrile	Ave	0.0940	0.0776*	0.1000	16.5	20.0	-17.4	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.3935	0.1000	19.1	20.0	-4.3	25.0
Hexane	LinF	0.1318	0.1162	0.1000	16.3	20.0	-18.6	25.0
1,1-Dichloroethane	Ave	0.8431	0.7640	0.1000	18.1	20.0	-9.4	25.0
Isopropyl ether	Ave	1.928	1.575	0.1000	16.3	20.0	-18.3	25.0
Vinyl acetate	LinF	1.383	1.022	0.1000	17.5	20.0	-12.3	25.0
Tert-butyl ethyl ether	Ave	1.453	1.222	0.1000	16.8	20.0	-15.9	25.0
2-Butanone (MEK)	Ave	0.0316	0.0286*	0.1000	18.1	20.0	-9.5	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4028	0.1000	18.1	20.0	-9.7	25.0
2,2-Dichloropropane	Ave	0.6466	0.5154	0.1000	15.9	20.0	-20.3	25.0
Ethyl acetate	Ave	0.0417	0.0372*	0.1000	35.7	40.0	-10.7	25.0
Chlorobromomethane	Ave	0.2833	0.2651	0.1000	18.7	20.0	-6.4	25.0
Tetrahydrofuran	Ave	0.1065	0.0825*	0.1000	15.5	20.0	-22.5	25.0
Chloroform	Ave	0.9049	0.8282	0.1000	18.3	20.0	-8.5	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.6513	0.1000	19.6	20.0	-2.2	25.0
Cyclohexane	Ave	0.4053	0.3807	0.1000	18.8	20.0	-6.1	25.0
1,1-Dichloropropene	Ave	0.6031	0.5554	0.1000	18.4	20.0	-7.9	25.0
Carbon tetrachloride	Ave	0.6035	0.5335	0.1000	17.7	20.0	-11.6	25.0
Benzene	Ave	1.575	1.490	0.1000	18.9	20.0	-5.4	25.0
Isopropyl acetate	LinF	1.197	0.9945	0.1000	41.5	40.0	3.7	25.0
1,2-Dichloroethane	Ave	0.5106	0.4773	0.1000	18.7	20.0	-6.5	25.0
Tert-amyl methyl ether	Ave	1.138	0.998	0.1000	17.5	20.0	-12.3	25.0
Trichloroethene	Ave	0.4585	0.4793	0.1000	20.9	20.0	4.5	25.0
Ethyl acrylate	Ave	0.5606	0.4588	0.1000	16.4	20.0	-18.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCV 460-87263/18 Calibration Date: 09/24/2011 08:31

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03933.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
Methylcyclohexane	Ave	0.2481	0.2551	0.1000	20.6	20.0	2.8	25.0
1,2-Dichloropropane	Ave	0.5098	0.4674	0.1000	18.3	20.0	-8.3	25.0
Methyl methacrylate	Ave	0.1035	0.0947*	0.1000	18.3	20.0	-8.5	25.0
Dibromomethane	Ave	0.4323	0.4183	0.1000	19.4	20.0	-3.2	25.0
Dichlorobromomethane	Ave	0.8857	0.7079	0.1000	16.0	20.0	-20.1	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2106	0.1000	16.8	20.0	-16.0	25.0
Epichlorohydrin	Ave	0.0530	0.0441*	0.1000	333	400	-16.8	25.0
cis-1,3-Dichloropropene	Ave	1.051	0.7533	0.1000	14.3	20.0	-28.3*	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5067	0.1000	17.0	20.0	-14.9	25.0
Toluene	Ave	1.563	1.475	0.1000	18.9	20.0	-5.6	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.6079	0.1000	13.8	20.0	-31.0*	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.4924	0.1000	19.5	20.0	-2.6	25.0
Tetrachloroethene	Ave	0.5125	0.4925	0.1000	19.2	20.0	-3.9	25.0
1,3-Dichloropropane	Ave	0.9170	0.8494	0.1000	18.5	20.0	-7.4	25.0
2-Hexanone	Ave	0.3491	0.2724	0.1000	15.6	20.0	-22.0	25.0
n-Butyl acetate	Ave	0.1647	0.1504	0.1000	36.5	40.0	-8.7	25.0
Chlorodibromomethane	Ave	0.9082	0.7146	0.1000	15.7	20.0	-21.3	25.0
1,2-Dibromoethane	Ave	0.7887	0.7356	0.1000	18.7	20.0	-6.7	25.0
Chlorobenzene	Ave	1.044	1.027	0.1000	19.7	20.0	-1.6	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.5731	0.1000	19.2	20.0	-3.9	25.0
Ethylbenzene	Ave	0.4064	0.3831	0.1000	18.9	20.0	-5.7	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.5445	0.1000	41.2	40.0	3.1	25.0
n-Butyl acrylate	Ave	0.4626	0.3870	0.1000	16.7	20.0	-16.3	25.0
o-Xylene	Ave	0.5189	0.5278	0.1000	20.3	20.0	1.7	25.0
Styrene	Ave	0.9798	0.9432	0.1000	19.3	20.0	-3.7	25.0
Bromoform	Ave	0.5829	0.4382	0.1000	15.0	20.0	-24.8	25.0
Isopropylbenzene	Ave	1.205	1.215	0.1000	20.2	20.0	0.8	25.0
Camphene	Ave	0.3463	0.3350	0.1000	19.3	20.0	-3.3	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	1.850	0.1000	18.7	20.0	-6.7	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.2129	0.1000	11.9	20.0	-40.6*	25.0
Bromobenzene	Ave	1.197	1.194	0.1000	19.9	20.0	-0.3	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.4481	0.1000	19.8	20.0	-1.2	25.0
N-Propylbenzene	Ave	3.069	3.340	0.1000	21.8	20.0	8.8	25.0
2-Chlorotoluene	Ave	2.627	2.011	0.1000	15.3	20.0	-23.5	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.237	0.1000	20.9	20.0	4.5	25.0
Butyl Methacrylate	Ave	1.814	1.658	0.1000	18.3	20.0	-8.6	25.0
4-Chlorotoluene	Ave	2.874	2.856	0.1000	19.9	20.0	-0.6	25.0
tert-Butylbenzene	Ave	2.027	2.113	0.1000	20.9	20.0	4.3	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.284	0.1000	20.4	20.0	2.2	25.0
sec-Butylbenzene	Ave	2.602	2.811	0.1000	21.6	20.0	8.0	25.0
4-Isopropyltoluene	Ave	2.063	2.102	0.1000	20.4	20.0	1.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87263/18 Calibration Date: 09/24/2011 08:31
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j03933.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
1,3-Dichlorobenzene	Ave	1.391	1.438	0.1000	20.7	20.0	3.4	25.0
1,4-Dichlorobenzene	Ave	1.775	1.749	0.1000	19.7	20.0	-1.4	25.0
Benzyl chloride	Ave	1.892	1.453	0.1000	15.4	20.0	-23.2	25.0
n-Butylbenzene	Ave	1.956	2.014	0.1000	20.6	20.0	3.0	25.0
1,2-Dichlorobenzene	Ave	1.525	1.584	0.1000	20.8	20.0	3.9	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3008	0.1000	15.9	20.0	-20.6	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.5472	0.1000	14.5	20.0	-27.4*	25.0
Hexachlorobutadiene	Ave	0.5666	0.6282	0.1000	22.2	20.0	10.9	25.0
Naphthalene	QuaF	1.019	0.8094	0.1000	12.6	20.0	-37.0*	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.4269	0.1000	15.4	20.0	-22.8	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3596	0.1000	46.6	50.0	-6.9	25.0
Toluene-d8 (Surr)	Ave	1.156	1.094	0.1000	47.3	50.0	-5.4	25.0
4-Bromofluorobenzene	Ave	1.067	1.052	0.1000	49.3	50.0	-1.4	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11dea.b/j03933.d
 Report Date: 26-Sep-2011 13:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11dea.b/j03933.d
 Lab Smp Id: CCV
 Inj Date : 24-SEP-2011 08:31
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11dea.b/8260DE_09.m
 Meth Date : 26-Sep-2011 13:35 maryb Quant Type: ISTD
 Cal Date : 24-SEP-2011 08:31 Cal File: j03933.d
 Als bottle: 20 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * 5/\text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.584	2.584	(0.329)	322518	20.0000	22
3 Chloromethane	50	2.738	2.738	(0.349)	207427	20.0000	19
4 Vinyl Chloride	62	2.920	2.920	(0.372)	217608	20.0000	20
6 Bromomethane	94	3.311	3.311	(0.422)	191045	20.0000	22
5 Chloroethane	64	3.412	3.412	(0.434)	116371	20.0000	22
7 Trichlorofluoromethane	101	3.721	3.721	(0.474)	376465	20.0000	22
11 Ethyl Ether	59	4.013	4.013	(0.511)	109295	20.0000	18
15 1,1-Dichloroethene	96	4.314	4.314	(0.549)	147845	20.0000	19
14 Freon TF	101	4.332	4.332	(0.552)	269174	20.0000	20
16 Acetone	58	4.359	4.359	(0.555)	9884	20.0000	19
17 Iodomethane	142	4.525	4.525	(0.576)	385903	20.0000	18
18 Carbon Disulfide	76	4.596	4.596	(0.585)	313548	20.0000	13
27 Methyl Acetate	74	4.724	4.724	(0.602)	27454	20.0000	16
22 Methylene Chloride	84	4.880	4.880	(0.621)	183891	20.0000	19
24 TBA	59	4.953	4.953	(0.631)	215848	400.000	330
25 trans-1,2-Dichloroethene	96	5.181	5.181	(0.660)	171736	20.0000	19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.163	5.163	(0.657)	33876	20.0000	16
28 MTBE	73	5.154	5.154	(0.656)	381539	20.0000	17
29 Hexane	56	5.465	5.465	(0.696)	50718	20.0000	16
30 1,1-Dichloroethane	63	5.676	5.676	(0.723)	333426	20.0000	18
31 Vinyl Acetate	43	5.703	5.703	(0.726)	445907	20.0000	18
32 DIPE	45	5.694	5.694	(0.725)	687176	20.0000	16
35 t-Butyl-ethyl-ether	59	6.147	6.147	(0.783)	533225	20.0000	17
37 2,2-Dichloropropane	77	6.403	6.403	(0.815)	224935	20.0000	16
36 cis-1,2-Dichloroethene	96	6.384	6.384	(0.813)	175807	20.0000	18
38 2-Butanone	72	6.375	6.375	(0.812)	12474	20.0000	18
39 Ethyl Acetate	70	6.421	6.421	(0.818)	32490	40.0000	36
40 Bromochloromethane	128	6.703	6.703	(0.854)	115688	20.0000	19
41 Tetrahydrofuran	42	6.748	6.748	(0.859)	36015	20.0000	15
42 Chloroform	83	6.766	6.766	(0.862)	361467	20.0000	18
43 1,1,1-Trichloroethane	97	7.041	7.041	(0.897)	284258	20.0000	20
44 Cyclohexane	56	7.105	7.105	(0.905)	166130	20.0000	19
45 Carbon Tetrachloride	117	7.243	7.243	(0.922)	232829	20.0000	18
46 1,1-Dichloropropene	75	7.234	7.234	(0.921)	242390	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.440	7.440	(0.947)	392428	50.0000	46
48 Benzene	78	7.523	7.523	(0.665)	468065	20.0000	19
49 1,2-Dichloroethane	62	7.541	7.541	(0.960)	208293	20.0000	19
50 t-Amyl-methyl-ether	73	7.605	7.605	(0.968)	435734	20.0000	18
61 Isopropyl Acetate	43	7.523	7.523	(0.958)	868027	40.0000	41
* 52 Fluorobenzene	96	7.853	7.853	(1.000)	1091067	50.0000	
54 Trichloroethene	95	8.302	8.302	(1.057)	209161	20.0000	21
56 Methyl cyclohexane	83	8.536	8.536	(1.087)	111326	20.0000	20
55 Ethyl Acrylate	55	8.375	8.375	(1.066)	200228	20.0000	16
57 1,2-Dichloropropane	63	8.591	8.591	(1.094)	203967	20.0000	18
58 Dibromomethane	93	8.734	8.734	(1.112)	182552	20.0000	19
59 Methyl Methacrylate	100	8.655	8.655	(1.102)	41343	20.0000	18
68 Bromodichloromethane	83	8.899	8.899	(1.133)	308955	20.0000	16
62 2-Chloroethyl Vinyl Ether	63	9.216	9.216	(1.174)	91926	20.0000	17
63 Epichlorohydrin	57	9.315	9.315	(0.824)	277006	400.000	330
67 cis-1,3-Dichloropropene	75	9.407	9.407	(0.832)	236645	20.0000	14
70 4-Methyl-2-Pentanone	43	9.563	9.563	(0.845)	159179	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	9.717	9.717	(0.859)	859486	50.0000	47
66 Toluene	91	9.790	9.790	(0.865)	463444	20.0000	19
64 trans-1,3-Dichloropropene	75	10.028	10.028	(0.887)	190975	20.0000	14
69 1,1,2-Trichloroethane	83	10.246	10.246	(0.906)	154692	20.0000	19
71 Tetrachloroethene	166	10.402	10.402	(0.920)	154722	20.0000	19
72 1,3-Dichloropropane	76	10.430	10.430	(0.922)	266851	20.0000	18
73 2-Hexanone	43	10.485	10.485	(0.927)	85572	20.0000	16
74 Dibromochloromethane	129	10.692	10.692	(0.945)	224495	20.0000	16
76 Butyl Acetate	73	10.592	10.592	(0.936)	94512	40.0000	36
77 1,2-Dibromoethane	107	10.838	10.838	(0.958)	231089	20.0000	19
* 78 Chlorobenzene-d5	117	11.311	11.311	(1.000)	785375	50.0000	
79 Chlorobenzene	112	11.338	11.338	(1.002)	322665	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11dea.b/j03933.d
 Report Date: 26-Sep-2011 13:35

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.412	11.412	(1.009)	180032	20.0000	19
81 Ethylbenzene	106	11.430	11.430	(1.011)	120351	20.0000	19
82 m+p-Xylene	106	11.541	11.541	(1.020)	342094	40.0000	41
84 o-Xylene	106	11.958	11.958	(1.057)	165814	20.0000	20
85 Styrene	104	11.976	11.976	(1.059)	296318	20.0000	19
83 Butyl Acrylate	73	11.857	11.857	(1.048)	121569	20.0000	17
86 Bromoform	173	12.204	12.204	(1.079)	137672	20.0000	15
88 Isopropylbenzene	105	12.323	12.323	(1.089)	381590	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	12.507	12.507	(0.911)	340154	50.0000	49
90 Camphene (total)	93	12.616	12.616	(1.115)	105229	20.0000	19
91 Bromobenzene	156	12.681	12.681	(0.923)	154428	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.635	12.635	(0.920)	239250	20.0000	19
93 1,2,3-Trichloropropane	110	12.690	12.690	(0.924)	57956	20.0000	20
94 trans-1,4-Dichloro-2-butene	53	12.672	12.672	(0.923)	27531	20.0000	12
95 n-Propylbenzene	91	12.736	12.736	(0.927)	431947	20.0000	22
96 2-Chlorotoluene	91	12.856	12.856	(0.936)	260045	20.0000	15
97 1,3,5-Trimethylbenzene	105	12.902	12.902	(0.939)	289306	20.0000	21
98 4-Chlorotoluene	91	12.966	12.966	(0.944)	369355	20.0000	20
99 Butyl Methacrylate	87	12.938	12.938	(0.942)	214458	20.0000	18
100 tert-Butylbenzene	119	13.256	13.256	(0.965)	273335	20.0000	21
101 1,2,4-Trimethylbenzene	105	13.312	13.312	(0.969)	295468	20.0000	20
103 sec-Butylbenzene	105	13.495	13.495	(0.983)	363574	20.0000	22
105 1,3-Dichlorobenzene	146	13.669	13.669	(0.995)	186026	20.0000	21
107 p-Isopropyltoluene	119	13.633	13.633	(0.993)	271903	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.734	13.734	(1.000)	323344	50.0000	
109 1,4-Dichlorobenzene	146	13.761	13.761	(1.002)	226242	20.0000	20
110 Benzyl Chloride	91	13.906	13.906	(1.013)	187971	20.0000	15
106 n-Butylbenzene	91	14.089	14.089	(1.026)	260537	20.0000	20
111 1,2-Dichlorobenzene	146	14.206	14.206	(1.034)	204931	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	15.163	15.163	(1.104)	38906	20.0000	16
114 1,2,4-Trichlorobenzene	180	16.359	16.359	(1.191)	70774	20.0000	14
115 Hexachlorobutadiene	225	16.550	16.550	(1.205)	81246	20.0000	22
116 Naphthalene	128	16.797	16.797	(1.223)	104690	20.0000	12
117 1,2,3-Trichlorobenzene	180	17.208	17.208	(1.253)	55213	20.0000	15
M 120 1,2-Dichloroethene (Total)	100				347543	40.0000	37
M 121 Xylene (Total)	100				507908	60.0000	62

Data File: j03933.d

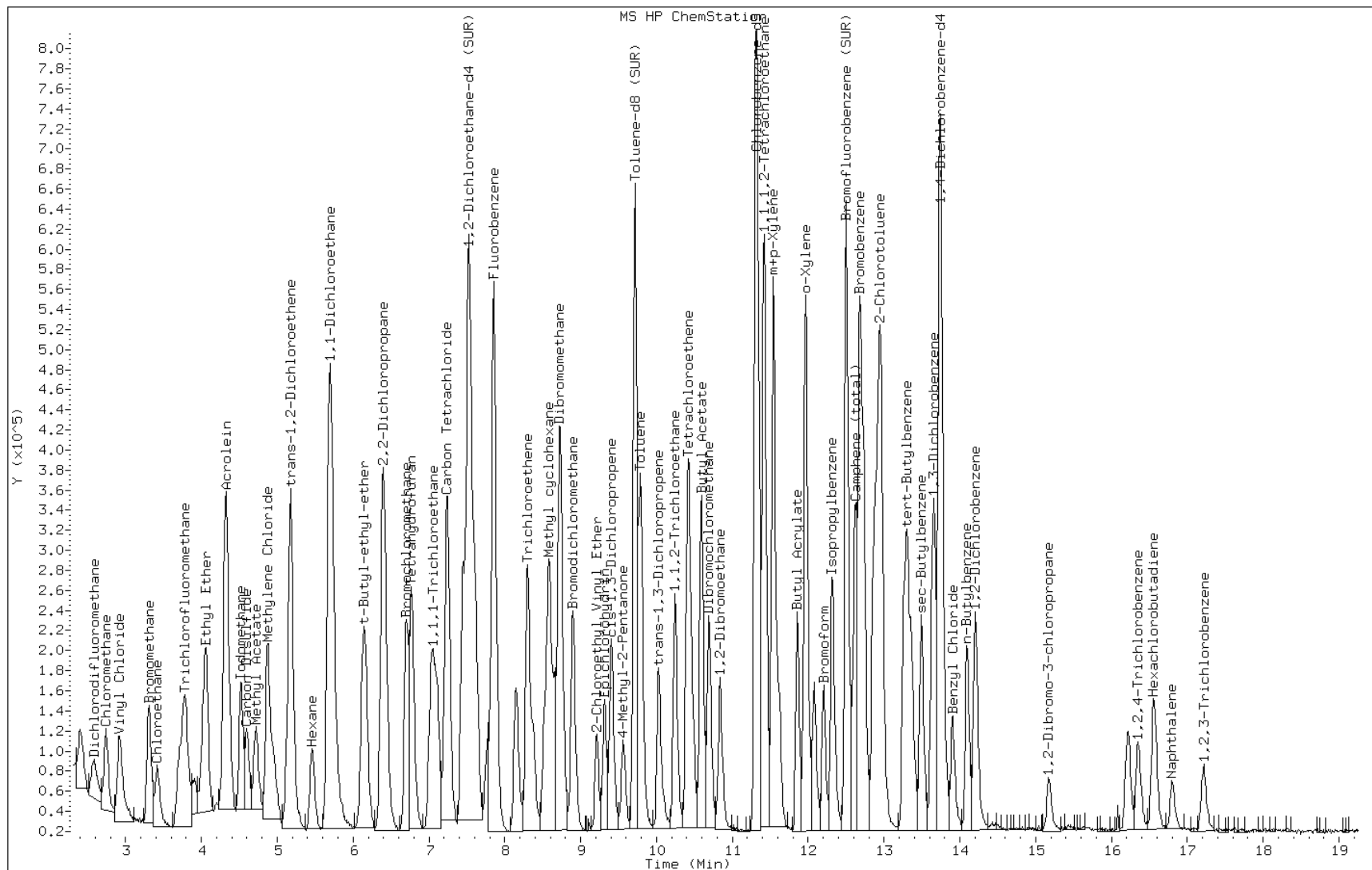
Date: 24-SEP-2011 08:31

Client ID:

Instrument: VOAMS8.i

Sample Info: CCV

Operator:



TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03832.d
 Lab Smp Id: BFB
 Inj Date : 22-SEP-2011 01:35
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260BFB.m
 Meth Date : 22-Oct-2010 18:32 maryb Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	ON-COL		TARGET RANGE	RATIO
				(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
6.952	7.025 (0.000)	95	160896			0.00- 100.00	100.00
6.952	7.025 (0.000)	50	37056			15.00- 40.00	23.03
6.952	7.025 (0.000)	75	77736			30.00- 60.00	48.31
6.952	7.025 (0.000)	96	11276			5.00- 9.00	7.01
6.952	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.952	7.025 (0.000)	174	93776			50.00- 100.00	58.28
6.952	7.025 (0.000)	175	6871			5.00- 9.00	7.33
6.952	7.025 (0.000)	176	91856			95.00- 101.00	97.95
6.952	7.025 (0.000)	177	5966			5.00- 9.00	6.49

Data File: j03832.d

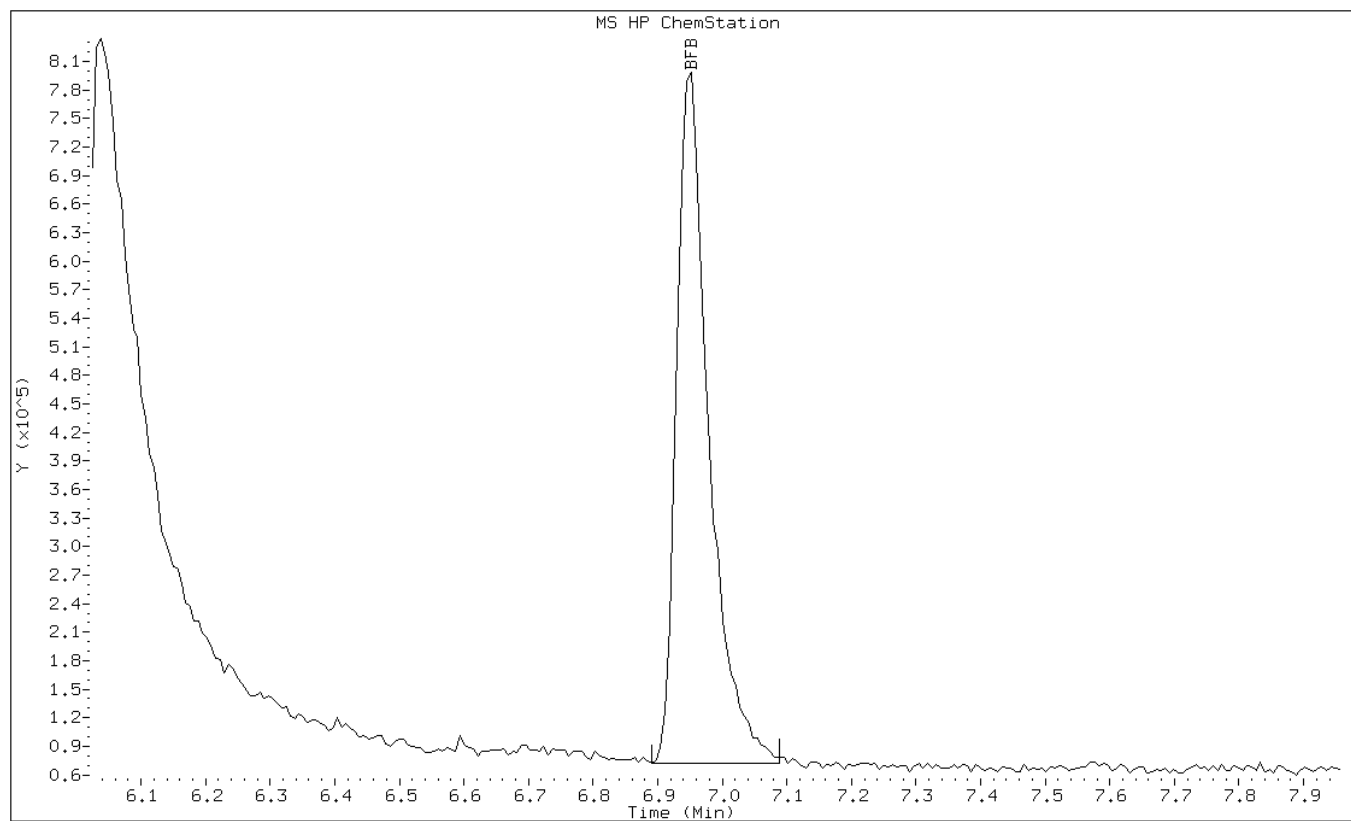
Date: 22-SEP-2011 01:35

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j03832.d

Date: 22-SEP-2011 01:35

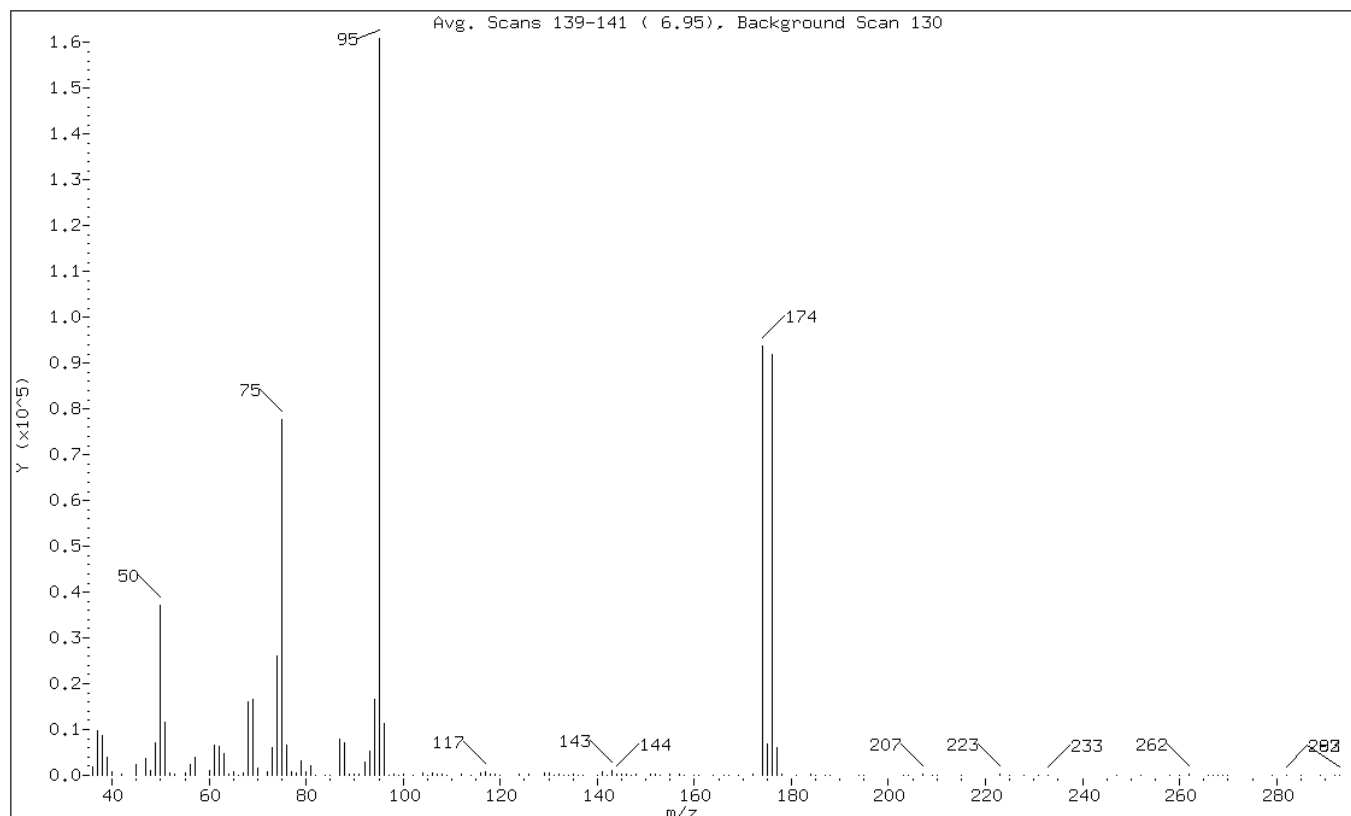
Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

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	23.03
75	30.00 - 60.00% of mass 95	48.31
96	5.00 - 9.00% of mass 95	7.01
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	58.28
175	5.00 - 9.00% of mass 174	4.27 (7.33)
176	95.00 - 101.00% of mass 174	57.09 (97.95)
177	5.00 - 9.00% of mass 176	3.71 (6.49)

Data File: j03832.d

Date: 22-SEP-2011 01:35

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03832.d
Spectrum: Avg. Scans 139-141 (6.95), Background Scan 130
Location of Maximum: 95.00
Number of points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1846	80.00	744	130.00	584	184.00	333
37.00	9784	81.00	2186	131.00	115	185.00	117
38.00	8737	82.00	20	132.00	135	187.00	1
39.00	4022	84.00	51	133.00	19	188.00	80
40.00	704	85.00	50	134.00	83	194.00	92
42.00	323	87.00	7838	135.00	339	195.00	39
45.00	2239	88.00	7089	136.00	38	203.00	92
47.00	3680	89.00	160	137.00	97	204.00	36
48.00	982	90.00	164	140.00	3	207.00	278
49.00	7107	91.00	299	141.00	723	209.00	85
50.00	37056	92.00	3028	142.00	77	210.00	33
51.00	11698	93.00	5385	143.00	1041	215.00	62
52.00	432	94.00	16472	144.00	297	223.00	143
53.00	134	95.00	160896	145.00	220	225.00	48
55.00	508	96.00	11276	146.00	244	228.00	35
56.00	2476	97.00	66	147.00	73	231.00	46
57.00	3822	98.00	246	148.00	271	233.00	99
60.00	977	99.00	84	151.00	220	247.00	35
61.00	6647	100.00	135	152.00	201	252.00	104
62.00	6306	102.00	60	153.00	25	258.00	120
63.00	4712	104.00	398	155.00	192	260.00	50
64.00	247	105.00	37	157.00	272	262.00	139
65.00	676	106.00	500	158.00	34	266.00	38
66.00	41	107.00	312	160.00	92	267.00	44
67.00	483	108.00	143	161.00	81	268.00	75
68.00	15953	109.00	60	164.00	34	269.00	35
69.00	16712	112.00	285	166.00	58	270.00	34
70.00	1684	114.00	84	167.00	87	279.00	33
72.00	711	116.00	479	169.00	61	282.00	92
73.00	6152	117.00	664	172.00	145	285.00	44
74.00	26032	118.00	368	174.00	93776	289.00	65
75.00	77736	119.00	260	175.00	6871	292.00	44
76.00	6562	120.00	37	176.00	91856	293.00	57
77.00	833	124.00	169	177.00	5966		
78.00	633	126.00	204	178.00	165		
79.00	3097	129.00	480	181.00	58		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03913.d
 Lab Smp Id: BFB
 Inj Date : 23-SEP-2011 23:49
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260BFB.m
 Meth Date : 22-Oct-2010 18:32 maryb Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
6.960	7.025 (0.000)	95	130646			0.00- 100.00	100.00
6.960	7.025 (0.000)	50	32194			15.00- 40.00	24.64
6.960	7.025 (0.000)	75	68277			30.00- 60.00	52.26
6.960	7.025 (0.000)	96	8308			5.00- 9.00	6.36
6.960	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.960	7.025 (0.000)	174	71237			50.00- 100.00	54.53
6.960	7.025 (0.000)	175	4960			5.00- 9.00	6.96
6.960	7.025 (0.000)	176	71434			95.00- 101.00	100.28
6.960	7.025 (0.000)	177	4217			5.00- 9.00	5.90

Data File: j03913.d

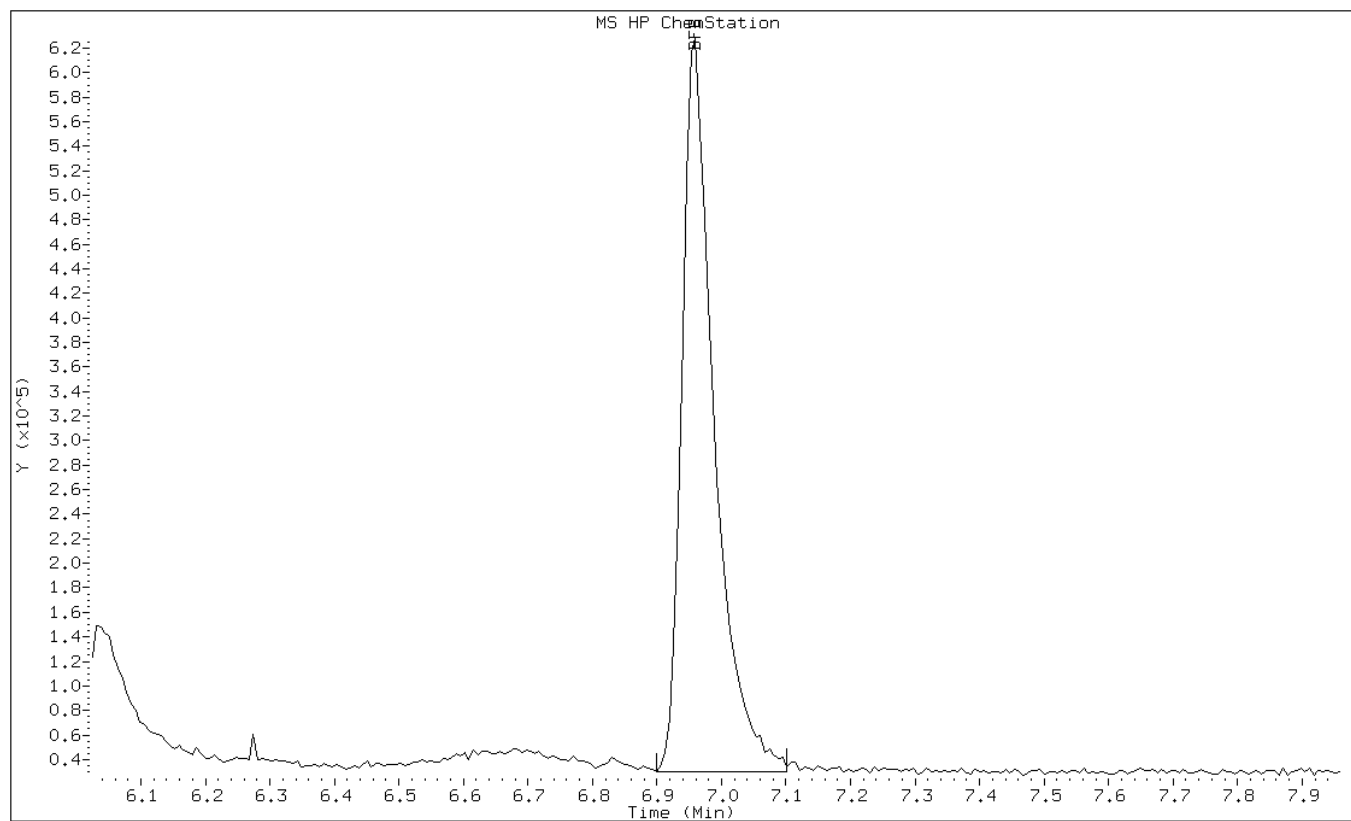
Date: 23-SEP-2011 23:49

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j03913.d

Date: 23-SEP-2011 23:49

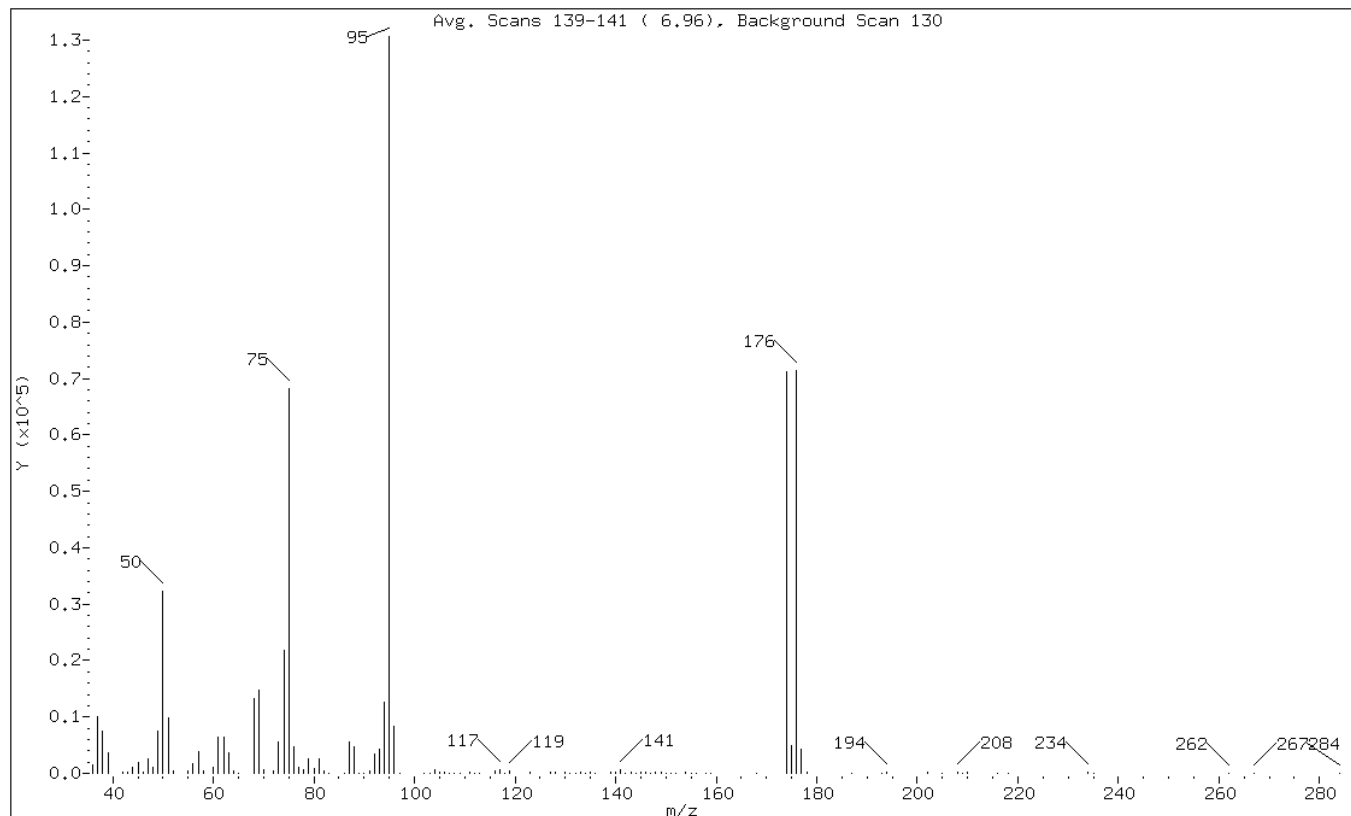
Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

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	24.64
75	30.00 - 60.00% of mass 95	52.26
96	5.00 - 9.00% of mass 95	6.36
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	54.53
175	5.00 - 9.00% of mass 174	3.80 (6.96)
176	95.00 - 101.00% of mass 174	54.68 (100.28)
177	5.00 - 9.00% of mass 176	3.23 (5.90)

Data File: j03913.d

Date: 23-SEP-2011 23:49

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03913.d
Spectrum: Avg. Scans 139-141 (6.96), Background Scan 130
Location of Maximum: 95.00
Number of points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1428	74.00	21728	111.00	112	152.00	93
37.00	9948	75.00	68272	112.00	34	154.00	185
38.00	7530	76.00	4768	113.00	54	155.00	81
39.00	3599	77.00	1084	116.00	394	156.00	96
42.00	108	78.00	740	117.00	620	158.00	97
43.00	231	79.00	2477	118.00	59	159.00	97
44.00	985	80.00	788	119.00	409	168.00	22
45.00	1829	81.00	2664	123.00	114	174.00	71232
46.00	235	82.00	494	127.00	116	175.00	4960
47.00	2503	83.00	73	128.00	166	176.00	71432
48.00	998	86.00	60	130.00	214	177.00	4217
49.00	7447	87.00	5534	131.00	88	178.00	235
50.00	32192	88.00	4772	132.00	44	187.00	60
51.00	9938	89.00	58	133.00	124	193.00	37
52.00	404	90.00	57	134.00	64	194.00	129
55.00	399	91.00	328	135.00	290	202.00	139
56.00	1672	92.00	3391	136.00	63	205.00	34
57.00	3905	93.00	4354	139.00	119	208.00	236
58.00	346	94.00	12582	140.00	116	209.00	43
60.00	1143	95.00	130640	141.00	542	210.00	176
61.00	6308	96.00	8308	142.00	68	216.00	35
62.00	6373	97.00	67	143.00	233	218.00	46
63.00	3667	102.00	85	144.00	52	234.00	107
64.00	456	103.00	62	145.00	116	235.00	33
65.00	86	104.00	545	146.00	141	262.00	42
68.00	13239	105.00	250	147.00	55	267.00	11
69.00	14857	106.00	157	148.00	157	284.00	85
70.00	625	107.00	69	149.00	119		
72.00	477	108.00	37	150.00	65		
73.00	5462	109.00	18	151.00	40		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87263/4
 Matrix: Water Lab File ID: j03918.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 02:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87263/4
 Matrix: Water Lab File ID: j03918.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 02:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-122
460-00-4	4-Bromofluorobenzene	111		69-135
2037-26-5	Toluene-d8 (Surr)	100		69-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87263/4
Matrix: Water Lab File ID: j03918.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 02:14
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 87263 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03918.d
 Report Date: 24-Sep-2011 02:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03918.d
 Lab Smp Id: MB
 Inj Date : 24-SEP-2011 02:14
 Operator : Inst ID: VOAMS8.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 5 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.453	7.453	(0.948)	406892	47.4794	47	
* 52 Fluorobenzene	96	7.864	7.865	(1.000)	1134092	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.726	9.723	(0.859)	905489	49.8574	50	
* 78 Chlorobenzene-d5	117	11.318	11.320	(1.000)	804067	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.513	12.517	(0.911)	337293	55.4110	55	
* 108 1,4-Dichlorobenzene-d4	152	13.737	13.751	(1.000)	290328	50.0000		

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03918.d
Report Date: 24-Sep-2011 02:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03918.d
Lab Smp Id: MB
Inj Date : 24-SEP-2011 02:14
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03918.d

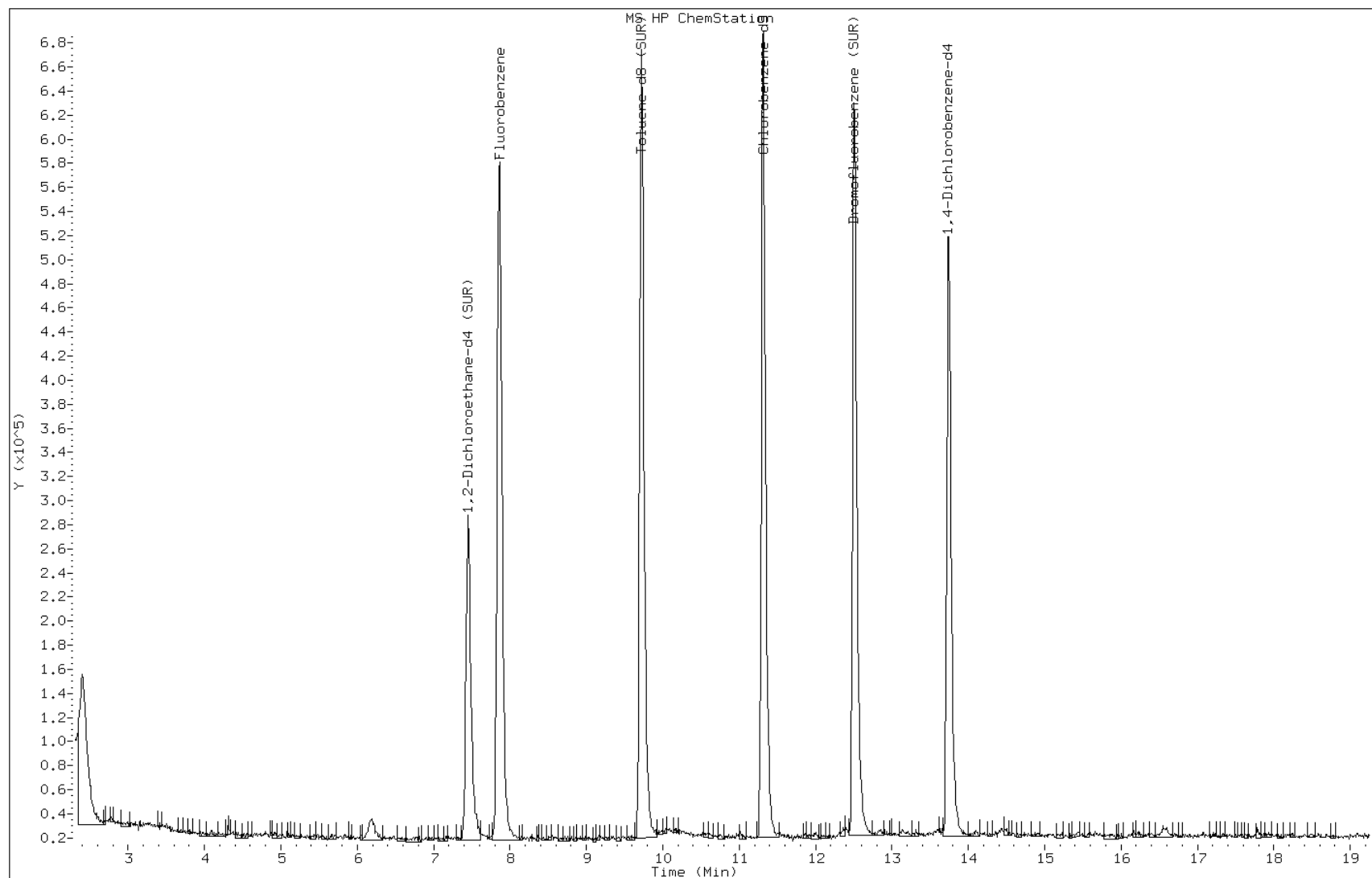
Date: 24-SEP-2011 02:14

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-87263/3

Matrix: Water Lab File ID: j03916.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 01:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.25
75-71-8	Dichlorodifluoromethane	11.5		1.0	0.29
74-87-3	Chloromethane	12.5		1.0	0.21
75-01-4	Vinyl chloride	14.5		1.0	0.13
74-83-9	Bromomethane	12.8		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.4		1.0	0.16
75-69-4	Trichlorofluoromethane	14.8		1.0	0.16
75-35-4	1,1-Dichloroethene	18.2		1.0	0.14
78-87-5	1,2-Dichloropropane	19.7		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.4		1.0	0.28
67-64-1	Acetone	13.7		10	2.5
75-15-0	Carbon disulfide	16.8		1.0	0.15
79-20-9	Methyl acetate	16.6		2.0	0.33
75-09-2	Methylene Chloride	18.9		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	17.5		1.0	0.14
124-48-1	Chlorodibromomethane	18.8		1.0	0.11
1634-04-4	Methyl tert-butyl ether	19.1		1.0	0.18
75-00-3	Chloroethane	16.0		1.0	0.45
75-34-3	1,1-Dichloroethane	19.7		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.20
78-93-3	2-Butanone (MEK)	18.5		10	0.82
67-66-3	Chloroform	19.3		1.0	0.15
100-41-4	Ethylbenzene	19.2		1.0	0.25
110-82-7	Cyclohexane	19.9		1.0	0.13
56-23-5	Carbon tetrachloride	18.9		1.0	0.19
71-43-2	Benzene	19.2		1.0	0.13
107-06-2	1,2-Dichloroethane	21.3		1.0	0.24
79-01-6	Trichloroethene	18.0		1.0	0.18
108-87-2	Methylcyclohexane	20.0		1.0	0.090
75-27-4	Dichlorobromomethane	19.2		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	21.1		10	0.68
108-88-3	Toluene	19.1		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.12
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87263/3
 Matrix: Water Lab File ID: j03916.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 01:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	18.5		1.0	0.20
591-78-6	2-Hexanone	20.1		10	0.55
106-93-4	1,2-Dibromoethane	19.3		1.0	0.090
108-90-7	Chlorobenzene	18.4		1.0	0.16
1330-20-7	Xylenes, Total	56.9		3.0	0.43
100-42-5	Styrene	18.8		1.0	0.13
75-25-2	Bromoform	19.4		1.0	0.10
98-82-8	Isopropylbenzene	20.1		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1.0	0.090
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	21.4		1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-122
460-00-4	4-Bromofluorobenzene	101		69-135
2037-26-5	Toluene-d8 (Surr)	99		69-125

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03916.d
 Report Date: 24-Sep-2011 01:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03916.d
 Lab Smp Id: LCS
 Inj Date : 24-SEP-2011 01:24
 Operator : Inst ID: VOAMS8.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 3 QC Sample: BS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * 5/\text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	2.564	2.581	(0.327)	218018		11.4878	11
3 Chloromethane	50	2.722	2.744	(0.347)	160239		12.4752	12
4 Vinyl Chloride	62	2.904	2.910	(0.370)	182942		14.5458	14
6 Bromomethane	94	3.278	3.310	(0.418)	150645		12.8037	13
5 Chloroethane	64	3.396	3.429	(0.433)	113529		15.9768	16
7 Trichlorofluoromethane	101	3.714	3.735	(0.474)	373430		14.8166	15
11 Ethyl Ether	59	3.998	4.016	(0.510)	147639		19.5555	20
13 Acrolein	56	4.182	4.209	(0.533)	49277		36.8081	37
15 1,1-Dichloroethene	96	4.301	4.319	(0.549)	173843		18.2293	18
14 Freon TF	101	4.301	4.328	(0.549)	335118		19.4111	19
16 Acetone	58	4.354	4.374	(0.555)	7905		13.7102	14
17 Iodomethane	142	4.500	4.526	(0.574)	477395		18.8654	19
18 Carbon Disulfide	76	4.579	4.607	(0.584)	535123		16.7755	17
27 Methyl Acetate	74	4.699	4.721	(0.599)	34044		16.6420	17
22 Methylene Chloride	84	4.855	4.886	(0.619)	221972		18.9358	19
24 TBA	59	4.936	4.968	(0.630)	319438		394.817	390

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03916.d
 Report Date: 24-Sep-2011 01:44

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
25 trans-1,2-Dichloroethene	96	5.166	5.193	(0.659)	203300	17.4885	17
26 Acrylonitrile	53	5.138	5.184	(0.655)	43266	17.5517	18
28 MTBE	73	5.138	5.176	(0.655)	528039	19.1392	19
29 Hexane	56	5.437	5.475	(0.693)	76875	20.7543	21
30 1,1-Dichloroethane	63	5.666	5.694	(0.723)	454491	19.6548	20
31 Vinyl Acetate	43	5.683	5.711	(0.725)	966475	27.0995	27
32 DIPE	45	5.683	5.711	(0.725)	1024585	20.0445	20
35 t-Butyl-ethyl-ether	59	6.120	6.161	(0.781)	774839	20.0059	20
37 2,2-Dichloropropane	77	6.393	6.415	(0.815)	346095	19.5639	20
36 cis-1,2-Dichloroethene	96	6.375	6.397	(0.813)	223833	18.8717	19
38 2-Butanone	72	6.366	6.406	(0.812)	16890	18.4612	18
39 Ethyl Acetate	70	6.403	6.433	(0.817)	43639	38.3692	38
40 Bromochloromethane	128	6.687	6.716	(0.853)	141213	19.2219	19
41 Tetrahydrofuran	42	6.733	6.761	(0.859)	49399	18.5112	18
42 Chloroform	83	6.760	6.789	(0.862)	462936	19.2665	19
43 1,1,1-Trichloroethane	97	7.027	7.043	(0.896)	334734	18.9122	19
44 Cyclohexane	56	7.091	7.124	(0.904)	217739	19.9271	20
45 Carbon Tetrachloride	117	7.238	7.262	(0.923)	298547	18.9157	19
46 1,1-Dichloropropene	75	7.229	7.253	(0.922)	301147	18.6971	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.429	7.453	(0.947)	521447	50.8701	51
48 Benzene	78	7.502	7.526	(0.663)	569388	19.1591	19
49 1,2-Dichloroethane	62	7.530	7.545	(0.960)	283596	21.2641	21
50 t-Amyl-methyl-ether	73	7.603	7.618	(0.970)	589509	19.8617	20
61 Isopropyl Acetate	43	7.511	7.535	(0.958)	1229787	40.2614	40
* 52 Fluorobenzene	96	7.841	7.865	(1.000)	1356508	50.0000	
54 Trichloroethene	95	8.283	8.313	(1.056)	226973	17.9754	18
56 Methyl cyclohexane	83	8.530	8.549	(1.088)	140490	20.0021	20
55 Ethyl Acrylate	55	8.375	8.393	(1.068)	267566	19.8889	20
57 1,2-Dichloropropane	63	8.586	8.595	(1.095)	261648	19.6703	20
58 Dibromomethane	93	8.733	8.751	(1.114)	215303	18.5986	18
59 Methyl Methacrylate	100	8.650	8.678	(1.103)	50854	19.7887	20
68 Bromodichloromethane	83	8.889	8.903	(1.134)	440561	19.1635	19
62 2-Chloroethyl Vinyl Ether	63	9.210	9.223	(1.175)	136206	18.9664	19
63 Epichlorohydrin	57	9.311	9.324	(0.823)	351144	368.975	370
67 cis-1,3-Dichloropropene	75	9.403	9.421	(0.831)	361501	19.3963	19
70 4-Methyl-2-Pentanone	43	9.560	9.576	(0.845)	208535	21.1027	21
\$ 65 Toluene-d8 (SUR)	98	9.715	9.723	(0.859)	993015	49.2778	49
66 Toluene	91	9.789	9.806	(0.865)	517650	19.1227	19
64 trans-1,3-Dichloropropene	75	10.024	10.034	(0.886)	303810	20.3062	20
69 1,1,2-Trichloroethane	83	10.239	10.254	(0.905)	175557	20.4302	20
71 Tetrachloroethene	166	10.407	10.408	(0.920)	171919	18.4867	18
72 1,3-Dichloropropane	76	10.435	10.445	(0.922)	308259	18.8002	19
73 2-Hexanone	43	10.481	10.490	(0.926)	111730	20.1263	20
74 Dibromochloromethane	129	10.696	10.706	(0.945)	305154	18.8472	19
76 Butyl Acetate	73	10.595	10.608	(0.936)	112082	38.8707	39
77 1,2-Dibromoethane	107	10.840	10.844	(0.958)	266579	19.2863	19
* 78 Chlorobenzene-d5	117	11.313	11.320	(1.000)	892161	50.0000	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03916.d
 Report Date: 24-Sep-2011 01:44

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
79 Chlorobenzene	112	11.341	11.347	(1.002)	348992	18.3929	18
80 1,1,1,2-Tetrachloroethane	131	11.414	11.421	(1.009)	202803	19.0607	19
81 Ethylbenzene	106	11.423	11.439	(1.010)	143115	19.2211	19
82 m+p-Xylene	106	11.541	11.549	(1.020)	359139	37.7044	38
84 o-Xylene	106	11.962	11.969	(1.057)	175708	19.2016	19
85 Styrene	104	11.980	11.987	(1.059)	325350	18.7903	19
83 Butyl Acrylate	73	11.862	11.860	(1.049)	163333	20.5271	20
86 Bromoform	173	12.204	12.215	(1.079)	183409	19.3773	19
88 Isopropylbenzene	105	12.321	12.325	(1.089)	427400	20.0842	20
\$ 89 Bromofluorobenzene (SUR)	174	12.505	12.517	(0.911)	368643	50.3025	50
90 Camphene (total)	93	12.614	12.627	(1.115)	155429	23.3970	23
91 Bromobenzene	156	12.688	12.692	(0.924)	157838	18.6856	19
92 1,1,2,2-Tetrachloroethane	83	12.633	12.646	(0.920)	276701	19.3345	19
93 1,2,3-Trichloropropane	110	12.697	12.701	(0.925)	62915	19.1347	19
94 trans-1,4-Dichloro-2-butene	53	12.679	12.692	(0.923)	64116	24.5925	24
95 n-Propylbenzene	91	12.743	12.747	(0.928)	485094	21.9828	22
96 2-Chlorotoluene	91	12.859	12.867	(0.936)	393856	19.7096	20
97 1,3,5-Trimethylbenzene	105	12.905	12.913	(0.940)	317405	20.5104	20
98 4-Chlorotoluene	91	12.977	12.977	(0.945)	405590	19.1296	19
99 Butyl Methacrylate	87	12.942	12.950	(0.942)	265252	20.6196	21
100 tert-Butylbenzene	119	13.270	13.276	(0.966)	298312	20.0460	20
101 1,2,4-Trimethylbenzene	105	13.306	13.322	(0.969)	325725	19.6498	20
103 sec-Butylbenzene	105	13.498	13.504	(0.983)	400517	20.1024	20
105 1,3-Dichlorobenzene	146	13.669	13.677	(0.995)	199884	19.4675	19
107 p-Isopropyltoluene	119	13.641	13.640	(0.993)	306588	20.8193	21
* 108 1,4-Dichlorobenzene-d4	152	13.733	13.751	(1.000)	349538	50.0000	
109 1,4-Dichlorobenzene	146	13.770	13.769	(1.003)	252572	18.5610	18
110 Benzyl Chloride	91	13.908	13.916	(1.013)	263198	18.9208	19
106 n-Butylbenzene	91	14.101	14.113	(1.027)	292998	21.0569	21
111 1,2-Dichlorobenzene	146	14.211	14.218	(1.035)	218960	18.4428	18
112 1,2-Dibromo-3-chloropropane	75	15.177	15.181	(1.105)	47520	19.9042	20
114 1,2,4-Trichlorobenzene	180	16.366	16.369	(1.192)	88601	21.3614	21
115 Hexachlorobutadiene	225	16.576	16.587	(1.207)	92402	19.5788	20
116 Naphthalene	128	16.809	16.827	(1.224)	134446	20.9754	21
117 1,2,3-Trichlorobenzene	180	17.223	17.222	(1.254)	70391	21.1211	21
M 120 1,2-Dichloroethene (Total)	100				427133	36.3741	36
M 121 Xylene (Total)	100				534847	56.9060	57

Data File: j03916.d

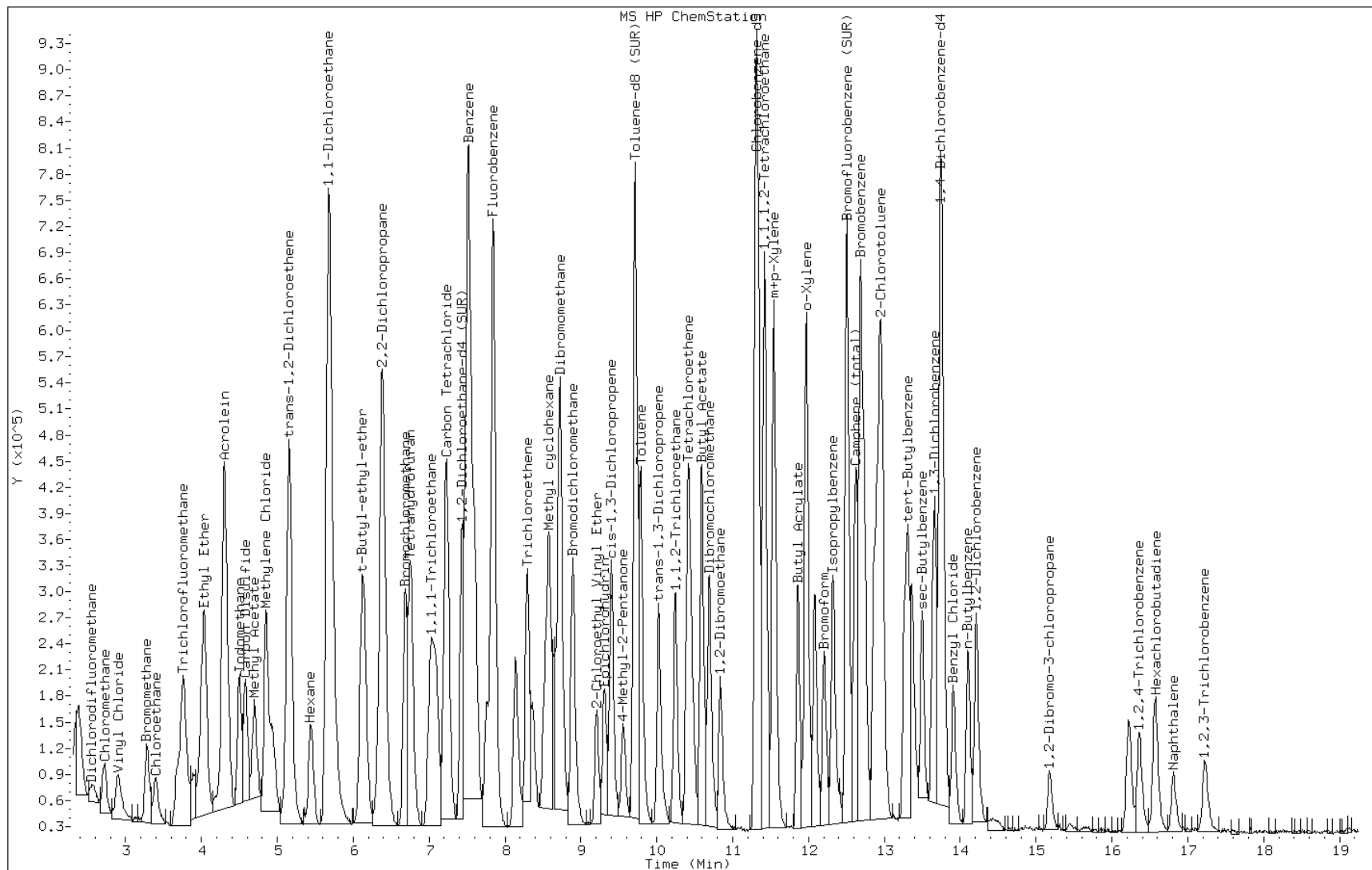
Date: 24-SEP-2011 01:24

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: GW-17338-091611-MM-01 MS Lab Sample ID: 460-31258-1 MS

Matrix: Water Lab File ID: j03924.d

Analysis Method: 8260B Date Collected: 09/16/2011 08:30

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 04:45

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	96.7		5.0	1.3
75-71-8	Dichlorodifluoromethane	79.1		5.0	1.5
74-87-3	Chloromethane	77.1		5.0	1.1
75-01-4	Vinyl chloride	94.6		5.0	0.65
74-83-9	Bromomethane	81.8		5.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	90.8		5.0	0.75
95-50-1	1,2-Dichlorobenzene	90.2		5.0	0.80
75-69-4	Trichlorofluoromethane	84.3		5.0	0.80
75-35-4	1,1-Dichloroethene	95.1		5.0	0.70
78-87-5	1,2-Dichloropropane	94.7		5.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	99.8		5.0	1.4
67-64-1	Acetone	116		50	12
75-15-0	Carbon disulfide	55.0		5.0	0.75
79-20-9	Methyl acetate	74.5		10	1.7
75-09-2	Methylene Chloride	94.5		5.0	0.95
156-60-5	trans-1,2-Dichloroethene	88.9		5.0	0.70
124-48-1	Chlorodibromomethane	76.9		5.0	0.55
1634-04-4	Methyl tert-butyl ether	86.4		5.0	0.90
75-00-3	Chloroethane	86.8		5.0	2.3
75-34-3	1,1-Dichloroethane	89.9		5.0	0.50
156-59-2	cis-1,2-Dichloroethene	91.9		5.0	1.0
78-93-3	2-Butanone (MEK)	77.3		50	4.1
67-66-3	Chloroform	90.3		5.0	0.75
100-41-4	Ethylbenzene	89.2		5.0	1.3
110-82-7	Cyclohexane	93.2		5.0	0.65
56-23-5	Carbon tetrachloride	87.7		5.0	0.95
71-43-2	Benzene	83.4		5.0	0.65
107-06-2	1,2-Dichloroethane	97.6		5.0	1.2
79-01-6	Trichloroethene	146		5.0	0.90
108-87-2	Methylcyclohexane	101		5.0	0.45
75-27-4	Dichlorobromomethane	86.5		5.0	0.47
10061-01-5	cis-1,3-Dichloropropene	66.4		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	95.6		50	3.4
108-88-3	Toluene	91.6		5.0	0.45
10061-02-6	trans-1,3-Dichloropropene	67.7		5.0	0.60
79-00-5	1,1,2-Trichloroethane	92.8		5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-01 MS Lab Sample ID: 460-31258-1 MS
 Matrix: Water Lab File ID: j03924.d
 Analysis Method: 8260B Date Collected: 09/16/2011 08:30
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 04:45
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	93.4		5.0	1.0
591-78-6	2-Hexanone	87.3		50	2.8
106-93-4	1,2-Dibromoethane	92.4		5.0	0.45
108-90-7	Chlorobenzene	91.0		5.0	0.80
1330-20-7	Xylenes, Total	289		15	2.2
100-42-5	Styrene	93.4		5.0	0.65
75-25-2	Bromoform	74.8		5.0	0.50
98-82-8	Isopropylbenzene	97.1		5.0	1.1
79-34-5	1,1,2,2-Tetrachloroethane	37.2		5.0	0.45
541-73-1	1,3-Dichlorobenzene	90.8		5.0	1.1
106-46-7	1,4-Dichlorobenzene	95.8		5.0	0.75
120-82-1	1,2,4-Trichlorobenzene	99.0		5.0	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-122
460-00-4	4-Bromofluorobenzene	101		69-135
2037-26-5	Toluene-d8 (Surr)	97		69-125

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03924.d
 Report Date: 26-Sep-2011 10:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03924.d
 Lab Smp Id: 460-31258-C-1 MS
 Inj Date : 24-SEP-2011 04:45
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31258-C-1 MS;5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 11 QC Sample: MS
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	2.574	2.581	(0.327)	222515		15.8114	79
3 Chloromethane	50	2.739	2.744	(0.348)	146786		15.4109	77
4 Vinyl Chloride	62	2.922	2.910	(0.372)	176389		18.9130	94
6 Bromomethane	94	3.305	3.310	(0.420)	142653		16.3503	82
5 Chloroethane	64	3.415	3.429	(0.434)	91439		17.3532	87
7 Trichlorofluoromethane	101	3.718	3.735	(0.473)	315015		16.8552	84
11 Ethyl Ether	59	4.019	4.016	(0.511)	109957		19.6406	98
13 Acrolein	56	4.200	4.209	(0.534)	26860		27.0565	140
15 1,1-Dichloroethene	96	4.319	4.319	(0.549)	134541		19.0253	95
14 Freon TF	101	4.319	4.328	(0.549)	255608		19.9660	100
16 Acetone	58	4.365	4.374	(0.555)	9887		23.1259	120
17 Iodomethane	142	4.520	4.526	(0.575)	352038		18.7603	94
18 Carbon Disulfide	76	4.609	4.607	(0.586)	259976		10.9905	55(R)
27 Methyl Acetate	74	4.726	4.721	(0.601)	22608		14.9038	74
22 Methylene Chloride	84	4.882	4.886	(0.621)	164315		18.9029	94
24 TBA	59	4.955	4.968	(0.630)	210508		350.866	1800

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03924.d
Report Date: 26-Sep-2011 10:25

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
25 trans-1,2-Dichloroethene	96	5.184	5.193	(0.659)	153350	17.7895	89
26 Acrylonitrile	53	5.165	5.184	(0.657)	30143	16.4905	82
28 MTBE	73	5.165	5.176	(0.657)	353552	17.2812	86
29 Hexane	56	5.459	5.475	(0.694)	46417	16.8994	84
30 1,1-Dichloroethane	63	5.686	5.694	(0.723)	308416	17.9864	90
31 Vinyl Acetate	43	5.714	5.711	(0.727)	295638	11.1788	56
32 DIPE	45	5.705	5.711	(0.726)	652329	17.2099	86
35 t-Butyl-ethyl-ether	59	6.152	6.161	(0.783)	520031	18.1066	90
37 2,2-Dichloropropane	77	6.399	6.415	(0.814)	229425	17.4890	87
36 cis-1,2-Dichloroethene	96	6.399	6.397	(0.814)	161593	18.3728	92
38 2-Butanone	72	6.399	6.406	(0.814)	10494	15.4693	77
39 Ethyl Acetate	70	6.426	6.433	(0.817)	29056	34.4516	170
40 Bromochloromethane	128	6.701	6.716	(0.852)	113055	20.7527	100
41 Tetrahydrofuran	42	6.747	6.761	(0.858)	34479	17.4235	87
42 Chloroform	83	6.774	6.789	(0.862)	321647	18.0520	90
43 1,1,1-Trichloroethane	97	7.043	7.043	(0.896)	253758	19.3341	97
44 Cyclohexane	56	7.124	7.124	(0.906)	151076	18.6453	93
45 Carbon Tetrachloride	117	7.259	7.262	(0.923)	205381	17.5483	88
46 1,1-Dichloropropene	75	7.232	7.253	(0.920)	221756	18.5667	93
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.449	7.453	(0.948)	376926	49.5874	50
48 Benzene	78	7.522	7.526	(0.665)	412047	16.6894	83
49 1,2-Dichloroethane	62	7.549	7.545	(0.960)	193043	19.5193	98
50 t-Amyl-methyl-ether	73	7.604	7.618	(0.967)	421700	19.1599	96
61 Isopropyl Acetate	43	7.531	7.535	(0.958)	800773	35.3534	180
* 52 Fluorobenzene	96	7.861	7.865	(1.000)	1005911	50.0000	
54 Trichloroethene	95	8.303	8.313	(1.056)	274032	29.2663	150(R)
56 Methyl cyclohexane	83	8.537	8.549	(1.086)	104827	20.1264	100
55 Ethyl Acrylate	55	8.383	8.393	(1.066)	177893	17.8321	89
57 1,2-Dichloropropane	63	8.592	8.595	(1.093)	186905	18.9486	95
58 Dibromomethane	93	8.747	8.751	(1.113)	163250	19.0172	95
59 Methyl Methacrylate	100	8.656	8.678	(1.101)	35484	18.6205	93
68 Bromodichloromethane	83	8.902	8.903	(1.132)	294759	17.2902	86
62 2-Chloroethyl Vinyl Ether	63	9.209	9.223	(1.172)	96220	18.0684	90
63 Epichlorohydrin	57	9.318	9.324	(0.823)	253227	320.295	1600
67 cis-1,3-Dichloropropene	75	9.416	9.421	(0.832)	205761	13.2893	66(R)
70 4-Methyl-2-Pentanone	43	9.570	9.576	(0.846)	156926	19.1153	96
\$ 65 Toluene-d8 (SUR)	98	9.717	9.723	(0.859)	814763	48.6693	49
66 Toluene	91	9.805	9.806	(0.866)	412053	18.3229	92
64 trans-1,3-Dichloropropene	75	10.034	10.034	(0.887)	168268	13.5381	68(R)
69 1,1,2-Trichloroethane	83	10.254	10.254	(0.906)	132482	18.5583	93
71 Tetrachloroethene	166	10.409	10.408	(0.920)	144279	18.6754	93
72 1,3-Dichloropropane	76	10.437	10.445	(0.922)	246327	18.0837	90
73 2-Hexanone	43	10.492	10.490	(0.927)	80509	17.4571	87
74 Dibromochloromethane	129	10.702	10.706	(0.946)	206770	15.3725	77(R)
76 Butyl Acetate	73	10.592	10.608	(0.936)	81898	34.1895	170
77 1,2-Dibromoethane	107	10.839	10.844	(0.958)	212265	18.4855	92
* 78 Chlorobenzene-d5	117	11.315	11.320	(1.000)	741165	50.0000	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03924.d
 Report Date: 26-Sep-2011 10:25

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
79 Chlorobenzene	112	11.343	11.347	(1.002)	286825	18.1962	91
80 1,1,1,2-Tetrachloroethane	131	11.416	11.421	(1.009)	164197	18.5763	93
81 Ethylbenzene	106	11.435	11.439	(1.011)	110300	17.8319	89
82 m+p-Xylene	106	11.543	11.549	(1.020)	303485	38.3526	190
84 o-Xylene	106	11.962	11.969	(1.057)	148291	19.5070	98
85 Styrene	104	11.971	11.987	(1.058)	268750	18.6836	93
83 Butyl Acrylate	73	11.861	11.860	(1.048)	123181	18.6349	93
86 Bromoform	173	12.208	12.215	(1.079)	117666	14.9642	75
88 Isopropylbenzene	105	12.327	12.325	(1.089)	343465	19.4282	97
\$ 89 Bromofluorobenzene (SUR)	174	12.507	12.517	(0.910)	327528	50.6140	51
90 Camphene (total)	93	12.608	12.627	(1.114)	125581	22.7554	110
91 Bromobenzene	156	12.681	12.692	(0.923)	138182	18.5262	93
92 1,1,2,2-Tetrachloroethane	83	12.636	12.646	(0.920)	94134	7.44915	37(R)
93 1,2,3-Trichloropropane	110	12.709	12.701	(0.925)	53788	18.5267	93
94 trans-1,4-Dichloro-2-butene	53	12.681	12.692	(0.923)	34639	15.0471	75
95 n-Propylbenzene	91	12.737	12.747	(0.927)	377083	19.3522	97
96 2-Chlorotoluene	91	12.865	12.867	(0.936)	236758	13.4179	67(R)
97 1,3,5-Trimethylbenzene	105	12.902	12.913	(0.939)	258551	18.9211	95
98 4-Chlorotoluene	91	12.973	12.977	(0.944)	358091	19.1271	96
99 Butyl Methacrylate	87	12.948	12.950	(0.942)	213119	18.7621	94
100 tert-Butylbenzene	119	13.267	13.276	(0.966)	245309	18.6685	93
101 1,2,4-Trimethylbenzene	105	13.313	13.322	(0.969)	273061	18.6555	93
103 sec-Butylbenzene	105	13.500	13.504	(0.983)	341411	19.4063	97
105 1,3-Dichlorobenzene	146	13.673	13.677	(0.995)	164669	18.1628	91
107 p-Isopropyltoluene	119	13.628	13.640	(0.992)	257289	19.7866	99
* 108 1,4-Dichlorobenzene-d4	152	13.738	13.751	(1.000)	308643	50.0000	
109 1,4-Dichlorobenzene	146	13.756	13.769	(1.001)	230277	19.1648	96
110 Benzyl Chloride	91	13.902	13.916	(1.012)	201585	16.4117	82
106 n-Butylbenzene	91	14.094	14.113	(1.026)	235351	19.1551	96
111 1,2-Dichlorobenzene	146	14.204	14.218	(1.034)	189097	18.0379	90
112 1,2-Dibromo-3-chloropropane	75	15.175	15.181	(1.105)	38284	18.1605	91
114 1,2,4-Trichlorobenzene	180	16.350	16.369	(1.190)	72544	19.8076	99
115 Hexachlorobutadiene	225	16.571	16.587	(1.206)	75373	18.0868	90
116 Naphthalene	128	16.801	16.827	(1.223)	106804	18.8708	94
117 1,2,3-Trichlorobenzene	180	17.231	17.222	(1.254)	56840	19.3150	96
M 120 1,2-Dichloroethene (Total)	100				314944	36.1681	180
M 121 Xylene (Total)	100				451776	57.8595	290

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: j03924.d

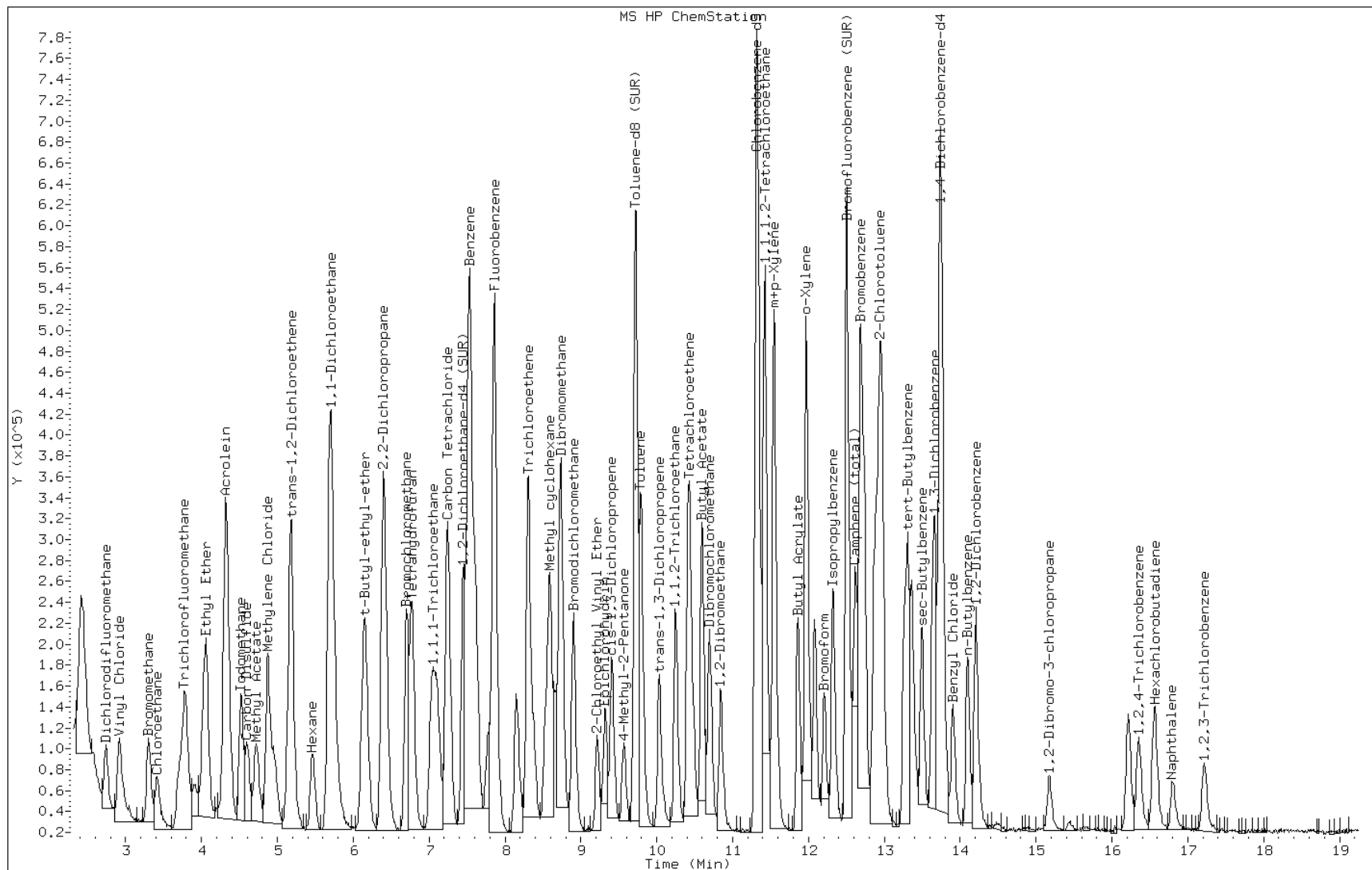
Date: 24-SEP-2011 04:45

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-31258-C-1 MS;5

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: GW-17338-091611-MM-01 MSD Lab Sample ID: 460-31258-1 MSD

Matrix: Water Lab File ID: j03925.d

Analysis Method: 8260B Date Collected: 09/16/2011 08:30

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 05:10

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	95.8		5.0	1.3
75-71-8	Dichlorodifluoromethane	71.9		5.0	1.5
74-87-3	Chloromethane	79.5		5.0	1.1
75-01-4	Vinyl chloride	92.8		5.0	0.65
74-83-9	Bromomethane	76.7		5.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	89.8		5.0	0.75
95-50-1	1,2-Dichlorobenzene	88.0		5.0	0.80
75-69-4	Trichlorofluoromethane	81.5		5.0	0.80
75-35-4	1,1-Dichloroethene	94.5		5.0	0.70
78-87-5	1,2-Dichloropropane	93.5		5.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	96.7		5.0	1.4
67-64-1	Acetone	119		50	12
75-15-0	Carbon disulfide	68.0		5.0	0.75
79-20-9	Methyl acetate	60.6		10	1.7
75-09-2	Methylene Chloride	92.8		5.0	0.95
156-60-5	trans-1,2-Dichloroethene	88.9		5.0	0.70
124-48-1	Chlorodibromomethane	86.1		5.0	0.55
1634-04-4	Methyl tert-butyl ether	84.3		5.0	0.90
75-00-3	Chloroethane	88.3		5.0	2.3
75-34-3	1,1-Dichloroethane	85.9		5.0	0.50
156-59-2	cis-1,2-Dichloroethene	93.4		5.0	1.0
78-93-3	2-Butanone (MEK)	78.2		50	4.1
67-66-3	Chloroform	93.5		5.0	0.75
100-41-4	Ethylbenzene	90.6		5.0	1.3
110-82-7	Cyclohexane	95.2		5.0	0.65
56-23-5	Carbon tetrachloride	93.2		5.0	0.95
71-43-2	Benzene	88.3		5.0	0.65
107-06-2	1,2-Dichloroethane	99.3		5.0	1.2
79-01-6	Trichloroethene	142		5.0	0.90
108-87-2	Methylcyclohexane	91.3		5.0	0.45
75-27-4	Dichlorobromomethane	95.6		5.0	0.47
10061-01-5	cis-1,3-Dichloropropene	79.7		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	93.4		50	3.4
108-88-3	Toluene	93.1		5.0	0.45
10061-02-6	trans-1,3-Dichloropropene	81.1		5.0	0.60
79-00-5	1,1,2-Trichloroethane	95.2		5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-01 MSD Lab Sample ID: 460-31258-1 MSD
 Matrix: Water Lab File ID: j03925.d
 Analysis Method: 8260B Date Collected: 09/16/2011 08:30
 Sample wt/vol: 5(mL) Date Analyzed: 09/24/2011 05:10
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 87263 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	98.1		5.0	1.0
591-78-6	2-Hexanone	97.5		50	2.8
106-93-4	1,2-Dibromoethane	91.0		5.0	0.45
108-90-7	Chlorobenzene	95.0		5.0	0.80
1330-20-7	Xylenes, Total	302		15	2.2
100-42-5	Styrene	95.8		5.0	0.65
75-25-2	Bromoform	89.4		5.0	0.50
98-82-8	Isopropylbenzene	99.9		5.0	1.1
79-34-5	1,1,2,2-Tetrachloroethane	27.9		5.0	0.45
541-73-1	1,3-Dichlorobenzene	98.8		5.0	1.1
106-46-7	1,4-Dichlorobenzene	88.0		5.0	0.75
120-82-1	1,2,4-Trichlorobenzene	99.8		5.0	2.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-122
460-00-4	4-Bromofluorobenzene	98		69-135
2037-26-5	Toluene-d8 (Surr)	97		69-125

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03925.d
 Report Date: 26-Sep-2011 10:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03925.d
 Lab Smp Id: 460-31258-C-1 MSD
 Inj Date : 24-SEP-2011 05:10
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31258-C-1 MSD;5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 24-SEP-2011 00:43 Cal File: j03915.d
 Als bottle: 12 QC Sample: MSD
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	2.573	2.581	(0.328)	202293		14.3706	72
3 Chloromethane	50	2.737	2.744	(0.348)	151431		15.8944	79
4 Vinyl Chloride	62	2.920	2.910	(0.372)	173095		18.5548	93
6 Bromomethane	94	3.302	3.310	(0.420)	133875		15.3402	77
5 Chloroethane	64	3.421	3.429	(0.436)	93076		17.6591	88
7 Trichlorofluoromethane	101	3.731	3.735	(0.475)	304643		16.2959	81
11 Ethyl Ether	59	4.013	4.016	(0.511)	106637		19.0426	95
13 Acrolein	56	4.213	4.209	(0.536)	24676		24.8498	120
15 1,1-Dichloroethene	96	4.323	4.319	(0.550)	133756		18.9092	94
14 Freon TF	101	4.341	4.328	(0.553)	247643		19.3387	97
16 Acetone	58	4.378	4.374	(0.557)	10144		23.7199	120
17 Iodomethane	142	4.525	4.526	(0.576)	357029		19.0212	95
18 Carbon Disulfide	76	4.607	4.607	(0.587)	321828		13.6017	68
27 Methyl Acetate	74	4.714	4.721	(0.600)	18399		12.1258	61
22 Methylene Chloride	84	4.878	4.886	(0.621)	161422		18.5651	93
24 TBA	59	4.970	4.968	(0.633)	200253		333.685	1700

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03925.d
Report Date: 26-Sep-2011 10:25

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
25 trans-1,2-Dichloroethene	96	5.180	5.193	(0.659)	153250	17.7731	89
26 Acrylonitrile	53	5.171	5.184	(0.658)	28452	15.5608	78
28 MTBE	73	5.153	5.176	(0.656)	345096	16.8634	84
29 Hexane	56	5.473	5.475	(0.697)	45106	16.4174	82
30 1,1-Dichloroethane	63	5.680	5.694	(0.723)	294794	17.1874	86
31 Vinyl Acetate	43	5.717	5.711	(0.728)	290652	10.9873	55
32 DIPE	45	5.708	5.711	(0.727)	638899	16.8511	84
35 t-Butyl-ethyl-ether	59	6.142	6.161	(0.782)	506237	17.6217	88
37 2,2-Dichloropropane	77	6.405	6.415	(0.815)	232466	17.7161	88
36 cis-1,2-Dichloroethene	96	6.387	6.397	(0.813)	164393	18.6861	93
38 2-Butanone	72	6.396	6.406	(0.814)	10614	15.6412	78
39 Ethyl Acetate	70	6.423	6.433	(0.818)	24883	29.4960	150
40 Bromochloromethane	128	6.707	6.716	(0.854)	114453	21.0038	100
41 Tetrahydrofuran	42	6.742	6.761	(0.858)	36243	18.3102	92
42 Chloroform	83	6.777	6.789	(0.863)	333266	18.6992	93
43 1,1,1-Trichloroethane	97	7.043	7.043	(0.897)	251612	19.1656	96
44 Cyclohexane	56	7.107	7.124	(0.905)	154380	19.0480	95
45 Carbon Tetrachloride	117	7.254	7.262	(0.923)	218142	18.6336	93
46 1,1-Dichloropropene	75	7.244	7.253	(0.922)	218025	18.2495	91
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.446	7.453	(0.948)	351959	46.2905	46
48 Benzene	78	7.529	7.526	(0.666)	425252	17.6679	88
49 1,2-Dichloroethane	62	7.546	7.545	(0.961)	196499	19.8635	99
50 t-Amyl-methyl-ether	73	7.608	7.618	(0.968)	412961	18.7578	94
61 Isopropyl Acetate	43	7.529	7.535	(0.958)	800275	35.3220	180
* 52 Fluorobenzene	96	7.855	7.865	(1.000)	1006178	50.0000	
54 Trichloroethene	95	8.301	8.313	(1.057)	266127	28.4145	140(R)
56 Methyl cyclohexane	83	8.534	8.549	(1.087)	95161	18.2657	91
55 Ethyl Acrylate	55	8.384	8.393	(1.067)	172544	17.2913	86
57 1,2-Dichloropropane	63	8.599	8.595	(1.095)	184485	18.6983	93
58 Dibromomethane	93	8.731	8.751	(1.112)	160844	18.7320	94
59 Methyl Methacrylate	100	8.660	8.678	(1.103)	35611	18.6822	93
68 Bromodichloromethane	83	8.903	8.903	(1.133)	326040	19.1199	96
62 2-Chloroethyl Vinyl Ether	63	9.207	9.223	(1.172)	88360	16.5880	83
63 Epichlorohydrin	57	9.317	9.324	(0.824)	255525	331.526	1600
67 cis-1,3-Dichloropropene	75	9.415	9.421	(0.833)	240569	15.9376	80(R)
70 4-Methyl-2-Pentanone	43	9.570	9.576	(0.846)	149533	18.6839	93
\$ 65 Toluene-d8 (SUR)	98	9.717	9.723	(0.859)	788083	48.2880	48
66 Toluene	91	9.799	9.806	(0.867)	408214	18.6198	93
64 trans-1,3-Dichloropropene	75	10.038	10.034	(0.888)	196526	16.2188	81
69 1,1,2-Trichloroethane	83	10.242	10.254	(0.906)	132532	19.0436	95
71 Tetrachloroethene	166	10.406	10.408	(0.920)	147781	19.6213	98
72 1,3-Dichloropropane	76	10.441	10.445	(0.923)	242595	18.2684	91
73 2-Hexanone	43	10.496	10.490	(0.928)	87639	19.4925	97
74 Dibromochloromethane	129	10.697	10.706	(0.946)	225898	17.2271	86
76 Butyl Acetate	73	10.597	10.608	(0.937)	73573	31.5050	160
77 1,2-Dibromoethane	107	10.843	10.844	(0.959)	203700	18.1965	91
* 78 Chlorobenzene-d5	117	11.306	11.320	(1.000)	722555	50.0000	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b/j03925.d
 Report Date: 26-Sep-2011 10:25

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
79 Chlorobenzene	112		11.343	11.347	(1.003)		291992	19.0010	95
80 1,1,1,2-Tetrachloroethane	131		11.416	11.421	(1.010)		156804	18.1967	91
81 Ethylbenzene	106		11.425	11.439	(1.011)		109208	18.1101	90
82 m+p-Xylene	106		11.540	11.549	(1.021)		310907	40.3026	200
84 o-Xylene	106		11.958	11.969	(1.058)		148802	20.0783	100
85 Styrene	104		11.976	11.987	(1.059)		268816	19.1695	96
83 Butyl Acrylate	73		11.857	11.860	(1.049)		116669	18.1044	90
86 Bromoform	173		12.205	12.215	(1.080)		137031	17.8757	89
88 Isopropylbenzene	105		12.323	12.325	(1.090)		344289	19.9764	100
\$ 89 Bromofluorobenzene (SUR)	174		12.506	12.517	(0.911)		314967	49.0728	49
90 Camphene (total)	93		12.612	12.627	(1.115)		121838	22.6457	110
91 Bromobenzene	156		12.685	12.692	(0.924)		131611	17.7902	89
92 1,1,2,2-Tetrachloroethane	83		12.630	12.646	(0.920)		69982	5.58341	28(R)
93 1,2,3-Trichloropropane	110		12.685	12.701	(0.924)		52181	18.1208	91
94 trans-1,4-Dichloro-2-butene	53		12.676	12.692	(0.923)		39955	17.4988	87
95 n-Propylbenzene	91		12.731	12.747	(0.927)		382496	19.7914	99
96 2-Chlorotoluene	91		12.856	12.867	(0.936)		345151	19.7216	99
97 1,3,5-Trimethylbenzene	105		12.893	12.913	(0.939)		263390	19.4336	97
98 4-Chlorotoluene	91		12.967	12.977	(0.944)		325281	17.5174	88
99 Butyl Methacrylate	87		12.939	12.950	(0.942)		203424	18.0558	90
100 tert-Butylbenzene	119		13.258	13.276	(0.965)		245968	18.8725	94
101 1,2,4-Trimethylbenzene	105		13.304	13.322	(0.969)		266000	18.3224	92
103 sec-Butylbenzene	105		13.487	13.504	(0.982)		326232	18.6959	93
105 1,3-Dichlorobenzene	146		13.660	13.677	(0.995)		177711	19.7624	99
107 p-Isopropyltoluene	119		13.632	13.640	(0.993)		251666	19.5132	98
* 108 1,4-Dichlorobenzene-d4	152		13.733	13.751	(1.000)		306127	50.0000	
109 1,4-Dichlorobenzene	146		13.761	13.769	(1.002)		209711	17.5966	88
110 Benzyl Chloride	91		13.899	13.916	(1.012)		193211	15.8593	79
106 n-Butylbenzene	91		14.100	14.113	(1.027)		234828	19.2696	96
111 1,2-Dichlorobenzene	146		14.201	14.218	(1.034)		183097	17.6091	88
112 1,2-Dibromo-3-chloropropane	75		15.177	15.181	(1.105)		37540	17.9538	90
114 1,2,4-Trichlorobenzene	180		16.358	16.369	(1.191)		72521	19.9641	100
115 Hexachlorobutadiene	225		16.569	16.587	(1.206)		76587	18.5292	93
116 Naphthalene	128		16.799	16.827	(1.223)		107733	19.1914	96
117 1,2,3-Trichlorobenzene	180		17.220	17.222	(1.254)		56613	19.3959	97
M 120 1,2-Dichloroethene (Total)	100						317643	36.4684	180
M 121 Xylene (Total)	100						459710	60.3809	300

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: j03925.d

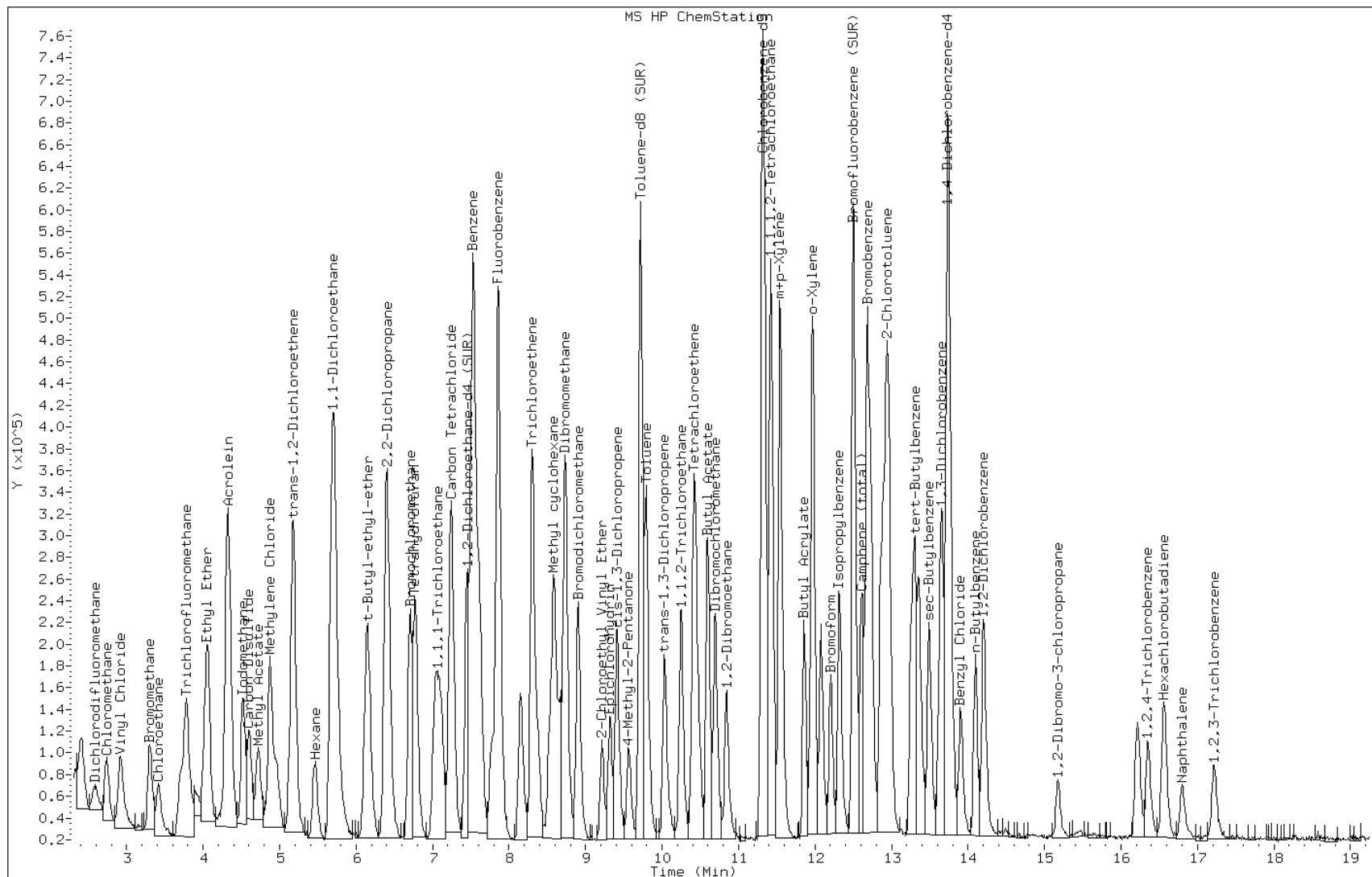
Date: 24-SEP-2011 05:10

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-31258-C-1 MSD;5

Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 09/22/2011 01:35Analysis Batch Number: 87107 End Date: 09/22/2011 05:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-87107/1		09/22/2011 01:35	1	j03832.d	DB-624 0.53 (mm)
IC 460-87107/2		09/22/2011 02:30	1	j03834.d	DB-624 0.53 (mm)
IC 460-87107/3		09/22/2011 03:20	1	j03836.d	DB-624 0.53 (mm)
ICIS 460-87107/4		09/22/2011 03:45	1	j03837.d	DB-624 0.53 (mm)
IC 460-87107/5		09/22/2011 04:10	1	j03838.d	DB-624 0.53 (mm)
IC 460-87107/6		09/22/2011 04:35	1	j03839.d	DB-624 0.53 (mm)
IC 460-87107/7		09/22/2011 05:00	1	j03840.d	DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 09/23/2011 23:49Analysis Batch Number: 87263 End Date: 09/24/2011 08:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-87263/1		09/23/2011 23:49	1	j03913.d	DB-624 0.53 (mm)
CCVIS 460-87263/2		09/24/2011 00:43	1	j03915.d	DB-624 0.53 (mm)
LCS 460-87263/3		09/24/2011 01:24	1	j03916.d	DB-624 0.53 (mm)
MB 460-87263/4		09/24/2011 02:14	1	j03918.d	DB-624 0.53 (mm)
ZZZZZ		09/24/2011 02:39	1		DB-624 0.53 (mm)
ZZZZZ		09/24/2011 03:04	1		DB-624 0.53 (mm)
ZZZZZ		09/24/2011 03:29	1		DB-624 0.53 (mm)
ZZZZZ		09/24/2011 03:54	5		DB-624 0.53 (mm)
ZZZZZ		09/24/2011 04:20	5		DB-624 0.53 (mm)
460-31258-1 MS	GW-17338-091611-MM-01 MS	09/24/2011 04:45	5	j03924.d	DB-624 0.53 (mm)
460-31258-1 MSD	GW-17338-091611-MM-01 MSD	09/24/2011 05:10	5	j03925.d	DB-624 0.53 (mm)
460-31258-4	TB-17338-091611-MM-04	09/24/2011 06:00	1	j03927.d	DB-624 0.53 (mm)
460-31258-5	FB-17338-091611-MM-05	09/24/2011 06:25	1	j03928.d	DB-624 0.53 (mm)
460-31258-1	GW-17338-091611-MM-01	09/24/2011 06:50	1	j03929.d	DB-624 0.53 (mm)
460-31258-2	GW-17338-091611-MM-02	09/24/2011 07:16	1	j03930.d	DB-624 0.53 (mm)
460-31258-3	GW-17338-091611-MM-03	09/24/2011 07:41	1	j03931.d	DB-624 0.53 (mm)
ZZZZZ		09/24/2011 08:31	1		DB-624 0.53 (mm)
CCV 460-87263/18		09/24/2011 08:31	1	j03933.d	DB-624 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i
Analytical Batch: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b

Date Generated: 09/26/2011
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Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
09/23/11 2349	j03913.d	2	BFB		0	0	1	all			C
09/24/11 0017	j03914.d	1	CCVIS		5	0	1	all			NC
09/24/11 0043	j03915.d	2	CCVIS		5	0	1	all			C
09/24/11 0124	j03916.d	3	LCS		5	0	1	all			C
09/24/11 0149	j03917.d	4	MB		5	0	1	all			NC 40
09/24/11 0214	j03918.d	5	MB		5	0	1	all			NC 40
09/24/11 0239	j03919.d	6	460-31339-A-1	SW-1	5	0	1	all			C
09/24/11 0304	j03920.d	7	460-31339-A-2	SW-2	5	0	1	all			C
09/24/11 0329	j03921.d	8	460-31339-A-3	Trip Blank	5	0	1	all			C
09/24/11 0354	j03922.d	9	460-31339-A-1 MS		5	0	5	all			C
09/24/11 0420	j03923.d	10	460-31339-A-1 MSD		5	0	5	all			C
09/24/11 0445	j03924.d	11	460-31258-C-1 MS		5	0	5	all			C
09/24/11 0510	j03925.d	12	460-31258-C-1 MSD		5	0	5	all			C
09/24/11 0535	j03926.d	13	BLK		5	0	1	all			(N.U.)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/09-22-11DE/23sep11de.b

Date Generated: 09/26/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/24/11	0600 j03927.d	14	460-31258-A-4	TB-17338-091611-MM-	5	0	1	all	12		C
09/24/11	0625 j03928.d	15	460-31258-A-5	FB-17338-091611-MM-	5	0	1	all	7.0		C
09/24/11	0650 j03929.d	16	460-31258-A-1	GW-17338-091611-MM-	5	0	1	all	12		C
09/24/11	0716 j03930.d	17	460-31258-A-2	GW-17338-091611-MM-	5	0	1	all	7.0		C
09/24/11	0741 j03931.d	18	460-31258-A-3	GW-17338-091611-MM-	5	0	1	all	12		C
09/24/11	0806 j03932.d	19	CCV		5	0	1	all	-		NG.
09/24/11	0831 j03933.d	20	CCV		5	0	1	all	-		C

Signed: Audberto for Ken B. Read and Understood by: A. Suppa

Date: 9/26/11. Date: 9/26/11.

Method 8270 DEL

Semivolatile Organics (GC/MS) by
Method 8270 (Delaware)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
GW-17338-091611-MM-01	460-31258-1	36	23	73	70	77	80
GW-17338-091611-MM-02	460-31258-2	40	25	83	79	78	84
GW-17338-091611-MM-03	460-31258-3	41	26	84	82	85	87
FB-17338-091611-MM-05	460-31258-5	38	25	85	81	76	81
	MB 460-86593/1-A	46	30	87	82	80	85
	LCS 460-86593/2-A	40	23	88	88	84	86
	LCSD 460-86593/3-A	39	22	86	85	80	80

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol (Surr)	10-65
PHL = Phenol-d5 (Surr)	10-48
NBZ = Nitrobenzene-d5 (Surr)	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol (Surr)	46-122
TPH = Terphenyl-d14 (Surr)	50-122

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: z10048.d
 Lab ID: LCS 460-86593/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	100	88.7	89	66-112	
Phenol	100	30.4	30	12-44	
2,4,6-Trichlorophenol	100	91.9	92	67-111	
Bis(2-chloroethyl)ether	100	87.0	87	62-108	
2,4-Dichlorophenol	100	90.3	90	64-107	
2-Chlorophenol	100	84.1	84	53-101	
2,4-Dinitrotoluene	100	87.8	88	65-113	
2,2'-oxybis[1-chloropropane]	100	87.3	87	68-107	
Acetophenone	100	88.0	88	68-109	
2-Methylnaphthalene	100	84.6	85	66-102	
4-Methylphenol	100	49.8	50	30-75	
2-Methylphenol	100	68.4	68	40-90	
2-Nitroaniline	100	112	112	73-116	
Hexachloroethane	100	85.4	85	50-99	
Nitrobenzene	100	85.3	85	66-106	
4-Chloro-3-methylphenol	100	85.0	85	57-106	
Isophorone	100	88.3	88	68-108	
2-Nitrophenol	100	86.7	87	65-107	
4-Chlorophenyl phenyl ether	100	90.1	90	68-105	
2,4-Dimethylphenol	100	82.9	83	55-100	
4-Nitroaniline	100	89.8	90	49-119	
4-Nitrophenol	100	22.6 J	23	10-44	
Bis(2-chloroethoxy)methane	100	89.0	89	69-108	
Atrazine	100	81.6	82	56-116	
Naphthalene	100	84.7	85	63-101	
Benzaldehyde	100	205	205	52-150	*
4-Chloroaniline	100	85.1	85	58-105	
Benzo[a]pyrene	100	82.5	83	58-101	
Hexachlorobutadiene	100	83.7	84	52-99	
Benzo[k]fluoranthene	100	81.6	82	66-114	
Caprolactam	100	16.8	17	10-30	
Carbazole	100	87.9	88	67-110	
Hexachlorocyclopentadiene	100	78.5	79	40-105	
Dibenz(a,h)anthracene	100	86.3	86	67-124	
2,4,5-Trichlorophenol	100	89.8	90	67-114	
Dimethyl phthalate	100	89.0	89	69-111	
2-Chloronaphthalene	100	88.6	89	65-107	
Fluoranthene	100	84.5	84	68-108	
Fluorene	100	87.0	87	68-105	
2,6-Dinitrotoluene	100	86.4	86	68-114	
Acenaphthylene	100	86.0	86	67-107	
3-Nitroaniline	100	88.0	88	59-108	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: z10048.d
 Lab ID: LCS 460-86593/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	100	90.9	91	70-109	
Acenaphthene	100	86.1	86	66-108	
2,4-Dinitrophenol	100	74.5	74	19-113	
Dibenzofuran	100	89.0	89	68-105	
Diethyl phthalate	100	89.8	90	66-109	
4,6-Dinitro-2-methylphenol	100	80.5	80	58-115	
N-Nitrosodiphenylamine	100	91.4	91	71-121	
4-Bromophenyl phenyl ether	100	87.9	88	66-110	
Hexachlorobenzene	100	86.4	86	65-107	
Pentachlorophenol	100	89.9	90	55-116	
Phenanthrene	100	87.6	88	68-110	
Anthracene	100	84.9	85	68-108	
Di-n-butyl phthalate	100	87.5	88	68-111	
Pyrene	100	86.4	86	61-110	
Butyl benzyl phthalate	100	86.5	87	66-115	
3,3'-Dichlorobenzidine	100	96.0	96	69-129	
Benzo[a]anthracene	100	87.2	87	65-106	
Chrysene	100	87.0	87	68-112	
Bis(2-ethylhexyl) phthalate	100	85.9	86	66-114	
Di-n-octyl phthalate	100	87.8	88	51-115	
Benzo[b]fluoranthene	100	91.9	92	65-111	
Indeno[1,2,3-cd]pyrene	100	82.9	83	68-121	
Benzo[g,h,i]perylene	100	85.6	86	65-134	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: z10049.d
Lab ID: LCSD 460-86593/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1'-Biphenyl	100	85.9	86	3	30	66-112	
Phenol	100	28.8	29	5	30	12-44	
2,4,6-Trichlorophenol	100	87.7	88	5	30	67-111	
Bis(2-chloroethyl)ether	100	83.4	83	4	30	62-108	
2,4-Dichlorophenol	100	85.9	86	5	30	64-107	
2-Chlorophenol	100	80.4	80	4	30	53-101	
2,4-Dinitrotoluene	100	82.2	82	7	30	65-113	
2,2'-oxybis[1-chloropropane]	100	85.2	85	2	30	68-107	
Acetophenone	100	82.2	82	7	30	68-109	
2-Methylnaphthalene	100	81.1	81	4	30	66-102	
4-Methylphenol	100	46.3	46	7	30	30-75	
2-Methylphenol	100	64.3	64	6	30	40-90	
2-Nitroaniline	100	109	109	3	30	73-116	
Hexachloroethane	100	81.5	82	5	30	50-99	
Nitrobenzene	100	83.0	83	3	30	66-106	
4-Chloro-3-methylphenol	100	79.4	79	7	30	57-106	
Isophorone	100	83.8	84	5	30	68-108	
2-Nitrophenol	100	83.7	84	3	30	65-107	
4-Chlorophenyl phenyl ether	100	84.1	84	7	30	68-105	
2,4-Dimethylphenol	100	78.6	79	5	30	55-100	
4-Nitroaniline	100	81.7	82	9	30	49-119	
4-Nitrophenol	100	21.6 J	22	5	30	10-44	
Bis(2-chloroethoxy)methane	100	84.6	85	5	30	69-108	
Atrazine	100	78.2	78	4	30	56-116	
Naphthalene	100	81.3	81	4	30	63-101	
Benzaldehyde	100	198	198	4	30	52-150	*
4-Chloroaniline	100	80.8	81	5	30	58-105	
Benzo[a]pyrene	100	79.3	79	4	30	58-101	
Hexachlorobutadiene	100	81.5	81	3	30	52-99	
Benzo[k]fluoranthene	100	83.0	83	2	30	66-114	
Caprolactam	100	15.4	15	9	30	10-30	
Carbazole	100	83.3	83	5	30	67-110	
Hexachlorocyclopentadiene	100	76.1	76	3	30	40-105	
Dibenz(a,h)anthracene	100	86.4	86	0	30	67-124	
2,4,5-Trichlorophenol	100	86.2	86	4	30	67-114	
Dimethyl phthalate	100	84.2	84	6	30	69-111	
2-Chloronaphthalene	100	84.6	85	5	30	65-107	
Fluoranthene	100	80.0	80	5	30	68-108	
Fluorene	100	83.0	83	5	30	68-105	
2,6-Dinitrotoluene	100	83.5	84	3	30	68-114	
Acenaphthylene	100	83.4	83	3	30	67-107	
3-Nitroaniline	100	82.2	82	7	30	59-108	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: z10049.d
 Lab ID: LCSD 460-86593/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodi-n-propylamine	100	84.3	84	8	30	70-109	
Acenaphthene	100	81.2	81	6	30	66-108	
2,4-Dinitrophenol	100	65.6	66	13	30	19-113	
Dibenzofuran	100	84.7	85	5	30	68-105	
Diethyl phthalate	100	85.4	85	5	30	66-109	
4,6-Dinitro-2-methylphenol	100	74.7	75	8	30	58-115	
N-Nitrosodiphenylamine	100	86.4	86	6	30	71-121	
4-Bromophenyl phenyl ether	100	85.2	85	3	30	66-110	
Hexachlorobenzene	100	82.0	82	5	30	65-107	
Pentachlorophenol	100	84.0	84	7	30	55-116	
Phenanthrene	100	83.2	83	5	30	68-110	
Anthracene	100	81.8	82	4	30	68-108	
Di-n-butyl phthalate	100	81.8	82	7	30	68-111	
Pyrene	100	81.9	82	5	30	61-110	
Butyl benzyl phthalate	100	81.9	82	6	30	66-115	
3,3'-Dichlorobenzidine	100	91.3	91	5	30	69-129	
Benzo[a]anthracene	100	82.2	82	6	30	65-106	
Chrysene	100	84.5	84	3	30	68-112	
Bis(2-ethylhexyl) phthalate	100	81.6	82	5	30	66-114	
Di-n-octyl phthalate	100	75.7	76	15	30	51-115	
Benzo[b]fluoranthene	100	79.8	80	14	30	65-111	
Indeno[1,2,3-cd]pyrene	100	84.1	84	1	30	68-121	
Benzo[g,h,i]perylene	100	89.0	89	4	30	65-134	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab File ID: z10047.d Lab Sample ID: MB 460-86593/1-A
Matrix: Water Date Extracted: 09/20/2011 07:47
Instrument ID: BNAMS11 Date Analyzed: 09/21/2011 13:22
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-86593/2-A	z10048.d	09/21/2011 13:47
	LCSD 460-86593/3-A	z10049.d	09/21/2011 14:12
GW-17338-091611-MM-01	460-31258-1	z10050.d	09/21/2011 14:37
GW-17338-091611-MM-02	460-31258-2	z10051.d	09/21/2011 15:02
GW-17338-091611-MM-03	460-31258-3	z10052.d	09/21/2011 15:27
FB-17338-091611-MM-05	460-31258-5	z10053.d	09/21/2011 15:52

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab File ID: z19784.d DFTPP Injection Date: 09/13/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 10:32
Analysis Batch No.: 86167

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	43.1
68	Less than 2.0 % of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	41.0
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	50.5
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	28.4
365	Greater than 1.0 % of mass 198	4.7
441	Present but less than mass 443	13.1
442	Greater than 40.0 % of mass 198	87.4
443	17.0 - 23.0 % of mass 442	16.9 (19.3) 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 460-86167/2	z19786.d	09/13/2011	11:34
	IC 460-86167/3	z19787.d	09/13/2011	12:17
	IC 460-86167/4	z19789.d	09/13/2011	13:07
	IC 460-86167/5	z19790.d	09/13/2011	13:32
	IC 460-86167/6	z19792.d	09/13/2011	14:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab File ID: z10045.d DFTPP Injection Date: 09/21/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 12:28
Analysis Batch No.: 87212

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	42.7
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	44.6
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	53.2
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	6.1
275	10.0 - 30.0 % of mass 198	28.7
365	Greater than 1.0 % of mass 198	5.6
441	Present but less than mass 443	13.9
442	Greater than 40.0 % of mass 198	89.8
443	17.0 - 23.0 % of mass 442	16.9 (18.8) 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 460-87212/2	z10046.d	09/21/2011	12:48
	MB 460-86593/1-A	z10047.d	09/21/2011	13:22
	LCS 460-86593/2-A	z10048.d	09/21/2011	13:47
	LCSD 460-86593/3-A	z10049.d	09/21/2011	14:12
GW-17338-091611-MM-01	460-31258-1	z10050.d	09/21/2011	14:37
GW-17338-091611-MM-02	460-31258-2	z10051.d	09/21/2011	15:02
GW-17338-091611-MM-03	460-31258-3	z10052.d	09/21/2011	15:27
FB-17338-091611-MM-05	460-31258-5	z10053.d	09/21/2011	15:52
	CCV 460-87213/1	z10054.d	09/21/2011	16:17

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVIS 460-87212/2 Date Analyzed: 09/21/2011 12:48
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10046.d Heated Purge: (Y/N) N
 Calibration ID: 12247

		DCB		NPT		ANT		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		358743	3.87	1204073	5.16	533845	6.91	
UPPER LIMIT		717486	4.37	2408146	5.66	1067690	7.41	
LOWER LIMIT		179372	3.37	602037	4.66	266923	6.41	
LAB SAMPLE ID		CLIENT SAMPLE ID						
MB 460-86593/1-A		452778	3.87	1619694	5.15	751363	6.91	
LCS 460-86593/2-A		467895	3.87	1600111	5.16	706272	6.91	
LCSD 460-86593/3-A		391587	3.87	1302142	5.15	554548	6.91	
460-31258-1		GW-17338-091611-MM-01	441290	3.87	1583555	5.15	728056	6.90
460-31258-2		GW-17338-091611-MM-02	436198	3.87	1543985	5.15	714664	6.91
460-31258-3		GW-17338-091611-MM-03	449886	3.87	1591851	5.15	721453	6.91
460-31258-5		FB-17338-091611-MM-05	439077	3.86	1524893	5.15	683094	6.90

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVIS 460-87212/2 Date Analyzed: 09/21/2011 12:48
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10046.d Heated Purge: (Y/N) N
 Calibration ID: 12247

		PHN		CRY		PRY		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		672194	8.36	374196	11.01	277207	12.80	
UPPER LIMIT		1344388	8.86	748392	11.51	554414	13.30	
LOWER LIMIT		336097	7.86	187098	10.51	138604	12.30	
LAB SAMPLE ID		CLIENT SAMPLE ID						
MB 460-86593/1-A		970990	8.35	500152	11.01	384908	12.80	
LCS 460-86593/2-A		883885	8.36	492219	11.01	368156	12.80	
LCSD 460-86593/3-A		687856	8.35	375619	11.01	306309	12.80	
460-31258-1		GW-17338-091611-MM-01	963046	8.35	493716	11.01	361172	12.80
460-31258-2		GW-17338-091611-MM-02	931331	8.35	477882	11.01	363870	12.80
460-31258-3		GW-17338-091611-MM-03	928905	8.35	472265	11.01	354844	12.80
460-31258-5		FB-17338-091611-MM-05	867943	8.35	467346	11.01	361718	12.80

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31258-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-17338-091611-MM-01</u>	Lab Sample ID: <u>460-31258-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>z10050.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/16/2011 08:30</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>09/20/2011 07:47</u>
Sample wt/vol: <u>920 (mL)</u>	Date Analyzed: <u>09/21/2011 14:37</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87212</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	11	U	11	3.0
108-95-2	Phenol	11	U	11	0.88
88-06-2	2,4,6-Trichlorophenol	11	U	11	2.6
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.30
120-83-2	2,4-Dichlorophenol	11	U	11	2.8
95-57-8	2-Chlorophenol	11	U	11	2.4
121-14-2	2,4-Dinitrotoluene	2.2	U	2.2	0.51
108-60-1	2,2'-oxybis[1-chloropropane]	11	U	11	2.2
98-86-2	Acetophenone	11	U	11	2.9
91-57-6	2-Methylnaphthalene	11	U	11	3.3
106-44-5	4-Methylphenol	11	U	11	1.7
95-48-7	2-Methylphenol	11	U	11	2.0
88-74-4	2-Nitroaniline	22	U	22	5.3
67-72-1	Hexachloroethane	1.1	U	1.1	0.27
98-95-3	Nitrobenzene	1.1	U	1.1	0.33
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.7
78-59-1	Isophorone	11	U	11	2.9
88-75-5	2-Nitrophenol	11	U	11	2.6
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	2.7
105-67-9	2,4-Dimethylphenol	11	U	11	3.7
100-01-6	4-Nitroaniline	22	U	22	6.3
100-02-7	4-Nitrophenol	33	U	33	7.3
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	2.8
1912-24-9	Atrazine	11	U	11	3.3
91-20-3	Naphthalene	11	U	11	2.9
100-52-7	Benzaldehyde	11	U *	11	2.2
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.2	U	2.2	0.62
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.28
105-60-2	Caprolactam	11	U	11	2.7
86-74-8	Carbazole	11	U	11	3.5
77-47-4	Hexachlorocyclopentadiene	11	U	11	1.8
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.098
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1

Matrix: Water Lab File ID: z10050.d

Analysis Method: 8270C Date Collected: 09/16/2011 08:30

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 920 (mL) Date Analyzed: 09/21/2011 14:37

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	11	U	11	3.0
91-58-7	2-Chloronaphthalene	11	U	11	2.9
206-44-0	Fluoranthene	11	U	11	3.5
86-73-7	Fluorene	11	U	11	3.0
606-20-2	2,6-Dinitrotoluene	2.2	U	2.2	0.66
208-96-8	Acenaphthylene	11	U	11	2.9
99-09-2	3-Nitroaniline	22	U	22	5.4
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.27
83-32-9	Acenaphthene	11	U	11	2.9
51-28-5	2,4-Dinitrophenol	33	U	33	5.9
132-64-9	Dibenzofuran	11	U	11	3.0
84-66-2	Diethyl phthalate	11	U	11	3.2
534-52-1	4,6-Dinitro-2-methylphenol	33	U	33	5.1
86-30-6	N-Nitrosodiphenylamine	11	U	11	3.2
101-55-3	4-Bromophenyl phenyl ether	11	U	11	2.7
85-01-8	Phenanthrene	11	U	11	3.4
120-12-7	Anthracene	11	U	11	3.0
84-74-2	Di-n-butyl phthalate	11	U	11	3.2
129-00-0	Pyrene	11	U	11	3.2
85-68-7	Butyl benzyl phthalate	11	U	11	2.7
91-94-1	3,3'-Dichlorobenzidine	22	U	22	5.3
218-01-9	Chrysene	11	U	11	3.4
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.2
117-84-0	Di-n-octyl phthalate	11	U	11	1.6
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.16
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1
Matrix: Water Lab File ID: z10050.d
Analysis Method: 8270C Date Collected: 09/16/2011 08:30
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 920 (mL) Date Analyzed: 09/21/2011 14:37
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	77		46-122
321-60-8	2-Fluorobiphenyl	70		53-108
367-12-4	2-Fluorophenol (Surr)	36		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	73		56-112
4165-62-2	Phenol-d5 (Surr)	23		10-48
1718-51-0	Terphenyl-d14 (Surr)	80		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1
Matrix: Water Lab File ID: z10050.d
Analysis Method: 8270C Date Collected: 09/16/2011 08:30
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 920 (mL) Date Analyzed: 09/21/2011 14:37
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L
Number TICs Found: 3 TIC Result Total: 42.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
111-76-2	Ethanol, 2-butoxy-	2.87	12	J N
112-34-5	Ethanol, 2-(2-butoxyethoxy)-	5.10	9.8	J N
	Unknown	6.41	21	J

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10050.d
 Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10050.d
 Lab Smp Id: 460-31258-I-1-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 21-SEP-2011 14:37
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31258-I-1-A
 Misc Info : 460-31258-I-1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
 Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allh20.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * 1000 * \text{Vt} / \text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	920.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)		112	2.602	2.602 (0.673)		270552	17.9400	39
\$ 17 Phenol-d5 (SUR)		99	3.513	3.531 (0.909)		194232	11.3452	25
* 79 1,4-Dichlorobenzene-d4		152	3.866	3.866 (1.000)		441290	40.0000	
104 Acetophenone		105	4.278	4.290 (1.107)		2217	0.11672	0.25(a)
\$ 76 Nitrobenzene-d5 (SUR)		82	4.425	4.437 (0.858)		600432	36.5122	79
* 80 Naphthalene-d8		136	5.154	5.160 (1.000)		1583555	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	6.248	6.254 (0.905)		948280	35.2152	76
* 82 Acenaphthene-d10		164	6.901	6.907 (1.000)		728056	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.678	7.684 (1.113)		124694	38.3785	83
* 83 Phenanthrene-d10		188	8.354	8.360 (1.000)		963046	40.0000	
\$ 78 Terphenyl-d14		244	9.925	9.925 (0.902)		593511	40.0962	87
* 81 Chrysene-d12		240	11.007	11.013 (1.000)		493716	40.0000	
* 84 Perylene-d12		264	12.801	12.801 (1.000)		361172	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10050.d
Report Date: 22-Sep-2011 10:04

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10050.d
 Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10050.d
 Lab Smp Id: 460-31258-I-1-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 21-SEP-2011 14:37
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31258-I-1-A
 Misc Info : 460-31258-I-1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
 Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allh20.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	920.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	====	=====	=====
* 79 1,4-Dichlorobenzene-d4	3.866	2906023	40.000
* 80 Naphthalene-d8	5.154	3350140	40.000
* 82 Acenaphthene-d10	6.901	3106976	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	=====	=====	====	=====	=====	=====
Ethanol, 2-butoxy-					CAS #: 111-76-2		
2.866	389555	5.36203037	12	91	NIST02.l	8550	79

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10050.d
Report Date: 22-Sep-2011 10:04

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/L)		LIBRARY	LIB ENTRY	
=====	=====	=====	=====	=====	=====	=====	=====
Ethanol, 2-(2-butoxyethoxy)-					CAS #: 112-34-5		
5.095	378301	4.51684326	9.8	90	NIST02.l	31016	80
Unknown					CAS #:		
6.407	734532	9.45654908	20	0		0	82

Data File: z10050.d

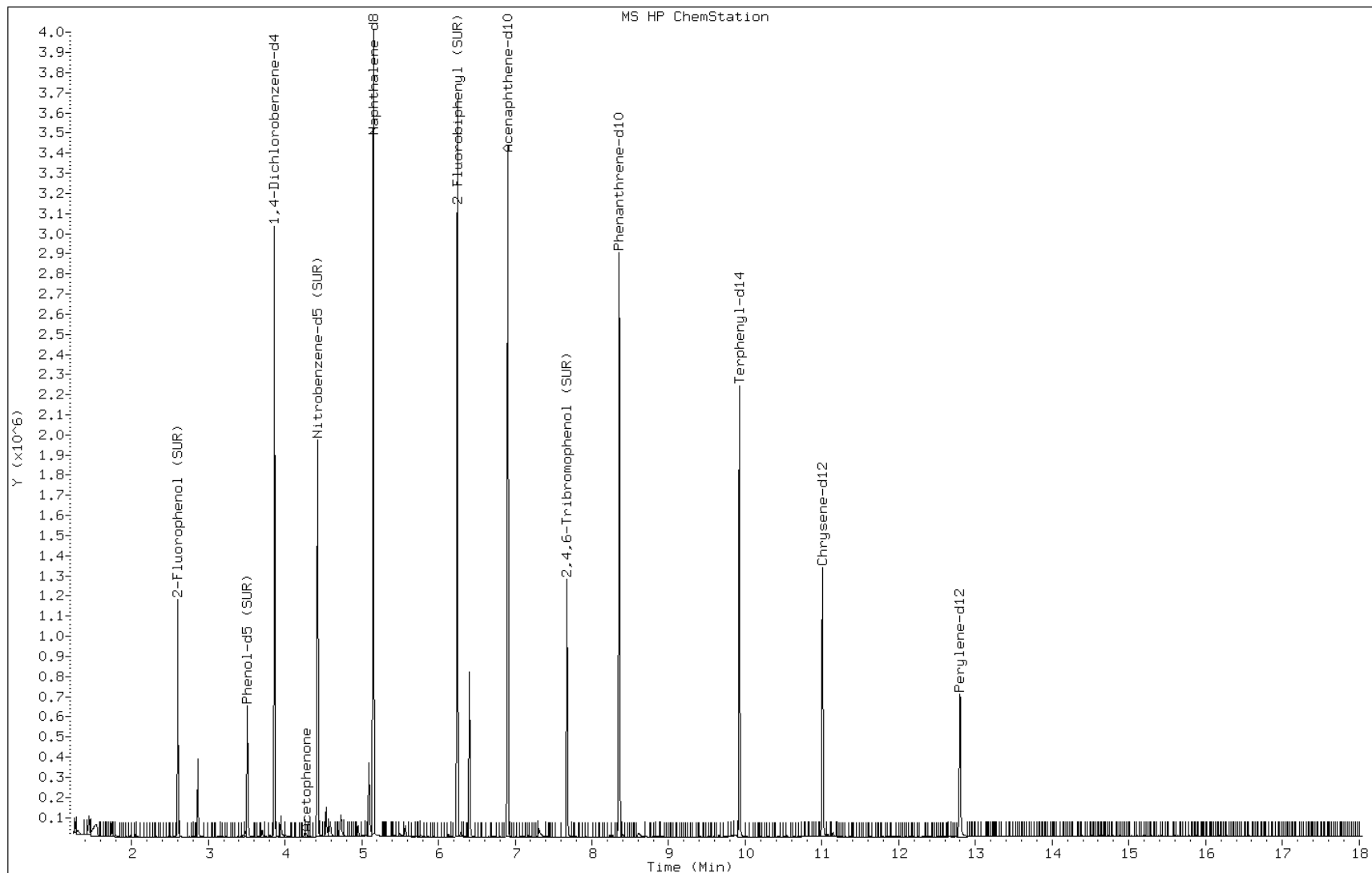
Date: 21-SEP-2011 14:37

Client ID: GW-17338-091611-MM-

Instrument: BNAMS11.i

Sample Info: 460-31258-I-1-A

Operator: BNAMS 4



Data File: z10050.d

Date: 21-SEP-2011 14:37

Client ID: GW-17338-091611-MM-

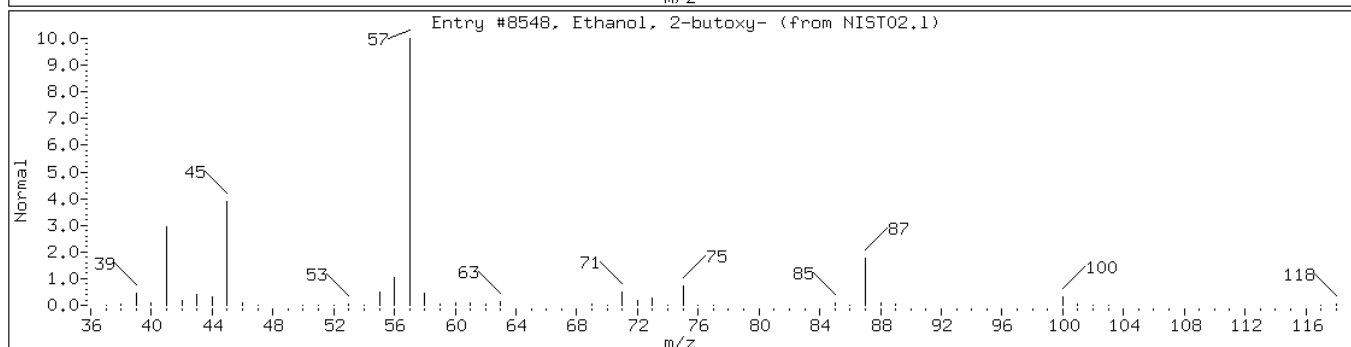
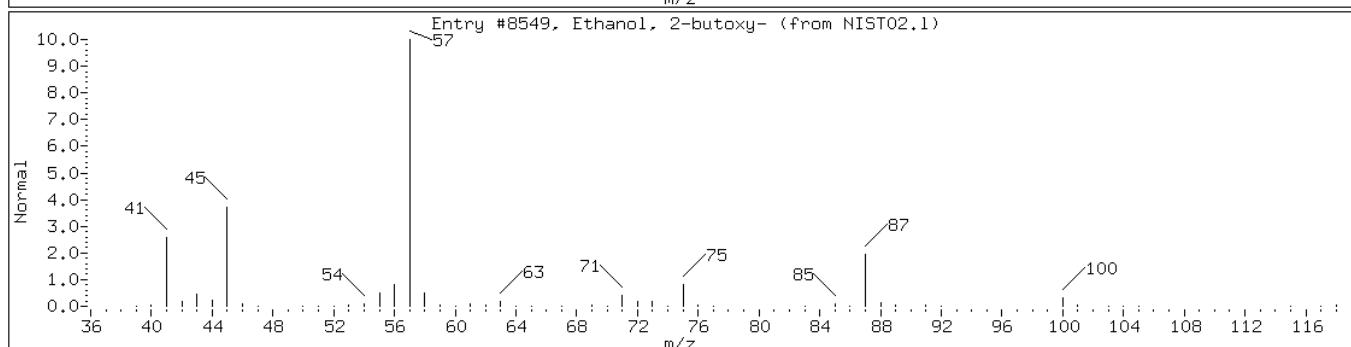
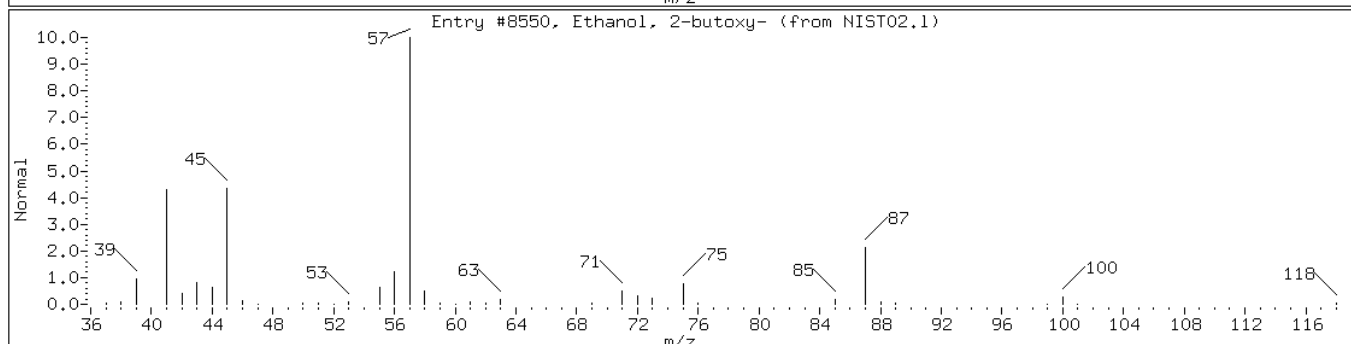
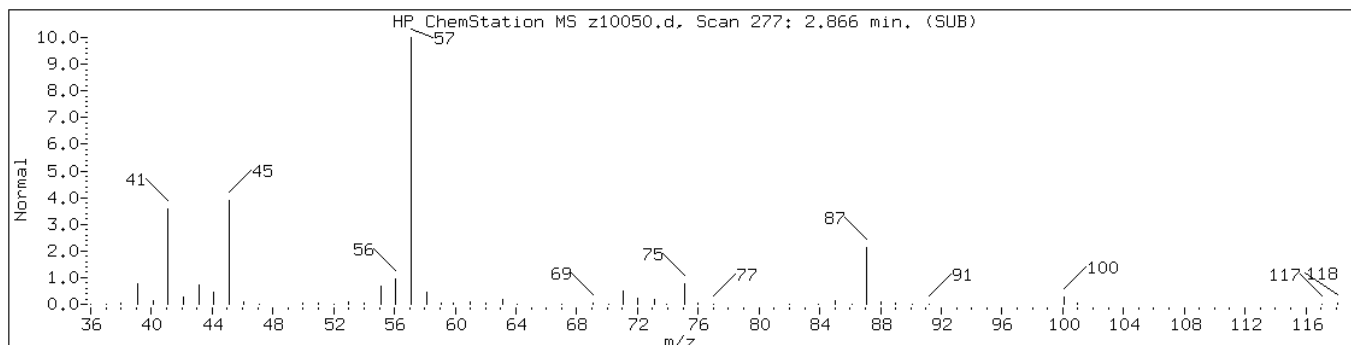
Instrument: BNAMS11.i

Sample Info: 460-31258-I-1-A

Operator: BNAMS 4

Retention Time: 2.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethanol, 2-butoxy-	111-76-2	NIST02.1	8550	91	C6H14O2	118
Ethanol, 2-butoxy-	111-76-2	NIST02.1	8549	91	C6H14O2	118
Ethanol, 2-butoxy-	111-76-2	NIST02.1	8548	90	C6H14O2	118



Data File: z10050.d

Date: 21-SEP-2011 14:37

Client ID: GW-17338-091611-MM-

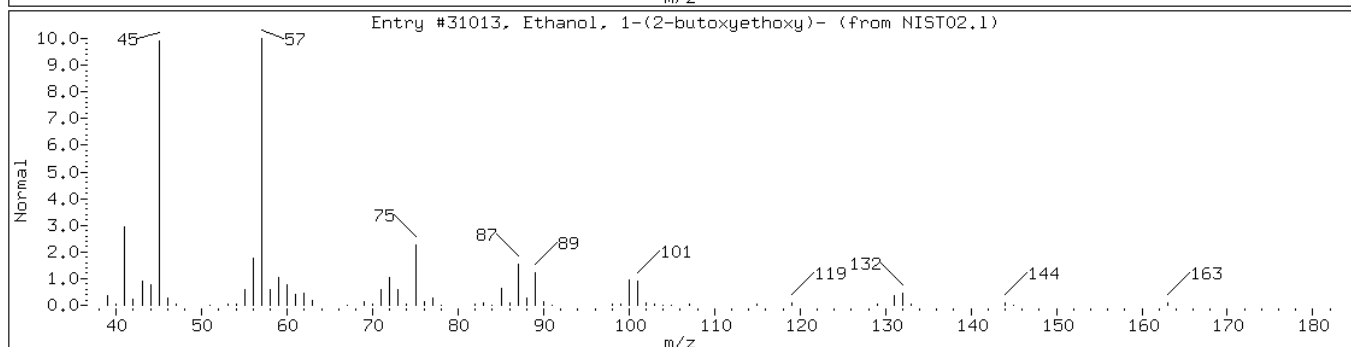
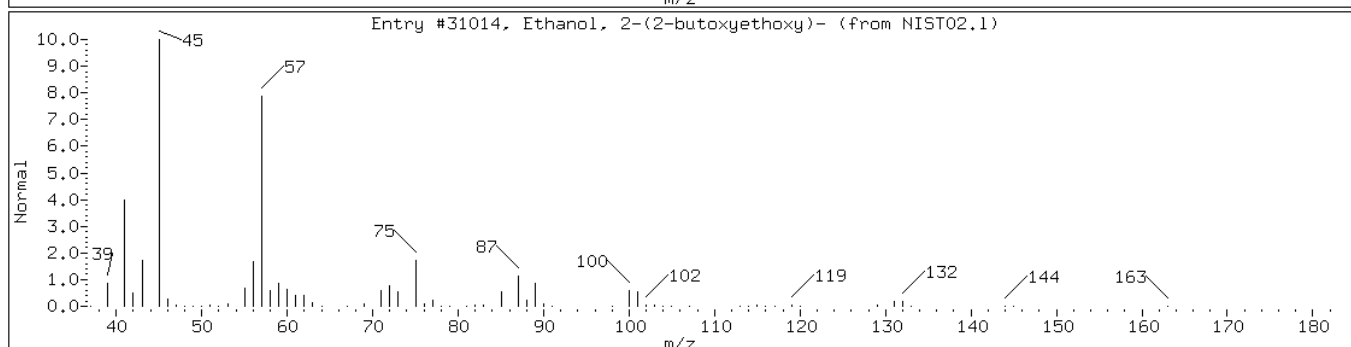
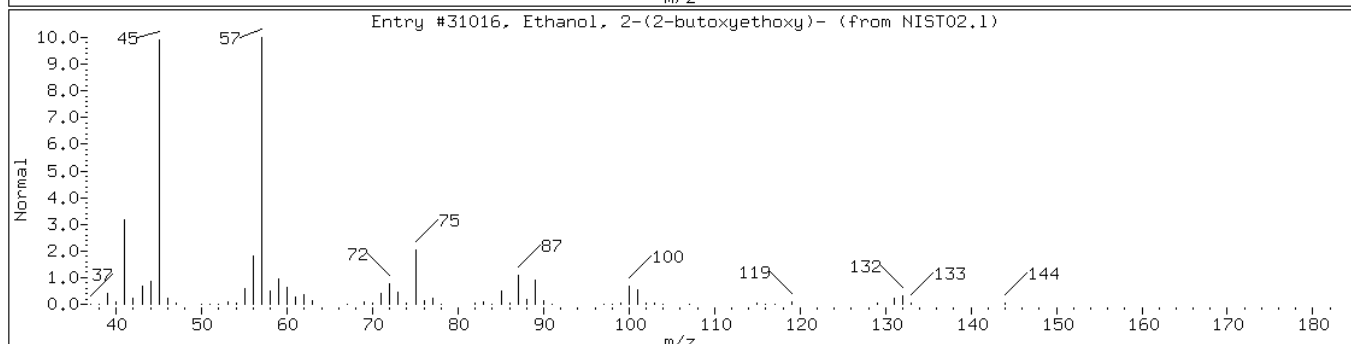
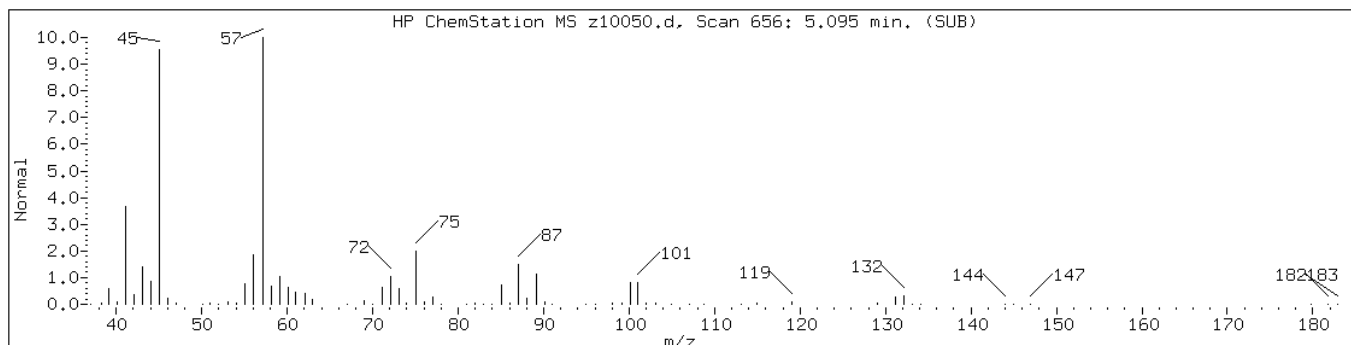
Instrument: BNAMS11.i

Sample Info: 460-31258-I-1-A

Operator: BNAMS 4

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	NIST02.1	31016	90	C8H18O3	162
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	NIST02.1	31014	90	C8H18O3	162
Ethanol, 1-(2-butoxyethoxy)-	54446-78-5	NIST02.1	31013	90	C8H18O3	162



Data File: z10050.d

Date: 21-SEP-2011 14:37

Client ID: GW-17338-091611-MM-

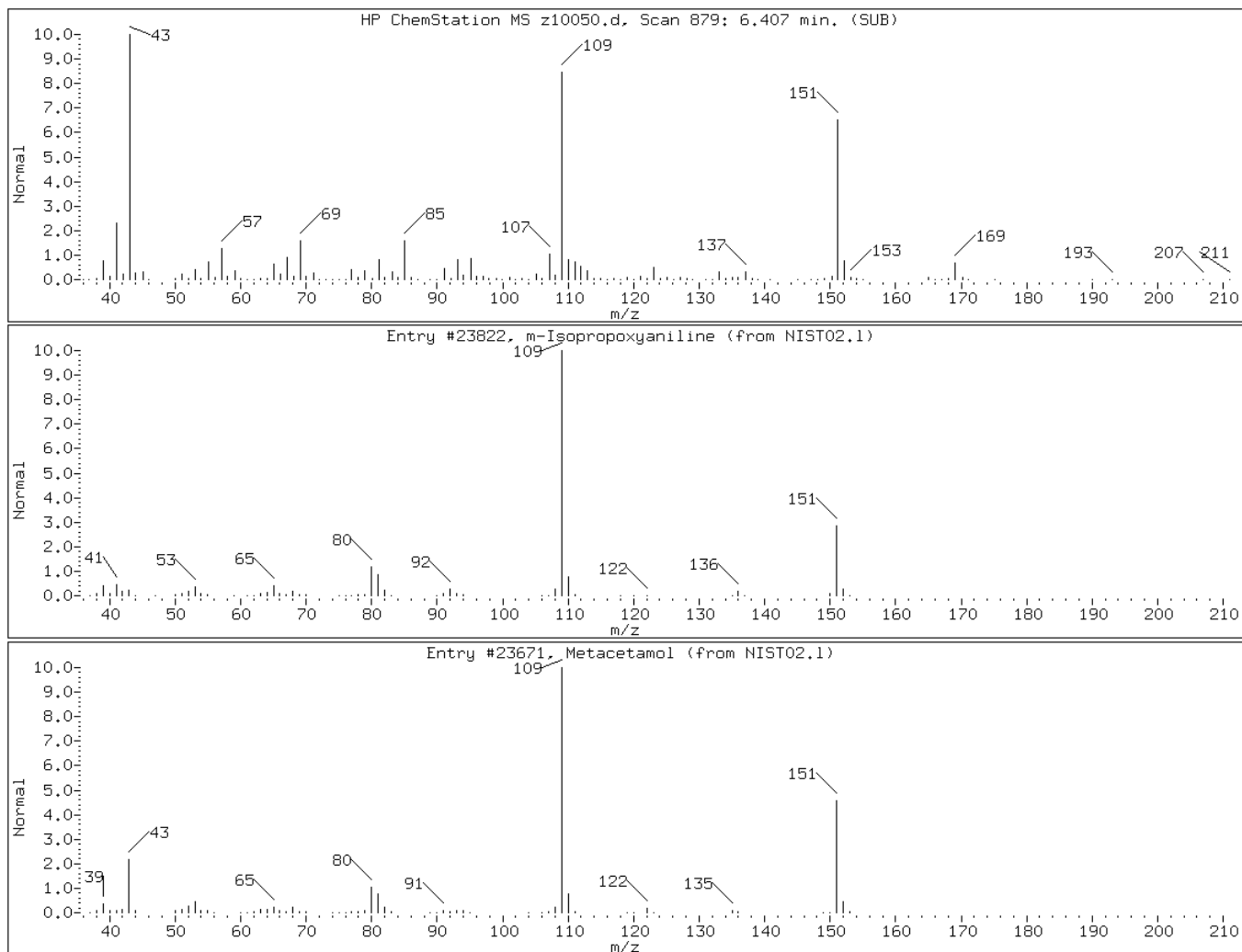
Instrument: BNAMS11.i

Sample Info: 460-31258-I-1-A

Operator: BNAMS 4

Retention Time: 6.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
m-Isopropoxyaniline	41406-00-2	NIST02.1	23822	53	C9H13NO	151
Metacetamol	621-42-1	NIST02.1	23671	53	C8H9NO2	151



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2

Matrix: Water Lab File ID: z10051.d

Analysis Method: 8270C Date Collected: 09/16/2011 10:50

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 15:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	2.8
108-95-2	Phenol	10	U	10	0.81
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
95-57-8	2-Chlorophenol	10	U	10	2.2
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
91-57-6	2-Methylnaphthalene	10	U	10	3.0
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.8
88-74-4	2-Nitroaniline	20	U	20	4.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
100-01-6	4-Nitroaniline	20	U	20	5.8
100-02-7	4-Nitrophenol	30	U	30	6.7
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
1912-24-9	Atrazine	10	U	10	3.0
91-20-3	Naphthalene	10	U	10	2.7
100-52-7	Benzaldehyde	10	U *	10	2.0
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
105-60-2	Caprolactam	10	U	10	2.5
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31258-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-17338-091611-MM-02</u>	Lab Sample ID: <u>460-31258-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>z10051.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/16/2011 10:50</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>09/20/2011 07:47</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>09/21/2011 15:02</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87212</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
206-44-0	Fluoranthene	10	U	10	3.2
86-73-7	Fluorene	10	U	10	2.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.0
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
Matrix: Water Lab File ID: z10051.d
Analysis Method: 8270C Date Collected: 09/16/2011 10:50
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 15:02
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	78		46-122
321-60-8	2-Fluorobiphenyl	79		53-108
367-12-4	2-Fluorophenol (Surr)	40		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	83		56-112
4165-62-2	Phenol-d5 (Surr)	25		10-48
1718-51-0	Terphenyl-d14 (Surr)	84		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
Matrix: Water Lab File ID: z10051.d
Analysis Method: 8270C Date Collected: 09/16/2011 10:50
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 15:02
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L
Number TICs Found: 3 TIC Result Total: 69

CAS NO.	COMPOUND NAME	RT	RESULT	Q
121-33-5	Vanillin	6.40	35	J N
	Unknown-1	9.90	17	J
68002-20-0	Hexa (methoxymethyl) melamine	10.77	17	J N

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10051.d
 Report Date: 24-Sep-2011 23:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10051.d
 Lab Smp Id: 460-31258-F-2-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 21-SEP-2011 15:02
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31258-F-2-A
 Misc Info : 460-31258-F-2-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
 Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allh20.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
=====	=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112		2.601	2.602	(0.673)	295504	19.8233	40
\$ 17 Phenol-d5 (SUR)	99		3.513	3.531	(0.909)	214734	12.6892	25
* 79 1,4-Dichlorobenzene-d4	152		3.866	3.866	(1.000)	436198	40.0000	
74 Benzyl Alcohol	108		4.013	4.025	(1.038)	2471	0.29659	0.59(a)
\$ 76 Nitrobenzene-d5 (SUR)	82		4.431	4.437	(0.860)	662046	41.2907	82
* 80 Naphthalene-d8	136		5.154	5.160	(1.000)	1543985	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172		6.248	6.254	(0.905)	1048328	39.6601	79
* 82 Acenaphthene-d10	164		6.907	6.907	(1.000)	714664	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.678	7.684	(1.112)	124679	39.0930	78
* 83 Phenanthrene-d10	188		8.354	8.360	(1.000)	931331	40.0000	
\$ 78 Terphenyl-d14	244		9.924	9.925	(0.901)	604875	42.2179	84
* 81 Chrysene-d12	240		11.013	11.013	(1.000)	477882	40.0000	
* 84 Perylene-d12	264		12.801	12.801	(1.000)	363870	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10051.d
Report Date: 24-Sep-2011 23:26

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10051.d
 Report Date: 24-Sep-2011 23:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10051.d
 Lab Smp Id: 460-31258-F-2-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 21-SEP-2011 15:02
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31258-F-2-A
 Misc Info : 460-31258-F-2-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
 Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allh20.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 82 Acenaphthene-d10	6.907	3055964	40.000
* 81 Chrysene-d12	11.013	1323973	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/mL)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Vanillin					CAS #: 121-33-5		
6.395	1323058	17.3177170	35	98	NIST02.l	24644	82
Unknown-1					CAS #:		
9.895	286971	8.66998226	17	0		0	81

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10051.d
Report Date: 24-Sep-2011 23:26

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/L)		LIBRARY	LIB ENTRY	
====	====	=====	=====	====	=====	=====	=====
Hexa(methoxymethyl)melamine							
				CAS #: 68002-20-0			
10.771	283030	8.55092157	17	62	NIST02.l	153935	81(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: z10051.d

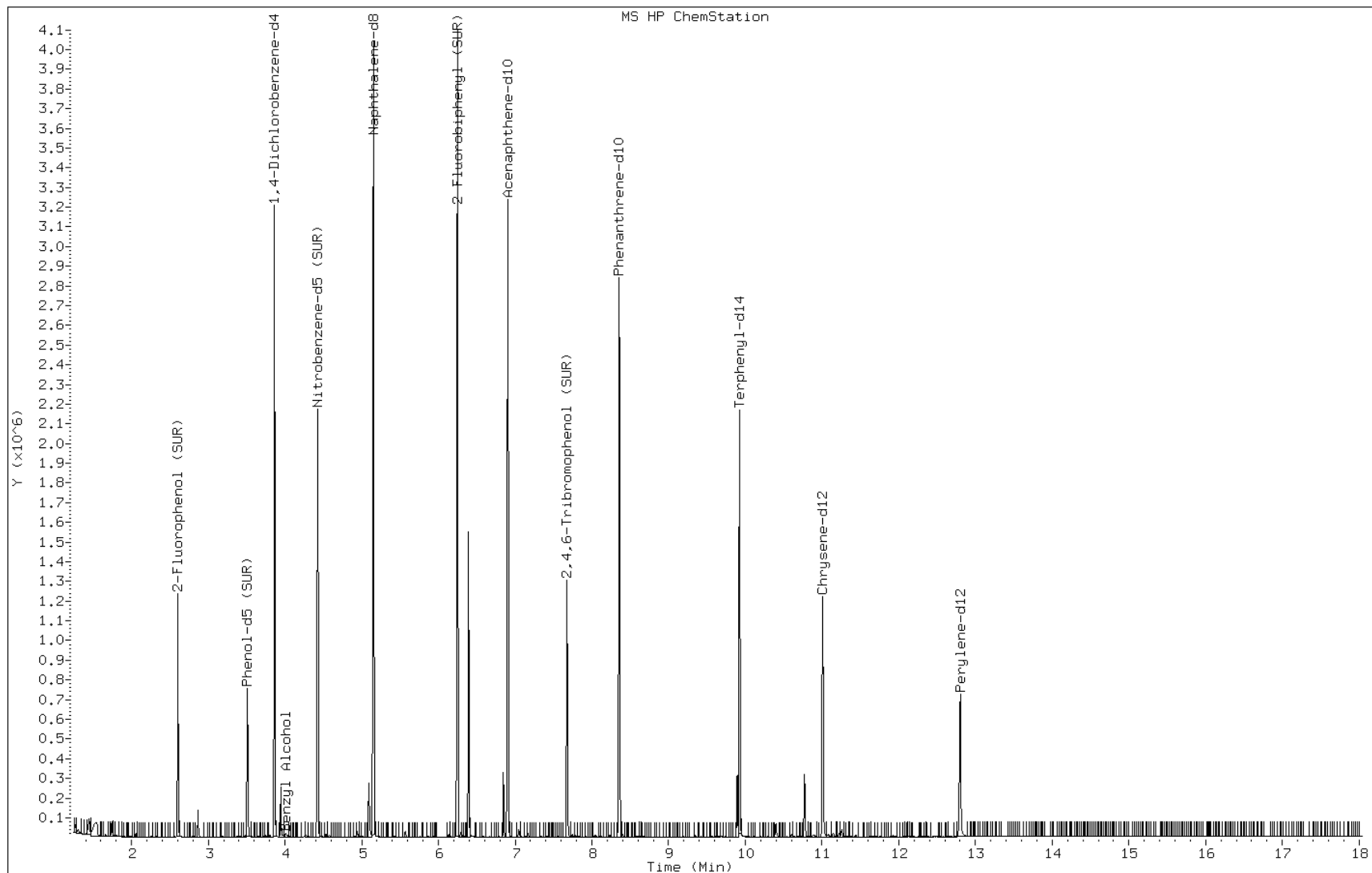
Date: 21-SEP-2011 15:02

Client ID: GW-17338-091611-MM-

Instrument: BNAMS11.i

Sample Info: 460-31258-F-2-A

Operator: BNAMS 4



Data File: z10051.d

Date: 21-SEP-2011 15:02

Client ID: GW-17338-091611-MM-

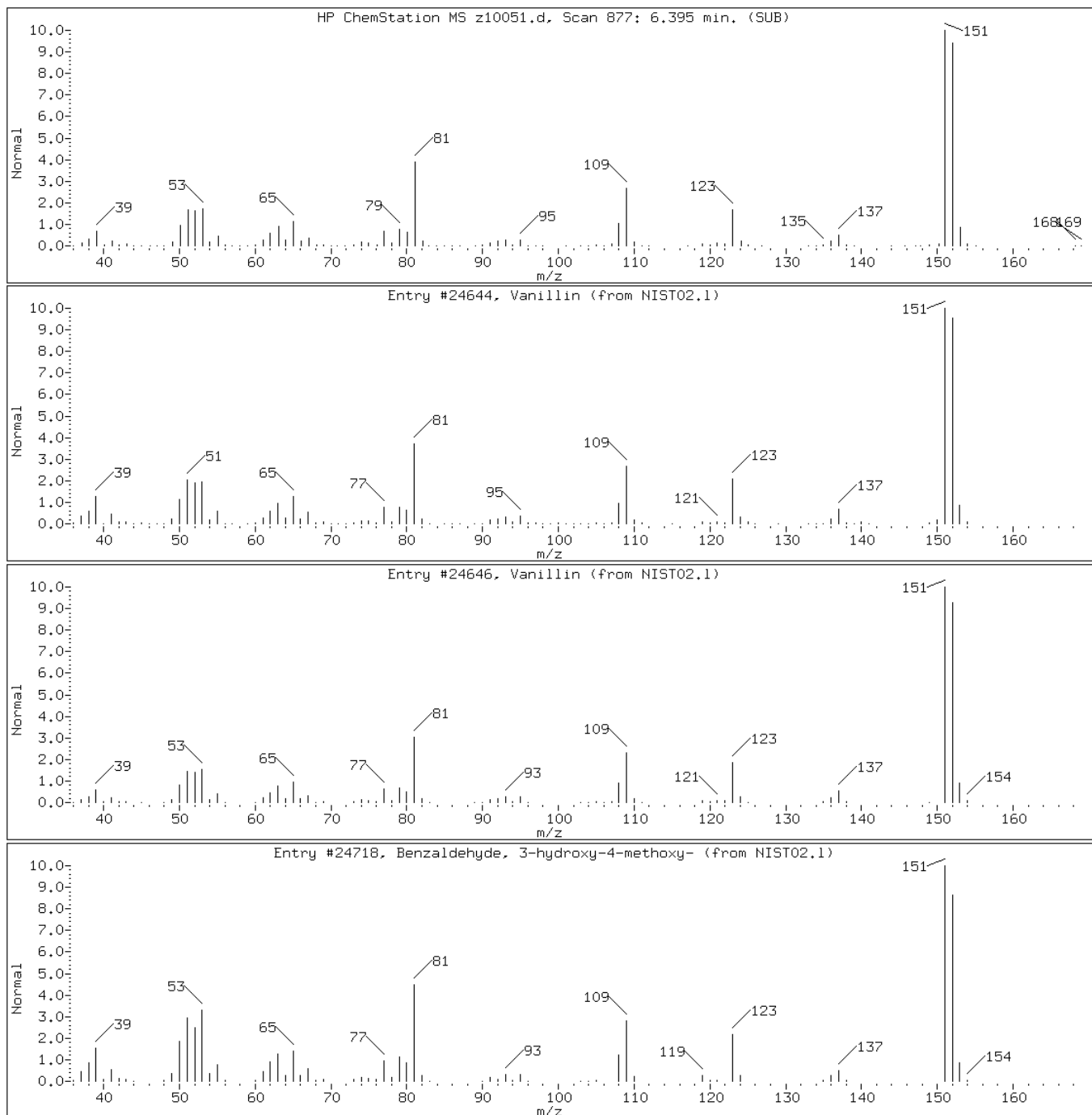
Instrument: BNAMS11.i

Sample Info: 460-31258-F-2-A

Operator: BNAMS 4

Retention Time: 6.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Vanillin	121-33-5	NIST02.1	24644	98	C8H8O3	152
Vanillin	121-33-5	NIST02.1	24646	97	C8H8O3	152
Benzaldehyde, 3-hydroxy-4-methoxy-	621-59-0	NIST02.1	24718	96	C8H8O3	152



Data File: z10051.d

Date: 21-SEP-2011 15:02

Client ID: GW-17338-091611-MM-

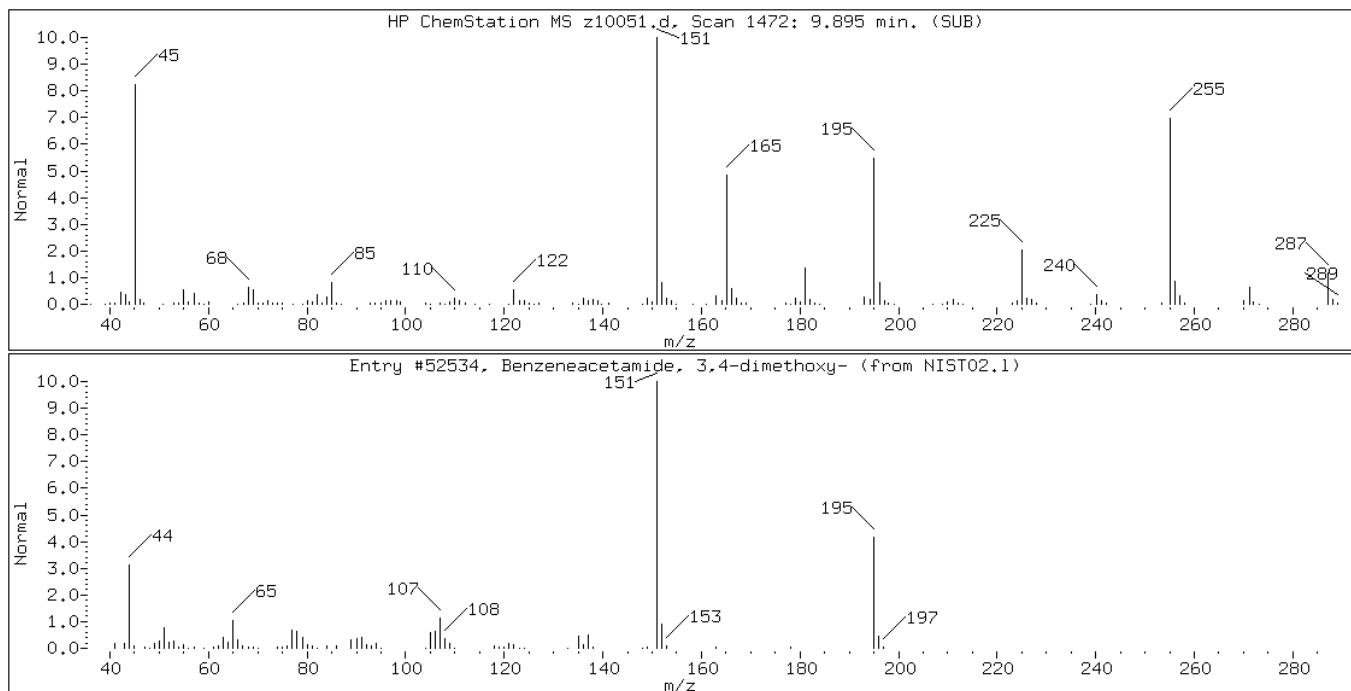
Instrument: BNAMS11.i

Sample Info: 460-31258-F-2-A

Operator: BNAMS 4

Retention Time: 9.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Benzeneacetamide, 3,4-dimethoxy-	5663-56-9	NIST02.1	52534	22	C10H13NO3	195



Data File: z10051.d

Date: 21-SEP-2011 15:02

Client ID: GW-17338-091611-MM-

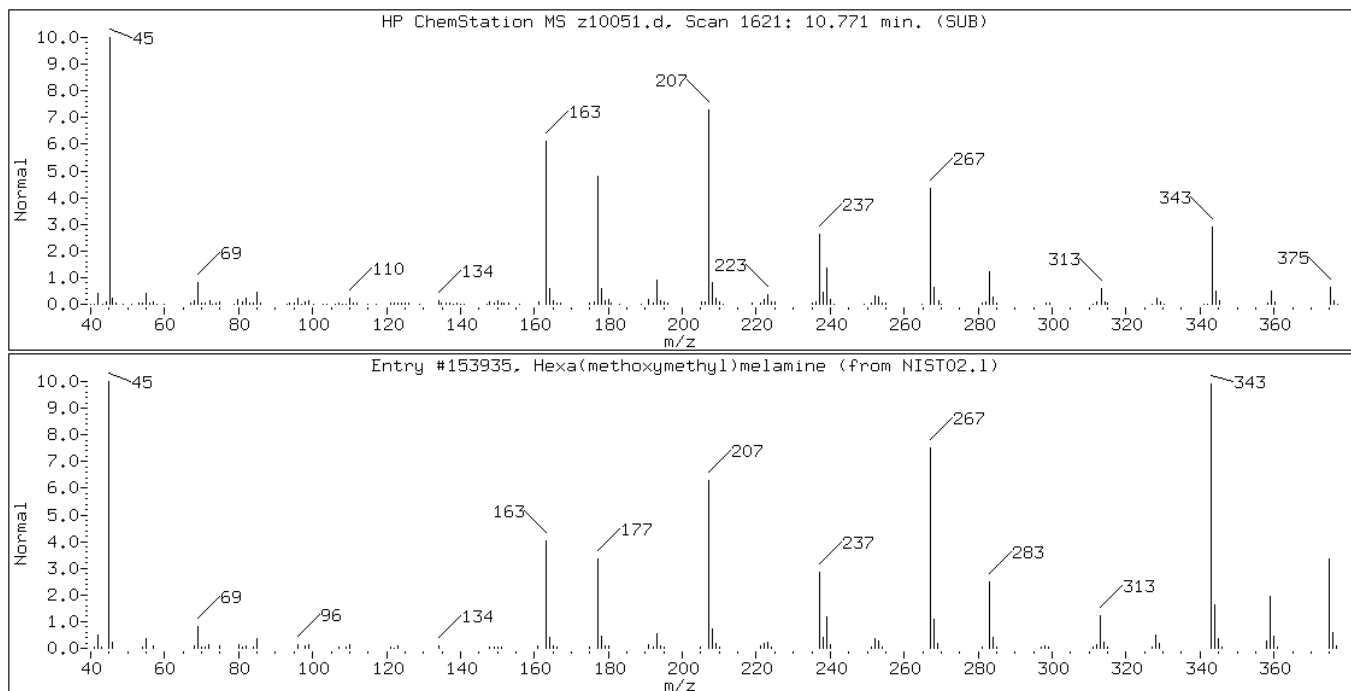
Instrument: BNAMS11.i

Sample Info: 460-31258-F-2-A

Operator: BNAMS 4

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexa(methoxymethyl)melamine	68002-20-0	NIST02.1	153935	62	C ₁₅ H ₃₀ N ₆ O ₆	390
Unknown-2						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31258-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-17338-091611-MM-03</u>	Lab Sample ID: <u>460-31258-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>z10052.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/16/2011 12:15</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>09/20/2011 07:47</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>09/21/2011 15:27</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87212</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	2.8
108-95-2	Phenol	10	U	10	0.81
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
95-57-8	2-Chlorophenol	10	U	10	2.2
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
91-57-6	2-Methylnaphthalene	10	U	10	3.0
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.8
88-74-4	2-Nitroaniline	20	U	20	4.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
100-01-6	4-Nitroaniline	20	U	20	5.8
100-02-7	4-Nitrophenol	30	U	30	6.7
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
1912-24-9	Atrazine	10	U	10	3.0
91-20-3	Naphthalene	10	U	10	2.7
100-52-7	Benzaldehyde	10	U *	10	2.0
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
105-60-2	Caprolactam	10	U	10	2.5
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
 Matrix: Water Lab File ID: z10052.d
 Analysis Method: 8270C Date Collected: 09/16/2011 12:15
 Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
 Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 15:27
 Con. Extract Vol.: 2(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
206-44-0	Fluoranthene	10	U	10	3.2
86-73-7	Fluorene	10	U	10	2.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.0
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
Matrix: Water Lab File ID: z10052.d
Analysis Method: 8270C Date Collected: 09/16/2011 12:15
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 15:27
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	85		46-122
321-60-8	2-Fluorobiphenyl	82		53-108
367-12-4	2-Fluorophenol (Surr)	41		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	84		56-112
4165-62-2	Phenol-d5 (Surr)	26		10-48
1718-51-0	Terphenyl-d14 (Surr)	87		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
Matrix: Water Lab File ID: z10052.d
Analysis Method: 8270C Date Collected: 09/16/2011 12:15
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 15:27
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10052.d
 Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10052.d
 Lab Smp Id: 460-31258-H-3-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 21-SEP-2011 15:27
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31258-H-3-A
 Misc Info : 460-31258-H-3-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
 Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allh20.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.601	2.602	(0.673)	316056	20.5569	41
\$ 17 Phenol-d5 (SUR)	99	3.513	3.531	(0.909)	222699	12.7594	26
* 79 1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	449886	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.431	4.437	(0.860)	693848	41.9729	84
* 80 Naphthalene-d8	136	5.154	5.160	(1.000)	1591851	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.248	6.254	(0.905)	1095940	41.0712	82
* 82 Acenaphthene-d10	164	6.907	6.907	(1.000)	721453	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.678	7.684	(1.112)	136802	42.4905	85
* 83 Phenanthrene-d10	188	8.354	8.360	(1.000)	928905	40.0000	
\$ 78 Terphenyl-d14	244	9.924	9.925	(0.901)	616137	43.5154	87
* 81 Chrysene-d12	240	11.013	11.013	(1.000)	472265	40.0000	
* 84 Perylene-d12	264	12.801	12.801	(1.000)	354844	40.0000	

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10052.d
Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10052.d
Lab Smp Id: 460-31258-H-3-A Client Smp ID: GW-17338-091611-MM-
Inj Date : 21-SEP-2011 15:27
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-31258-H-3-A
Misc Info : 460-31258-H-3-A
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10052.d

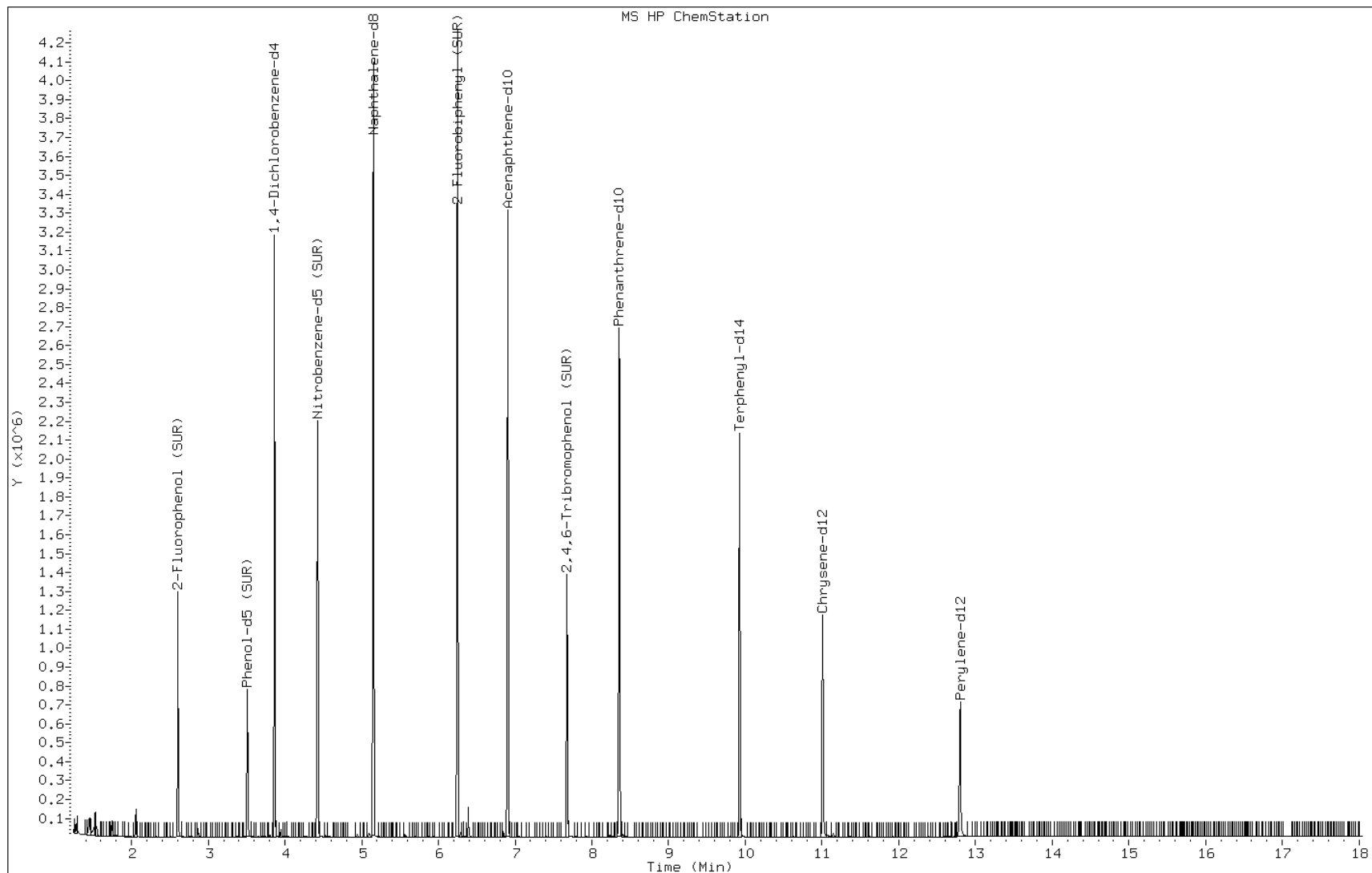
Date: 21-SEP-2011 15:27

Client ID: GW-17338-091611-MM-

Instrument: BNAMS11.i

Sample Info: 460-31258-H-3-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31258-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-091611-MM-05</u>	Lab Sample ID: <u>460-31258-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>z10053.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/16/2011 07:30</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>09/20/2011 07:47</u>
Sample wt/vol: <u>720 (mL)</u>	Date Analyzed: <u>09/21/2011 15:52</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87212</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	14	U	14	3.9
108-95-2	Phenol	14	U	14	1.1
88-06-2	2,4,6-Trichlorophenol	14	U	14	3.3
111-44-4	Bis(2-chloroethyl)ether	1.4	U	1.4	0.39
120-83-2	2,4-Dichlorophenol	14	U	14	3.6
95-57-8	2-Chlorophenol	14	U	14	3.1
121-14-2	2,4-Dinitrotoluene	2.8	U	2.8	0.65
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	14	2.8
98-86-2	Acetophenone	14	U	14	3.8
91-57-6	2-Methylnaphthalene	14	U	14	4.2
106-44-5	4-Methylphenol	14	U	14	2.2
95-48-7	2-Methylphenol	14	U	14	2.5
88-74-4	2-Nitroaniline	28	U	28	6.8
67-72-1	Hexachloroethane	1.4	U	1.4	0.35
98-95-3	Nitrobenzene	1.4	U	1.4	0.42
59-50-7	4-Chloro-3-methylphenol	14	U	14	3.5
78-59-1	Isophorone	14	U	14	3.8
88-75-5	2-Nitrophenol	14	U	14	3.3
7005-72-3	4-Chlorophenyl phenyl ether	14	U	14	3.5
105-67-9	2,4-Dimethylphenol	14	U	14	4.7
100-01-6	4-Nitroaniline	28	U	28	8.1
100-02-7	4-Nitrophenol	42	U	42	9.3
111-91-1	Bis(2-chloroethoxy)methane	14	U	14	3.6
1912-24-9	Atrazine	14	U	14	4.2
91-20-3	Naphthalene	14	U	14	3.8
100-52-7	Benzaldehyde	14	U *	14	2.8
106-47-8	4-Chloroaniline	14	U	14	2.8
87-68-3	Hexachlorobutadiene	2.8	U	2.8	0.79
207-08-9	Benzo[k]fluoranthene	1.4	U	1.4	0.36
105-60-2	Caprolactam	14	U	14	3.5
86-74-8	Carbazole	14	U	14	4.4
77-47-4	Hexachlorocyclopentadiene	14	U	14	2.4
53-70-3	Dibenz(a,h)anthracene	1.4	U	1.4	0.13
95-95-4	2,4,5-Trichlorophenol	14	U	14	3.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: FB-17338-091611-MM-05 Lab Sample ID: 460-31258-5

Matrix: Water Lab File ID: z10053.d

Analysis Method: 8270C Date Collected: 09/16/2011 07:30

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 720 (mL) Date Analyzed: 09/21/2011 15:52

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	14	U	14	3.9
91-58-7	2-Chloronaphthalene	14	U	14	3.8
206-44-0	Fluoranthene	14	U	14	4.4
86-73-7	Fluorene	14	U	14	3.9
606-20-2	2,6-Dinitrotoluene	2.8	U	2.8	0.85
208-96-8	Acenaphthylene	14	U	14	3.8
99-09-2	3-Nitroaniline	28	U	28	6.9
621-64-7	N-Nitrosodi-n-propylamine	1.4	U	1.4	0.35
83-32-9	Acenaphthene	14	U	14	3.8
51-28-5	2,4-Dinitrophenol	42	U	42	7.5
132-64-9	Dibenzofuran	14	U	14	3.9
84-66-2	Diethyl phthalate	14	U	14	4.0
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	6.5
86-30-6	N-Nitrosodiphenylamine	14	U	14	4.0
101-55-3	4-Bromophenyl phenyl ether	14	U	14	3.5
85-01-8	Phenanthrene	14	U	14	4.3
120-12-7	Anthracene	14	U	14	3.9
84-74-2	Di-n-butyl phthalate	14	U	14	4.0
129-00-0	Pyrene	14	U	14	4.0
85-68-7	Butyl benzyl phthalate	14	U	14	3.5
91-94-1	3,3'-Dichlorobenzidine	28	U	28	6.8
218-01-9	Chrysene	14	U	14	4.3
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	14	2.8
117-84-0	Di-n-octyl phthalate	14	U	14	2.1
193-39-5	Indeno[1,2,3-cd]pyrene	1.4	U	1.4	0.21
191-24-2	Benzo[g,h,i]perylene	14	U	14	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: FB-17338-091611-MM-05 Lab Sample ID: 460-31258-5
Matrix: Water Lab File ID: z10053.d
Analysis Method: 8270C Date Collected: 09/16/2011 07:30
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 720 (mL) Date Analyzed: 09/21/2011 15:52
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	76		46-122
321-60-8	2-Fluorobiphenyl	81		53-108
367-12-4	2-Fluorophenol (Surr)	38		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	85		56-112
4165-62-2	Phenol-d5 (Surr)	25		10-48
1718-51-0	Terphenyl-d14 (Surr)	81		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: FB-17338-091611-MM-05 Lab Sample ID: 460-31258-5
Matrix: Water Lab File ID: z10053.d
Analysis Method: 8270C Date Collected: 09/16/2011 07:30
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 720 (mL) Date Analyzed: 09/21/2011 15:52
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10053.d
 Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10053.d
 Lab Smp Id: 460-31258-H-5-A Client Smp ID: FB-17338-091611-MM-
 Inj Date : 21-SEP-2011 15:52
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31258-H-5-A
 Misc Info : 460-31258-H-5-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
 Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allh20.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * 1000 * \text{Vt} / \text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	720.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.602	2.602 (0.674)	284757	18.9771	53		
\$ 17 Phenol-d5 (SUR)	99	3.513	3.531 (0.910)	214943	12.6182	35		
* 79 1,4-Dichlorobenzene-d4	152	3.860	3.866 (1.000)	439077	40.0000			
\$ 76 Nitrobenzene-d5 (SUR)	82	4.425	4.437 (0.858)	670328	42.3307	120		
* 80 Naphthalene-d8	136	5.154	5.160 (1.000)	1524893	40.0000			
\$ 77 2-Fluorobiphenyl (SUR)	172	6.248	6.254 (0.905)	1019715	40.3606	110		
* 82 Acenaphthene-d10	164	6.901	6.907 (1.000)	683094	40.0000			
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.678	7.684 (1.113)	115462	37.8762	100		
* 83 Phenanthrene-d10	188	8.354	8.360 (1.000)	867943	40.0000			
\$ 78 Terphenyl-d14	244	9.925	9.925 (0.901)	569900	40.6735	110		
* 81 Chrysene-d12	240	11.013	11.013 (1.000)	467346	40.0000			
* 84 Perylene-d12	264	12.801	12.801 (1.000)	361718	40.0000			

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10053.d
Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10053.d
Lab Smp Id: 460-31258-H-5-A Client Smp ID: FB-17338-091611-MM-
Inj Date : 21-SEP-2011 15:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-31258-H-5-A
Misc Info : 460-31258-H-5-A
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10053.d

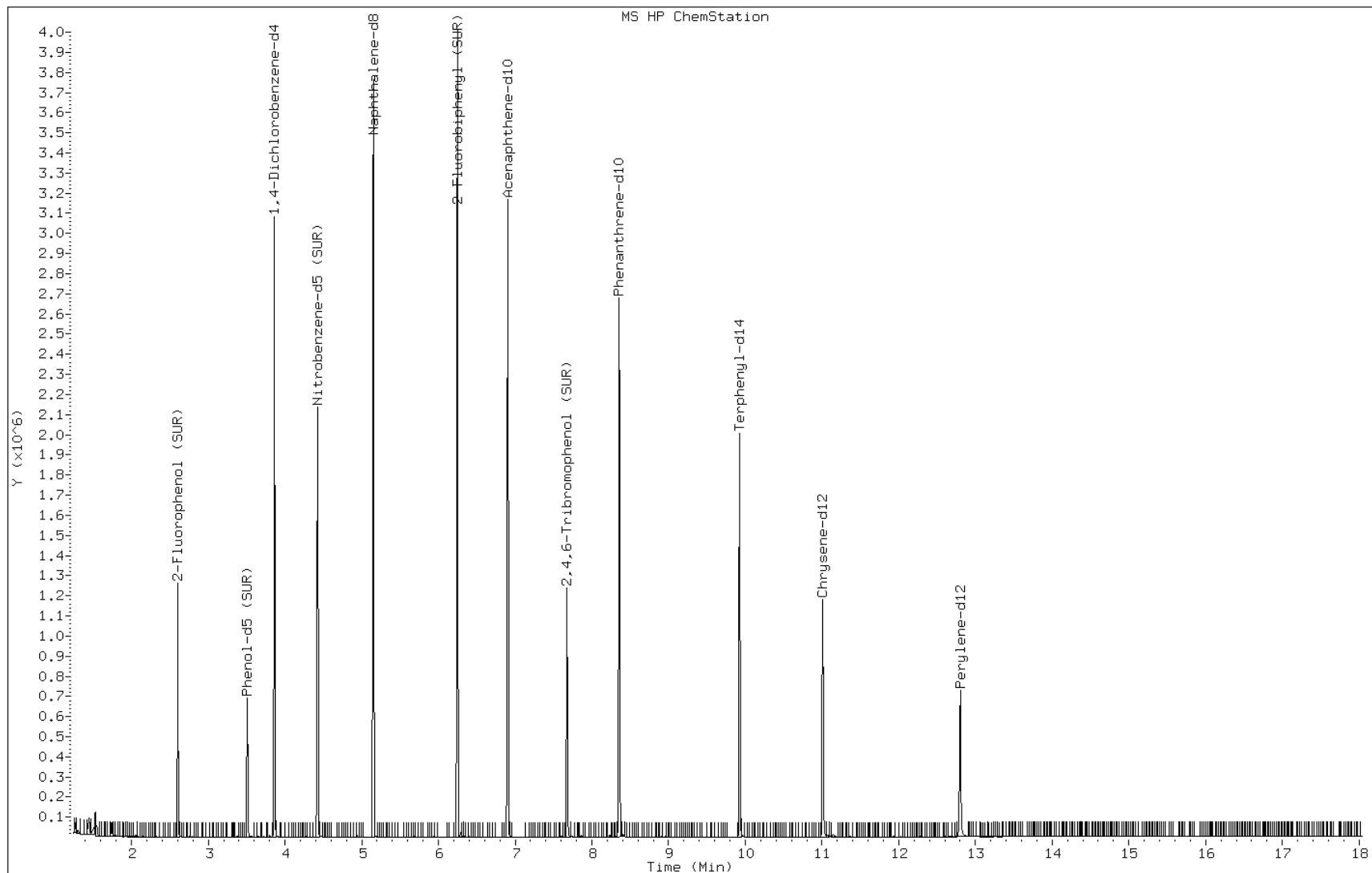
Date: 21-SEP-2011 15:52

Client ID: FB-17338-091611-MM-

Instrument: BNAMS11.i

Sample Info: 460-31258-H-5-A

Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 86167

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86167/6	z19792.d
Level 2	IC 460-86167/5	z19790.d
Level 3	ICIS 460-86167/2	z19786.d
Level 4	IC 460-86167/4	z19789.d
Level 5	IC 460-86167/3	z19787.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.7402	0.6253	0.6051	0.7152	0.6437	Ave		0.6659			0.0500	8.8		30.0			
N-Nitrosodimethylamine	0.9312	0.8678	0.7713	0.9144	0.8408	Ave		0.8651			0.0500	7.4		30.0			
Pyridine	1.7266	1.6031	1.4505	1.6077	1.4835	Ave		1.5743			0.0500	7.0		30.0			
2,3,7,8-TCDD	++++	++++	0.2018	++++	++++	Ave		0.2018			0.0500			30.0			
Benzaldehyde	1.0789	0.5046	0.2107	0.2167	0.0634	Ave		0.4148			0.0500	97.4	*	30.0			
Phenol	2.0348	1.7793	1.6326	1.6265	1.6329	Ave		1.7412			0.0500	10.1		30.0			
Aniline	2.0056	1.9240	1.8776	1.8374	1.8039	Ave		1.8897			0.0500	4.2		30.0			
Bis(2-chloroethyl)ether	1.4674	1.3169	1.3065	1.3508	1.3373	Ave		1.3558			0.0500	4.8		30.0			
2-Chlorophenol	1.6526	1.4655	1.3614	1.3007	1.2719	Ave		1.4104			0.0500	10.9		30.0			
n-Decane	1.7144	1.5272	1.4863	1.3551	1.2701	Ave		1.4706			0.0500	11.6		30.0			
1,3-Dichlorobenzene	1.6691	1.5960	1.6324	1.6208	1.6697	Ave		1.6376			0.0500	1.9		30.0			
1,4-Dichlorobenzene	1.6668	1.5525	1.6311	1.6519	1.6905	Ave		1.6386			0.0500	3.2		30.0			
Benzyl alcohol	0.7524	0.6815	0.7677	0.7510	0.7574	Ave		0.7420			0.0500	4.6		30.0			
1,2-Dichlorobenzene	1.5296	1.4120	1.5019	1.4846	1.4928	Ave		1.4842			0.0500	3.0		30.0			
2-Methylphenol	1.1947	1.0165	1.0590	1.0203	1.0348	Ave		1.0651			0.0500	7.0		30.0			
2,2'-oxybis[1-chloropropane]	1.7591	1.4882	1.5626	1.3811	1.2730	Ave		1.4928			0.0500	12.4		30.0			
o-Toluidine	1.5499	1.5512	1.4230	1.3906	1.3679	Ave		1.4565			0.0500	6.0		30.0			
Acetophenone	1.7448	1.5808	1.6554	1.6298	1.6171	Ave		1.6456			0.0500	3.7		30.0			
N-Nitrosodi-n-propylamine	0.8210	0.7503	0.8365	0.8094	0.7867	Ave		0.8008			0.0500	4.2		30.0			
3 & 4 Methylphenol	1.2823	1.0528	1.1316	1.0591	1.1678	Ave		1.1387			0.0500	8.2		30.0			
4-Methylphenol	1.2823	1.0528	1.1308	1.0591	1.1678	Ave		1.1386			0.0500	8.2		30.0			
Hexachloroethane	0.7552	0.6224	0.6490	0.6246	0.6195	Ave		0.6541			0.0500	8.8		30.0			
Nitrobenzene	0.6336	0.5811	0.5886	0.5675	0.5696	Ave		0.5881			0.0500	4.6		30.0			
n,n'-Dimethylaniline	1.4906	1.7216	1.8401	1.8117	1.8504	Ave		1.7429			0.0500	8.6		30.0			
Isophorone	0.6239	0.5833	0.6340	0.5827	0.5827	Ave		0.6013			0.0500	4.2		30.0			
2-Nitrophenol	0.2046	0.1939	0.1980	0.1926	0.1953	Ave		0.1969			0.0500	2.4		30.0			
2,4-Dimethylphenol	0.3363	0.3011	0.3059	0.2903	0.2987	Ave		0.3064			0.0500	5.7		30.0			
Bis(2-chloroethoxy)methane	0.3763	0.3603	0.3837	0.3723	0.3797	Ave		0.3745			0.0500	2.4		30.0			
2,4-Dichlorophenol	0.2880	0.2631	0.2637	0.2506	0.2615	Ave		0.2654			0.0500	5.2		30.0			
1,2,4-Trichlorobenzene	0.3164	0.3197	0.3248	0.3231	0.3253	Ave		0.3219			0.0500	1.2		30.0			
Naphthalene	1.0695	1.0445	1.0938	1.1060	1.1412	Ave		1.0910			0.0500	3.4		30.0			
4-Chloroaniline	0.3659	0.3573	0.3832	0.3640	0.3724	Ave		0.3686			0.0500	2.7		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 Edison Job No.: 460-31258-1 Analy Batch No.: 86167

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2146	0.2027	0.2048	0.2028	0.2012	Ave		0.2052			0.0500	2.6		30.0			
Caprolactam	0.0742	0.0626	0.0861	0.0699	0.0699	Ave		0.0725			0.0500	12.0		30.0			
4-Chloro-3-methylphenol	0.2806	0.2341	0.2675	0.2578	0.2623	Ave		0.2604			0.0500	6.5		30.0			
2-Methylnaphthalene	0.6174	0.5870	0.6378	0.6459	0.6608	Ave		0.6298			0.0500	4.5		30.0			
1-Methylnaphthalene	0.6121	0.6066	0.6496	0.6481	0.6709	Ave		0.6375			0.0500	4.3		30.0			
Hexachlorocyclopentadiene	0.3495	0.4537	0.4247	0.4114	0.4192	Ave		0.4117			0.0500	9.3		30.0			
2,4,6-Trichlorophenol	0.3663	0.3885	0.3885	0.3734	0.3901	Ave		0.3814			0.0500	2.8		30.0			
2,4,5-Trichlorophenol	0.3909	0.3882	0.3866	0.3639	0.3698	Ave		0.3799			0.0500	3.2		30.0			
1,1'-Biphenyl	1.7978	1.7901	1.7395	1.7405	1.7979	Ave		1.7732			0.0500	1.7		30.0			
2-Chloronaphthalene	1.2913	1.2617	1.2744	1.2267	1.2546	Ave		1.2617			0.0500	1.9		30.0			
Phenyl ether	0.8885	0.8830	0.9001	0.8649	0.8916	Ave		0.8856			0.0500	1.5		30.0			
2-Nitroaniline	0.4228	0.4367	0.4838	0.3502	0.3420	Ave		0.4071			0.0500	14.8		30.0			
Dimethyl phthalate	1.2427	1.1171	1.2548	1.1934	1.2116	Ave		1.2039			0.0500	4.5		30.0			
Coumarin	0.1653	0.1409	0.1784	0.1685	0.1698	Ave		0.1646			0.0500	8.6		30.0			
2,6-Dinitrotoluene	0.2533	0.2496	0.2835	0.2716	0.2752	Ave		0.2667			0.0500	5.5		30.0			
Acenaphthylene	1.9584	1.8484	1.9483	1.8550	1.9108	Ave		1.9042			0.0500	2.7		30.0			
3-Nitroaniline	0.2891	0.2522	0.3031	0.2758	0.2768	Ave		0.2794			0.0500	6.7		30.0			
Acenaphthene	1.1443	1.1260	1.2018	1.2133	1.2130	Ave		1.1797			0.0500	3.5		30.0			
2,4-Dinitrophenol	0.0945	0.1203	0.1643	0.1535	0.1655	Ave		0.1396			0.0500	22.3		30.0			
4-Nitrophenol	0.2149	0.1890	0.2501	0.2140	0.2167	Ave		0.2170			0.0500	10.0		30.0			
2,4-Dinitrotoluene	0.3221	0.2969	0.3770	0.3524	0.3578	Ave		0.3412			0.0500	9.3		30.0			
Dibenzofuran	1.5755	1.4638	1.6232	1.5840	1.6249	Ave		1.5743			0.0500	4.2		30.0			
Diethyl phthalate	1.2415	1.0810	1.2842	1.2258	1.2187	Ave		1.2102			0.0500	6.3		30.0			
Fluorene	1.2467	1.1512	1.3172	1.3115	1.3396	Ave		1.2732			0.0500	6.0		30.0			
4-Chlorophenyl phenyl ether	0.5689	0.5285	0.5888	0.5912	0.6013	Ave		0.5757			0.0500	5.0		30.0			
4-Nitroaniline	0.2573	0.2206	0.2980	0.2523	0.2481	Ave		0.2553			0.0500	10.9		30.0			
4,6-Dinitro-2-methylphenol	0.1171	0.1263	0.1439	0.1418	0.1457	Ave		0.1350			0.0500	9.3		30.0			
N-Nitrosodiphenylamine	0.6262	0.5775	0.5856	0.6246	0.6384	Ave		0.6105			0.0500	4.4		30.0			
1,2-Diphenylhydrazine	0.9468	1.1674	1.0994	1.1451	1.1842	Ave		1.1086			0.0500	8.6		30.0			
4-Bromophenyl phenyl ether	0.2452	0.2492	0.2438	0.2532	0.2615	Ave		0.2506			0.0500	2.8		30.0			
Hexachlorobenzene	0.2894	0.2748	0.2651	0.2788	0.2801	Ave		0.2776			0.0500	3.2		30.0			
Atrazine	0.2181	0.2104	0.2179	0.2105	0.2125	Ave		0.2139			0.0500	1.8		30.0			
Pentachlorophenol	0.0862	0.1190	0.1365	0.1451	0.1508	Ave		0.1275			0.0500	20.4		30.0			
Phenanthrene	1.1546	1.1121	1.1715	1.1607	1.2035	Ave		1.1605			0.0500	2.8		30.0			
Anthracene	1.1269	1.1234	1.1974	1.1862	1.2217	Ave		1.1711			0.0500	3.7		30.0			
Carbazole	0.9688	0.8585	0.9943	0.9455	0.9450	Ave		0.9424			0.0500	5.4		30.0			
Di-n-butyl phthalate	1.3099	1.2097	1.3879	1.3595	1.3683	Ave		1.3271			0.0500	5.4		30.0			
Fluoranthene	1.0369	0.8794	1.1015	1.0018	0.9777	Ave		0.9995			0.0500	8.2		30.0			
Benzidine	0.1759	0.1552	0.1089	0.0490	0.0316	Ave		0.1041			0.0500	60.9	*	30.0			
Pyrene	1.4685	1.6660	1.4660	1.7303	1.8635	Ave		1.6389			0.0500	10.5		30.0			
Butyl benzyl phthalate	0.6828	0.7424	0.7236	0.7937	0.8187	Ave		0.7522			0.0500	7.2		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 Edison Job No.: 460-31258-1 Analy Batch No.: 86167

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4250	0.3655	0.3507	0.2968	0.2842	Ave		0.3444			0.0500	16.5		30.0			
Benzo[a]anthracene	1.5344	1.1665	1.1967	1.1896	1.1976	Ave		1.2570			0.0500	12.4		30.0			
Chrysene	1.1401	1.0985	1.1483	1.1192	1.1536	Ave		1.1319			0.0500	2.0		30.0			
Bis(2-ethylhexyl) phthalate	0.9472	0.9865	0.9933	1.1224	1.1464	Ave		1.0392			0.0500	8.6		30.0			
Di-n-octyl phthalate	1.5584	1.7283	1.6862	2.1025	2.0231	Ave		1.8197			0.0500	12.8		30.0			
Benzo[b]fluoranthene	1.1697	1.1157	1.1953	1.2510	1.2277	Ave		1.1919			0.0500	4.4		30.0			
Benzo[k]fluoranthene	1.1587	1.2238	1.2207	1.2281	1.2567	Ave		1.2176			0.0500	2.9		30.0			
Benzo[a]pyrene	1.0507	0.9710	0.9900	0.9678	0.9835	Ave		0.9926			0.0500	3.4		30.0			
Indeno[1,2,3-cd]pyrene	0.9774	0.9485	1.0016	0.8997	0.9655	Ave		0.9585			0.0500	4.0		30.0			
Dibenz(a,h)anthracene	0.9164	0.9054	0.9707	0.9062	0.9329	Ave		0.9263			0.0500	2.9		30.0			
Benzo[g,h,i]perylene	0.9665	0.9638	0.9746	0.8851	0.9414	Ave		0.9463			0.0500	3.8		30.0			
2-Fluorophenol (Surr)	1.6581	1.6711	1.3852	1.4146	1.3578	Ave		1.4974			0.0500	10.3		30.0			
Phenol-d5 (Surr)	1.7344	1.6850	1.5058	1.4824	1.5185	Ave		1.5852			0.0500	7.3		30.0			
Nitrobenzene-d5 (Surr)	0.4461	0.4432	0.4373	0.4181	0.4153	Ave		0.4320			0.0500	3.3		30.0			
2-Fluorobiphenyl	1.4751	1.5798	1.5075	1.4918	1.5230	Ave		1.5154			0.0500	2.7		30.0			
2,4,6-Tribromophenol (Surr)	0.1666	0.1655	0.1968	0.1761	0.1929	Ave		0.1796			0.0500	8.1		30.0			
Terphenyl-d14 (Surr)	1.0469	1.2254	1.0183	1.2323	1.3161	Ave		1.1678			0.0500	11.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 86167

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86167/6	z19792.d
Level 2	IC 460-86167/5	z19790.d
Level 3	ICIS 460-86167/2	z19786.d
Level 4	IC 460-86167/4	z19789.d
Level 5	IC 460-86167/3	z19787.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	32250	163929	244534	678501	956114	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	40570	227491	311723	867427	1248933	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	75220	420274	586211	1525180	2203563	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1118	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	47006	132275	85141	205585	94125	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	88648	466463	659809	1543004	2425602	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	87378	504406	758826	1743094	2679621	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	6393	345242	528009	1281495	1986440	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	72000	384197	550191	1233971	1889329	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	74692	400380	600690	1285555	1886599	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	72715	418415	659741	1537646	2480146	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	72616	407006	659190	1567147	2511102	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	32779	178661	310259	712485	1125127	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	66641	370159	607007	1408381	2217392	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	52048	266478	427998	967934	1537142	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	76640	390136	631503	1310203	1891001	5.00	20.0	50.0	80.0	120
o-Toluidine	DCB	Ave	67525	406673	575092	1319239	2031923	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	76016	414424	669007	1546159	2402072	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	3577	196711	338079	767891	1168645	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	55866	276003	457319	1004777	1734663	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	55866	276003	457022	1004777	1734663	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	3290	163180	262295	592539	920182	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	8598	453144	736199	1633738	2558505	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	6494	451346	743678	1718740	2748645	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	84655	454826	792968	1677377	2617356	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	27766	151184	247591	554344	877256	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	45634	234795	382540	835692	1341528	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	51065	280972	479921	1071635	1705476	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	39080	205164	329766	721478	1174445	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	4293	249315	406243	930200	1461026	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	145125	814516	1367988	3183748	5126118	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	49648	278598	479257	1047950	1672730	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	5823	158060	256132	583769	903997	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	10069	48799	107698	201120	313834	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 86167

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	38071	182563	334556	742116	1178108	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	83774	457757	797727	1859275	2968424	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	83061	473018	812454	1865698	3013760	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	19380	132600	224638	512815	818883	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	20316	113540	205472	465447	762057	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	21680	113467	204472	453566	722445	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	99703	523219	919993	2169455	3511845	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	71610	368770	674039	1528991	2450599	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	49276	258071	476085	1078051	1741605	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	46891	127648	255866	436479	668024	10.0	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	68919	326509	663667	1487483	2366724	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	22430	109868	223133	484949	762744	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	2810	72953	149953	338589	537467	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	108609	540243	1030432	2312134	3732506	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	32060	73718	160331	343757	540592	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	63462	329101	635623	1512295	2369447	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	15716	52756	86922	191287	323320	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	35748	82863	132299	266768	423335	15.0	30.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	3573	86782	199403	439184	698820	1.00	20.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	87372	427833	858514	1974279	3173995	5.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	68849	315951	679202	1527902	2380623	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	69138	336458	696643	1634659	2616627	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	31550	154459	311404	736868	1174586	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	28542	64481	157596	314471	484708	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	25806	63770	107804	224608	358231	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	45985	194447	438804	989114	1569160	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	69532	393069	823806	1813493	2910658	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	18010	83921	182675	400974	642816	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	2125	92526	198624	441499	688560	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	16016	70837	163309	333346	522429	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	18994	60111	102259	229739	370706	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	84788	374444	877805	1838162	2958059	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	82758	378278	897205	1878627	3002959	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	71147	289065	745022	1497350	2322633	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	96195	407319	1039983	2152986	3363199	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	76149	296091	825341	1586557	2403211	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	25840	78371	81589	77655	77577	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	75156	285154	812304	1548135	2304851	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	34947	127074	400972	710129	1012533	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	43501	93840	194337	265550	351558	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	7853	199654	663090	1064399	1481269	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	58349	188019	636277	1001392	1426808	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	48475	168853	550424	1004284	1417953	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 86167

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2011 11:34 Calibration End Date: 09/13/2011 14:23 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Di-n-octyl phthalate	PRY	Ave	73314	247539	822343	1350398	1842194	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	5503	159792	582929	803457	1117914	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	5451	175277	595327	788791	1144367	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	4943	139067	482836	621602	895590	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	4598	135843	488459	577887	879157	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	4311	129675	473430	582041	849484	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	45467	138045	475332	568457	857258	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	72237	438099	559839	1341968	2016980	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	75564	441743	608547	1406343	2255674	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	60535	345597	546965	1203512	1865479	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	81804	461743	797289	1859412	2975022	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	9240	48382	104108	219483	376814	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	53580	209739	564227	1102543	1627828	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19786.d
 Report Date: 13-Sep-2011 14:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19786.d
 Lab Smp Id: ICIS-1143618
 Inj Date : 13-SEP-2011 11:34
 Operator : BNAMS 4
 Smp Info : ICIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/8270Cdel_08.m
 Meth Date : 13-Sep-2011 14:16 monica
 Cal Date : 13-SEP-2011 11:34
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z19786.d

Calibration Sample, Level: 3

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.467	1.467	(0.356)	244534	50.0000	48(H)
19 N-Nitrosodimethylamine		74	1.691	1.691	(0.410)	311723	50.0000	46
71 Pyridine		79	1.714	1.714	(0.416)	586211	50.0000	47
\$ 16 2-Fluorophenol (SUR)		112	2.832	2.832	(0.687)	559839	50.0000	47
110 Benzaldehyde		77	3.673	3.673	(0.891)	85141	50.0000	25
\$ 17 Phenol-d5 (SUR)		99	3.767	3.767	(0.914)	608547	50.0000	47
1 Phenol		94	3.779	3.779	(0.917)	659809	50.0000	47
73 Aniline		93	3.791	3.791	(0.920)	758826	50.0000	49
20 bis(2-Chloroethyl)ether		93	3.855	3.855	(0.936)	528009	50.0000	49
2 2-Chlorophenol		128	3.914	3.914	(0.950)	550191	50.0000	48
113 n-decane		43	3.973	3.973	(0.964)	600690	50.0000	51
21 1,3-Dichlorobenzene		146	4.067	4.067	(0.987)	659741	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	4.120	4.120	(1.000)	323318	40.0000	
22 1,4-Dichlorobenzene		146	4.138	4.138	(1.004)	659190	50.0000	50
74 Benzyl Alcohol		108	4.261	4.261	(1.034)	310259	50.0000	51

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19786.d
 Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.291	4.291	(1.041)	607007	50.0000	51
3 2-Methylphenol	108	4.391	4.391	(1.066)	427998	50.0000	49
24 bis (2-chloroisopropyl) ether	45	4.402	4.402	(1.069)	631503	50.0000	52
122 o-Toluidine	107	4.520	4.520	(1.097)	575092	50.0000	49
104 Acetophenone	105	4.532	4.532	(1.100)	669007	50.0000	50
4 4-Methylphenol	108	4.543	4.543	(1.103)	457022	50.0000	49(M)
121 3 & 4 Methylphenol	108	4.543	4.543	(1.103)	457319	50.0000	49(M)
25 N-Nitroso-di-n-propylamine	70	4.538	4.538	(1.101)	338079	50.0000	52
26 Hexachloroethane	117	4.632	4.632	(1.124)	262295	50.0000	51
\$ 76 Nitrobenzene-d5 (SUR)	82	4.685	4.685	(0.866)	546965	50.0000	51
107 N,N-Dimethylaniline	120	4.708	4.708	(1.143)	743678	50.0000	52
27 Nitrobenzene	77	4.702	4.702	(0.869)	736199	50.0000	51
28 Isophorone	82	4.943	4.943	(0.914)	792968	50.0000	53
5 2-Nitrophenol	139	5.026	5.026	(0.929)	247591	50.0000	50
6 2,4-Dimethylphenol	122	5.085	5.085	(0.940)	382540	50.0000	50
29 bis(2-Chloroethoxy)methane	93	5.173	5.173	(0.956)	479921	50.0000	51
7 2,4-Dichlorophenol	162	5.273	5.273	(0.975)	329766	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.355	5.355	(0.990)	406243	50.0000	50
* 80 Naphthalene-d8	136	5.408	5.408	(1.000)	1000528	40.0000	
31 Naphthalene	128	5.432	5.432	(1.004)	1367988	50.0000	50
32 4-Chloroaniline	127	5.490	5.490	(1.015)	479257	50.0000	52
33 Hexachlorobutadiene	225	5.567	5.567	(1.029)	256132	50.0000	50
111 Caprolactam	113	5.843	5.843	(1.080)	107698	50.0000	60
8 4-Chloro-3-methylphenol	107	5.990	5.990	(1.108)	334556	50.0000	52
34 2-Methylnaphthalene	142	6.126	6.126	(1.133)	797727	50.0000	50
120 1-Methylnaphthalene	142	6.226	6.226	(1.151)	812454	50.0000	51
35 Hexachlorocyclopentadiene	237	6.296	6.296	(0.879)	224638	50.0000	50
9 2,4,6-Trichlorophenol	196	6.414	6.414	(0.896)	205472	50.0000	50
10 2,4,5-Trichlorophenol	196	6.455	6.455	(0.901)	204472	50.0000	51
\$ 77 2-Fluorobiphenyl (SUR)	172	6.496	6.496	(0.907)	797289	50.0000	50
102 Diphenyl	154	6.596	6.596	(0.921)	919993	50.0000	49
36 2-Chloronaphthalene	162	6.608	6.608	(0.923)	674039	50.0000	51
103 Diphenyl Ether	170	6.696	6.696	(0.935)	476085	50.0000	51
37 2-Nitroaniline	65	6.714	6.714	(0.938)	255866	50.0000	60
38 Dimethylphthalate	163	6.902	6.902	(0.964)	663667	50.0000	52
114 Coumarin	146	6.914	6.914	(1.278)	223133	50.0000	55
40 2,6-Dinitrotoluene	165	6.955	6.955	(0.971)	149953	50.0000	53
39 Acenaphthylene	152	7.020	7.020	(0.980)	1030432	50.0000	51
41 3-Nitroaniline	138	7.120	7.120	(0.994)	160331	50.0000	55
* 82 Acenaphthene-d10	164	7.161	7.161	(1.000)	423119	40.0000	
42 Acenaphthene	154	7.190	7.190	(1.004)	635623	50.0000	51
11 2,4-Dinitrophenol	184	7.226	7.226	(1.009)	86922	50.0000	58
12 4-Nitrophenol	65	7.302	7.302	(1.020)	132299	50.0000	58
44 2,4-Dinitrotoluene	165	7.355	7.355	(1.027)	199403	50.0000	56
43 Dibenzofuran	168	7.361	7.361	(1.028)	858514	50.0000	52
45 Diethylphthalate	149	7.602	7.602	(1.062)	679202	50.0000	54
46 4-Chlorophenyl-phenylether	204	7.702	7.702	(1.076)	311404	50.0000	51

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19786.d
Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.702	7.702	(1.076)	696643	50.0000	52
48 4-Nitroaniline	138	7.726	7.726	(1.079)	157596	50.0000	60
13 4,6-Dinitro-2-methylphenol	198	7.755	7.755	(0.900)	107804	50.0000	53
49 N-Nitrosodiphenylamine	169	7.820	7.820	(0.907)	438804	50.0000	48
75 1,2-Diphenylhydrazine	77	7.861	7.861	(0.912)	823806	50.0000	49
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.937	7.937	(1.108)	104108	50.0000	55
50 4-Bromophenyl-phenylether	248	8.184	8.184	(0.950)	182675	50.0000	48
51 Hexachlorobenzene	284	8.249	8.249	(0.957)	198624	50.0000	48
112 Atrazine	200	8.355	8.355	(0.969)	163309	50.0000	51
14 Pentachlorophenol	266	8.443	8.443	(0.980)	102259	50.0000	52
* 83 Phenanthrene-d10	188	8.620	8.620	(1.000)	599441	40.0000	
52 Phenanthrene	178	8.643	8.643	(1.003)	877805	50.0000	51
53 Anthracene	178	8.690	8.690	(1.008)	897205	50.0000	51
54 Carbazole	167	8.855	8.855	(1.027)	745022	50.0000	53
55 Di-n-butylphthalate	149	9.208	9.208	(1.068)	1039983	50.0000	52
56 Fluoranthene	202	9.808	9.808	(1.138)	825341	50.0000	56
58 Benzidine	184	9.943	9.943	(1.154)	81589	50.0000	62
57 Pyrene	202	10.031	10.031	(0.885)	812304	50.0000	43
\$ 78 Terphenyl-d14	244	10.190	10.190	(0.899)	564227	50.0000	42
59 Butylbenzylphthalate	149	10.702	10.702	(0.944)	400972	50.0000	46
109 2,3,7,8-TCDD (Screen)	320	10.808	10.808	(0.954)	1118	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	11.296	11.296	(0.997)	194337	50.0000	51
61 Benzo(a)anthracene	228	11.319	11.319	(0.999)	663090	50.0000	48
* 81 Chrysene-d12	240	11.331	11.331	(1.000)	443288	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.378	11.378	(1.004)	550424	50.0000	47
62 Chrysene	228	11.367	11.367	(1.003)	636277	50.0000	51
64 Di-n-octylphthalate	149	12.208	12.208	(0.926)	822343	50.0000	45
65 Benzo(b)fluoranthene	252	12.684	12.684	(0.962)	582929	50.0000	49
66 Benzo(k)fluoranthene	252	12.719	12.719	(0.964)	595327	50.0000	49
67 Benzo(a)pyrene	252	13.114	13.114	(0.994)	482836	50.0000	47
* 84 Perylene-d12	264	13.190	13.190	(1.000)	390160	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.637	14.637	(1.110)	488459	50.0000	54
69 Dibenz(a,h)anthracene	278	14.666	14.666	(1.112)	473430	50.0000	51
70 Benzo(g,h,i)perylene	276	15.019	15.019	(1.139)	475332	50.0000	52

QC Flag Legend

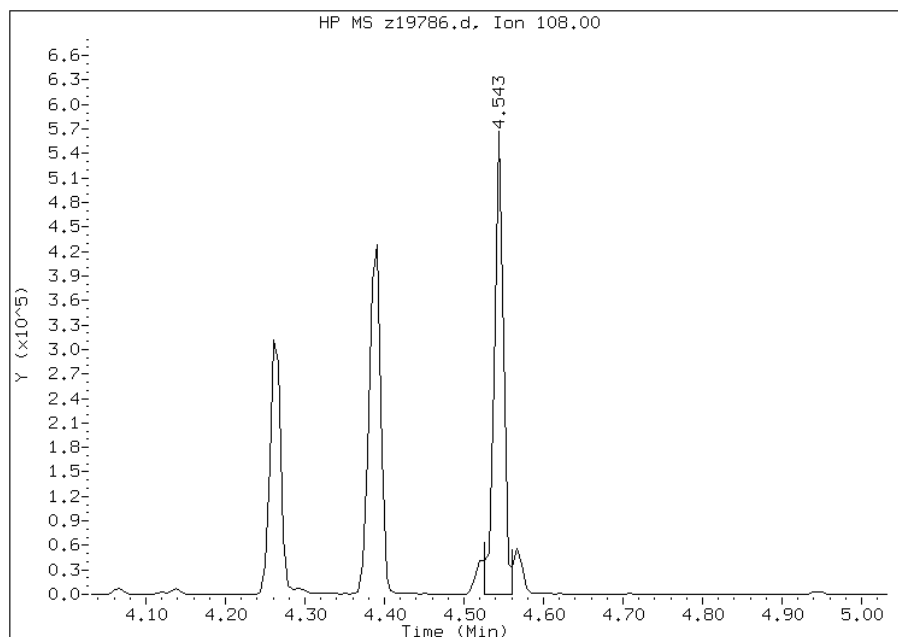
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: z19786.d
Inj. Date and Time: 13-SEP-2011 11:34
Instrument ID: BNAMS11.i
Client ID:
Compound: 121 3 & 4 Methylphenol
CAS #: 15831-10-4
Report Date: 09/15/2011

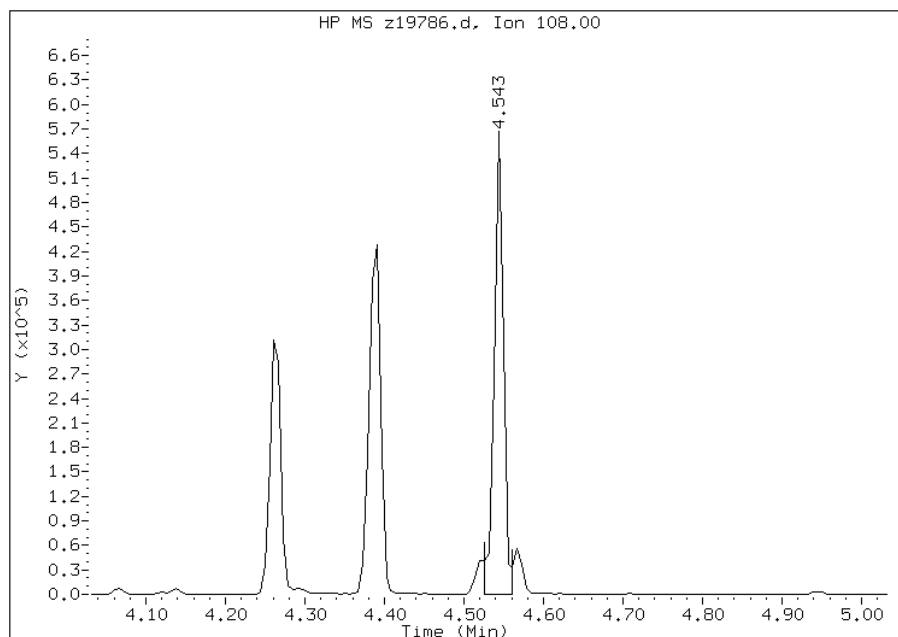
Processing Integration Results

RT: 4.54
Response: 392312
Amount: 50
Conc: 50



Manual Integration Results

RT: 4.54
Response: 457319
Amount: 49
Conc: 49



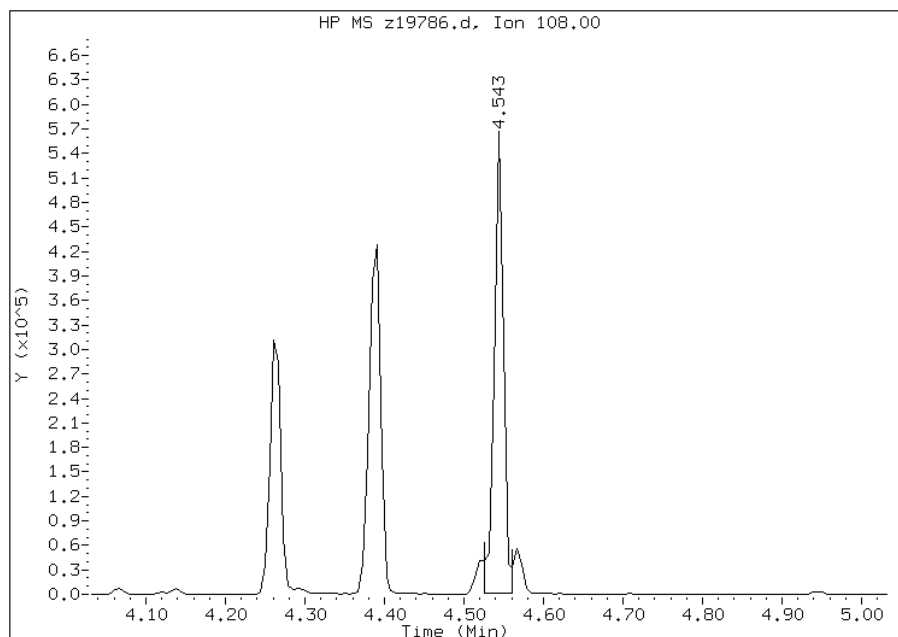
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: z19786.d
Inj. Date and Time: 13-SEP-2011 11:34
Instrument ID: BNAMS11.i
Client ID:
Compound: 4 4-Methylphenol
CAS #: 106-44-5
Report Date: 09/15/2011

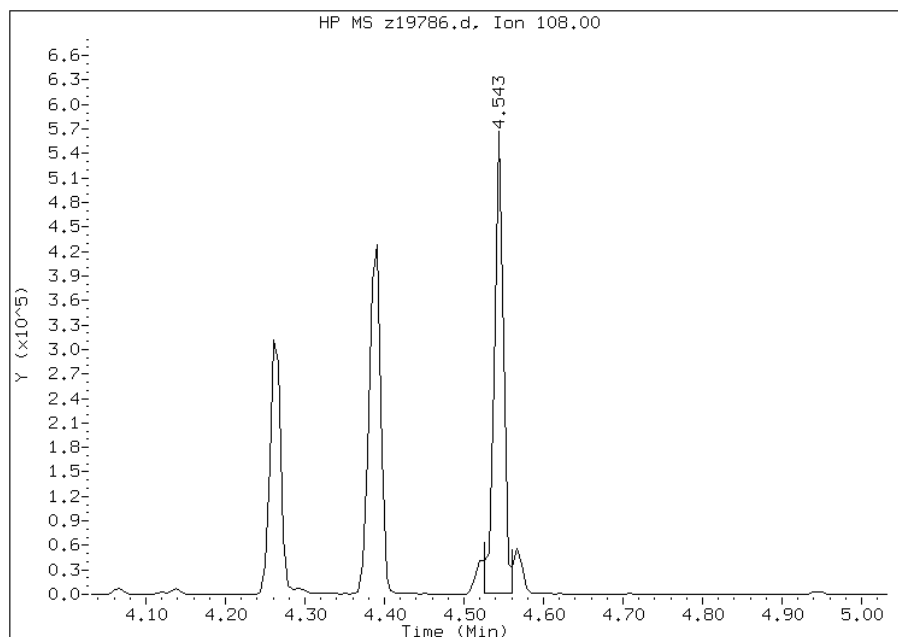
Processing Integration Results

RT: 4.54
Response: 392312
Amount: 50
Conc: 50



Manual Integration Results

RT: 4.54
Response: 457022
Amount: 49
Conc: 49



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19787.d
 Report Date: 13-Sep-2011 14:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19787.d
 Lab Smp Id: IC-1143620
 Inj Date : 13-SEP-2011 12:17
 Operator : BNAMS 4
 Smp Info : IC-1143620
 Misc Info : 120
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/8270Cdel_08.m
 Meth Date : 13-Sep-2011 14:16 monica
 Cal Date : 13-SEP-2011 11:34
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z19786.d

Calibration Sample, Level: 5

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.550	1.550	(0.375)	956114	120.000	120(AH)
19 N-Nitrosodimethylamine		74	1.808	1.808	(0.438)	1248933	120.000	120(H)
71 Pyridine		79	1.832	1.832	(0.443)	2203563	120.000	120(H)
\$ 16 2-Fluorophenol (SUR)		112	2.885	2.885	(0.698)	2016980	120.000	110
110 Benzaldehyde		77	3.691	3.691	(0.893)	94125	120.000	18
\$ 17 Phenol-d5 (SUR)		99	3.796	3.796	(0.919)	2255674	120.000	110
1 Phenol		94	3.814	3.814	(0.923)	2425602	120.000	110
73 Aniline		93	3.808	3.808	(0.922)	2679621	120.000	110
20 bis(2-Chloroethyl)ether		93	3.879	3.879	(0.939)	1986440	120.000	120
2 2-Chlorophenol		128	3.938	3.938	(0.953)	1889329	120.000	110
113 n-decane		43	3.985	3.985	(0.964)	1886599	120.000	100
21 1,3-Dichlorobenzene		146	4.079	4.079	(0.987)	2480146	120.000	120(A)
* 79 1,4-Dichlorobenzene-d4		152	4.132	4.132	(1.000)	495142	40.0000	
22 1,4-Dichlorobenzene		146	4.149	4.149	(1.004)	2511102	120.000	120(A)
74 Benzyl Alcohol		108	4.285	4.285	(1.037)	1125127	120.000	120(A)

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19787.d
 Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.302	4.302	(1.041)	2217392	120.000	120(A)
3 2-Methylphenol	108	4.408	4.408	(1.067)	1537142	120.000	120
24 bis (2-chloroisopropyl) ether	45	4.414	4.414	(1.068)	1891001	120.000	100
122 o-Toluidine	107	4.538	4.538	(1.098)	2031923	120.000	110
104 Acetophenone	105	4.555	4.555	(1.102)	2402072	120.000	120
4 4-Methylphenol	108	4.573	4.573	(1.107)	1734663	120.000	120(A)
121 3 & 4 Methylphenol	108	4.573	4.573	(1.107)	1734663	120.000	120(A)
25 N-Nitroso-di-n-propylamine	70	4.567	4.567	(1.105)	1168645	120.000	120(M)
26 Hexachloroethane	117	4.643	4.643	(1.124)	920182	120.000	120
\$ 76 Nitrobenzene-d5 (SUR)	82	4.702	4.702	(0.869)	1865479	120.000	120
107 N,N-Dimethylaniline	120	4.726	4.726	(1.144)	2748645	120.000	130(A)
27 Nitrobenzene	77	4.726	4.726	(0.873)	2558505	120.000	120
28 Isophorone	82	4.967	4.967	(0.917)	2617356	120.000	120
5 2-Nitrophenol	139	5.038	5.038	(0.930)	877256	120.000	120
6 2,4-Dimethylphenol	122	5.096	5.096	(0.941)	1341528	120.000	120
29 bis(2-Chloroethoxy)methane	93	5.185	5.185	(0.958)	1705476	120.000	120(A)
7 2,4-Dichlorophenol	162	5.290	5.290	(0.977)	1174445	120.000	120
30 1,2,4-Trichlorobenzene	180	5.361	5.361	(0.990)	1461026	120.000	120
* 80 Naphthalene-d8	136	5.414	5.414	(1.000)	1497321	40.0000	
31 Naphthalene	128	5.438	5.438	(1.004)	5126118	120.000	120(A)
32 4-Chloroaniline	127	5.502	5.502	(1.016)	1672730	120.000	120(A)
33 Hexachlorobutadiene	225	5.573	5.573	(1.029)	903997	120.000	120
111 Caprolactam	113	5.914	5.914	(1.092)	313834	120.000	120(H)
8 4-Chloro-3-methylphenol	107	6.014	6.014	(1.111)	1178108	120.000	120(A)
34 2-Methylnaphthalene	142	6.132	6.132	(1.133)	2968424	120.000	120(A)
120 1-Methylnaphthalene	142	6.232	6.232	(1.151)	3013760	120.000	120(A)
35 Hexachlorocyclopentadiene	237	6.302	6.302	(0.879)	818883	120.000	120
9 2,4,6-Trichlorophenol	196	6.426	6.426	(0.897)	762057	120.000	120(A)
10 2,4,5-Trichlorophenol	196	6.467	6.467	(0.902)	722445	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	6.502	6.502	(0.907)	2975022	120.000	120(A)
102 Diphenyl	154	6.602	6.602	(0.921)	3511845	120.000	120(A)
36 2-Chloronaphthalene	162	6.620	6.620	(0.924)	2450599	120.000	120
103 Diphenyl Ether	170	6.708	6.708	(0.936)	1741605	120.000	120(A)
37 2-Nitroaniline	65	6.726	6.726	(0.938)	668024	120.000	100
38 Dimethylphthalate	163	6.914	6.914	(0.965)	2366724	120.000	120(A)
114 Coumarin	146	6.932	6.932	(1.280)	762744	120.000	120(A)
40 2,6-Dinitrotoluene	165	6.973	6.973	(0.973)	537467	120.000	120(A)
39 Acenaphthylene	152	7.026	7.026	(0.980)	3732506	120.000	120
41 3-Nitroaniline	138	7.137	7.137	(0.996)	540592	120.000	120(A)
* 82 Acenaphthene-d10	164	7.167	7.167	(1.000)	651117	40.0000	
42 Acenaphthene	154	7.202	7.202	(1.005)	2369447	120.000	120(A)
11 2,4-Dinitrophenol	184	7.243	7.243	(1.011)	323320	120.000	140(A)
12 4-Nitrophenol	65	7.320	7.320	(1.021)	423335	120.000	120(A)
44 2,4-Dinitrotoluene	165	7.373	7.373	(1.029)	698820	120.000	130(A)
43 Dibenzofuran	168	7.373	7.373	(1.029)	3173995	120.000	120(A)
45 Diethylphthalate	149	7.614	7.614	(1.062)	2380623	120.000	120(A)
46 4-Chlorophenyl-phenylether	204	7.708	7.708	(1.075)	1174586	120.000	120(A)

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19787.d
Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.708	7.708	(1.075)	2616627	120.000	130(A)
48 4-Nitroaniline	138	7.749	7.749	(1.081)	484708	120.000	120
13 4,6-Dinitro-2-methylphenol	198	7.779	7.779	(0.902)	358231	120.000	130(A)
49 N-Nitrosodiphenylamine	169	7.832	7.832	(0.908)	1569160	120.000	120(A)
75 1,2-Diphenylhydrazine	77	7.867	7.867	(0.912)	2910658	120.000	130(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.949	7.949	(1.109)	376814	120.000	130(A)
50 4-Bromophenyl-phenylether	248	8.190	8.190	(0.950)	642816	120.000	120(A)
51 Hexachlorobenzene	284	8.261	8.261	(0.958)	688560	120.000	120(A)
112 Atrazine	200	8.367	8.367	(0.970)	522429	120.000	120
14 Pentachlorophenol	266	8.449	8.449	(0.980)	370706	120.000	140(A)
* 83 Phenanthrene-d10	188	8.626	8.626	(1.000)	819314	40.0000	
52 Phenanthrene	178	8.649	8.649	(1.003)	2958059	120.000	120(A)
53 Anthracene	178	8.702	8.702	(1.009)	3002959	120.000	120(A)
54 Carbazole	167	8.861	8.861	(1.027)	2322633	120.000	120(A)
55 Di-n-butylphthalate	149	9.208	9.208	(1.067)	3363199	120.000	120(A)
56 Fluoranthene	202	9.820	9.820	(1.138)	2403211	120.000	120
58 Benzidine	184	9.943	9.943	(1.153)	77577	120.000	43
57 Pyrene	202	10.037	10.037	(0.885)	2304851	120.000	130(A)
\$ 78 Terphenyl-d14	244	10.196	10.196	(0.899)	1627828	120.000	130(A)
59 Butylbenzylphthalate	149	10.708	10.708	(0.944)	1012533	120.000	130(A)
60 3,3'-Dichlorobenzidine	252	11.302	11.302	(0.997)	351558	120.000	100(A)
61 Benzo(a)anthracene	228	11.325	11.325	(0.999)	1481269	120.000	120
* 81 Chrysene-d12	240	11.337	11.337	(1.000)	412274	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.378	11.378	(1.004)	1417953	120.000	130(A)
62 Chrysene	228	11.372	11.372	(1.003)	1426808	120.000	120(A)
64 Di-n-octylphthalate	149	12.208	12.208	(0.926)	1842194	120.000	130(A)
65 Benzo(b)fluoranthene	252	12.690	12.690	(0.962)	1117914	120.000	120(A)
66 Benzo(k)fluoranthene	252	12.725	12.725	(0.965)	1144367	120.000	120(A)
67 Benzo(a)pyrene	252	13.119	13.119	(0.995)	895590	120.000	110
* 84 Perylene-d12	264	13.190	13.190	(1.000)	303532	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.643	14.643	(1.110)	879157	120.000	120(A)
69 Dibenz(a,h)anthracene	278	14.672	14.672	(1.112)	849484	120.000	120
70 Benzo(g,h,i)perylene	276	15.031	15.031	(1.140)	857258	120.000	120(A)

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: z19787.d

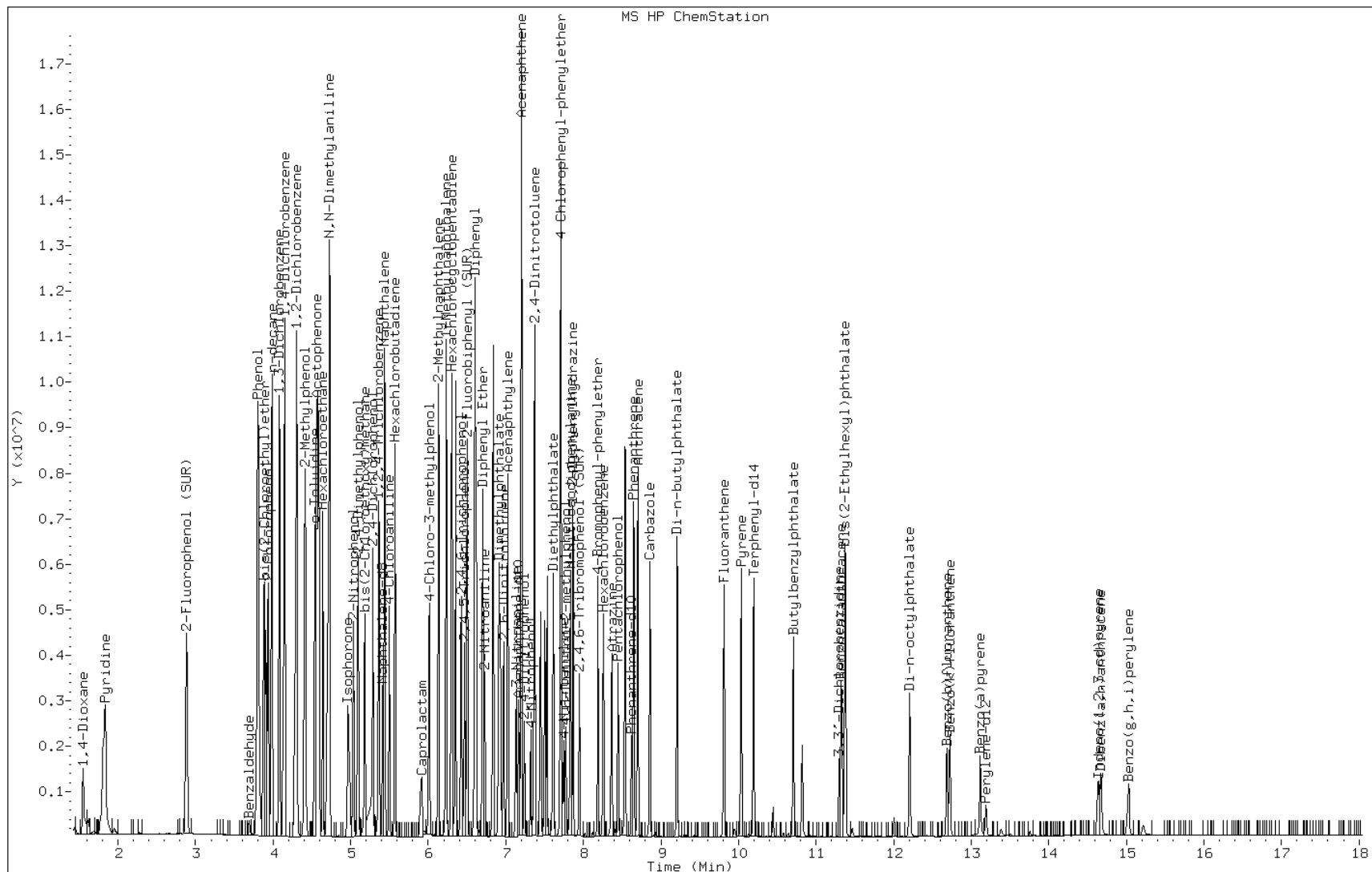
Date: 13-SEP-2011 12:17

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1143620

Operator: BNAMS 4

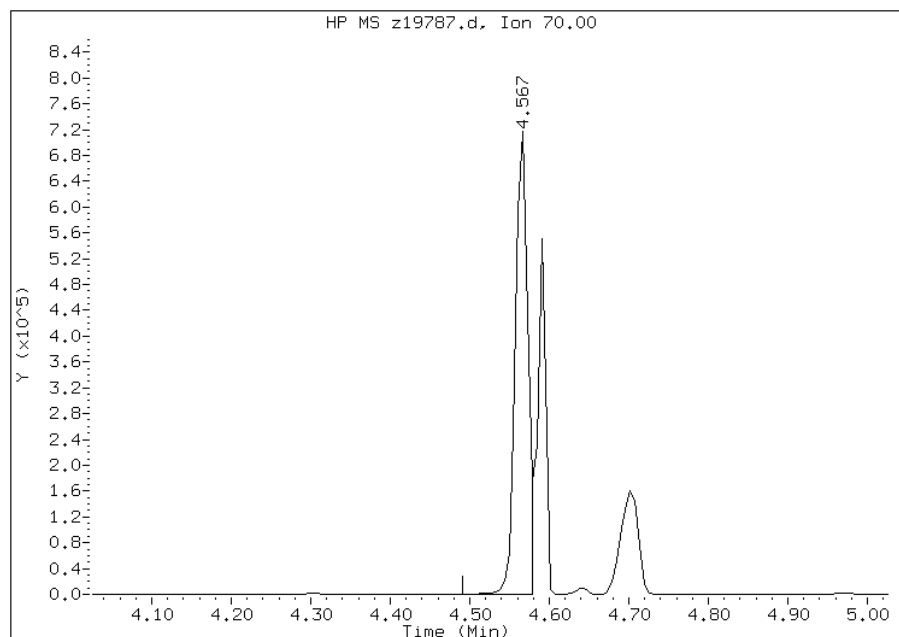


Manual Integration Report

Data File: z19787.d
Inj. Date and Time: 13-SEP-2011 12:17
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/15/2011

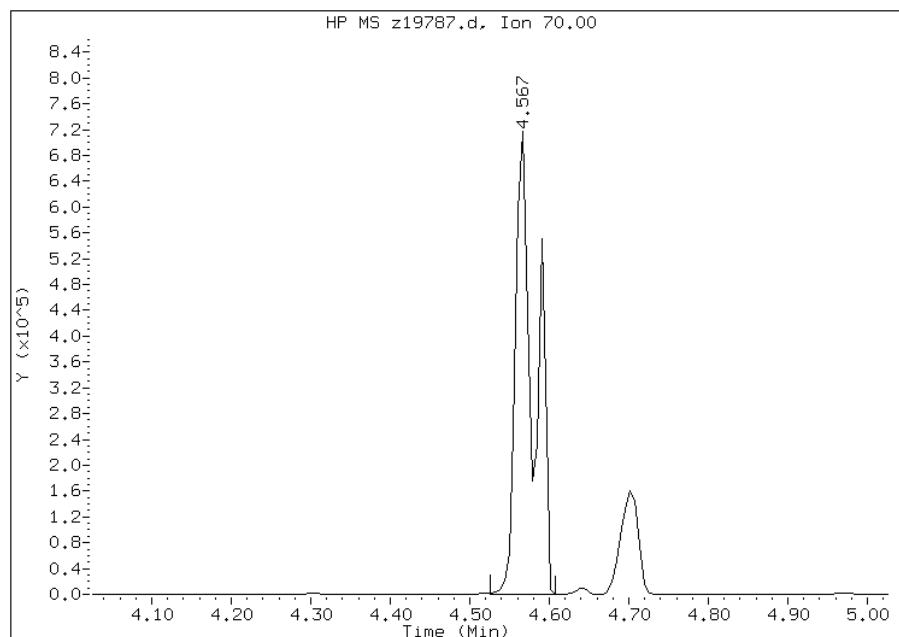
Processing Integration Results

RT: 4.57
Response: 802160
Amount: 86
Conc: 86



Manual Integration Results

RT: 4.57
Response: 1168645
Amount: 116
Conc: 116



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19789.d
 Report Date: 13-Sep-2011 14:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19789.d
 Lab Smp Id: IC-1143619
 Inj Date : 13-SEP-2011 13:07
 Operator : BNAMS 4
 Smp Info : IC-1143619
 Misc Info : 80
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/8270Cdel_08.m
 Meth Date : 13-Sep-2011 14:16 monica
 Cal Date : 13-SEP-2011 11:34
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD
 Cal File: z19786.d
 Calibration Sample, Level: 4
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON -COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.514	1.514	(0.367)	678501	80.0000	90	
19 N-Nitrosodimethylamine	74	1.738	1.738	(0.421)	867427	80.0000	87	
71 Pyridine	79	1.761	1.761	(0.427)	1525180	80.0000	84	
\$ 16 2-Fluorophenol (SUR)	112	2.855	2.855	(0.692)	1341968	80.0000	76	
110 Benzaldehyde	77	3.685	3.685	(0.893)	205585	80.0000	42	
\$ 17 Phenol-d5 (SUR)	99	3.785	3.785	(0.917)	1406343	80.0000	74	
1 Phenol	94	3.797	3.797	(0.920)	1543004	80.0000	74	
73 Aniline	93	3.797	3.797	(0.920)	1743094	80.0000	77	
20 bis(2-Chloroethyl)ether	93	3.867	3.867	(0.937)	1281495	80.0000	80	
2 2-Chlorophenol	128	3.926	3.926	(0.952)	1233971	80.0000	74	
113 n-decane	43	3.979	3.979	(0.964)	1285555	80.0000	75	
21 1,3-Dichlorobenzene	146	4.073	4.073	(0.987)	1537646	80.0000	79	
* 79 1,4-Dichlorobenzene-d4	152	4.126	4.126	(1.000)	474335	40.0000		
22 1,4-Dichlorobenzene	146	4.144	4.144	(1.004)	1567147	80.0000	81	
74 Benzyl Alcohol	108	4.279	4.279	(1.037)	712485	80.0000	80	

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19789.d
Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.296	4.296	(1.041)	1408381	80.0000	80
3 2-Methylphenol	108	4.402	4.402	(1.067)	967934	80.0000	76
24 bis (2-chloroisopropyl) ether	45	4.408	4.408	(1.068)	1310203	80.0000	74
122 o-Toluidine	107	4.532	4.532	(1.098)	1319239	80.0000	76
104 Acetophenone	105	4.544	4.544	(1.101)	1546159	80.0000	78
4 4-Methylphenol	108	4.561	4.561	(1.105)	1004777	80.0000	74(H)
121 3 & 4 Methylphenol	108	4.561	4.561	(1.105)	1004777	80.0000	74(H)
25 N-Nitroso-di-n-propylamine	70	4.555	4.555	(1.104)	767891	80.0000	80(M)
26 Hexachloroethane	117	4.638	4.638	(1.124)	592539	80.0000	79
\$ 76 Nitrobenzene-d5 (SUR)	82	4.691	4.691	(0.866)	1203512	80.0000	78
107 N,N-Dimethylaniline	120	4.720	4.720	(1.144)	1718740	80.0000	83
27 Nitrobenzene	77	4.720	4.720	(0.872)	1633738	80.0000	78
28 Isophorone	82	4.955	4.955	(0.915)	1677377	80.0000	78
5 2-Nitrophenol	139	5.032	5.032	(0.929)	554344	80.0000	79
6 2,4-Dimethylphenol	122	5.091	5.091	(0.940)	835692	80.0000	76
29 bis(2-Chloroethoxy)methane	93	5.179	5.179	(0.957)	1071635	80.0000	79
7 2,4-Dichlorophenol	162	5.279	5.279	(0.975)	721478	80.0000	76
30 1,2,4-Trichlorobenzene	180	5.361	5.361	(0.990)	930200	80.0000	79
* 80 Naphthalene-d8	136	5.414	5.414	(1.000)	1439356	40.0000	
31 Naphthalene	128	5.438	5.438	(1.004)	3183748	80.0000	81
32 4-Chloroaniline	127	5.496	5.496	(1.015)	1047950	80.0000	79
33 Hexachlorobutadiene	225	5.567	5.567	(1.028)	583769	80.0000	79
111 Caprolactam	113	5.885	5.885	(1.087)	201120	80.0000	78(H)
8 4-Chloro-3-methylphenol	107	6.002	6.002	(1.109)	742116	80.0000	80
34 2-Methylnaphthalene	142	6.132	6.132	(1.133)	1859275	80.0000	82
120 1-Methylnaphthalene	142	6.226	6.226	(1.150)	1865698	80.0000	81
35 Hexachlorocyclopentadiene	237	6.296	6.296	(0.879)	512815	80.0000	78
9 2,4,6-Trichlorophenol	196	6.420	6.420	(0.896)	465447	80.0000	77
10 2,4,5-Trichlorophenol	196	6.461	6.461	(0.902)	453566	80.0000	76
\$ 77 2-Fluorobiphenyl (SUR)	172	6.502	6.502	(0.908)	1859412	80.0000	78
102 Diphenyl	154	6.596	6.596	(0.921)	2169455	80.0000	79
36 2-Chloronaphthalene	162	6.614	6.614	(0.924)	1528991	80.0000	78
103 Diphenyl Ether	170	6.702	6.702	(0.936)	1078051	80.0000	78
37 2-Nitroaniline	65	6.720	6.720	(0.938)	436479	80.0000	69
38 Dimethylphthalate	163	6.908	6.908	(0.965)	1487483	80.0000	80
114 Coumarin	146	6.926	6.926	(1.279)	484949	80.0000	83
40 2,6-Dinitrotoluene	165	6.967	6.967	(0.973)	338589	80.0000	81
39 Acenaphthylene	152	7.026	7.026	(0.981)	2312134	80.0000	78
41 3-Nitroaniline	138	7.132	7.132	(0.996)	343757	80.0000	80
* 82 Acenaphthene-d10	164	7.161	7.161	(1.000)	623210	40.0000	
42 Acenaphthene	154	7.196	7.196	(1.005)	1512295	80.0000	82
11 2,4-Dinitrophenol	184	7.232	7.232	(1.010)	191287	80.0000	87
12 4-Nitrophenol	65	7.314	7.314	(1.021)	266768	80.0000	80
44 2,4-Dinitrotoluene	165	7.367	7.367	(1.029)	439184	80.0000	84
43 Dibenzofuran	168	7.367	7.367	(1.029)	1974279	80.0000	81
45 Diethylphthalate	149	7.608	7.608	(1.062)	1527902	80.0000	82
46 4-Chlorophenyl-phenylether	204	7.708	7.708	(1.076)	736868	80.0000	82

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19789.d
 Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.702	7.702	(1.076)	1634659	80.0000	83
48 4-Nitroaniline	138	7.737	7.737	(1.080)	314471	80.0000	81
13 4,6-Dinitro-2-methylphenol	198	7.767	7.767	(0.901)	224608	80.0000	84
49 N-Nitrosodiphenylamine	169	7.826	7.826	(0.908)	989114	80.0000	81
75 1,2-Diphenylhydrazine	77	7.861	7.861	(0.912)	1813493	80.0000	82
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.943	7.943	(1.109)	219483	80.0000	79
50 4-Bromophenyl-phenylether	248	8.184	8.184	(0.950)	400974	80.0000	81
51 Hexachlorobenzene	284	8.255	8.255	(0.958)	441499	80.0000	80
112 Atrazine	200	8.361	8.361	(0.970)	333346	80.0000	79
14 Pentachlorophenol	266	8.443	8.443	(0.980)	229739	80.0000	88
* 83 Phenanthrene-d10	188	8.620	8.620	(1.000)	791838	40.0000	
52 Phenanthrene	178	8.643	8.643	(1.003)	1838162	80.0000	80
53 Anthracene	178	8.696	8.696	(1.009)	1878627	80.0000	81
54 Carbazole	167	8.855	8.855	(1.027)	1497350	80.0000	81
55 Di-n-butylphthalate	149	9.208	9.208	(1.068)	2152986	80.0000	82
56 Fluoranthene	202	9.814	9.814	(1.139)	1586557	80.0000	81
58 Benzidine	184	9.937	9.937	(1.153)	77655	80.0000	45
57 Pyrene	202	10.031	10.031	(0.885)	1548135	80.0000	81
\$ 78 Terphenyl-d14	244	10.190	10.190	(0.899)	1102543	80.0000	82
59 Butylbenzylphthalate	149	10.702	10.702	(0.944)	710129	80.0000	82
60 3,3'-Dichlorobenzidine	252	11.296	11.296	(0.997)	265550	80.0000	70
61 Benzo(a)anthracene	228	11.320	11.320	(0.999)	1064399	80.0000	76
* 81 Chrysene-d12	240	11.331	11.331	(1.000)	447366	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.373	11.373	(1.004)	1004284	80.0000	85
62 Chrysene	228	11.367	11.367	(1.003)	1001392	80.0000	80
64 Di-n-octylphthalate	149	12.202	12.202	(0.925)	1350398	80.0000	89
65 Benzo(b)fluoranthene	252	12.684	12.684	(0.962)	803457	80.0000	83
66 Benzo(k)fluoranthene	252	12.719	12.719	(0.965)	788791	80.0000	79
67 Benzo(a)pyrene	252	13.114	13.114	(0.995)	621602	80.0000	74
* 84 Perylene-d12	264	13.184	13.184	(1.000)	321138	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.631	14.631	(1.110)	577887	80.0000	78
69 Dibenz(a,h)anthracene	278	14.666	14.666	(1.112)	582041	80.0000	77
70 Benzo(g,h,i)perylene	276	15.019	15.019	(1.139)	568457	80.0000	76

QC Flag Legend

M - Compound response manually integrated.
 H - Operator selected an alternate compound hit.

Data File: z19789.d

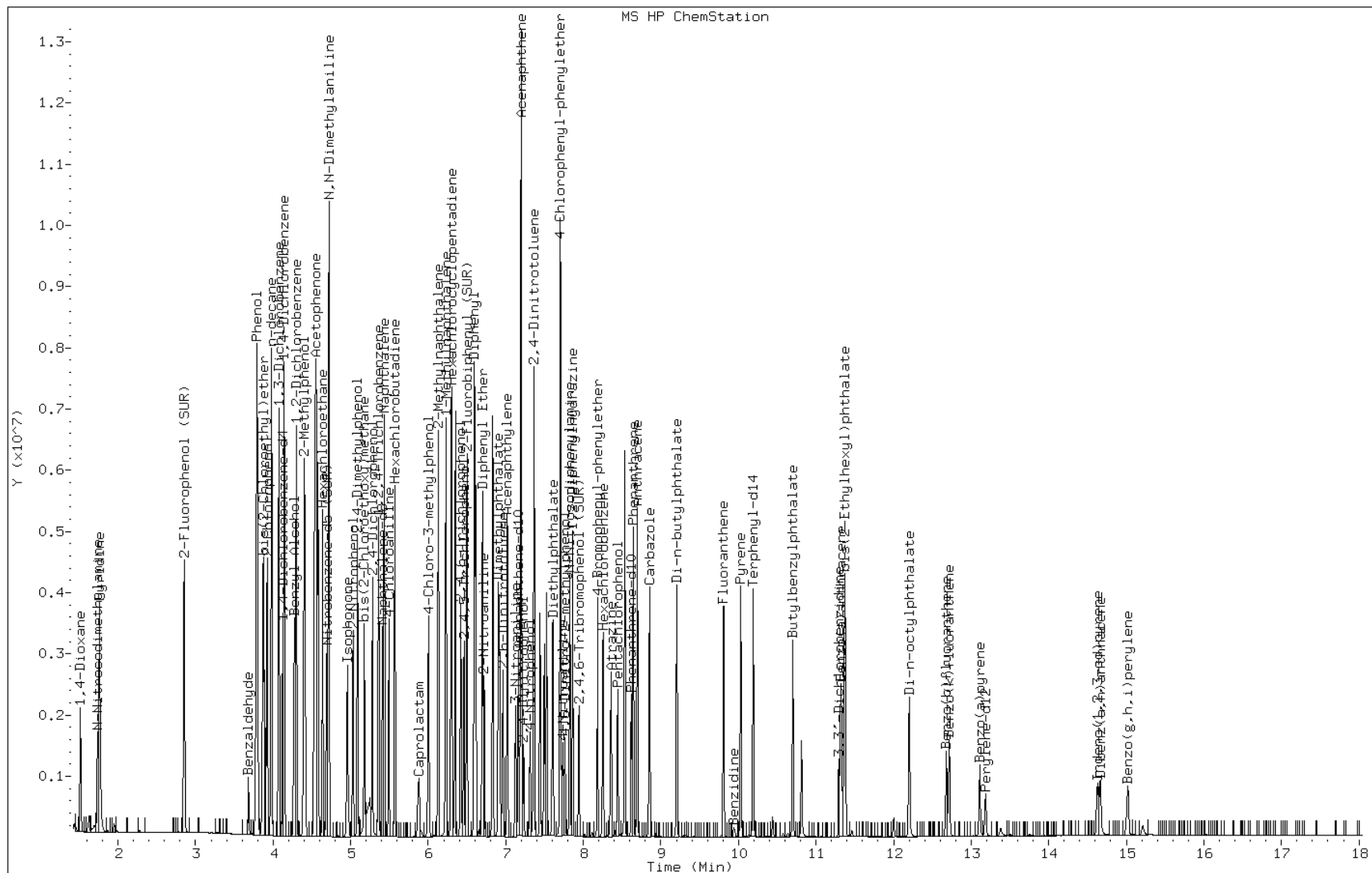
Date: 13-SEP-2011 13:07

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1143619

Operator: BNAMS 4

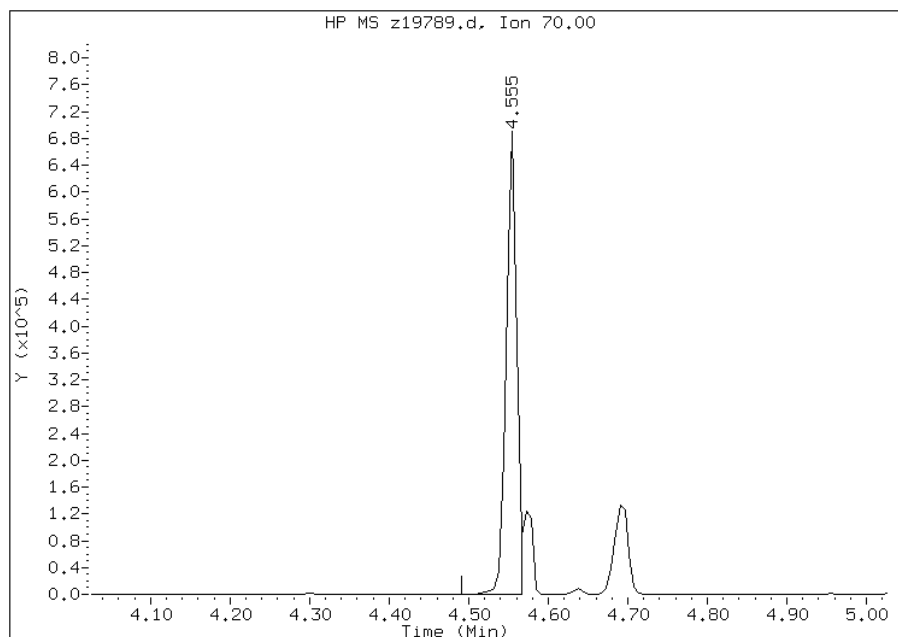


Manual Integration Report

Data File: z19789.d
Inj. Date and Time: 13-SEP-2011 13:07
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/15/2011

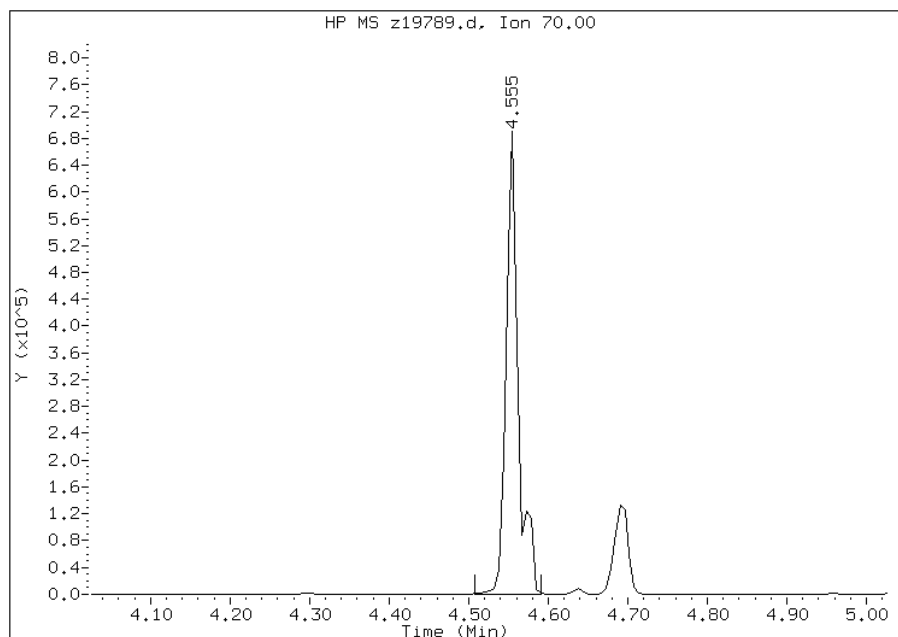
Processing Integration Results

RT: 4.56
Response: 680049
Amount: 71
Conc: 71



Manual Integration Results

RT: 4.56
Response: 767891
Amount: 80
Conc: 80



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19790.d
 Report Date: 13-Sep-2011 14:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19790.d
 Lab Smp Id: IC-1143617
 Inj Date : 13-SEP-2011 13:32
 Operator : BNAMS 4
 Smp Info : IC-1143617
 Misc Info : 20
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/8270Cdel_08.m
 Meth Date : 13-Sep-2011 14:16 monica
 Cal Date : 13-SEP-2011 11:34
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z19786.d

Calibration Sample, Level: 2

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.497	1.497	(0.363)	163929	20.0000	20
19 N-Nitrosodimethylamine		74	1.708	1.708	(0.415)	227491	20.0000	20(H)
71 Pyridine		79	1.744	1.744	(0.423)	420274	20.0000	21
\$ 16 2-Fluorophenol (SUR)		112	2.838	2.838	(0.689)	438099	20.0000	22
110 Benzaldehyde		77	3.673	3.673	(0.891)	132275	20.0000	24
\$ 17 Phenol-d5 (SUR)		99	3.761	3.761	(0.913)	441743	20.0000	21(H)
1 Phenol		94	3.773	3.773	(0.916)	466463	20.0000	20
73 Aniline		93	3.785	3.785	(0.919)	504406	20.0000	20
20 bis(2-Chloroethyl)ether		93	3.855	3.855	(0.936)	345242	20.0000	20
2 2-Chlorophenol		128	3.908	3.908	(0.949)	384197	20.0000	21
113 n-decane		43	3.973	3.973	(0.964)	400380	20.0000	21
21 1,3-Dichlorobenzene		146	4.067	4.067	(0.987)	418415	20.0000	19
* 79 1,4-Dichlorobenzene-d4		152	4.120	4.120	(1.000)	524323	40.0000	
22 1,4-Dichlorobenzene		146	4.138	4.138	(1.004)	407006	20.0000	19
74 Benzyl Alcohol		108	4.261	4.261	(1.034)	178661	20.0000	18

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19790.d
 Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.291	4.291	(1.041)	370159	20.0000	19
3 2-Methylphenol	108	4.385	4.385	(1.064)	266478	20.0000	19
24 bis (2-chloroisopropyl) ether	45	4.402	4.402	(1.069)	390136	20.0000	20
122 o-Toluidine	107	4.520	4.520	(1.097)	406673	20.0000	21
104 Acetophenone	105	4.532	4.532	(1.100)	414424	20.0000	19
4 4-Methylphenol	108	4.538	4.538	(1.101)	276003	20.0000	18(H)
121 3 & 4 Methylphenol	108	4.538	4.538	(1.101)	276003	20.0000	18(H)
25 N-Nitroso-di-n-propylamine	70	4.532	4.532	(1.100)	196711	20.0000	18
26 Hexachloroethane	117	4.632	4.632	(1.124)	163180	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.679	4.679	(0.865)	345597	20.0000	21
107 N,N-Dimethylaniline	120	4.708	4.708	(1.143)	451346	20.0000	20
27 Nitrobenzene	77	4.702	4.702	(0.869)	453144	20.0000	20
28 Isophorone	82	4.938	4.938	(0.913)	454826	20.0000	19
5 2-Nitrophenol	139	5.020	5.020	(0.928)	151184	20.0000	20
6 2,4-Dimethylphenol	122	5.079	5.079	(0.939)	234795	20.0000	20
29 bis(2-Chloroethoxy)methane	93	5.167	5.167	(0.955)	280972	20.0000	19
7 2,4-Dichlorophenol	162	5.267	5.267	(0.974)	205164	20.0000	20
30 1,2,4-Trichlorobenzene	180	5.355	5.355	(0.990)	249315	20.0000	20
* 80 Naphthalene-d8	136	5.408	5.408	(1.000)	1559584	40.0000	
31 Naphthalene	128	5.426	5.426	(1.003)	814516	20.0000	19
32 4-Chloroaniline	127	5.485	5.485	(1.014)	278598	20.0000	19
33 Hexachlorobutadiene	225	5.567	5.567	(1.029)	158060	20.0000	20
111 Caprolactam	113	5.820	5.820	(1.076)	48799	20.0000	18(H)
8 4-Chloro-3-methylphenol	107	5.991	5.991	(1.108)	182563	20.0000	18
34 2-Methylnaphthalene	142	6.126	6.126	(1.133)	457757	20.0000	19
120 1-Methylnaphthalene	142	6.220	6.220	(1.150)	473018	20.0000	19
35 Hexachlorocyclopentadiene	237	6.291	6.291	(0.878)	132600	20.0000	21
9 2,4,6-Trichlorophenol	196	6.414	6.414	(0.896)	113540	20.0000	20
10 2,4,5-Trichlorophenol	196	6.449	6.449	(0.901)	113467	20.0000	20
\$ 77 2-Fluorobiphenyl (SUR)	172	6.496	6.496	(0.907)	461743	20.0000	21
102 Diphenyl	154	6.591	6.591	(0.920)	523219	20.0000	20
36 2-Chloronaphthalene	162	6.608	6.608	(0.923)	368770	20.0000	20
103 Diphenyl Ether	170	6.696	6.696	(0.935)	258071	20.0000	20
37 2-Nitroaniline	65	6.708	6.708	(0.937)	127648	20.0000	22
38 Dimethylphthalate	163	6.896	6.896	(0.963)	326509	20.0000	19
114 Coumarin	146	6.908	6.908	(1.277)	109868	20.0000	17
40 2,6-Dinitrotoluene	165	6.949	6.949	(0.970)	72953	20.0000	18
39 Acenaphthylene	152	7.014	7.014	(0.979)	540243	20.0000	19
41 3-Nitroaniline	138	7.114	7.114	(0.993)	73718	20.0000	18
* 82 Acenaphthene-d10	164	7.161	7.161	(1.000)	584557	40.0000	
42 Acenaphthene	154	7.190	7.190	(1.004)	329101	20.0000	19
11 2,4-Dinitrophenol	184	7.220	7.220	(1.008)	52756	30.0000	26
12 4-Nitrophenol	65	7.296	7.296	(1.019)	82863	30.0000	26
44 2,4-Dinitrotoluene	165	7.349	7.349	(1.026)	86782	20.0000	18
43 Dibenzofuran	168	7.361	7.361	(1.028)	427833	20.0000	19
45 Diethylphthalate	149	7.596	7.596	(1.061)	315951	20.0000	18
46 4-Chlorophenyl-phenylether	204	7.702	7.702	(1.076)	154459	20.0000	18

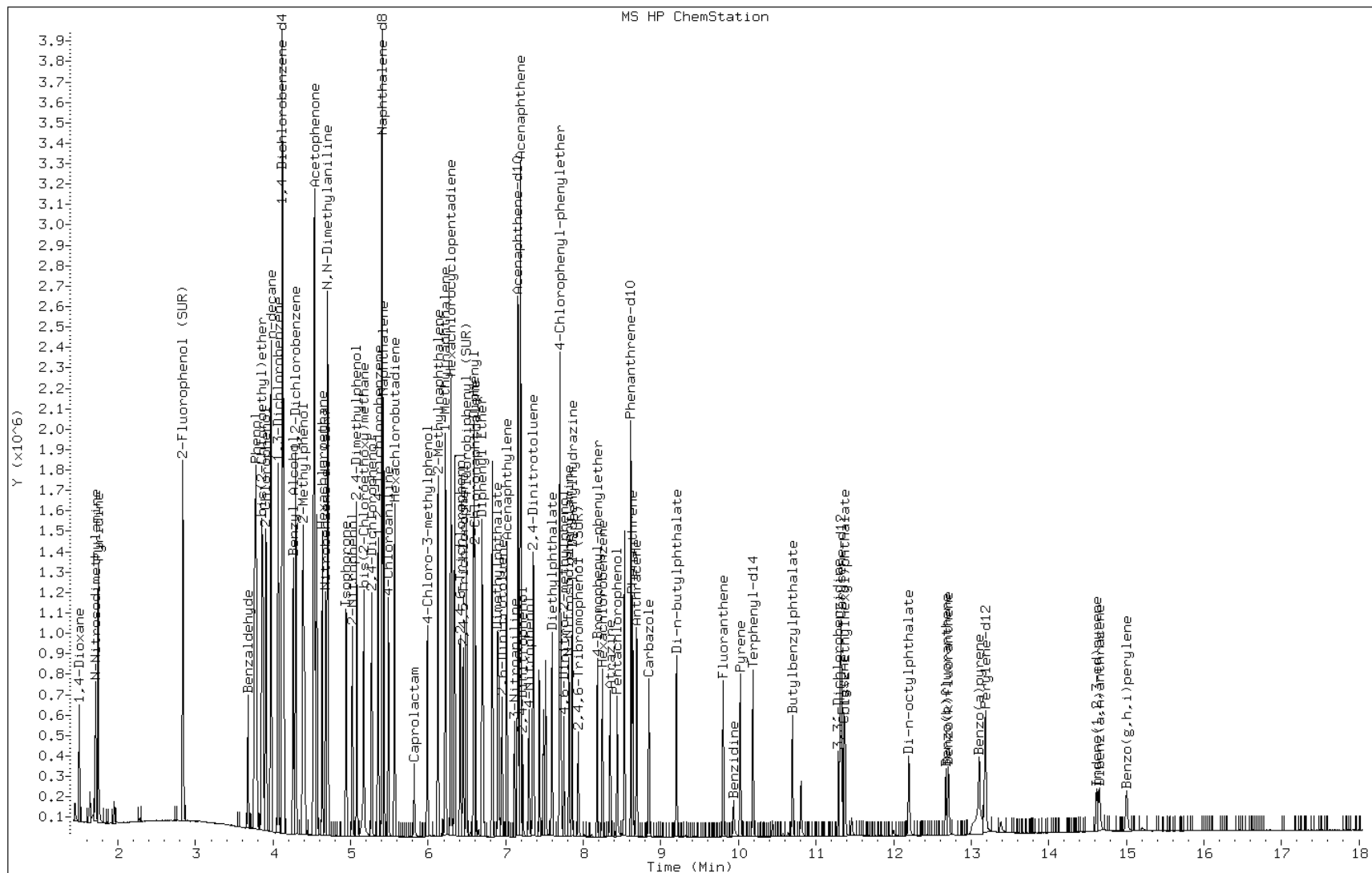
Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19790.d
Report Date: 13-Sep-2011 14:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.696	7.696	(1.075)	336458	20.0000	18
48 4-Nitroaniline	138	7.714	7.714	(1.077)	64481	20.0000	18
13 4,6-Dinitro-2-methylphenol	198	7.749	7.749	(0.900)	63770	30.0000	28
49 N-Nitrosodiphenylamine	169	7.814	7.814	(0.907)	194447	20.0000	19
75 1,2-Diphenylhydrazine	77	7.855	7.855	(0.912)	393069	20.0000	21
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.932	7.932	(1.108)	48382	20.0000	18
50 4-Bromophenyl-phenylether	248	8.179	8.179	(0.949)	83921	20.0000	20
51 Hexachlorobenzene	284	8.243	8.243	(0.957)	92526	20.0000	20
112 Atrazine	200	8.343	8.343	(0.969)	70837	20.0000	20
14 Pentachlorophenol	266	8.437	8.437	(0.980)	60111	30.0000	27
* 83 Phenanthrene-d10	188	8.614	8.614	(1.000)	673427	40.0000	
52 Phenanthrene	178	8.637	8.637	(1.003)	374444	20.0000	19
53 Anthracene	178	8.684	8.684	(1.008)	378278	20.0000	19
54 Carbazole	167	8.849	8.849	(1.027)	289065	20.0000	18
55 Di-n-butylphthalate	149	9.202	9.202	(1.068)	407319	20.0000	18
56 Fluoranthene	202	9.802	9.802	(1.138)	296091	20.0000	18
58 Benzidine	184	9.937	9.937	(1.154)	78371	30.0000	53
57 Pyrene	202	10.026	10.026	(0.885)	285154	20.0000	19
\$ 78 Terphenyl-d14	244	10.184	10.184	(0.899)	209739	20.0000	20
59 Butylbenzylphthalate	149	10.696	10.696	(0.944)	127074	20.0000	19
60 3,3'-Dichlorobenzidine	252	11.290	11.290	(0.997)	93840	30.0000	32
61 Benzo(a)anthracene	228	11.314	11.314	(0.999)	199654	20.0000	19
* 81 Chrysene-d12	240	11.326	11.326	(1.000)	342326	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.373	11.373	(1.004)	168853	20.0000	19
62 Chrysene	228	11.355	11.355	(1.003)	188019	20.0000	20
64 Di-n-octylphthalate	149	12.196	12.196	(0.925)	247539	20.0000	18
65 Benzo(b)fluoranthene	252	12.672	12.672	(0.961)	159792	20.0000	18
66 Benzo(k)fluoranthene	252	12.708	12.708	(0.964)	175277	20.0000	20
67 Benzo(a)pyrene	252	13.102	13.102	(0.994)	139067	20.0000	18
* 84 Perylene-d12	264	13.184	13.184	(1.000)	286446	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.619	14.619	(1.109)	135843	20.0000	20
69 Dibenz(a,h)anthracene	278	14.655	14.655	(1.112)	129675	20.0000	19
70 Benzo(g,h,i)perylene	276	15.008	15.008	(1.138)	138045	20.0000	21

QC Flag Legend

H - Operator selected an alternate compound hit.

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19792.d
 Report Date: 13-Sep-2011 14:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19792.d
 Lab Smp Id: IC-1143607
 Inj Date : 13-SEP-2011 14:23
 Operator : BNAMS 4
 Smp Info : IC-1143607
 Misc Info : 5
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/8270Cdel_08.m
 Meth Date : 13-Sep-2011 14:52 monica
 Cal Date : 13-SEP-2011 11:34
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i
 Quant Type: ISTD
 Cal File: z19786.d
 Calibration Sample, Level: 1
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.485	1.485 (0.360)		32250	5.00000	5.6
19 N-Nitrosodimethylamine		74	1.703	1.703 (0.413)		40570	5.00000	5.4
71 Pyridine		79	1.738	1.738 (0.422)		75220	5.00000	5.5
\$ 16 2-Fluorophenol (SUR)		112	2.838	2.838 (0.689)		72237	5.00000	5.5
110 Benzaldehyde		77	3.673	3.673 (0.892)		47006	5.00000	13
\$ 17 Phenol-d5 (SUR)		99	3.750	3.750 (0.910)		75564	5.00000	5.5
1 Phenol		94	3.767	3.767 (0.914)		88648	5.00000	5.8
73 Aniline		93	3.785	3.785 (0.919)		87378	5.00000	5.3
20 bis(2-Chloroethyl)ether		93	3.850	3.850 (0.934)		6393	0.50000	0.54
2 2-Chlorophenol		128	3.908	3.908 (0.949)		72000	5.00000	5.8
113 n-decane		43	3.967	3.967 (0.963)		74692	5.00000	5.8
21 1,3-Dichlorobenzene		146	4.061	4.061 (0.986)		72715	5.00000	5.1
* 79 1,4-Dichlorobenzene-d4		152	4.120	4.120 (1.000)		348533	40.0000	
22 1,4-Dichlorobenzene		146	4.138	4.138 (1.004)		72616	5.00000	5.1
74 Benzyl Alcohol		108	4.255	4.255 (1.033)		32779	5.00000	5.1

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19792.d
Report Date: 13-Sep-2011 14:52

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.291	4.291	(1.041)	66641	5.00000	5.2
3 2-Methylphenol	108	4.379	4.379	(1.063)	52048	5.00000	5.6
24 bis (2-chloroisopropyl) ether	45	4.397	4.397	(1.067)	76640	5.00000	5.9
122 o-Toluidine	107	4.514	4.514	(1.096)	67525	5.00000	5.3
104 Acetophenone	105	4.520	4.520	(1.097)	76016	5.00000	5.3
4 4-Methylphenol	108	4.532	4.532	(1.100)	55866	5.00000	5.6
121 3 & 4 Methylphenol	108	4.532	4.532	(1.100)	55866	5.00000	5.6
25 N-Nitroso-di-n-propylamine	70	4.526	4.526	(1.099)	3577	0.50000	0.51
26 Hexachloroethane	117	4.632	4.632	(1.124)	3290	0.50000	0.58
\$ 76 Nitrobenzene-d5 (SUR)	82	4.673	4.673	(0.865)	60535	5.00000	5.2
107 N,N-Dimethylaniline	120	4.702	4.702	(1.141)	6494	0.50000	0.43(a)
27 Nitrobenzene	77	4.697	4.697	(0.869)	8598	0.50000	0.54
28 Isophorone	82	4.938	4.938	(0.914)	84655	5.00000	5.2
5 2-Nitrophenol	139	5.020	5.020	(0.929)	27766	5.00000	5.2
6 2,4-Dimethylphenol	122	5.073	5.073	(0.939)	45634	5.00000	5.5
29 bis(2-Chloroethoxy)methane	93	5.167	5.167	(0.956)	51065	5.00000	5.0
7 2,4-Dichlorophenol	162	5.267	5.267	(0.975)	39080	5.00000	5.4
30 1,2,4-Trichlorobenzene	180	5.349	5.349	(0.990)	4293	0.50000	0.49(a)
* 80 Naphthalene-d8	136	5.402	5.402	(1.000)	1085574	40.0000	
31 Naphthalene	128	5.426	5.426	(1.004)	145125	5.00000	4.9(a)
32 4-Chloroaniline	127	5.485	5.485	(1.015)	49648	5.00000	5.0
33 Hexachlorobutadiene	225	5.567	5.567	(1.030)	5823	1.00000	1.0
111 Caprolactam	113	5.796	5.796	(1.073)	10069	5.00000	5.1
8 4-Chloro-3-methylphenol	107	5.985	5.985	(1.108)	38071	5.00000	5.4
34 2-Methylnaphthalene	142	6.120	6.120	(1.133)	83774	5.00000	4.9(a)
120 1-Methylnaphthalene	142	6.220	6.220	(1.151)	83061	5.00000	4.8(a)
35 Hexachlorocyclopentadiene	237	6.291	6.291	(0.879)	19380	5.00000	4.2(a)
9 2,4,6-Trichlorophenol	196	6.408	6.408	(0.896)	20316	5.00000	4.8(a)
10 2,4,5-Trichlorophenol	196	6.444	6.444	(0.901)	21680	5.00000	5.1
\$ 77 2-Fluorobiphenyl (SUR)	172	6.491	6.491	(0.907)	81804	5.00000	4.9(a)
102 Diphenyl	154	6.591	6.591	(0.921)	99703	5.00000	5.1
36 2-Chloronaphthalene	162	6.602	6.602	(0.923)	71610	5.00000	5.1
103 Diphenyl Ether	170	6.696	6.696	(0.936)	49276	5.00000	5.0
37 2-Nitroaniline	65	6.708	6.708	(0.938)	46891	10.0000	10
38 Dimethylphthalate	163	6.896	6.896	(0.964)	68919	5.00000	5.2
114 Coumarin	146	6.908	6.908	(1.279)	22430	5.00000	5.0
40 2,6-Dinitrotoluene	165	6.949	6.949	(0.971)	2810	1.00000	0.95(a)
39 Acenaphthylene	152	7.014	7.014	(0.980)	108609	5.00000	5.1
41 3-Nitroaniline	138	7.114	7.114	(0.994)	32060	10.0000	10
* 82 Acenaphthene-d10	164	7.155	7.155	(1.000)	443659	40.0000	
42 Acenaphthene	154	7.185	7.185	(1.004)	63462	5.00000	4.8(a)
11 2,4-Dinitrophenol	184	7.220	7.220	(1.009)	15716	15.0000	10(a)
12 4-Nitrophenol	65	7.290	7.290	(1.019)	35748	15.0000	15
44 2,4-Dinitrotoluene	165	7.349	7.349	(1.027)	3573	1.00000	0.94(a)
43 Dibenzofuran	168	7.355	7.355	(1.028)	87372	5.00000	5.0
45 Diethylphthalate	149	7.590	7.590	(1.061)	68849	5.00000	5.1
46 4-Chlorophenyl-phenylether	204	7.696	7.696	(1.076)	31550	5.00000	4.9(a)

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19792.d
 Report Date: 13-Sep-2011 14:52

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.696	7.696	(1.076)	69138	5.00000	4.9(a)
48 4-Nitroaniline	138	7.714	7.714	(1.078)	28542	10.0000	10
13 4,6-Dinitro-2-methylphenol	198	7.749	7.749	(0.900)	25806	15.0000	13(a)
49 N-Nitrosodiphenylamine	169	7.814	7.814	(0.907)	45985	5.00000	5.1
75 1,2-Diphenylhydrazine	77	7.849	7.849	(0.911)	69532	5.00000	4.3(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.932	7.932	(1.109)	9240	5.00000	4.6(a)
50 4-Bromophenyl-phenylether	248	8.179	8.179	(0.949)	18010	5.00000	4.9(a)
51 Hexachlorobenzene	284	8.243	8.243	(0.957)	2125	0.50000	0.52
112 Atrazine	200	8.343	8.343	(0.969)	16016	5.00000	5.1
14 Pentachlorophenol	266	8.437	8.437	(0.980)	18994	15.0000	10(a)
* 83 Phenanthrene-d10	188	8.614	8.614	(1.000)	587494	40.0000	
52 Phenanthrene	178	8.637	8.637	(1.003)	84788	5.00000	5.0
53 Anthracene	178	8.685	8.685	(1.008)	82758	5.00000	4.8(a)
54 Carbazole	167	8.843	8.843	(1.027)	71147	5.00000	5.1
55 Di-n-butylphthalate	149	9.202	9.202	(1.068)	96195	5.00000	4.9(a)
56 Fluoranthene	202	9.802	9.802	(1.138)	76149	5.00000	5.2
58 Benzidine	184	9.937	9.937	(1.154)	25840	10.0000	17
57 Pyrene	202	10.026	10.026	(0.885)	75156	5.00000	4.5(a)
\$ 78 Terphenyl-d14	244	10.184	10.184	(0.899)	53580	5.00000	4.5(a)
59 Butylbenzylphthalate	149	10.696	10.696	(0.944)	34947	5.00000	4.5(a)
60 3,3'-Dichlorobenzidine	252	11.290	11.290	(0.997)	43501	10.0000	12
61 Benzo(a)anthracene	228	11.314	11.314	(0.999)	7853	0.50000	0.61
* 81 Chrysene-d12	240	11.326	11.326	(1.000)	409428	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.373	11.373	(1.004)	48475	5.00000	4.6(a)
62 Chrysene	228	11.355	11.355	(1.003)	58349	5.00000	5.0
64 Di-n-octylphthalate	149	12.196	12.196	(0.925)	73314	5.00000	4.3(a)
65 Benzo(b)fluoranthene	252	12.673	12.673	(0.961)	5503	0.50000	0.49(a)
66 Benzo(k)fluoranthene	252	12.708	12.708	(0.964)	5451	0.50000	0.48(a)
67 Benzo(a)pyrene	252	13.102	13.102	(0.994)	4943	0.50000	0.53
* 84 Perylene-d12	264	13.184	13.184	(1.000)	376359	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.614	14.614	(1.108)	4598	0.50000	0.51
69 Dibenz(a,h)anthracene	278	14.649	14.649	(1.111)	4311	0.50000	0.49(a)
70 Benzo(g,h,i)perylene	276	15.002	15.002	(1.138)	45467	5.00000	5.1

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87212/2 Calibration Date: 09/21/2011 12:48

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z10046.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6659	0.6463	0.0500	48500	50000	-3.0	25.0
N-Nitrosodimethylamine	Ave	0.8651	0.8275	0.0500	47800	50000	-4.3	25.0
Pyridine	Ave	1.574	1.511	0.0500	48000	50000	-4.0	25.0
Benzaldehyde	Ave	0.4148	0.3809	0.0500	45900	50000	-8.2	25.0
Aniline	Ave	1.890	1.959	0.0500	51800	50000	3.7	25.0
Phenol	Ave	1.741	1.684	0.0500	48400	50000	-3.3	25.0
Bis(2-chloroethyl)ether	Ave	1.356	1.315	0.0500	48500	50000	-3.0	25.0
2-Chlorophenol	Ave	1.410	1.368	0.0500	48500	50000	-3.0	25.0
n-Decane	Ave	1.471	1.288	0.0500	43800	50000	-12.4	25.0
1,3-Dichlorobenzene	Ave	1.638	1.649	0.0500	50400	50000	0.7	25.0
1,4-Dichlorobenzene	Ave	1.639	1.678	0.0500	51200	50000	2.4	25.0
Benzyl alcohol	Ave	0.7420	0.7640	0.0500	51500	50000	3.0	25.0
1,2-Dichlorobenzene	Ave	1.484	1.533	0.0500	51700	50000	3.3	25.0
2-Methylphenol	Ave	1.065	1.117	0.0500	52400	50000	4.8	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.493	1.411	0.0500	47200	50000	-5.5	25.0
o-Toluidine	Ave	1.457	1.491	0.0500	51200	50000	2.3	25.0
Acetophenone	Ave	1.646	1.722	0.0500	52300	50000	4.6	25.0
N-Nitrosodi-n-propylamine	Ave	0.8008	0.8417	0.0500	52600	50000	5.1	25.0
3 & 4 Methylphenol	Ave	1.139	1.259	0.0500	55300	50000	10.5	25.0
4-Methylphenol	Ave	1.139	1.259	0.0500	55300	50000	10.5	25.0
Hexachloroethane	Ave	0.6541	0.6453	0.0500	49300	50000	-1.4	25.0
Nitrobenzene	Ave	0.5881	0.5739	0.0500	48800	50000	-2.4	25.0
n,n'-Dimethylaniline	Ave	1.743	2.050	0.0500	58800	50000	17.6	25.0
Isophorone	Ave	0.6013	0.6131	0.0500	51000	50000	2.0	25.0
2-Nitrophenol	Ave	0.1969	0.1998	0.0500	50700	50000	1.5	25.0
2,4-Dimethylphenol	Ave	0.3064	0.3084	0.0500	50300	50000	0.6	25.0
Bis(2-chloroethoxy)methane	Ave	0.3745	0.3833	0.0500	51200	50000	2.4	25.0
2,4-Dichlorophenol	Ave	0.2654	0.2663	0.0500	50200	50000	0.3	25.0
1,2,4-Trichlorobenzene	Ave	0.3219	0.3246	0.0500	50400	50000	0.9	25.0
Naphthalene	Ave	1.091	1.124	0.0500	51500	50000	3.1	25.0
4-Chloroaniline	Ave	0.3686	0.3949	0.0500	53600	50000	7.1	25.0
Hexachlorobutadiene	Ave	0.2052	0.2037	0.0500	49600	50000	-0.7	25.0
Caprolactam	Ave	0.0725	0.0782	0.0500	53900	50000	7.8	25.0
4-Chloro-3-methylphenol	Ave	0.2604	0.2671	0.0500	51300	50000	2.6	25.0
2-Methylnaphthalene	Ave	0.6298	0.6673	0.0500	53000	50000	6.0	25.0
1-Methylnaphthalene	Ave	0.6375	0.6676	0.0500	52400	50000	4.7	25.0
Hexachlorocyclopentadiene	Ave	0.4117	0.3869	0.0500	47000	50000	-6.0	25.0
2,4,6-Trichlorophenol	Ave	0.3814	0.3700	0.0500	48500	50000	-3.0	25.0
2,4,5-Trichlorophenol	Ave	0.3799	0.3761	0.0500	49500	50000	-1.0	25.0
1,1'-Biphenyl	Ave	1.773	1.732	0.0500	48800	50000	-2.3	25.0
2-Chloronaphthalene	Ave	1.262	1.246	0.0500	49400	50000	-1.2	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87212/2 Calibration Date: 09/21/2011 12:48

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z10046.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8856	0.8734	0.0500	49300	50000	-1.4	25.0
2-Nitroaniline	Ave	0.4071	0.3625	0.0500	44500	50000	-10.9	25.0
Dimethyl phthalate	Ave	1.204	1.200	0.0500	49800	50000	-0.3	25.0
Coumarin	Ave	0.1646	0.1763	0.0500	53600	50000	7.1	25.0
2,6-Dinitrotoluene	Ave	0.2667	0.2746	0.0500	51500	50000	3.0	25.0
Acenaphthylene	Ave	1.904	1.927	0.0500	50600	50000	1.2	25.0
3-Nitroaniline	Ave	0.2794	0.2806	0.0500	50200	50000	0.4	25.0
Acenaphthene	Ave	1.180	1.191	0.0500	50500	50000	0.9	25.0
2,4-Dinitrophenol	Ave	0.1396	0.1474	0.0500	52800	50000	5.6	25.0
4-Nitrophenol	Ave	0.2170	0.2119	0.0500	48800	50000	-2.3	25.0
2,4-Dinitrotoluene	Ave	0.3412	0.3428	0.0500	50200	50000	0.5	25.0
Dibenzofuran	Ave	1.574	1.571	0.0500	49900	50000	-0.2	25.0
Diethyl phthalate	Ave	1.210	1.198	0.0500	49500	50000	-1.0	25.0
Fluorene	Ave	1.273	1.279	0.0500	50200	50000	0.5	25.0
4-Chlorophenyl phenyl ether	Ave	0.5757	0.5750	0.0500	49900	50000	-0.1	25.0
4-Nitroaniline	Ave	0.2553	0.2291	0.0500	44900	50000	-10.2	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1350	0.1431	0.0500	53000	50000	6.1	25.0
N-Nitrosodiphenylamine	Ave	0.6105	0.6030	0.0500	49400	50000	-1.2	25.0
1,2-Diphenylhydrazine	Ave	1.109	1.181	0.0500	53300	50000	6.6	25.0
4-Bromophenyl phenyl ether	Ave	0.2506	0.2539	0.0500	50700	50000	1.3	25.0
Hexachlorobenzene	Ave	0.2776	0.2782	0.0500	50100	50000	0.2	25.0
Atrazine	Ave	0.2139	0.2055	0.0500	48000	50000	-3.9	25.0
Pentachlorophenol	Ave	0.1275	0.1362	0.0500	53400	50000	6.8	25.0
Phenanthrene	Ave	1.160	1.174	0.0500	50600	50000	1.1	25.0
Anthracene	Ave	1.171	1.202	0.0500	51300	50000	2.6	25.0
Carbazole	Ave	0.9424	0.9323	0.0500	49500	50000	-1.1	25.0
Di-n-butyl phthalate	Ave	1.327	1.302	0.0500	49100	50000	-1.9	25.0
Fluoranthene	Ave	0.999	0.9933	0.0500	49700	50000	-0.6	25.0
Benzidine	Ave	0.1041	0.0988	0.0500	47400	50000	-5.1	25.0
Pyrene	Ave	1.639	1.699	0.0500	51800	50000	3.7	25.0
Butyl benzyl phthalate	Ave	0.7522	0.7614	0.0500	50600	50000	1.2	25.0
2,3,7,8-TCDD	Ave	0.2018	0.2016	0.0500	500	500	-0.0	25.0
3,3'-Dichlorobenzidine	Ave	0.3444	0.3350	0.0500	48600	50000	-2.7	25.0
Benzo[a]anthracene	Ave	1.257	1.198	0.0500	47700	50000	-4.7	25.0
Chrysene	Ave	1.132	1.151	0.0500	50900	50000	1.7	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.039	1.024	0.0500	49300	50000	-1.4	25.0
Di-n-octyl phthalate	Ave	1.820	1.841	0.0500	50600	50000	1.2	25.0
Benzo[b]fluoranthene	Ave	1.192	1.187	0.0500	49800	50000	-0.5	25.0
Benzo[k]fluoranthene	Ave	1.218	1.336	0.0500	54900	50000	9.8	25.0
Benzo[a]pyrene	Ave	0.9926	1.004	0.0500	50600	50000	1.2	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.9585	0.9344	0.0500	48700	50000	-2.5	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-87212/2 Calibration Date: 09/21/2011 12:48
 Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/13/2011 14:23
 Lab File ID: z10046.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.9263	0.9279	0.0500	50100	50000	0.2	25.0
Benzo[g,h,i]perylene	Ave	0.9463	0.9331	0.0500	49300	50000	-1.4	25.0
2-Fluorophenol (Surr)	Ave	1.497	1.367	0.0500	45600	50000	-8.7	25.0
Phenol-d5 (Surr)	Ave	1.585	1.552	0.0500	48900	50000	-2.1	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4320	0.4154	0.0500	48100	50000	-3.8	25.0
2-Fluorobiphenyl	Ave	1.515	1.479	0.0500	48800	50000	-2.4	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1796	0.1785	0.0500	49700	50000	-0.6	25.0
Terphenyl-d14 (Surr)	Ave	1.168	1.199	0.0500	51300	50000	2.7	25.0

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10046.d
 Report Date: 21-Sep-2011 13:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10046.d
 Lab Smp Id: CCVIS-1143618
 Inj Date : 21-SEP-2011 12:48
 Operator : BNAMS 4
 Smp Info : CCVIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica
 Cal Date : 21-SEP-2011 12:48
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10046.d

Continuing Calibration Sample

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.296	1.296 (0.335)		289797	50.0000	48
19 N-Nitrosodimethylamine		74	1.508	1.508 (0.390)		371072	50.0000	48
71 Pyridine		79	1.531	1.531 (0.396)		677702	50.0000	48
\$ 16 2-Fluorophenol (SUR)		112	2.602	2.602 (0.673)		612995	50.0000	46
110 Benzaldehyde		77	3.419	3.419 (0.884)		170793	50.0000	46
\$ 17 Phenol-d5 (SUR)		99	3.531	3.531 (0.913)		695885	50.0000	49
1 Phenol		94	3.543	3.543 (0.916)		755133	50.0000	48
73 Aniline		93	3.537	3.537 (0.915)		878682	50.0000	52
20 bis(2-Chloroethyl)ether		93	3.613	3.613 (0.935)		589685	50.0000	48
2 2-Chlorophenol		128	3.660	3.660 (0.947)		613500	50.0000	48
113 n-decane		43	3.725	3.725 (0.963)		577430	50.0000	44
21 1,3-Dichlorobenzene		146	3.813	3.813 (0.986)		739651	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.866	3.866 (1.000)		358743	40.0000	
22 1,4-Dichlorobenzene		146	3.884	3.884 (1.005)		752302	50.0000	51
74 Benzyl Alcohol		108	4.025	4.025 (1.041)		342602	50.0000	51

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10046.d
Report Date: 21-Sep-2011 13:09

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	687639	50.0000	52
3 2-Methylphenol	108	4.154	4.154	(1.075)	500676	50.0000	52
24 bis (2-chloroisopropyl) ether	45	4.160	4.160	(1.076)	632579	50.0000	47
122 o-Toluidine	107	4.278	4.278	(1.106)	668488	50.0000	51(H)
104 Acetophenone	105	4.290	4.290	(1.110)	772028	50.0000	52
4 4-Methylphenol	108	4.313	4.313	(1.116)	564397	50.0000	55
121 3 & 4 Methylphenol	108	4.313	4.313	(1.116)	564397	50.0000	55
25 N-Nitroso-di-n-propylamine	70	4.301	4.301	(1.113)	377445	50.0000	52
26 Hexachloroethane	117	4.378	4.378	(1.132)	289362	50.0000	49
\$ 76 Nitrobenzene-d5 (SUR)	82	4.437	4.437	(0.860)	625195	50.0000	48
107 N,N-Dimethylaniline	120	4.466	4.466	(1.155)	919269	50.0000	59
27 Nitrobenzene	77	4.460	4.460	(0.864)	863828	50.0000	49
28 Isophorone	82	4.701	4.701	(0.911)	922746	50.0000	51
5 2-Nitrophenol	139	4.778	4.778	(0.926)	300737	50.0000	51
6 2,4-Dimethylphenol	122	4.848	4.848	(0.940)	464123	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.931	4.931	(0.956)	576964	50.0000	51
7 2,4-Dichlorophenol	162	5.031	5.031	(0.975)	400745	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.107	5.107	(0.990)	488569	50.0000	50
* 80 Naphthalene-d8	136	5.160	5.160	(1.000)	1204073	40.0000	
31 Naphthalene	128	5.178	5.178	(1.003)	1692359	50.0000	52
32 4-Chloroaniline	127	5.248	5.248	(1.017)	594297	50.0000	54
33 Hexachlorobutadiene	225	5.319	5.319	(1.031)	306639	50.0000	50
111 Caprolactam	113	5.619	5.619	(1.089)	117656	50.0000	54
8 4-Chloro-3-methylphenol	107	5.766	5.766	(1.117)	402070	50.0000	51
34 2-Methylnaphthalene	142	5.878	5.878	(1.139)	1004380	50.0000	53
120 1-Methylnaphthalene	142	5.972	5.972	(1.157)	1004796	50.0000	52
35 Hexachlorocyclopentadiene	237	6.048	6.048	(0.876)	258201	50.0000	47
9 2,4,6-Trichlorophenol	196	6.172	6.172	(0.894)	246926	50.0000	48
10 2,4,5-Trichlorophenol	196	6.213	6.213	(0.900)	250985	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.254	6.254	(0.905)	987248	50.0000	49
102 Diphenyl	154	6.348	6.348	(0.919)	1155618	50.0000	49
36 2-Chloronaphthalene	162	6.360	6.360	(0.921)	831731	50.0000	49
103 Diphenyl Ether	170	6.454	6.454	(0.934)	582791	50.0000	49
37 2-Nitroaniline	65	6.472	6.472	(0.937)	241920	50.0000	44
38 Dimethylphthalate	163	6.666	6.666	(0.965)	800604	50.0000	50
114 Coumarin	146	6.672	6.672	(1.293)	265371	50.0000	54
40 2,6-Dinitrotoluene	165	6.719	6.719	(0.973)	183215	50.0000	51
39 Acenaphthylene	152	6.766	6.766	(0.980)	1285759	50.0000	50
41 3-Nitroaniline	138	6.878	6.878	(0.996)	187220	50.0000	50
* 82 Acenaphthene-d10	164	6.907	6.907	(1.000)	533845	40.0000	
42 Acenaphthene	154	6.942	6.942	(1.005)	794645	50.0000	50
11 2,4-Dinitrophenol	184	6.984	6.984	(1.011)	98368	50.0000	53
12 4-Nitrophenol	65	7.072	7.072	(1.024)	141398	50.0000	49
44 2,4-Dinitrotoluene	165	7.113	7.113	(1.030)	228755	50.0000	50
43 Dibenzofuran	168	7.113	7.113	(1.030)	1048562	50.0000	50
45 Diethylphthalate	149	7.360	7.360	(1.066)	799321	50.0000	49
46 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.079)	383722	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10046.d
Report Date: 21-Sep-2011 13:09

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.448	7.448	(1.078)	853747	50.0000	50
48 4-Nitroaniline	138	7.478	7.478	(1.083)	152888	50.0000	45
13 4,6-Dinitro-2-methylphenol	198	7.513	7.513	(0.899)	120269	50.0000	53
49 N-Nitrosodiphenylamine	169	7.572	7.572	(0.906)	506625	50.0000	49
75 1,2-Diphenylhydrazine	77	7.607	7.607	(0.910)	992570	50.0000	53
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.684	7.684	(1.112)	119118	50.0000	50
50 4-Bromophenyl-phenylether	248	7.931	7.931	(0.949)	213342	50.0000	51
51 Hexachlorobenzene	284	7.989	7.989	(0.956)	233753	50.0000	50
112 Atrazine	200	8.107	8.107	(0.970)	172634	50.0000	48
14 Pentachlorophenol	266	8.189	8.189	(0.980)	114421	50.0000	53
* 83 Phenanthrene-d10	188	8.360	8.360	(1.000)	672194	40.0000	
52 Phenanthrene	178	8.384	8.384	(1.003)	986111	50.0000	50
53 Anthracene	178	8.431	8.431	(1.008)	1009643	50.0000	51
54 Carbazole	167	8.595	8.595	(1.028)	783316	50.0000	49
55 Di-n-butylphthalate	149	8.954	8.954	(1.071)	1094324	50.0000	49
56 Fluoranthene	202	9.542	9.542	(1.141)	834600	50.0000	50
58 Benzidine	184	9.678	9.678	(1.158)	82988	50.0000	47
57 Pyrene	202	9.760	9.760	(0.886)	794749	50.0000	52
\$ 78 Terphenyl-d14	244	9.925	9.925	(0.901)	560942	50.0000	51
59 Butylbenzylphthalate	149	10.425	10.425	(0.947)	356144	50.0000	51
109 2,3,7,8-TCDD (Screen)	320	10.513	10.513	(0.955)	943	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	10.983	10.983	(0.997)	156692	50.0000	49
61 Benzo(a)anthracene	228	11.001	11.001	(0.999)	560516	50.0000	48
* 81 Chrysene-d12	240	11.013	11.013	(1.000)	374196	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.078	11.078	(1.006)	479195	50.0000	49
62 Chrysene	228	11.042	11.042	(1.003)	538518	50.0000	51
64 Di-n-octylphthalate	149	11.872	11.872	(0.927)	637803	50.0000	50
65 Benzo(b)fluoranthene	252	12.307	12.307	(0.961)	411131	50.0000	50
66 Benzo(k)fluoranthene	252	12.348	12.348	(0.965)	463063	50.0000	55
67 Benzo(a)pyrene	252	12.724	12.724	(0.994)	347973	50.0000	50
* 84 Perylene-d12	264	12.801	12.801	(1.000)	277207	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.183	14.183	(1.108)	323793	50.0000	49
69 Dibenz(a,h)anthracene	278	14.218	14.218	(1.111)	321529	50.0000	50
70 Benzo(g,h,i)perylene	276	14.536	14.536	(1.136)	323335	50.0000	49

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z10046.d

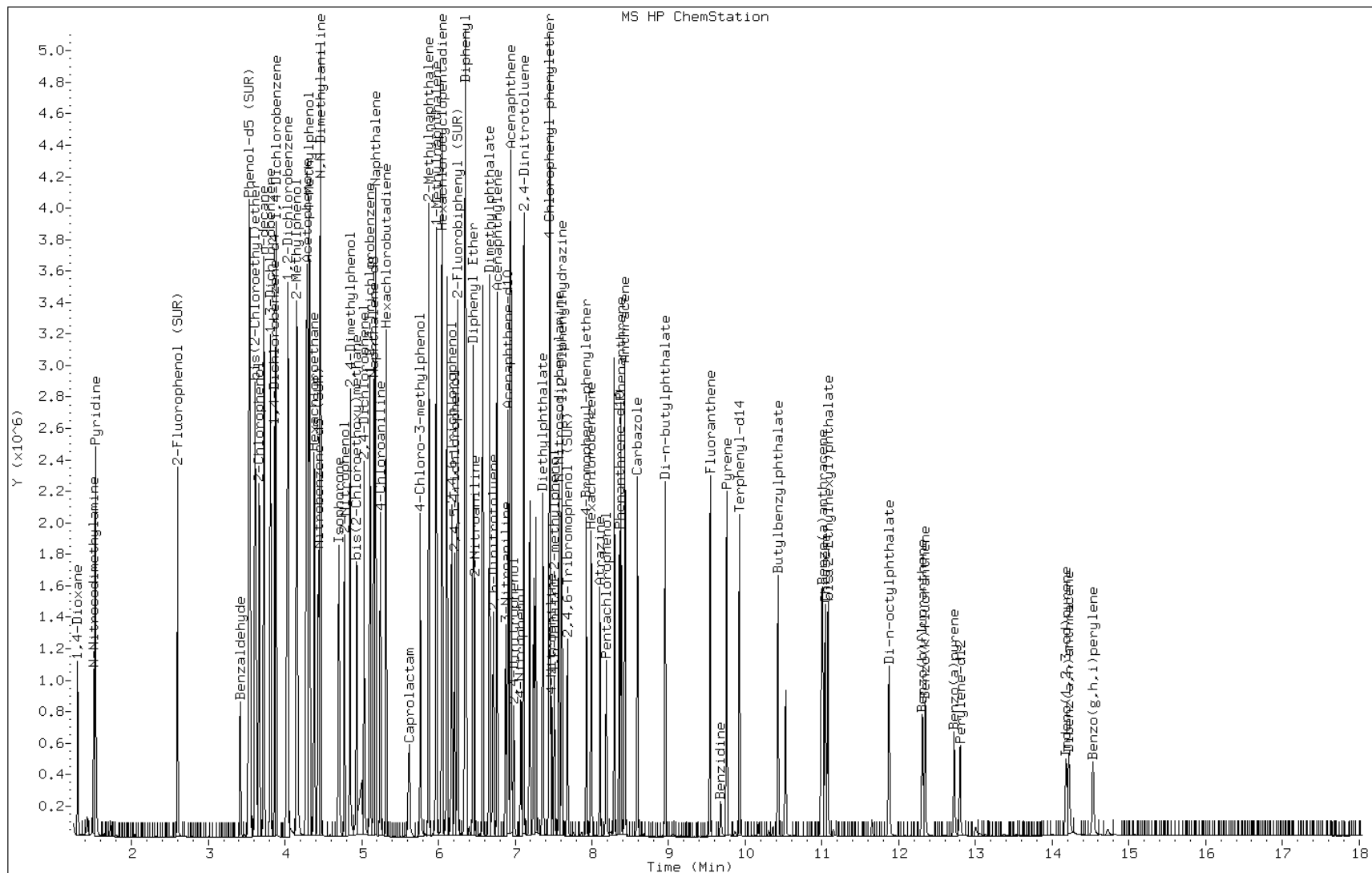
Date: 21-SEP-2011 12:48

Client ID:

Instrument: BNAMS11.i

Sample Info: CCVIS-1143618

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCV 460-87213/1 Calibration Date: 09/21/2011 16:17

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z10054.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6659	0.6681	0.0500	50200	50000	0.3	25.0
N-Nitrosodimethylamine	Ave	0.8651	0.8449	0.0500	48800	50000	-2.3	25.0
Pyridine	Ave	1.574	1.550	0.0500	49200	50000	-1.5	25.0
Benzaldehyde	Ave	0.4148	0.3250	0.0500	39200	50000	-21.6	25.0
Aniline	Ave	1.890	1.974	0.0500	52200	50000	4.5	25.0
Phenol	Ave	1.741	1.699	0.0500	48800	50000	-2.4	25.0
Bis(2-chloroethyl)ether	Ave	1.356	1.303	0.0500	48100	50000	-3.9	25.0
2-Chlorophenol	Ave	1.410	1.378	0.0500	48900	50000	-2.3	25.0
n-Decane	Ave	1.471	1.260	0.0500	42800	50000	-14.3	25.0
1,3-Dichlorobenzene	Ave	1.638	1.615	0.0500	49300	50000	-1.4	25.0
1,4-Dichlorobenzene	Ave	1.639	1.641	0.0500	50100	50000	0.2	25.0
Benzyl alcohol	Ave	0.7420	0.7943	0.0500	53500	50000	7.0	25.0
1,2-Dichlorobenzene	Ave	1.484	1.498	0.0500	50500	50000	0.9	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.493	1.358	0.0500	45500	50000	-9.0	25.0
2-Methylphenol	Ave	1.065	1.148	0.0500	53900	50000	7.8	25.0
o-Toluidine	Ave	1.457	1.482	0.0500	50900	50000	1.7	25.0
Acetophenone	Ave	1.646	1.739	0.0500	52800	50000	5.7	25.0
N-Nitrosodi-n-propylamine	Ave	0.8008	0.8236	0.0500	51400	50000	2.8	25.0
3 & 4 Methylphenol	Ave	1.139	1.290	0.0500	56600	50000	13.3	25.0
4-Methylphenol	Ave	1.139	1.290	0.0500	56600	50000	13.3	25.0
Hexachloroethane	Ave	0.6541	0.6324	0.0500	48300	50000	-3.3	25.0
Nitrobenzene	Ave	0.5881	0.5704	0.0500	48500	50000	-3.0	25.0
n,n'-Dimethylaniline	Ave	1.743	2.019	0.0500	57900	50000	15.9	25.0
Isophorone	Ave	0.6013	0.6165	0.0500	51300	50000	2.5	25.0
2-Nitrophenol	Ave	0.1969	0.1982	0.0500	50300	50000	0.7	25.0
2,4-Dimethylphenol	Ave	0.3064	0.3091	0.0500	50400	50000	0.9	25.0
Bis(2-chloroethoxy)methane	Ave	0.3745	0.3769	0.0500	50300	50000	0.6	25.0
2,4-Dichlorophenol	Ave	0.2654	0.2679	0.0500	50500	50000	1.0	25.0
1,2,4-Trichlorobenzene	Ave	0.3219	0.3148	0.0500	48900	50000	-2.2	25.0
Naphthalene	Ave	1.091	1.110	0.0500	50800	50000	1.7	25.0
4-Chloroaniline	Ave	0.3686	0.3890	0.0500	52800	50000	5.6	25.0
Hexachlorobutadiene	Ave	0.2052	0.1951	0.0500	47500	50000	-4.9	25.0
Caprolactam	Ave	0.0725	0.0724	0.0500	49900	50000	-0.2	25.0
4-Chloro-3-methylphenol	Ave	0.2604	0.2704	0.0500	51900	50000	3.8	25.0
2-Methylnaphthalene	Ave	0.6298	0.6494	0.0500	51600	50000	3.1	25.0
1-Methylnaphthalene	Ave	0.6375	0.6584	0.0500	51600	50000	3.3	25.0
Hexachlorocyclopentadiene	Ave	0.4117	0.3852	0.0500	46800	50000	-6.4	25.0
2,4,6-Trichlorophenol	Ave	0.3814	0.3777	0.0500	49500	50000	-1.0	25.0
2,4,5-Trichlorophenol	Ave	0.3799	0.3854	0.0500	50700	50000	1.5	25.0
1,1'-Biphenyl	Ave	1.773	1.727	0.0500	48700	50000	-2.6	25.0
2-Chloronaphthalene	Ave	1.262	1.229	0.0500	48700	50000	-2.6	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Lab Sample ID: CCV 460-87213/1 Calibration Date: 09/21/2011 16:17

Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/13/2011 14:23

Lab File ID: z10054.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8856	0.8712	0.0500	49200	50000	-1.6	25.0
2-Nitroaniline	Ave	0.4071	0.3625	0.0500	44500	50000	-10.9	25.0
Dimethyl phthalate	Ave	1.204	1.175	0.0500	48800	50000	-2.4	25.0
Coumarin	Ave	0.1646	0.1697	0.0500	51600	50000	3.1	25.0
2,6-Dinitrotoluene	Ave	0.2667	0.2646	0.0500	49600	50000	-0.8	25.0
Acenaphthylene	Ave	1.904	1.928	0.0500	50600	50000	1.3	25.0
3-Nitroaniline	Ave	0.2794	0.2735	0.0500	48900	50000	-2.1	25.0
Acenaphthene	Ave	1.180	1.192	0.0500	50500	50000	1.0	25.0
2,4-Dinitrophenol	Ave	0.1396	0.1438	0.0500	51500	50000	3.0	25.0
4-Nitrophenol	Ave	0.2170	0.2053	0.0500	47300	50000	-5.4	25.0
Dibenzofuran	Ave	1.574	1.564	0.0500	49700	50000	-0.7	25.0
2,4-Dinitrotoluene	Ave	0.3412	0.3280	0.0500	48100	50000	-3.9	25.0
Diethyl phthalate	Ave	1.210	1.167	0.0500	48200	50000	-3.6	25.0
Fluorene	Ave	1.273	1.282	0.0500	50300	50000	0.7	25.0
4-Chlorophenyl phenyl ether	Ave	0.5757	0.5638	0.0500	49000	50000	-2.1	25.0
4-Nitroaniline	Ave	0.2553	0.2106	0.0500	41300	50000	-17.5	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1350	0.1366	0.0500	50600	50000	1.2	25.0
N-Nitrosodiphenylamine	Ave	0.6105	0.6201	0.0500	50800	50000	1.6	25.0
1,2-Diphenylhydrazine	Ave	1.109	1.205	0.0500	54300	50000	8.7	25.0
4-Bromophenyl phenyl ether	Ave	0.2506	0.2480	0.0500	49500	50000	-1.0	25.0
Hexachlorobenzene	Ave	0.2776	0.2724	0.0500	49100	50000	-1.9	25.0
Atrazine	Ave	0.2139	0.2032	0.0500	47500	50000	-5.0	25.0
Pentachlorophenol	Ave	0.1275	0.1328	0.0500	52100	50000	4.2	25.0
Phenanthrene	Ave	1.160	1.170	0.0500	50400	50000	0.8	25.0
Anthracene	Ave	1.171	1.170	0.0500	49900	50000	-0.1	25.0
Carbazole	Ave	0.9424	0.8971	0.0500	47600	50000	-4.8	25.0
Di-n-butyl phthalate	Ave	1.327	1.259	0.0500	47400	50000	-5.2	25.0
Fluoranthene	Ave	0.999	0.9269	0.0500	46400	50000	-7.3	25.0
Benzidine	Ave	0.1041	0.0733	0.0500	35200	50000	-29.6*	25.0
Pyrene	Ave	1.639	1.765	0.0500	53800	50000	7.7	25.0
Butyl benzyl phthalate	Ave	0.7522	0.7434	0.0500	49400	50000	-1.2	25.0
2,3,7,8-TCDD	Ave	0.2018	0.1729	0.0500	428	500	-14.3	25.0
3,3'-Dichlorobenzidine	Ave	0.3444	0.3215	0.0500	46700	50000	-6.7	25.0
Benzo[a]anthracene	Ave	1.257	1.174	0.0500	46700	50000	-6.6	25.0
Chrysene	Ave	1.132	1.134	0.0500	50100	50000	0.2	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.039	1.009	0.0500	48500	50000	-3.0	25.0
Di-n-octyl phthalate	Ave	1.820	1.921	0.0500	52800	50000	5.6	25.0
Benzo[b]fluoranthene	Ave	1.192	1.190	0.0500	49900	50000	-0.2	25.0
Benzo[k]fluoranthene	Ave	1.218	1.316	0.0500	54000	50000	8.1	25.0
Benzo[a]pyrene	Ave	0.9926	0.9634	0.0500	48500	50000	-2.9	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.9585	0.8455	0.0500	44100	50000	-11.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87213/1 Calibration Date: 09/21/2011 16:17
 Instrument ID: BNAMS11 Calib Start Date: 09/13/2011 11:34
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/13/2011 14:23
 Lab File ID: z10054.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.9263	0.8806	0.0500	47500	50000	-4.9	25.0
Benzo[g,h,i]perylene	Ave	0.9463	0.9096	0.0500	48100	50000	-3.9	25.0
2-Fluorophenol (Surr)	Ave	1.497	1.385	0.0500	46200	50000	-7.5	25.0
Phenol-d5 (Surr)	Ave	1.585	1.584	0.0500	50000	50000	-0.0	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4320	0.4107	0.0500	47500	50000	-4.9	25.0
2-Fluorobiphenyl	Ave	1.515	1.484	0.0500	48900	50000	-2.1	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1796	0.1768	0.0500	49200	50000	-1.6	25.0
Terphenyl-d14 (Surr)	Ave	1.168	1.218	0.0500	52100	50000	4.3	25.0

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11br.b/z10054.d
 Report Date: 22-Sep-2011 09:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11br.b/z10054.d
 Lab Smp Id: CCV-1143618
 Inj Date : 21-SEP-2011 16:17
 Operator : BNAMS 4
 Smp Info : CCV-1143618
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11br.b/8270Cdel_08.m
 Meth Date : 22-Sep-2011 09:36 monica
 Cal Date : 21-SEP-2011 16:17
 Als bottle: 10
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10054.d

Continuing Calibration Sample

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.307	1.307	(0.338)	359375	50.0000	50
19 N-Nitrosodimethylamine		74	1.519	1.519	(0.393)	454475	50.0000	49
71 Pyridine		79	1.537	1.537	(0.398)	833713	50.0000	49
\$ 16 2-Fluorophenol (SUR)		112	2.601	2.601	(0.673)	744775	50.0000	46
110 Benzaldehyde		77	3.419	3.419	(0.884)	174837	50.0000	39
\$ 17 Phenol-d5 (SUR)		99	3.537	3.537	(0.915)	852236	50.0000	50
1 Phenol		94	3.548	3.548	(0.918)	914128	50.0000	49
73 Aniline		93	3.537	3.537	(0.915)	1061907	50.0000	52
20 bis(2-Chloroethyl)ether		93	3.613	3.613	(0.935)	701057	50.0000	48
2 2-Chlorophenol		128	3.666	3.666	(0.948)	741302	50.0000	49
113 n-decane		43	3.725	3.725	(0.963)	677902	50.0000	43
21 1,3-Dichlorobenzene		146	3.813	3.813	(0.986)	868581	50.0000	49
* 79 1,4-Dichlorobenzene-d4		152	3.866	3.866	(1.000)	430320	40.0000	
22 1,4-Dichlorobenzene		146	3.884	3.884	(1.005)	882732	50.0000	50
74 Benzyl Alcohol		108	4.025	4.025	(1.041)	427256	50.0000	54

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11br.b/z10054.d
Report Date: 22-Sep-2011 09:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	805569	50.0000	50
3 2-Methylphenol	108	4.160	4.160	(1.076)	617535	50.0000	54
24 bis (2-chloroisopropyl) ether	45	4.160	4.160	(1.076)	730705	50.0000	45
122 o-Toluidine	107	4.278	4.278	(1.106)	796931	50.0000	51
104 Acetophenone	105	4.295	4.295	(1.111)	935524	50.0000	53
4 4-Methylphenol	108	4.319	4.319	(1.117)	693730	50.0000	57
121 3 & 4 Methylphenol	108	4.319	4.319	(1.117)	693730	50.0000	57
25 N-Nitroso-di-n-propylamine	70	4.307	4.307	(1.114)	442997	50.0000	51
26 Hexachloroethane	117	4.378	4.378	(1.132)	340173	50.0000	48
\$ 76 Nitrobenzene-d5 (SUR)	82	4.437	4.437	(0.860)	747172	50.0000	48
107 N,N-Dimethylaniline	120	4.466	4.466	(1.155)	1086259	50.0000	58
27 Nitrobenzene	77	4.460	4.460	(0.864)	1037736	50.0000	48
28 Isophorone	82	4.707	4.707	(0.912)	1121649	50.0000	51
5 2-Nitrophenol	139	4.778	4.778	(0.926)	360549	50.0000	50
6 2,4-Dimethylphenol	122	4.848	4.848	(0.940)	562322	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.937	4.937	(0.957)	685652	50.0000	50
7 2,4-Dichlorophenol	162	5.031	5.031	(0.975)	487499	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.107	5.107	(0.990)	572760	50.0000	49
* 80 Naphthalene-d8	136	5.160	5.160	(1.000)	1455552	40.0000	
31 Naphthalene	128	5.178	5.178	(1.003)	2018722	50.0000	51
32 4-Chloroaniline	127	5.248	5.248	(1.017)	707813	50.0000	53
33 Hexachlorobutadiene	225	5.319	5.319	(1.031)	354992	50.0000	48
111 Caprolactam	113	5.631	5.631	(1.091)	131718	50.0000	50
8 4-Chloro-3-methylphenol	107	5.766	5.766	(1.117)	492012	50.0000	52
34 2-Methylnaphthalene	142	5.878	5.878	(1.139)	1181624	50.0000	52
120 1-Methylnaphthalene	142	5.978	5.978	(1.158)	1197996	50.0000	52
35 Hexachlorocyclopentadiene	237	6.048	6.048	(0.876)	304305	50.0000	47
9 2,4,6-Trichlorophenol	196	6.172	6.172	(0.894)	298454	50.0000	50
10 2,4,5-Trichlorophenol	196	6.213	6.213	(0.900)	304512	50.0000	51
\$ 77 2-Fluorobiphenyl (SUR)	172	6.254	6.254	(0.905)	1172161	50.0000	49
102 Diphenyl	154	6.348	6.348	(0.919)	1364194	50.0000	49
36 2-Chloronaphthalene	162	6.360	6.360	(0.921)	971290	50.0000	49
103 Diphenyl Ether	170	6.454	6.454	(0.934)	688311	50.0000	49
37 2-Nitroaniline	65	6.472	6.472	(0.937)	286430	50.0000	44
38 Dimethylphthalate	163	6.666	6.666	(0.965)	928190	50.0000	49
114 Coumarin	146	6.672	6.672	(1.293)	308762	50.0000	52
40 2,6-Dinitrotoluene	165	6.719	6.719	(0.973)	209049	50.0000	50
39 Acenaphthylene	152	6.766	6.766	(0.980)	1523497	50.0000	51
41 3-Nitroaniline	138	6.884	6.884	(0.997)	216052	50.0000	49
* 82 Acenaphthene-d10	164	6.907	6.907	(1.000)	632077	40.0000	
42 Acenaphthene	154	6.942	6.942	(1.005)	941680	50.0000	50
11 2,4-Dinitrophenol	184	6.984	6.984	(1.011)	113587	50.0000	51
12 4-Nitrophenol	65	7.078	7.078	(1.025)	162183	50.0000	47
44 2,4-Dinitrotoluene	165	7.119	7.119	(1.031)	259173	50.0000	48
43 Dibenzofuran	168	7.113	7.113	(1.030)	1235728	50.0000	50
45 Diethylphthalate	149	7.360	7.360	(1.066)	922220	50.0000	48
46 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.079)	445491	50.0000	49

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11br.b/z10054.d
Report Date: 22-Sep-2011 09:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.448	7.448	(1.078)	1012874	50.0000	50
48 4-Nitroaniline	138	7.483	7.483	(1.083)	166410	50.0000	41
13 4,6-Dinitro-2-methylphenol	198	7.513	7.513	(0.899)	132263	50.0000	51
49 N-Nitrosodiphenylamine	169	7.578	7.578	(0.906)	600206	50.0000	51
75 1,2-Diphenylhydrazine	77	7.607	7.607	(0.910)	1166152	50.0000	54
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.683	7.683	(1.112)	139649	50.0000	49
50 4-Bromophenyl-phenylether	248	7.931	7.931	(0.949)	240051	50.0000	49
51 Hexachlorobenzene	284	7.995	7.995	(0.956)	263643	50.0000	49
112 Atrazine	200	8.113	8.113	(0.970)	196710	50.0000	48
14 Pentachlorophenol	266	8.189	8.189	(0.980)	128562	50.0000	52
* 83 Phenanthrene-d10	188	8.360	8.360	(1.000)	774359	40.0000	
52 Phenanthrene	178	8.383	8.383	(1.003)	1132560	50.0000	50
53 Anthracene	178	8.430	8.430	(1.008)	1132157	50.0000	50
54 Carbazole	167	8.595	8.595	(1.028)	868376	50.0000	48
55 Di-n-butylphthalate	149	8.960	8.960	(1.072)	1218277	50.0000	47
56 Fluoranthene	202	9.542	9.542	(1.141)	897149	50.0000	46
58 Benzidine	184	9.677	9.677	(1.158)	70913	50.0000	35
57 Pyrene	202	9.760	9.760	(0.886)	863501	50.0000	54
\$ 78 Terphenyl-d14	244	9.924	9.924	(0.901)	595774	50.0000	52
59 Butylbenzylphthalate	149	10.424	10.424	(0.947)	363751	50.0000	49
109 2,3,7,8-TCDD (Screen)	320	10.513	10.513	(0.955)	846	0.50000	0.43(a)
60 3,3'-Dichlorobenzidine	252	10.989	10.989	(0.998)	157315	50.0000	47
61 Benzo(a)anthracene	228	11.001	11.001	(0.999)	574460	50.0000	47
* 81 Chrysene-d12	240	11.013	11.013	(1.000)	391425	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.077	11.077	(1.006)	493445	50.0000	48
62 Chrysene	228	11.042	11.042	(1.003)	554742	50.0000	50
64 Di-n-octylphthalate	149	11.871	11.871	(0.927)	683962	50.0000	53
65 Benzo(b)fluoranthene	252	12.313	12.313	(0.962)	423558	50.0000	50
66 Benzo(k)fluoranthene	252	12.348	12.348	(0.965)	468544	50.0000	54
67 Benzo(a)pyrene	252	12.724	12.724	(0.994)	342996	50.0000	48
* 84 Perylene-d12	264	12.801	12.801	(1.000)	284827	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.189	14.189	(1.108)	301013	50.0000	44
69 Dibenz(a,h)anthracene	278	14.218	14.218	(1.111)	313507	50.0000	48
70 Benzo(g,h,i)perylene	276	14.536	14.536	(1.136)	323836	50.0000	48

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z10054.d

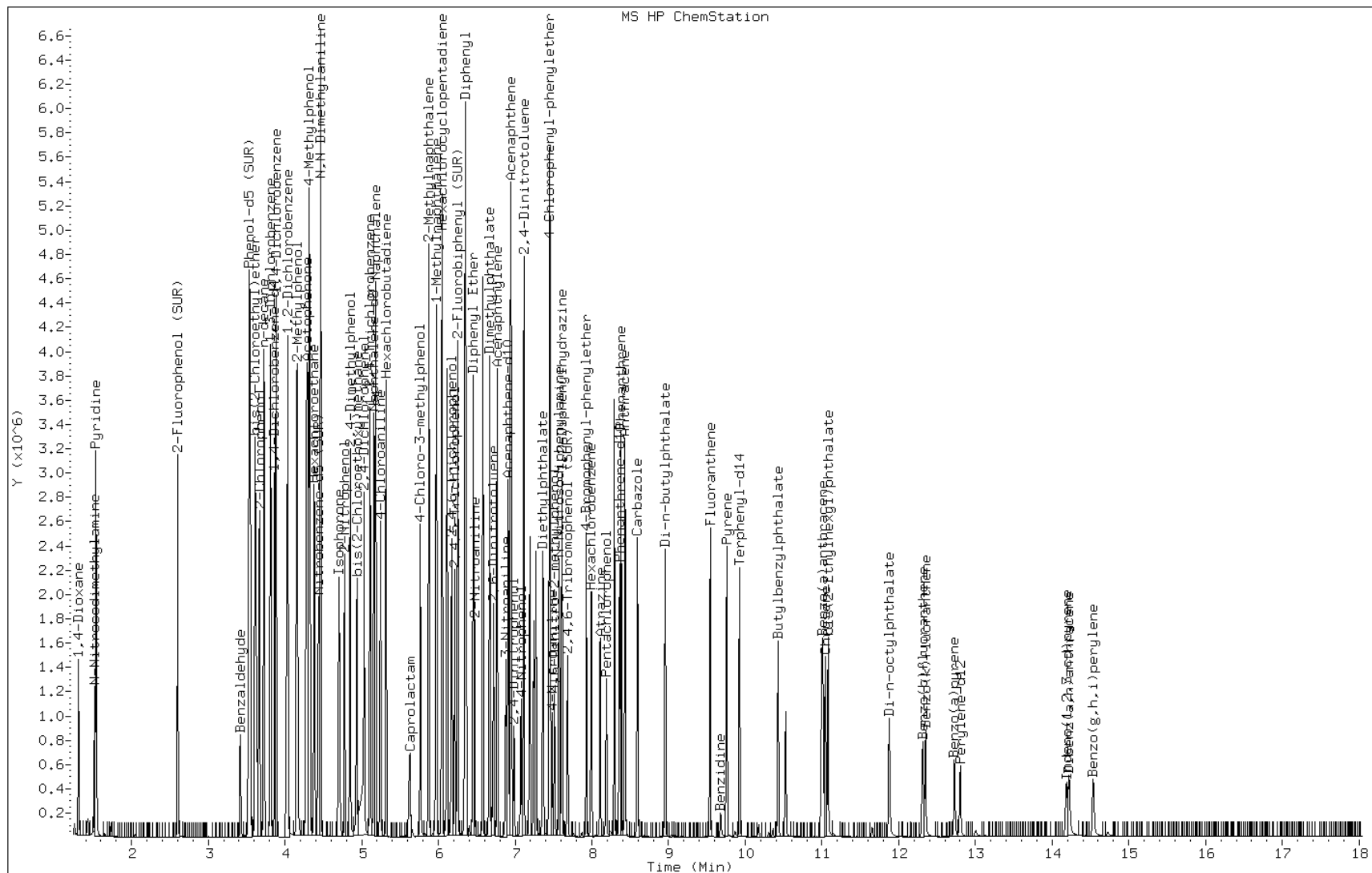
Date: 21-SEP-2011 16:17

Client ID:

Instrument: BNAMS11.i

Sample Info: CCV-1143618

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19784.d
 Report Date: 13-Sep-2011 13:52

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19784.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 13-SEP-2011 10:32
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm dftpp bna 4557
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/DFTPP8270DEL.m
 Meth Date : 23-Aug-2011 11:00 croccom 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: 3.50 Sample Matrix: None
 Processing Host: hpd1

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
1 dftpp					CAS #:				
4.976	4.748	0.228	198	33278			0.00- 100.00	100.00	
4.976	4.748	0.228	51	14351			30.00- 60.00	43.12	
4.976	4.748	0.228	68	196			0.00- 2.00	1.44	
4.976	4.748	0.228	69	13636			0.00- 0.00	40.98	
4.976	4.748	0.228	70	0			0.00- 2.00	0.00	
4.976	4.748	0.228	127	16795			40.00- 60.00	50.47	
4.976	4.748	0.228	197	0			0.00- 1.00	0.00	
4.976	4.748	0.228	199	2230			5.00- 9.00	6.70	
4.976	4.748	0.228	275	9450			10.00- 30.00	28.40	
4.976	4.748	0.228	365	1553			1.00- 0.00	4.67	
4.976	4.748	0.228	441	4352			0.01- 100.00	77.41	
4.976	4.748	0.228	442	29085			40.00- 110.00	87.40	
4.976	4.748	0.228	443	5622			17.00- 23.00	19.33	

Data File: z19784.d

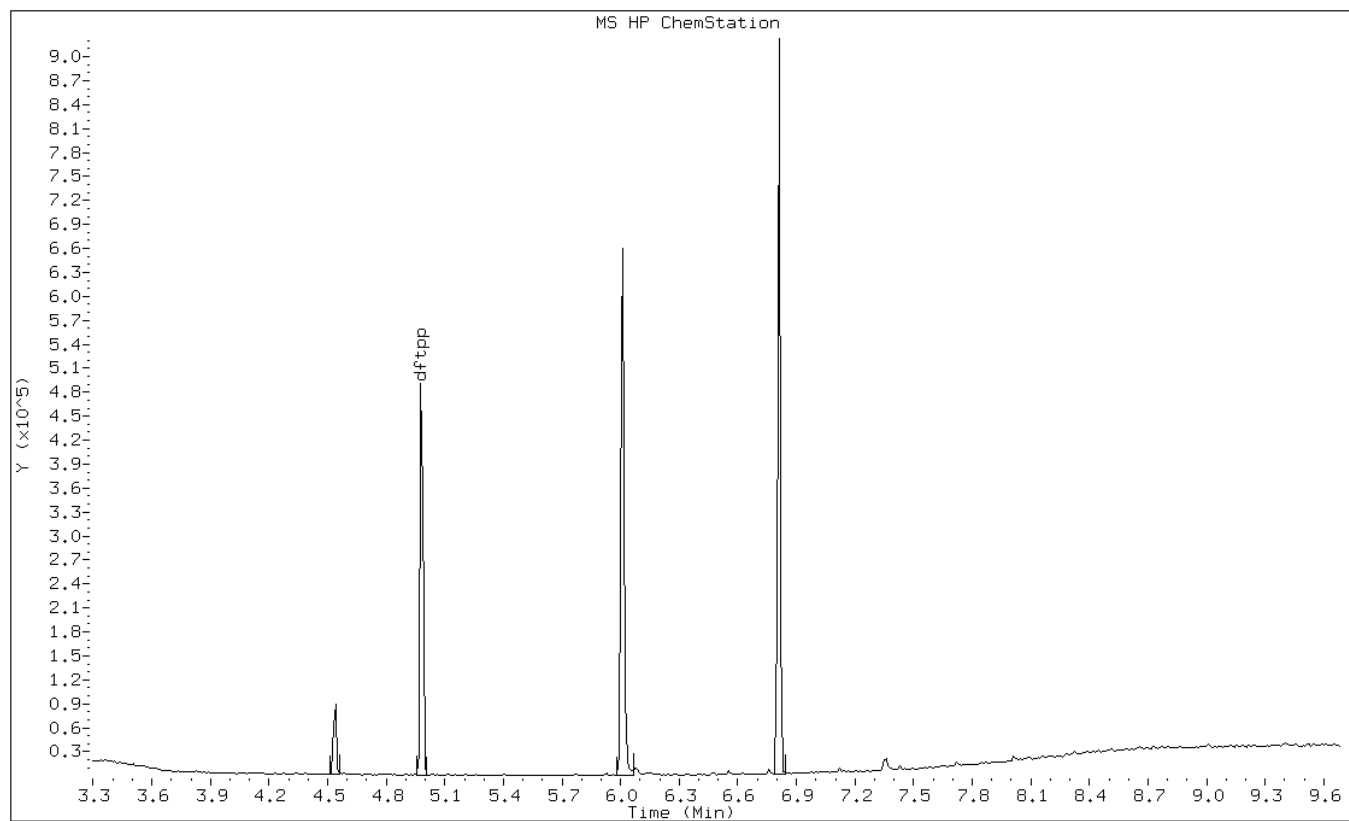
Date: 13-SEP-2011 10:32

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z19784.d

Date: 13-SEP-2011 10:32

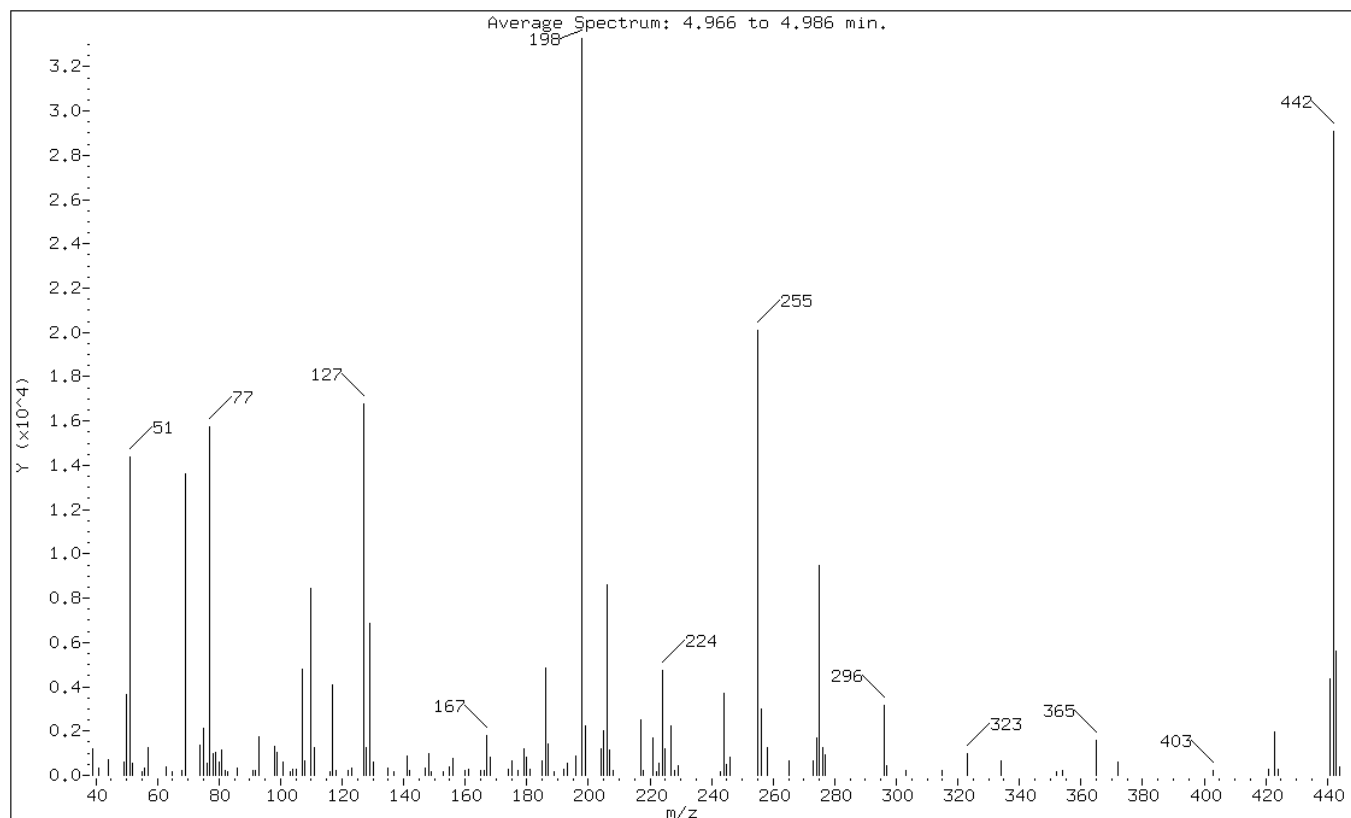
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

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	43.12
68	Less than 2.00% of mass 69	0.59 (1.44)
69	Mass 69 relative abundance	40.98
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.47
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.70
275	10.00 - 30.00% of mass 198	28.40
365	Greater than 1.00% of mass 198	4.67
441	0.01 - 100.00% of mass 443	13.08 (77.41)
442	40.00 - 110.00% of mass 198	87.40
443	17.00 - 23.00% of mass 442	16.89 (19.33)

Data File: z19784.d

Date: 13-SEP-2011 10:32

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b/z19784.d

Spectrum: Average Spectrum: 4.966 to 4.986 min.

Location of Maximum: 198.00

Number of points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1195	104.00	276	175.00	659	246.00	826
41.00	348	105.00	261	177.00	194	255.00	20112
44.00	720	107.00	4817	179.00	1223	256.00	2990
49.00	599	108.00	677	180.00	816	258.00	1265
50.00	3663	110.00	8458	181.00	269	265.00	627
51.00	14351	111.00	1269	185.00	664	273.00	668
52.00	531	116.00	189	186.00	4823	274.00	1710
55.00	171	117.00	4094	187.00	1401	275.00	9450
56.00	334	118.00	228	189.00	186	276.00	1231
57.00	1270	122.00	229	192.00	265	277.00	912
63.00	382	123.00	335	193.00	523	296.00	3135
65.00	184	127.00	16792	196.00	878	297.00	454
68.00	196	128.00	1245	198.00	33272	303.00	214
69.00	13636	129.00	6856	199.00	2230	315.00	211
74.00	1352	130.00	583	204.00	1177	323.00	989
75.00	2127	135.00	353	205.00	2013	334.00	654
76.00	534	137.00	180	206.00	8605	352.00	185
77.00	15716	141.00	887	207.00	1163	354.00	242
78.00	987	142.00	217	208.00	219	365.00	1553
79.00	1044	147.00	316	217.00	2496	372.00	574
80.00	612	148.00	983	218.00	191	403.00	197
81.00	1141	149.00	167	221.00	1678	421.00	258
82.00	218	153.00	183	222.00	178	423.00	1983
83.00	186	155.00	354	223.00	555	424.00	282
86.00	301	156.00	740	224.00	4752	441.00	4352
91.00	213	160.00	192	225.00	1182	442.00	29080
92.00	203	161.00	299	227.00	2234	443.00	5622
93.00	1717	165.00	222	228.00	228	444.00	401
98.00	1306	166.00	195	229.00	424		
99.00	1023	167.00	1783	243.00	176		
101.00	618	168.00	836	244.00	3712		
103.00	169	174.00	247	245.00	498		

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10045.d
 Report Date: 21-Sep-2011 12:56

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10045.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 21-SEP-2011 12:28
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm dftpp bna 4557
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/DFTPP8270DEL.m
 Meth Date : 23-Aug-2011 11:00 croccom 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: 3.50 Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
1 dftpp					CAS #:				
4.707	4.748	-0.041	198	29072			0.00- 100.00	100.00	
4.707	4.748	-0.041	51	12412			30.00- 60.00	42.69	
4.707	4.748	-0.041	68	0			0.00- 2.00	0.00	
4.707	4.748	-0.041	69	12975			0.00- 0.00	44.63	
4.707	4.748	-0.041	70	0			0.00- 2.00	0.00	
4.707	4.748	-0.041	127	15453			40.00- 60.00	53.15	
4.707	4.748	-0.041	197	0			0.00- 1.00	0.00	
4.707	4.748	-0.041	199	1779			5.00- 9.00	6.12	
4.707	4.748	-0.041	275	8358			10.00- 30.00	28.75	
4.707	4.748	-0.041	365	1625			1.00- 0.00	5.59	
4.707	4.748	-0.041	441	4034			0.01- 100.00	82.24	
4.707	4.748	-0.041	442	26104			40.00- 110.00	89.79	
4.707	4.748	-0.041	443	4905			17.00- 23.00	18.79	

Data File: z10045.d

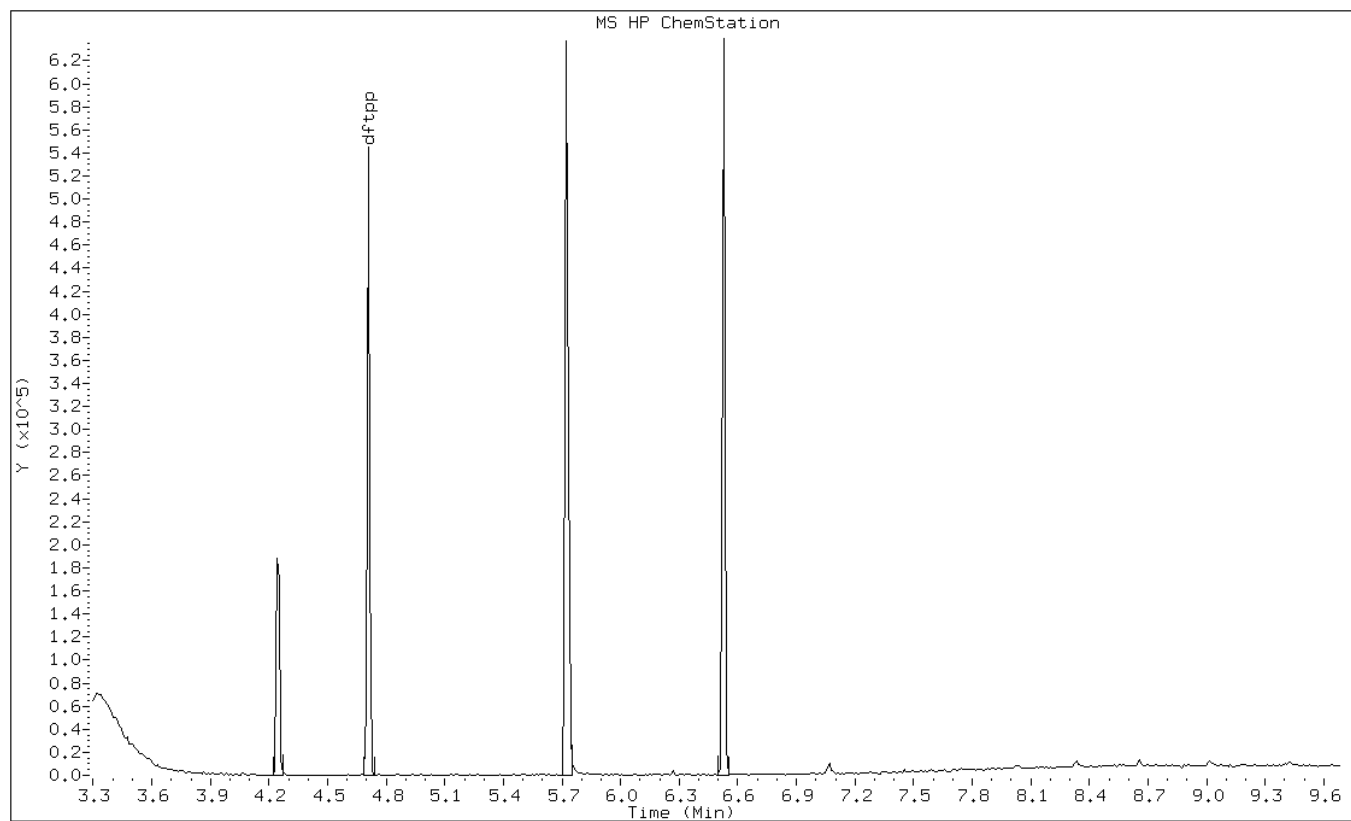
Date: 21-SEP-2011 12:28

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z10045.d

Date: 21-SEP-2011 12:28

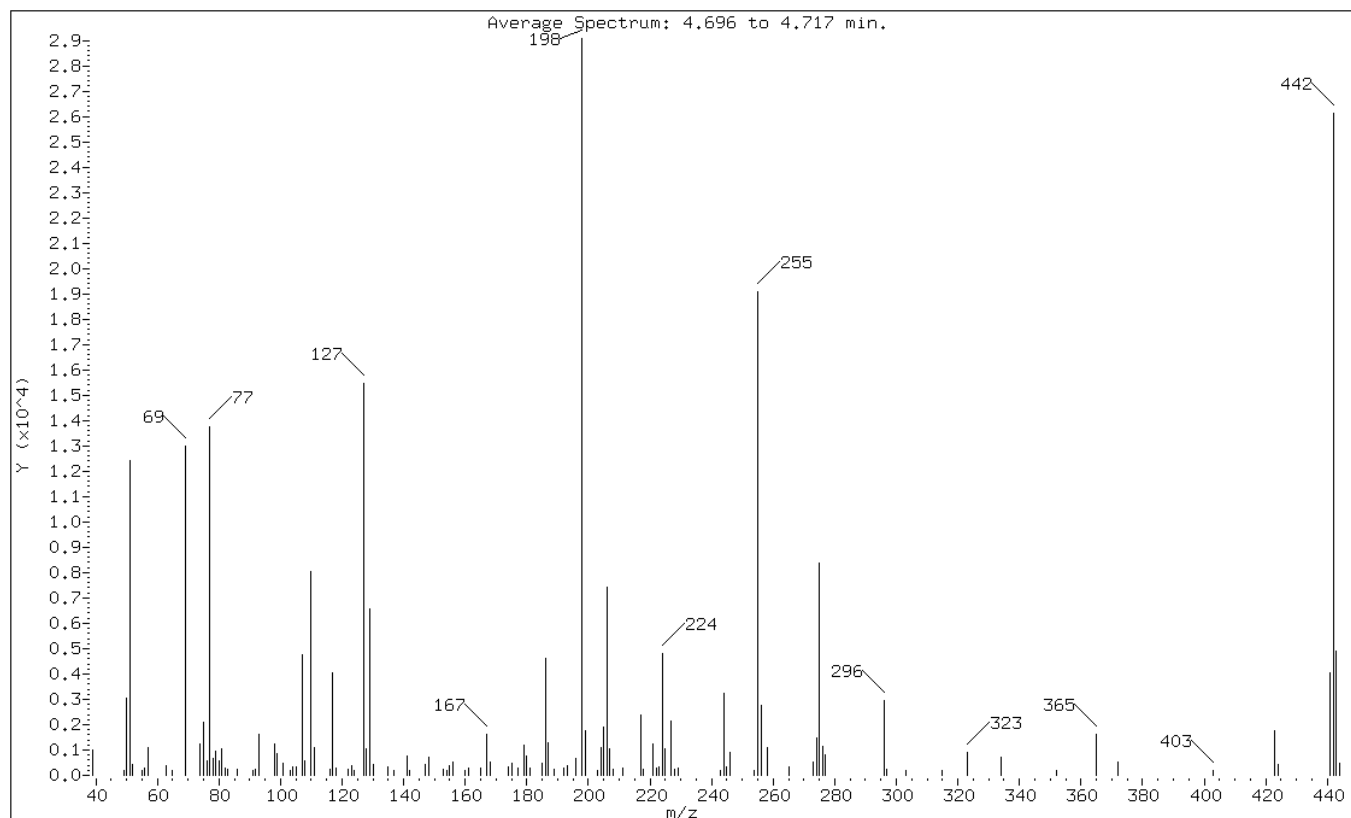
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

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	42.69
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	44.63
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.15
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.12
275	10.00 - 30.00% of mass 198	28.75
365	Greater than 1.00% of mass 198	5.59
441	0.01 - 100.00% of mass 443	13.88 (82.24)
442	40.00 - 110.00% of mass 198	89.79
443	17.00 - 23.00% of mass 442	16.87 (18.79)

Data File: z10045.d

Date: 21-SEP-2011 12:28

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10045.d

Spectrum: Average Spectrum: 4.696 to 4.717 min.

Location of Maximum: 198.00

Number of points: 122

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1006	107.00	4759	177.00	270	244.00	3255
49.00	193	108.00	549	179.00	1212	245.00	355
50.00	3039	110.00	8039	180.00	762	246.00	911
51.00	12412	111.00	1093	181.00	296	254.00	208
52.00	451	116.00	245	185.00	469	255.00	19088
55.00	189	117.00	4042	186.00	4615	256.00	2761
56.00	303	118.00	278	187.00	1274	258.00	1104
57.00	1073	122.00	244	189.00	260	265.00	346
63.00	370	123.00	379	192.00	263	273.00	507
65.00	186	124.00	171	193.00	362	274.00	1477
69.00	12975	127.00	15453	196.00	678	275.00	8358
74.00	1257	128.00	1039	198.00	29072	276.00	1125
75.00	2100	129.00	6578	199.00	1779	277.00	807
76.00	569	130.00	444	203.00	168	296.00	2949
77.00	13746	135.00	332	204.00	1092	297.00	246
78.00	689	137.00	209	205.00	1915	303.00	190
79.00	957	141.00	739	206.00	7441	315.00	198
80.00	549	142.00	203	207.00	1068	323.00	881
81.00	1059	147.00	424	208.00	237	334.00	709
82.00	262	148.00	720	211.00	263	352.00	173
83.00	235	153.00	220	217.00	2357	365.00	1625
86.00	257	154.00	186	218.00	228	372.00	512
91.00	206	155.00	374	221.00	1254	403.00	179
92.00	237	156.00	529	222.00	263	423.00	1782
93.00	1626	160.00	213	223.00	352	424.00	431
98.00	1229	161.00	293	224.00	4785	441.00	4034
99.00	869	165.00	289	225.00	1056	442.00	26104
101.00	494	167.00	1632	227.00	2137	443.00	4905
103.00	171	168.00	515	228.00	231	444.00	476
104.00	320	174.00	342	229.00	268		
105.00	319	175.00	470	243.00	209		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-86593/1-A

Matrix: Water Lab File ID: z10047.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 13:22

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	2.8
108-95-2	Phenol	10	U	10	0.81
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
95-57-8	2-Chlorophenol	10	U	10	2.2
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
91-57-6	2-Methylnaphthalene	10	U	10	3.0
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.8
88-74-4	2-Nitroaniline	20	U	20	4.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
100-01-6	4-Nitroaniline	20	U	20	5.8
100-02-7	4-Nitrophenol	30	U	30	6.7
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
1912-24-9	Atrazine	10	U	10	3.0
91-20-3	Naphthalene	10	U	10	2.7
100-52-7	Benzaldehyde	10	U	10	2.0
106-47-8	4-Chloroaniline	10	U	10	2.0
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
105-60-2	Caprolactam	10	U	10	2.5
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-86593/1-A

Matrix: Water Lab File ID: z10047.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 13:22

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
131-11-3	Dimethyl phthalate	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
206-44-0	Fluoranthene	10	U	10	3.2
86-73-7	Fluorene	10	U	10	2.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.0
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-86593/1-A
Matrix: Water Lab File ID: z10047.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 13:22
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	80		46-122
321-60-8	2-Fluorobiphenyl	82		53-108
367-12-4	2-Fluorophenol (Surr)	46		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	87		56-112
4165-62-2	Phenol-d5 (Surr)	30		10-48
1718-51-0	Terphenyl-d14 (Surr)	85		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-86593/1-A
Matrix: Water Lab File ID: z10047.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 13:22
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10047.d
 Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10047.d
 Lab Smp Id: MB 460-86593/1-A
 Inj Date : 21-SEP-2011 13:22
 Operator : BNAMS 4
 Smp Info : MB 460-86593/1-A
 Misc Info : MB 460-86593/1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica
 Cal Date : 21-SEP-2011 12:48
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10046.d

QC Sample: BLANK

Compound Sublist: allh20.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====	
\$ 16 2-Fluorophenol (SUR)	112	2.601	2.602	(0.673)	356137	23.0159	46	
\$ 17 Phenol-d5 (SUR)	99	3.513	3.531	(0.909)	261252	14.8727	30	
* 79 1,4-Dichlorobenzene-d4	152	3.866	3.866	(1.000)	452778	40.0000		
\$ 76 Nitrobenzene-d5 (SUR)	82	4.431	4.437	(0.860)	734801	43.6862	87	
* 80 Naphthalene-d8	136	5.154	5.160	(1.000)	1619694	40.0000		
\$ 77 2-Fluorobiphenyl (SUR)	172	6.248	6.254	(0.905)	1138754	40.9769	82	
* 82 Acenaphthene-d10	164	6.907	6.907	(1.000)	751363	40.0000		
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.678	7.684	(1.112)	134414	40.0869	80	
* 83 Phenanthrene-d10	188	8.354	8.360	(1.000)	970990	40.0000		
\$ 78 Terphenyl-d14	244	9.925	9.925	(0.901)	633788	42.2662	84	
* 81 Chrysene-d12	240	11.013	11.013	(1.000)	500152	40.0000		
* 84 Perylene-d12	264	12.801	12.801	(1.000)	384908	40.0000		

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10047.d
Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10047.d
Lab Smp Id: MB 460-86593/1-A
Inj Date : 21-SEP-2011 13:22
Operator : BNAMS 4
Smp Info : MB 460-86593/1-A
Misc Info : MB 460-86593/1-A
Comment :
Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
Meth Date : 21-Sep-2011 13:09 monica
Cal Date : 21-SEP-2011 12:48
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1
Inst ID: BNAMS11.i
Quant Type: ISTD
Cal File: z10046.d
QC Sample: BLANK
Compound Sublist: allh20.sub

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10047.d

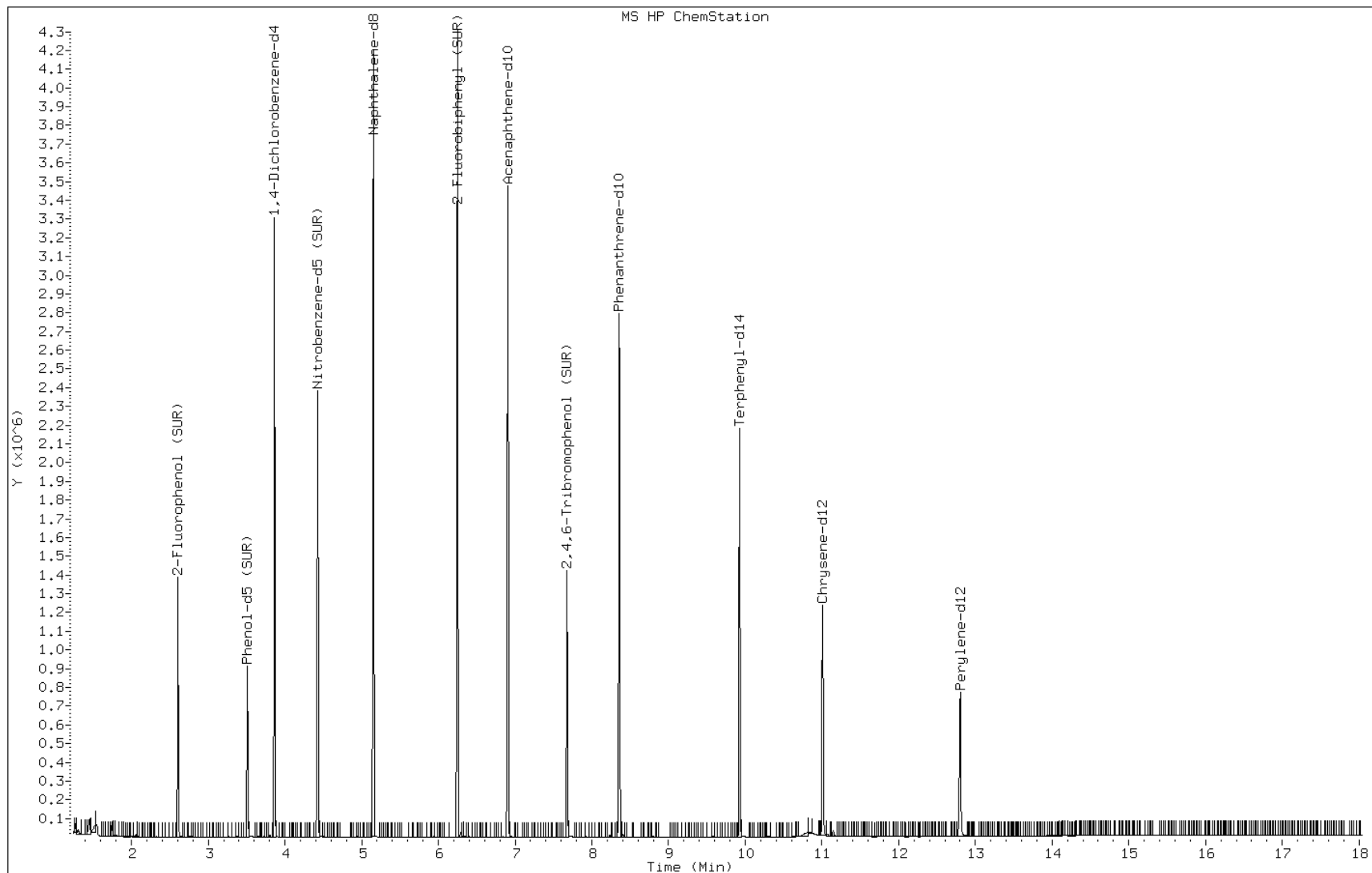
Date: 21-SEP-2011 13:22

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-86593/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-86593/2-A

Matrix: Water Lab File ID: z10048.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 13:47

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	88.7		10	2.8
108-95-2	Phenol	30.4		10	0.81
88-06-2	2,4,6-Trichlorophenol	91.9		10	2.4
111-44-4	Bis(2-chloroethyl)ether	87.0		1.0	0.28
120-83-2	2,4-Dichlorophenol	90.3		10	2.6
95-57-8	2-Chlorophenol	84.1		10	2.2
121-14-2	2,4-Dinitrotoluene	87.8		2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	87.3		10	2.0
98-86-2	Acetophenone	88.0		10	2.7
91-57-6	2-Methylnaphthalene	84.6		10	3.0
106-44-5	4-Methylphenol	49.8		10	1.6
95-48-7	2-Methylphenol	68.4		10	1.8
88-74-4	2-Nitroaniline	112		20	4.9
67-72-1	Hexachloroethane	85.4		1.0	0.25
98-95-3	Nitrobenzene	85.3		1.0	0.30
59-50-7	4-Chloro-3-methylphenol	85.0		10	2.5
78-59-1	Isophorone	88.3		10	2.7
88-75-5	2-Nitrophenol	86.7		10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	90.1		10	2.5
105-67-9	2,4-Dimethylphenol	82.9		10	3.4
100-01-6	4-Nitroaniline	89.8		20	5.8
100-02-7	4-Nitrophenol	22.6	J	30	6.7
111-91-1	Bis(2-chloroethoxy)methane	89.0		10	2.6
1912-24-9	Atrazine	81.6		10	3.0
91-20-3	Naphthalene	84.7		10	2.7
100-52-7	Benzaldehyde	205		10	2.0
106-47-8	4-Chloroaniline	85.1		10	2.0
50-32-8	Benzo[a]pyrene	82.5		1.0	0.14
87-68-3	Hexachlorobutadiene	83.7		2.0	0.57
207-08-9	Benzo[k]fluoranthene	81.6		1.0	0.26
105-60-2	Caprolactam	16.8		10	2.5
86-74-8	Carbazole	87.9		10	3.2
77-47-4	Hexachlorocyclopentadiene	78.5		10	1.7
53-70-3	Dibenz(a,h)anthracene	86.3		1.0	0.090

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-86593/2-A

Matrix: Water Lab File ID: z10048.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 13:47

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	89.8		10	2.6
131-11-3	Dimethyl phthalate	89.0		10	2.8
91-58-7	2-Chloronaphthalene	88.6		10	2.7
206-44-0	Fluoranthene	84.5		10	3.2
86-73-7	Fluorene	87.0		10	2.8
606-20-2	2,6-Dinitrotoluene	86.4		2.0	0.61
208-96-8	Acenaphthylene	86.0		10	2.7
99-09-2	3-Nitroaniline	88.0		20	5.0
621-64-7	N-Nitrosodi-n-propylamine	90.9		1.0	0.25
83-32-9	Acenaphthene	86.1		10	2.7
51-28-5	2,4-Dinitrophenol	74.5		30	5.4
132-64-9	Dibenzofuran	89.0		10	2.8
84-66-2	Diethyl phthalate	89.8		10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	80.5		30	4.7
86-30-6	N-Nitrosodiphenylamine	91.4		10	2.9
101-55-3	4-Bromophenyl phenyl ether	87.9		10	2.5
118-74-1	Hexachlorobenzene	86.4		1.0	0.29
87-86-5	Pentachlorophenol	89.9		30	5.3
85-01-8	Phenanthrene	87.6		10	3.1
120-12-7	Anthracene	84.9		10	2.8
84-74-2	Di-n-butyl phthalate	87.5		10	2.9
129-00-0	Pyrene	86.4		10	2.9
85-68-7	Butyl benzyl phthalate	86.5		10	2.5
91-94-1	3,3'-Dichlorobenzidine	96.0		20	4.9
56-55-3	Benzo[a]anthracene	87.2		1.0	0.27
218-01-9	Chrysene	87.0		10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	85.9		10	2.0
117-84-0	Di-n-octyl phthalate	87.8		10	1.5
205-99-2	Benzo[b]fluoranthene	91.9		1.0	0.26
193-39-5	Indeno[1,2,3-cd]pyrene	82.9		1.0	0.15
191-24-2	Benzo[g,h,i]perylene	85.6		10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-86593/2-A
Matrix: Water Lab File ID: z10048.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 13:47
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	84		46-122
321-60-8	2-Fluorobiphenyl	88		53-108
367-12-4	2-Fluorophenol (Surr)	40		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	88		56-112
4165-62-2	Phenol-d5 (Surr)	23		10-48
1718-51-0	Terphenyl-d14 (Surr)	86		50-122

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10048.d
 Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10048.d
 Lab Smp Id: LCS 460-86593/2-A
 Inj Date : 21-SEP-2011 13:47
 Operator : BNAMS 4
 Smp Info : LCS 460-86593/2-A
 Misc Info : LCS 460-86593/2-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica
 Cal Date : 21-SEP-2011 12:48
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10046.d

QC Sample: LCS

Compound Sublist: allh20.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.331	1.296 (0.344)		157216	20.7973	42
19 N-Nitrosodimethylamine		74	1.531	1.508 (0.396)		216673	22.3847	45
71 Pyridine		79	1.554	1.531 (0.402)		422745	23.9136	48
\$ 16 2-Fluorophenol (SUR)		112	2.607	2.602 (0.674)		321708	20.1192	40
110 Benzaldehyde		77	3.419	3.419 (0.884)		457558	102.703	200(R)
\$ 17 Phenol-d5 (SUR)		99	3.519	3.531 (0.910)		208787	11.5019	23
1 Phenol		94	3.537	3.543 (0.915)		299554	15.2075	30
73 Aniline		93	3.537	3.537 (0.915)		786401	34.3097	69
20 bis(2-Chloroethyl)ether		93	3.607	3.613 (0.933)		669284	43.5106	87
2 2-Chlorophenol		128	3.660	3.660 (0.947)		673154	42.0635	84
113 n-decane		43	3.725	3.725 (0.963)		625153	41.5042	83
21 1,3-Dichlorobenzene		146	3.813	3.813 (0.986)		823277	42.6702	85
* 79 1,4-Dichlorobenzene-d4		152	3.866	3.866 (1.000)		467895	40.0000	
22 1,4-Dichlorobenzene		146	3.884	3.884 (1.005)		838110	42.7085	85
74 Benzyl Alcohol		108	4.019	4.025 (1.040)		329703	36.8925	74

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10048.d
 Report Date: 22-Sep-2011 10:04

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	779175	43.4390	87
3 2-Methylphenol	108	4.154	4.154	(1.075)	446765	34.2080	68
24 bis (2-chloroisopropyl) ether	45	4.160	4.160	(1.076)	720153	43.6430	87
4 4-Methylphenol	108	4.313	4.313	(1.116)	366588	24.9000	50
121 3 & 4 Methylphenol	108	4.313	4.313	(1.116)	366588	24.9000	50
104 Acetophenone	105	4.284	4.290	(1.108)	885959	43.9932	88
25 N-Nitroso-di-n-propylamine	70	4.301	4.301	(1.113)	447537	45.4549	91
26 Hexachloroethane	117	4.378	4.378	(1.132)	322233	42.6907	85
\$ 76 Nitrobenzene-d5 (SUR)	82	4.437	4.437	(0.860)	732522	44.0837	88
107 N,N-Dimethylaniline	120	4.466	4.466	(1.155)	972671	40.5628	81
27 Nitrobenzene	77	4.460	4.460	(0.864)	979445	42.6605	85
28 Isophorone	82	4.701	4.701	(0.911)	1082427	44.1356	88
5 2-Nitrophenol	139	4.778	4.778	(0.926)	346575	43.3594	87
6 2,4-Dimethylphenol	122	4.848	4.848	(0.940)	511017	41.4262	83
29 bis(2-Chloroethoxy)methane	93	4.937	4.931	(0.957)	682778	44.5250	89
7 2,4-Dichlorophenol	162	5.031	5.031	(0.975)	480947	45.1546	90
30 1,2,4-Trichlorobenzene	180	5.107	5.107	(0.990)	558268	42.9922	86
* 80 Naphthalene-d8	136	5.160	5.160	(1.000)	1600111	40.0000	
31 Naphthalene	128	5.178	5.178	(1.003)	1904544	42.3420	85
32 4-Chloroaniline	127	5.242	5.248	(1.016)	672040	42.5465	85
33 Hexachlorobutadiene	225	5.319	5.319	(1.031)	341049	41.8468	84
111 Caprolactam	113	5.601	5.619	(1.085)	26339	8.42283	17
8 4-Chloro-3-methylphenol	107	5.760	5.766	(1.116)	454218	42.5045	85
34 2-Methylnaphthalene	142	5.878	5.878	(1.139)	1129379	42.3072	85
120 1-Methylnaphthalene	142	5.972	5.972	(1.157)	10302	0.38576	0.77(a)
35 Hexachlorocyclopentadiene	237	6.048	6.048	(0.876)	268156	39.2503	78
9 2,4,6-Trichlorophenol	196	6.172	6.172	(0.894)	300135	45.9370	92
10 2,4,5-Trichlorophenol	196	6.207	6.213	(0.899)	298218	44.9055	90
\$ 77 2-Fluorobiphenyl (SUR)	172	6.254	6.254	(0.905)	1148396	43.9621	88
102 Diphenyl	154	6.348	6.348	(0.919)	1355869	44.3421	89
36 2-Chloronaphthalene	162	6.360	6.360	(0.921)	974964	44.3015	89
103 Diphenyl Ether	170	6.454	6.454	(0.934)	678667	44.0106	88
37 2-Nitroaniline	65	6.472	6.472	(0.937)	357481	55.8463	110
38 Dimethylphthalate	163	6.666	6.666	(0.965)	942988	44.5145	89
40 2,6-Dinitrotoluene	165	6.719	6.719	(0.973)	209460	43.2069	86
39 Acenaphthylene	152	6.766	6.766	(0.980)	1463153	43.0074	86
41 3-Nitroaniline	138	6.878	6.878	(0.996)	217924	43.9912	88
* 82 Acenaphthene-d10	164	6.907	6.907	(1.000)	706272	40.0000	
42 Acenaphthene	154	6.942	6.942	(1.005)	905278	43.0548	86
11 2,4-Dinitrophenol	184	6.978	6.984	(1.010)	96897	37.2280	74
12 4-Nitrophenol	65	7.072	7.072	(1.024)	42239	11.2897	22(a)
44 2,4-Dinitrotoluene	165	7.113	7.113	(1.030)	265725	43.9011	88
43 Dibenzofuran	168	7.113	7.113	(1.030)	1235190	44.5198	89
45 Diethylphthalate	149	7.360	7.360	(1.066)	949481	44.8930	90
46 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.079)	457550	45.0646	90
47 Fluorene	166	7.448	7.448	(1.078)	983188	43.5232	87
48 4-Nitroaniline	138	7.478	7.478	(1.083)	181544	44.8768	90

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10048.d
 Report Date: 22-Sep-2011 10:04

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====
13 4,6-Dinitro-2-methylphenol	198		7.513	7.513	(0.899)	127272	40.2391	80
49 N-Nitrosodiphenylamine	169		7.572	7.572	(0.906)	609125	45.7182	91
75 1,2-Diphenylhydrazine	77		7.607	7.607	(0.910)	1134723	43.4708	87
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.683	7.684	(1.112)	132666	42.0916	84
50 4-Bromophenyl-phenylether	248		7.930	7.931	(0.949)	246581	43.9493	88
51 Hexachlorobenzene	284		7.989	7.989	(0.956)	265675	43.2178	86
112 Atrazine	200		8.107	8.107	(0.970)	185216	40.7963	82
14 Pentachlorophenol	266		8.189	8.189	(0.980)	135255	44.9486	90
* 83 Phenanthrene-d10	188		8.360	8.360	(1.000)	883885	40.0000	
52 Phenanthrene	178		8.383	8.384	(1.003)	1135953	43.8030	88
53 Anthracene	178		8.430	8.431	(1.008)	1126758	42.4357	85
54 Carbazole	167		8.595	8.595	(1.028)	905453	43.9539	88
55 Di-n-butylphthalate	149		8.960	8.954	(1.072)	1259799	43.7748	88
56 Fluoranthene	202		9.542	9.542	(1.141)	927085	42.2387	84
58 Benzidine	184		9.677	9.678	(1.158)	146504	67.1279	130(R)
57 Pyrene	202		9.760	9.760	(0.886)	903586	43.2166	86
\$ 78 Terphenyl-d14	244		9.924	9.925	(0.901)	635477	43.0618	86
59 Butylbenzylphthalate	149		10.424	10.425	(0.947)	405414	43.2697	86
60 3,3'-Dichlorobenzidine	252		10.989	10.983	(0.998)	197819	47.9879	96
61 Benzo(a)anthracene	228		11.001	11.001	(0.999)	643080	43.6102	87
* 81 Chrysene-d12	240		11.013	11.013	(1.000)	492219	40.0000	
63 bis(2-Ethylhexyl)phthalate	149		11.077	11.078	(1.006)	541605	42.9617	86
62 Chrysene	228		11.042	11.042	(1.003)	616618	43.5238	87
64 Di-n-octylphthalate	149		11.871	11.872	(0.927)	743928	43.9123	88
65 Benzo(b)fluoranthene	252		12.313	12.307	(0.962)	501790	45.9498	92
66 Benzo(k)fluoranthene	252		12.348	12.348	(0.965)	501752	40.7935	82
67 Benzo(a)pyrene	252		12.724	12.724	(0.994)	381281	41.2517	82
* 84 Perylene-d12	264		12.801	12.801	(1.000)	368156	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		14.189	14.183	(1.108)	356495	41.4504	83
69 Dibenz(a,h)anthracene	278		14.218	14.218	(1.111)	368693	43.1705	86
70 Benzo(g,h,i)perylene	276		14.536	14.536	(1.136)	367598	42.8019	86

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

R - Spike/Surrogate failed recovery limits.

Data File: z10048.d

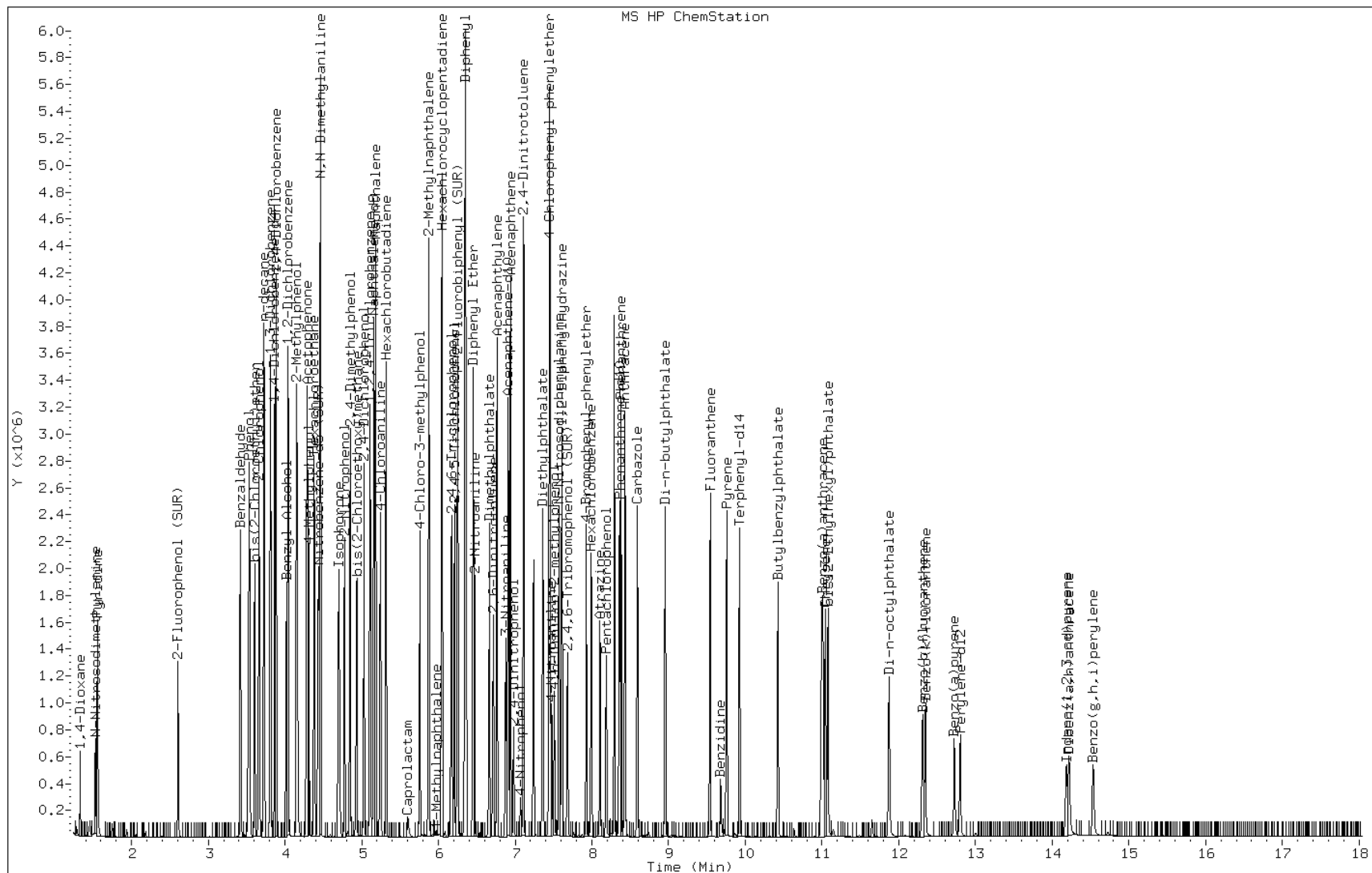
Date: 21-SEP-2011 13:47

Client ID:

Instrument: BNAMS11.i

Sample Info: LCS 460-86593/2-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-86593/3-A

Matrix: Water Lab File ID: z10049.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 14:12

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	85.9		10	2.8
108-95-2	Phenol	28.8		10	0.81
88-06-2	2,4,6-Trichlorophenol	87.7		10	2.4
111-44-4	Bis(2-chloroethyl)ether	83.4		1.0	0.28
120-83-2	2,4-Dichlorophenol	85.9		10	2.6
95-57-8	2-Chlorophenol	80.4		10	2.2
121-14-2	2,4-Dinitrotoluene	82.2		2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	85.2		10	2.0
98-86-2	Acetophenone	82.2		10	2.7
91-57-6	2-Methylnaphthalene	81.1		10	3.0
106-44-5	4-Methylphenol	46.3		10	1.6
95-48-7	2-Methylphenol	64.3		10	1.8
88-74-4	2-Nitroaniline	109		20	4.9
67-72-1	Hexachloroethane	81.5		1.0	0.25
98-95-3	Nitrobenzene	83.0		1.0	0.30
59-50-7	4-Chloro-3-methylphenol	79.4		10	2.5
78-59-1	Isophorone	83.8		10	2.7
88-75-5	2-Nitrophenol	83.7		10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	84.1		10	2.5
105-67-9	2,4-Dimethylphenol	78.6		10	3.4
100-01-6	4-Nitroaniline	81.7		20	5.8
100-02-7	4-Nitrophenol	21.6	J	30	6.7
111-91-1	Bis(2-chloroethoxy)methane	84.6		10	2.6
1912-24-9	Atrazine	78.2		10	3.0
91-20-3	Naphthalene	81.3		10	2.7
100-52-7	Benzaldehyde	198		10	2.0
106-47-8	4-Chloroaniline	80.8		10	2.0
50-32-8	Benzo[a]pyrene	79.3		1.0	0.14
87-68-3	Hexachlorobutadiene	81.5		2.0	0.57
207-08-9	Benzo[k]fluoranthene	83.0		1.0	0.26
105-60-2	Caprolactam	15.4		10	2.5
86-74-8	Carbazole	83.3		10	3.2
77-47-4	Hexachlorocyclopentadiene	76.1		10	1.7
53-70-3	Dibenz(a,h)anthracene	86.4		1.0	0.090

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-86593/3-A

Matrix: Water Lab File ID: z10049.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/20/2011 07:47

Sample wt/vol: 1000 (mL) Date Analyzed: 09/21/2011 14:12

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87212 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	86.2		10	2.6
131-11-3	Dimethyl phthalate	84.2		10	2.8
91-58-7	2-Chloronaphthalene	84.6		10	2.7
206-44-0	Fluoranthene	80.0		10	3.2
86-73-7	Fluorene	83.0		10	2.8
606-20-2	2,6-Dinitrotoluene	83.5		2.0	0.61
208-96-8	Acenaphthylene	83.4		10	2.7
99-09-2	3-Nitroaniline	82.2		20	5.0
621-64-7	N-Nitrosodi-n-propylamine	84.3		1.0	0.25
83-32-9	Acenaphthene	81.2		10	2.7
51-28-5	2,4-Dinitrophenol	65.6		30	5.4
132-64-9	Dibenzofuran	84.7		10	2.8
84-66-2	Diethyl phthalate	85.4		10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	74.7		30	4.7
86-30-6	N-Nitrosodiphenylamine	86.4		10	2.9
101-55-3	4-Bromophenyl phenyl ether	85.2		10	2.5
118-74-1	Hexachlorobenzene	82.0		1.0	0.29
87-86-5	Pentachlorophenol	84.0		30	5.3
85-01-8	Phenanthrene	83.2		10	3.1
120-12-7	Anthracene	81.8		10	2.8
84-74-2	Di-n-butyl phthalate	81.8		10	2.9
129-00-0	Pyrene	81.9		10	2.9
85-68-7	Butyl benzyl phthalate	81.9		10	2.5
91-94-1	3,3'-Dichlorobenzidine	91.3		20	4.9
56-55-3	Benzo[a]anthracene	82.2		1.0	0.27
218-01-9	Chrysene	84.5		10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	81.6		10	2.0
117-84-0	Di-n-octyl phthalate	75.7		10	1.5
205-99-2	Benzo[b]fluoranthene	79.8		1.0	0.26
193-39-5	Indeno[1,2,3-cd]pyrene	84.1		1.0	0.15
191-24-2	Benzo[g,h,i]perylene	89.0		10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-86593/3-A
Matrix: Water Lab File ID: z10049.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/21/2011 14:12
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87212 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	80		46-122
321-60-8	2-Fluorobiphenyl	85		53-108
367-12-4	2-Fluorophenol (Surr)	39		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	86		56-112
4165-62-2	Phenol-d5 (Surr)	22		10-48
1718-51-0	Terphenyl-d14 (Surr)	80		50-122

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10049.d
 Report Date: 22-Sep-2011 10:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10049.d
 Lab Smp Id: LCSD 460-86593/3-A
 Inj Date : 21-SEP-2011 14:12
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : LCSD 460-86593/3-A
 Misc Info : LCSD 460-86593/3-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/8270Cdel_08.m
 Meth Date : 21-Sep-2011 13:09 monica Quant Type: ISTD
 Cal Date : 21-SEP-2011 12:48 Cal File: z10046.d
 Als bottle: 5 QC Sample: LCSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: allh20.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.319	1.296 (0.341)	140782	22.2525	44		
19 N-Nitrosodimethylamine	74	1.525	1.508 (0.394)	183299	22.6270	45		
71 Pyridine	79	1.549	1.531 (0.401)	357007	24.1303	48		
\$ 16 2-Fluorophenol (SUR)	112	2.601	2.602 (0.673)	259950	19.4249	39		
110 Benzaldehyde	77	3.419	3.419 (0.884)	368506	98.8325	200(R)		
\$ 17 Phenol-d5 (SUR)	99	3.519	3.531 (0.910)	164615	10.8357	22		
1 Phenol	94	3.531	3.543 (0.913)	237389	14.4000	29		
73 Aniline	93	3.537	3.537 (0.915)	629978	32.8412	66		
20 bis(2-Chloroethyl)ether	93	3.601	3.613 (0.932)	536999	41.7137	83		
2 2-Chlorophenol	128	3.660	3.660 (0.947)	538724	40.2232	80		
113 n-decane	43	3.725	3.725 (0.963)	522946	41.4842	83		
21 1,3-Dichlorobenzene	146	3.807	3.813 (0.985)	658863	40.8031	82		
* 79 1,4-Dichlorobenzene-d4	152	3.866	3.866 (1.000)	391587	40.0000			
22 1,4-Dichlorobenzene	146	3.884	3.884 (1.005)	674378	41.0616	82		
74 Benzyl Alcohol	108	4.019	4.025 (1.040)	261126	34.9129	70		

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10049.d
Report Date: 22-Sep-2011 10:04

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.037	4.037	(1.044)	622591	41.4732	83
3 2-Methylphenol	108	4.148	4.154	(1.073)	351398	32.1490	64
24 bis (2-chloroisopropyl) ether	45	4.160	4.160	(1.076)	587964	42.5756	85
4 4-Methylphenol	108	4.307	4.313	(1.114)	285447	23.1668	46
121 3 & 4 Methylphenol	108	4.307	4.313	(1.114)	285447	23.1668	46
104 Acetophenone	105	4.284	4.290	(1.108)	692597	41.0935	82
25 N-Nitroso-di-n-propylamine	70	4.295	4.301	(1.111)	347151	42.1299	84
26 Hexachloroethane	117	4.378	4.378	(1.132)	257464	40.7568	82
\$ 76 Nitrobenzene-d5 (SUR)	82	4.431	4.437	(0.860)	579932	42.8870	86
107 N,N-Dimethylaniline	120	4.460	4.466	(1.154)	759326	37.8365	76
27 Nitrobenzene	77	4.454	4.460	(0.864)	775157	41.4884	83
28 Isophorone	82	4.701	4.701	(0.912)	836713	41.9236	84
5 2-Nitrophenol	139	4.778	4.778	(0.927)	272358	41.8714	84
6 2,4-Dimethylphenol	122	4.842	4.848	(0.940)	394280	39.2768	78
29 bis(2-Chloroethoxy)methane	93	4.931	4.931	(0.957)	527894	42.3022	85
7 2,4-Dichlorophenol	162	5.031	5.031	(0.976)	372324	42.9554	86
30 1,2,4-Trichlorobenzene	180	5.107	5.107	(0.991)	436087	41.2678	82
* 80 Naphthalene-d8	136	5.154	5.160	(1.000)	1302142	40.0000	
31 Naphthalene	128	5.178	5.178	(1.005)	1488550	40.6664	81
32 4-Chloroaniline	127	5.242	5.248	(1.017)	519076	40.3824	81
33 Hexachlorobutadiene	225	5.319	5.319	(1.032)	270221	40.7433	81
111 Caprolactam	113	5.590	5.619	(1.084)	19585	7.69616	15
8 4-Chloro-3-methylphenol	107	5.754	5.766	(1.116)	345070	39.6798	79
34 2-Methylnaphthalene	142	5.878	5.878	(1.140)	880914	40.5508	81
120 1-Methylnaphthalene	142	5.972	5.972	(1.159)	7711	0.35481	0.71(a)
35 Hexachlorocyclopentadiene	237	6.048	6.048	(0.876)	204038	38.0364	76
9 2,4,6-Trichlorophenol	196	6.172	6.172	(0.894)	224994	43.8581	88
10 2,4,5-Trichlorophenol	196	6.207	6.213	(0.899)	224770	43.1059	86
\$ 77 2-Fluorobiphenyl (SUR)	172	6.248	6.254	(0.905)	874338	42.6284	85
102 Diphenyl	154	6.348	6.348	(0.919)	1031655	42.9701	86
36 2-Chloronaphthalene	162	6.360	6.360	(0.921)	730646	42.2834	84
103 Diphenyl Ether	170	6.454	6.454	(0.934)	518892	42.8559	86
37 2-Nitroaniline	65	6.466	6.472	(0.936)	273374	54.3916	110
38 Dimethylphthalate	163	6.660	6.666	(0.964)	700307	42.1034	84
40 2,6-Dinitrotoluene	165	6.713	6.719	(0.972)	158963	41.7620	84
39 Acenaphthylene	152	6.766	6.766	(0.980)	1114389	41.7180	83
41 3-Nitroaniline	138	6.878	6.878	(0.996)	159890	41.1069	82
* 82 Acenaphthene-d10	164	6.907	6.907	(1.000)	554548	40.0000	
42 Acenaphthene	154	6.936	6.942	(1.004)	670039	40.5857	81
11 2,4-Dinitrophenol	184	6.978	6.984	(1.010)	67003	32.7858	66
12 4-Nitrophenol	65	7.066	7.072	(1.023)	31675	10.7825	22(a)
44 2,4-Dinitrotoluene	165	7.107	7.113	(1.029)	195368	41.1082	82
43 Dibenzofuran	168	7.107	7.113	(1.029)	922339	42.3392	85
45 Diethylphthalate	149	7.360	7.360	(1.066)	708856	42.6857	85
46 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.079)	335236	42.0514	84
47 Fluorene	166	7.442	7.448	(1.077)	735813	41.4844	83
48 4-Nitroaniline	138	7.478	7.478	(1.083)	129768	40.8545	82

Data File: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b/z10049.d
 Report Date: 22-Sep-2011 10:04

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ug/ml)	(ug/L)
=====	=====		==	=====	=====	=====	=====	=====
13 4,6-Dinitro-2-methylphenol	198		7.507	7.513	(0.899)	91878	37.3272	75
49 N-Nitrosodiphenylamine	169		7.572	7.572	(0.906)	447804	43.1885	86
75 1,2-Diphenylhydrazine	77		7.607	7.607	(0.911)	844964	41.5953	83
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.683	7.684	(1.112)	98525	39.8121	80
50 4-Bromophenyl-phenylether	248		7.931	7.931	(0.949)	186062	42.6136	85
51 Hexachlorobenzene	284		7.989	7.989	(0.956)	196184	41.0085	82
112 Atrazine	200		8.107	8.107	(0.970)	138186	39.1115	78
14 Pentachlorophenol	266		8.183	8.189	(0.980)	98351	41.9991	84
* 83 Phenanthrene-d10	188		8.354	8.360	(1.000)	687856	40.0000	
52 Phenanthrene	178		8.378	8.384	(1.003)	839323	41.5882	83
53 Anthracene	178		8.431	8.431	(1.009)	844660	40.8772	82
54 Carbazole	167		8.595	8.595	(1.029)	667422	41.6323	83
55 Di-n-butylphthalate	149		8.954	8.954	(1.072)	916509	40.9221	82
56 Fluoranthene	202		9.536	9.542	(1.142)	682920	39.9815	80
58 Benzidine	184		9.677	9.678	(1.158)	116310	68.4808	140(R)
57 Pyrene	202		9.760	9.760	(0.886)	653705	40.9707	82
\$ 78 Terphenyl-d14	244		9.925	9.925	(0.901)	452048	40.1410	80
59 Butylbenzylphthalate	149		10.424	10.425	(0.947)	292746	40.9437	82
60 3,3'-Dichlorobenzidine	252		10.983	10.983	(0.997)	143570	45.6392	91
61 Benzo(a)anthracene	228		11.001	11.001	(0.999)	462562	41.1058	82
* 81 Chrysene-d12	240		11.013	11.013	(1.000)	375619	40.0000	
63 bis(2-Ethylhexyl)phthalate	149		11.072	11.078	(1.005)	392604	40.8098	82
62 Chrysene	228		11.042	11.042	(1.003)	456669	42.2399	84
64 Di-n-octylphthalate	149		11.871	11.872	(0.927)	533303	37.8357	76
65 Benzo(b)fluoranthene	252		12.307	12.307	(0.961)	362711	39.9204	80
66 Benzo(k)fluoranthene	252		12.342	12.348	(0.964)	424508	41.4821	83
67 Benzo(a)pyrene	252		12.724	12.724	(0.994)	304926	39.6518	79
* 84 Perylene-d12	264		12.801	12.801	(1.000)	306309	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		14.189	14.183	(1.108)	300839	42.0418	84
69 Dibenz(a,h)anthracene	278		14.218	14.218	(1.111)	307113	43.2208	86
70 Benzo(g,h,i)perylene	276		14.536	14.536	(1.136)	318124	44.5203	89

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

R - Spike/Surrogate failed recovery limits.

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/13/2011 10:32Analysis Batch Number: 86167 End Date: 09/13/2011 14:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-86167/1		09/13/2011 10:32	1	z19784.d	Rtx-5MS 0.25 (mm)
ICIS 460-86167/2		09/13/2011 11:34	1	z19786.d	Rtx-5MS 0.25 (mm)
IC 460-86167/3		09/13/2011 12:17	1	z19787.d	Rtx-5MS 0.25 (mm)
IC 460-86167/4		09/13/2011 13:07	1	z19789.d	Rtx-5MS 0.25 (mm)
IC 460-86167/5		09/13/2011 13:32	1	z19790.d	Rtx-5MS 0.25 (mm)
IC 460-86167/6		09/13/2011 14:23	1	z19792.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/21/2011 12:28Analysis Batch Number: 87212 End Date: 09/21/2011 15:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-87212/1		09/21/2011 12:28	1	z10045.d	Rtx-5MS 0.25 (mm)
CCVIS 460-87212/2		09/21/2011 12:48	1	z10046.d	Rtx-5MS 0.25 (mm)
MB 460-86593/1-A		09/21/2011 13:22	1	z10047.d	Rtx-5MS 0.25 (mm)
LCS 460-86593/2-A		09/21/2011 13:47	1	z10048.d	Rtx-5MS 0.25 (mm)
LCSD 460-86593/3-A		09/21/2011 14:12	1	z10049.d	Rtx-5MS 0.25 (mm)
460-31258-1	GW-17338-091611-MM-01	09/21/2011 14:37	1	z10050.d	Rtx-5MS 0.25 (mm)
460-31258-2	GW-17338-091611-MM-02	09/21/2011 15:02	1	z10051.d	Rtx-5MS 0.25 (mm)
460-31258-3	GW-17338-091611-MM-03	09/21/2011 15:27	1	z10052.d	Rtx-5MS 0.25 (mm)
460-31258-5	FB-17338-091611-MM-05	09/21/2011 15:52	1	z10053.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/21/2011 16:17Analysis Batch Number: 87213 End Date: 09/21/2011 16:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-87213/1		09/21/2011 16:17	1	z10054.d	Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/09-13-11del/13sep11.b

Date Generated: 09/14/2011

Page 1

Date	Data File	ALS	Sample ID	IPB	EXT DATE	IV/	PV	DIL	Inj Vol	Sublist	LOT	COMMENTS
09/13/11 1032	219784.d	1	DETPP-937638			0	0	1	2.0	all	407	86167
09/13/11 1134	219786.d	3	ICIS-1143618			1000	2	1	1.0	all	407	
09/13/11 1217	219787.d	4	IC-1143620			1000	2	1	1.0	all	407	
09/13/11 1307	219789.d	6	IC-1143619			1000	2	1	1.0	all	407	
09/13/11 1332	219790.d	7	IC-1143617			1000	2	1	1.0	all	407	
09/13/11 1423	219792.d	9	IC-1143607			1000	2	1	1.0	all	407	
09/13/11 1459	219793.d	10	ICV			1000	1	1	1.0	all	407	
09/13/11 1535	219794.d	11	ME 460-85284/1-A			15	1	1	1.0	all-so	407	
09/13/11 1600	219795.d	12	460-30616-B-9-D			09/07/11 15.0	1	1	1.0	all-so	407	
09/13/11 1625	219796.d	13	460-30616-B-35-C			09/07/11 15.0	1	1	1.0	all-so	407	
09/13/11 1649	219797.d	14	460-30616-B-33-C			09/07/11 15.0	5	1	1.0	all-so	407	
09/13/11 1714	219798.d	15	460-30617-C-4-D			09/07/11 15.1	1	1	1.0	all-so	407	
09/13/11 1740	219799.d	16	CCV-1143618			1000	2	1	1.0	all	407	
09/13/11 1805	219800.d	17	blank			1000	2	1	1.0	all	407	

Signed: Michael Davis 9/14/11 Read and Understood by: CS. [Signature] 9-15-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i
Analytical Batch: /chem/BNAMS11.i/8270/09-13-11del/21sep11.b

Date Generated: 09/22/2011
Page 1

Date	Data File	AUS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/21/11 1228	z10045.d	1	DFTPP-937638			0	0		1	2.0 all	BNA 4587	87212
09/21/11 1248	z10046.d	2	CCVIS-1143618			1000	2		1	1.0 all	BNA 4587	G-DEL
09/21/11 1322	z10047.d	3	MB 460-86593/1-A	460-86593		1000	2		1	1.0 allh20		G
09/21/11 1347	z10048.d	4	LCS 460-86593/2-A	460-86593		1000	2		1	1.0 allh20		G
09/21/11 1412	z10049.d	5	LCSD 460-86593/3-A	460-86593		1000	2		1	1.0 allh20		G
09/21/11 1437	z10050.d	6	460-31258-I-1-A	460-86593	09/20/11	920	2		1	1.0 allh20		G
09/21/11 1502	z10051.d	7	460-31258-F-2-A	460-86593	09/20/11	1000	2		1	1.0 allh20		G
09/21/11 1527	z10052.d	8	460-31258-H-3-A	460-86593	09/20/11	1000	2		1	1.0 allh20		G
09/21/11 1552	z10053.d	9	460-31258-H-5-A	460-86593	09/20/11	720	2		1	1.0 allh20		G
09/21/11 1617	z10054.d	10	CCV-1143618			1000	2		1	1.0 all	BNA 4587	G

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Signed:  Read and Understood by: 
Date: 09-22-11 Date: 9-23-11

10/25/2011

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86593 Batch Start Date: 09/20/11 07:47 Batch Analyst: Chen, MandiBatch Method: 3510C Batch End Date: 09/20/11 19:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00030
MB 460-86593/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-86593/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD 460-86593/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-31258-I-1	GW-17338-091611-MM-01	3510C, 8270C	T	7	920 mL	2 mL	<2	>12	
460-31258-F-2	GW-17338-091611-MM-02	3510C, 8270C	T	9	1000 mL	2 mL	<2	>12	
460-31258-H-3	GW-17338-091611-MM-03	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-31258-H-5	FB-17338-091611-MM-05	3510C, 8270C	T	7	720 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00023					
MB 460-86593/1		3510C, 8270C		1 mL					
LCS 460-86593/2		3510C, 8270C		1 mL					
LCSD 460-86593/3		3510C, 8270C		1 mL					
460-31258-I-1	GW-17338-091611-MM-01	3510C, 8270C	T	1 mL					
460-31258-F-2	GW-17338-091611-MM-02	3510C, 8270C	T	1 mL					
460-31258-H-3	GW-17338-091611-MM-03	3510C, 8270C	T	1 mL					
460-31258-H-5	FB-17338-091611-MM-05	3510C, 8270C	T	1 mL					

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86593 Batch Start Date: 09/20/11 07:47 Batch Analyst: Chen, MandiBatch Method: 3510C Batch End Date: 09/20/11 19:00

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	K03051
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	MKBF9239V
Concentration End Time	17PM
Concentration Start Time	15PM
Person's name who did the concentration	MC
Final Concentrator Volume	2 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	J51636
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K24E11
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	MC
Person's name who witnessed reagent drop	HP

Basis	Basis Description
T	Total/NA

Method 8270C SIM

Semivolatile Organic Compounds
(GC/MS SIM) by Method 8270C (SIM)

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab File ID: h96752.d Lab Sample ID: MB 460-86593/1-A
Matrix: Water Date Extracted: 09/20/2011 07:47
Instrument ID: BNAMS9 Date Analyzed: 09/25/2011 14:34
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GW-17338-091611-MM-01	460-31258-1	h96753.d	09/25/2011 15:00
GW-17338-091611-MM-02	460-31258-2	h96754.d	09/25/2011 15:25
GW-17338-091611-MM-03	460-31258-3	h96755.d	09/25/2011 15:51
FB-17338-091611-MM-05	460-31258-5	h96756.d	09/25/2011 16:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab File ID: h96717.d DFTPP Injection Date: 09/23/2011
Instrument ID: BNAMS9 DFTPP Injection Time: 14:00
Analysis Batch No.: 87276

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	40.9
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	49.5
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.1
275	10.0 - 30.0 % of mass 198	28.2
365	Greater than 1.0 % of mass 198	4.3
441	Present but less than mass 443	15.9
442	Greater than 40.0 % of mass 198	103.6
443	17.0 - 23.0 % of mass 442	19.9 (19.2) 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
	ICIS 460-87276/2	h96718.d	09/23/2011	14:44
	IC 460-87276/3	h96719.d	09/23/2011	15:26
	IC 460-87276/4	h96720.d	09/23/2011	15:52
	IC 460-87276/5	h96721.d	09/23/2011	16:18
	IC 460-87276/6	h96722.d	09/23/2011	16:43
	IC 460-87276/7	h96723.d	09/23/2011	17:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab File ID: h96748.d DFTPP Injection Date: 09/25/2011
Instrument ID: BNAMS9 DFTPP Injection Time: 12:08
Analysis Batch No.: 87284

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	47.1
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	43.2
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	53.2
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	28.4
365	Greater than 1.0 % of mass 198	3.5
441	Present but less than mass 443	15.1
442	Greater than 40.0 % of mass 198	98.6
443	17.0 - 23.0 % of mass 442	20.3 (20.5) 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
	CCVIS 460-87284/2	h96749.d	09/25/2011	13:14
	MB 460-86593/1-A	h96752.d	09/25/2011	14:34
GW-17338-091611-MM-01	460-31258-1	h96753.d	09/25/2011	15:00
GW-17338-091611-MM-02	460-31258-2	h96754.d	09/25/2011	15:25
GW-17338-091611-MM-03	460-31258-3	h96755.d	09/25/2011	15:51
FB-17338-091611-MM-05	460-31258-5	h96756.d	09/25/2011	16:17

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVIS 460-87284/2 Date Analyzed: 09/25/2011 13:14
 Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): h96749.d Heated Purge: (Y/N) N
 Calibration ID: 12366

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	6835	3.87	22734	5.16	10401	6.91
UPPER LIMIT	13670	4.37	45468	5.66	20802	7.41
LOWER LIMIT	3418	3.37	11367	4.66	5201	6.41
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-86593/1-A		5752	3.86	20982	5.16	10376 6.91
460-31258-1	GW-17338-091611-MM-01	5537	3.86	19662	5.16	9806 6.91
460-31258-2	GW-17338-091611-MM-02	6412	3.87	21648	5.16	10657 6.91
460-31258-3	GW-17338-091611-MM-03	5244	3.87	18365	5.16	9887 6.91
460-31258-5	FB-17338-091611-MM-05	5196	3.86	18736	5.16	9013 6.91

DCB = 1,4-Dichlorobenzene-d4
 NPT = Naphthalene-d8
 ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Sample No.: CCVIS 460-87284/2 Date Analyzed: 09/25/2011 13:14
Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): h96749.d Heated Purge: (Y/N) N
Calibration ID: 12366

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	15003	8.37	13304	11.02	11399	12.82
UPPER LIMIT	30006	8.87	26608	11.52	22798	13.32
LOWER LIMIT	7502	7.87	6652	10.52	5700	12.32
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-86593/1-A		15967	8.37	14448	11.02	14087 12.82
460-31258-1	GW-17338-091611-MM-01	14951	8.37	12763	11.03	12436 12.81
460-31258-2	GW-17338-091611-MM-02	14679	8.37	11844	11.02	10482 12.81
460-31258-3	GW-17338-091611-MM-03	14918	8.37	12711	11.02	11568 12.82
460-31258-5	FB-17338-091611-MM-05	13953	8.37	11787	11.03	11034 12.81

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1
Matrix: Water Lab File ID: h96753.d
Analysis Method: 8270C SIM Date Collected: 09/16/2011 08:30
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 920 (mL) Date Analyzed: 09/25/2011 15:00
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.054	U	0.054	0.022
50-32-8	Benzo[a]pyrene	0.054	U	0.054	0.033
205-99-2	Benzo[b]fluoranthene	0.054	U	0.054	0.043
87-86-5	Pentachlorophenol	0.22	U	0.22	0.15
118-74-1	Hexachlorobenzene	0.022	U	0.022	0.011

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96753.d
 Report Date: 26-Sep-2011 10:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96753.d
 Lab Smp Id: 460-31258-I-1-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 25-SEP-2011 15:00
 Operator : BNAMS 4 Inst ID: BNAMS9.i
 Smp Info : 460-31258-I-1-A
 Misc Info : 460-31258-I-1-A
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/simpah.m
 Meth Date : 26-Sep-2011 09:38 czhao Quant Type: ISTD
 Cal Date : 23-SEP-2011 17:09 Cal File: h96723.d
 Als bottle: 37
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	920.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	152	3.864	3.874	(1.000)	5537	1.00000		
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	19662	1.00000		
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	9806	1.00000		
* 83 Phenanthrene-d10	188	8.367	8.367	(1.000)	14951	1.00000		
* 81 Chrysene-d12	240	11.025	11.024	(1.000)	12763	1.00000		(M)
* 84 Perylene-d12	264	12.811	12.817	(1.000)	12436	1.00000		

QC Flag Legend

M - Compound response manually integrated.

Data File: h96753.d

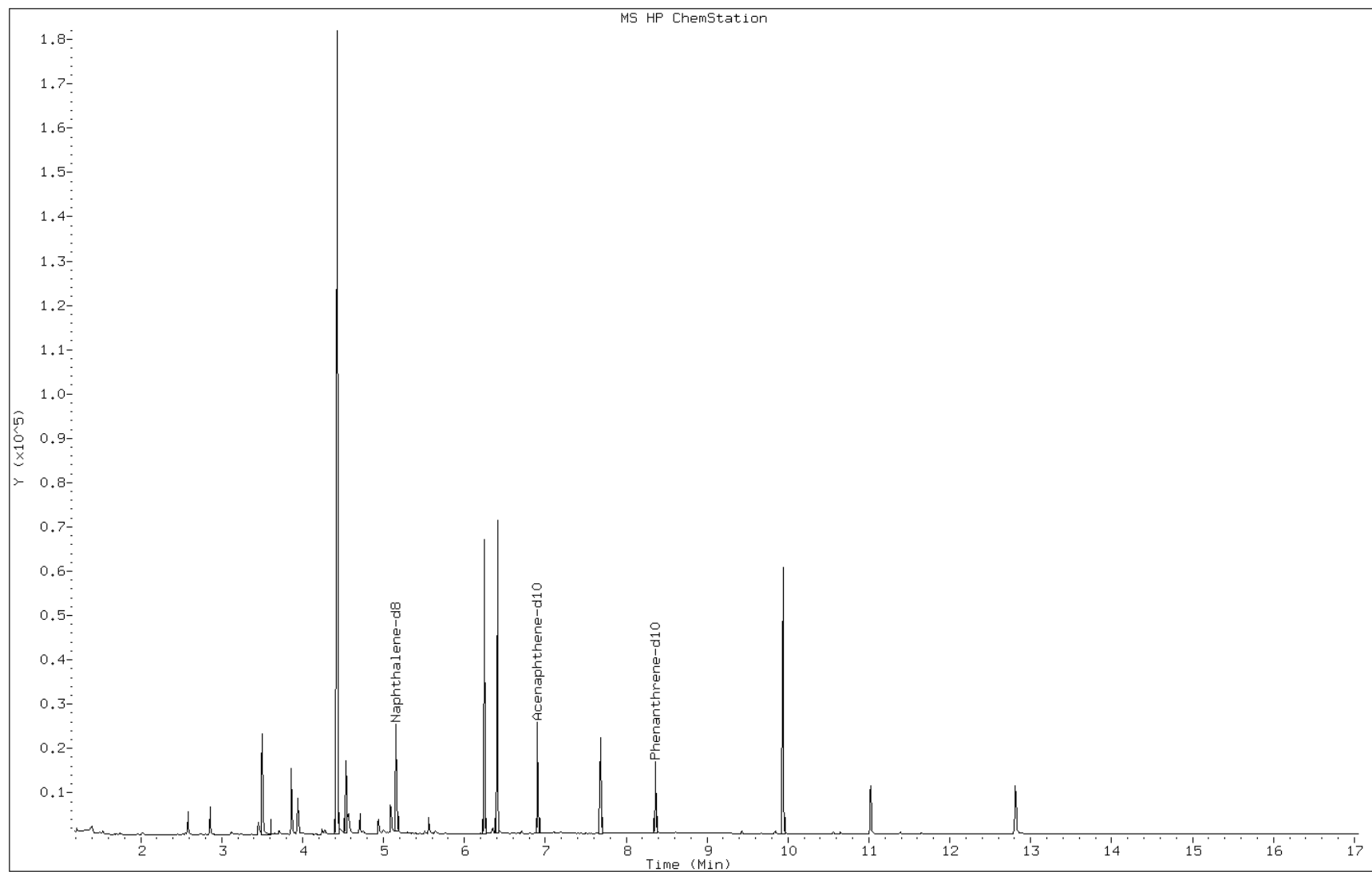
Date: 25-SEP-2011 15:00

Client ID: GW-17338-091611-MM-

Instrument: BNAMS9.i

Sample Info: 460-31258-I-1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
Matrix: Water Lab File ID: h96754.d
Analysis Method: 8270C SIM Date Collected: 09/16/2011 10:50
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000 (mL) Date Analyzed: 09/25/2011 15:25
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96754.d
 Report Date: 26-Sep-2011 10:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96754.d
 Lab Smp Id: 460-31258-F-2-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 25-SEP-2011 15:25
 Operator : BNAMS 4 Inst ID: BNAMS9.i
 Smp Info : 460-31258-F-2-A
 Misc Info : 460-31258-F-2-A
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/simpah.m
 Meth Date : 26-Sep-2011 09:38 czhao Quant Type: ISTD
 Cal Date : 23-SEP-2011 17:09 Cal File: h96723.d
 Als bottle: 38
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874	(1.000)	6412	1.00000		
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	21648	1.00000		
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	10657	1.00000		
* 83 Phenanthrene-d10	188	8.367	8.367	(1.000)	14679	1.00000		
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	11844	1.00000		(M)
* 84 Perylene-d12	264	12.809	12.817	(1.000)	10482	1.00000		

QC Flag Legend

M - Compound response manually integrated.

Data File: h96754.d

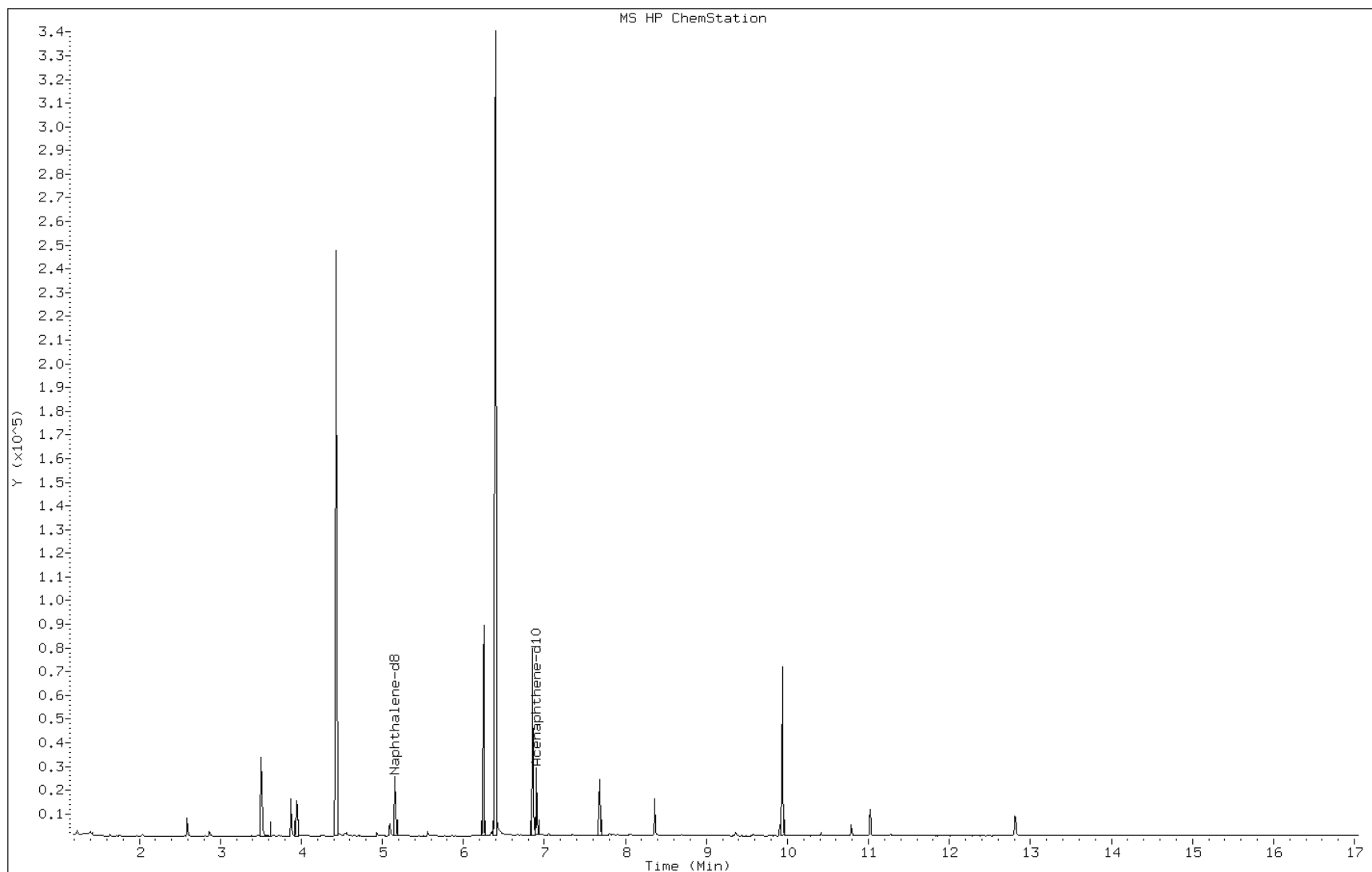
Date: 25-SEP-2011 15:25

Client ID: GW-17338-091611-MM-

Instrument: BNAMS9.i

Sample Info: 460-31258-F-2-A

Operator: BNAMS 4



Manual Integration Report

Data File: h96754.d
Inj. Date and Time: 25-SEP-2011 15:25
Instrument ID: BNAMS9.i
Client ID: GW-17338-091611-MM-
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 09/26/2011

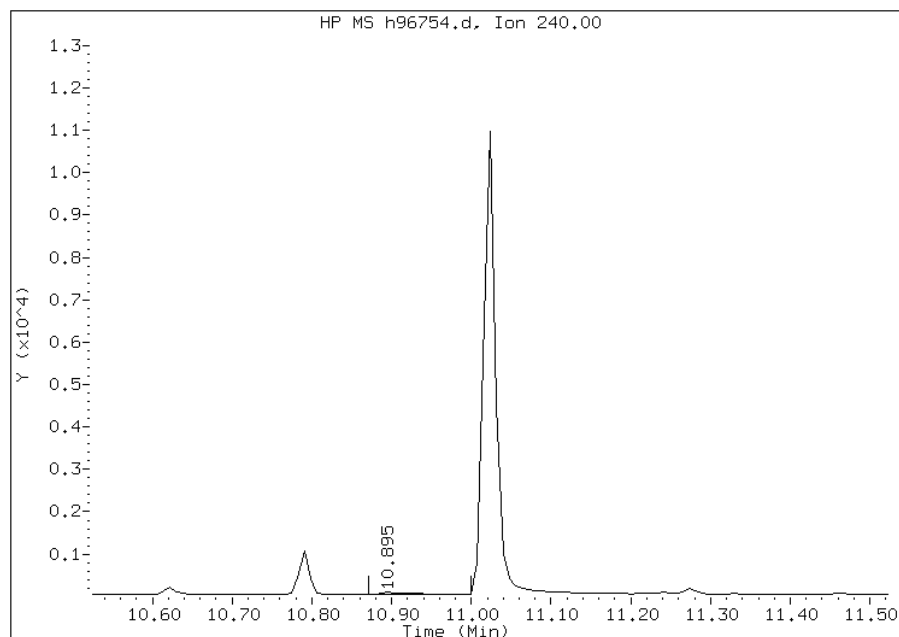
Processing Integration Results

RT: 10.90

Response: 134

Amount: 1

Conc: 2



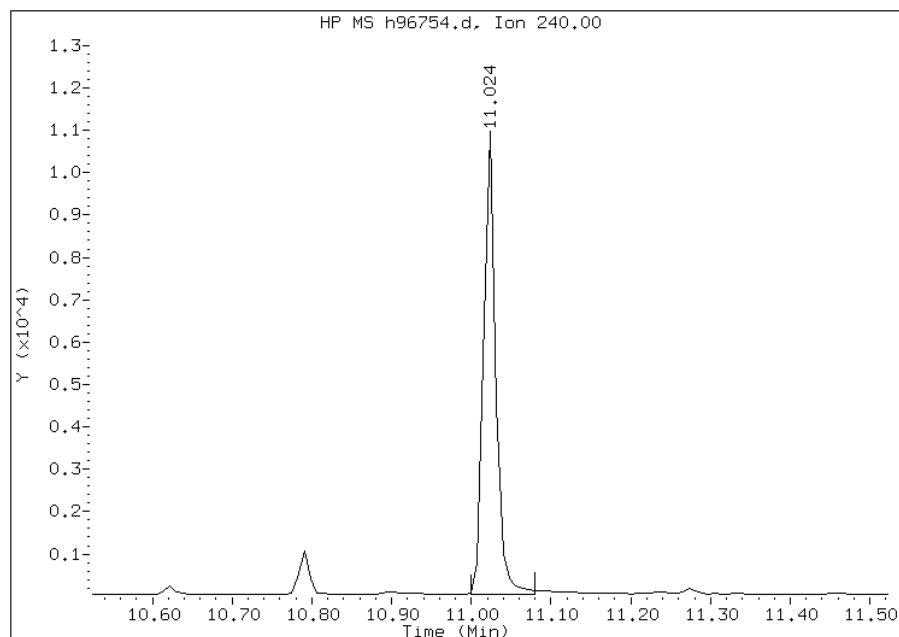
Manual Integration Results

RT: 11.02

Response: 11844

Amount: 1

Conc: 2



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
Matrix: Water Lab File ID: h96755.d
Analysis Method: 8270C SIM Date Collected: 09/16/2011 12:15
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000 (mL) Date Analyzed: 09/25/2011 15:51
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96755.d
 Report Date: 26-Sep-2011 10:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96755.d
 Lab Smp Id: 460-31258-H-3-A Client Smp ID: GW-17338-091611-MM-
 Inj Date : 25-SEP-2011 15:51
 Operator : BNAMS 4 Inst ID: BNAMS9.i
 Smp Info : 460-31258-H-3-A
 Misc Info : 460-31258-H-3-A
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/simpah.m
 Meth Date : 26-Sep-2011 09:38 czhao Quant Type: ISTD
 Cal Date : 23-SEP-2011 17:09 Cal File: h96723.d
 Als bottle: 39
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
=====	=====	=====	==	=====	=====	=====	(ug/ml)	(ug/L)
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874	(1.000)	5244	1.00000		
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	18365	1.00000		
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	9887	1.00000		
* 83 Phenanthrene-d10	188	8.368	8.367	(1.000)	14918	1.00000		
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	12711	1.00000		(M)
* 84 Perylene-d12	264	12.817	12.817	(1.000)	11568	1.00000		

QC Flag Legend

M - Compound response manually integrated.

Data File: h96755.d

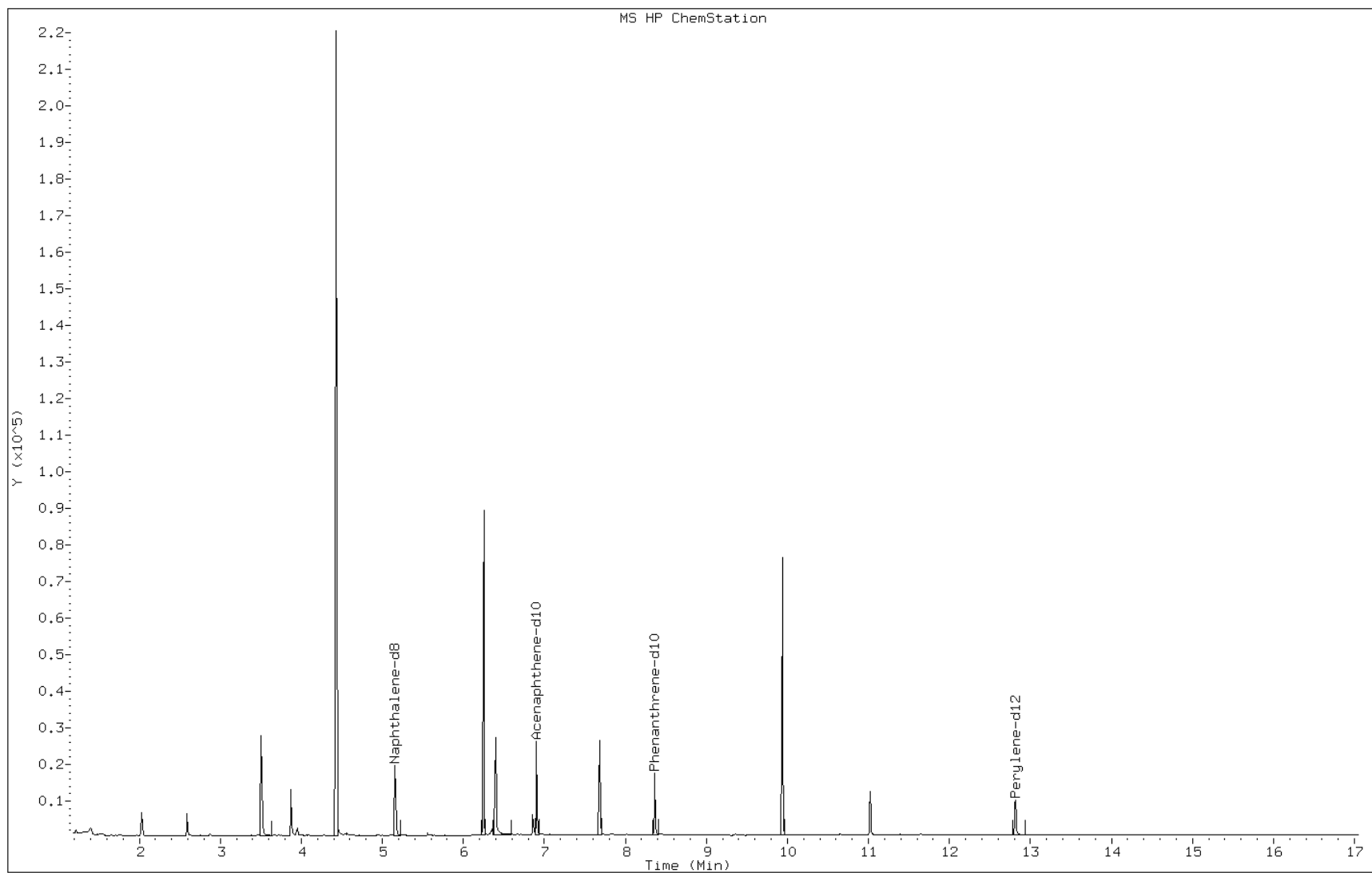
Date: 25-SEP-2011 15:51

Client ID: GW-17338-091611-MM-

Instrument: BNAMS9.i

Sample Info: 460-31258-H-3-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: FB-17338-091611-MM-05 Lab Sample ID: 460-31258-5
Matrix: Water Lab File ID: h96756.d
Analysis Method: 8270C SIM Date Collected: 09/16/2011 07:30
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 720 (mL) Date Analyzed: 09/25/2011 16:17
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.069	U	0.069	0.028
50-32-8	Benzo[a]pyrene	0.069	U	0.069	0.042
205-99-2	Benzo[b]fluoranthene	0.069	U	0.069	0.056
87-86-5	Pentachlorophenol	0.28	U	0.28	0.19
118-74-1	Hexachlorobenzene	0.028	U	0.028	0.014

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96756.d
 Report Date: 26-Sep-2011 10:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96756.d
 Lab Smp Id: 460-31258-H-5-A Client Smp ID: FB-17338-091611-MM-
 Inj Date : 25-SEP-2011 16:17
 Operator : BNAMS 4 Inst ID: BNAMS9.i
 Smp Info : 460-31258-H-5-A
 Misc Info : 460-31258-H-5-A
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/simpah.m
 Meth Date : 26-Sep-2011 09:38 czhao Quant Type: ISTD
 Cal Date : 23-SEP-2011 17:09 Cal File: h96723.d
 Als bottle: 40
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	720.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	152	3.864	3.874	(1.000)	5196	1.00000		
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	18736	1.00000		
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	9013	1.00000		
* 83 Phenanthrene-d10	188	8.367	8.367	(1.000)	13953	1.00000		
* 81 Chrysene-d12	240	11.025	11.024	(1.000)	11787	1.00000		(M)
* 84 Perylene-d12	264	12.811	12.817	(1.000)	11034	1.00000		

QC Flag Legend

M - Compound response manually integrated.

Data File: h96756.d

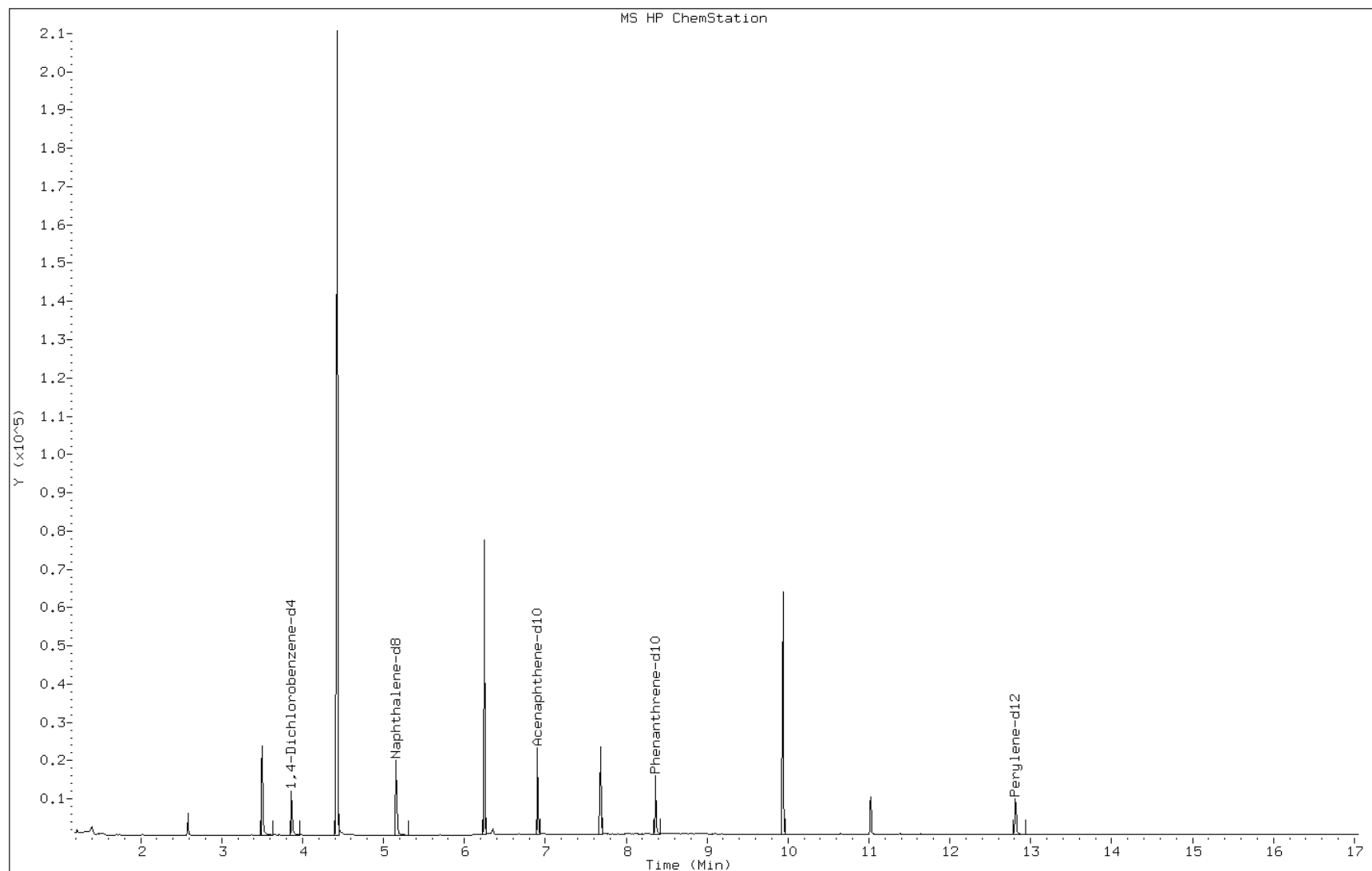
Date: 25-SEP-2011 16:17

Client ID: FB-17338-091611-MM-

Instrument: BNAMS9.i

Sample Info: 460-31258-H-5-A

Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87276

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2011 14:44 Calibration End Date: 09/23/2011 17:09 Calibration ID: 12366

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87276/3	h96719.d
Level 2	IC 460-87276/4	h96720.d
Level 3	ICIS 460-87276/2	h96718.d
Level 4	IC 460-87276/5	h96721.d
Level 5	IC 460-87276/6	h96722.d
Level 6	IC 460-87276/7	h96723.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	0.4943 0.5036	0.4232	0.4556	0.4638	0.4869	Ave		0.4713				6.3		15.0			
Naphthalene	1.9187 1.1545	1.4993	1.3661	1.1905	1.1781	LinF		1.1616							0.9996		0.9900
Acenaphthylene	2.5578 1.8628	2.0628	2.0024	1.9038	1.9245	Ave		2.0524				12.6		15.0			
Acenaphthene	1.5209 1.1744	1.2914	1.2591	1.2173	1.2364	Ave		1.2832				9.6		30.0			
Fluorene	1.8051 1.3170	1.5239	1.5456	1.4017	1.3455	Ave		1.4898				12.1		15.0			
Hexachlorobenzene	0.4519 0.3601	0.3748	0.3461	0.3640	0.3685	Ave		0.3776				10.0		15.0			
Pentachlorophenol	0.1795 0.1523	0.1303	0.1535	0.1357	0.1399	Ave		0.1485				11.9		30.0			
Phenanthrene	1.8561 1.3057	1.5214	1.4000	1.3339	1.3251	Ave		1.4570				14.5		15.0			
Anthracene	1.2502 1.1346	1.0437	1.1592	1.1659	1.1117	Ave		1.1442				6.0		15.0			
Fluoranthene	1.4488 1.1923	1.3340	1.3114	1.2140	1.2096	Ave		1.2850				7.7		30.0			
Pyrene	1.8034 1.3853	1.4473	1.4488	1.4236	1.4249	Ave		1.4889				10.5		15.0			
Benzo[a]anthracene	1.2841 1.0468	1.1144	1.1443	1.0521	1.0484	Ave		1.1150				8.3		15.0			
Chrysene	1.6607 1.2500	1.4681	1.4172	1.3394	1.3048	Ave		1.4067				10.4		15.0			
Benzo[b]fluoranthene	1.4852 1.5892	1.3012	1.3321	1.5132	1.4543	Ave		1.4459				7.6		15.0			
Benzo[k]fluoranthene	1.6755 1.7574	1.6970	1.6880	1.6920	1.9644	Ave		1.7457				6.4		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 Edison Job No.: 460-31258-1 Analy Batch No.: 87276

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2011 14:44 Calibration End Date: 09/23/2011 17:09 Calibration ID: 12366

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[a]pyrene	1.2762 1.2861	0.9945	1.1465	1.1498	1.2732	Ave		1.1877				9.6		30.0			
Indeno[1,2,3-cd]pyrene	1.1531 1.3386	1.1132	1.1261	1.1259	1.2347	Ave		1.1819				7.5		15.0			
Dibenz(a,h)anthracene	1.3285 1.4602	1.2336	1.1200	1.2166	1.3407	Ave		1.2833				9.2		15.0			
Benzo[g,h,i]perylene	1.5412 1.5443	1.3161	1.3396	1.3283	1.4485	Ave		1.4197				7.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87276

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2011 14:44 Calibration End Date: 09/23/2011 17:09 Calibration ID: 12366

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87276/3	h96719.d
Level 2	IC 460-87276/4	h96720.d
Level 3	ICIS 460-87276/2	h96718.d
Level 4	IC 460-87276/5	h96721.d
Level 5	IC 460-87276/6	h96722.d
Level 6	IC 460-87276/7	h96723.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	287 20818	594	1259	3607	7796	0.100 5.00	0.250	0.500	1.00	2.00
Naphthalene	NPT	LinF	978 65123	1461	2695	16036	32337	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthylene	ANT	Ave	666 54509	1091	2139	13278	27465	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthene	ANT	Ave	396 34366	683	1345	8490	17644	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluorene	ANT	Ave	470 38538	806	1651	9776	19201	0.0250 2.00	0.0500	0.100	0.500	1.00
Hexachlorobenzene	PHN	Ave	71 38802	153	598	7686	15704	0.0100 5.00	0.0250	0.100	1.00	2.00
Pentachlorophenol	PHN	Ave	282 16406	532	1326	2866	5963	0.100 5.00	0.250	0.500	1.00	2.00
Phenanthrene	PHN	Ave	729 56270	1242	2419	14082	28233	0.0250 2.00	0.0500	0.100	0.500	1.00
Anthracene	PHN	Ave	491 48898	852	2003	12308	23687	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluoranthene	PHN	Ave	569 51383	1089	2266	12816	25774	0.0250 2.00	0.0500	0.100	0.500	1.00
Pyrene	CRY	Ave	632 53314	1113	2384	13501	26997	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]anthracene	CRY	Ave	450 40286	857	1883	9978	19863	0.0250 2.00	0.0500	0.100	0.500	1.00
Chrysene	CRY	Ave	582 48109	1129	2332	12703	24721	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[b]fluoranthene	PRY	Ave	398 40998	789	1759	9842	18199	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[k]fluoranthene	PRY	Ave	449 45337	1029	2229	11005	24583	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]pyrene	PRY	Ave	342 33179	603	1514	7478	15933	0.0250 2.00	0.0500	0.100	0.500	1.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 87276

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2011 14:44 Calibration End Date: 09/23/2011 17:09 Calibration ID: 12366

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
Indeno[1,2,3-cd]pyrene	PRY	Ave	309 34533	675	1487	7323	15451	0.0250 2.00	0.0500	0.100	0.500	1.00
Dibenz(a,h)anthracene	PRY	Ave	356 37670	748	1479	7913	16778	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[g,h,i]perylene	PRY	Ave	413 39840	798	1769	8639	18126	0.0250 2.00	0.0500	0.100	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

LinF = Linear ISTD forced zero

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96718.d
Report Date: 23-Sep-2011 22:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96718.d
Lab Smp Id: ICIS-1019053
Inj Date : 23-SEP-2011 14:44
Operator : BNAMS 4
Smp Info : ICIS-1019053
Misc Info : bna-4565
Comment :
Method : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/simpah.m
Meth Date : 23-Sep-2011 22:42 wahied
Cal Date : 23-SEP-2011 14:44
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1

Inst ID: BNAMS9.i
Quant Type: ISTD
Cal File: h96718.d
Calibration Sample, Level: 3
Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)
							ON-COL (ug/ml)
19 N-Nitrosodimethylamine	74	1.515	1.515	(0.391)	1259	0.50000	0.48
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874	(1.000)	5527	1.00000	
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	19728	1.00000	
31 Naphthalene	128	5.175	5.175	(1.004)	2695	0.10000	0.099
39 Acenaphthylene	152	6.770	6.770	(0.980)	2139	0.10000	0.098
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	10682	1.00000	
42 Acenaphthene	154	6.935	6.935	(1.004)	1345	0.10000	0.098
47 Fluorene	166	7.452	7.452	(1.079)	1651	0.10000	0.10
51 Hexachlorobenzene	284	7.997	7.997	(0.956)	598	0.10000	0.092
14 Pentachlorophenol	266	8.202	8.202	(0.980)	1326	0.50000	0.52
* 83 Phenanthrene-d10	188	8.367	8.367	(1.000)	17279	1.00000	
52 Phenanthrene	178	8.387	8.387	(1.002)	2419	0.10000	0.096
53 Anthracene	178	8.445	8.445	(1.009)	2003	0.10000	0.10
56 Fluoranthene	202	9.552	9.552	(1.142)	2266	0.10000	0.10
57 Pyrene	202	9.769	9.769	(1.000)	2384	0.10000	0.097

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96718.d
 Report Date: 23-Sep-2011 22:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
61 Benzo(a)anthracene	228	11.016	11.016	(1.000)	1883	0.10000	0.10
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	16455	1.00000	(M)
62 Chrysene	228	11.056	11.056	(1.000)	2332	0.10000	0.10
65 Benzo(b)fluoranthene	252	12.327	12.327	(0.962)	1759	0.10000	0.092
66 Benzo(k)fluoranthene	252	12.359	12.359	(0.964)	2229	0.10000	0.097
67 Benzo(a)pyrene	252	12.745	12.745	(0.994)	1514	0.10000	0.096
* 84 Perylene-d12	264	12.817	12.817	(1.000)	13205	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.200	14.200	(1.108)	1487	0.10000	0.095
69 Dibenz(a,h)anthracene	278	14.241	14.241	(1.111)	1479	0.10000	0.087
70 Benzo(g,h,i)perylene	276	14.554	14.554	(1.136)	1769	0.10000	0.094

QC Flag Legend

M - Compound response manually integrated.

Data File: h96718.d

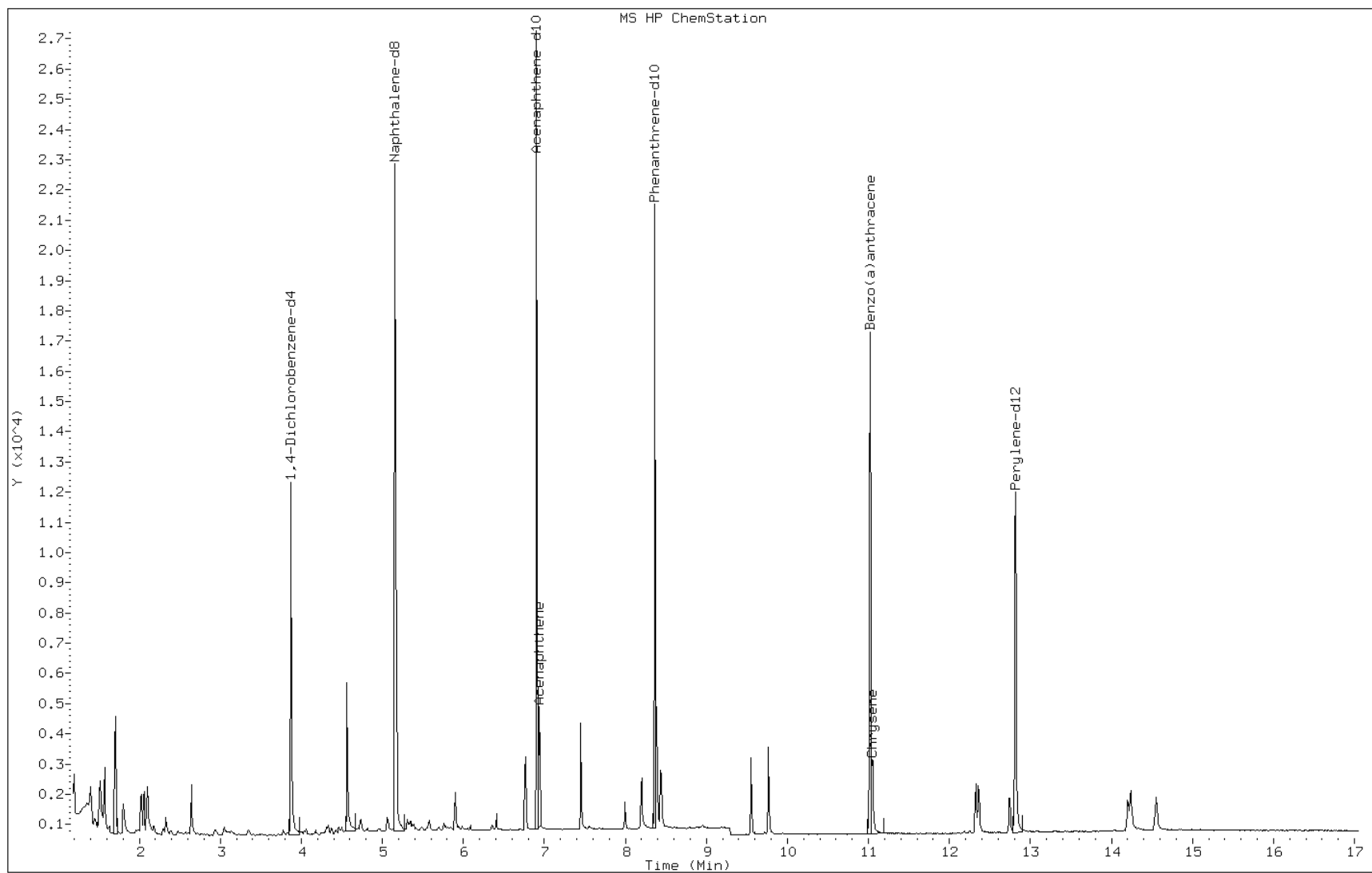
Date: 23-SEP-2011 14:44

Client ID:

Instrument: BNAMS9.i

Sample Info: ICIS-1019053

Operator: BNAMS 4



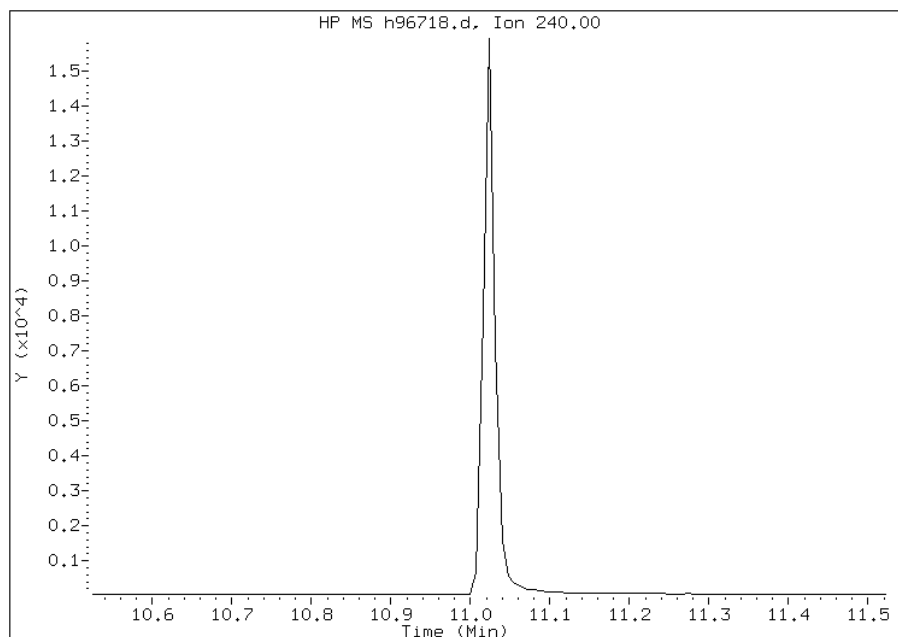
Manual Integration Report

Data File: h96718.d
Inj. Date and Time: 23-SEP-2011 14:44
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 09/26/2011

Processing Integration Results

Not Detected

Expected RT: 11.02



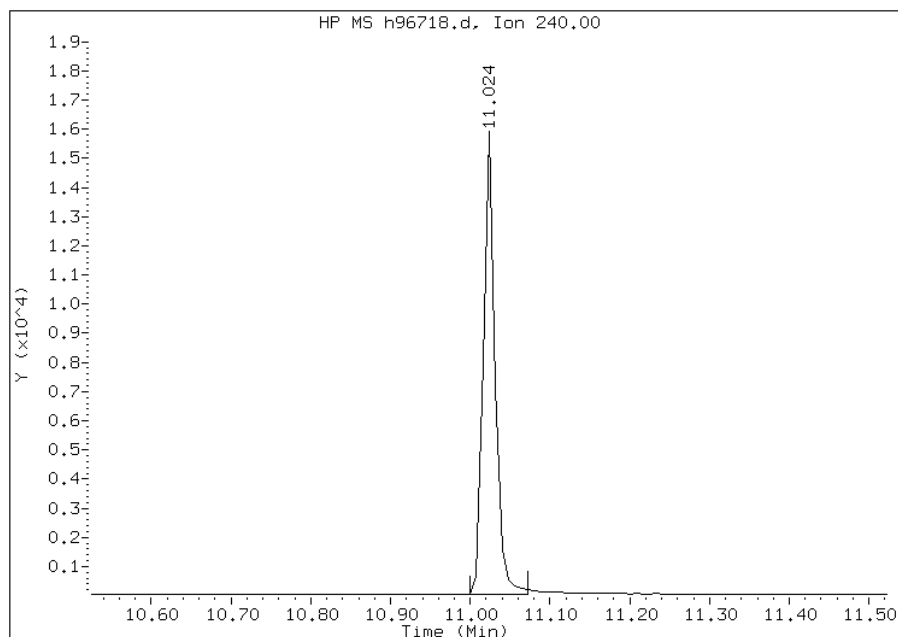
Manual Integration Results

RT: 11.02

Response: 16455

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96719.d
 Report Date: 24-Sep-2011 18:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96719.d
 Lab Smp Id: IC-1019050
 Inj Date : 23-SEP-2011 15:26
 Operator : BNAMS 4
 Smp Info : IC-1019050
 Misc Info : bna-4584
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/simpah.m
 Meth Date : 24-Sep-2011 18:32 czhao
 Cal Date : 23-SEP-2011 15:26
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h96719.d
 Calibration Sample, Level: 1
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====		=====	=====
19 N-Nitrosodimethylamine	74	1.525	1.525	(0.394)	287		0.10000	0.10
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874	(1.000)	5806		1.00000	
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	20389		1.00000	(M)
31 Naphthalene	128	5.175	5.175	(1.004)	978		0.02500	0.041
39 Acenaphthylene	152	6.770	6.770	(0.980)	666		0.02500	0.031
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	10415		1.00000	
42 Acenaphthene	154	6.935	6.935	(1.004)	396		0.02500	0.030
47 Fluorene	166	7.452	7.452	(1.079)	470		0.02500	0.030
51 Hexachlorobenzene	284	7.997	7.997	(0.956)	71		0.01000	0.012(M)
14 Pentachlorophenol	266	8.202	8.202	(0.980)	282		0.10000	0.12
* 83 Phenanthrene-d10	188	8.368	8.368	(1.000)	15710		1.00000	
52 Phenanthrene	178	8.387	8.387	(1.002)	729		0.02500	0.032
53 Anthracene	178	8.445	8.445	(1.009)	491		0.02500	0.027
56 Fluoranthene	202	9.552	9.552	(1.142)	569		0.02500	0.028
57 Pyrene	202	9.769	9.769	(1.000)	632		0.02500	0.030

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96719.d
 Report Date: 24-Sep-2011 18:32

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
61 Benzo(a)anthracene	228	11.016	11.016	(1.000)	450	0.02500	0.029
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	14018	1.00000	(M)
62 Chrysene	228	11.056	11.056	(1.000)	582	0.02500	0.030
65 Benzo(b)fluoranthene	252	12.335	12.335	(0.962)	398	0.02500	0.026
66 Benzo(k)fluoranthene	252	12.367	12.367	(0.965)	449	0.02500	0.024(a)
67 Benzo(a)pyrene	252	12.745	12.745	(0.994)	342	0.02500	0.027
* 84 Perylene-d12	264	12.817	12.817	(1.000)	10719	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.216	14.216	(1.109)	309	0.02500	0.024(a)
69 Dibenzo(a,h)anthracene	278	14.249	14.249	(1.112)	356	0.02500	0.026
70 Benzo(g,h,i)perylene	276	14.562	14.562	(1.136)	413	0.02500	0.027

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: h96719.d

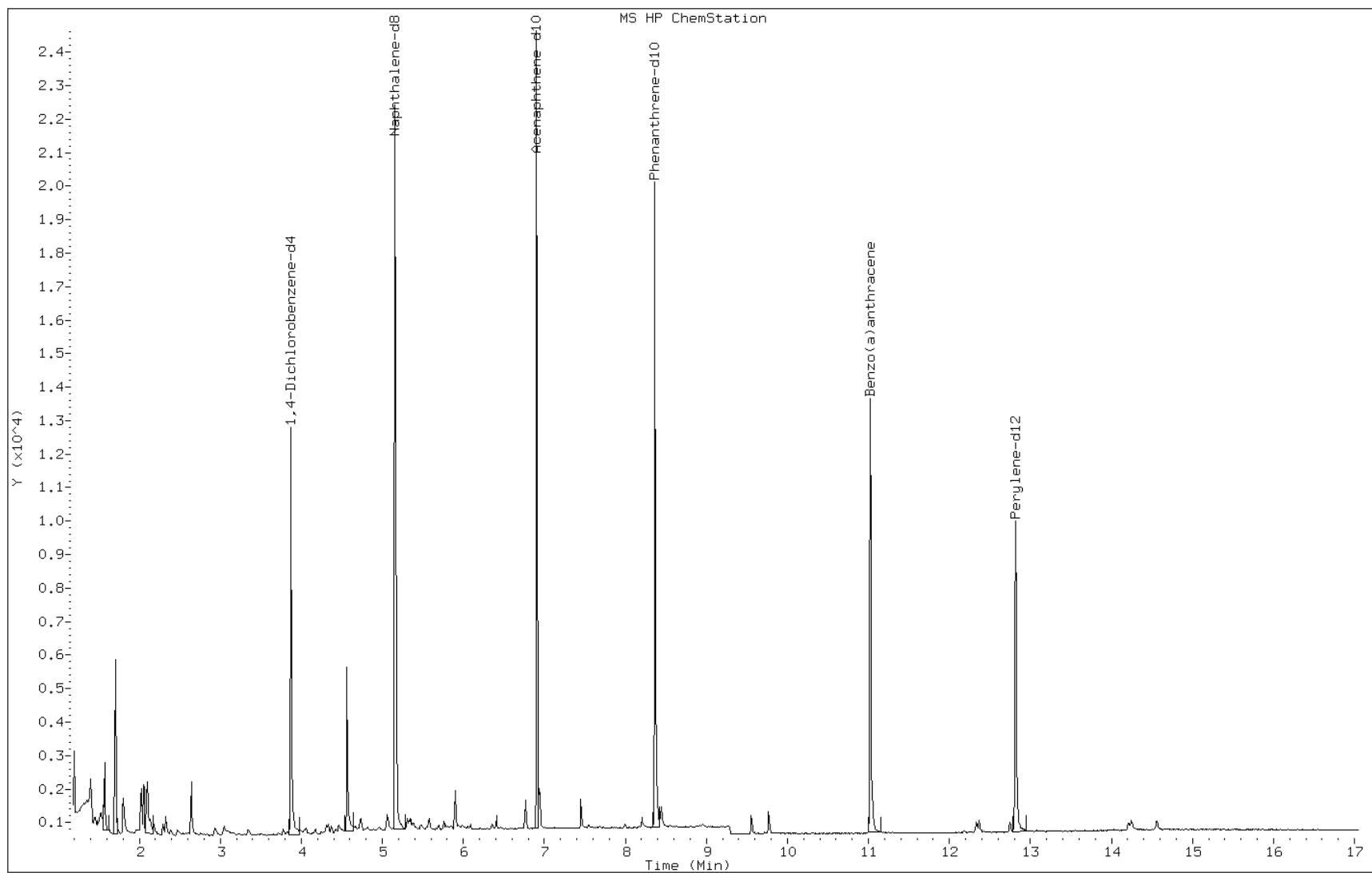
Date: 23-SEP-2011 15:26

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1019050

Operator: BNAMS 4

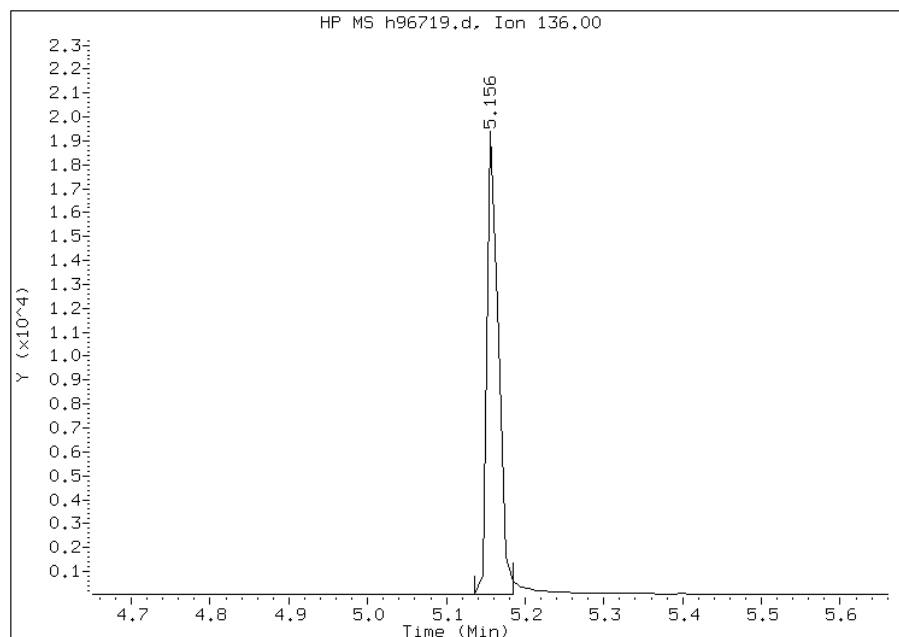


Manual Integration Report

Data File: h96719.d
Inj. Date and Time: 23-SEP-2011 15:26
Instrument ID: BNAMS9.i
Client ID:
Compound: 80 Naphthalene-d8
CAS #: 1146-65-2
Report Date: 09/26/2011

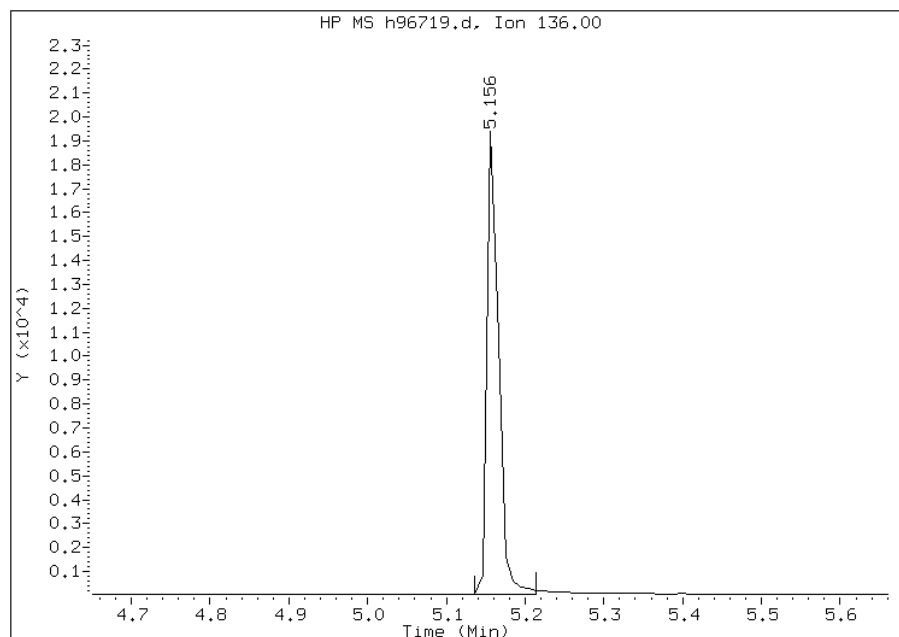
Processing Integration Results

RT: 5.16
Response: 20008
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.16
Response: 20389
Amount: 1
Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

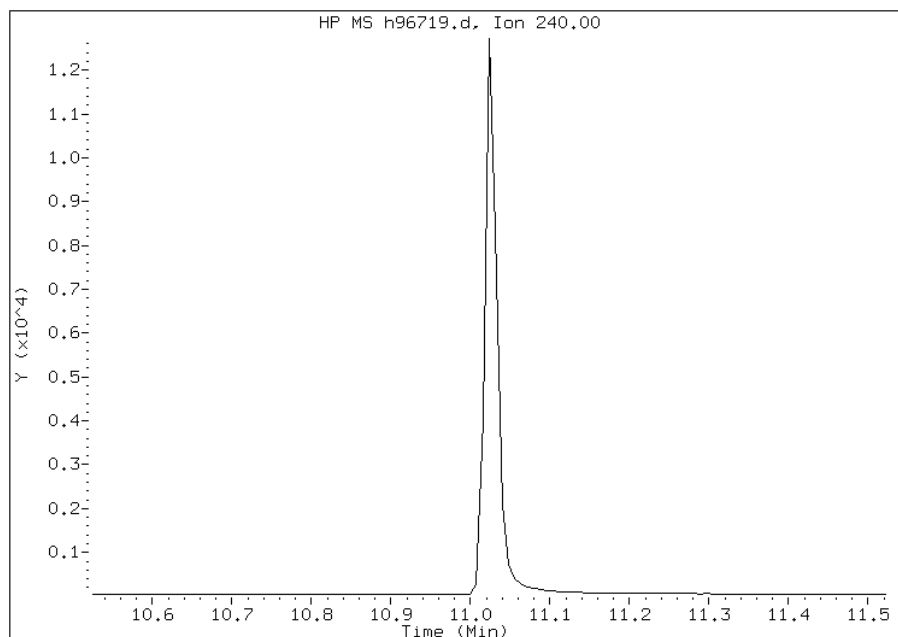
Manual Integration Report

Data File: h96719.d
Inj. Date and Time: 23-SEP-2011 15:26
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 09/26/2011

Processing Integration Results

Not Detected

Expected RT: 11.02



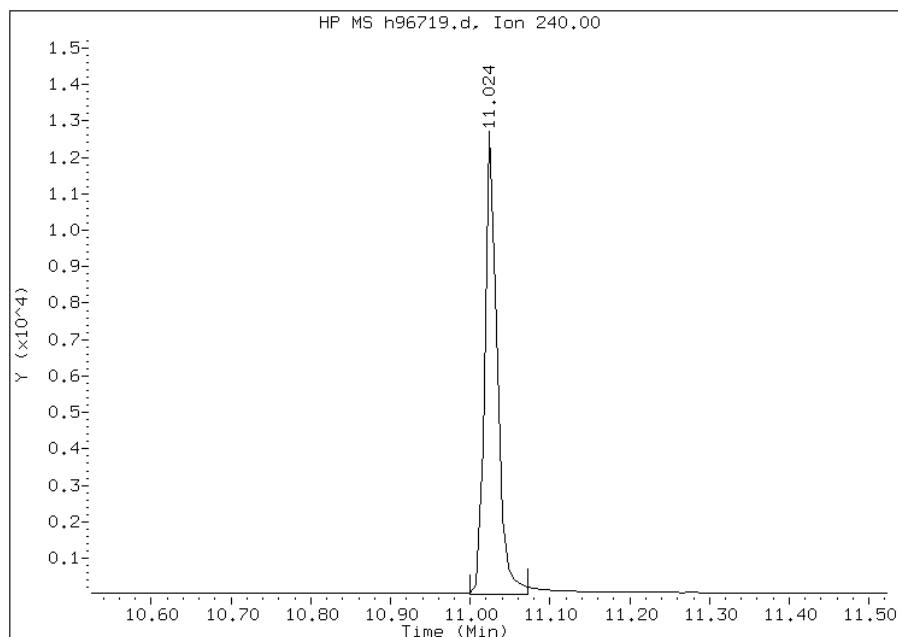
Manual Integration Results

RT: 11.02

Response: 14018

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96720.d
 Report Date: 24-Sep-2011 18:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96720.d
 Lab Smp Id: IC-1019052
 Inj Date : 23-SEP-2011 15:52
 Operator : BNAMS 4
 Smp Info : IC-1019052
 Misc Info : bna-4584
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/simpah.m
 Meth Date : 24-Sep-2011 18:32 czhao
 Cal Date : 23-SEP-2011 15:52
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h96720.d
 Calibration Sample, Level: 2
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
19 N-Nitrosodimethylamine	74	1.525	1.525	(0.394)	594	0.25000	0.22
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874	(1.000)	5614	1.00000	
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	19489	1.00000	
31 Naphthalene	128	5.175	5.175	(1.004)	1461	0.05000	0.064
39 Acenaphthylene	152	6.770	6.770	(0.980)	1091	0.05000	0.050
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	10578	1.00000	
42 Acenaphthene	154	6.935	6.935	(1.004)	683	0.05000	0.050
47 Fluorene	166	7.452	7.452	(1.079)	806	0.05000	0.051
51 Hexachlorobenzene	284	7.997	7.997	(0.956)	153	0.02500	0.025
14 Pentachlorophenol	266	8.202	8.202	(0.980)	532	0.25000	0.22
* 83 Phenanthrene-d10	188	8.368	8.368	(1.000)	16327	1.00000	
52 Phenanthrene	178	8.387	8.387	(1.002)	1242	0.05000	0.052
53 Anthracene	178	8.446	8.446	(1.009)	852	0.05000	0.046
56 Fluoranthene	202	9.552	9.552	(1.142)	1089	0.05000	0.052
57 Pyrene	202	9.769	9.769	(1.000)	1113	0.05000	0.049

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96720.d
 Report Date: 24-Sep-2011 18:32

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
61 Benzo(a)anthracene	228	11.008	11.008	(1.000)	857	0.05000	0.050
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	15380	1.00000	(M)
62 Chrysene	228	11.056	11.056	(1.000)	1129	0.05000	0.052
65 Benzo(b)fluoranthene	252	12.327	12.327	(0.962)	789	0.05000	0.045(M)
66 Benzo(k)fluoranthene	252	12.359	12.359	(0.965)	1029	0.05000	0.049
67 Benzo(a)pyrene	252	12.737	12.737	(0.994)	603	0.05000	0.042
* 84 Perylene-d12	264	12.809	12.809	(1.000)	12127	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.209	14.209	(1.109)	675	0.05000	0.047(M)
69 Dibenzo(a,h)anthracene	278	14.241	14.241	(1.112)	748	0.05000	0.048
70 Benzo(g,h,i)perylene	276	14.554	14.554	(1.136)	798	0.05000	0.046

QC Flag Legend

M - Compound response manually integrated.

Data File: h96720.d

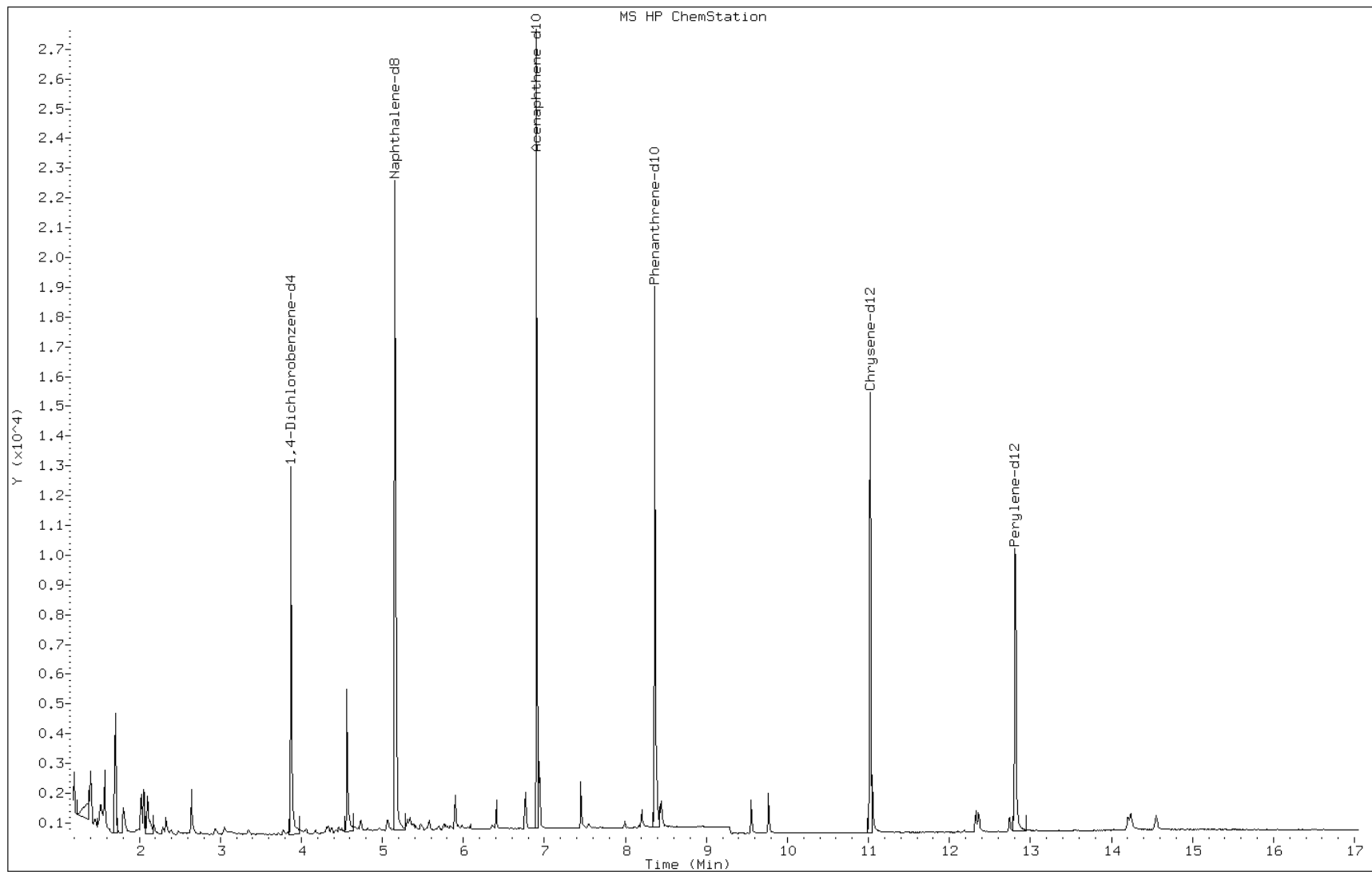
Date: 23-SEP-2011 15:52

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1019052

Operator: BNAMS 4



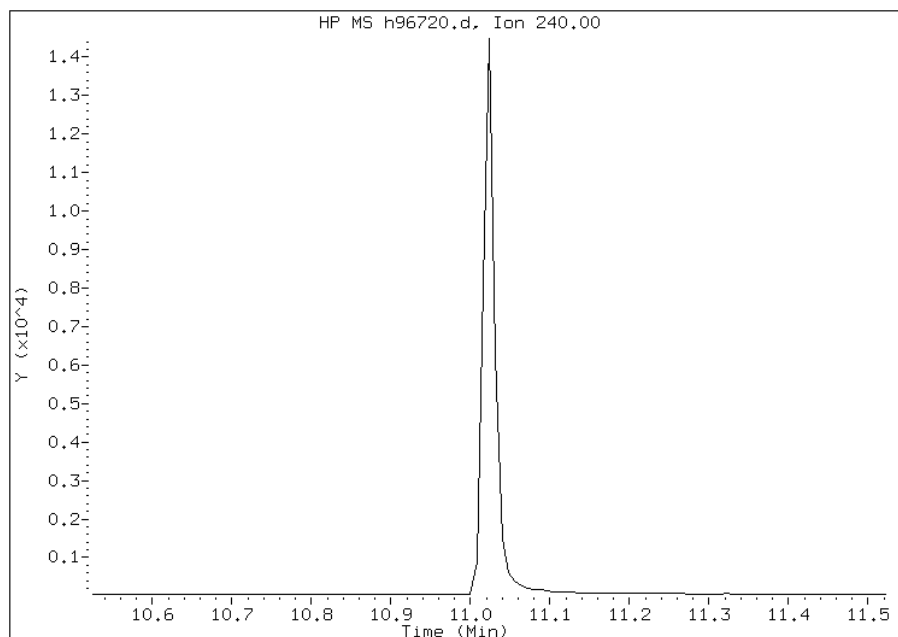
Manual Integration Report

Data File: h96720.d
Inj. Date and Time: 23-SEP-2011 15:52
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 09/26/2011

Processing Integration Results

Not Detected

Expected RT: 11.02



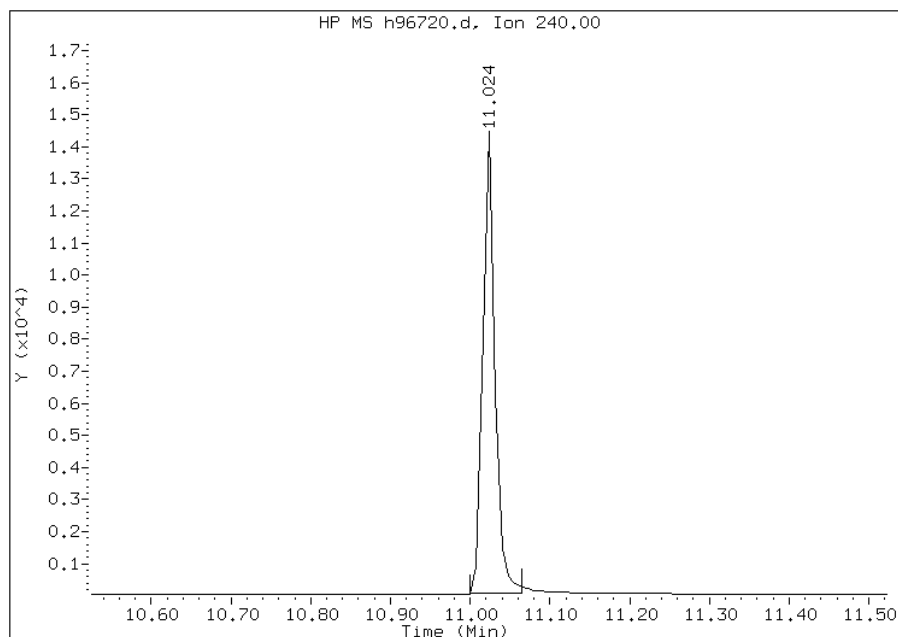
Manual Integration Results

RT: 11.02

Response: 15380

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h96720.d
Inj. Date and Time: 23-SEP-2011 15:52
Instrument ID: BNAMS9.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 09/26/2011

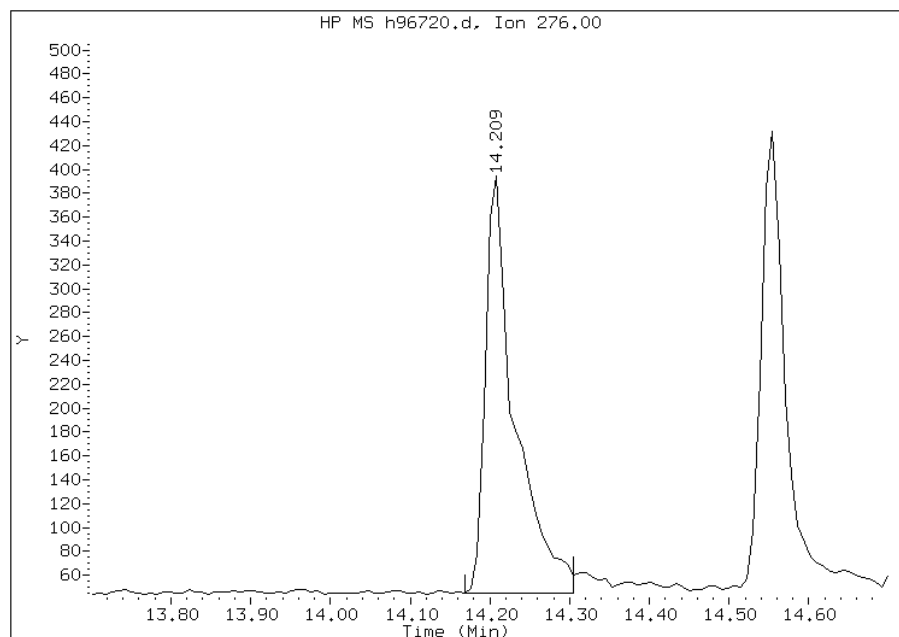
Processing Integration Results

RT: 14.21

Response: 897

Amount: 0

Conc: 0



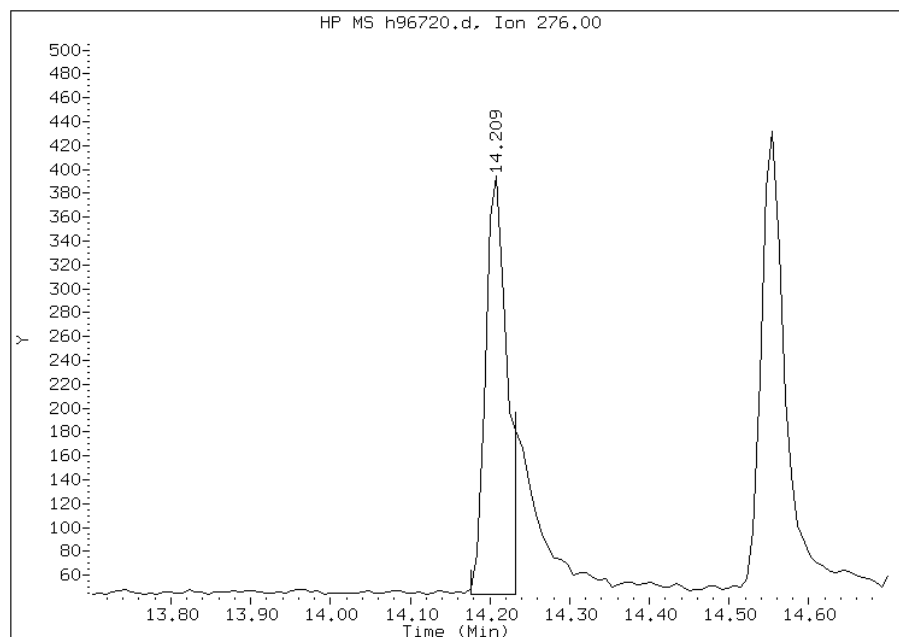
Manual Integration Results

RT: 14.21

Response: 675

Amount: 0

Conc: 0



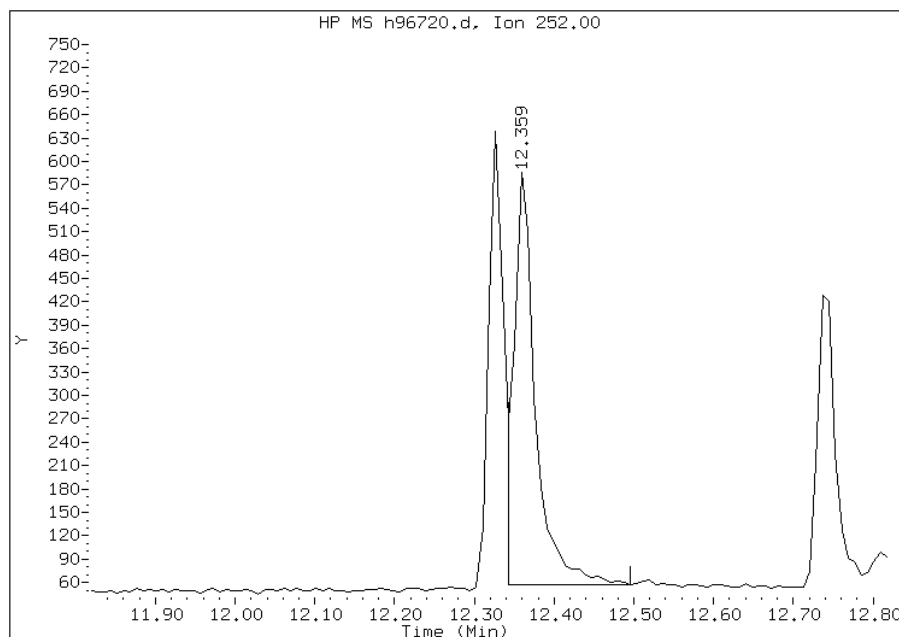
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h96720.d
Inj. Date and Time: 23-SEP-2011 15:52
Instrument ID: BNAMS9.i
Client ID:
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 09/26/2011

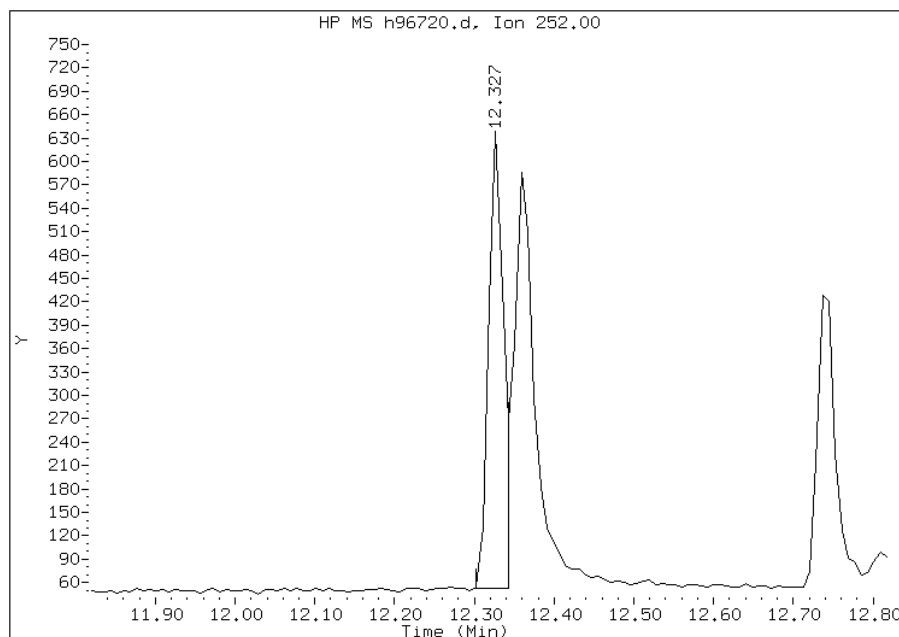
Processing Integration Results

RT: 12.36
Response: 1029
Amount: 0
Conc: 0



Manual Integration Results

RT: 12.33
Response: 789
Amount: 0
Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96721.d
 Report Date: 24-Sep-2011 18:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96721.d
 Lab Smp Id: IC-1019054
 Inj Date : 23-SEP-2011 16:18
 Operator : BNAMS 4
 Smp Info : IC-1019054
 Misc Info : bna-4584
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/simpah.m
 Meth Date : 24-Sep-2011 18:32 czhao
 Cal Date : 23-SEP-2011 16:18
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h96721.d
 Calibration Sample, Level: 4
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)
							ON-COL (ug/ml)
19 N-Nitrosodimethylamine	74	1.515	1.515	(0.391)	3607	1.00000	0.98
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874	(1.000)	7777	1.00000	
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	26939	1.00000	
31 Naphthalene	128	5.175	5.175	(1.004)	16036	0.50000	0.51
39 Acenaphthylene	152	6.760	6.760	(0.979)	13278	0.50000	0.46
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	13949	1.00000	
42 Acenaphthene	154	6.935	6.935	(1.004)	8490	0.50000	0.47
47 Fluorene	166	7.452	7.452	(1.079)	9776	0.50000	0.47
51 Hexachlorobenzene	284	7.997	7.997	(0.956)	7686	1.00000	0.96
14 Pentachlorophenol	266	8.202	8.202	(0.980)	2866	1.00000	0.91
* 83 Phenanthrene-d10	188	8.368	8.368	(1.000)	21114	1.00000	
52 Phenanthrene	178	8.387	8.387	(1.002)	14082	0.50000	0.46
53 Anthracene	178	8.436	8.436	(1.008)	12308	0.50000	0.51
56 Fluoranthene	202	9.552	9.552	(1.142)	12816	0.50000	0.47
57 Pyrene	202	9.769	9.769	(1.000)	13501	0.50000	0.48

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96721.d
 Report Date: 24-Sep-2011 18:32

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
61 Benzo(a)anthracene	228	11.008	11.008	(1.000)	9978	0.50000	0.47
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	18968	1.00000	(M)
62 Chrysene	228	11.048	11.048	(1.000)	12703	0.50000	0.48
65 Benzo(b)fluoranthene	252	12.319	12.319	(0.961)	9842	0.50000	0.52(H)
66 Benzo(k)fluoranthene	252	12.359	12.359	(0.964)	11005	0.50000	0.48
67 Benzo(a)pyrene	252	12.737	12.737	(0.994)	7478	0.50000	0.48
* 84 Perylene-d12	264	12.817	12.817	(1.000)	13008	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.200	14.200	(1.108)	7323	0.50000	0.48
69 Dibenz(a,h)anthracene	278	14.232	14.232	(1.110)	7913	0.50000	0.47
70 Benzo(g,h,i)perylene	276	14.546	14.546	(1.135)	8639	0.50000	0.47

QC Flag Legend

M - Compound response manually integrated.
 H - Operator selected an alternate compound hit.

Data File: h96721.d

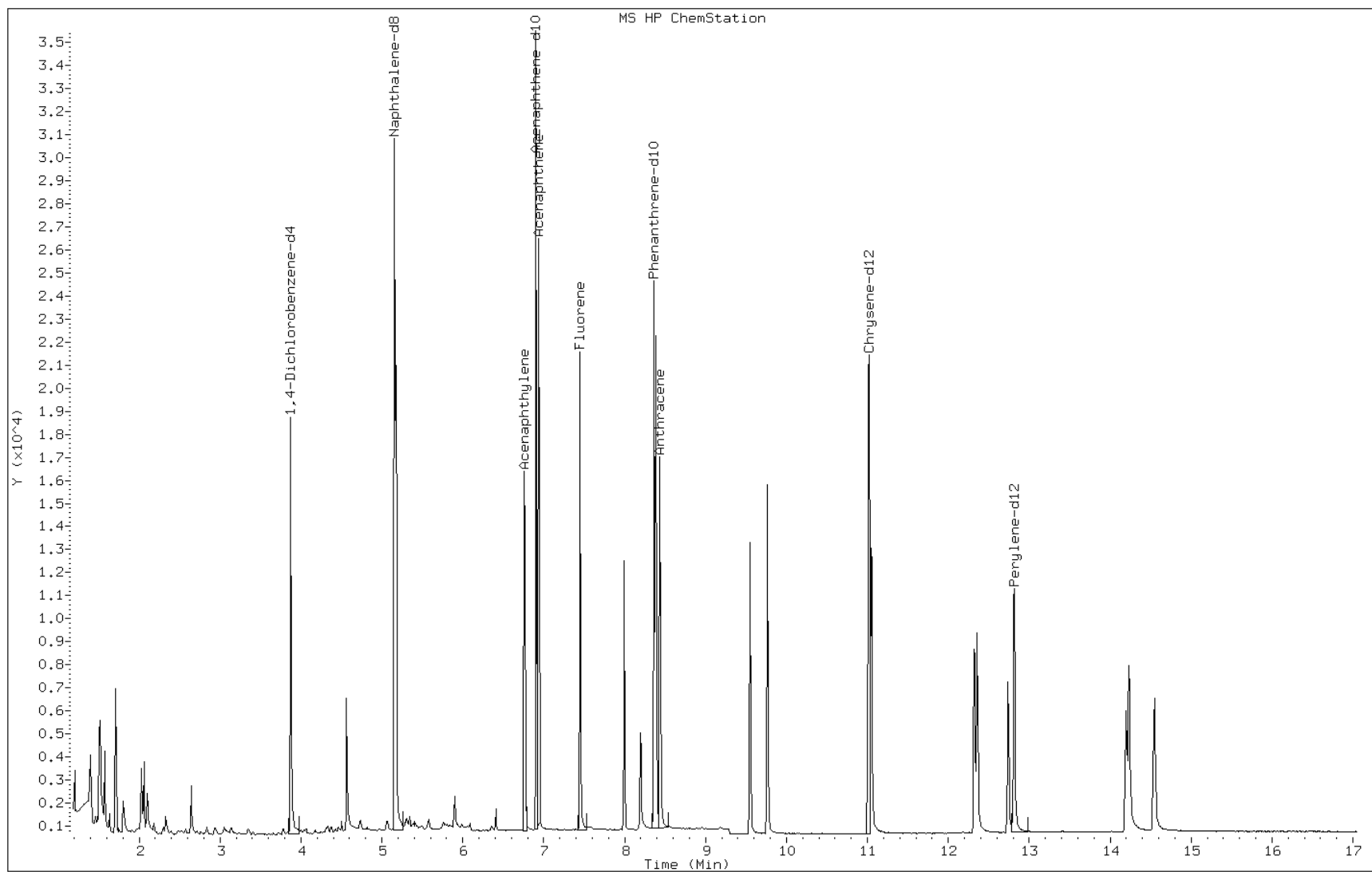
Date: 23-SEP-2011 16:18

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1019054

Operator: BNAMS 4



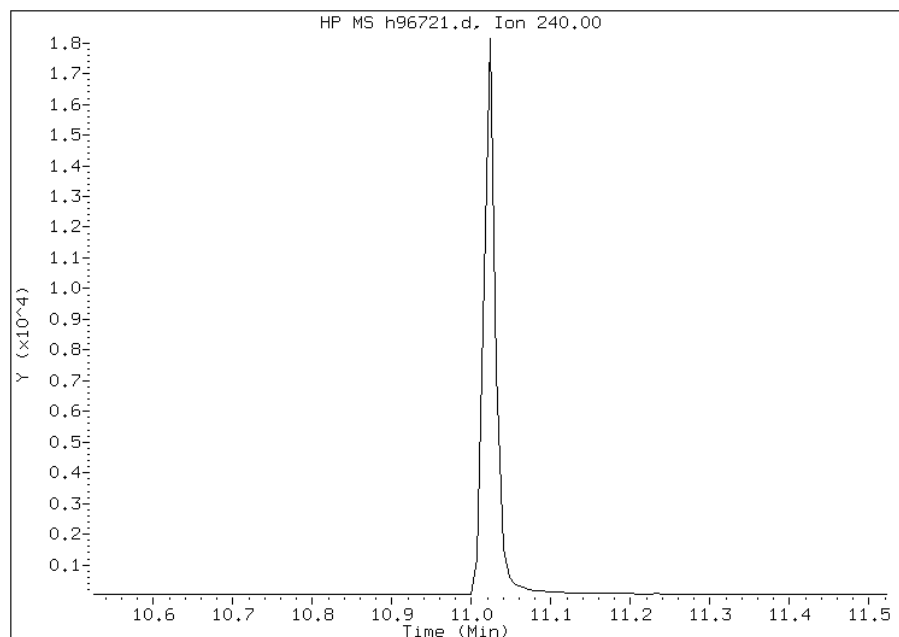
Manual Integration Report

Data File: h96721.d
Inj. Date and Time: 23-SEP-2011 16:18
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 09/26/2011

Processing Integration Results

Not Detected

Expected RT: 11.02



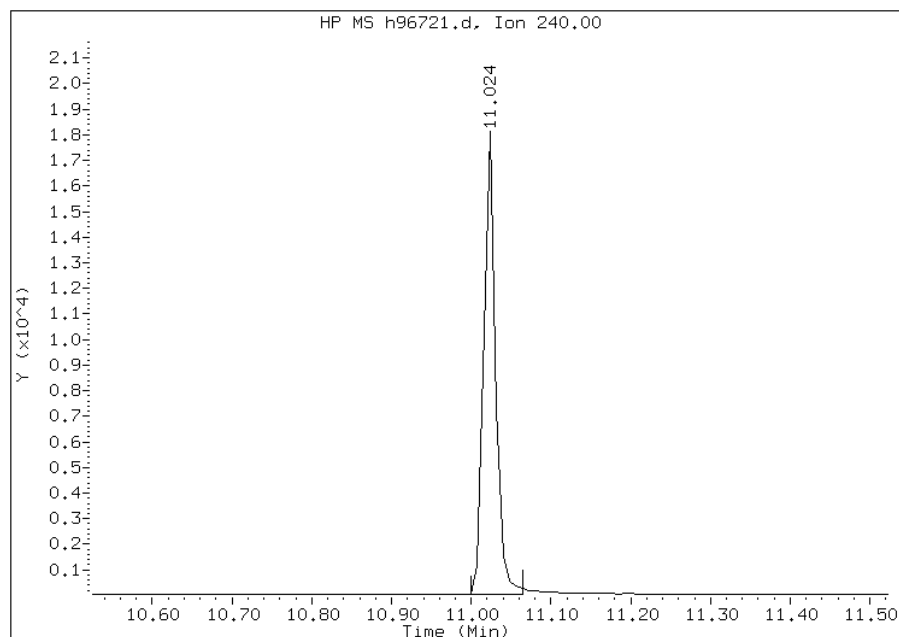
Manual Integration Results

RT: 11.02

Response: 18968

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96722.d
 Report Date: 24-Sep-2011 18:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96722.d
 Lab Smp Id: IC-1019055
 Inj Date : 23-SEP-2011 16:43
 Operator : BNAMS 4
 Smp Info : IC-1019055
 Misc Info :
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/simpah.m
 Meth Date : 24-Sep-2011 18:32 czhao
 Cal Date : 23-SEP-2011 16:43
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h96722.d
 Calibration Sample, Level: 5
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
19 N-Nitrosodimethylamine		74	1.506	1.506 (0.389)		7796	2.00000	2.1
* 79 1,4-Dichlorobenzene-d4		152	3.874	3.874 (1.000)		8005	1.00000	
* 80 Naphthalene-d8		136	5.156	5.156 (1.000)		27449	1.00000	
31 Naphthalene		128	5.175	5.175 (1.004)		32337	1.00000	1.0
39 Acenaphthylene		152	6.760	6.760 (0.979)		27465	1.00000	0.94
* 82 Acenaphthene-d10		164	6.906	6.906 (1.000)		14271	1.00000	
42 Acenaphthene		154	6.935	6.935 (1.004)		17644	1.00000	0.96
47 Fluorene		166	7.452	7.452 (1.079)		19201	1.00000	0.90
51 Hexachlorobenzene		284	7.997	7.997 (0.956)		15704	2.00000	2.0
14 Pentachlorophenol		266	8.192	8.192 (0.979)		5963	2.00000	1.9
* 83 Phenanthrene-d10		188	8.368	8.368 (1.000)		21307	1.00000	
52 Phenanthrene		178	8.387	8.387 (1.002)		28233	1.00000	0.91
53 Anthracene		178	8.436	8.436 (1.008)		23687	1.00000	0.97
56 Fluoranthene		202	9.544	9.544 (1.141)		25774	1.00000	0.94
57 Pyrene		202	9.769	9.769 (1.000)		26997	1.00000	0.96

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96722.d
 Report Date: 24-Sep-2011 18:32

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
61 Benzo(a)anthracene	228	11.008	11.008	(1.000)	19863	1.00000	0.94
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	18946	1.00000	(M)
62 Chrysene	228	11.048	11.048	(1.000)	24721	1.00000	0.93
65 Benzo(b)fluoranthene	252	12.319	12.319	(0.961)	18199	1.00000	1.0(H)
66 Benzo(k)fluoranthene	252	12.359	12.359	(0.964)	24583	1.00000	1.1
67 Benzo(a)pyrene	252	12.737	12.737	(0.994)	15933	1.00000	1.1
* 84 Perylene-d12	264	12.817	12.817	(1.000)	12514	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.200	14.200	(1.108)	15451	1.00000	1.0
69 Dibenz(a,h)anthracene	278	14.233	14.233	(1.110)	16778	1.00000	1.0
70 Benzo(g,h,i)perylene	276	14.546	14.546	(1.135)	18126	1.00000	1.0

QC Flag Legend

M - Compound response manually integrated.
 H - Operator selected an alternate compound hit.

Data File: h96722.d

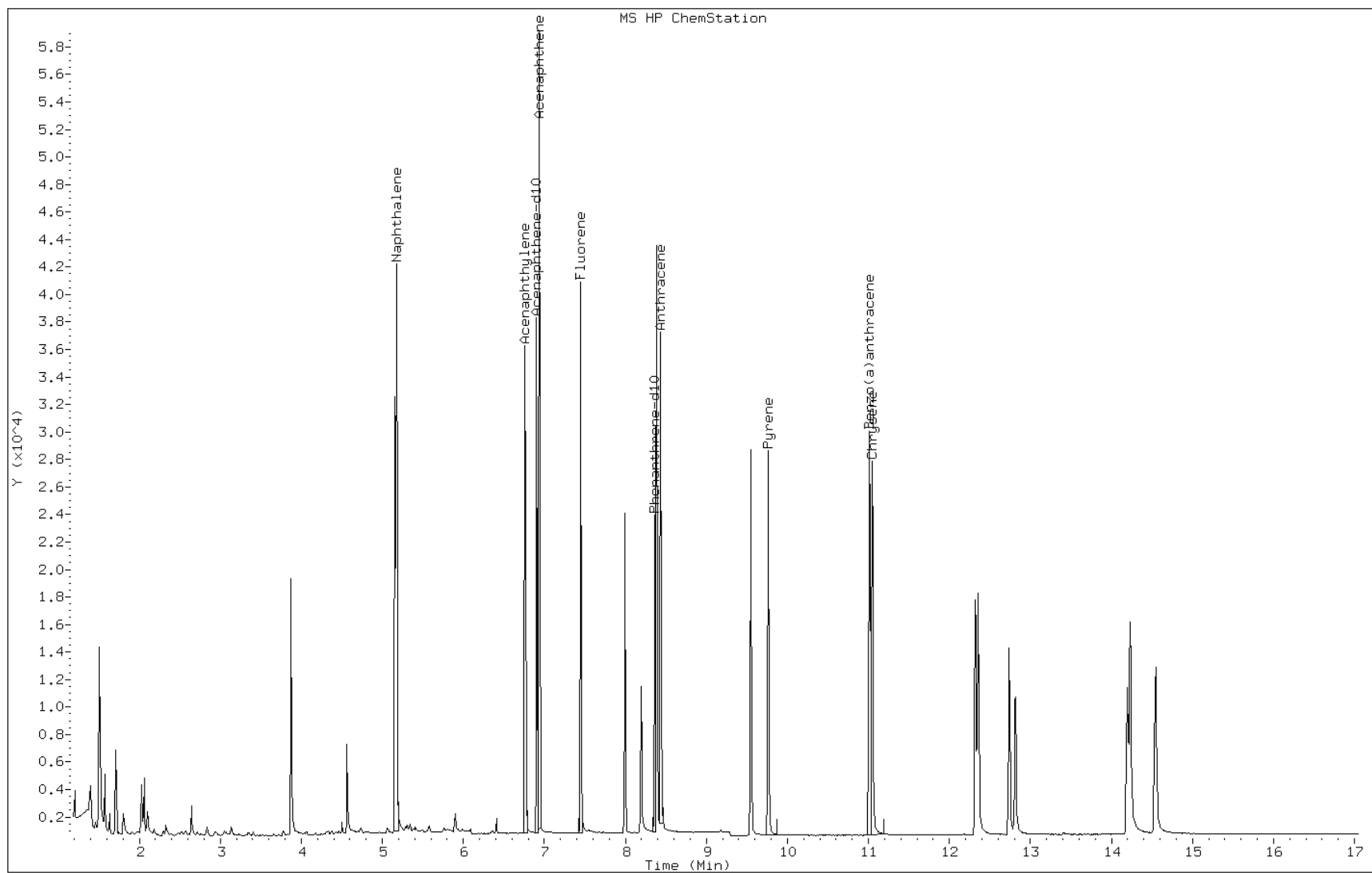
Date: 23-SEP-2011 16:43

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1019055

Operator: BNAMS 4



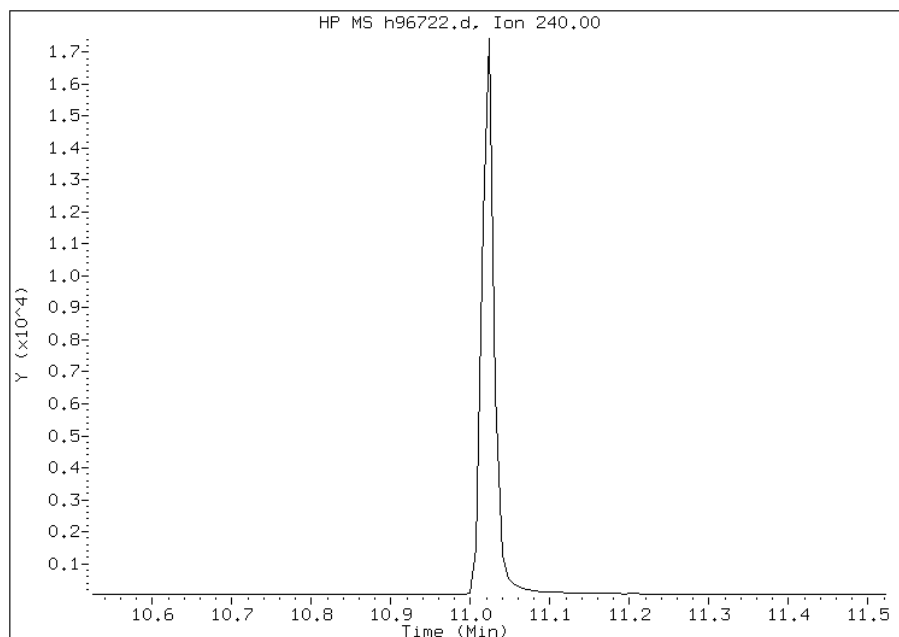
Manual Integration Report

Data File: h96722.d
Inj. Date and Time: 23-SEP-2011 16:43
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 09/26/2011

Processing Integration Results

Not Detected

Expected RT: 11.02



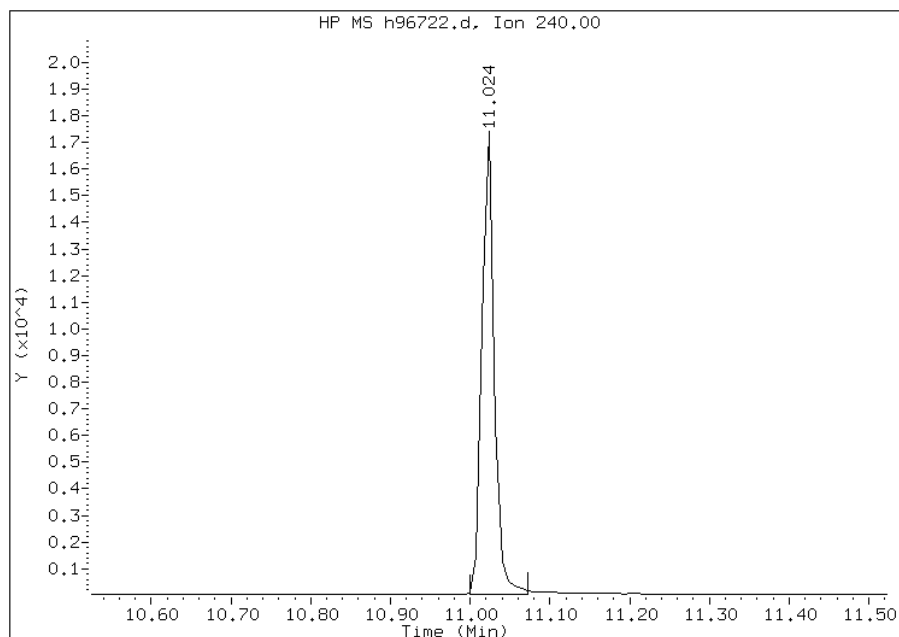
Manual Integration Results

RT: 11.02

Response: 18946

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96723.d
 Report Date: 24-Sep-2011 18:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96723.d
 Lab Smp Id: IC-1019056
 Inj Date : 23-SEP-2011 17:09
 Operator : BNAMS 4
 Smp Info : IC-1019056
 Misc Info :
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/simpah.m
 Meth Date : 24-Sep-2011 18:32 czhao
 Cal Date : 23-SEP-2011 17:09
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h96723.d
 Calibration Sample, Level: 6
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====		=====	=====
19 N-Nitrosodimethylamine	74	1.505	1.505	(0.389)	20818		5.00000	5.3(A)
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874	(1.000)	8267		1.00000	
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	28204		1.00000	
31 Naphthalene	128	5.175	5.175	(1.004)	65123		2.00000	2.0
39 Acenaphthylene	152	6.760	6.760	(0.979)	54509		2.00000	1.8
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	14631		1.00000	
42 Acenaphthene	154	6.935	6.935	(1.004)	34366		2.00000	1.8
47 Fluorene	166	7.452	7.452	(1.079)	38538		2.00000	1.8
51 Hexachlorobenzene	284	7.997	7.997	(0.956)	38802		5.00000	4.8
14 Pentachlorophenol	266	8.192	8.192	(0.979)	16406		5.00000	5.1(A)
* 83 Phenanthrene-d10	188	8.367	8.367	(1.000)	21548		1.00000	
52 Phenanthrene	178	8.387	8.387	(1.002)	56270		2.00000	1.8
53 Anthracene	178	8.436	8.436	(1.008)	48898		2.00000	2.0
56 Fluoranthene	202	9.544	9.544	(1.141)	51383		2.00000	1.8
57 Pyrene	202	9.769	9.769	(0.886)	53314		2.00000	1.9

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96723.d
 Report Date: 24-Sep-2011 18:32

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
61 Benzo(a)anthracene	228	11.008	11.008	(0.999)	40286	2.00000	1.9
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	19243	1.00000	
62 Chrysene	228	11.048	11.048	(1.002)	48109	2.00000	1.8
65 Benzo(b)fluoranthene	252	12.319	12.319	(0.961)	40998	2.00000	2.2(AH)
66 Benzo(k)fluoranthene	252	12.359	12.359	(0.964)	45337	2.00000	2.0(A)
67 Benzo(a)pyrene	252	12.737	12.737	(0.994)	33179	2.00000	2.2(A)
* 84 Perylene-d12	264	12.817	12.817	(1.000)	12899	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.200	14.200	(1.108)	34533	2.00000	2.3(A)
69 Dibenz(a,h)anthracene	278	14.232	14.232	(1.110)	37670	2.00000	2.3(A)
70 Benzo(g,h,i)perylene	276	14.546	14.546	(1.135)	39840	2.00000	2.2(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- H - Operator selected an alternate compound hit.

Data File: h96723.d

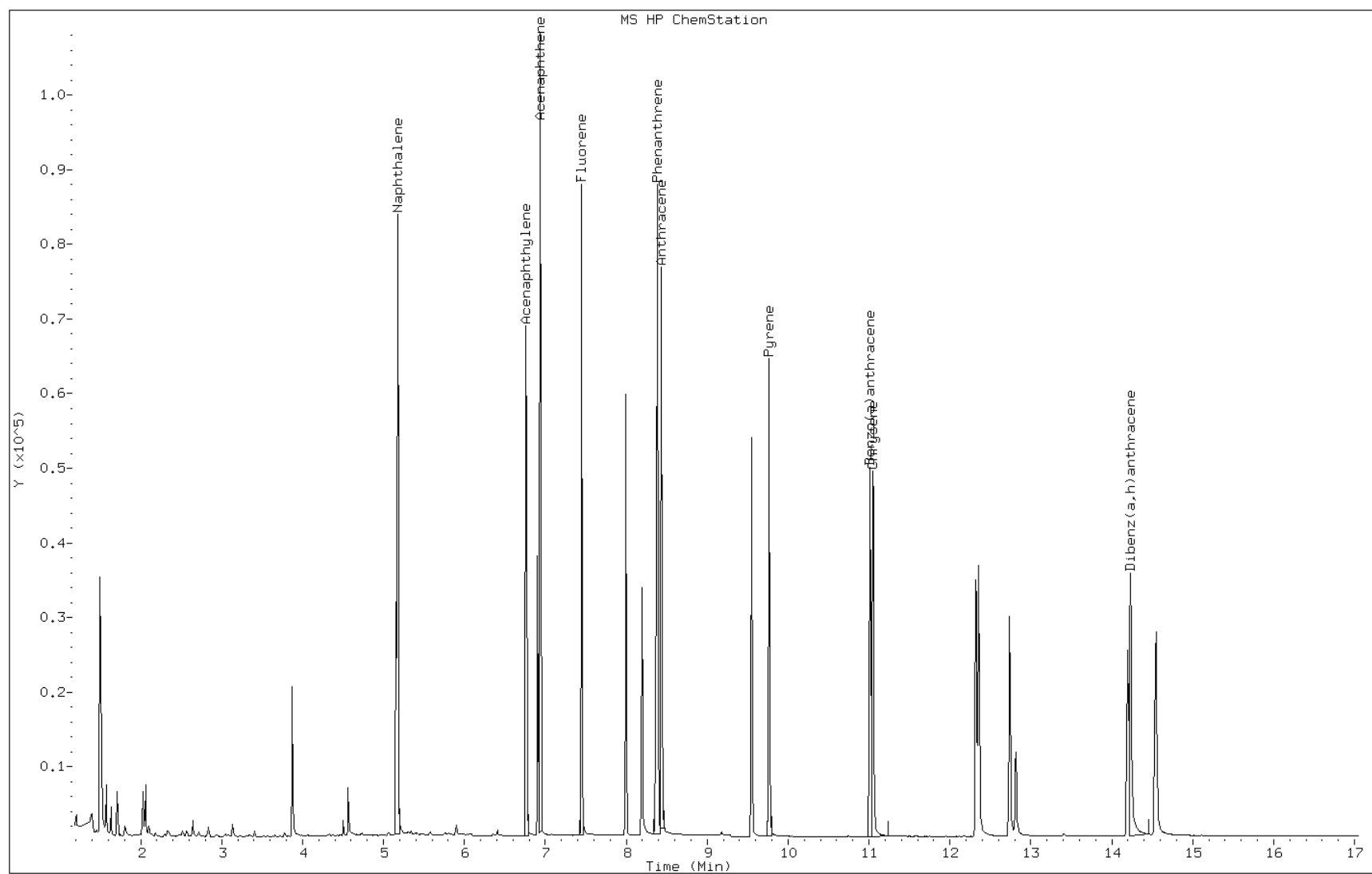
Date: 23-SEP-2011 17:09

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1019056

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-87284/2 Calibration Date: 09/25/2011 13:14
 Instrument ID: BNAMS9 Calib Start Date: 09/23/2011 14:44
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/23/2011 17:09
 Lab File ID: h96749.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.4713	0.4418		469	500	-6.2	20.0
Naphthalene	LinF	1.385	1.308		113	100	12.6	20.0
Acenaphthylene	Ave	2.052	1.994		97.2	100	-2.8	20.0
Acenaphthene	Ave	1.283	1.247		97.2	100	-2.8	20.0
Fluorene	Ave	1.490	1.460		98.0	100	-2.0	20.0
Hexachlorobenzene	Ave	0.3776	0.3926		104	100	4.0	20.0
Pentachlorophenol	Ave	0.1485	0.1540		518	500	3.7	20.0
Phenanthrene	Ave	1.457	1.403		96.3	100	-3.7	20.0
Anthracene	Ave	1.144	1.172		102	100	2.4	20.0
Fluoranthene	Ave	1.285	1.176		91.5	100	-8.5	20.0
Pyrene	Ave	1.489	1.457		97.9	100	-2.1	20.0
Benzo[a]anthracene	Ave	1.115	1.121		101	100	0.6	20.0
Chrysene	Ave	1.407	1.400		99.5	100	-0.5	20.0
Benzo[b]fluoranthene	Ave	1.446	1.294		89.5	100	-10.5	20.0
Benzo[k]fluoranthene	Ave	1.746	1.551		88.8	100	-11.2	20.0
Benzo[a]pyrene	Ave	1.188	1.144		96.3	100	-3.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.182	1.266		107	100	7.1	20.0
Dibenz(a,h)anthracene	Ave	1.283	1.344		105	100	4.7	20.0
Benzo[g,h,i]perylene	Ave	1.420	1.411		99.4	100	-0.6	20.0

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96749.d
 Report Date: 26-Sep-2011 09:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96749.d
 Lab Smp Id: CCVIS-1019053
 Inj Date : 25-SEP-2011 13:14
 Operator : BNAMS 4
 Smp Info : CCVIS-1019053
 Misc Info : bna-4584
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/simpah.m
 Meth Date : 26-Sep-2011 09:38 czhao
 Cal Date : 23-SEP-2011 17:09
 Als bottle: 33
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h96723.d
 Continuing Calibration Sample
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)
							ON-COL (ug/ml)
19 N-Nitrosodimethylamine	74	1.515	1.515 (0.391)	1510	0.50000	0.47	
* 79 1,4-Dichlorobenzene-d4	152	3.874	3.874 (1.000)	6835	1.00000		
* 80 Naphthalene-d8	136	5.156	5.156 (1.000)	22734	1.00000	(M)	
31 Naphthalene	128	5.175	5.175 (1.004)	2974	0.10000	0.11	
39 Acenaphthylene	152	6.769	6.769 (0.980)	2074	0.10000	0.097	
* 82 Acenaphthene-d10	164	6.906	6.906 (1.000)	10401	1.00000		
42 Acenaphthene	154	6.935	6.935 (1.004)	1297	0.10000	0.097	
47 Fluorene	166	7.452	7.452 (1.079)	1519	0.10000	0.098	
51 Hexachlorobenzene	284	7.997	7.997 (0.956)	589	0.10000	0.10	
14 Pentachlorophenol	266	8.202	8.202 (0.980)	1155	0.50000	0.52	
* 83 Phenanthrene-d10	188	8.367	8.367 (1.000)	15003	1.00000		
52 Phenanthrene	178	8.387	8.387 (1.002)	2105	0.10000	0.096	
53 Anthracene	178	8.436	8.436 (1.008)	1758	0.10000	0.10	
56 Fluoranthene	202	9.552	9.552 (1.142)	1764	0.10000	0.091	
57 Pyrene	202	9.769	9.769 (1.000)	1939	0.10000	0.098	

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96749.d
 Report Date: 26-Sep-2011 09:38

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
61 Benzo(a)anthracene	228	11.016	11.016	(1.000)	1492	0.10000	0.10
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	13304	1.00000	(M)
62 Chrysene	228	11.056	11.056	(1.000)	1863	0.10000	0.100
65 Benzo(b)fluoranthene	252	12.326	12.326	(0.962)	1475	0.10000	0.089
66 Benzo(k)fluoranthene	252	12.359	12.359	(0.964)	1768	0.10000	0.089
67 Benzo(a)pyrene	252	12.745	12.745	(0.994)	1304	0.10000	0.096
* 84 Perylene-d12	264	12.817	12.817	(1.000)	11399	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.208	14.208	(1.109)	1443	0.10000	0.11
69 Dibenzo(a,h)anthracene	278	14.240	14.240	(1.111)	1532	0.10000	0.10
70 Benzo(g,h,i)perylene	276	14.554	14.554	(1.136)	1608	0.10000	0.099

QC Flag Legend

M - Compound response manually integrated.

Data File: h96749.d

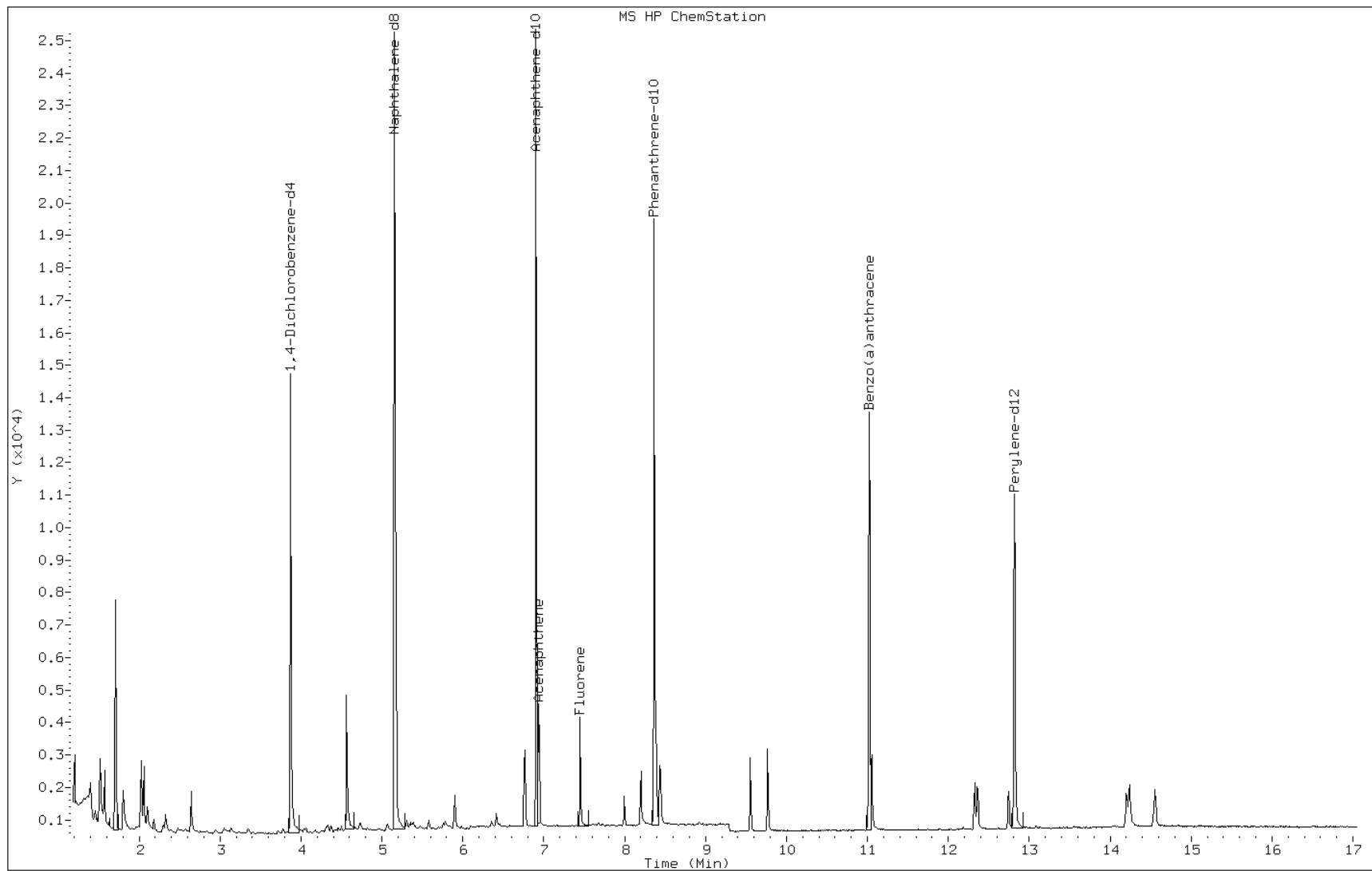
Date: 25-SEP-2011 13:14

Client ID:

Instrument: BNAMS9.i

Sample Info: CCVIS-1019053

Operator: BNAMS 4



Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96717.d
 Report Date: 23-Sep-2011 16:33

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96717.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 23-SEP-2011 14:00
 Operator : BNAMS3
 Smp Info : DFTPP-937638
 Misc Info : bna-4557
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/BNADFTPP.m
 Meth Date : 31-Aug-2011 11:23 czhao
 Cal Date : 11-JAN-2010 13:45
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50

Inst ID: BNAMS9.i
 Quant Type: ESTD
 Cal File: h85796.d
 QC Sample: DFTPP
 Compound Sublist: all.sub
 Sample Matrix: None

					CONCENTRATIONS					
					ON-COL	FINAL				
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO	
==	=====	=====	=====	=====	=====	=====	=====		=====	
1 dftpp					CAS #:					
4.663	4.920	-0.257	198	36733			0.00- 100.00		96.56	
4.663	4.920	-0.257	51	15640			30.00- 60.00		42.58	
4.663	4.920	-0.257	68	0			0.00- 2.00		0.00	
4.663	4.920	-0.257	69	15029			0.00- 0.00		40.91	
4.663	4.920	-0.257	70	0			0.00- 2.00		0.00	
4.663	4.920	-0.257	127	18183			40.00- 60.00		49.50	
4.663	4.920	-0.257	197	0			0.00- 1.00		0.00	
4.663	4.920	-0.257	199	2595			5.00- 9.00		7.06	
4.663	4.920	-0.257	275	10360			10.00- 30.00		28.20	
4.663	4.920	-0.257	365	1568			1.00- 0.00		4.27	
4.663	4.920	-0.257	441	5853			0.01- 100.00		80.23	
4.663	4.920	-0.257	442	38042			40.00- 110.00		103.56	
4.663	4.920	-0.257	443	7295			17.00- 23.00		19.18	

Data File: h96717.d

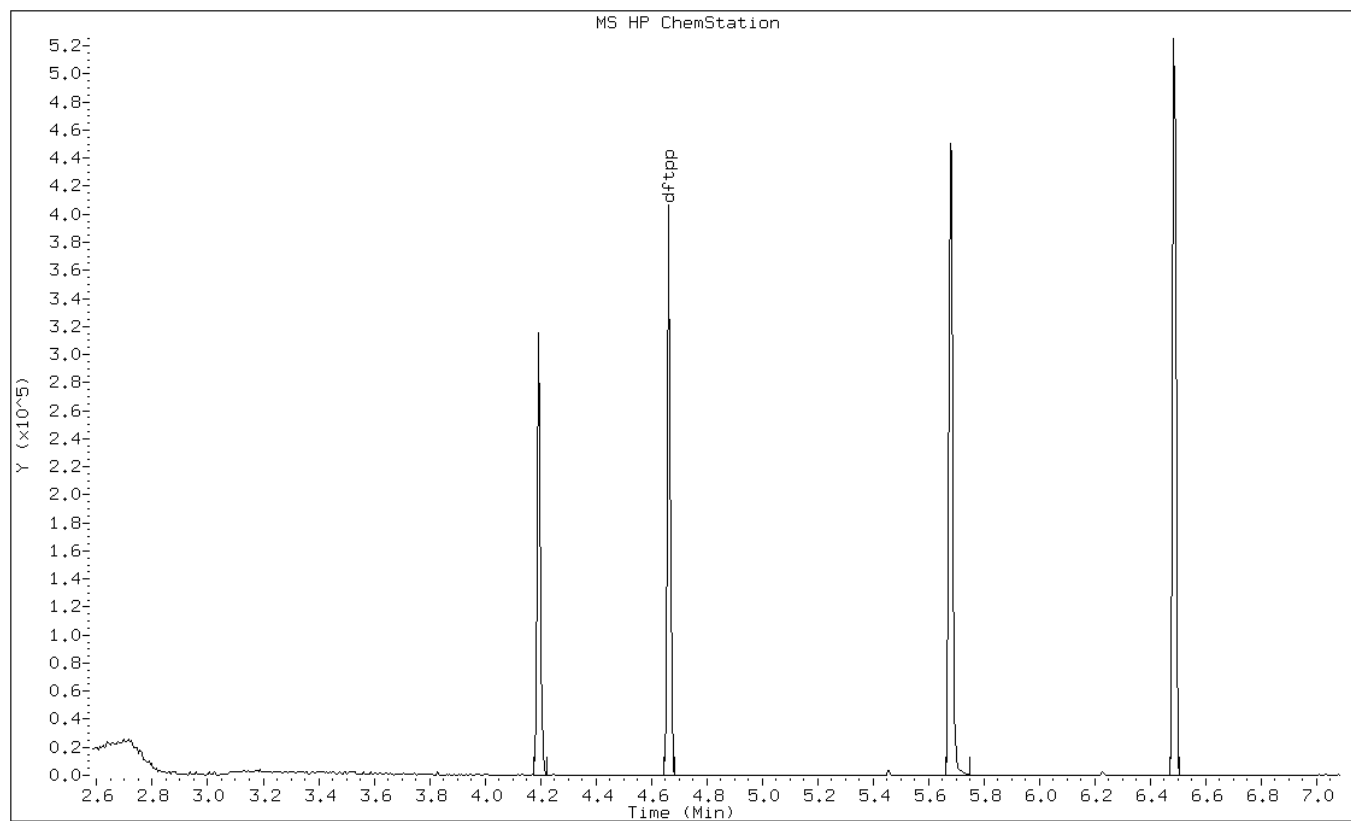
Date: 23-SEP-2011 14:00

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-937638

Operator: BNAMS3



Data File: h96717.d

Date: 23-SEP-2011 14:00

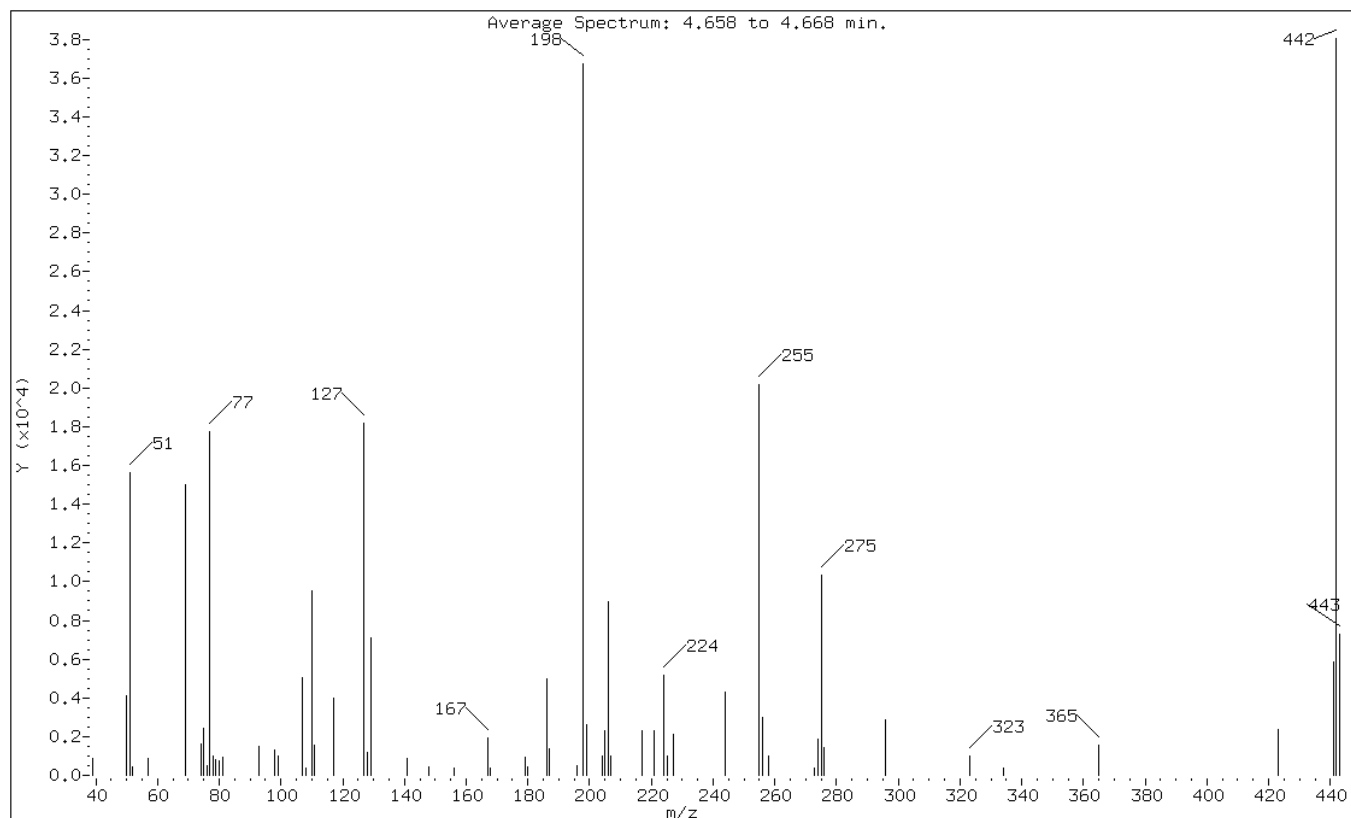
Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-937638

Operator: BNAMS3

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	42.58
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	40.91
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.50
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.06
275	10.00 - 30.00% of mass 198	28.20
365	Greater than 1.00% of mass 198	4.27
441	0.01 - 100.00% of mass 443	15.93 (80.23)
442	40.00 - 110.00% of mass 198	103.56
443	17.00 - 23.00% of mass 442	19.86 (19.18)

Data File: h96717.d

Date: 23-SEP-2011 14:00

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-937638

Operator: BNAMS3

Data File: /chem/BNAMS9.i/SIMT/09-23-11/23sep11.b/h96717.d

Spectrum: Average Spectrum: 4.658 to 4.668 min.

Location of Maximum: 442.00

Number of points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	887	99.00	1001	186.00	5010	256.00	2979
50.00	4089	107.00	5071	187.00	1396	258.00	1003
51.00	15640	108.00	347	196.00	507	273.00	376
52.00	455	110.00	9540	198.00	36728	274.00	1886
57.00	876	111.00	1542	199.00	2595	275.00	10360
69.00	15029	117.00	4015	204.00	1026	276.00	1446
74.00	1612	127.00	18176	205.00	2282	296.00	2851
75.00	2409	128.00	1177	206.00	8955	323.00	973
76.00	510	129.00	7109	207.00	969	334.00	364
77.00	17736	141.00	842	217.00	2274	365.00	1568
78.00	1004	148.00	425	221.00	2292	423.00	2371
79.00	821	156.00	366	224.00	5156	441.00	5853
80.00	773	167.00	1954	225.00	1005	442.00	38040
81.00	920	168.00	375	227.00	2133	443.00	7295
93.00	1466	179.00	938	244.00	4319		
98.00	1323	180.00	448	255.00	20160		

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96748.d
 Report Date: 25-Sep-2011 12:26

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96748.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 25-SEP-2011 12:08
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : bna-4557
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/BNADFTPP.m
 Meth Date : 31-Aug-2011 11:23 czhao
 Cal Date : 11-JAN-2010 13:45
 Als bottle: 32
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ESTD
 Cal File: h85796.d
 QC Sample: DFTPP
 Compound Sublist: all.sub
 Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
1 dftpp					CAS #:				
4.674	4.920	-0.246	198	33144			0.00- 100.00		100.00
4.674	4.920	-0.246	51	15624			30.00- 60.00		47.14
4.674	4.920	-0.246	68	0			0.00- 2.00		0.00
4.674	4.920	-0.246	69	14306			0.00- 0.00		43.16
4.674	4.920	-0.246	70	0			0.00- 2.00		0.00
4.674	4.920	-0.246	127	17631			40.00- 60.00		53.20
4.674	4.920	-0.246	197	0			0.00- 1.00		0.00
4.674	4.920	-0.246	199	2260			5.00- 9.00		6.82
4.674	4.920	-0.246	275	9413			10.00- 30.00		28.40
4.674	4.920	-0.246	365	1152			1.00- 0.00		3.48
4.674	4.920	-0.246	441	4998			0.01- 100.00		74.45
4.674	4.920	-0.246	442	32679			40.00- 110.00		98.60
4.674	4.920	-0.246	443	6713			17.00- 23.00		20.54

Data File: h96748.d

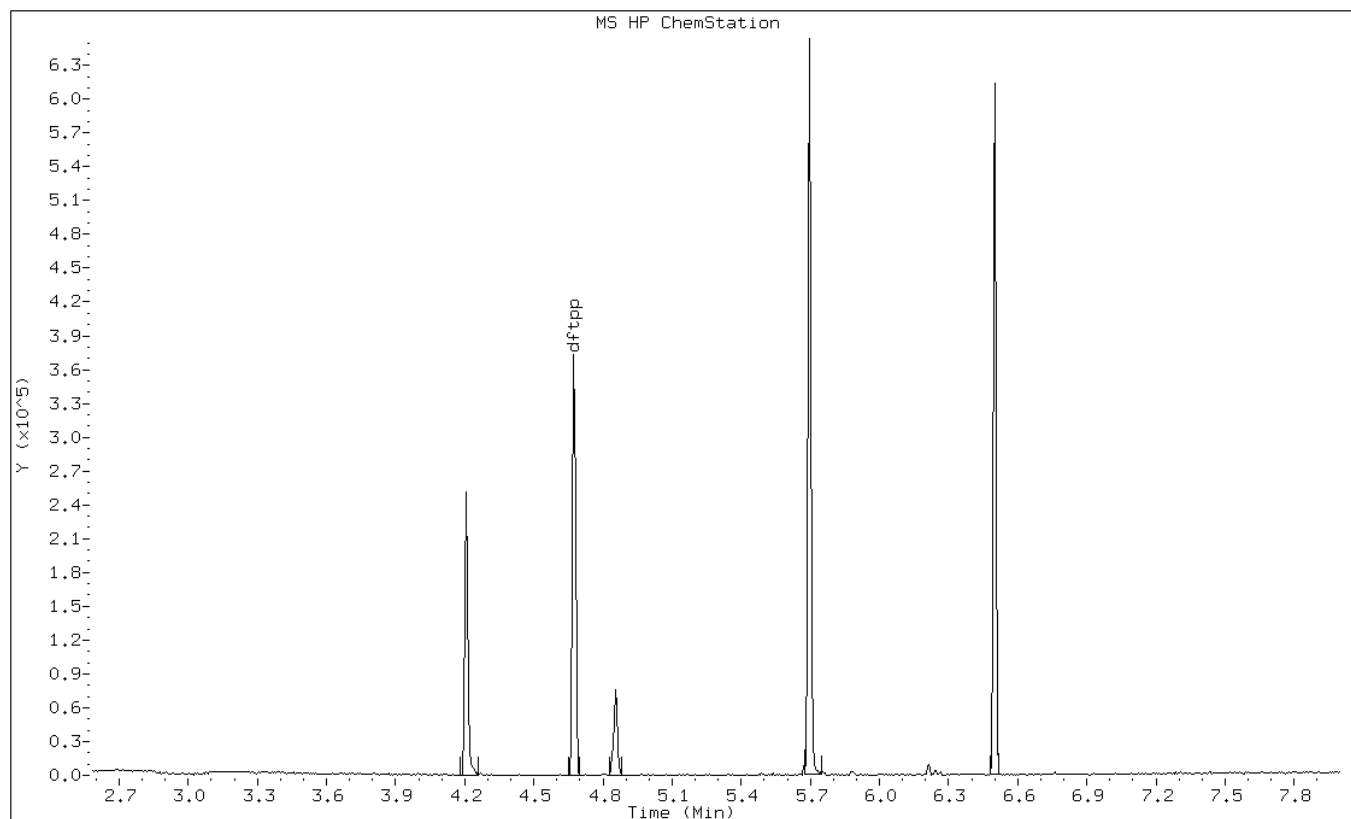
Date: 25-SEP-2011 12:08

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: h96748.d

Date: 25-SEP-2011 12:08

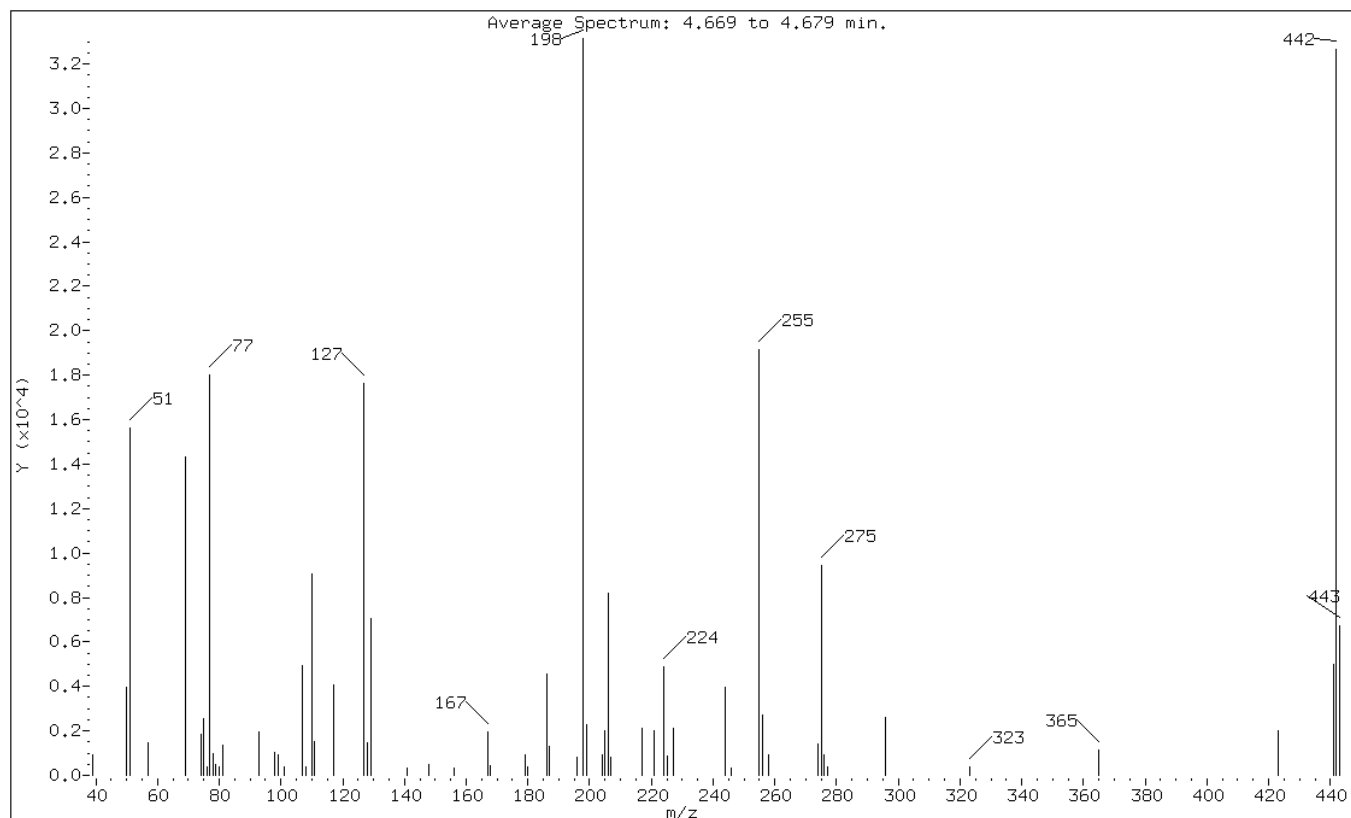
Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-937638

Operator: BNA2

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	47.14
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.16
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.20
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.82
275	10.00 - 30.00% of mass 198	28.40
365	Greater than 1.00% of mass 198	3.48
441	0.01 - 100.00% of mass 443	15.08 (74.45)
442	40.00 - 110.00% of mass 198	98.60
443	17.00 - 23.00% of mass 442	20.25 (20.54)

Data File: h96748.d

Date: 25-SEP-2011 12:08

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96748.d

Spectrum: Average Spectrum: 4.669 to 4.679 min.

Location of Maximum: 198.00

Number of points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	935	101.00	386	186.00	4549	255.00	19160
50.00	3952	107.00	4916	187.00	1287	256.00	2700
51.00	15624	108.00	357	196.00	834	258.00	899
57.00	1482	110.00	9055	198.00	33144	274.00	1416
69.00	14306	111.00	1516	199.00	2260	275.00	9413
74.00	1864	117.00	4071	204.00	939	276.00	913
75.00	2575	127.00	17624	205.00	2015	277.00	356
76.00	398	128.00	1479	206.00	8174	296.00	2622
77.00	18000	129.00	7036	207.00	818	323.00	355
78.00	966	141.00	350	217.00	2093	365.00	1152
79.00	494	148.00	468	221.00	2003	423.00	2030
80.00	399	156.00	337	224.00	4868	441.00	4998
81.00	1340	167.00	1941	225.00	870	442.00	32672
93.00	1949	168.00	436	227.00	2106	443.00	6713
98.00	1050	179.00	925	244.00	3938		
99.00	901	180.00	367	246.00	345		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-86593/1-A
Matrix: Water Lab File ID: h96752.d
Analysis Method: 8270C SIM Date Collected: _____
Extract. Method: 3510C Date Extracted: 09/20/2011 07:47
Sample wt/vol: 1000(mL) Date Analyzed: 09/25/2011 14:34
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96752.d
 Report Date: 26-Sep-2011 10:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/h96752.d
 Lab Smp Id: MB 460-86593/1-A
 Inj Date : 25-SEP-2011 14:34
 Operator : BNAMS 4
 Smp Info : MB 460-86593/1-A
 Misc Info : bna-4584
 Comment :
 Method : /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b/simpah.m
 Meth Date : 26-Sep-2011 09:38 czhao
 Cal Date : 23-SEP-2011 17:09
 Als bottle: 36
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h96723.d
 QC Sample: BLANK
 Compound Sublist: all.sub

Concentration Formula: $Amt * DF * 1000 * Vt / Vo * CpndVariable$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	152	3.865	3.874	(1.000)	5752	1.00000		
* 80 Naphthalene-d8	136	5.156	5.156	(1.000)	20982	1.00000		
* 82 Acenaphthene-d10	164	6.906	6.906	(1.000)	10376	1.00000		
* 83 Phenanthrene-d10	188	8.368	8.367	(1.000)	15967	1.00000		
* 81 Chrysene-d12	240	11.024	11.024	(1.000)	14448	1.00000		(M)
* 84 Perylene-d12	264	12.817	12.817	(1.000)	14087	1.00000		

QC Flag Legend

M - Compound response manually integrated.

Data File: h96752.d

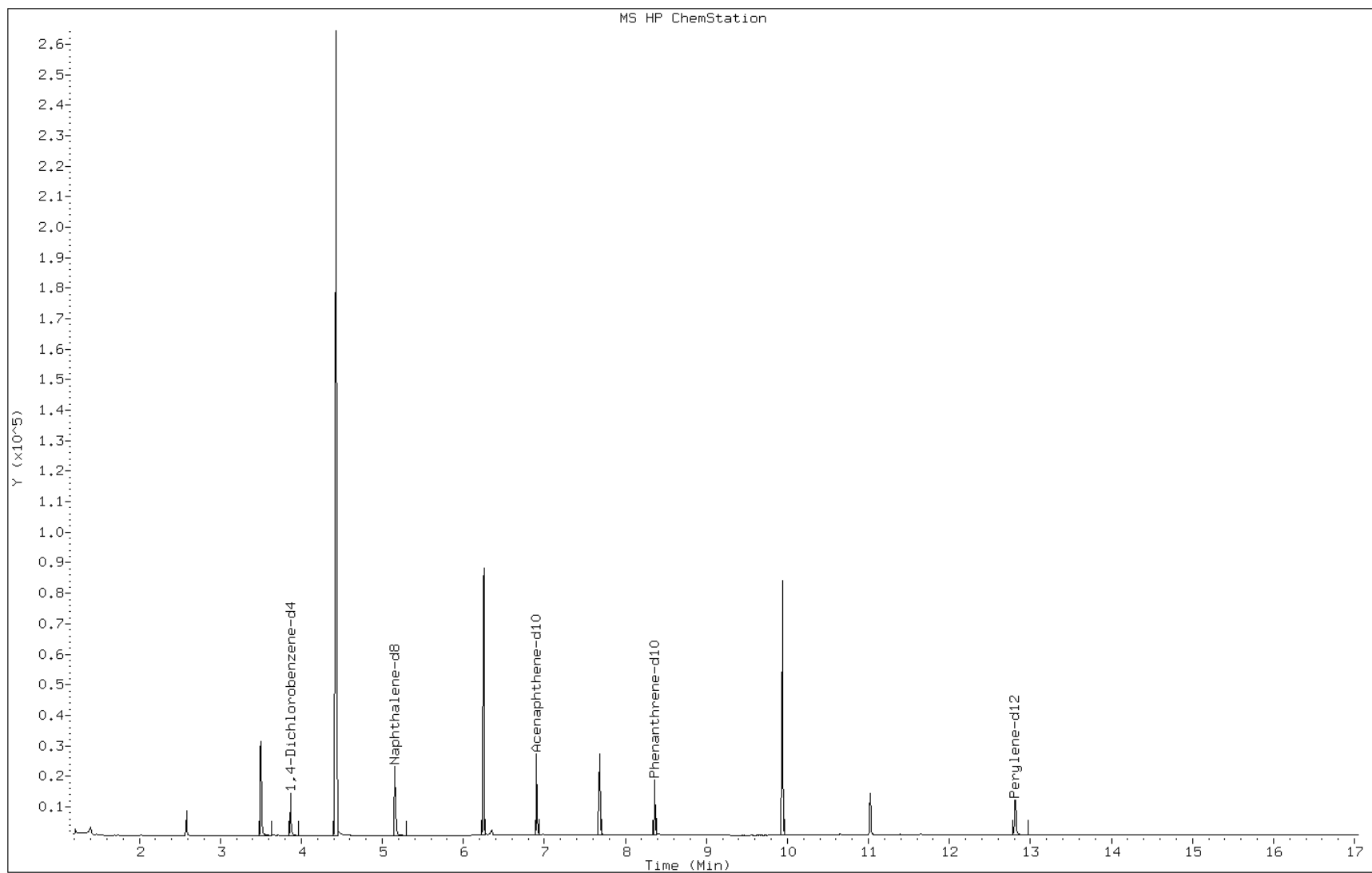
Date: 25-SEP-2011 14:34

Client ID:

Instrument: BNAMS9.i

Sample Info: MB 460-86593/1-A

Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: BNAMS9 Start Date: 09/23/2011 14:00Analysis Batch Number: 87276 End Date: 09/23/2011 17:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-87276/1		09/23/2011 14:00	1	h96717.d	Rtx-5MS 0.25 (mm)
ICIS 460-87276/2		09/23/2011 14:44	1	h96718.d	Rtx-5MS 0.25 (mm)
IC 460-87276/3		09/23/2011 15:26	1	h96719.d	Rtx-5MS 0.25 (mm)
IC 460-87276/4		09/23/2011 15:52	1	h96720.d	Rtx-5MS 0.25 (mm)
IC 460-87276/5		09/23/2011 16:18	1	h96721.d	Rtx-5MS 0.25 (mm)
IC 460-87276/6		09/23/2011 16:43	1	h96722.d	Rtx-5MS 0.25 (mm)
IC 460-87276/7		09/23/2011 17:09	1	h96723.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: BNAMS9 Start Date: 09/25/2011 12:08Analysis Batch Number: 87284 End Date: 09/26/2011 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-87284/1		09/25/2011 12:08	1	h96748.d	Rtx-5MS 0.25 (mm)
CCVIS 460-87284/2		09/25/2011 13:14	1	h96749.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 13:42	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 14:08	1		Rtx-5MS 0.25 (mm)
MB 460-86593/1-A		09/25/2011 14:34	1	h96752.d	Rtx-5MS 0.25 (mm)
460-31258-1	GW-17338-091611-MM-01	09/25/2011 15:00	1	h96753.d	Rtx-5MS 0.25 (mm)
460-31258-2	GW-17338-091611-MM-02	09/25/2011 15:25	1	h96754.d	Rtx-5MS 0.25 (mm)
460-31258-3	GW-17338-091611-MM-03	09/25/2011 15:51	1	h96755.d	Rtx-5MS 0.25 (mm)
460-31258-5	FB-17338-091611-MM-05	09/25/2011 16:17	1	h96756.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 16:43	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 17:09	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 17:35	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 18:01	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 18:27	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 18:53	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 19:19	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 19:45	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 20:10	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 20:36	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 21:02	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 21:28	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 21:54	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 22:20	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 22:46	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 23:11	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/25/2011 23:37	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/26/2011 00:03	1		Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i
Analytical Batch: /chem/BNAMS9.i/SINT/09-23-11/23sep11.b

Date Generated: 09/24/2011

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/23/11 1400	h96717.d	1	DFTPP-937630			0	0		1	2.0	all	87276
09/23/11 1444	h96718.d	2	ICIS-1019053			1000	2		1	1.0	all	87276
09/23/11 1526	h96719.d	3	IC-1019050			1000	2		1	1.0	all	87276
09/23/11 1552	h96720.d	4	IC-1019052			1000	2		1	1.0	all	87276
09/23/11 1618	h96721.d	5	IC-1019054			1000	2		1	1.0	all	87276
09/23/11 1643	h96722.d	6	IC-1019055			1000	2		1	1.0	all	87276
09/23/11 1709	h96723.d	7	IC-1019056			1000	2		1	1.0	all	87276
09/23/11 2240	h96724.d	8	icv	23sep11		1000	1		1	1.0	all	87276

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Signed: C. J. Read and Understood by: [Signature]
Date: 9/24/11 Date: 9-25-11

10/25/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i
Analytical Batch: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b

Date Generated: 09/26/2011
Page 1

Date	Data File	ALS	Sample ID	LFPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/25/11 1208	h96748.d	32	DFTPP-937638			0	0		1	2.0 all		
09/25/11 1314	h96749.d	33	CCVIS-1019053			1000	2		1	1.0 all		87284
09/25/11 1342	h96750.d	34	460-31038-E-2-A	460-86274	09/16/11	1000	2		1	1.0 all		
09/25/11 1408	h96751.d	35	460-31038-F-3-A	460-86274	09/16/11	1000	2		1	1.0 all		
09/25/11 1434	h96752.d	36	MB 460-86593/1-A	25sep11		1000	2		1	1.0 all		
09/25/11 1500	h96753.d	37	460-31258-I-1-A	460-86593	09/20/11	920	2		1	1.0 all		
09/25/11 1525	h96754.d	38	460-31258-F-2-A	460-86593	09/20/11	1000	2		1	1.0 all		
09/25/11 1551	h96755.d	39	460-31258-H-3-A	460-86593	09/20/11	1000	2		1	1.0 all		
09/25/11 1617	h96756.d	40	460-31258-H-5-A	460-86593	09/20/11	720	2		1	1.0 all		
09/25/11 1643	h96757.d	41	MB 460-87123/1-A	25sep11		1000	2		1	1.0 all		
09/25/11 1709	h96758.d	42	460-31492-S-2-B	460-87123	09/23/11	920	2		1	1.0 all		
09/25/11 1735	h96759.d	43	460-31492-S-1-A	460-87123	09/23/11	920	2		1	1.0 all		
09/25/11 1801	h96760.d	44	460-31492-R-3-A	460-87123	09/23/11	930	2		1	1.0 all		
09/25/11 1827	h96761.d	45	460-31492-S-4-A	460-87123	09/23/11	920	2		1	1.0 all		

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: ENAMS9.i
Analytical Batch: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b

Date Generated: 09/26/2011
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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/25/11	1853 h96762.d	46	460-31492-R-5-A	460-87123	09/23/11	920	2	1	1.0	all		
09/25/11	1919 h96763.d	47	460-31492-S-6-A	460-87123	09/23/11	910	2	1	1.0	all		
09/25/11	1945 h96764.d	48	460-31492-R-7-A	460-87123	09/23/11	990	2	1	1.0	all		
09/25/11	2010 h96765.d	49	460-31492-R-8-A	460-87123	09/23/11	950	2	1	1.0	all		
09/25/11	2036 h96766.d	50	460-31492-R-9-A	460-87123	09/23/11	940	2	1	1.0	all		
09/25/11	2102 h96767.d	51	460-31399-O-4-A	25sep11		1000	2	1	1.0	all		
09/25/11	2128 h96768.d	52	460-31399-O-5-A	25sep11		1000	2	1	1.0	all		
09/25/11	2154 h96769.d	53	460-31399-O-6-A	25sep11		1000	2	1	1.0	all		
09/25/11	2220 h96770.d	54	460-31399-O-7-A	25sep11		1000	2	1	1.0	all		
09/25/11	2246 h96771.d	55	460-31419-F-1-A	25sep11		1000	2	1	1.0	all		
09/25/11	2311 h96772.d	56	460-31458-G-1-A	25sep11		1000	2	1	1.0	all		
09/25/11	2337 h96773.d	57	MB 460-86904/1-A	25sep11		1000	2	1	1.0	all		
09/26/11	0003 h96774.d	58	460-31365-P-6-B	25sep11		1000	2	1	1.0	all		
09/26/11	0028 h96775.d	59	460-31365-O-1-A	25sep11		1000	2	1	1.0	all		

out of chain

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i
Analytical Batch: /chem/BNAMS9.i/SIMT/09-23-11/25sep11.b

Date Generated: 09/26/2011
Page 3

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FW	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/26/11 0054	h96775.d	60	460-31365-P-2-A	25sep11		1000	2	1	1.0	all		out of eloc r
09/26/11 0120	h96777.d	61	460-31365-P-3-A	25sep11		1000	2	1	1.0	all		
09/26/11 0146	h96778.d	62	460-31365-O-4-A	25sep11		1000	2	1	1.0	all		
09/26/11 0212	h96779.d	63	460-31365-P-5-A	25sep11		1000	2	1	1.0	all		

Signed:

Read and Understood by:

Date:

Date:

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86593 Batch Start Date: 09/20/11 07:47 Batch Analyst: Chen, MandiBatch Method: 3510C Batch End Date: 09/20/11 19:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SU 00023
MB 460-86593/1		3510C, 8270C SIM		7	1000 mL	2 mL	<2	>12	1 mL
460-31258-I-1	GW-17338-091611-MM-01	3510C, 8270C SIM	T	7	920 mL	2 mL	<2	>12	1 mL
460-31258-F-2	GW-17338-091611-MM-02	3510C, 8270C SIM	T	9	1000 mL	2 mL	<2	>12	1 mL
460-31258-H-3	GW-17338-091611-MM-03	3510C, 8270C SIM	T	7	1000 mL	2 mL	<2	>12	1 mL
460-31258-H-5	FB-17338-091611-MM-05	3510C, 8270C SIM	T	7	720 mL	2 mL	<2	>12	1 mL

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	K03051
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	MKBF9239V
Concentration End Time	17PM
Concentration Start Time	15PM
Person's name who did the concentration	MC
Final Concentrator Volume	2 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	J51636
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K24E11
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	MC
Person's name who witnessed reagent drop	HP

Basis	Basis Description
T	Total/NA

Method 8082 - Delaware

Polychlorinated Biphenyls (PCBs)
(GC) by Method 8082 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
GW-17338-091611-MM-01	460-31258-1	98	95
GW-17338-091611-MM-02	460-31258-2	57	53
GW-17338-091611-MM-03	460-31258-3	39	37
	MB 460-86701/1-A	104	96
	MB 460-86756/1-A	55	52
	LCS 460-86701/2-A	100	94
	LCS 460-86756/2-A	70	65
	LCSD 460-86701/3-A	106	98
	LCSD 460-86756/3-A	74	69

DCB = DCB Decachlorobiphenyl

QC LIMITS
37-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of177830.d
Lab ID: LCS 460-86701/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.89	118	71-126	
PCB-1260	5.00	5.45	109	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or177830.d
Lab ID: LCS 460-86701/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.79	116	71-126	
PCB-1260	5.00	5.67	113	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of177914.d
Lab ID: LCS 460-86756/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.32	106	71-126	
PCB-1260	5.00	4.84	97	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or177914.d
Lab ID: LCS 460-86756/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.19	104	71-126	
PCB-1260	5.00	5.20	104	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of177831.d
Lab ID: LCSD 460-86701/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	5.61	112	5	30	71-126	
PCB-1260	5.00	5.74	115	1	30	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: or177831.d
 Lab ID: LCSD 460-86701/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	5.47	109	6	30	71-126	
PCB-1260	5.00	5.56	111	2	30	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of177915.d
Lab ID: LCSD 460-86756/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	5.25	105	1	30	71-126	
PCB-1260	5.00	4.67	93	4	30	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or177915.d
Lab ID: LCSD 460-86756/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	4.86	97	6	30	71-126	
PCB-1260	5.00	5.06	101	3	30	73-130	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab Sample ID: MB 460-86701/1-A
Matrix: Water Date Extracted: 09/20/2011 16:52
Lab File ID: (1) or177829.d Lab File ID: (2) of177829.d
Date Analyzed: (1) 09/21/2011 01:13 Date Analyzed: (2) 09/21/2011 01:13
Instrument ID: (1) PESTGC7 Instrument ID: (2) PESTGC7
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE	
		ANALYZED 1	ANALYZED 2
	LCS 460-86701/2-A	09/21/2011 01:29	09/21/2011 01:29
	LCSD 460-86701/3-A	09/21/2011 01:46	09/21/2011 01:46
GW-17338-091611-MM-02	460-31258-2	09/21/2011 02:36	09/21/2011 02:36
GW-17338-091611-MM-03	460-31258-3	09/21/2011 02:52	09/21/2011 02:52

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Lab Sample ID: MB 460-86756/1-A
Matrix: Water Date Extracted: 09/21/2011 07:54
Lab File ID: (1) or177913.d Lab File ID: (2) of177913.d
Date Analyzed: (1) 09/22/2011 14:53 Date Analyzed: (2) 09/22/2011 14:53
Instrument ID: (1) PESTGC7 Instrument ID: (2) PESTGC7
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE	
		ANALYZED 1	ANALYZED 2
	LCS 460-86756/2-A	09/22/2011 15:08	09/22/2011 15:08
	LCSD 460-86756/3-A	09/22/2011 15:24	09/22/2011 15:24
GW-17338-091611-MM-01	460-31258-1	09/22/2011 16:29	09/22/2011 16:29

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVRT 460-86903/2 Date Analyzed: 09/21/2011 00:57
 Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): of177828.d Heated Purge: (Y/N) N
 Calibration ID: 12029

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.48		
UPPER LIMIT				10.58		
LOWER LIMIT				10.38		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-86903/1		09/21/2011 00:33	of177827.d	10.48		
CCVRT 460-86903/2		09/21/2011 00:57	of177828.d	10.48		
MB 460-86701/1-A		09/21/2011 01:13	of177829.d	10.48		
LCS 460-86701/2-A		09/21/2011 01:29	of177830.d	10.48		
LCSD 460-86701/3-A		09/21/2011 01:46	of177831.d	10.48		
460-31258-2	GW-17338-091611-MM-02	09/21/2011 02:36	of177834.d	10.47		
460-31258-3	GW-17338-091611-MM-03	09/21/2011 02:52	of177835.d	10.47		
PIBLK 460-86903/10		09/21/2011 03:08	of177836.d	10.47		
CCV 460-86903/11		09/21/2011 03:25	of177837.d	10.47		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVRT 460-86903/2 Date Analyzed: 09/21/2011 00:57
 Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): or177828.d Heated Purge: (Y/N) N
 Calibration ID: 12021

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.35		
UPPER LIMIT				9.45		
LOWER LIMIT				9.25		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-86903/1		09/21/2011 00:33	or177827.d	9.36		
CCVRT 460-86903/2		09/21/2011 00:57	or177828.d	9.35		
MB 460-86701/1-A		09/21/2011 01:13	or177829.d	9.36		
LCS 460-86701/2-A		09/21/2011 01:29	or177830.d	9.36		
LCSD 460-86701/3-A		09/21/2011 01:46	or177831.d	9.36		
460-31258-2	GW-17338-091611-MM-02	09/21/2011 02:36	or177834.d	9.34		
460-31258-3	GW-17338-091611-MM-03	09/21/2011 02:52	or177835.d	9.34		
PIBLK 460-86903/10		09/21/2011 03:08	or177836.d	9.35		
CCV 460-86903/11		09/21/2011 03:25	or177837.d	9.34		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVRT 460-87099/2 Date Analyzed: 09/22/2011 13:39
 Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): of177910.d Heated Purge: (Y/N) N
 Calibration ID: 12029

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.48		
UPPER LIMIT				10.58		
LOWER LIMIT				10.38		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-87099/1		09/22/2011 13:23	of177909.d	10.48		
CCVRT 460-87099/2		09/22/2011 13:39	of177910.d	10.48		
MB 460-86756/1-A		09/22/2011 14:53	of177913.d	10.48		
LCS 460-86756/2-A		09/22/2011 15:08	of177914.d	10.48		
LCSD 460-86756/3-A		09/22/2011 15:24	of177915.d	10.48		
460-31258-1	GW-17338-091611-MM-01	09/22/2011 16:29	of177919.d	10.48		
PIBLK 460-87099/13		09/22/2011 17:02	of177921.d	10.48		
CCV 460-87099/14		09/22/2011 17:19	of177922.d	10.48		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Sample No.: CCVRT 460-87099/2 Date Analyzed: 09/22/2011 13:39
 Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): or177910.d Heated Purge: (Y/N) N
 Calibration ID: 12021

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.36		
UPPER LIMIT				9.46		
LOWER LIMIT				9.26		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-87099/1		09/22/2011 13:23	or177909.d	9.37		
CCVRT 460-87099/2		09/22/2011 13:39	or177910.d	9.36		
MB 460-86756/1-A		09/22/2011 14:53	or177913.d	9.36		
LCS 460-86756/2-A		09/22/2011 15:08	or177914.d	9.36		
LCSD 460-86756/3-A		09/22/2011 15:24	or177915.d	9.36		
460-31258-1	GW-17338-091611-MM-01	09/22/2011 16:29	or177919.d	9.35		
PIBLK 460-87099/13		09/22/2011 17:02	or177921.d	9.37		
CCV 460-87099/14		09/22/2011 17:19	or177922.d	9.36		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/21/2011 02:36 Date Analyzed (2): 09/21/2011 02:36
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	5.10	5.03	5.17	2.52	3.5	10.2
		2	5.44	5.38	5.52	3.06		
		3	5.80	5.74	5.88	3.14		
		4	5.92	5.86	6.00	3.50		
		5	6.25	6.19	6.33	3.60		
		6	6.72	6.67	6.81	3.93		
		7	7.35	7.28	7.42	3.78		
		8	8.57	8.52	8.66	4.39		
	2	1	6.24	6.17	6.31	1.99	3.2	
		2	6.57	6.50	6.64	2.85		
		3	7.17	7.11	7.25	2.96		
		4	7.35	7.28	7.42	2.91		
		5	7.45	7.39	7.53	2.43		
		6	7.96	7.90	8.04	3.29		
		7	9.24	9.18	9.32	4.77		
		8	9.95	9.89	10.03	4.00		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/21/2011 02:52 Date Analyzed (2): 09/21/2011 02:52
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	5.09	5.03	5.17	1.46	2.4	4.2
		2	5.44	5.38	5.52	0.881		
		3	5.82	5.74	5.88	4.94		
		4	5.92	5.86	6.00	2.09		
		5	6.24	6.19	6.33	2.45		
		6	6.72	6.67	6.81	2.07		
		7	7.34	7.28	7.42	1.89		
		8	8.55	8.52	8.66	3.79		
	2	1	6.23	6.17	6.31	1.32	2.3	
		2	6.55	6.50	6.64	1.49		
		3	7.16	7.11	7.25	4.47		
		4	7.34	7.28	7.42	1.80		
		5	7.45	7.39	7.53	1.83		
		6	7.95	7.90	8.04	1.81		
		7	9.24	9.18	9.32	2.75		
		8	9.95	9.89	10.03	3.30		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86701/2-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/21/2011 01:29 Date Analyzed (2): 09/21/2011 01:29
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.35	2.27	2.41	5.04	5.79	1.7
		2	2.66	2.59	2.73	6.07		
		3	2.85	2.78	2.92	6.08		
		4	3.12	3.05	3.19	4.93		
		5	3.27	3.19	3.33	6.29		
		6	3.47	3.39	3.53	5.57		
		7	3.70	3.62	3.76	5.91		
		8	3.81	3.73	3.87	6.44		
	2	1	2.90	2.83	2.97	5.55	5.89	
		2	3.34	3.28	3.42	5.60		
		3	3.61	3.55	3.69	6.31		
		4	3.88	3.81	3.95	5.38		
		5	4.04	3.97	4.11	6.05		
		6	4.33	4.26	4.40	5.73		
		7	4.61	4.54	4.68	6.23		
		8	4.77	4.70	4.84	6.30		
PCB-1260	1	1	5.10	5.03	5.17	5.96	5.67	3.9
		2	5.46	5.38	5.52	5.85		
		3	5.81	5.74	5.88	5.21		
		4	5.93	5.86	6.00	6.08		
		5	6.26	6.19	6.33	5.36		
		6	6.74	6.67	6.81	5.66		
		7	7.36	7.28	7.42	5.81		
		8	8.60	8.52	8.66	5.39		
	2	1	6.24	6.17	6.31	5.45	5.45	
		2	6.57	6.50	6.64	5.41		
		3	7.18	7.11	7.25	5.44		
		4	7.35	7.28	7.42	5.65		
		5	7.46	7.39	7.53	5.46		
		6	7.97	7.90	8.04	5.49		
		7	9.26	9.18	9.32	5.37		
		8	9.96	9.89	10.03	5.33		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-86701/3-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/21/2011 01:46 Date Analyzed (2): 09/21/2011 01:46
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.35	2.27	2.41	4.41	5.47	2.5
		2	2.66	2.59	2.73	5.63		
		3	2.85	2.78	2.92	5.26		
		4	3.12	3.05	3.19	4.64		
		5	3.27	3.19	3.33	6.39		
		6	3.47	3.39	3.53	6.04		
		7	3.70	3.62	3.76	5.64		
		8	3.81	3.73	3.87	5.72		
	2	1	2.91	2.83	2.97	5.46	5.61	
		2	3.35	3.28	3.42	5.44		
		3	3.62	3.55	3.69	5.54		
		4	3.89	3.81	3.95	5.14		
		5	4.04	3.97	4.11	5.78		
		6	4.33	4.26	4.40	5.55		
		7	4.61	4.54	4.68	5.99		
		8	4.77	4.70	4.84	5.96		
PCB-1260	1	1	5.10	5.03	5.17	5.45	5.56	3.2
		2	5.46	5.38	5.52	5.41		
		3	5.81	5.74	5.88	5.21		
		4	5.93	5.86	6.00	5.92		
		5	6.26	6.19	6.33	5.44		
		6	6.75	6.67	6.81	5.61		
		7	7.36	7.28	7.42	5.71		
		8	8.60	8.52	8.66	5.71		
	2	1	6.24	6.17	6.31	5.66	5.74	
		2	6.58	6.50	6.64	5.63		
		3	7.18	7.11	7.25	5.65		
		4	7.36	7.28	7.42	5.84		
		5	7.46	7.39	7.53	5.87		
		6	7.98	7.90	8.04	5.90		
		7	9.26	9.18	9.32	5.91		
		8	9.96	9.89	10.03	5.45		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86756/2-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/22/2011 15:08 Date Analyzed (2): 09/22/2011 15:08
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.35	2.28	2.42	4.16	5.19	2.5
		2	2.67	2.60	2.74	5.37		
		3	2.85	2.78	2.92	5.31		
		5	3.27	3.20	3.34	4.91		
		6	3.47	3.40	3.54	4.17		
		7	3.70	3.63	3.77	5.11		
		8	3.81	3.74	3.88	7.28		
		2	1	2.90	2.84	2.98		
	2		3.35	3.28	3.42	5.02		
	3		3.62	3.55	3.69	5.65		
	4		3.88	3.82	3.96	4.45		
	5		4.04	3.97	4.11	5.48		
	6		4.33	4.26	4.40	5.17		
	7		4.61	4.54	4.68	5.40		
	8		4.77	4.70	4.84	5.63		
PCB-1260	1	1	5.11	5.04	5.18	6.12	5.20	7.2
		2	5.47	5.40	5.54	4.99		
		3	5.82	5.75	5.89	4.46		
		4	5.94	5.87	6.01	5.38		
		5	6.27	6.20	6.34	4.69		
		6	6.75	6.68	6.82	5.22		
		7	7.28	7.21	7.35	5.76		
		8	8.61	8.55	8.69	4.98		
	2	1	6.24	6.18	6.32	4.98	4.84	
		2	6.58	6.51	6.65	4.78		
		3	7.18	7.11	7.25	4.78		
		4	7.36	7.29	7.43	5.13		
		5	7.46	7.39	7.53	4.89		
		6	7.98	7.91	8.05	4.75		
		7	9.26	9.19	9.33	4.78		
		8	9.97	9.90	10.04	4.63		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-86756/3-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/22/2011 15:24 Date Analyzed (2): 09/22/2011 15:24
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.35	2.28	2.42	4.12	4.86	7.7
		2	2.67	2.60	2.74	5.25		
		3	2.85	2.78	2.92	5.14		
		5	3.27	3.20	3.34	4.83		
		6	3.47	3.40	3.54	4.46		
		7	3.70	3.63	3.77	4.93		
		8	3.81	3.74	3.88	5.30		
	2	1	2.90	2.84	2.98	5.68	5.25	
		2	3.35	3.28	3.42	5.11		
		3	3.61	3.55	3.69	5.81		
		4	3.88	3.82	3.96	4.41		
		5	4.04	3.97	4.11	5.29		
		6	4.33	4.26	4.40	5.08		
		7	4.61	4.54	4.68	5.09		
		8	4.77	4.70	4.84	5.52		
PCB-1260	1	1	5.11	5.04	5.18	5.11	5.06	7.9
		2	5.47	5.40	5.54	4.69		
		3	5.82	5.75	5.89	4.46		
		4	5.94	5.87	6.01	5.37		
		5	6.27	6.20	6.34	4.61		
		6	6.75	6.68	6.82	5.34		
		7	7.28	7.21	7.35	6.12		
		8	8.62	8.55	8.69	4.77		
	2	1	6.24	6.18	6.32	4.84	4.67	
		2	6.58	6.51	6.65	4.61		
		3	7.18	7.11	7.25	4.56		
		4	7.36	7.29	7.43	5.00		
		5	7.46	7.39	7.53	4.81		
		6	7.98	7.91	8.05	4.75		
		7	9.26	9.19	9.33	4.32		
8		9.97	9.90	10.04	4.48			

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1
Matrix: Water Lab File ID: of177919.d
Analysis Method: 8082 Date Collected: 09/16/2011 08:30
Extraction Method: 3510C Date Extracted: 09/21/2011 13:17
Sample wt/vol: 900 (mL) Date Analyzed: 09/22/2011 16:29
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87099 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		37-150

Data File: of177919.d
Report Date: 23-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177919.d
Lab Smp Id: 460-31258-F-1-B Client Smp ID: GW-17338-091611-MM-
Inj Date : 22-SEP-2011 16:29
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31258-F-1-B
Misc Info : 460-31258-F-1-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
Meth Date : 23-Sep-2011 10:50 shanthi Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.475	10.480	-0.005	315918	94.7279	0.53 80.00- 120.00	100.00

Data File: of177919.d

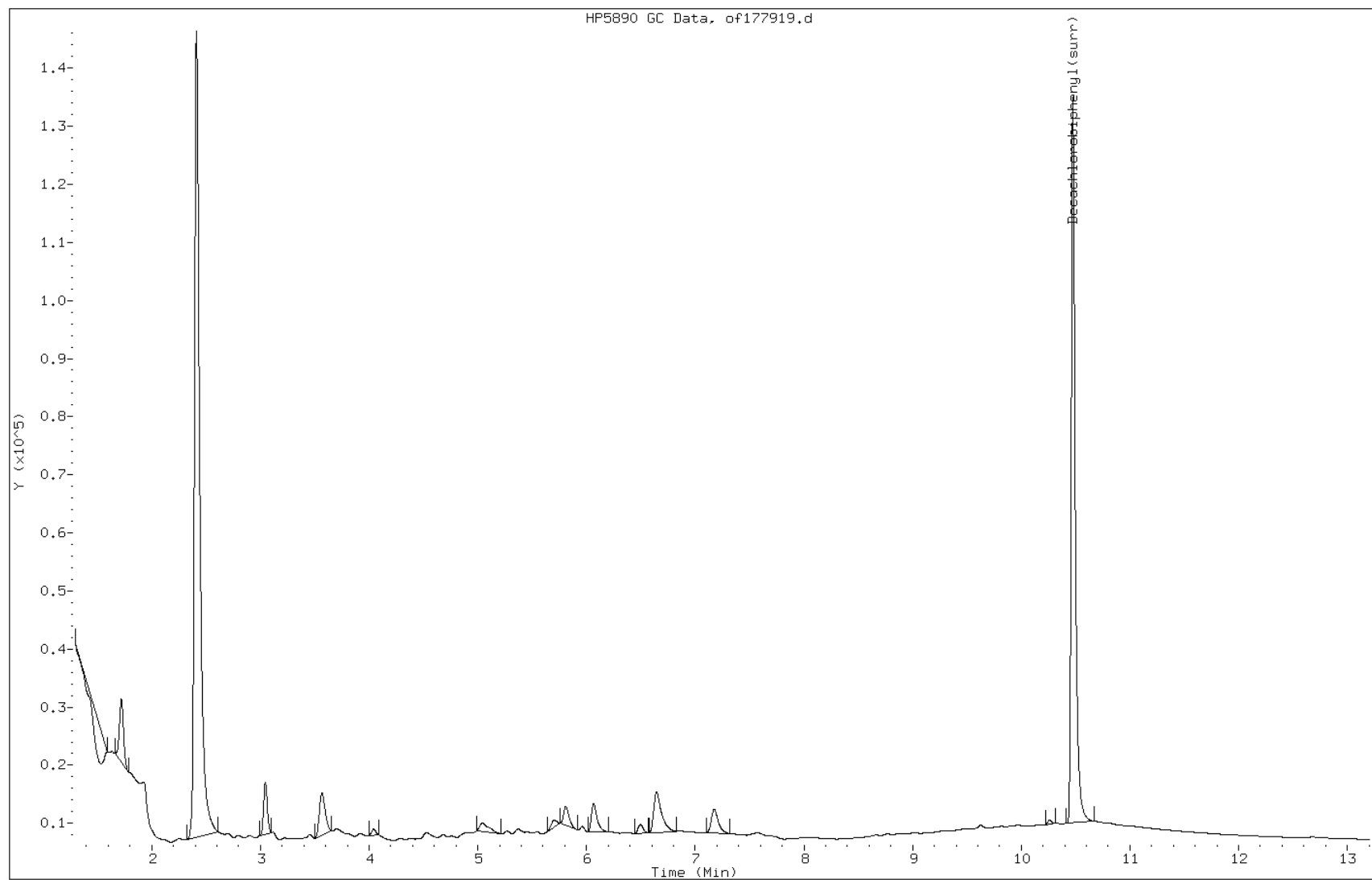
Date: 22-SEP-2011 16:29

Client ID: GW-17338-091611-MM-

Instrument: PESTGC7.i

Sample Info: 460-31258-F-1-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-01 Lab Sample ID: 460-31258-1
 Matrix: Water Lab File ID: or177919.d
 Analysis Method: 8082 Date Collected: 09/16/2011 08:30
 Extraction Method: 3510C Date Extracted: 09/21/2011 13:17
 Sample wt/vol: 900 (mL) Date Analyzed: 09/22/2011 16:29
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.56	U	0.56	0.14
11104-28-2	PCB-1221	0.56	U	0.56	0.31
11141-16-5	PCB-1232	0.56	U	0.56	0.13
53469-21-9	PCB-1242	0.56	U	0.56	0.13
12672-29-6	PCB-1248	0.56	U	0.56	0.27
11097-69-1	PCB-1254	0.56	U	0.56	0.19
11096-82-5	PCB-1260	0.56	U	0.56	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177919.d
Lab Smp Id: 460-31258-F-1-B Client Smp ID: GW-17338-091611-MM-
Inj Date : 22-SEP-2011 16:29
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31258-F-1-B
Misc Info : 460-31258-F-1-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
Meth Date : 23-Sep-2011 10:48 shanthi Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 31
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.350	9.360	-0.010	344719	97.9964	0.54	80.00-	120.00	100.00	

Data File: or177919.d

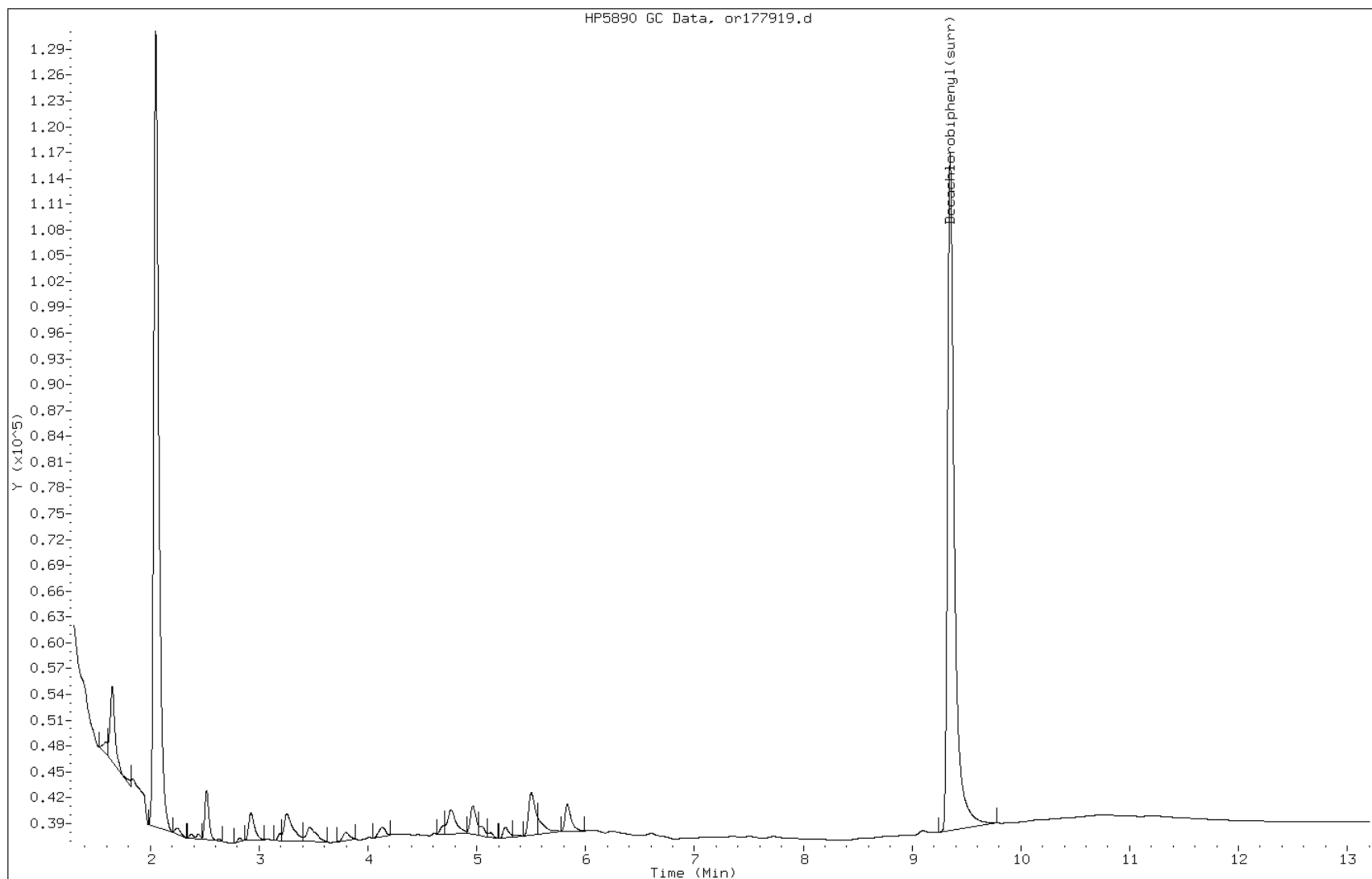
Date: 22-SEP-2011 16:29

Client ID: GW-17338-091611-MM-

Instrument: PESTGC7.i

Sample Info: 460-31258-F-1-B

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
Matrix: Water Lab File ID: of177834.d
Analysis Method: 8082 Date Collected: 09/16/2011 10:50
Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
Sample wt/vol: 845 (mL) Date Analyzed: 09/21/2011 02:36
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 86903 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	53		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177834.d
Lab Smp Id: 460-31258-H-2-A Client Smp ID: GW-17338-091611-MM-
Inj Date : 21-SEP-2011 02:36
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31258-H-2-A
Misc Info : 460-31258-H-2-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 86
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	845.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260					CAS #: 11096-82-5			
6.238	6.242	-0.004	97242	337.123	2.0	80.00-	120.00	100.00(M)
6.565	6.570	-0.005	153488	481.674	2.8	89.75-	134.63	157.84
7.167	7.177	-0.010	193586	500.536	3.0	112.26-	168.39	199.08
7.345	7.352	-0.007	116922	491.574	2.9	69.98-	104.97	120.24
7.452	7.458	-0.006	76146	411.111	2.4	51.34-	77.01	78.31
7.963	7.972	-0.009	124895	555.733	3.3	68.03-	102.05	128.44
9.243	9.253	-0.010	204797	805.376	4.8	75.28-	112.92	210.61
9.952	9.960	-0.008	76291	675.836	4.0	31.54-	47.31	78.45
Average of Peak Concentrations =					3.2			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.473	10.477	-0.004	178106	53.4050	0.32	80.00-	120.00	100.00

Data File: of177834.d
Report Date: 21-Sep-2011 13:30

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: of177834.d

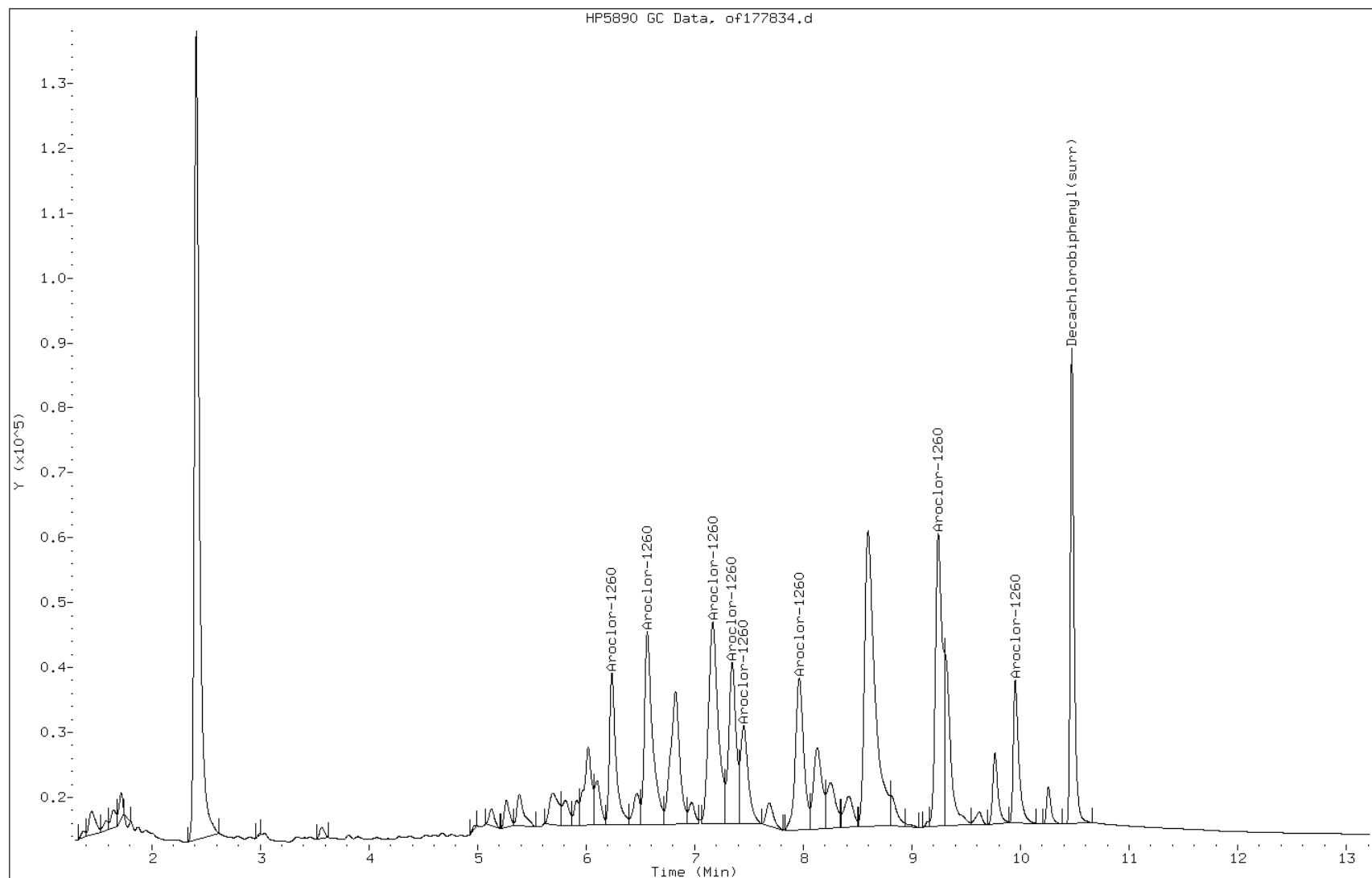
Date: 21-SEP-2011 02:36

Client ID: GW-17338-091611-MM-

Instrument: PESTGC7.i

Sample Info: 460-31258-H-2-A

Operator: 615



Manual Integration Report

Data File: of177834.d
Inj. Date and Time: 21-SEP-2011 02:36
Instrument ID: PESTGC7.i
Client ID: GW-17338-091611-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

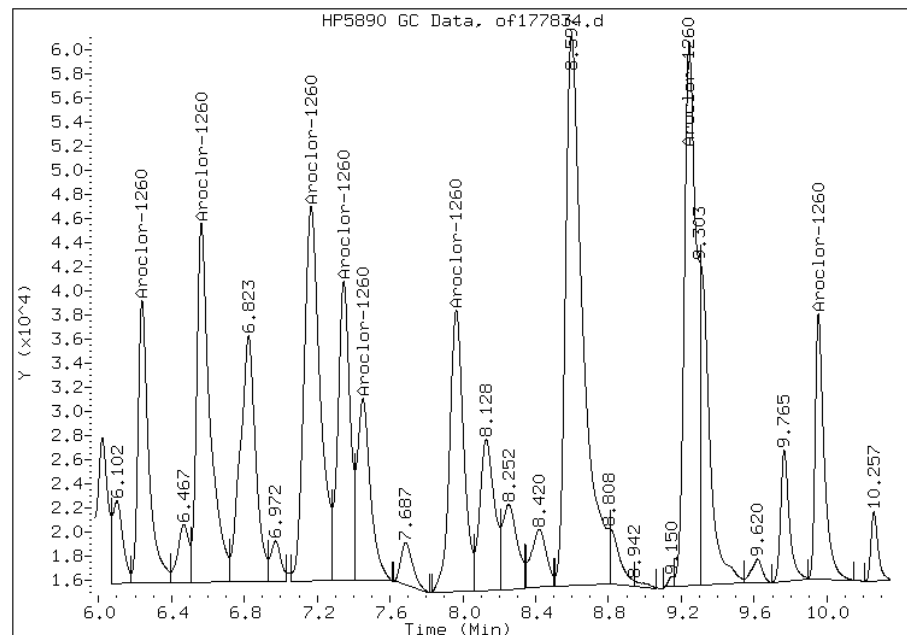
Processing Integration Results

Not Detected

Expected RT: 6.24

Manual Integration Results

RT: 6.24
Response: 97242
Amount: 532.37
Conc: 3.20



Manually Integrated By: sita
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-02 Lab Sample ID: 460-31258-2
 Matrix: Water Lab File ID: or177834.d
 Analysis Method: 8082 Date Collected: 09/16/2011 10:50
 Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
 Sample wt/vol: 845 (mL) Date Analyzed: 09/21/2011 02:36
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.59	U	0.59	0.15
11104-28-2	PCB-1221	0.59	U	0.59	0.33
11141-16-5	PCB-1232	0.59	U	0.59	0.14
53469-21-9	PCB-1242	0.59	U	0.59	0.14
12672-29-6	PCB-1248	0.59	U	0.59	0.28
11097-69-1	PCB-1254	0.59	U	0.59	0.20
11096-82-5	PCB-1260	3.5		0.59	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	57		37-150

Data File: or177834.d
Report Date: 21-Sep-2011 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177834.d
Lab Smp Id: 460-31258-H-2-A Client Smp ID: GW-17338-091611-MM-
Inj Date : 21-SEP-2011 02:36
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31258-H-2-A
Misc Info : 460-31258-H-2-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 86
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	845.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260					CAS #: 11096-82-5			
5.095	5.098	-0.003	78914	425.590	2.5	80.00-	120.00	100.00(M)
5.443	5.450	-0.007	158527	517.745	3.1	131.14-	196.71	200.89
5.797	5.807	-0.010	142760	530.669	3.1	104.12-	156.17	180.91
5.923	5.928	-0.005	87712	591.841	3.5	70.26-	105.40	111.15
6.248	6.255	-0.007	80997	608.612	3.6	52.01-	78.02	102.64
6.722	6.735	-0.013	247347	663.454	3.9	148.77-	223.15	313.44
7.347	7.353	-0.006	97404	638.590	3.8	60.99-	91.49	123.43
8.567	8.590	-0.023	68177	741.223	4.4	38.05-	57.07	86.39
Average of Peak Concentrations =					3.5			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.343	9.350	-0.007	201366	57.2441	0.34	80.00-	120.00	100.00

Data File: or177834.d
Report Date: 21-Sep-2011 13:30

QC Flag Legend

M - Compound response manually integrated.

Data File: or177834.d

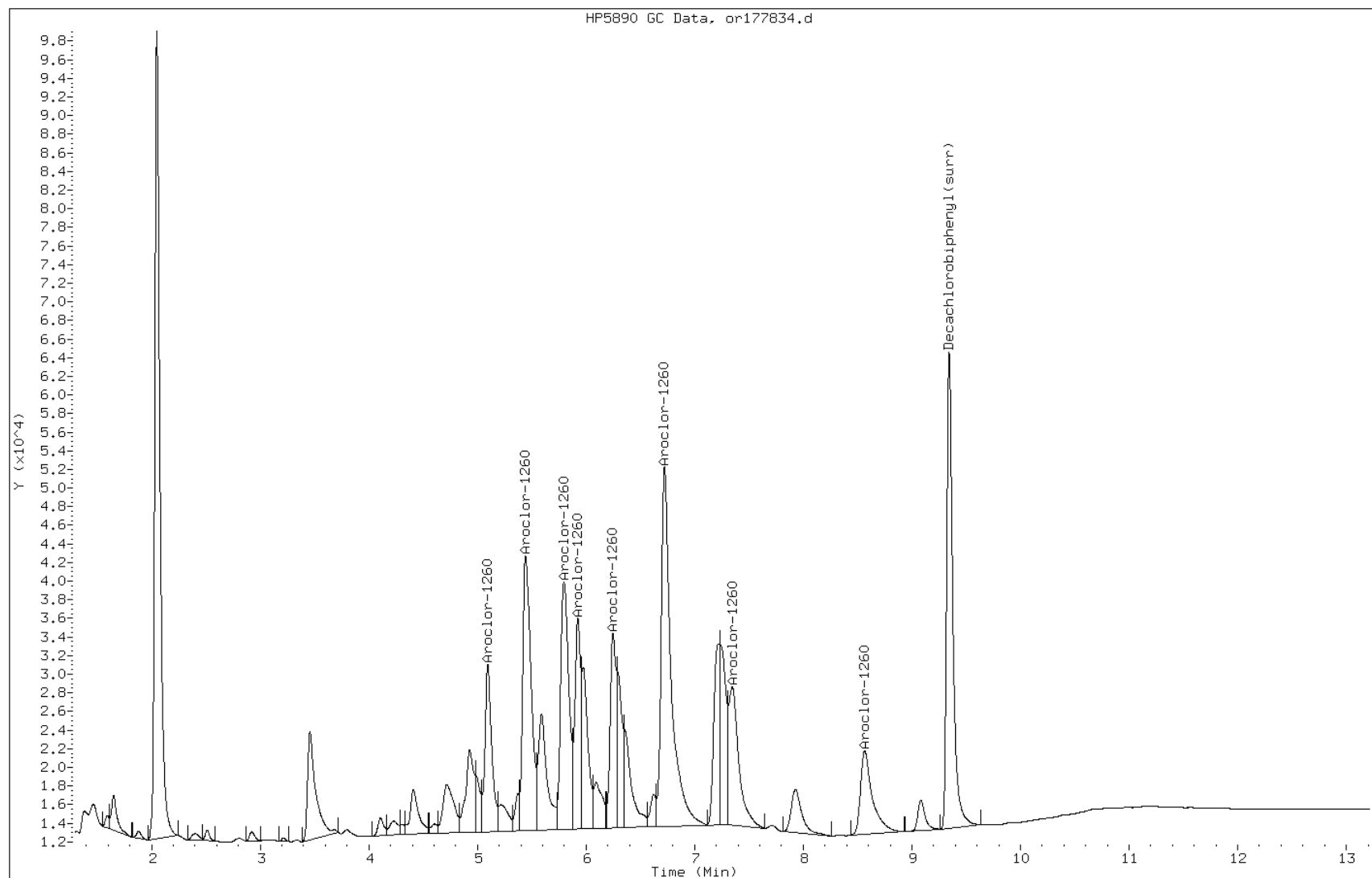
Date: 21-SEP-2011 02:36

Client ID: GW-17338-091611-MM-

Instrument: PESTGC7.i

Sample Info: 460-31258-H-2-A

Operator: 615



Manual Integration Report

Data File: or177834.d
Inj. Date and Time: 21-SEP-2011 02:36
Instrument ID: PESTGC7.i
Client ID: GW-17338-091611-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

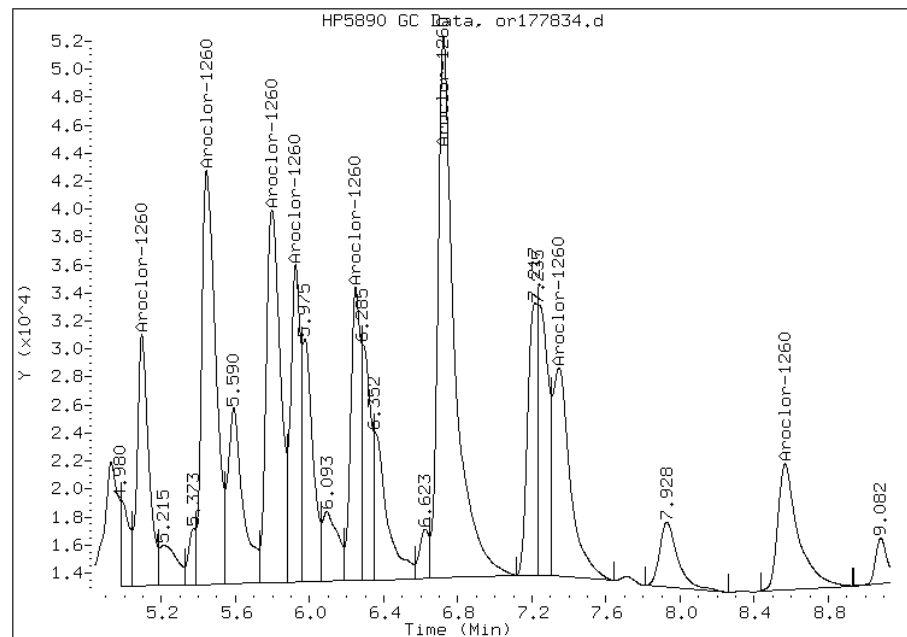
Processing Integration Results

Not Detected

Expected RT: 5.10

Manual Integration Results

RT: 5.09
Response: 78914
Amount: 589.72
Conc: 3.50



Manually Integrated By: sita
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
Matrix: Water Lab File ID: of177835.d
Analysis Method: 8082 Date Collected: 09/16/2011 12:15
Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
Sample wt/vol: 890 (mL) Date Analyzed: 09/21/2011 02:52
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 86903 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	37		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177835.d
Lab Smp Id: 460-31258-G-3-A Client Smp ID: GW-17338-091611-MM-
Inj Date : 21-SEP-2011 02:52
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31258-G-3-A
Misc Info : 460-31258-G-3-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 87
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	890.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260					CAS #: 11096-82-5			
6.230	6.242	-0.012	67809	235.083	1.3	80.00-	120.00	100.00(M)
6.553	6.570	-0.017	84387	264.822	1.5	89.75-	134.63	124.45
7.158	7.177	-0.019	307506	795.087	4.5	112.26-	168.39	453.49
7.337	7.352	-0.015	76120	320.031	1.8	69.98-	104.97	112.26
7.447	7.458	-0.011	60306	325.591	1.8	51.34-	77.01	88.94
7.953	7.972	-0.019	72315	321.773	1.8	68.03-	102.05	106.65
9.237	9.253	-0.016	124323	488.907	2.7	75.28-	112.92	183.34
9.948	9.960	-0.012	66390	588.127	3.3	31.54-	47.31	97.91
Average of Peak Concentrations =					2.3			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.472	10.477	-0.005	124268	37.2617	0.21	80.00-	120.00	100.00

Data File: of177835.d
Report Date: 21-Sep-2011 13:35

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: of177835.d

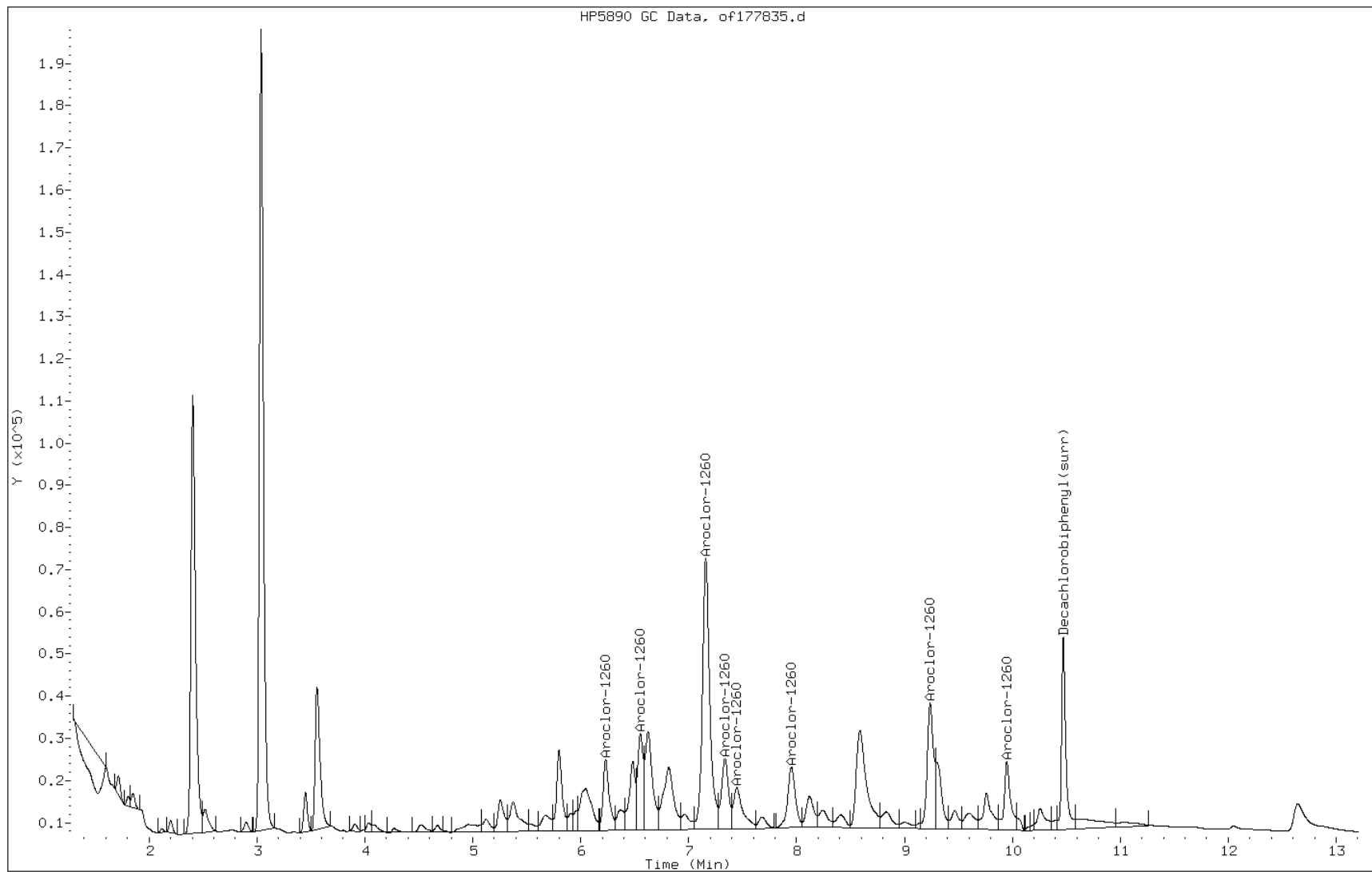
Date: 21-SEP-2011 02:52

Client ID: GW-17338-091611-MM-

Instrument: PESTGC7.i

Sample Info: 460-31258-G-3-A

Operator: 615



Manual Integration Report

Data File: of177835.d
Inj. Date and Time: 21-SEP-2011 02:52
Instrument ID: PESTGC7.i
Client ID: GW-17338-091611-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

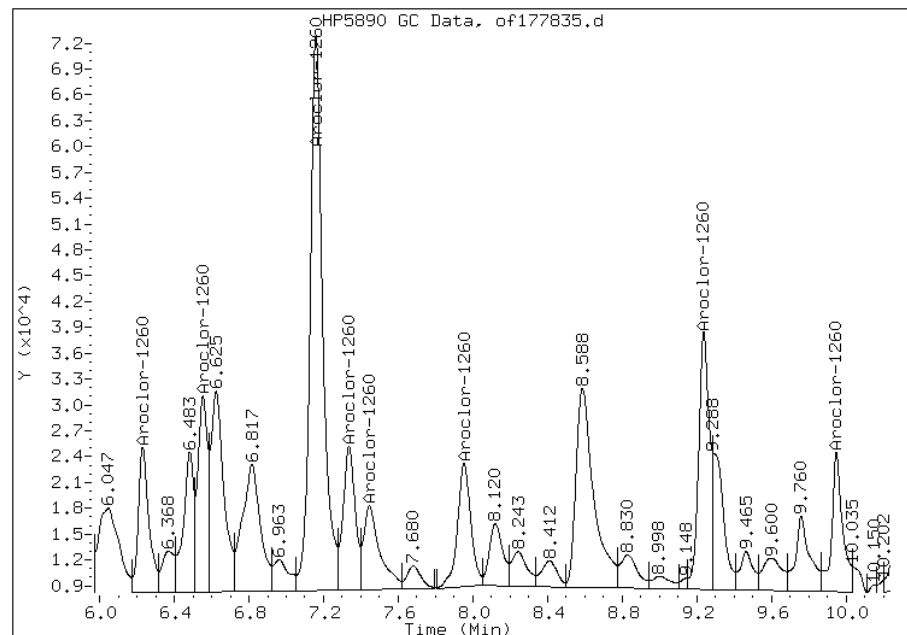
Processing Integration Results

Not Detected

Expected RT: 6.24

Manual Integration Results

RT: 6.23
Response: 67809
Amount: 417.43
Conc: 2.30



Manually Integrated By: sita
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: GW-17338-091611-MM-03 Lab Sample ID: 460-31258-3
 Matrix: Water Lab File ID: or177835.d
 Analysis Method: 8082 Date Collected: 09/16/2011 12:15
 Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
 Sample wt/vol: 890 (mL) Date Analyzed: 09/21/2011 02:52
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.56	U	0.56	0.15
11104-28-2	PCB-1221	0.56	U	0.56	0.31
11141-16-5	PCB-1232	0.56	U	0.56	0.13
53469-21-9	PCB-1242	0.56	U	0.56	0.13
12672-29-6	PCB-1248	0.56	U	0.56	0.27
11097-69-1	PCB-1254	0.56	U	0.56	0.19
11096-82-5	PCB-1260	2.4		0.56	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	39		37-150

Data File: or177835.d
Report Date: 21-Sep-2011 13:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177835.d
Lab Smp Id: 460-31258-G-3-A Client Smp ID: GW-17338-091611-MM-
Inj Date : 21-SEP-2011 02:52
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31258-G-3-A
Misc Info : 460-31258-G-3-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 87
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	890.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260					CAS #: 11096-82-5			
5.088	5.098	-0.010	48085	259.326	1.4	80.00-	120.00	100.00(M)
5.442	5.450	-0.008	47990	156.734	0.88	131.14-	196.71	99.80
5.817	5.807	0.010	236344	878.541	4.9	104.12-	156.17	491.51
5.920	5.928	-0.008	55180	372.330	2.1	70.26-	105.40	114.76
6.242	6.255	-0.013	58022	435.977	2.4	52.01-	78.02	120.67
6.715	6.735	-0.020	137238	368.111	2.1	148.77-	223.15	285.41
7.340	7.353	-0.013	51434	337.206	1.9	60.99-	91.49	106.96
8.553	8.590	-0.037	62037	674.469	3.8	38.05-	57.07	129.02
Average of Peak Concentrations =					2.4			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.340	9.350	-0.010	138809	39.4605	0.22	80.00-	120.00	100.00(M)

Data File: or177835.d
Report Date: 21-Sep-2011 13:35

QC Flag Legend

M - Compound response manually integrated.

Data File: or177835.d

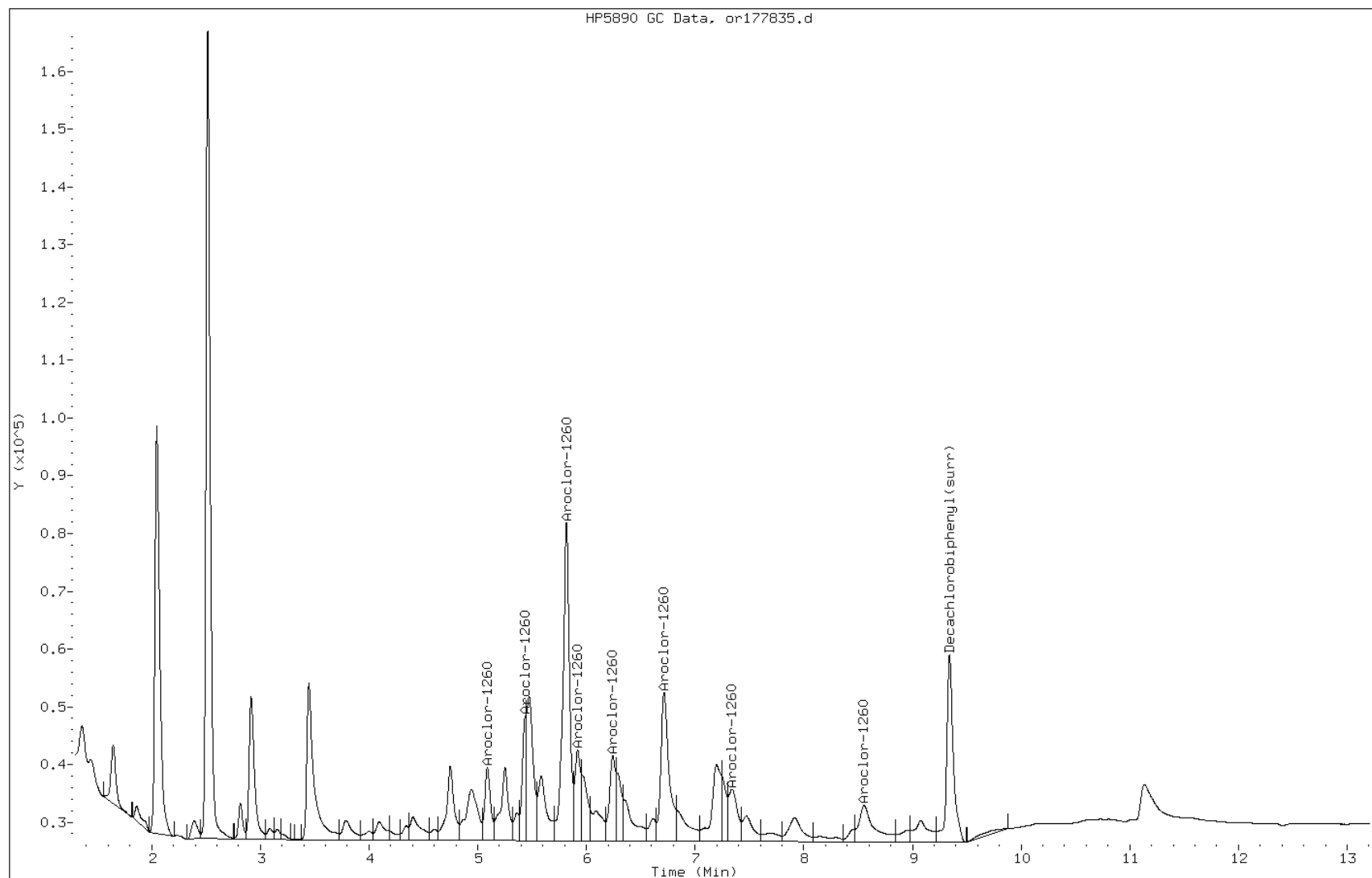
Date: 21-SEP-2011 02:52

Client ID: GW-17338-091611-MM-

Instrument: PESTGC7.i

Sample Info: 460-31258-G-3-A

Operator: 615

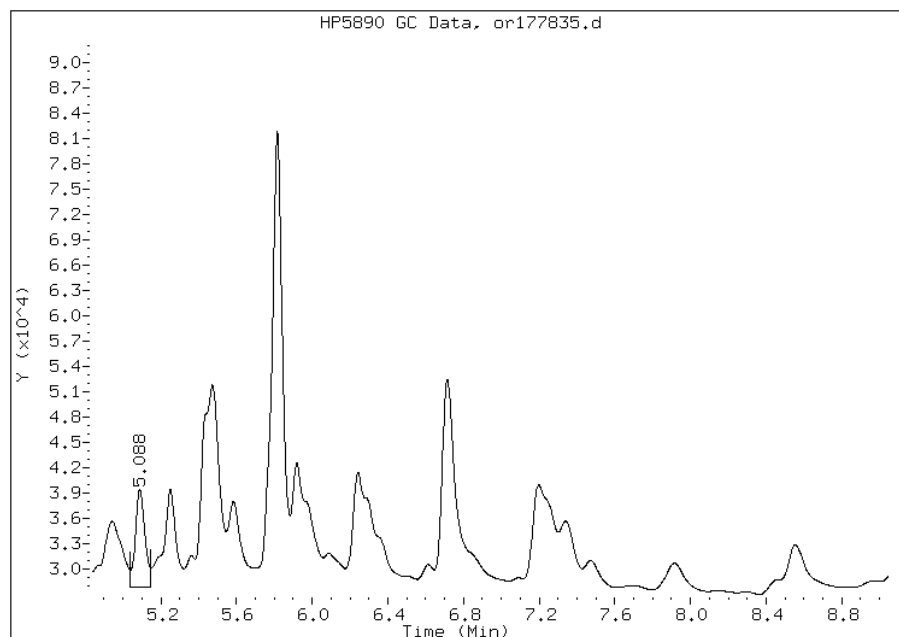


Manual Integration Report

Data File: or177835.d
Inj. Date and Time: 21-SEP-2011 02:52
Instrument ID: PESTGC7.i
Client ID: GW-17338-091611-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

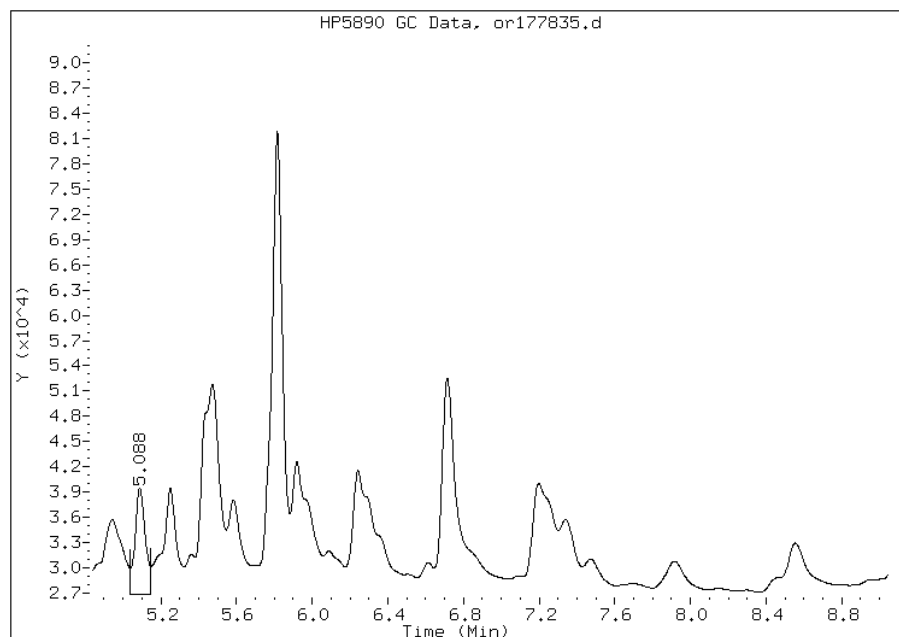
Processing Integration Results

RT: 5.09
Response: 40539
Amount: 558.52
Conc: 0.00



Manual Integration Results

RT: 5.09
Response: 48085
Amount: 435.34
Conc: 2.40



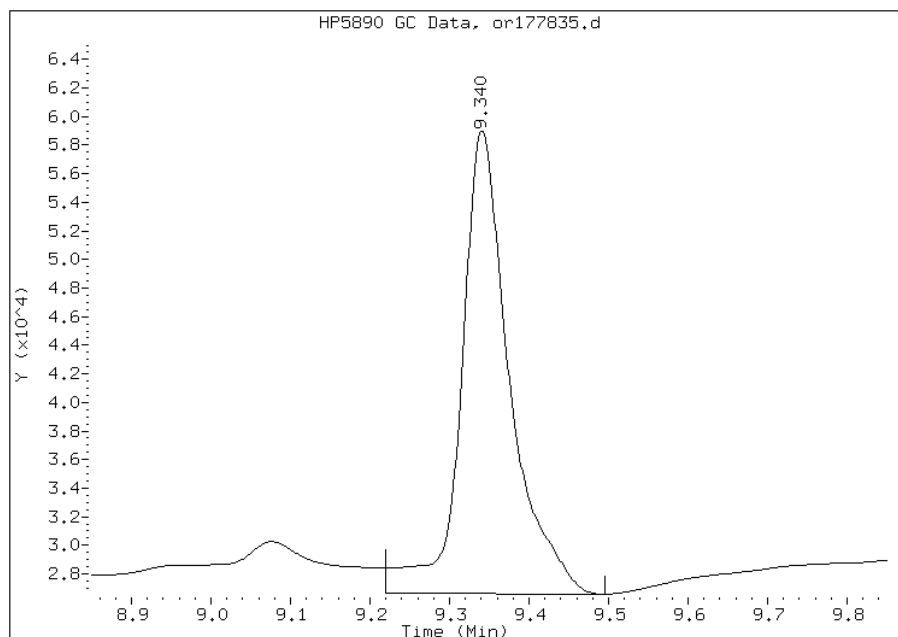
Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or177835.d
Inj. Date and Time: 21-SEP-2011 02:52
Instrument ID: PESTGC7.i
Client ID: GW-17338-091611-MM-
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/22/2011

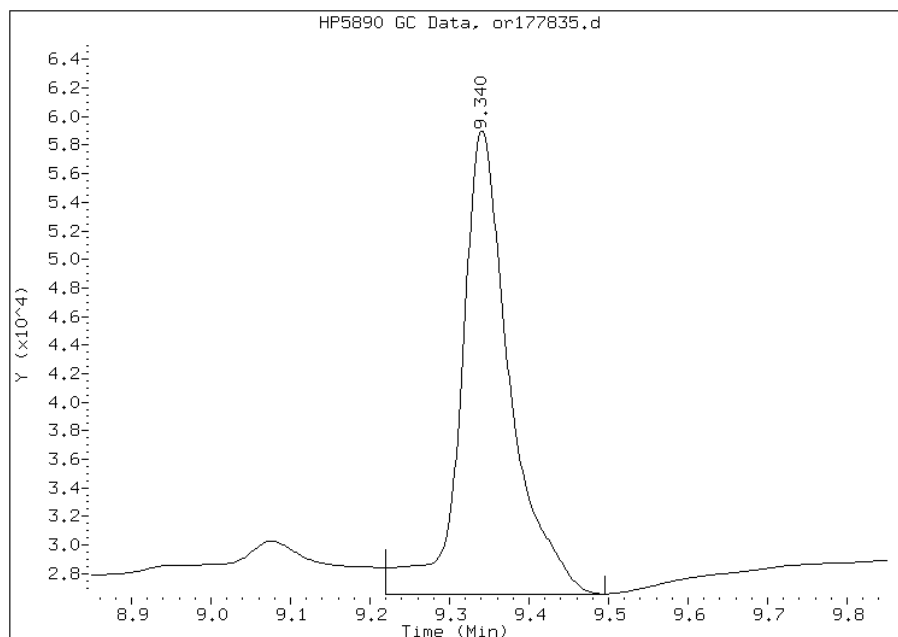
Processing Integration Results

RT: 9.34
Response: 137370
Amount: 39.05
Conc: 0.00



Manual Integration Results

RT: 9.34
Response: 138809
Amount: 39.46
Conc: 0.22



Manually Integrated By: sita
Manual Integration Reason:

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	of176813.d
Level 2	IC 460-84507/7	of176815.d
Level 3	IC 460-84507/8	of176816.d
Level 4	IC 460-84507/9	of176817.d
Level 5	IC 460-84507/10	of176818.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.882	2.878	2.882	2.882	2.882						2.812 - 2.952	2.881
PCB-1016 Peak 2	3.332	3.327	3.332	3.330	3.330						3.262 - 3.402	3.330
PCB-1016 Peak 3	3.602	3.597	3.602	3.600	3.600						3.532 - 3.672	3.600
PCB-1016 Peak 4	3.860	3.855	3.862	3.860	3.860						3.792 - 3.932	3.859
PCB-1016 Peak 5	4.022	4.017	4.023	4.022	4.022						3.953 - 4.093	4.021
PCB-1016 Peak 6	4.317	4.312	4.317	4.315	4.315						4.247 - 4.387	4.315
PCB-1016 Peak 7	4.595	4.590	4.595	4.593	4.593						4.525 - 4.665	4.593
PCB-1016 Peak 8	4.752	4.748	4.753	4.752	4.752						4.683 - 4.823	4.751
PCB-1260 Peak 1	6.235	6.230	6.233	6.232	6.232						6.163 - 6.303	6.232
PCB-1260 Peak 2	6.563	6.557	6.560	6.557	6.555						6.490 - 6.630	6.558
PCB-1260 Peak 3	7.168	7.162	7.163	7.162	7.160						7.093 - 7.233	7.163
PCB-1260 Peak 4	7.347	7.340	7.343	7.342	7.340						7.273 - 7.413	7.342
PCB-1260 Peak 5	7.448	7.445	7.450	7.447	7.445						7.380 - 7.520	7.447
PCB-1260 Peak 6	7.967	7.962	7.963	7.962	7.960						7.893 - 8.033	7.963
PCB-1260 Peak 7	9.250	9.243	9.245	9.243	9.240						9.175 - 9.315	9.244
PCB-1260 Peak 8	9.957	9.953	9.953	9.952	9.950						9.883 - 10.023	9.953
DCB Decachlorobiphenyl	10.477	10.475	10.475	10.475	10.473						10.375 - 10.575	10.475

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	of176813.d
Level 2	IC 460-84507/7	of176815.d
Level 3	IC 460-84507/8	of176816.d
Level 4	IC 460-84507/9	of176817.d
Level 5	IC 460-84507/10	of176818.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	64.230 85.158	98.840	89.035	82.329	Ave		83.9182533				15.1		20.0			
PCB-1016 Peak 2	248.25 176.00	219.78	199.18	189.23	Ave		206.488453				13.7		20.0			
PCB-1016 Peak 3	117.78 104.43	111.11	107.84	109.98	Ave		110.228293				4.5		20.0			
PCB-1016 Peak 4	320.51 316.63	326.47	326.18	319.25	Ave		321.808813				1.4		20.0			
PCB-1016 Peak 5	200.53 175.81	200.48	189.43	182.22	Ave		189.694227				5.8		20.0			
PCB-1016 Peak 6	137.22 103.82	134.61	121.13	111.63	Ave		121.682813				11.8		20.0			
PCB-1016 Peak 7	106.13 77.993	125.00	112.93	107.46	Ave		105.903027				16.3		20.0			
PCB-1016 Peak 8	155.69 154.10	175.84	164.94	155.68	Ave		161.248733				5.7		20.0			
PCB-1260 Peak 1	338.74 255.74	298.01	289.61	260.14	Ave		288.446560				11.6		20.0			
PCB-1260 Peak 2	357.68 290.33	326.44	324.66	294.16	Ave		318.655200				8.6		20.0			
PCB-1260 Peak 3	383.78 380.83	386.89	405.97	376.33	Ave		386.757720				3.0		20.0			
PCB-1260 Peak 4	268.46 213.11	247.32	241.29	219.09	Ave		237.852147				9.4		20.0			
PCB-1260 Peak 5	204.12 166.61	199.49	185.67	170.22	Ave		185.220187				9.1		20.0			
PCB-1260 Peak 6	212.38 227.43	227.41	236.48	220.01	Ave		224.739120				4.0		20.0			
PCB-1260 Peak 7	258.97 256.46	278.52	253.05	224.45	Ave		254.287387				7.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	109.68 110.18	116.25	118.94	109.36	Ave		112.883813				3.9		20.0			
DCB Decachlorobiphenyl	3732.8 2975.8	3598.9	3239.5	3128.0	Ave		3335.00433				9.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12029

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	of176813.d
Level 2	IC 460-84507/7	of176815.d
Level 3	IC 460-84507/8	of176816.d
Level 4	IC 460-84507/9	of176817.d
Level 5	IC 460-84507/10	of176818.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	6423	49420	89035	123493	212894	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	24825	109890	199182	283849	439994	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	11778	55554	107842	164968	261082	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	32051	163234	326179	478879	791586	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	20053	100242	189425	273332	439527	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	13722	67306	121131	167440	259561	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	10613	62499	112931	161195	194982	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	15569	87919	164935	233515	385260	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	33874	149003	289606	390204	639362	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	35768	163222	324660	441240	725830	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	38378	193445	405965	564489	952069	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	26846	123658	241287	328628	532781	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	20412	99743	185666	255335	416514	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	21238	113703	236478	330009	568564	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	25897	139259	253046	336668	641144	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	10968	58126	118944	164041	275456	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	93321	179943	323947	469201	595169	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: of176813.d
Report Date: 29-Aug-2011 13:11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176813.d
Lab Smp Id: IC SG1660L1_00010
Inj Date : 29-AUG-2011 09:29
Operator : 615
Smp Info : IC SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:11 sita
Cal Date : 29-AUG-2011 09:29
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176813.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.882	2.882	0.000	6423 100.000	76 80.00- 120.00	100.00(M)	
3.332	3.332	0.000	24825 100.000	120 309.20- 463.80	386.50	
3.602	3.602	0.000	11778 100.000	110 146.70- 220.05	183.37	
3.860	3.862	-0.002	32051 100.000	100 399.20- 598.80	499.00	
4.022	4.023	-0.001	20053 100.000	100 249.76- 374.65	312.21	
4.317	4.317	0.000	13722 100.000	110 170.91- 256.37	213.64	
4.595	4.595	0.000	10613 100.000	100 132.19- 198.28	165.23	
4.752	4.753	-0.001	15569 100.000	96 193.92- 290.87	242.39	
Average of Peak Amounts =			102			
27 Aroclor-1260			CAS #: 11096-82-5			
6.235	6.233	0.002	33874 100.000	120 80.00- 120.00	100.00(M)	

Data File: of176813.d
 Report Date: 29-Aug-2011 13:11

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.563	6.560	0.003	35768	100.000	110	84.47-	126.71	105.59	
7.168	7.163	0.005	38378	100.000	99	90.64-	135.96	113.30	
7.347	7.343	0.004	26846	100.000	110	63.40-	95.10	79.25	
7.448	7.450	-0.002	20412	100.000	110	48.21-	72.31	60.26	
7.967	7.963	0.004	21238	100.000	94	50.16-	75.24	62.70	
9.250	9.245	0.005	25897	100.000	100	61.16-	91.74	76.45	
9.957	9.953	0.004	10968	100.000	97	25.90-	38.85	32.38	
Average of Peak Amounts =					106				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.477	10.475	0.002	93321	25.0000	28	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of176813.d

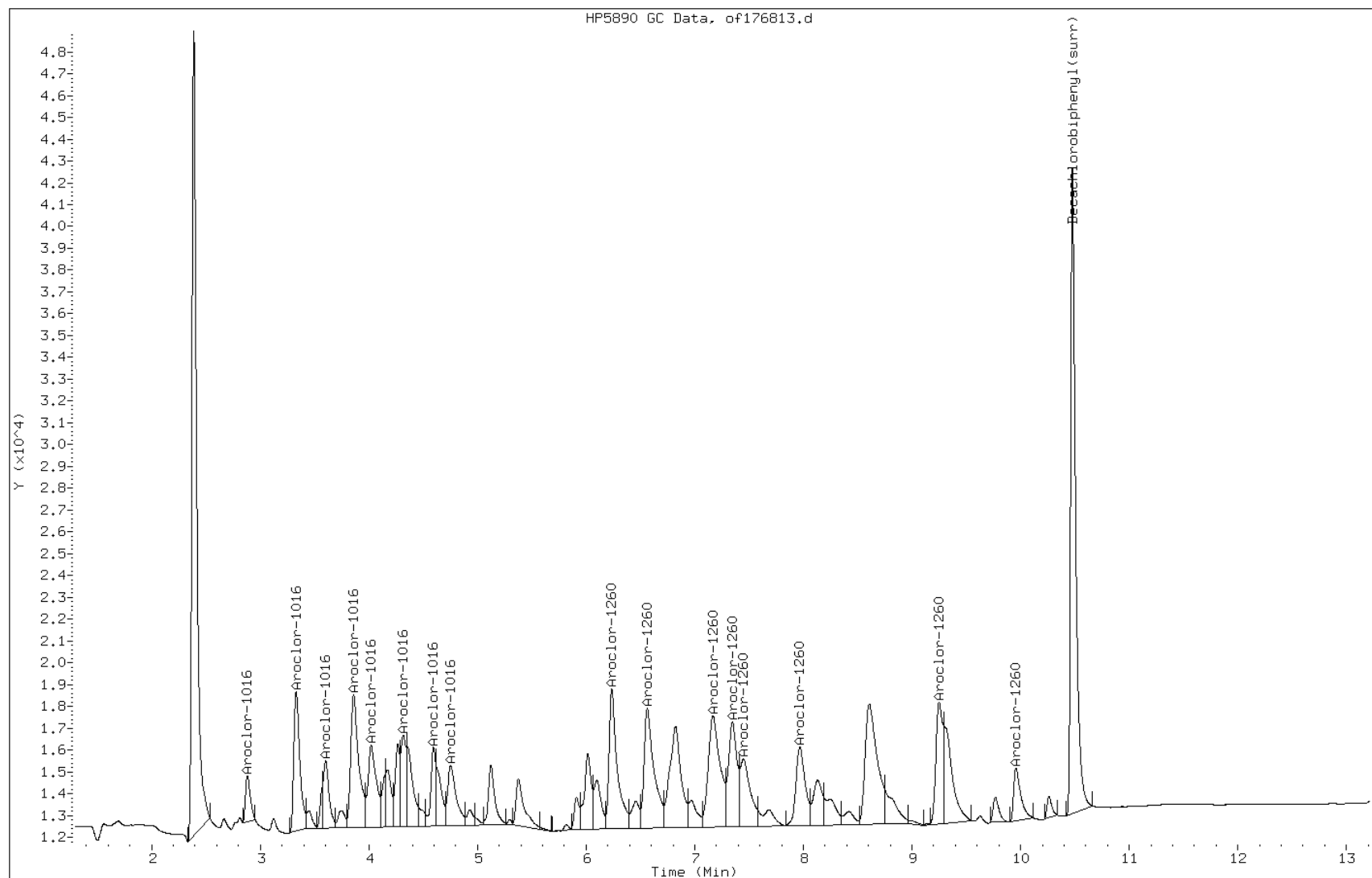
Date: 29-AUG-2011 09:29

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L1_00010

Operator: 615



Data File: of176815.d
Report Date: 29-Aug-2011 13:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176815.d
Lab Smp Id: IC SG1660L2_00010
Inj Date : 29-AUG-2011 10:01
Operator : 615
Smp Info : IC SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:12 sita
Cal Date : 29-AUG-2011 10:01
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176815.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.878	2.882	-0.004	49420 500.000	590 80.00- 120.00	100.00(M)	
3.327	3.332	-0.005	109890 500.000	530 177.89- 266.83	222.36	
3.597	3.602	-0.005	55554 500.000	500 89.93- 134.89	112.41	
3.855	3.862	-0.007	163234 500.000	510 264.24- 396.36	330.30	
4.017	4.023	-0.006	100242 500.000	530 162.27- 243.40	202.84	
4.312	4.317	-0.005	67306 500.000	550 108.95- 163.43	136.19	
4.590	4.595	-0.005	62499 500.000	590 101.17- 151.76	126.46	
4.748	4.753	-0.005	87919 500.000	540 142.32- 213.48	177.90	
Average of Peak Amounts =				544		
27 Aroclor-1260				CAS #: 11096-82-5		
6.230	6.233	-0.003	149003 500.000	520 80.00- 120.00	100.00(M)	

Data File: of176815.d
 Report Date: 29-Aug-2011 13:12

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.557	6.560	-0.003	163222	500.000	510	87.63-	131.45	109.54	
7.162	7.163	-0.001	193445	500.000	500	103.86-	155.79	129.83	
7.340	7.343	-0.003	123658	500.000	520	66.39-	99.59	82.99	
7.445	7.450	-0.005	99743	500.000	540	53.55-	80.33	66.94	
7.962	7.963	-0.001	113703	500.000	500	61.05-	91.57	76.31	
9.243	9.245	-0.002	139259	500.000	550	74.77-	112.15	93.46	
9.953	9.953	0.000	58126	500.000	510	31.21-	46.81	39.01	
Average of Peak Amounts =					519				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.475	10.475	0.000	179943	50.0000	54	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of176815.d

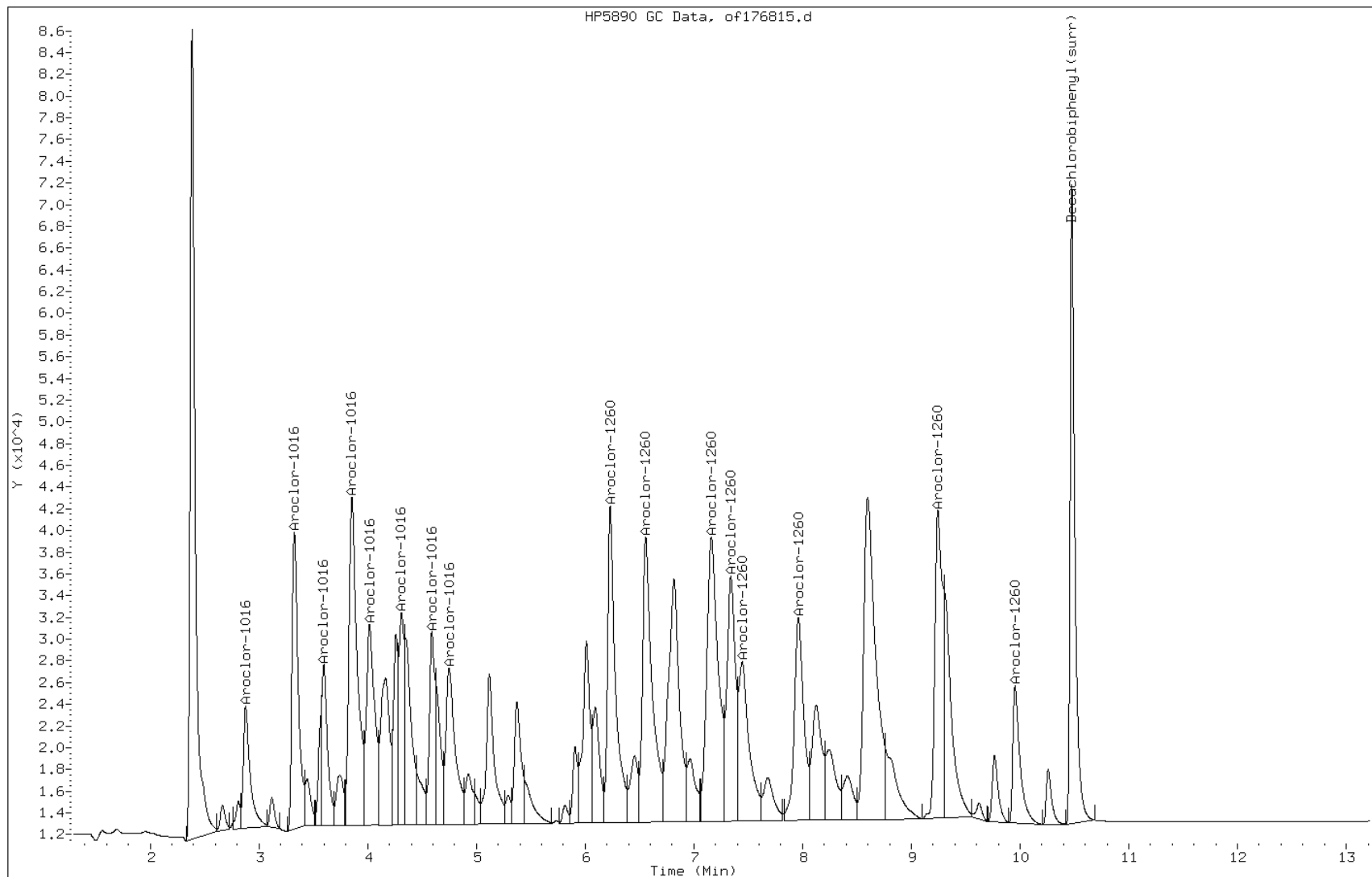
Date: 29-AUG-2011 10:01

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L2_00010

Operator: 615



Data File: of176816.d
Report Date: 29-Aug-2011 13:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176816.d
Lab Smp Id: IC SG1660L3_00013
Inj Date : 29-AUG-2011 10:18
Operator : 615
Smp Info : IC SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:12 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
21 Aroclor-1016			CAS #: 12674-11-2						
2.882	2.882	0.000	89035 1000.00	1100 80.00- 120.00	100.00(M)				
3.332	3.332	0.000	199182 1000.00	960 178.97- 268.45	223.71				
3.602	3.602	0.000	107842 1000.00	980 96.90- 145.35	121.12				
3.862	3.862	0.000	326179 1000.00	1000 293.08- 439.62	366.35				
4.023	4.023	0.000	189425 1000.00	1000 170.20- 255.30	212.75				
4.317	4.317	0.000	121131 1000.00	1000 108.84- 163.26	136.05				
4.595	4.595	0.000	112931 1000.00	1100 101.47- 152.21	126.84				
4.753	4.753	0.000	164935 1000.00	1000 148.20- 222.30	185.25				
Average of Peak Amounts =			1.01e+03						

27 Aroclor-1260			CAS #: 11096-82-5						
6.233	6.233	0.000	289606 1000.00	1000 80.00- 120.00	100.00(M)				

Data File: of176816.d
 Report Date: 29-Aug-2011 13:12

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====		=====	
27 Aroclor-1260 (continued)									
6.560	6.560	0.000	324660	1000.00	1000	89.68-	134.52	112.10	
7.163	7.163	0.000	405965	1000.00	1000	112.14-	168.21	140.18	
7.343	7.343	0.000	241287	1000.00	1000	66.65-	99.98	83.32	
7.450	7.450	0.000	185666	1000.00	1000	51.29-	76.93	64.11	
7.963	7.963	0.000	236478	1000.00	1000	65.32-	97.99	81.66	
9.245	9.245	0.000	253046	1000.00	1000	69.90-	104.85	87.38	
9.953	9.953	0.000	118944	1000.00	1000	32.86-	49.29	41.07	
Average of Peak Amounts =					1.02e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.475	10.475	0.000	323947	100.000	97	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of176816.d

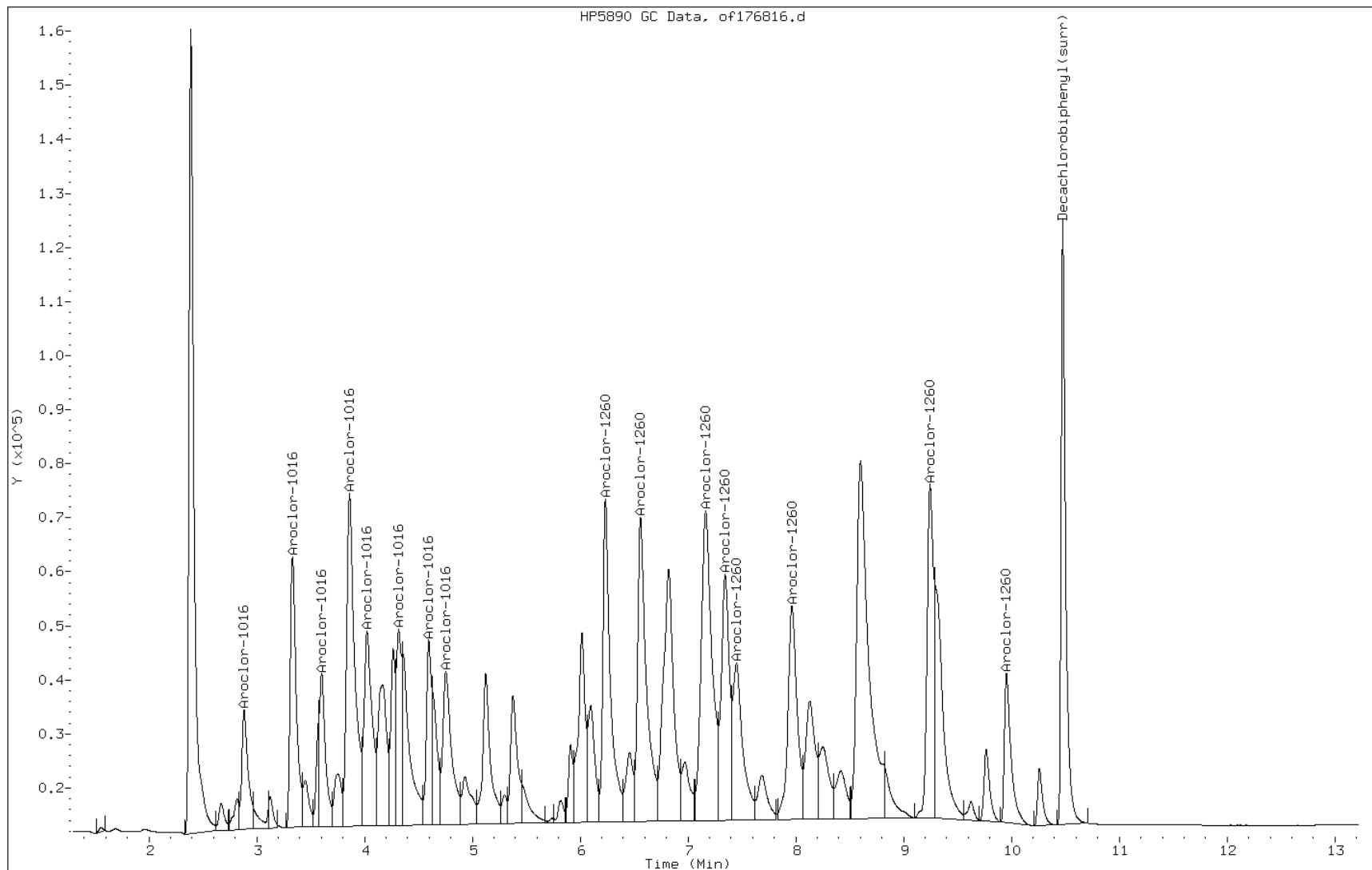
Date: 29-AUG-2011 10:18

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L3_00013

Operator: 615



Data File: of176817.d
 Report Date: 29-Aug-2011 13:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176817.d
 Lab Smp Id: IC SG1660L4_00010
 Inj Date : 29-AUG-2011 10:34
 Operator : 615
 Smp Info : IC SG1660L4_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
 Meth Date : 29-Aug-2011 13:12 sita
 Cal Date : 29-AUG-2011 10:34
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3
 Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of176817.d
 Calibration Sample, Level: 4
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.882	2.882	0.000	123493	1500.00	1500	80.00-	120.00	100.00(M)	
3.330	3.332	-0.002	283849	1500.00	1400	183.88-	275.82	229.85	
3.600	3.602	-0.002	164968	1500.00	1500	106.87-	160.30	133.58	
3.860	3.862	-0.002	478879	1500.00	1500	310.22-	465.33	387.78	
4.022	4.023	-0.001	273332	1500.00	1400	177.07-	265.60	221.33	
4.315	4.317	-0.002	167440	1500.00	1400	108.47-	162.70	135.59	
4.593	4.595	-0.002	161195	1500.00	1500	104.42-	156.64	130.53	
4.752	4.753	-0.001	233515	1500.00	1400	151.27-	226.91	189.09	
Average of Peak Amounts =					1.45e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.232	6.233	-0.001	390204	1500.00	1400	80.00-	120.00	100.00(M)	

Data File: of176817.d
 Report Date: 29-Aug-2011 13:12

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.557	6.560	-0.003	441240	1500.00	1400	90.46-	135.70	113.08	
7.162	7.163	-0.001	564489	1500.00	1400	115.73-	173.60	144.67	
7.342	7.343	-0.001	328628	1500.00	1400	67.38-	101.06	84.22	
7.447	7.450	-0.003	255335	1500.00	1400	52.35-	78.52	65.44	
7.962	7.963	-0.001	330009	1500.00	1500	67.66-	101.49	84.57	
9.243	9.245	-0.002	336668	1500.00	1300	69.02-	103.54	86.28	
9.952	9.953	-0.001	164041	1500.00	1400	33.63-	50.45	42.04	
Average of Peak Amounts =					1.4e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.475	10.475	0.000	469201	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of176817.d

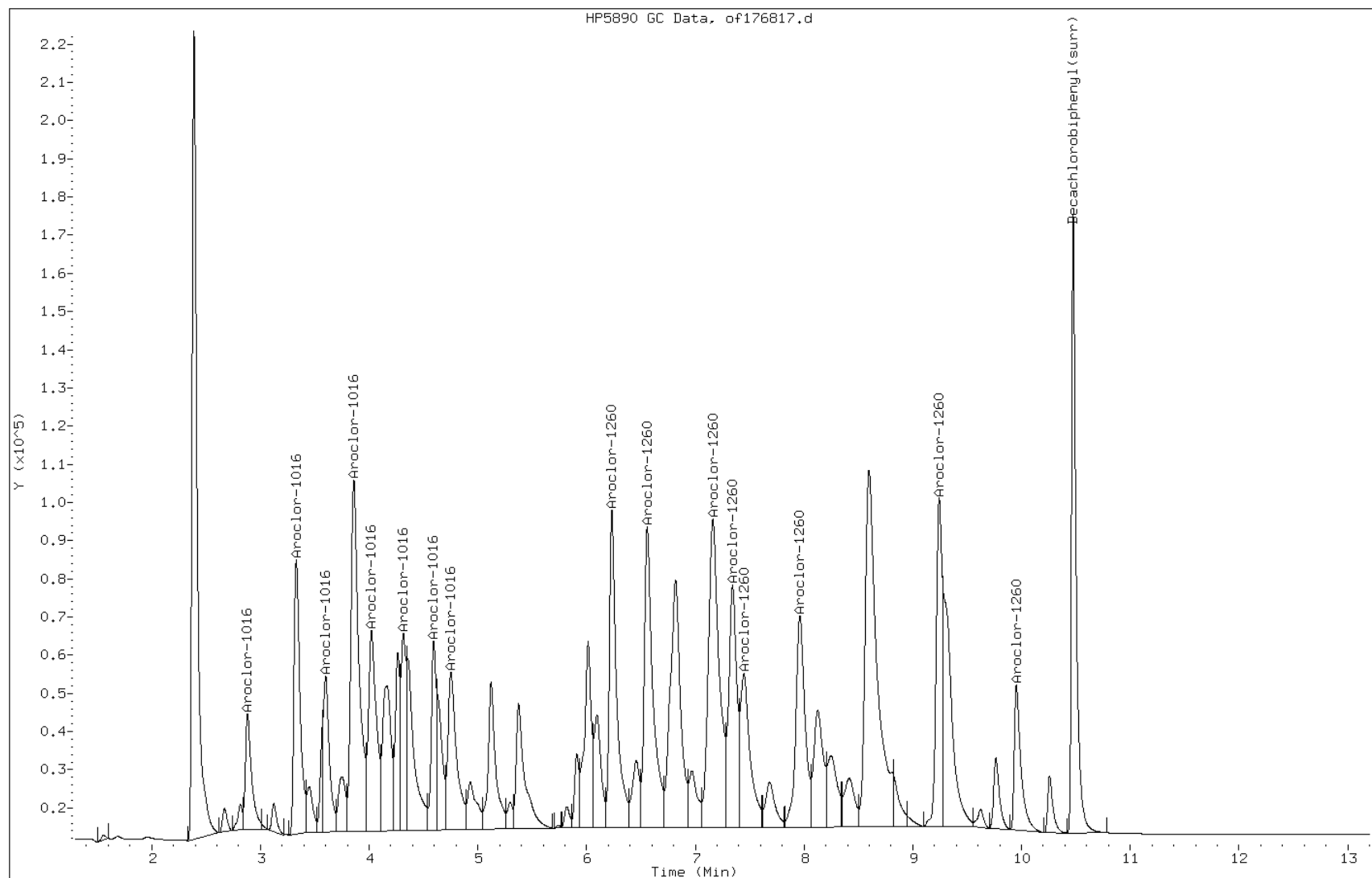
Date: 29-AUG-2011 10:34

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L4_00010

Operator: 615



Data File: of176818.d
Report Date: 29-Aug-2011 13:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176818.d
Lab Smp Id: IC SG1660L5_00010
Inj Date : 29-AUG-2011 10:51
Operator : 615
Smp Info : IC SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:12 sita
Cal Date : 29-AUG-2011 10:51
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176818.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.882	2.882	0.000	212894 2500.00	2500	80.00- 120.00	100.00(M)
3.330	3.332	-0.002	439994 2500.00	2100	165.34- 248.01	206.67
3.600	3.602	-0.002	261082 2500.00	2400	98.11- 147.16	122.63
3.860	3.862	-0.002	791586 2500.00	2400	297.46- 446.19	371.82
4.022	4.023	-0.001	439527 2500.00	2300	165.16- 247.74	206.45
4.315	4.317	-0.002	259561 2500.00	2100	97.54- 146.30	121.92
4.593	4.595	-0.002	194982 2500.00	1800	73.27- 109.90	91.59
4.752	4.753	-0.001	385260 2500.00	2400	144.77- 217.16	180.96
Average of Peak Amounts =			2.27e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
6.232	6.233	-0.001	639362 2500.00	2200	80.00- 120.00	100.00(M)

Data File: of176818.d
 Report Date: 29-Aug-2011 13:12

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.555	6.560	-0.005	725830	2500.00	2300	90.82-	136.23	113.52	
7.160	7.163	-0.003	952069	2500.00	2500	119.13-	178.69	148.91	
7.340	7.343	-0.003	532781	2500.00	2200	66.66-	100.00	83.33	
7.445	7.450	-0.005	416514	2500.00	2200	52.12-	78.17	65.15	
7.960	7.963	-0.003	568564	2500.00	2500	71.14-	106.71	88.93	
9.240	9.245	-0.005	641144	2500.00	2500	80.22-	120.33	100.28	
9.950	9.953	-0.003	275456	2500.00	2400	34.47-	51.70	43.08	
Average of Peak Amounts =					2.37e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.473	10.475	-0.002	595169	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	or176813.d
Level 2	IC 460-84507/7	or176815.d
Level 3	IC 460-84507/8	or176816.d
Level 4	IC 460-84507/9	or176817.d
Level 5	IC 460-84507/10	or176818.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.317	2.318	2.317	2.317	2.317						2.247 - 2.387	2.317
PCB-1016 Peak 2	2.637	2.637	2.637	2.637	2.637						2.567 - 2.707	2.637
PCB-1016 Peak 3	2.827	2.827	2.827	2.827	2.827						2.757 - 2.897	2.827
PCB-1016 Peak 4	3.088	3.088	3.088	3.088	3.090						3.018 - 3.158	3.089
PCB-1016 Peak 5	3.233	3.233	3.233	3.233	3.233						3.163 - 3.303	3.233
PCB-1016 Peak 6	3.440	3.440	3.442	3.442	3.442						3.372 - 3.512	3.441
PCB-1016 Peak 7	3.668	3.668	3.668	3.668	3.668						3.598 - 3.738	3.668
PCB-1016 Peak 8	3.765	3.778	3.768	3.768	3.767						3.698 - 3.838	3.769
PCB-1260 Peak 1	5.082	5.080	5.080	5.080	5.080						5.010 - 5.150	5.080
PCB-1260 Peak 2	5.430	5.427	5.427	5.425	5.425						5.357 - 5.497	5.427
PCB-1260 Peak 3	5.783	5.778	5.777	5.775	5.773						5.707 - 5.847	5.777
PCB-1260 Peak 4	5.915	5.913	5.912	5.912	5.912						5.842 - 5.982	5.913
PCB-1260 Peak 5	6.238	6.235	6.237	6.235	6.233						6.167 - 6.307	6.236
PCB-1260 Peak 6	6.710	6.705	6.705	6.703	6.702						6.635 - 6.775	6.705
PCB-1260 Peak 7	7.332	7.330	7.332	7.330	7.330						7.262 - 7.402	7.331
PCB-1260 Peak 8	8.547	8.545	8.543	8.542	8.540						8.473 - 8.613	8.543
DCB Decachlorobiphenyl	9.338	9.337	9.337	9.335	9.335						9.237 - 9.437	9.336

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	or176813.d
Level 2	IC 460-84507/7	or176815.d
Level 3	IC 460-84507/8	or176816.d
Level 4	IC 460-84507/9	or176817.d
Level 5	IC 460-84507/10	or176818.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	90.780 73.608	87.708	77.907	77.178	Ave		81.4362800				9.1		20.0			
PCB-1016 Peak 2	177.52 128.06	162.57	143.43	138.05	Ave		149.925240				13.3		20.0			
PCB-1016 Peak 3	102.35 101.33	122.27	110.50	107.59	Ave		108.805853				7.7		20.0			
PCB-1016 Peak 4	299.84 281.80	313.57	298.62	294.05	Ave		297.576507				3.8		20.0			
PCB-1016 Peak 5	121.09 105.73	126.91	115.01	112.70	Ave		116.285907				7.0		20.0			
PCB-1016 Peak 6	150.21 121.29	149.41	140.13	132.94	Ave		138.796547				8.7		20.0			
PCB-1016 Peak 7	124.79 110.06	134.96	122.80	119.43	Ave		122.409547				7.4		20.0			
PCB-1016 Peak 8	49.090 44.196	58.146	50.305	53.322	Ave		51.0118800				10.1		20.0			
PCB-1260 Peak 1	213.75 157.49	194.77	187.85	173.25	Ave		185.422800				11.5		20.0			
PCB-1260 Peak 2	341.25 268.16	320.25	313.23	288.06	Ave		306.187640				9.3		20.0			
PCB-1260 Peak 3	267.57 251.02	278.34	282.20	265.97	Ave		269.018813				4.5		20.0			
PCB-1260 Peak 4	171.82 130.30	155.66	146.44	136.79	Ave		148.202013				11.0		20.0			
PCB-1260 Peak 5	131.95 125.31	149.38	139.16	119.63	Ave		133.084893				8.8		20.0			
PCB-1260 Peak 6	360.63 342.24	400.03	390.95	370.24	Ave		372.817187				6.2		20.0			
PCB-1260 Peak 7	157.39 130.27	172.42	153.08	149.49	Ave		152.529840				10.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	72.150 95.647	95.110	101.45	95.539	Ave		91.9790267				12.4		20.0			
DCB Decachlorobiphenyl	3775.4 3185.4	3795.2	3471.3	3361.0	Ave		3517.67000				7.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 09:29 Calibration End Date: 08/29/2011 10:51 Calibration ID: 12021

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/5	or176813.d
Level 2	IC 460-84507/7	or176815.d
Level 3	IC 460-84507/8	or176816.d
Level 4	IC 460-84507/9	or176817.d
Level 5	IC 460-84507/10	or176818.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	9078	43854	77907	115767	184021	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	17752	81285	143429	207069	320153	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	10235	61134	110495	161386	253314	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	29984	156785	298622	441071	704508	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	12109	63454	115007	169046	264318	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	15021	74706	140125	199412	303236	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	12479	67481	122804	179147	275151	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	4909	29073	50305	79983	110491	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	21375	97386	187854	259869	393730	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	34125	160123	313225	432087	670398	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	26757	139170	282197	398956	627541	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	17182	77829	146437	205189	325756	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	13195	74688	139155	179446	313282	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	36063	200015	390949	555356	855599	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	15739	86212	153084	224229	325663	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	7215	47555	101449	143309	239117	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	94385	189761	347127	504156	637084	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176813.d
Lab Smp Id: IC SG1660L1_00010
Inj Date : 29-AUG-2011 09:29
Operator : 615
Smp Info : IC SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.317	2.317	0.000	9078	100.000	110	80.00-	120.00	100.00(M)	
2.637	2.637	0.000	17752	100.000	120	156.43-	234.65	195.55	
2.827	2.827	0.000	10235	100.000	94	90.19-	135.29	112.75	
3.088	3.088	0.000	29984	100.000	100	264.22-	396.34	330.29	
3.233	3.233	0.000	12109	100.000	100	106.71-	160.06	133.39	
3.440	3.442	-0.002	15021	100.000	110	132.37-	198.55	165.47	
3.668	3.668	0.000	12479	100.000	100	109.97-	164.95	137.46	
3.765	3.768	-0.003	4909	100.000	96	43.26-	64.89	54.08	
Average of Peak Amounts =					104				

27 Aroclor-1260					CAS #: 11096-82-5				
5.082	5.080	0.002	21375	100.000	120	80.00-	120.00	100.00(M)	

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.430	5.427	0.003	34125	100.000	110	127.72-	191.58	159.65	
5.783	5.777	0.006	26757	100.000	99	100.14-	150.21	125.18	
5.915	5.912	0.003	17182	100.000	120	64.31-	96.46	80.38	
6.238	6.237	0.001	13195	100.000	99	49.38-	74.08	61.73	
6.710	6.705	0.005	36063	100.000	97	134.97-	202.46	168.72	
7.332	7.332	0.000	15739	100.000	100	58.91-	88.36	73.63	
8.547	8.543	0.004	7215	100.000	78	27.00-	40.51	33.75	
Average of Peak Amounts =					102				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.338	9.337	0.001	94385	25.0000	27	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or176813.d

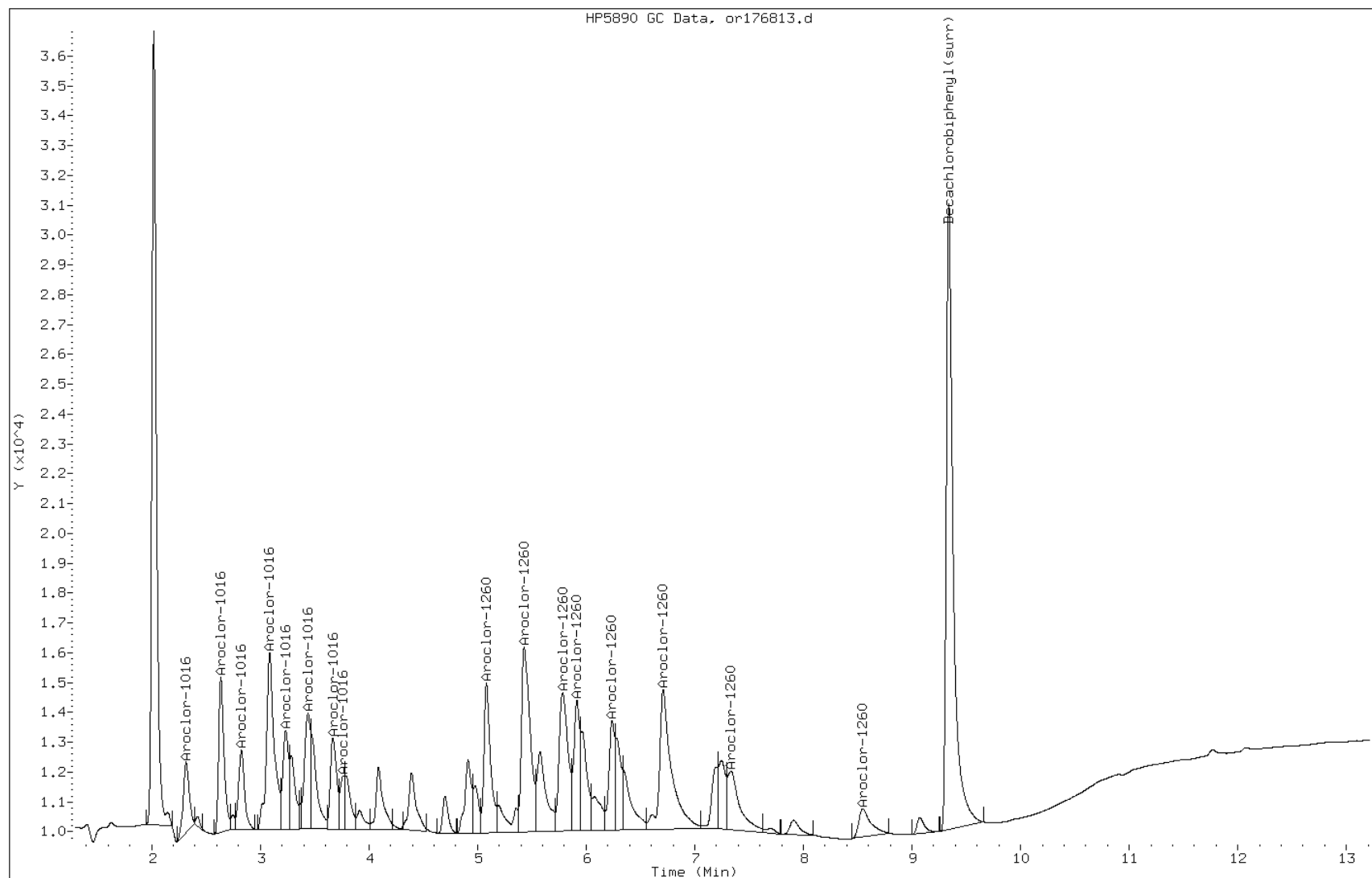
Date: 29-AUG-2011 09:29

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L1_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176815.d
Lab Smp Id: IC SG1660L2_00010
Inj Date : 29-AUG-2011 10:01
Operator : 615
Smp Info : IC SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.318	2.317	0.001	43854	500.000	540	80.00-	120.00	100.00(M)	
2.637	2.637	0.000	81285	500.000	540	156.43-	234.65	185.35	
2.827	2.827	0.000	61134	500.000	560	90.19-	135.29	139.40	
3.088	3.088	0.000	156785	500.000	530	264.22-	396.34	357.52	
3.233	3.233	0.000	63454	500.000	540	106.71-	160.06	144.69	
3.440	3.442	-0.002	74706	500.000	540	132.37-	198.55	170.35	
3.668	3.668	0.000	67481	500.000	550	109.97-	164.95	153.88	
3.778	3.768	0.010	29073	500.000	570	43.26-	64.89	66.29	
Average of Peak Amounts =					547				

27 Aroclor-1260					CAS #: 11096-82-5				
5.080	5.080	0.000	97386	500.000	520	80.00-	120.00	100.00(M)	

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.427	5.427	0.000	160123	500.000	520	127.72-	191.58	164.42	
5.778	5.777	0.001	139170	500.000	520	100.14-	150.21	142.91	
5.913	5.912	0.001	77829	500.000	520	64.31-	96.46	79.92	
6.235	6.237	-0.002	74688	500.000	560	49.38-	74.08	76.69	
6.705	6.705	0.000	200015	500.000	540	134.97-	202.46	205.38	
7.330	7.332	-0.002	86212	500.000	560	58.91-	88.36	88.53	
8.545	8.543	0.002	47555	500.000	520	27.00-	40.51	48.83	
Average of Peak Amounts =					534				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.337	9.337	0.000	189761	50.0000	54	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or176815.d

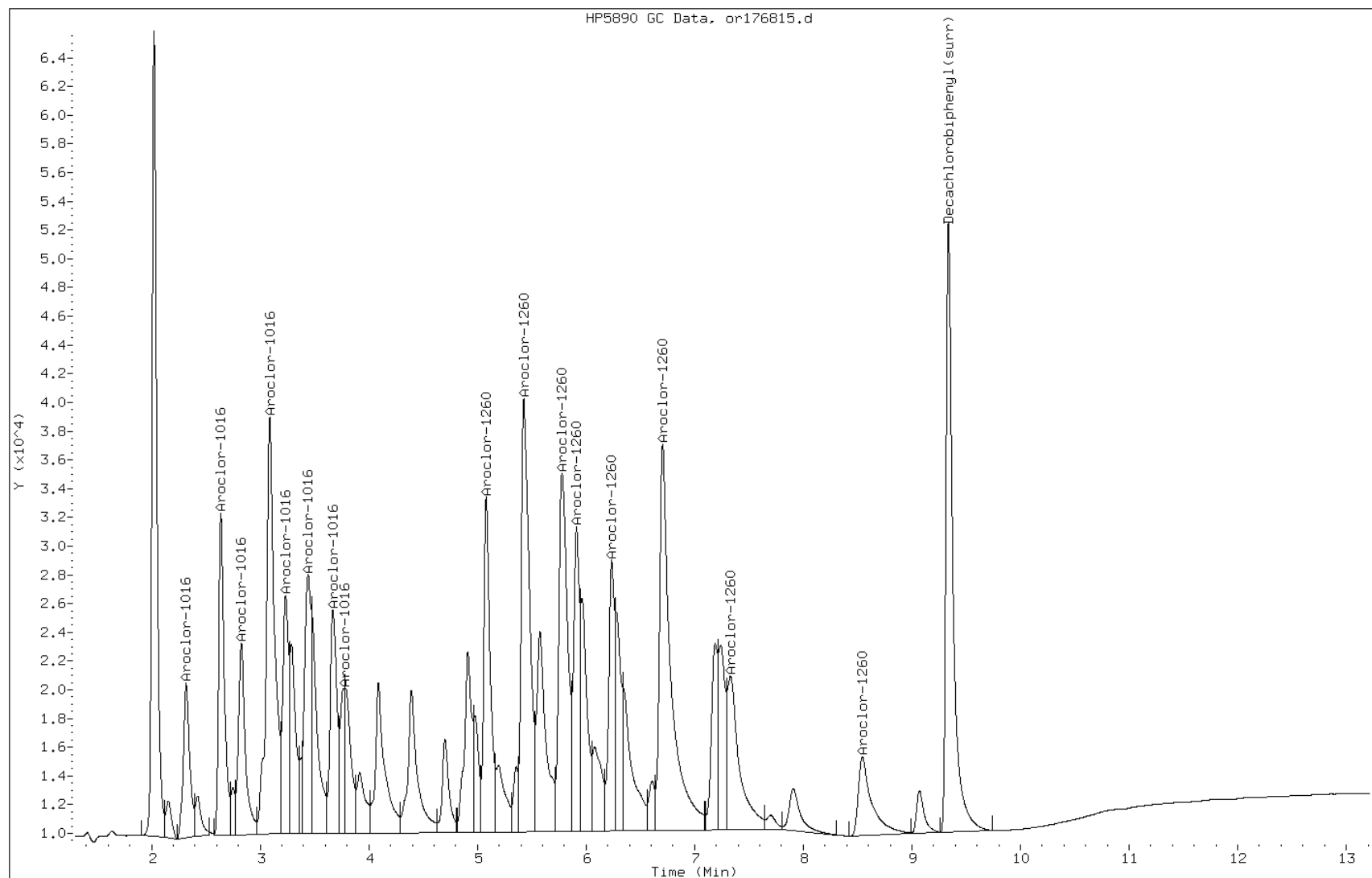
Date: 29-AUG-2011 10:01

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L2_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176816.d
Lab Smp Id: IC SG1660L3_00013
Inj Date : 29-AUG-2011 10:18
Operator : 615
Smp Info : IC SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.317	2.317	0.000	77907 1000.00	960 80.00-	120.00	100.00(M)
2.637	2.637	0.000	143429 1000.00	960 156.43-	234.65	184.10
2.827	2.827	0.000	110495 1000.00	1000 90.19-	135.29	141.83
3.088	3.088	0.000	298622 1000.00	1000 264.22-	396.34	383.31
3.233	3.233	0.000	115007 1000.00	990 106.71-	160.06	147.62
3.442	3.442	0.000	140125 1000.00	1000 132.37-	198.55	179.86
3.668	3.668	0.000	122804 1000.00	1000 109.97-	164.95	157.63
3.768	3.768	0.000	50305 1000.00	990 43.26-	64.89	64.57
Average of Peak Amounts =				990		
27 Aroclor-1260				CAS #: 11096-82-5		
5.080	5.080	0.000	187854 1000.00	1000 80.00-	120.00	100.00(M)

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.427	5.427	0.000	313225	1000.00	1000	127.72-	191.58	166.74	
5.777	5.777	0.000	282197	1000.00	1000	100.14-	150.21	150.22	
5.912	5.912	0.000	146437	1000.00	990	64.31-	96.46	77.95	
6.237	6.237	0.000	139155	1000.00	1000	49.38-	74.08	74.08	
6.705	6.705	0.000	390949	1000.00	1000	134.97-	202.46	208.11	
7.332	7.332	0.000	153084	1000.00	1000	58.91-	88.36	81.49	
8.543	8.543	0.000	101449	1000.00	1100	27.00-	40.51	54.00	
Average of Peak Amounts =					1.03e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.337	9.337	0.000	347127	100.000	99	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or176816.d

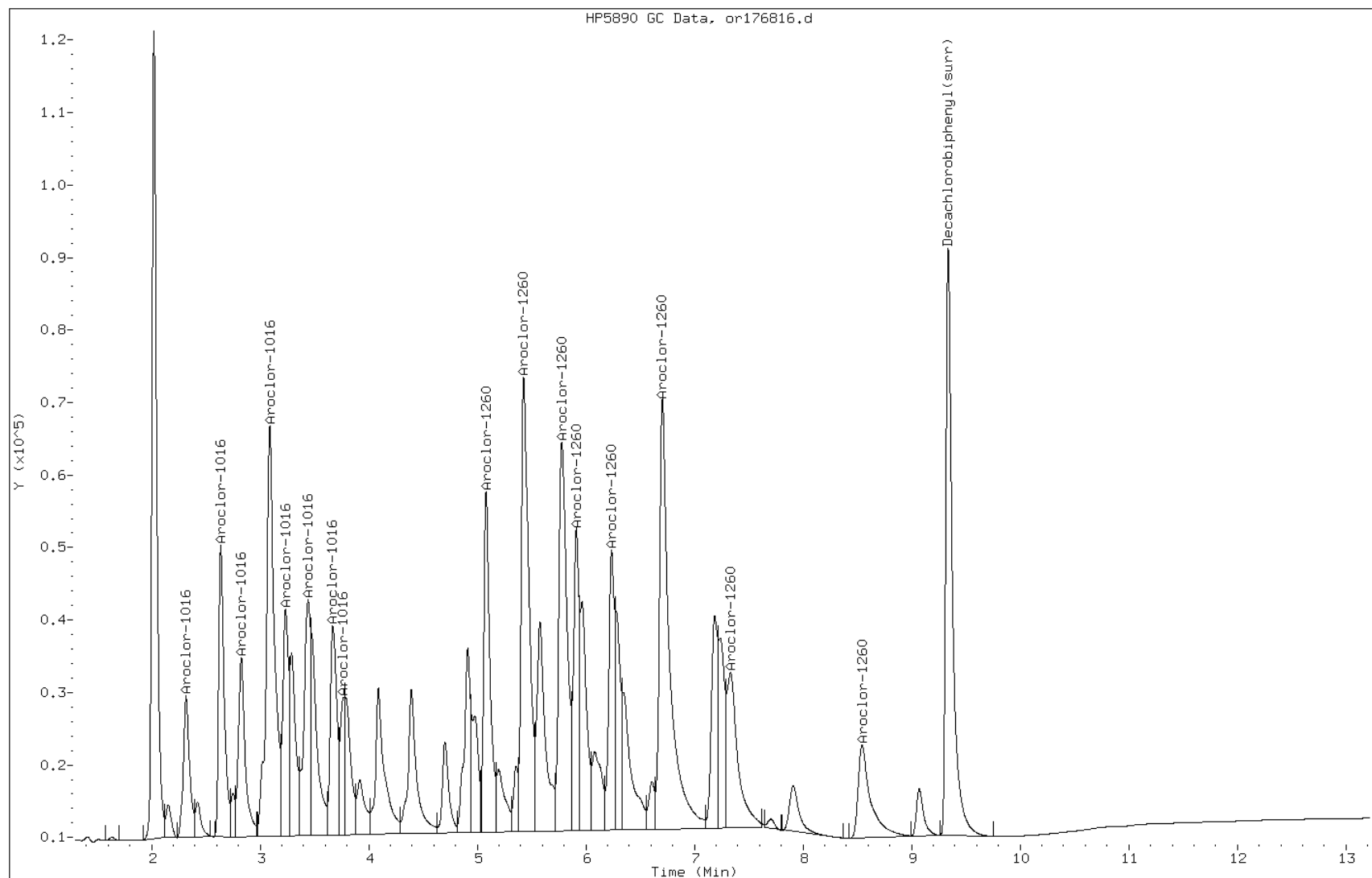
Date: 29-AUG-2011 10:18

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L3_00013

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176817.d
Lab Smp Id: IC SG1660L4_00010
Inj Date : 29-AUG-2011 10:34
Operator : 615
Smp Info : IC SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.317	2.317	0.000	115767	1500.00	1400	80.00-	120.00	100.00(M)	
2.637	2.637	0.000	207069	1500.00	1400	156.43-	234.65	178.87	
2.827	2.827	0.000	161386	1500.00	1500	90.19-	135.29	139.41	
3.088	3.088	0.000	441071	1500.00	1500	264.22-	396.34	381.00	
3.233	3.233	0.000	169046	1500.00	1400	106.71-	160.06	146.02	
3.442	3.442	0.000	199412	1500.00	1400	132.37-	198.55	172.25	
3.668	3.668	0.000	179147	1500.00	1500	109.97-	164.95	154.75	
3.768	3.768	0.000	79983	1500.00	1600	43.26-	64.89	69.09	
Average of Peak Amounts =					1.46e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
5.080	5.080	0.000	259869	1500.00	1400	80.00-	120.00	100.00(M)	

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.425	5.427	-0.002	432087	1500.00	1400	127.72-	191.58	166.27	
5.775	5.777	-0.002	398956	1500.00	1500	100.14-	150.21	153.52	
5.912	5.912	0.000	205189	1500.00	1400	64.31-	96.46	78.96	
6.235	6.237	-0.002	179446	1500.00	1300	49.38-	74.08	69.05	
6.703	6.705	-0.002	555356	1500.00	1500	134.97-	202.46	213.71	
7.330	7.332	-0.002	224229	1500.00	1500	58.91-	88.36	86.29	
8.542	8.543	-0.001	143309	1500.00	1600	27.00-	40.51	55.15	
Average of Peak Amounts =					1.44e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.335	9.337	-0.002	504156	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or176817.d

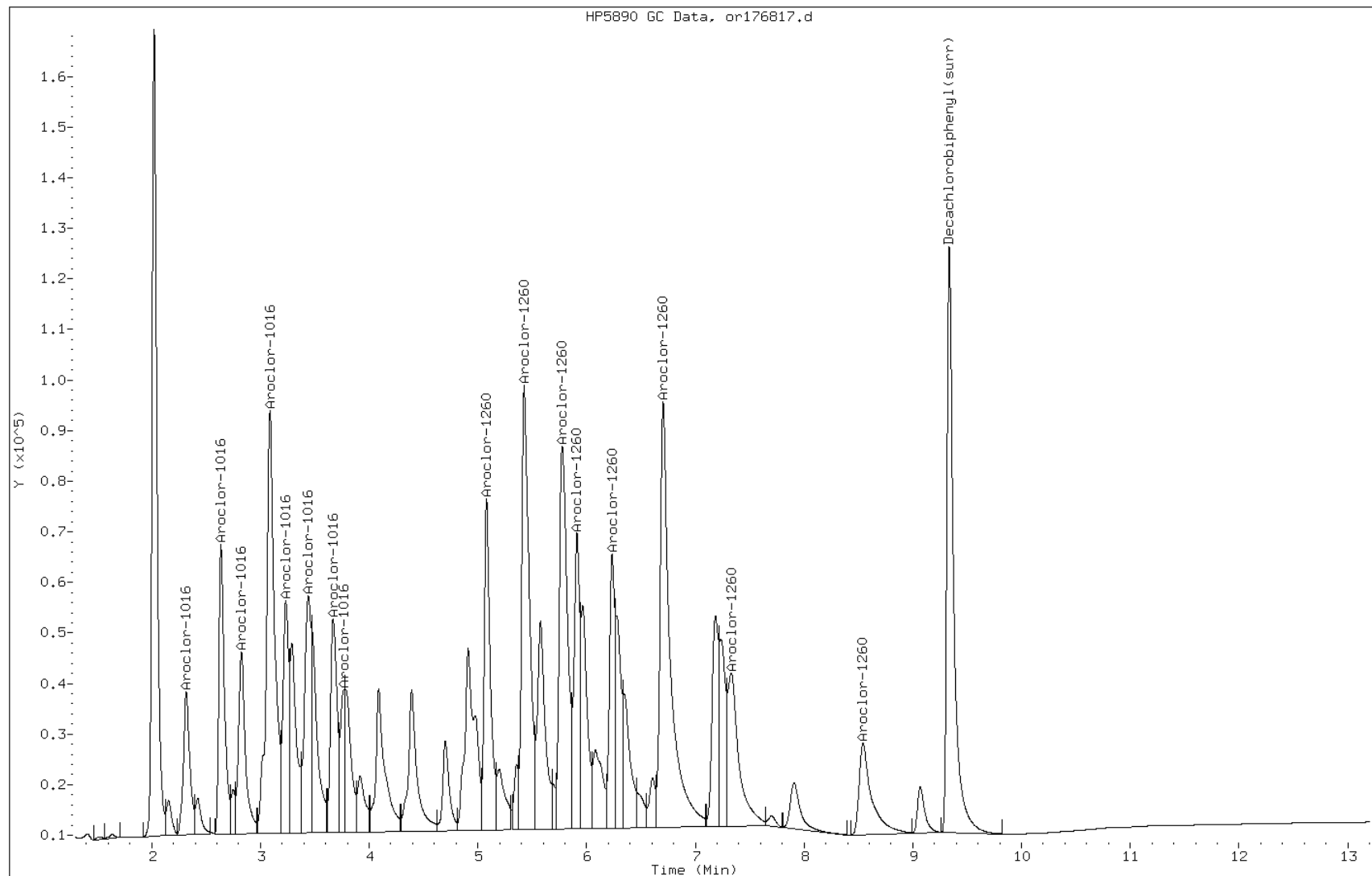
Date: 29-AUG-2011 10:34

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176818.d
Lab Smp Id: IC SG1660L5_00010
Inj Date : 29-AUG-2011 10:51
Operator : 615
Smp Info : IC SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	CAL - AMT		ON - COL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE	(ug/L)	(ug/L)		=====		=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.317	2.317	0.000	184021	2500.00	2200	80.00-	120.00	100.00(M)	
2.637	2.637	0.000	320153	2500.00	2100	156.43-	234.65	173.98	
2.827	2.827	0.000	253314	2500.00	2300	90.19-	135.29	137.65	
3.090	3.088	0.002	704508	2500.00	2400	264.22-	396.34	382.84	
3.233	3.233	0.000	264318	2500.00	2300	106.71-	160.06	143.63	
3.442	3.442	0.000	303236	2500.00	2200	132.37-	198.55	164.78	
3.668	3.668	0.000	275151	2500.00	2200	109.97-	164.95	149.52	
3.767	3.768	-0.001	110491	2500.00	2200	43.26-	64.89	60.04	
Average of Peak Amounts =					2.25e+03				
27 Aroclor-1260					CAS #: 11096-82-5				
5.080	5.080	0.000	393730	2500.00	2100	80.00-	120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.425	5.427	-0.002	670398	2500.00	2200	127.72-	191.58	170.27	
5.773	5.777	-0.004	627541	2500.00	2300	100.14-	150.21	159.38	
5.912	5.912	0.000	325756	2500.00	2200	64.31-	96.46	82.74	
6.233	6.237	-0.004	313282	2500.00	2400	49.38-	74.08	79.57	
6.702	6.705	-0.003	855599	2500.00	2300	134.97-	202.46	217.31	
7.330	7.332	-0.002	325663	2500.00	2100	58.91-	88.36	82.71	
8.540	8.543	-0.003	239117	2500.00	2600	27.00-	40.51	60.73	
Average of Peak Amounts =					2.28e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.335	9.337	-0.002	637084	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or176818.d

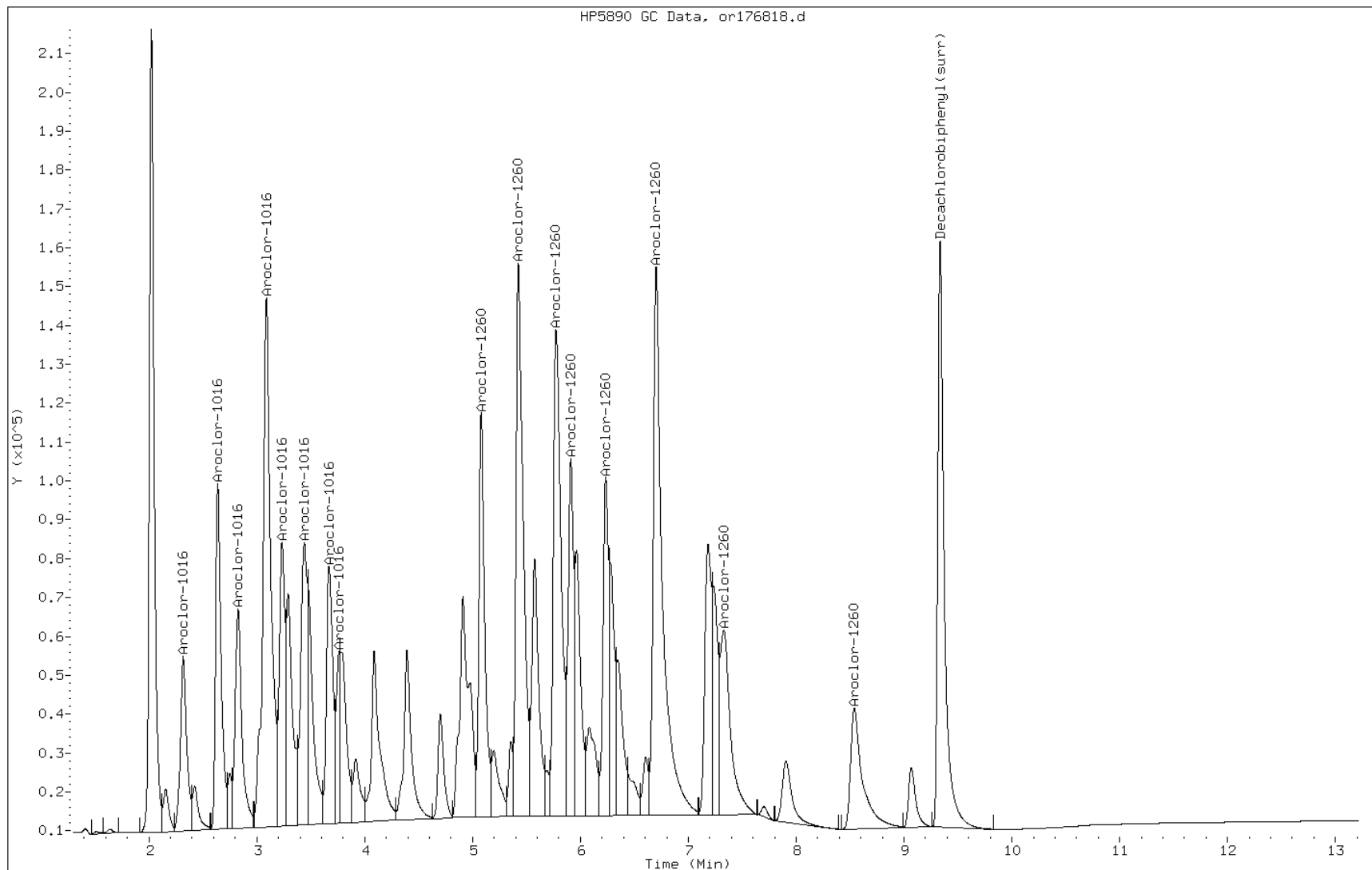
Date: 29-AUG-2011 10:51

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1660L5_00010

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	of176819.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.957										1.887 - 2.027	1.957
PCB-1221 Peak 2	2.290										2.220 - 2.360	2.290
PCB-1221 Peak 3	2.668										2.598 - 2.738	2.668
PCB-1221 Peak 4	2.882										2.812 - 2.952	2.882
PCB-1221 Peak 5	3.332										3.262 - 3.402	3.332
PCB-1221 Peak 6	3.395										3.325 - 3.465	3.395
PCB-1221 Peak 7	3.863										3.793 - 3.933	3.863
PCB-1221 Peak 8	4.027										3.957 - 4.097	4.027

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	of176819.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	48.464				Ave		48.4640000						20.0			
PCB-1221 Peak 2	8.3890				Ave		8.38900000						20.0			
PCB-1221 Peak 3	55.032				Ave		55.0320000						20.0			
PCB-1221 Peak 4	122.91				Ave		122.909000						20.0			
PCB-1221 Peak 5	18.228				Ave		18.2280000						20.0			
PCB-1221 Peak 6	10.358				Ave		10.3580000						20.0			
PCB-1221 Peak 7	13.076				Ave		13.0760000						20.0			
PCB-1221 Peak 8	4.9360				Ave		4.93600000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	of176819.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	48464					1000				
PCB-1221 Peak 2	Ave	8389					1000				
PCB-1221 Peak 3	Ave	55032					1000				
PCB-1221 Peak 4	Ave	122909					1000				
PCB-1221 Peak 5	Ave	18228					1000				
PCB-1221 Peak 6	Ave	10358					1000				
PCB-1221 Peak 7	Ave	13076					1000				
PCB-1221 Peak 8	Ave	4936					1000				

Curve Type Legend:

Ave = Average

Data File: of176819.d
Report Date: 29-Aug-2011 13:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176819.d
Lab Smp Id: IC SG1221L3_00012
Inj Date : 29-AUG-2011 11:08
Operator : 615
Smp Info : IC SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:12 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12210.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
		CAL - AMT	ON - COL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
22 Aroclor-1221			CAS #: 11104-28-2						
1.957	1.957	0.000	48464	1000.00	1000	80.00-	120.00	100.00(M)	
2.290	2.290	0.000	8389	1000.00	1000	13.85-	20.77	17.31	
2.668	2.668	0.000	55032	1000.00	1000	90.84-	136.26	113.55	
2.882	2.882	0.000	122909	1000.00	1000	202.89-	304.33	253.61	
3.332	3.332	0.000	18228	1000.00	1000	30.09-	45.13	37.61	
3.395	3.395	0.000	10358	1000.00	1000	17.10-	25.65	21.37	
3.863	3.863	0.000	13076	1000.00	1000	21.58-	32.38	26.98	
4.027	4.027	0.000	4936	1000.00	1000	8.15-	12.22	10.18	
Average of Peak Amounts =			1e+03						

Data File: of176819.d
Report Date: 29-Aug-2011 13:12

QC Flag Legend

M - Compound response manually integrated.

Data File: of176819.d

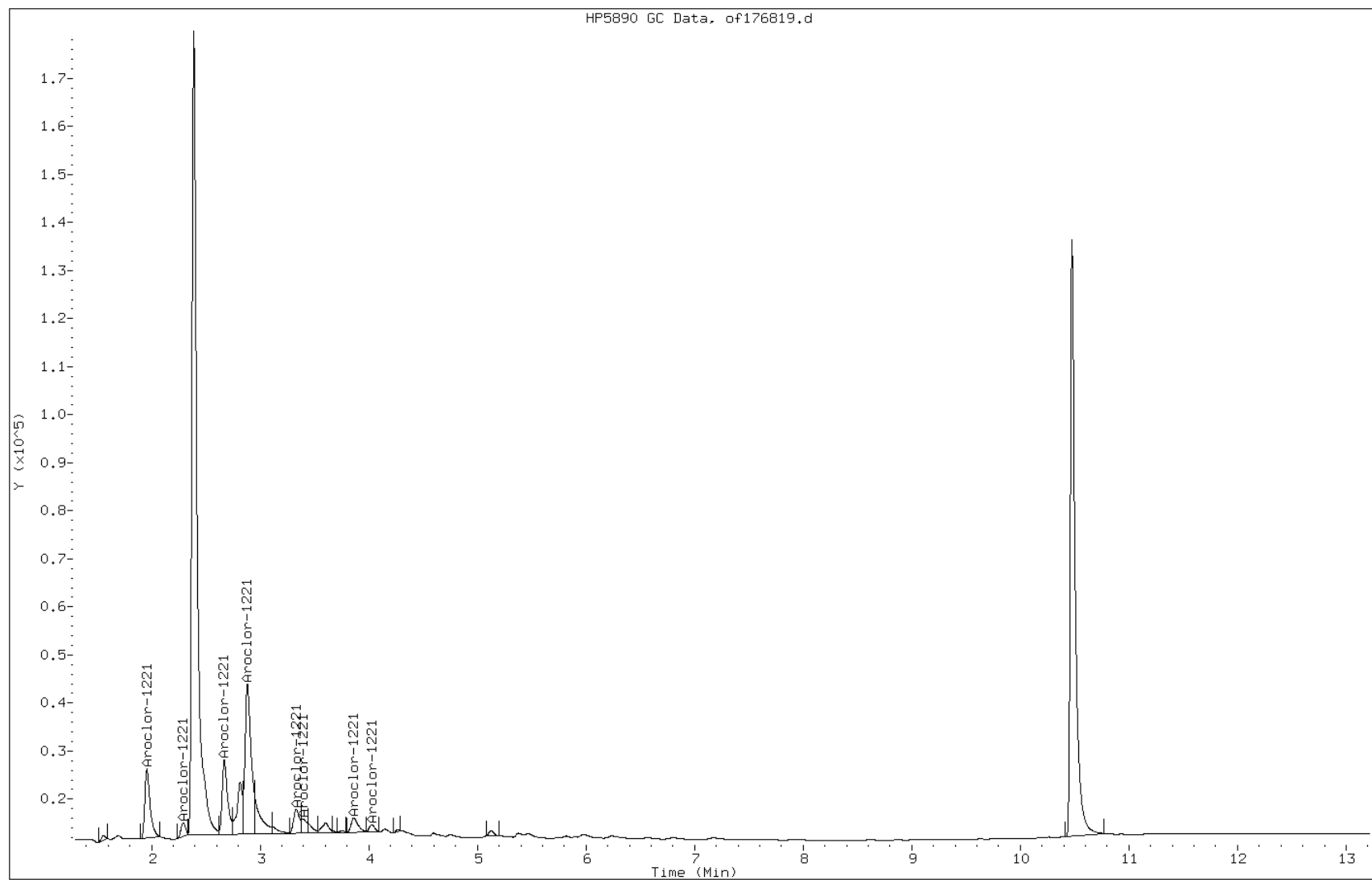
Date: 29-AUG-2011 11:08

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12022

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	or176819.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.638										1.568 - 1.708	1.638
PCB-1221 Peak 2	1.917										1.847 - 1.987	1.917
PCB-1221 Peak 3	2.157										2.087 - 2.227	2.157
PCB-1221 Peak 4	2.317										2.247 - 2.387	2.317
PCB-1221 Peak 5	2.640										2.570 - 2.710	2.640
PCB-1221 Peak 6	2.762										2.692 - 2.832	2.762
PCB-1221 Peak 7	2.823										2.753 - 2.893	2.823
PCB-1221 Peak 8	3.090										3.020 - 3.160	3.090

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12022

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	or176819.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	39.313				Ave		39.3130000						20.0			
PCB-1221 Peak 2	9.7940				Ave		9.79400000						20.0			
PCB-1221 Peak 3	48.763				Ave		48.7630000						20.0			
PCB-1221 Peak 4	144.20				Ave		144.196000						20.0			
PCB-1221 Peak 5	12.009				Ave		12.0090000						20.0			
PCB-1221 Peak 6	12.272				Ave		12.2720000						20.0			
PCB-1221 Peak 7	11.491				Ave		11.4910000						20.0			
PCB-1221 Peak 8	16.923				Ave		16.9230000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:08 Calibration End Date: 08/29/2011 11:08 Calibration ID: 12022

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/11	or176819.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	39313					1000				
PCB-1221 Peak 2	Ave	9794					1000				
PCB-1221 Peak 3	Ave	48763					1000				
PCB-1221 Peak 4	Ave	144196					1000				
PCB-1221 Peak 5	Ave	12009					1000				
PCB-1221 Peak 6	Ave	12272					1000				
PCB-1221 Peak 7	Ave	11491					1000				
PCB-1221 Peak 8	Ave	16923					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176819.d
Lab Smp Id: IC SG1221L3_00012
Inj Date : 29-AUG-2011 11:08
Operator : 615
Smp Info : IC SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12210.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
		CAL - AMT		ON - COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
22 Aroclor-1221					CAS #: 11104-28-2				
1.638	1.638	0.000	39313	1000.00	1000	80.00-	120.00	100.00(M)	
1.917	1.917	0.000	9794	1000.00	1000	19.93-	29.90	24.91	
2.157	2.157	0.000	48763	1000.00	1000	99.23-	148.85	124.04	
2.317	2.317	0.000	144196	1000.00	1000	293.43-	440.15	366.79	
2.640	2.640	0.000	12009	1000.00	1000	24.44-	36.66	30.55	
2.762	2.762	0.000	12272	1000.00	1000	24.97-	37.46	31.22	
2.823	2.823	0.000	11491	1000.00	1000	23.38-	35.08	29.23	
3.090	3.090	0.000	16923	1000.00	1000	34.44-	51.66	43.05	
Average of Peak Amounts =					1e+03				

Data File: or176819.d
Report Date: 29-Aug-2011 13:12

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or176819.d

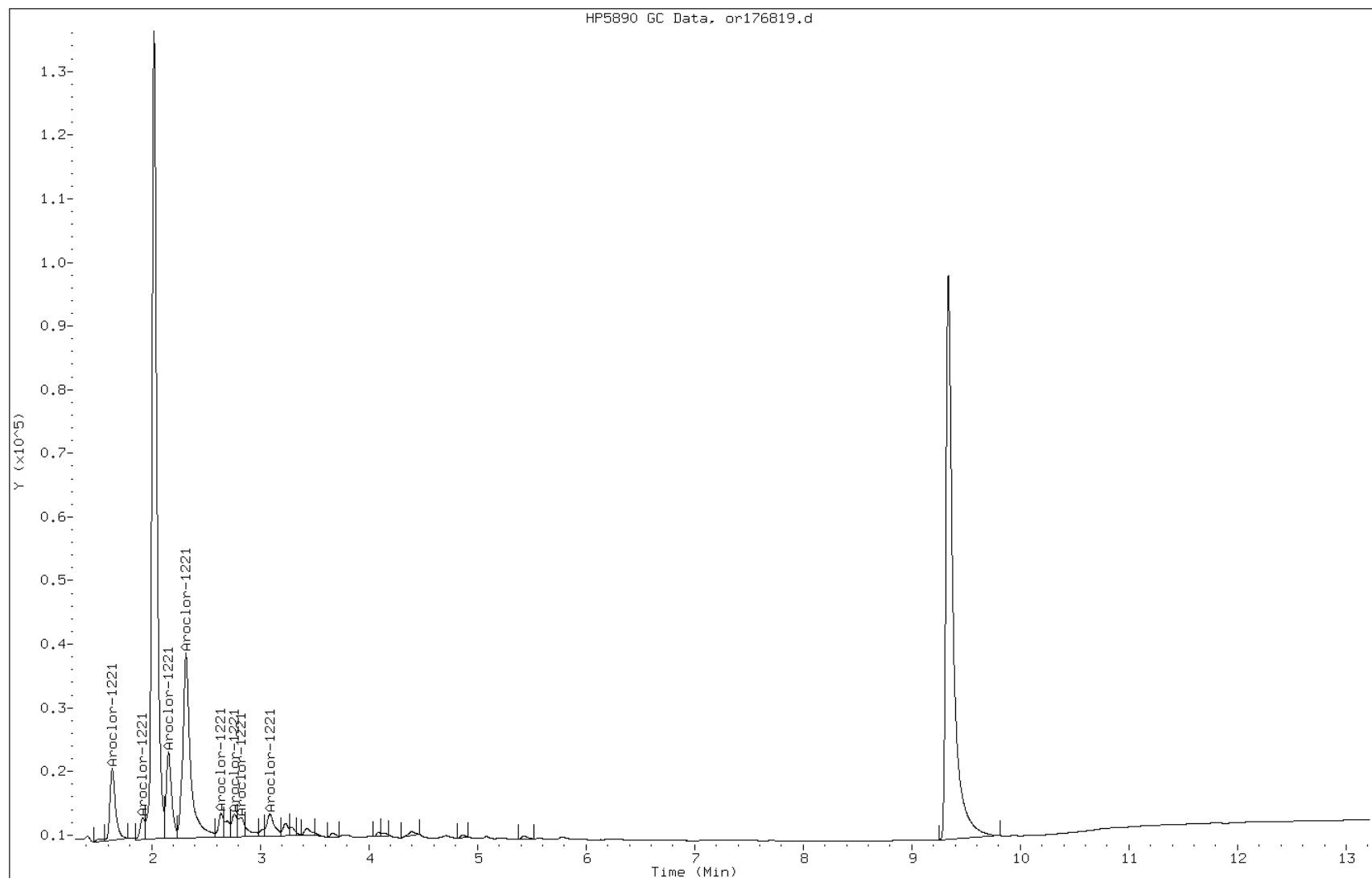
Date: 29-AUG-2011 11:08

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	of176820.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.885										2.815 - 2.955	2.885
PCB-1232 Peak 2	3.333										3.263 - 3.403	3.333
PCB-1232 Peak 3	3.605										3.535 - 3.675	3.605
PCB-1232 Peak 4	4.023										3.953 - 4.093	4.023
PCB-1232 Peak 5	4.173										4.103 - 4.243	4.173
PCB-1232 Peak 6	4.318										4.248 - 4.388	4.318
PCB-1232 Peak 7	4.597										4.527 - 4.667	4.597
PCB-1232 Peak 8	4.755										4.685 - 4.825	4.755

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	of176820.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	88.218				Ave		88.2180000						20.0			
PCB-1232 Peak 2	94.472				Ave		94.4720000						20.0			
PCB-1232 Peak 3	46.986				Ave		46.9860000						20.0			
PCB-1232 Peak 4	77.567				Ave		77.5670000						20.0			
PCB-1232 Peak 5	56.935				Ave		56.9350000						20.0			
PCB-1232 Peak 6	52.698				Ave		52.6980000						20.0			
PCB-1232 Peak 7	52.634				Ave		52.6340000						20.0			
PCB-1232 Peak 8	69.272				Ave		69.2720000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	of176820.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	88218					1000				
PCB-1232 Peak 2	Ave	94472					1000				
PCB-1232 Peak 3	Ave	46986					1000				
PCB-1232 Peak 4	Ave	77567					1000				
PCB-1232 Peak 5	Ave	56935					1000				
PCB-1232 Peak 6	Ave	52698					1000				
PCB-1232 Peak 7	Ave	52634					1000				
PCB-1232 Peak 8	Ave	69272					1000				

Curve Type Legend:

Ave = Average

Data File: of176820.d
Report Date: 29-Aug-2011 13:12

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176820.d
Lab Smp Id: IC SG1232L3_00011
Inj Date : 29-AUG-2011 11:24
Operator : 615
Smp Info : IC SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:12 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12320.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
23 Aroclor-1232			CAS #: 11141-16-5						
2.885	2.885	0.000	88218 1000.00	1000	80.00- 120.00	100.00(M)			
3.333	3.333	0.000	94472 1000.00	1000	85.67- 128.51	107.09			
3.605	3.605	0.000	46986 1000.00	1000	42.61- 63.91	53.26			
4.023	4.023	0.000	77567 1000.00	1000	70.34- 105.51	87.93			
4.173	4.173	0.000	56935 1000.00	1000	51.63- 77.45	64.54			
4.318	4.318	0.000	52698 1000.00	1000	47.79- 71.68	59.74			
4.597	4.597	0.000	52634 1000.00	1000	47.73- 71.60	59.66			
4.755	4.755	0.000	69272 1000.00	1000	62.82- 94.23	78.52			
Average of Peak Amounts =			1e+03						

Data File: of176820.d
Report Date: 29-Aug-2011 13:12

QC Flag Legend

M - Compound response manually integrated.

Data File: of176820.d

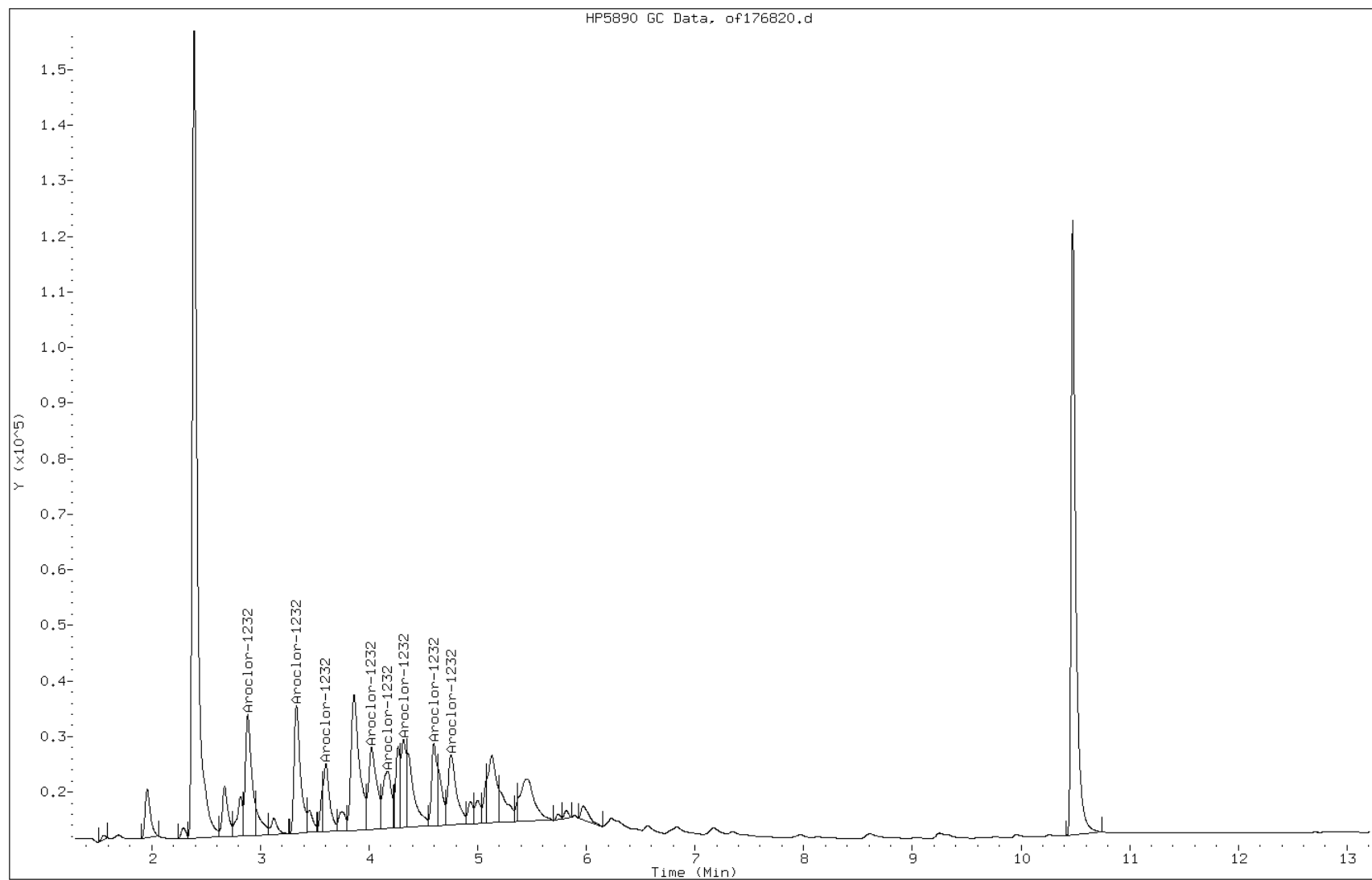
Date: 29-AUG-2011 11:24

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1232L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12023

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	or176820.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.318										2.248 - 2.388	2.318
PCB-1232 Peak 2	2.638										2.568 - 2.708	2.638
PCB-1232 Peak 3	2.828										2.758 - 2.898	2.828
PCB-1232 Peak 4	3.090										3.020 - 3.160	3.090
PCB-1232 Peak 5	3.237										3.167 - 3.307	3.237
PCB-1232 Peak 6	3.290										3.220 - 3.360	3.290
PCB-1232 Peak 7	3.670										3.600 - 3.740	3.670
PCB-1232 Peak 8	4.087										4.017 - 4.157	4.087

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12023

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	or176820.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	83.384				Ave		83.3840000						20.0			
PCB-1232 Peak 2	69.853				Ave		69.8530000						20.0			
PCB-1232 Peak 3	52.910				Ave		52.9100000						20.0			
PCB-1232 Peak 4	120.96				Ave		120.961000						20.0			
PCB-1232 Peak 5	47.102				Ave		47.1020000						20.0			
PCB-1232 Peak 6	44.302				Ave		44.3020000						20.0			
PCB-1232 Peak 7	57.835				Ave		57.8350000						20.0			
PCB-1232 Peak 8	14.446				Ave		14.4460000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:24 Calibration End Date: 08/29/2011 11:24 Calibration ID: 12023

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/12	or176820.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	83384					1000				
PCB-1232 Peak 2	Ave	69853					1000				
PCB-1232 Peak 3	Ave	52910					1000				
PCB-1232 Peak 4	Ave	120961					1000				
PCB-1232 Peak 5	Ave	47102					1000				
PCB-1232 Peak 6	Ave	44302					1000				
PCB-1232 Peak 7	Ave	57835					1000				
PCB-1232 Peak 8	Ave	14446					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176820.d
Lab Smp Id: IC SG1232L3_00011
Inj Date : 29-AUG-2011 11:24
Operator : 615
Smp Info : IC SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12320.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS							
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	TARGET RANGE	RATIO
			RESPONSE	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
23 Aroclor-1232			CAS #: 11141-16-5				
2.318	2.318	0.000	83384	1000.00	1000	80.00- 120.00	100.00(M)
2.638	2.638	0.000	69853	1000.00	1000	67.02- 100.53	83.77
2.828	2.828	0.000	52910	1000.00	1000	50.76- 76.14	63.45
3.090	3.090	0.000	120961	1000.00	1000	116.05- 174.08	145.07
3.237	3.237	0.000	47102	1000.00	1000	45.19- 67.79	56.49
3.290	3.290	0.000	44302	1000.00	1000	42.50- 63.76	53.13
3.670	3.670	0.000	57835	1000.00	1000	55.49- 83.23	69.36
4.087	4.087	0.000	14446	1000.00	1000	13.86- 20.79	17.32
Average of Peak Amounts =			1e+03				

Data File: or176820.d
Report Date: 29-Aug-2011 13:12

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or176820.d

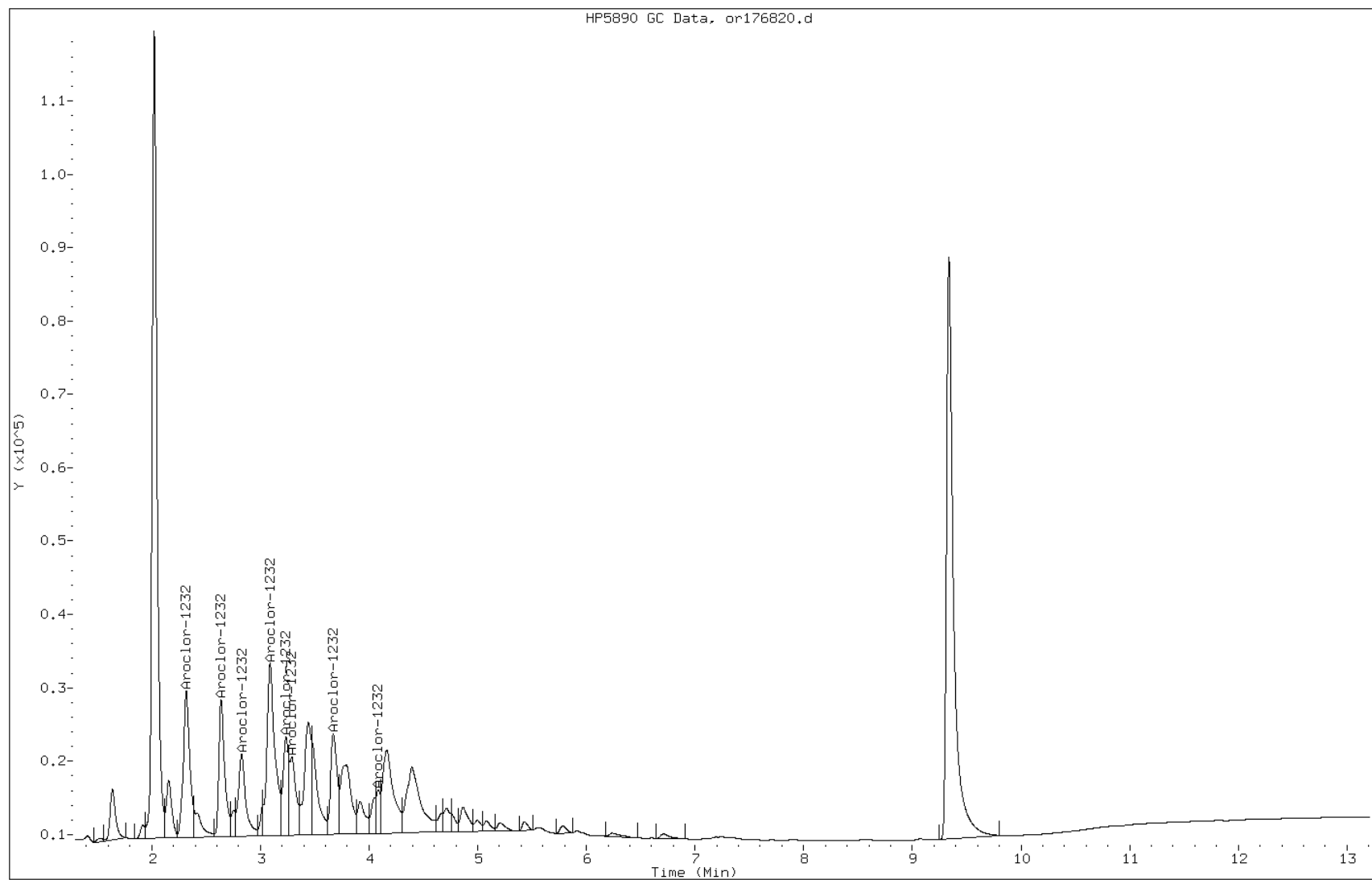
Date: 29-AUG-2011 11:24

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1232L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12032

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	of176821.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.882										2.812 - 2.952	2.882
PCB-1242 Peak 2	3.330										3.260 - 3.400	3.330
PCB-1242 Peak 3	3.600										3.530 - 3.670	3.600
PCB-1242 Peak 4	3.858										3.788 - 3.928	3.858
PCB-1242 Peak 5	4.020										3.950 - 4.090	4.020
PCB-1242 Peak 6	4.315										4.245 - 4.385	4.315
PCB-1242 Peak 7	4.752										4.682 - 4.822	4.752
PCB-1242 Peak 8	5.130										5.060 - 5.200	5.130

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12032

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	of176821.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	92.757				Ave		92.7570000						20.0			
PCB-1242 Peak 2	170.49				Ave		170.4890000						20.0			
PCB-1242 Peak 3	122.88				Ave		122.8790000						20.0			
PCB-1242 Peak 4	273.78				Ave		273.7830000						20.0			
PCB-1242 Peak 5	163.67				Ave		163.6670000						20.0			
PCB-1242 Peak 6	95.819				Ave		95.8190000						20.0			
PCB-1242 Peak 7	163.98				Ave		163.9760000						20.0			
PCB-1242 Peak 8	130.42				Ave		130.4230000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12032

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	of176821.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	92757					1000				
PCB-1242 Peak 2	Ave	170489					1000				
PCB-1242 Peak 3	Ave	122879					1000				
PCB-1242 Peak 4	Ave	273783					1000				
PCB-1242 Peak 5	Ave	163667					1000				
PCB-1242 Peak 6	Ave	95819					1000				
PCB-1242 Peak 7	Ave	163976					1000				
PCB-1242 Peak 8	Ave	130423					1000				

Curve Type Legend:

Ave = Average

Data File: of176821.d
Report Date: 29-Aug-2011 13:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176821.d
Lab Smp Id: IC SG1242L3_00011
Inj Date : 29-AUG-2011 11:41
Operator : 615
Smp Info : IC SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:12 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12420.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
24 Aroclor-1242				CAS #: 53469-21-9		
2.882	2.882	0.000	92757 1000.00	1000 80.00-	120.00	100.00(M)
3.330	3.330	0.000	170489 1000.00	1000 147.04-	220.56	183.80
3.600	3.600	0.000	122879 1000.00	1000 105.98-	158.97	132.47
3.858	3.858	0.000	273783 1000.00	1000 236.13-	354.19	295.16
4.020	4.020	0.000	163667 1000.00	1000 141.16-	211.74	176.45
4.315	4.315	0.000	95819 1000.00	1000 82.64-	123.96	103.30
4.752	4.752	0.000	163976 1000.00	1000 141.42-	212.14	176.78
5.130	5.130	0.000	130423 1000.00	1000 112.49-	168.73	140.61
Average of Peak Amounts =				1e+03		

Data File: of176821.d
Report Date: 29-Aug-2011 13:13

QC Flag Legend

M - Compound response manually integrated.

Data File: of176821.d

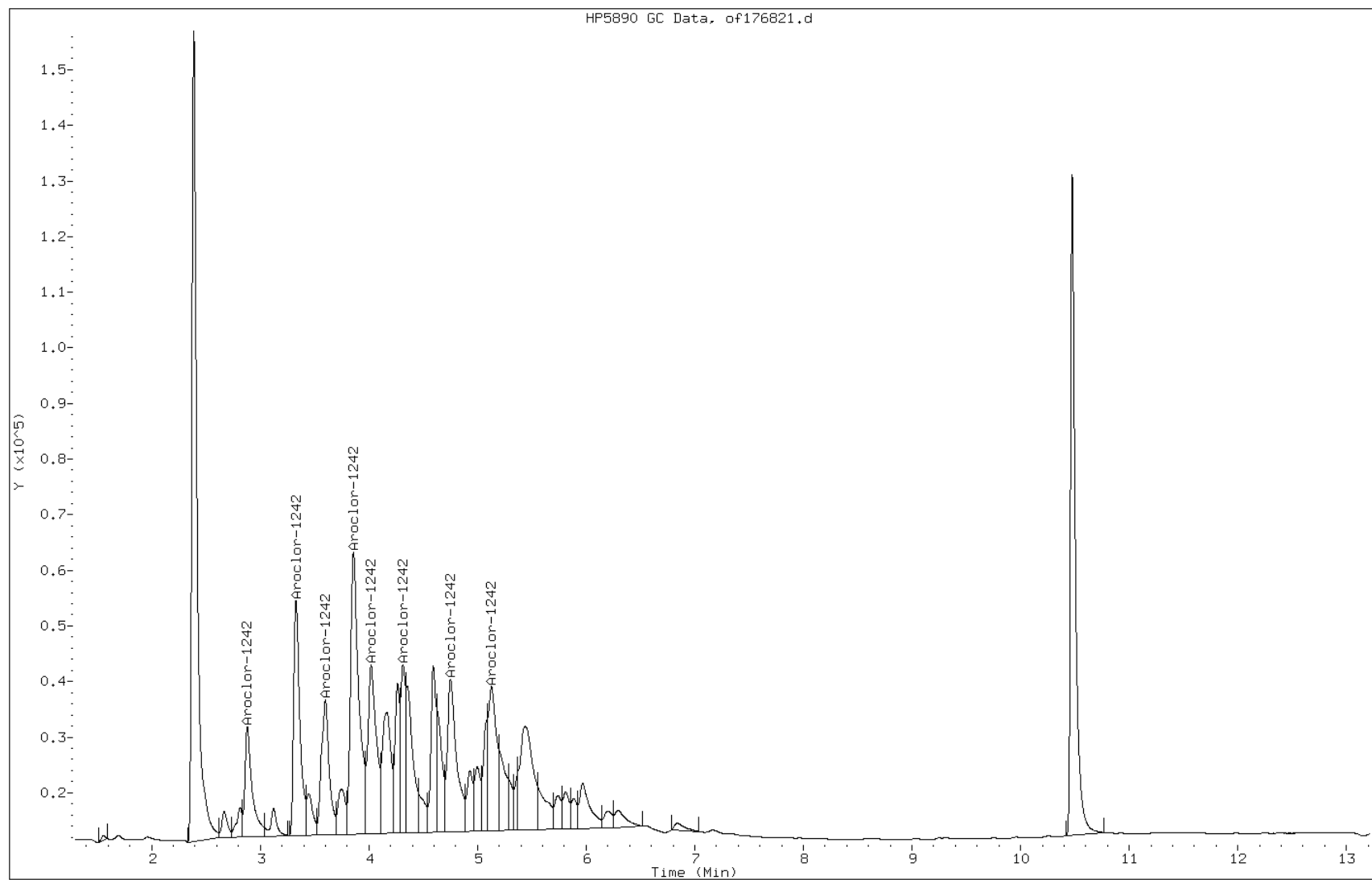
Date: 29-AUG-2011 11:41

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1242L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	or176821.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.318										2.248 - 2.388	2.318
PCB-1242 Peak 2	2.638										2.568 - 2.708	2.638
PCB-1242 Peak 3	2.828										2.758 - 2.898	2.828
PCB-1242 Peak 4	3.090										3.020 - 3.160	3.090
PCB-1242 Peak 5	3.233										3.163 - 3.303	3.233
PCB-1242 Peak 6	3.440										3.370 - 3.510	3.440
PCB-1242 Peak 7	3.668										3.598 - 3.738	3.668
PCB-1242 Peak 8	4.395										4.325 - 4.465	4.395

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	or176821.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	75.054				Ave		75.0540000						20.0			
PCB-1242 Peak 2	124.17				Ave		124.169000						20.0			
PCB-1242 Peak 3	97.238				Ave		97.2380000						20.0			
PCB-1242 Peak 4	232.48				Ave		232.484000						20.0			
PCB-1242 Peak 5	96.900				Ave		96.9000000						20.0			
PCB-1242 Peak 6	116.85				Ave		116.854000						20.0			
PCB-1242 Peak 7	109.56				Ave		109.559000						20.0			
PCB-1242 Peak 8	164.94				Ave		164.938000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:41 Calibration End Date: 08/29/2011 11:41 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/13	or176821.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	75054					1000				
PCB-1242 Peak 2	Ave	124169					1000				
PCB-1242 Peak 3	Ave	97238					1000				
PCB-1242 Peak 4	Ave	232484					1000				
PCB-1242 Peak 5	Ave	96900					1000				
PCB-1242 Peak 6	Ave	116854					1000				
PCB-1242 Peak 7	Ave	109559					1000				
PCB-1242 Peak 8	Ave	164938					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176821.d
Lab Smp Id: IC SG1242L3_00011
Inj Date : 29-AUG-2011 11:41
Operator : 615
Smp Info : IC SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12420.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
24 Aroclor-1242				CAS #: 53469-21-9		
2.318	2.318	0.000	75054 1000.00	1000	80.00- 120.00	100.00(M)
2.638	2.638	0.000	124169 1000.00	1000	132.35- 198.53	165.44
2.828	2.828	0.000	97238 1000.00	1000	103.65- 155.47	129.56
3.090	3.090	0.000	232484 1000.00	1000	247.80- 371.71	309.76
3.233	3.233	0.000	96900 1000.00	1000	103.29- 154.93	129.11
3.440	3.440	0.000	116854 1000.00	1000	124.55- 186.83	155.69
3.668	3.668	0.000	109559 1000.00	1000	116.78- 175.17	145.97
4.395	4.395	0.000	164938 1000.00	1000	175.81- 263.71	219.76
Average of Peak Amounts =				1e+03		

Data File: or176821.d
Report Date: 29-Aug-2011 13:13

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or176821.d

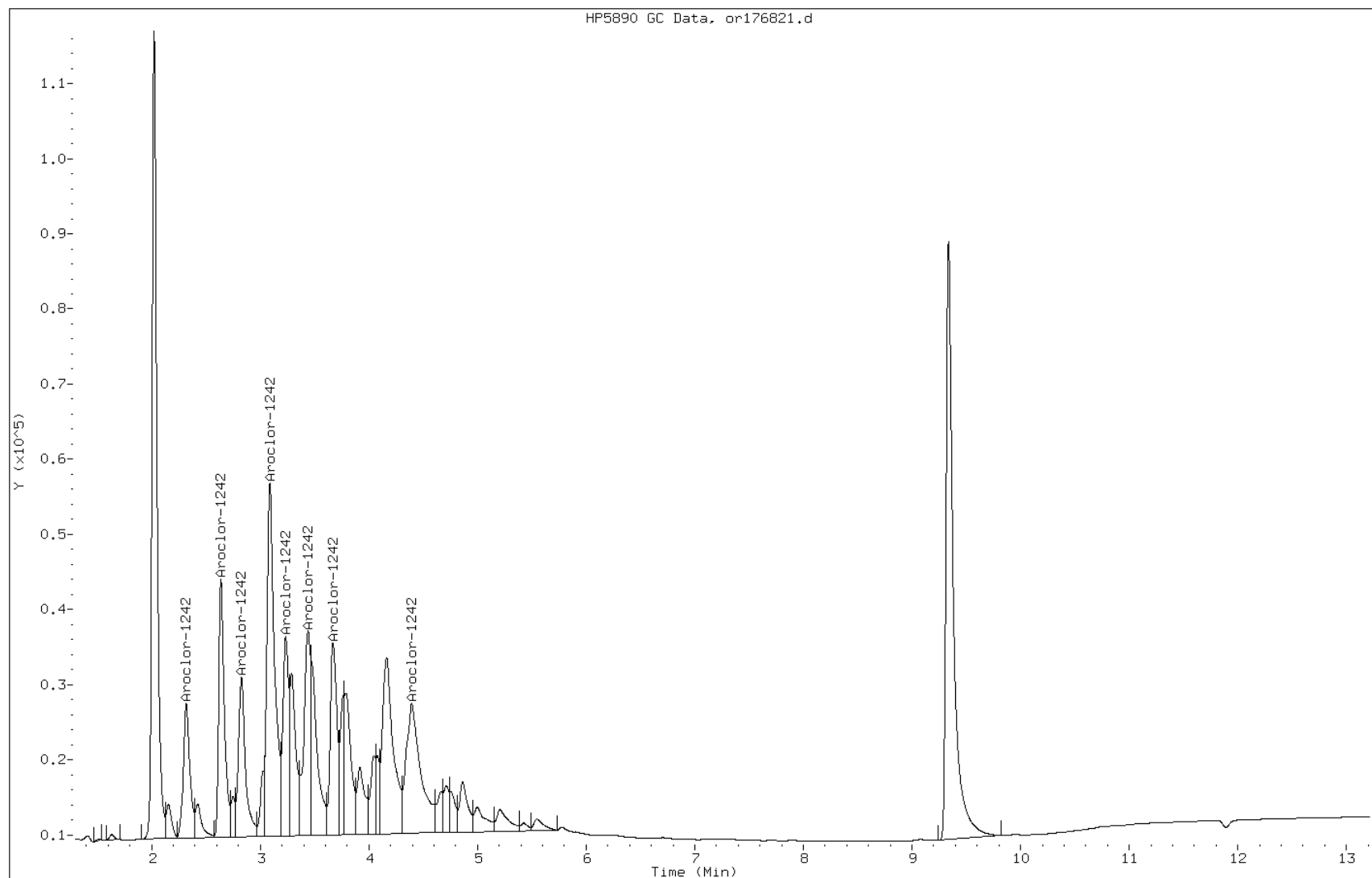
Date: 29-AUG-2011 11:41

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1242L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	of176822.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.323										3.253 - 3.393	3.323
PCB-1248 Peak 2	3.855										3.785 - 3.925	3.855
PCB-1248 Peak 3	4.012										3.942 - 4.082	4.012
PCB-1248 Peak 4	4.310										4.240 - 4.380	4.310
PCB-1248 Peak 5	4.590										4.520 - 4.660	4.590
PCB-1248 Peak 6	4.747										4.677 - 4.817	4.747
PCB-1248 Peak 7	5.123										5.053 - 5.193	5.123
PCB-1248 Peak 8	5.453										5.383 - 5.523	5.453

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	of176822.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	89.105				Ave		89.1050000						20.0			
PCB-1248 Peak 2	157.72				Ave		157.724000						20.0			
PCB-1248 Peak 3	101.21				Ave		101.213000						20.0			
PCB-1248 Peak 4	135.36				Ave		135.359000						20.0			
PCB-1248 Peak 5	143.32				Ave		143.318000						20.0			
PCB-1248 Peak 6	216.54				Ave		216.542000						20.0			
PCB-1248 Peak 7	232.54				Ave		232.543000						20.0			
PCB-1248 Peak 8	305.81				Ave		305.808000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12033

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	of176822.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	89105					1000				
PCB-1248 Peak 2	Ave	157724					1000				
PCB-1248 Peak 3	Ave	101213					1000				
PCB-1248 Peak 4	Ave	135359					1000				
PCB-1248 Peak 5	Ave	143318					1000				
PCB-1248 Peak 6	Ave	216542					1000				
PCB-1248 Peak 7	Ave	232543					1000				
PCB-1248 Peak 8	Ave	305808					1000				

Curve Type Legend:

Ave = Average

Data File: of176822.d
 Report Date: 29-Aug-2011 13:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176822.d
 Lab Smp Id: IC SG1248L3_00010
 Inj Date : 29-AUG-2011 11:57
 Operator : 615
 Smp Info : IC SG1248L3_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
 Meth Date : 29-Aug-2011 13:13 sita
 Cal Date : 29-AUG-2011 12:45
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of176825.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12480.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
3.323	3.323	0.000	89105 1000.00	1000	80.00- 120.00	100.00(M)
3.855	3.855	0.000	157724 1000.00	1000	141.61- 212.41	177.01
4.012	4.012	0.000	101213 1000.00	1000	90.87- 136.31	113.59
4.310	4.310	0.000	135359 1000.00	1000	121.53- 182.29	151.91
4.590	4.590	0.000	143318 1000.00	1000	128.67- 193.01	160.84
4.747	4.747	0.000	216542 1000.00	1000	194.42- 291.62	243.02
5.123	5.123	0.000	232543 1000.00	1000	208.78- 313.17	260.98
5.453	5.453	0.000	305808 1000.00	1000	274.56- 411.84	343.20
Average of Peak Amounts =			1e+03			

Data File: of176822.d
Report Date: 29-Aug-2011 13:13

QC Flag Legend

M - Compound response manually integrated.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	or176822.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.637										2.567 - 2.707	2.637
PCB-1248 Peak 2	3.088										3.018 - 3.158	3.088
PCB-1248 Peak 3	3.243										3.173 - 3.313	3.243
PCB-1248 Peak 4	3.438										3.368 - 3.508	3.438
PCB-1248 Peak 5	3.667										3.597 - 3.737	3.667
PCB-1248 Peak 6	3.762										3.692 - 3.832	3.762
PCB-1248 Peak 7	3.917										3.847 - 3.987	3.917
PCB-1248 Peak 8	4.392										4.322 - 4.462	4.392

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	or176822.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	62.994				Ave		62.9940000						20.0			
PCB-1248 Peak 2	118.03				Ave		118.0290000						20.0			
PCB-1248 Peak 3	64.097				Ave		64.0970000						20.0			
PCB-1248 Peak 4	165.59				Ave		165.5860000						20.0			
PCB-1248 Peak 5	158.21				Ave		158.2070000						20.0			
PCB-1248 Peak 6	85.359				Ave		85.3590000						20.0			
PCB-1248 Peak 7	60.294				Ave		60.2940000						20.0			
PCB-1248 Peak 8	137.47				Ave		137.4710000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 11:57 Calibration End Date: 08/29/2011 11:57 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/14	or176822.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	62994					1000				
PCB-1248 Peak 2	Ave	118029					1000				
PCB-1248 Peak 3	Ave	64097					1000				
PCB-1248 Peak 4	Ave	165586					1000				
PCB-1248 Peak 5	Ave	158207					1000				
PCB-1248 Peak 6	Ave	85359					1000				
PCB-1248 Peak 7	Ave	60294					1000				
PCB-1248 Peak 8	Ave	137471					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176822.d
Lab Smp Id: IC SG1248L3_00010
Inj Date : 29-AUG-2011 11:57
Operator : 615
Smp Info : IC SG1248L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12480.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
2.637	2.637	0.000	62994 1000.00	1000	80.00- 120.00	100.00(M)
3.088	3.088	0.000	118029 1000.00	1000	149.89- 224.84	187.37
3.243	3.243	0.000	64097 1000.00	1000	81.40- 122.10	101.75
3.438	3.438	0.000	165586 1000.00	1000	210.29- 315.43	262.86
3.667	3.667	0.000	158207 1000.00	1000	200.92- 301.38	251.15
3.762	3.762	0.000	85359 1000.00	1000	108.40- 162.60	135.50
3.917	3.917	0.000	60294 1000.00	1000	76.57- 114.86	95.71
4.392	4.392	0.000	137471 1000.00	1000	174.58- 261.87	218.23
Average of Peak Amounts =			1e+03			

Data File: or176822.d
Report Date: 29-Aug-2011 13:13

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or176822.d

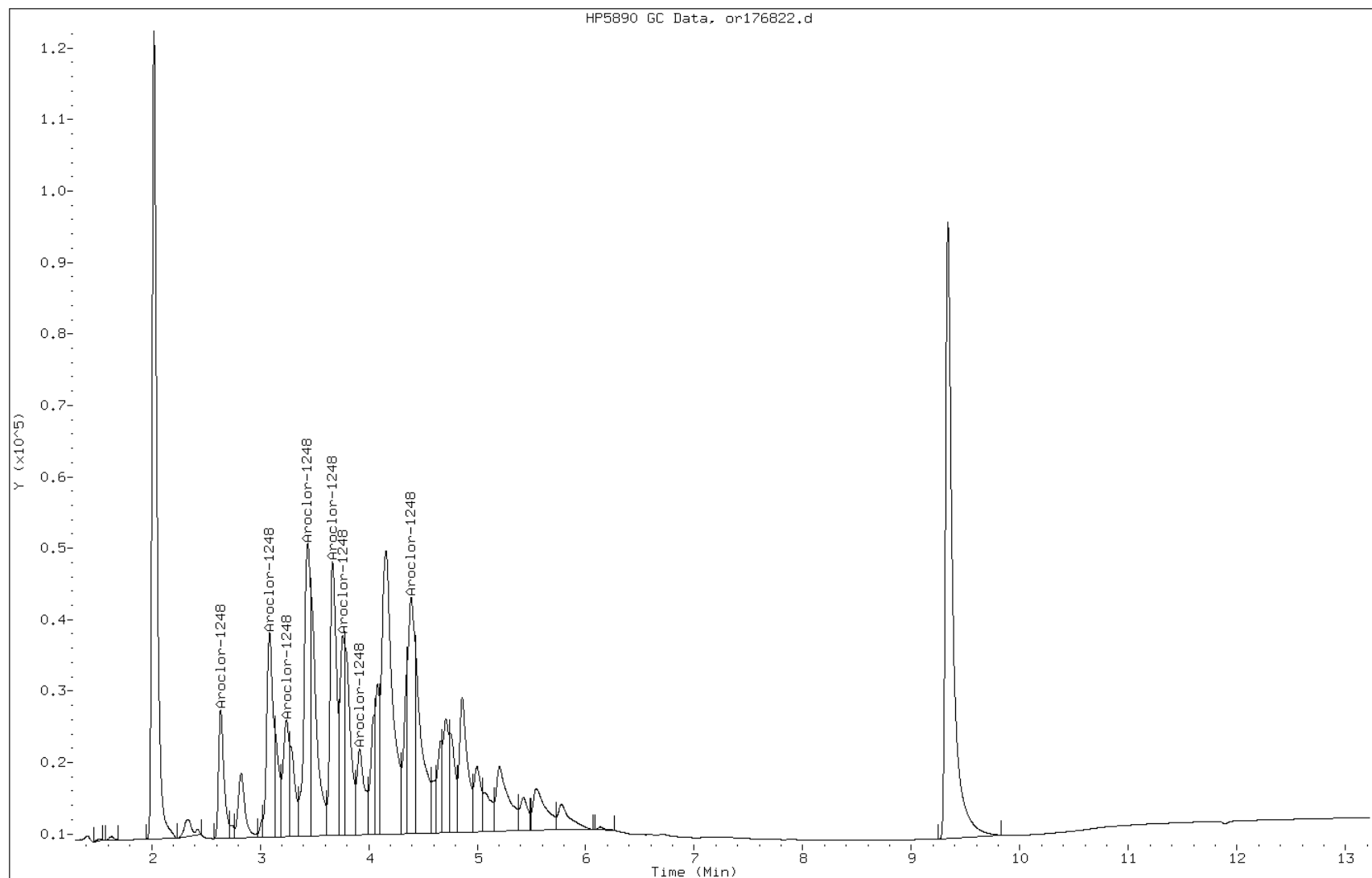
Date: 29-AUG-2011 11:57

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1248L3_00010

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12034

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	of176823.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.265										4.195 - 4.335	4.265
PCB-1254 Peak 2	5.122										5.052 - 5.192	5.122
PCB-1254 Peak 3	5.375										5.305 - 5.445	5.375
PCB-1254 Peak 4	5.815										5.745 - 5.885	5.815
PCB-1254 Peak 5	5.968										5.898 - 6.038	5.968
PCB-1254 Peak 6	6.817										6.747 - 6.887	6.817
PCB-1254 Peak 7	7.168										7.098 - 7.238	7.168
PCB-1254 Peak 8	7.890										7.820 - 7.960	7.890

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12034

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	of176823.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	154.40				Ave		154.396000						20.0			
PCB-1254 Peak 2	239.61				Ave		239.606000						20.0			
PCB-1254 Peak 3	202.07				Ave		202.068000						20.0			
PCB-1254 Peak 4	149.83				Ave		149.827000						20.0			
PCB-1254 Peak 5	359.09				Ave		359.089000						20.0			
PCB-1254 Peak 6	191.72				Ave		191.719000						20.0			
PCB-1254 Peak 7	364.39				Ave		364.389000						20.0			
PCB-1254 Peak 8	39.705				Ave		39.7050000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12034

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	of176823.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	154396					1000				
PCB-1254 Peak 2	Ave	239606					1000				
PCB-1254 Peak 3	Ave	202068					1000				
PCB-1254 Peak 4	Ave	149827					1000				
PCB-1254 Peak 5	Ave	359089					1000				
PCB-1254 Peak 6	Ave	191719					1000				
PCB-1254 Peak 7	Ave	364389					1000				
PCB-1254 Peak 8	Ave	39705					1000				

Curve Type Legend:

Ave = Average

Data File: of176823.d
Report Date: 29-Aug-2011 13:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/of176823.d
Lab Smp Id: IC SG1254L3_00011
Inj Date : 29-AUG-2011 12:13
Operator : 615
Smp Info : IC SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Aug11/08-29-11ical/29aug11a.b/080f8082.m
Meth Date : 29-Aug-2011 13:13 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
4.265	4.265	0.000	154396 1000.00	1000	80.00- 120.00	100.00(M)
5.122	5.122	0.000	239606 1000.00	1000	124.15- 186.23	155.19
5.375	5.375	0.000	202068 1000.00	1000	104.70- 157.05	130.88
5.815	5.815	0.000	149827 1000.00	1000	77.63- 116.45	97.04
5.968	5.968	0.000	359089 1000.00	1000	186.06- 279.09	232.58
6.817	6.817	0.000	191719 1000.00	1000	99.34- 149.01	124.17
7.168	7.168	0.000	364389 1000.00	1000	188.81- 283.21	236.01
7.890	7.890	0.000	39705 1000.00	1000	20.57- 30.86	25.72
Average of Peak Amounts =			1e+03			

Data File: of176823.d
Report Date: 29-Aug-2011 13:13

QC Flag Legend

M - Compound response manually integrated.

Data File: of176823.d

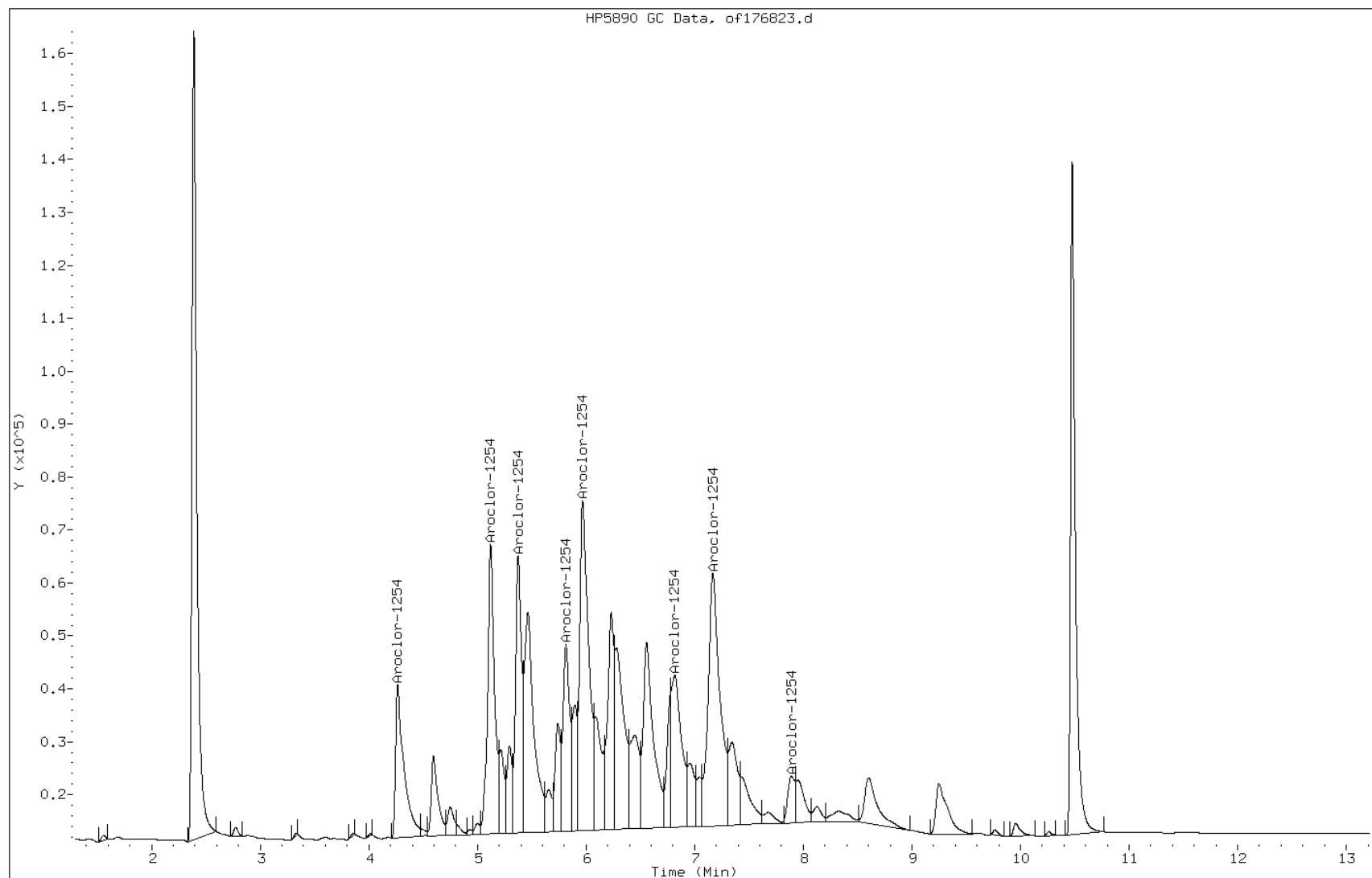
Date: 29-AUG-2011 12:13

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1254L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12026

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	or176823.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.088										4.018 - 4.158	4.088
PCB-1254 Peak 2	4.123										4.053 - 4.193	4.123
PCB-1254 Peak 3	4.388										4.318 - 4.458	4.388
PCB-1254 Peak 4	4.712										4.642 - 4.782	4.712
PCB-1254 Peak 5	4.862										4.792 - 4.932	4.862
PCB-1254 Peak 6	5.205										5.135 - 5.275	5.205
PCB-1254 Peak 7	5.425										5.355 - 5.495	5.425
PCB-1254 Peak 8	5.775										5.705 - 5.845	5.775

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12026

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	or176823.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	120.79				Ave		120.786000						20.0			
PCB-1254 Peak 2	112.98				Ave		112.979000						20.0			
PCB-1254 Peak 3	228.52				Ave		228.520000						20.0			
PCB-1254 Peak 4	140.35				Ave		140.350000						20.0			
PCB-1254 Peak 5	251.39				Ave		251.391000						20.0			
PCB-1254 Peak 6	165.77				Ave		165.774000						20.0			
PCB-1254 Peak 7	201.21				Ave		201.208000						20.0			
PCB-1254 Peak 8	246.21				Ave		246.212000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31258-1 Analy Batch No.: 84507

SDG No.: _____

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/29/2011 12:13 Calibration End Date: 08/29/2011 12:13 Calibration ID: 12026

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84507/15	or176823.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	120786					1000				
PCB-1254 Peak 2	Ave	112979					1000				
PCB-1254 Peak 3	Ave	228520					1000				
PCB-1254 Peak 4	Ave	140350					1000				
PCB-1254 Peak 5	Ave	251391					1000				
PCB-1254 Peak 6	Ave	165774					1000				
PCB-1254 Peak 7	Ave	201208					1000				
PCB-1254 Peak 8	Ave	246212					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/or176823.d
Lab Smp Id: IC SG1254L3_00011
Inj Date : 29-AUG-2011 12:13
Operator : 615
Smp Info : IC SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b/080r8082.m
Meth Date : 29-Aug-2011 13:07 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
4.088	4.088	0.000	120786 1000.00	1000	80.00- 120.00	100.00(M)
4.123	4.123	0.000	112979 1000.00	1000	74.83- 112.24	93.54
4.388	4.388	0.000	228520 1000.00	1000	151.36- 227.03	189.19
4.712	4.712	0.000	140350 1000.00	1000	92.96- 139.44	116.20
4.862	4.862	0.000	251391 1000.00	1000	166.50- 249.76	208.13
5.205	5.205	0.000	165774 1000.00	1000	109.80- 164.70	137.25
5.425	5.425	0.000	201208 1000.00	1000	133.27- 199.90	166.58
5.775	5.775	0.000	246212 1000.00	1000	163.07- 244.61	203.84
Average of Peak Amounts =			1e+03			

Data File: or176823.d
Report Date: 29-Aug-2011 13:13

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or176823.d

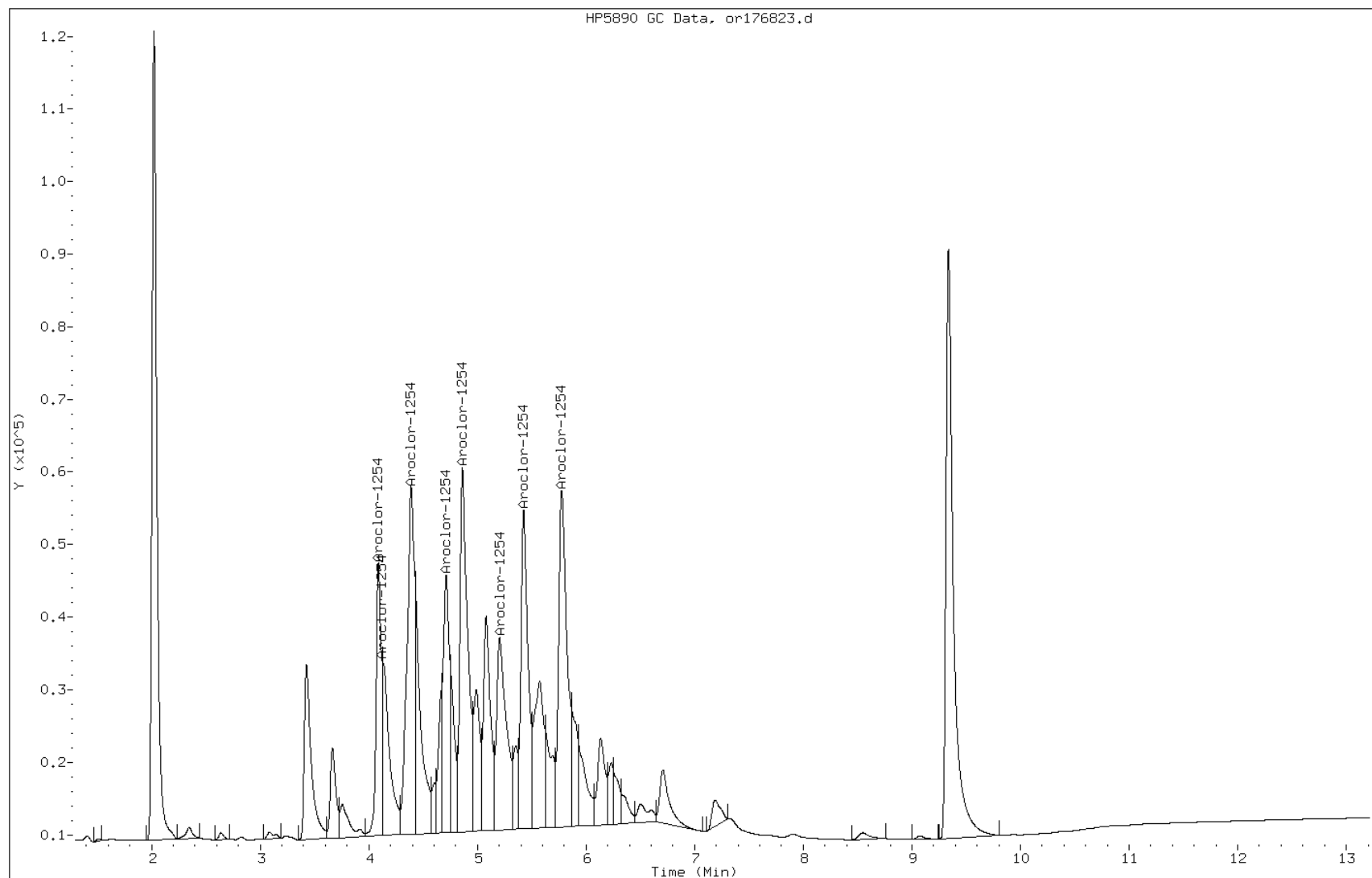
Date: 29-AUG-2011 12:13

Client ID:

Instrument: PESTGC7.i

Sample Info: IC SG1254L3_00011

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86903/2 Calibration Date: 09/21/2011 00:57
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177828.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	83.92	84.38		1010	1000	0.5	15.0
PCB-1016 Peak 2	Ave	206.5	210.2		1020	1000	1.8	15.0
PCB-1016 Peak 3	Ave	110.2	120.6		1090	1000	9.4	15.0
PCB-1016 Peak 4	Ave	321.8	333.1		1040	1000	3.5	15.0
PCB-1016 Peak 5	Ave	189.7	205.0		1080	1000	8.1	15.0
PCB-1016 Peak 6	Ave	121.7	129.4		1060	1000	6.4	15.0
PCB-1016 Peak 7	Ave	105.9	102.0		963	1000	-3.7	15.0
PCB-1016 Peak 8	Ave	161.2	173.8		1080	1000	7.8	15.0
PCB-1260 Peak 1	Ave	288.4	310.5		1080	1000	7.7	15.0
PCB-1260 Peak 2	Ave	318.7	343.7		1080	1000	7.9	15.0
PCB-1260 Peak 3	Ave	386.8	454.7		1180	1000	17.6*	15.0
PCB-1260 Peak 4	Ave	237.9	256.4		1080	1000	7.8	15.0
PCB-1260 Peak 5	Ave	185.2	176.3		952	1000	-4.8	15.0
PCB-1260 Peak 6	Ave	224.7	257.4		1150	1000	14.5	15.0
PCB-1260 Peak 7	Ave	254.3	285.8		1120	1000	12.4	15.0
PCB-1260 Peak 8	Ave	112.9	119.4		1060	1000	5.7	15.0
DCB Decachlorobiphenyl	Ave	3335	3117		93.5	100	-6.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86903/2 Calibration Date: 09/21/2011 00:57
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177828.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.92	2.83	2.97
PCB-1016 Peak 2	3.36	3.28	3.42
PCB-1016 Peak 3	3.63	3.55	3.69
PCB-1016 Peak 4	3.90	3.81	3.95
PCB-1016 Peak 5	4.05	3.97	4.11
PCB-1016 Peak 6	4.34	4.26	4.40
PCB-1016 Peak 7	4.62	4.54	4.68
PCB-1016 Peak 8	4.78	4.70	4.84
PCB-1260 Peak 1	6.25	6.17	6.31
PCB-1260 Peak 2	6.58	6.50	6.64
PCB-1260 Peak 3	7.18	7.11	7.25
PCB-1260 Peak 4	7.36	7.28	7.42
PCB-1260 Peak 5	7.47	7.39	7.53
PCB-1260 Peak 6	7.98	7.90	8.04
PCB-1260 Peak 7	9.26	9.18	9.32
PCB-1260 Peak 8	9.96	9.89	10.03
DCB Decachlorobiphenyl	10.48	10.38	10.58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177828.d
Lab Smp Id: sg1660l3_00013
Inj Date : 21-SEP-2011 00:57
Operator : 615
Smp Info : sg1660l3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 80
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
RT	EXP RT	DLT RT	ON-COL	FINAL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE (ug/L)	(ug/kg)		=====		=====
21 Aroclor-1016				CAS #: 12674-11-2				
2.917	2.903	0.014	84379	1005.49	670	80.00-	120.00	100.00(M)
3.360	3.347	0.013	210191	1017.93	680	193.22-	289.83	249.10
3.630	3.617	0.013	120557	1093.70	730	114.05-	171.08	142.88
3.895	3.882	0.013	333076	1035.01	690	289.86-	434.80	394.74
4.053	4.040	0.013	205044	1080.92	720	186.78-	280.17	243.00
4.343	4.330	0.013	129416	1063.55	710	108.10-	162.15	153.37
4.620	4.608	0.012	101973	962.890	640	111.70-	167.55	120.85
4.780	4.768	0.012	173811	1077.91	720	161.35-	242.03	205.99
Average of Peak Concentrations =					690			

27 Aroclor-1260				CAS #: 11096-82-5				
6.252	6.242	0.010	310534	1076.57	720	80.00-	120.00	100.00(M)

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.578	6.570	0.008	343746	1078.74	720	89.75-	134.63	110.70
7.183	7.177	0.006	454745	1175.79	780	112.26-	168.39	146.44
7.362	7.352	0.010	256416	1078.05	720	69.98-	104.97	82.57
7.470	7.458	0.012	176254	951.592	630	51.34-	77.01	56.76
7.983	7.972	0.011	257391	1145.29	760	68.03-	102.05	82.89
9.255	9.253	0.002	285815	1123.98	750	75.28-	112.92	92.04
9.960	9.960	0.000	119356	1057.33	700	31.54-	47.31	38.44
Average of Peak Concentrations =					720			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.478	10.477	0.001	311721	93.4694	62	80.00-	120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86903/2 Calibration Date: 09/21/2011 00:57
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177828.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	81.44	81.05		995	1000	-0.5	15.0
PCB-1016 Peak 2	Ave	149.9	150.5		1000	1000	0.4	15.0
PCB-1016 Peak 3	Ave	108.8	116.6		1070	1000	7.1	15.0
PCB-1016 Peak 4	Ave	297.6	281.2		945	1000	-5.5	15.0
PCB-1016 Peak 5	Ave	116.3	119.7		1030	1000	2.9	15.0
PCB-1016 Peak 6	Ave	138.8	145.6		1050	1000	4.9	15.0
PCB-1016 Peak 7	Ave	122.4	134.5		1100	1000	9.9	15.0
PCB-1016 Peak 8	Ave	51.01	56.48		1110	1000	10.7	15.0
PCB-1260 Peak 1	Ave	185.4	205.2		1110	1000	10.7	15.0
PCB-1260 Peak 2	Ave	306.2	340.7		1110	1000	11.3	15.0
PCB-1260 Peak 3	Ave	269.0	278.6		1040	1000	3.6	15.0
PCB-1260 Peak 4	Ave	148.2	160.2		1080	1000	8.1	15.0
PCB-1260 Peak 5	Ave	133.1	130.1		978	1000	-2.2	15.0
PCB-1260 Peak 6	Ave	372.8	400.9		1080	1000	7.5	15.0
PCB-1260 Peak 7	Ave	152.5	158.0		1040	1000	3.6	15.0
PCB-1260 Peak 8	Ave	91.98	104.6		1140	1000	13.8	15.0
DCB Decachlorobiphenyl	Ave	3518	3535		100	100	0.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86903/2 Calibration Date: 09/21/2011 00:57
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177828.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.12	3.05	3.19
PCB-1016 Peak 5	3.26	3.19	3.33
PCB-1016 Peak 6	3.46	3.39	3.53
PCB-1016 Peak 7	3.69	3.62	3.76
PCB-1016 Peak 8	3.80	3.73	3.87
PCB-1260 Peak 1	5.10	5.03	5.17
PCB-1260 Peak 2	5.45	5.38	5.52
PCB-1260 Peak 3	5.80	5.74	5.88
PCB-1260 Peak 4	5.93	5.86	6.00
PCB-1260 Peak 5	6.25	6.19	6.33
PCB-1260 Peak 6	6.73	6.67	6.81
PCB-1260 Peak 7	7.35	7.28	7.42
PCB-1260 Peak 8	8.58	8.52	8.66
DCB Decachlorobiphenyl	9.35	9.25	9.45

Data File: or177828.d
Report Date: 21-Sep-2011 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177828.d
Lab Smp Id: sg1660l3_00013
Inj Date : 21-SEP-2011 00:57
Operator : 615
Smp Info : sg1660l3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 80
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.347	2.343	0.004	81050	995.257	660	80.00-	120.00	100.00(M)
2.662	2.660	0.002	150458	1003.55	670	148.65-	222.98	185.64
2.852	2.848	0.004	116554	1071.21	710	121.26-	181.88	143.81
3.120	3.118	0.002	281167	944.856	630	272.68-	409.03	346.91
3.263	3.262	0.001	119659	1029.01	690	117.65-	176.48	147.64
3.460	3.463	-0.003	145587	1048.92	700	134.47-	201.70	179.63
3.693	3.692	0.001	134537	1099.07	730	131.12-	196.68	165.99
3.802	3.798	0.004	56483	1107.25	740	53.14-	79.71	69.69
Average of Peak Concentrations =					690			

27 Aroclor-1260					CAS #: 11096-82-5			
5.098	5.098	0.000	205199	1106.65	740	80.00-	120.00	100.00(M)

Data File: or177828.d
 Report Date: 21-Sep-2011 13:30

			CONCENTRATIONS					
				ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
5.447	5.450	-0.003	340661	1112.59	740	131.14-	196.71	166.01
5.798	5.807	-0.009	278613	1035.66	690	104.12-	156.17	135.78
5.930	5.928	0.002	160185	1080.86	720	70.26-	105.40	78.06
6.253	6.255	-0.002	130113	977.669	650	52.01-	78.02	63.41
6.730	6.735	-0.005	400890	1075.30	720	148.77-	223.15	195.37
7.352	7.353	-0.001	158007	1035.91	690	60.99-	91.49	77.00
8.580	8.590	-0.010	104640	1137.65	760	38.05-	57.07	50.99
Average of Peak Concentrations =					710			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.348	9.350	-0.002	353495	100.491	67	80.00-	120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
 M - Compound response manually integrated.

Data File: or177828.d

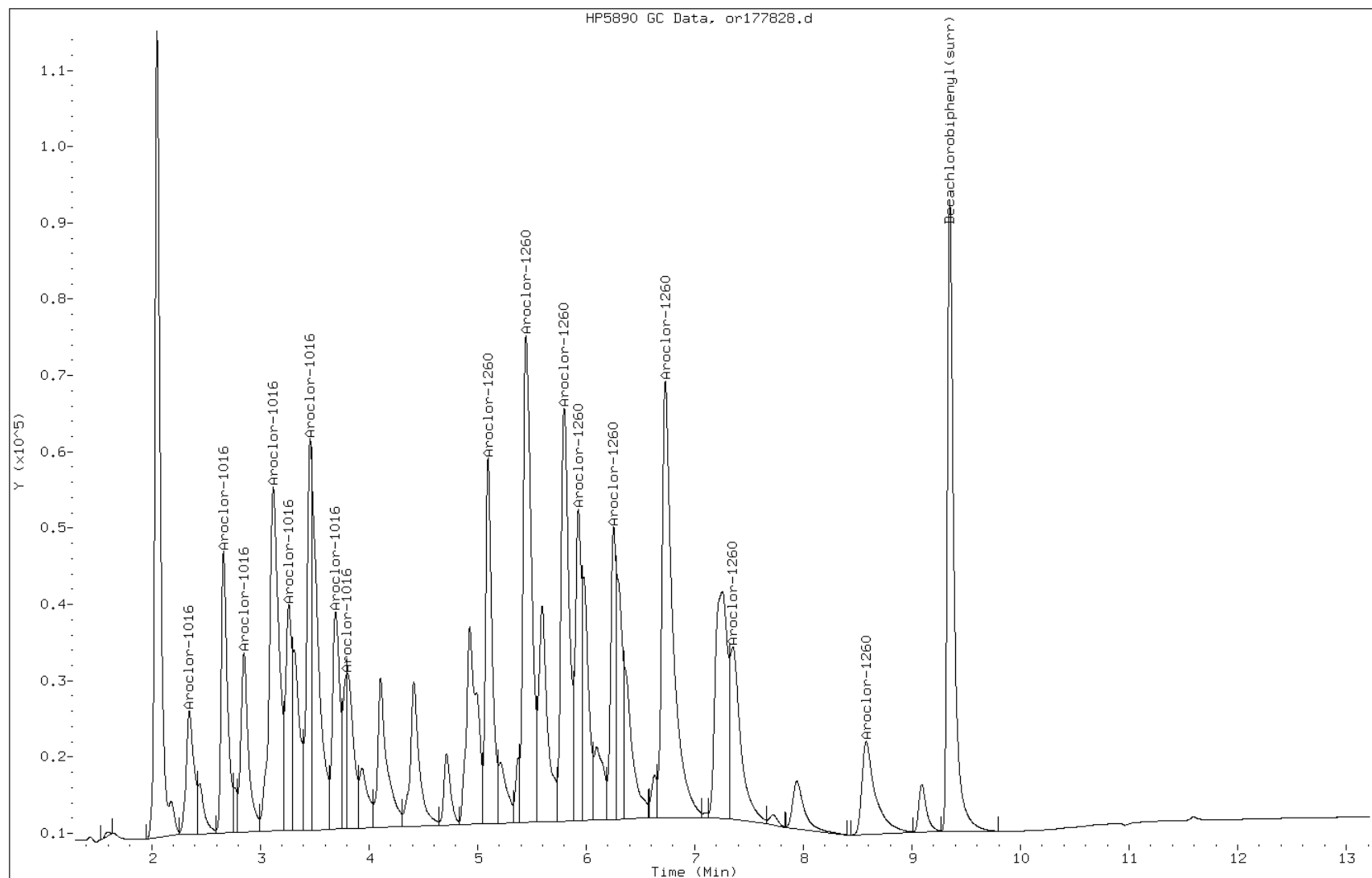
Date: 21-SEP-2011 00:57

Client ID:

Instrument: PESTGC7.i

Sample Info: sg1660l3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86903/11 Calibration Date: 09/21/2011 03:25
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177837.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	83.92	96.37		1150	1000	14.8	15.0
PCB-1016 Peak 2	Ave	206.5	217.3		1050	1000	5.2	15.0
PCB-1016 Peak 3	Ave	110.2	116.3		1050	1000	5.5	15.0
PCB-1016 Peak 4	Ave	321.8	365.0		1130	1000	13.4	15.0
PCB-1016 Peak 5	Ave	189.7	208.2		1100	1000	9.8	15.0
PCB-1016 Peak 6	Ave	121.7	121.8		1000	1000	0.1	15.0
PCB-1016 Peak 7	Ave	105.9	115.5		1090	1000	9.0	15.0
PCB-1016 Peak 8	Ave	161.2	176.7		1100	1000	9.6	15.0
PCB-1260 Peak 1	Ave	288.4	297.8		1030	1000	3.2	15.0
PCB-1260 Peak 2	Ave	318.7	334.1		1050	1000	4.8	15.0
PCB-1260 Peak 3	Ave	386.8	465.3		1200	1000	20.3*	15.0
PCB-1260 Peak 4	Ave	237.9	242.0		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	185.2	151.4		818	1000	-18.2*	15.0
PCB-1260 Peak 6	Ave	224.7	255.8		1140	1000	13.8	15.0
PCB-1260 Peak 7	Ave	254.3	328.4		1290	1000	29.2*	15.0
PCB-1260 Peak 8	Ave	112.9	116.8		1030	1000	3.4	15.0
DCB Decachlorobiphenyl	Ave	3335	3001		90.0	100	-10.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86903/11 Calibration Date: 09/21/2011 03:25
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177837.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.90	2.83	2.97
PCB-1016 Peak 2	3.35	3.28	3.42
PCB-1016 Peak 3	3.62	3.55	3.69
PCB-1016 Peak 4	3.88	3.81	3.95
PCB-1016 Peak 5	4.04	3.97	4.11
PCB-1016 Peak 6	4.33	4.26	4.40
PCB-1016 Peak 7	4.60	4.54	4.68
PCB-1016 Peak 8	4.76	4.70	4.84
PCB-1260 Peak 1	6.23	6.17	6.31
PCB-1260 Peak 2	6.56	6.50	6.64
PCB-1260 Peak 3	7.16	7.11	7.25
PCB-1260 Peak 4	7.34	7.28	7.42
PCB-1260 Peak 5	7.45	7.39	7.53
PCB-1260 Peak 6	7.96	7.90	8.04
PCB-1260 Peak 7	9.24	9.18	9.32
PCB-1260 Peak 8	9.95	9.89	10.03
DCB Decachlorobiphenyl	10.47	10.38	10.58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177837.d
Lab Smp Id: ccv sg1660l3_00013
Inj Date : 21-SEP-2011 03:25
Operator : 615
Smp Info : ccv sg1660l3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 47
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.903	2.903	0.000	96370	1148.38	760	80.00-	120.00	100.00(M)
3.345	3.347	-0.002	217250	1052.12	700	193.22-	289.83	225.43
3.615	3.617	-0.002	116265	1054.77	700	114.05-	171.08	120.64
3.877	3.882	-0.005	364963	1134.10	760	289.86-	434.80	378.71
4.037	4.040	-0.003	208230	1097.71	730	186.78-	280.17	216.07
4.327	4.330	-0.003	121832	1001.23	670	108.10-	162.15	126.42
4.603	4.608	-0.005	115467	1090.31	730	111.70-	167.55	119.82
4.762	4.768	-0.006	176726	1095.98	730	161.35-	242.03	183.38
Average of Peak Concentrations =					720			

27 Aroclor-1260					CAS #: 11096-82-5			
6.233	6.242	-0.009	297806	1032.45	690	80.00-	120.00	100.00(M)

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)									
6.558	6.570	-0.012	334081	1048.41	700	89.75-	134.63	112.18	
7.160	7.177	-0.017	465254	1202.96	800	112.26-	168.39	156.23	
7.342	7.352	-0.010	242032	1017.57	680	69.98-	104.97	81.27	
7.448	7.458	-0.010	151446	817.654	540	51.34-	77.01	50.85	
7.958	7.972	-0.014	255835	1138.36	760	68.03-	102.05	85.91	
9.240	9.253	-0.013	328445	1291.63	860	75.28-	112.92	110.29	
9.950	9.960	-0.010	116750	1034.25	690	31.54-	47.31	39.20	
Average of Peak Concentrations =					720				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.472	10.477	-0.005	300064	89.9741	60	80.00-	120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86903/11 Calibration Date: 09/21/2011 03:25
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177837.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	81.44	87.54		1070	1000	7.5	15.0
PCB-1016 Peak 2	Ave	149.9	152.5		1020	1000	1.7	15.0
PCB-1016 Peak 3	Ave	108.8	118.0		1080	1000	8.4	15.0
PCB-1016 Peak 4	Ave	297.6	304.4		1020	1000	2.3	15.0
PCB-1016 Peak 5	Ave	116.3	120.5		1040	1000	3.6	15.0
PCB-1016 Peak 6	Ave	138.8	239.2		1720	1000	72.3*	15.0
PCB-1016 Peak 7	Ave	122.4	137.3		1120	1000	12.1	15.0
PCB-1016 Peak 8	Ave	51.01	54.01		1060	1000	5.9	15.0
PCB-1260 Peak 1	Ave	185.4	207.2		1120	1000	11.8	15.0
PCB-1260 Peak 2	Ave	306.2	354.0		1160	1000	15.6*	15.0
PCB-1260 Peak 3	Ave	269.0	277.3		1030	1000	3.1	15.0
PCB-1260 Peak 4	Ave	148.2	153.3		1030	1000	3.4	15.0
PCB-1260 Peak 5	Ave	133.1	150.1		1130	1000	12.8	15.0
PCB-1260 Peak 6	Ave	372.8	404.4		1080	1000	8.5	15.0
PCB-1260 Peak 7	Ave	152.5	145.6		955	1000	-4.5	15.0
PCB-1260 Peak 8	Ave	91.98	107.2		1170	1000	16.6*	15.0
DCB Decachlorobiphenyl	Ave	3518	3480		98.9	100	-1.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86903/11 Calibration Date: 09/21/2011 03:25
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177837.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.27	2.41
PCB-1016 Peak 2	2.66	2.59	2.73
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.12	3.05	3.19
PCB-1016 Peak 5	3.26	3.19	3.33
PCB-1016 Peak 6	3.45	3.39	3.53
PCB-1016 Peak 7	3.69	3.62	3.76
PCB-1016 Peak 8	3.79	3.73	3.87
PCB-1260 Peak 1	5.09	5.03	5.17
PCB-1260 Peak 2	5.44	5.38	5.52
PCB-1260 Peak 3	5.79	5.74	5.88
PCB-1260 Peak 4	5.92	5.86	6.00
PCB-1260 Peak 5	6.24	6.19	6.33
PCB-1260 Peak 6	6.72	6.67	6.81
PCB-1260 Peak 7	7.34	7.28	7.42
PCB-1260 Peak 8	8.56	8.52	8.66
DCB Decachlorobiphenyl	9.34	9.25	9.45

Data File: or177837.d
 Report Date: 21-Sep-2011 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177837.d
 Lab Smp Id: ccv sg1660l3_00013
 Inj Date : 21-SEP-2011 03:25
 Operator : 615
 Smp Info : ccv sg1660l3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
 Meth Date : 21-Sep-2011 13:29 sita
 Cal Date : 29-AUG-2011 12:45
 Als bottle: 47
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i

Quant Type: ESTD

Cal File: or176825.d

Compound Sublist: AR16600S.sub

Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.345	2.343	0.002	87540	1074.95	720	80.00-	120.00	100.00(M)
2.660	2.660	0.000	152509	1017.23	680	148.65-	222.98	174.22
2.848	2.848	0.000	117974	1084.26	720	121.26-	181.88	134.77
3.115	3.118	-0.003	304369	1022.83	680	272.68-	409.03	347.69
3.258	3.262	-0.004	120455	1035.85	690	117.65-	176.48	137.60
3.452	3.463	-0.011	239194	1723.34	1100	134.47-	201.70	273.24
3.688	3.692	-0.004	137250	1121.24	750	131.12-	196.68	156.79
3.793	3.798	-0.005	54006	1058.69	700	53.14-	79.71	61.69
Average of Peak Concentrations =					760			

27 Aroclor-1260					CAS #: 11096-82-5			
5.090	5.098	-0.008	207236	1117.64	740	80.00-	120.00	100.00(M)

Data File: or177837.d
 Report Date: 21-Sep-2011 13:30

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL		TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.437	5.450	-0.013	354027	1156.24	770	131.14-	196.71	170.83	
5.785	5.807	-0.022	277254	1030.61	690	104.12-	156.17	133.79	
5.922	5.928	-0.006	153287	1034.31	690	70.26-	105.40	73.97	
6.243	6.255	-0.012	150102	1127.87	750	52.01-	78.02	72.43	
6.717	6.735	-0.018	404405	1084.73	720	148.77-	223.15	195.14	
7.340	7.353	-0.013	145623	954.718	640	60.99-	91.49	70.27	
8.560	8.590	-0.030	107220	1165.70	780	38.05-	57.07	51.74	
Average of Peak Concentrations =					720				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.340	9.350	-0.010	347994	98.9274	66	80.00-	120.00	100.00(R)	

QC Flag Legend

- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.

Data File: or177837.d

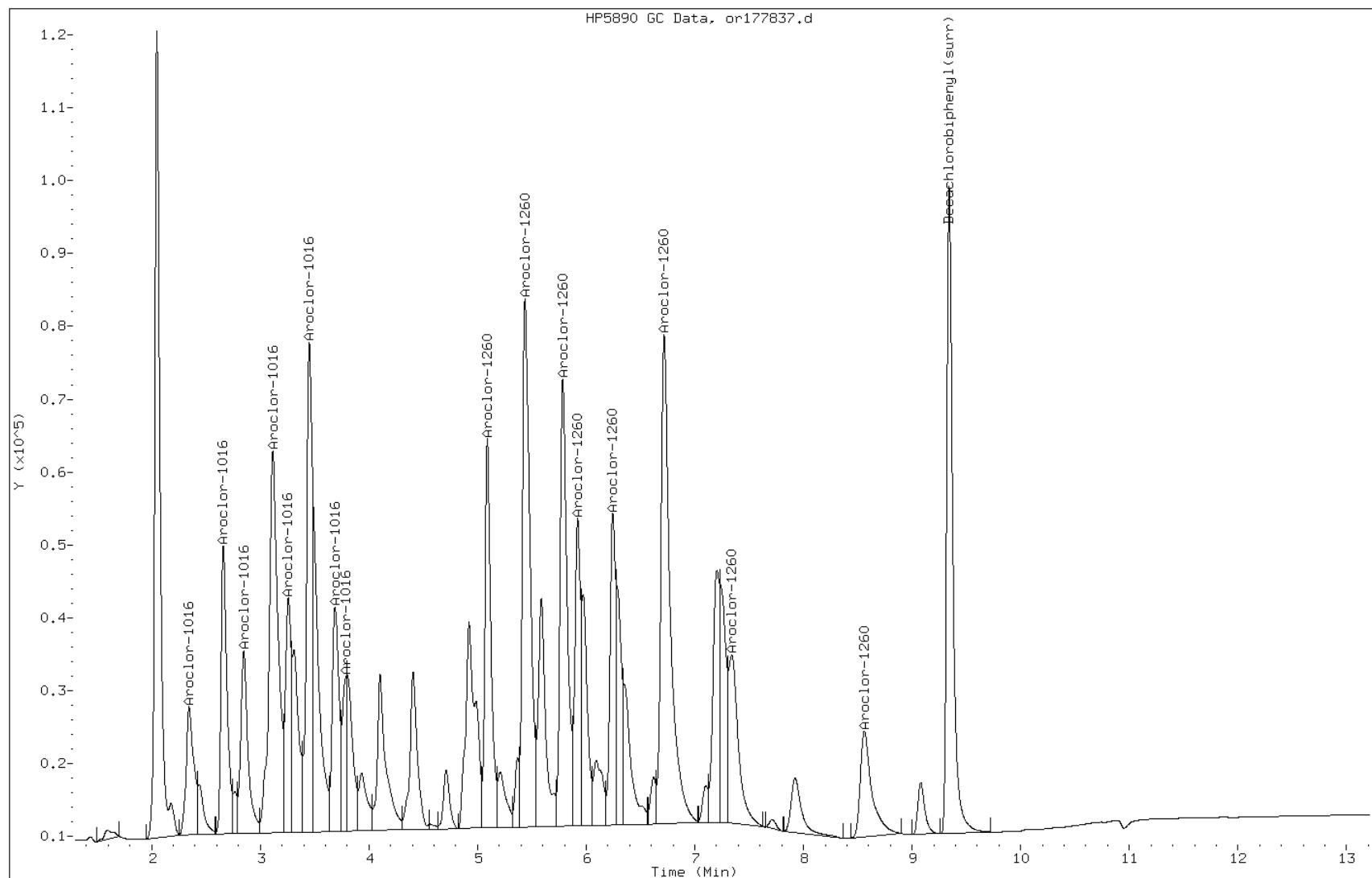
Date: 21-SEP-2011 03:25

Client ID:

Instrument: PESTGC7.i

Sample Info: ccv sg1660l3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87099/2 Calibration Date: 09/22/2011 13:39
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177910.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	83.92	88.63		1060	1000	5.6	15.0
PCB-1016 Peak 2	Ave	206.5	208.0		1010	1000	0.7	15.0
PCB-1016 Peak 3	Ave	110.2	125.0		1130	1000	13.4	15.0
PCB-1016 Peak 4	Ave	321.8	295.3		918	1000	-8.2	15.0
PCB-1016 Peak 5	Ave	189.7	204.1		1080	1000	7.6	15.0
PCB-1016 Peak 6	Ave	121.7	122.1		1000	1000	0.4	15.0
PCB-1016 Peak 7	Ave	105.9	102.3		966	1000	-3.4	15.0
PCB-1016 Peak 8	Ave	161.2	180.1		1120	1000	11.7	15.0
PCB-1260 Peak 1	Ave	288.4	308.7		1070	1000	7.0	15.0
PCB-1260 Peak 2	Ave	318.7	335.4		1050	1000	5.3	15.0
PCB-1260 Peak 3	Ave	386.8	402.4		1040	1000	4.0	15.0
PCB-1260 Peak 4	Ave	237.9	263.9		1110	1000	11.0	15.0
PCB-1260 Peak 5	Ave	185.2	207.0		1120	1000	11.8	15.0
PCB-1260 Peak 6	Ave	224.7	246.6		1100	1000	9.7	15.0
PCB-1260 Peak 7	Ave	254.3	267.3		1050	1000	5.1	15.0
PCB-1260 Peak 8	Ave	112.9	113.6		1010	1000	0.6	15.0
DCB Decachlorobiphenyl	Ave	3335	3211		96.3	100	-3.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87099/2 Calibration Date: 09/22/2011 13:39
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177910.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.91	2.84	2.98
PCB-1016 Peak 2	3.35	3.28	3.42
PCB-1016 Peak 3	3.62	3.55	3.69
PCB-1016 Peak 4	3.89	3.82	3.96
PCB-1016 Peak 5	4.05	3.97	4.11
PCB-1016 Peak 6	4.33	4.26	4.40
PCB-1016 Peak 7	4.61	4.54	4.68
PCB-1016 Peak 8	4.77	4.70	4.84
PCB-1260 Peak 1	6.25	6.18	6.32
PCB-1260 Peak 2	6.58	6.51	6.65
PCB-1260 Peak 3	7.19	7.11	7.25
PCB-1260 Peak 4	7.36	7.29	7.43
PCB-1260 Peak 5	7.46	7.39	7.53
PCB-1260 Peak 6	7.98	7.91	8.05
PCB-1260 Peak 7	9.26	9.19	9.33
PCB-1260 Peak 8	9.97	9.90	10.04
DCB Decachlorobiphenyl	10.48	10.38	10.58

Data File: of177910.d
Report Date: 23-Sep-2011 10:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177910.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 22-SEP-2011 13:39
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
Meth Date : 23-Sep-2011 10:50 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.908	2.908	0.000	88633 1000.00	1000 80.00- 120.00	100.00(M)	
3.350	3.350	0.000	207990 1000.00	1000 187.73- 281.60	234.66	
3.618	3.618	0.000	125005 1000.00	1100 112.83- 169.24	141.04	
3.888	3.888	0.000	295261 1000.00	920 266.50- 399.75	333.13	
4.045	4.045	0.000	204111 1000.00	1100 184.23- 276.35	230.29	
4.333	4.333	0.000	122114 1000.00	1000 110.22- 165.33	137.77	
4.613	4.613	0.000	102304 1000.00	970 92.34- 138.51	115.42	
4.773	4.773	0.000	180139 1000.00	1100 162.59- 243.89	203.24	
Average of Peak Amounts =			1.03e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
6.247	6.247	0.000	308708 1000.00	1100 80.00- 120.00	100.00(M)	

Data File: of177910.d
 Report Date: 23-Sep-2011 10:50

AMOUNTS								
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
6.578	6.578	0.000	335392	1000.00	1000	86.92-	130.37	108.64
7.185	7.185	0.000	402386	1000.00	1000	104.28-	156.41	130.35
7.358	7.358	0.000	263912	1000.00	1100	68.39-	102.59	85.49
7.463	7.463	0.000	207012	1000.00	1100	53.65-	80.47	67.06
7.980	7.980	0.000	246578	1000.00	1100	63.90-	95.85	79.87
9.260	9.260	0.000	267280	1000.00	1000	69.26-	103.90	86.58
9.965	9.965	0.000	113591	1000.00	1000	29.44-	44.15	36.80
Average of Peak Amounts =					1.07e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.480	10.480	0.000	321080	100.000	96	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of177910.d

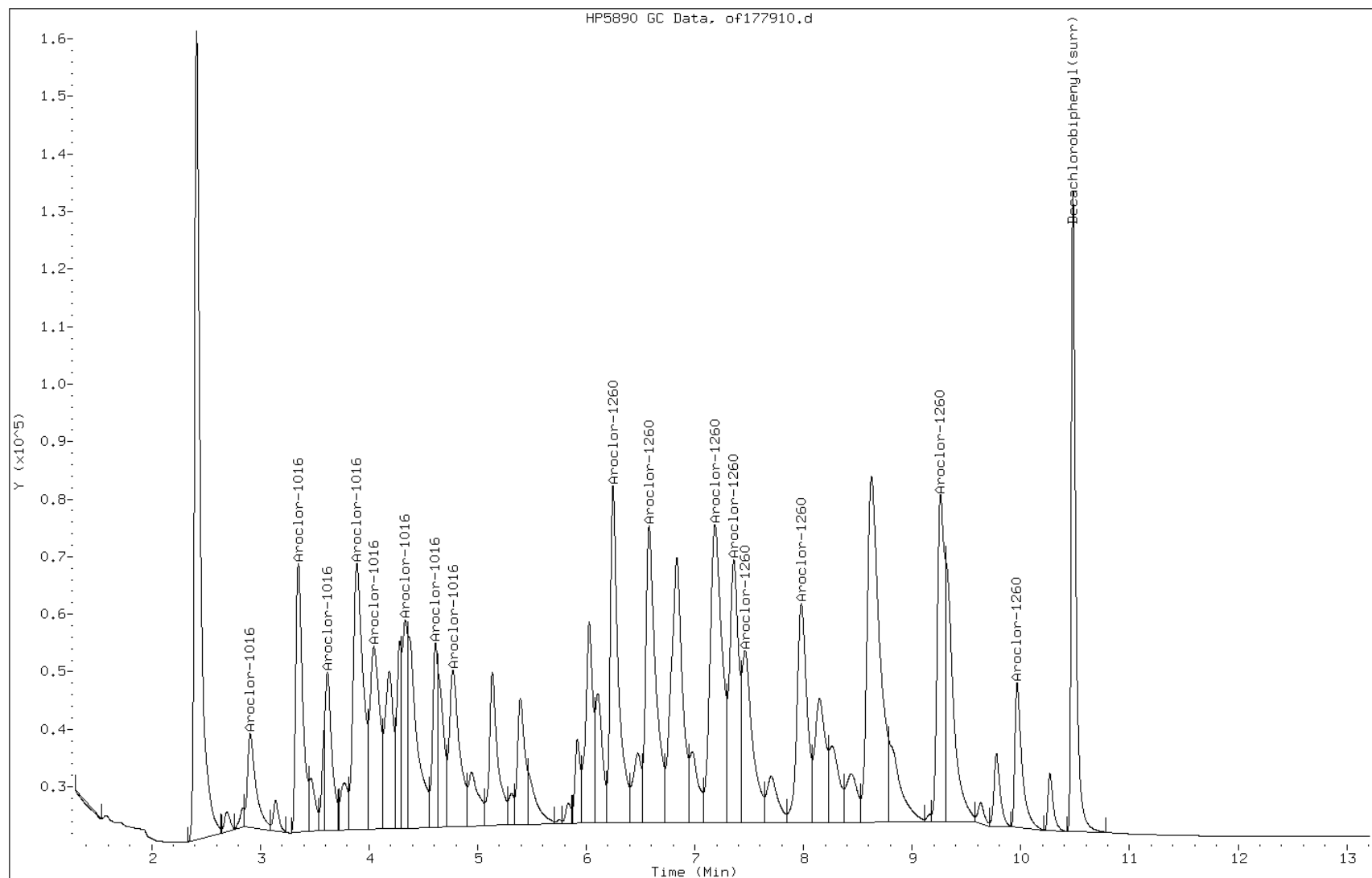
Date: 22-SEP-2011 13:39

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87099/2 Calibration Date: 09/22/2011 13:39
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177910.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	81.44	71.02		872	1000	-12.8	15.0
PCB-1016 Peak 2	Ave	149.9	146.4		976	1000	-2.4	15.0
PCB-1016 Peak 3	Ave	108.8	114.0		1050	1000	4.8	15.0
PCB-1016 Peak 4	Ave	297.6	245.3		824	1000	-17.6*	15.0
PCB-1016 Peak 5	Ave	116.3	114.7		986	1000	-1.4	15.0
PCB-1016 Peak 6	Ave	138.8	124.0		894	1000	-10.6	15.0
PCB-1016 Peak 7	Ave	122.4	123.8		1010	1000	1.2	15.0
PCB-1016 Peak 8	Ave	51.01	55.72		1090	1000	9.2	15.0
PCB-1260 Peak 1	Ave	185.4	199.1		1070	1000	7.4	15.0
PCB-1260 Peak 2	Ave	306.2	313.7		1020	1000	2.4	15.0
PCB-1260 Peak 3	Ave	269.0	252.3		938	1000	-6.2	15.0
PCB-1260 Peak 4	Ave	148.2	167.6		1130	1000	13.1	15.0
PCB-1260 Peak 5	Ave	133.1	130.9		984	1000	-1.6	15.0
PCB-1260 Peak 6	Ave	372.8	381.1		1020	1000	2.2	15.0
PCB-1260 Peak 7	Ave	152.5	174.6		1140	1000	14.5	15.0
PCB-1260 Peak 8	Ave	91.98	93.80		1020	1000	2.0	15.0
DCB Decachlorobiphenyl	Ave	3518	3643		104	100	3.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87099/2 Calibration Date: 09/22/2011 13:39
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177910.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.27	3.20	3.34
PCB-1016 Peak 6	3.47	3.40	3.54
PCB-1016 Peak 7	3.70	3.63	3.77
PCB-1016 Peak 8	3.81	3.74	3.88
PCB-1260 Peak 1	5.11	5.04	5.18
PCB-1260 Peak 2	5.47	5.40	5.54
PCB-1260 Peak 3	5.82	5.75	5.89
PCB-1260 Peak 4	5.94	5.87	6.01
PCB-1260 Peak 5	6.27	6.20	6.34
PCB-1260 Peak 6	6.75	6.68	6.82
PCB-1260 Peak 7	7.28	7.21	7.35
PCB-1260 Peak 8	8.61	8.55	8.69
DCB Decachlorobiphenyl	9.36	9.26	9.46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177910.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 22-SEP-2011 13:39
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
Meth Date : 23-Sep-2011 10:48 shanthi Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: or176825.d
Als bottle: 22 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.350	2.350	0.000	71019 1000.00	870 80.00- 120.00	100.00(M)	
2.665	2.665	0.000	146379 1000.00	980 175.17- 262.75	206.11	
2.853	2.853	0.000	114003 1000.00	1000 122.88- 184.32	160.52	
3.130	3.130	0.000	245298 1000.00	820 271.68- 407.52	345.40	
3.270	3.270	0.000	114707 1000.00	990 133.35- 200.03	161.52	
3.472	3.472	0.000	124048 1000.00	890 137.58- 206.38	174.67	
3.702	3.702	0.000	123843 1000.00	1000 135.49- 203.23	174.38	
3.812	3.812	0.000	55716 1000.00	1100 62.75- 94.13	78.45	
Average of Peak Amounts =			963			
27 Aroclor-1260			CAS #: 11096-82-5			
5.107	5.108	-0.001	199104 1000.00	1100 80.00- 120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.465	5.465	0.000	313686	1000.00	1000	120.75-	181.13	157.55	
5.820	5.820	0.000	252286	1000.00	940	99.37-	149.06	126.71	
5.938	5.938	0.000	167623	1000.00	1100	63.82-	95.74	84.19	
6.268	6.268	0.000	130891	1000.00	980	52.26-	78.40	65.74	
6.753	6.753	0.000	381076	1000.00	1000	155.46-	233.20	191.40	
7.280	7.280	0.000	174619	1000.00	1100	67.85-	101.77	87.70	
8.613	8.615	-0.002	93801	1000.00	1000	40.07-	60.11	47.11	
Average of Peak Amounts =					1.04e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.360	9.360	0.000	364293	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177910.d

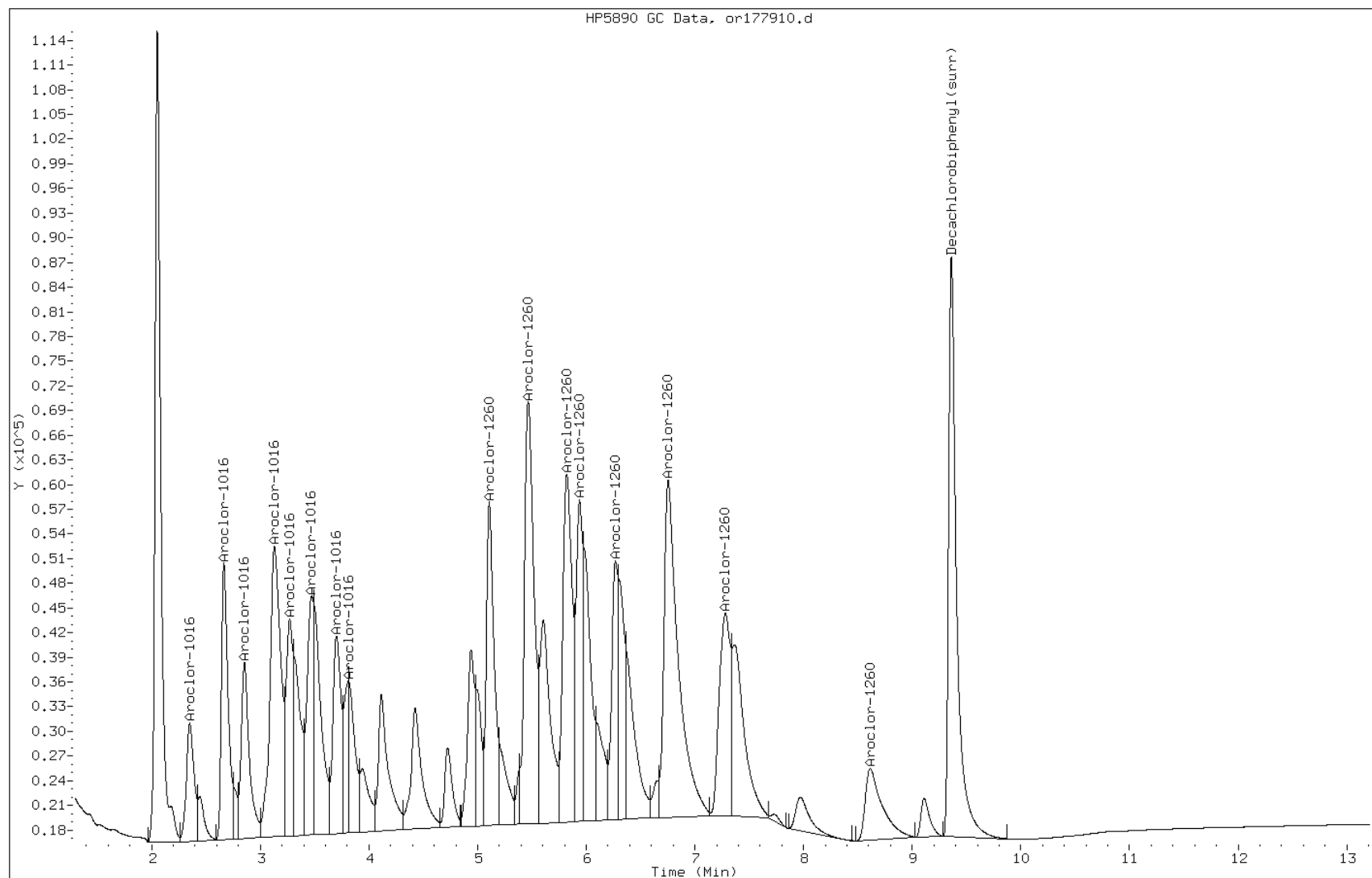
Date: 22-SEP-2011 13:39

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87099/14 Calibration Date: 09/22/2011 17:19
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177922.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	83.92	94.81		1130	1000	13.0	15.0
PCB-1016 Peak 2	Ave	206.5	208.7		1010	1000	1.1	15.0
PCB-1016 Peak 3	Ave	110.2	122.4		1110	1000	11.0	15.0
PCB-1016 Peak 4	Ave	321.8	298.4		927	1000	-7.3	15.0
PCB-1016 Peak 5	Ave	189.7	203.5		1070	1000	7.3	15.0
PCB-1016 Peak 6	Ave	121.7	128.3		1050	1000	5.4	15.0
PCB-1016 Peak 7	Ave	105.9	108.5		1020	1000	2.4	15.0
PCB-1016 Peak 8	Ave	161.2	177.1		1100	1000	9.8	15.0
PCB-1260 Peak 1	Ave	288.4	296.7		1030	1000	2.8	15.0
PCB-1260 Peak 2	Ave	318.7	323.7		1020	1000	1.6	15.0
PCB-1260 Peak 3	Ave	386.8	389.5		1010	1000	0.7	15.0
PCB-1260 Peak 4	Ave	237.9	250.3		1050	1000	5.2	15.0
PCB-1260 Peak 5	Ave	185.2	188.4		1020	1000	1.7	15.0
PCB-1260 Peak 6	Ave	224.7	223.5		995	1000	-0.5	15.0
PCB-1260 Peak 7	Ave	254.3	246.7		970	1000	-3.0	15.0
PCB-1260 Peak 8	Ave	112.9	119.8		1060	1000	6.1	15.0
DCB Decachlorobiphenyl	Ave	3335	3237		97.1	100	-2.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87099/14 Calibration Date: 09/22/2011 17:19
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: of177922.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.91	2.84	2.98
PCB-1016 Peak 2	3.35	3.28	3.42
PCB-1016 Peak 3	3.62	3.55	3.69
PCB-1016 Peak 4	3.89	3.82	3.96
PCB-1016 Peak 5	4.04	3.97	4.11
PCB-1016 Peak 6	4.33	4.26	4.40
PCB-1016 Peak 7	4.61	4.54	4.68
PCB-1016 Peak 8	4.77	4.70	4.84
PCB-1260 Peak 1	6.25	6.18	6.32
PCB-1260 Peak 2	6.58	6.51	6.65
PCB-1260 Peak 3	7.18	7.11	7.25
PCB-1260 Peak 4	7.36	7.29	7.43
PCB-1260 Peak 5	7.46	7.39	7.53
PCB-1260 Peak 6	7.98	7.91	8.05
PCB-1260 Peak 7	9.26	9.19	9.33
PCB-1260 Peak 8	9.97	9.90	10.04
DCB Decachlorobiphenyl	10.48	10.38	10.58

Data File: of177922.d
Report Date: 23-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177922.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 22-SEP-2011 17:19
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
Meth Date : 23-Sep-2011 10:51 shanthi Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 34 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL - AMT (ug/L)	ON - COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.907	2.907	0.000	94811	1000.00	1100	80.00-	120.00	100.00(M)
3.348	3.348	0.000	208733	1000.00	1000	176.13-	264.19	220.16
3.618	3.618	0.000	122370	1000.00	1100	103.25-	154.88	129.07
3.887	3.887	0.000	298417	1000.00	930	251.80-	377.70	314.75
4.043	4.043	0.000	203492	1000.00	1100	171.70-	257.55	214.63
4.332	4.332	0.000	128250	1000.00	1000	108.22-	162.32	135.27
4.612	4.612	0.000	108487	1000.00	1000	91.54-	137.31	114.42
4.772	4.772	0.000	177110	1000.00	1100	149.44-	224.16	186.80
Average of Peak Amounts =					1.05e+03			

27 Aroclor-1260					CAS #: 11096-82-5			
6.245	6.245	0.000	296651	1000.00	1000	80.00-	120.00	100.00(M)

Data File: of177922.d
 Report Date: 23-Sep-2011 10:51

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.577	6.577	0.000	323693	1000.00	1000	87.29-	130.94	109.12	
7.183	7.183	0.000	389531	1000.00	1000	105.05-	157.57	131.31	
7.358	7.358	0.000	250257	1000.00	1000	67.49-	101.23	84.36	
7.462	7.462	0.000	188428	1000.00	1000	50.81-	76.22	63.52	
7.978	7.978	0.000	223521	1000.00	990	60.28-	90.42	75.35	
9.260	9.260	0.000	246725	1000.00	970	66.54-	99.80	83.17	
9.965	9.965	0.000	119790	1000.00	1100	32.30-	48.46	40.38	
Average of Peak Amounts =					1.02e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.480	10.480	0.000	323686	100.000	97	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of177922.d

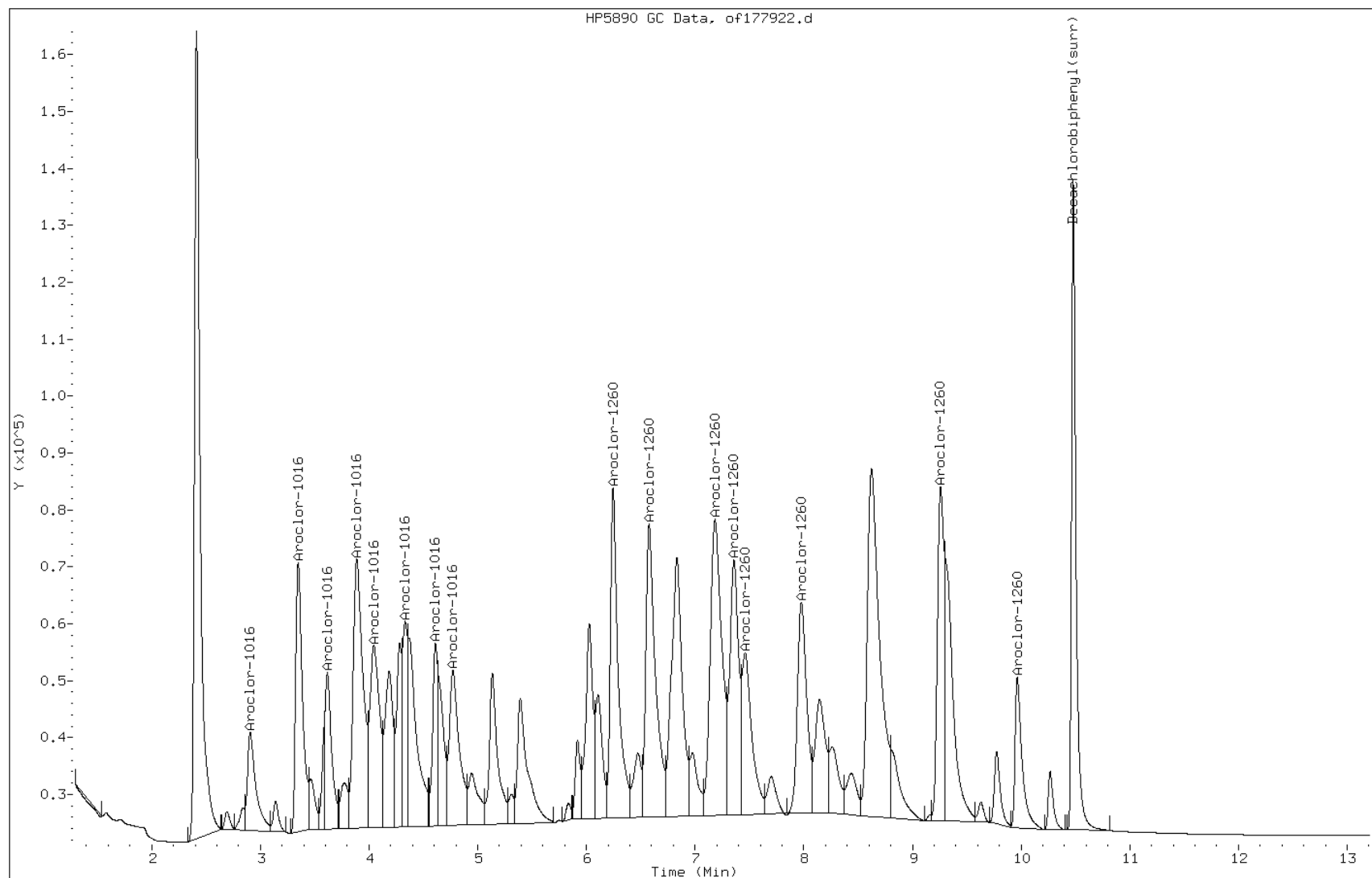
Date: 22-SEP-2011 17:19

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87099/14 Calibration Date: 09/22/2011 17:19
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177922.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	81.44	73.23		899	1000	-10.1	15.0
PCB-1016 Peak 2	Ave	149.9	160.3		1070	1000	6.9	15.0
PCB-1016 Peak 3	Ave	108.8	112.5		1030	1000	3.4	15.0
PCB-1016 Peak 4	Ave	297.6	248.7		836	1000	-16.4*	15.0
PCB-1016 Peak 5	Ave	116.3	122.1		1050	1000	5.0	15.0
PCB-1016 Peak 6	Ave	138.8	125.9		907	1000	-9.3	15.0
PCB-1016 Peak 7	Ave	122.4	124.0		1010	1000	1.3	15.0
PCB-1016 Peak 8	Ave	51.01	57.44		1130	1000	12.6	15.0
PCB-1260 Peak 1	Ave	185.4	205.0		1110	1000	10.6	15.0
PCB-1260 Peak 2	Ave	306.2	309.5		1010	1000	1.1	15.0
PCB-1260 Peak 3	Ave	269.0	254.7		947	1000	-5.3	15.0
PCB-1260 Peak 4	Ave	148.2	163.6		1100	1000	10.4	15.0
PCB-1260 Peak 5	Ave	133.1	134.0		1010	1000	0.7	15.0
PCB-1260 Peak 6	Ave	372.8	398.5		1070	1000	6.9	15.0
PCB-1260 Peak 7	Ave	152.5	173.9		1140	1000	14.0	15.0
PCB-1260 Peak 8	Ave	91.98	102.7		1120	1000	11.7	15.0
DCB Decachlorobiphenyl	Ave	3518	3722		106	100	5.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87099/14 Calibration Date: 09/22/2011 17:19
 Instrument ID: PESTGC7 Calib Start Date: 08/29/2011 09:29
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/29/2011 10:51
 Lab File ID: or177922.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	2.85	2.78	2.92
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.27	3.20	3.34
PCB-1016 Peak 6	3.47	3.40	3.54
PCB-1016 Peak 7	3.70	3.63	3.77
PCB-1016 Peak 8	3.81	3.74	3.88
PCB-1260 Peak 1	5.11	5.04	5.18
PCB-1260 Peak 2	5.47	5.40	5.54
PCB-1260 Peak 3	5.82	5.75	5.89
PCB-1260 Peak 4	5.94	5.87	6.01
PCB-1260 Peak 5	6.27	6.20	6.34
PCB-1260 Peak 6	6.75	6.68	6.82
PCB-1260 Peak 7	7.28	7.21	7.35
PCB-1260 Peak 8	8.62	8.55	8.69
DCB Decachlorobiphenyl	9.36	9.26	9.46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177922.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 22-SEP-2011 17:19
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
Meth Date : 23-Sep-2011 10:48 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 34
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.350	2.350	0.000	73226 1000.00	900 80.00- 120.00	100.00(M)	
2.665	2.665	0.000	160333 1000.00	1100 175.17- 262.75	218.96	
2.853	2.853	0.000	112476 1000.00	1000 122.88- 184.32	153.60	
3.130	3.130	0.000	248673 1000.00	840 271.68- 407.52	339.60	
3.270	3.270	0.000	122063 1000.00	1000 133.35- 200.03	166.69	
3.472	3.472	0.000	125934 1000.00	910 137.58- 206.38	171.98	
3.702	3.702	0.000	124017 1000.00	1000 135.49- 203.23	169.36	
3.812	3.812	0.000	57437 1000.00	1100 62.75- 94.13	78.44	
Average of Peak Amounts =			992			
27 Aroclor-1260			CAS #: 11096-82-5			
5.108	5.108	0.000	205039 1000.00	1100 80.00- 120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.465	5.465	0.000	309491	1000.00	1000	120.75-	181.13	150.94	
5.820	5.820	0.000	254689	1000.00	950	99.37-	149.06	124.21	
5.938	5.938	0.000	163580	1000.00	1100	63.82-	95.74	79.78	
6.268	6.268	0.000	133951	1000.00	1000	52.26-	78.40	65.33	
6.753	6.753	0.000	398453	1000.00	1100	155.46-	233.20	194.33	
7.280	7.280	0.000	173898	1000.00	1100	67.85-	101.77	84.81	
8.615	8.615	0.000	102711	1000.00	1100	40.07-	60.11	50.09	
Average of Peak Amounts =					1.06e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.360	9.360	0.000	372205	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177922.d

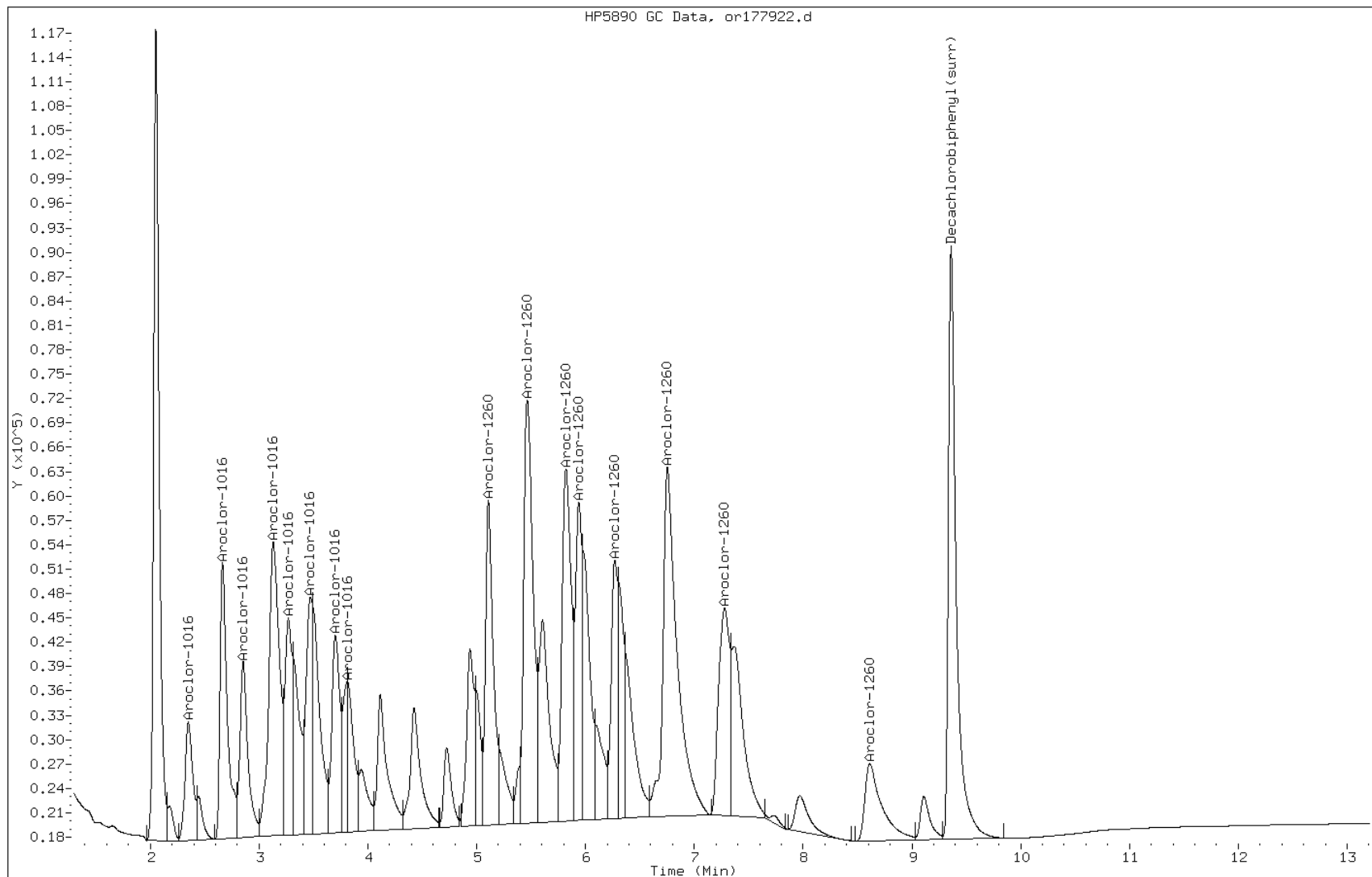
Date: 22-SEP-2011 17:19

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-86701/1-A
Matrix: Water Lab File ID: of177829.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
Sample wt/vol: 1000 (mL) Date Analyzed: 09/21/2011 01:13
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 86903 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177829.d
Lab Smp Id: MB 460-86701/1-A
Inj Date : 21-SEP-2011 01:13
Operator : 615
Smp Info : MB 460-86701/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.478	10.477	0.001	321777	96.4847	0.48	80.00- 120.00	100.00		

Data File: of177829.d

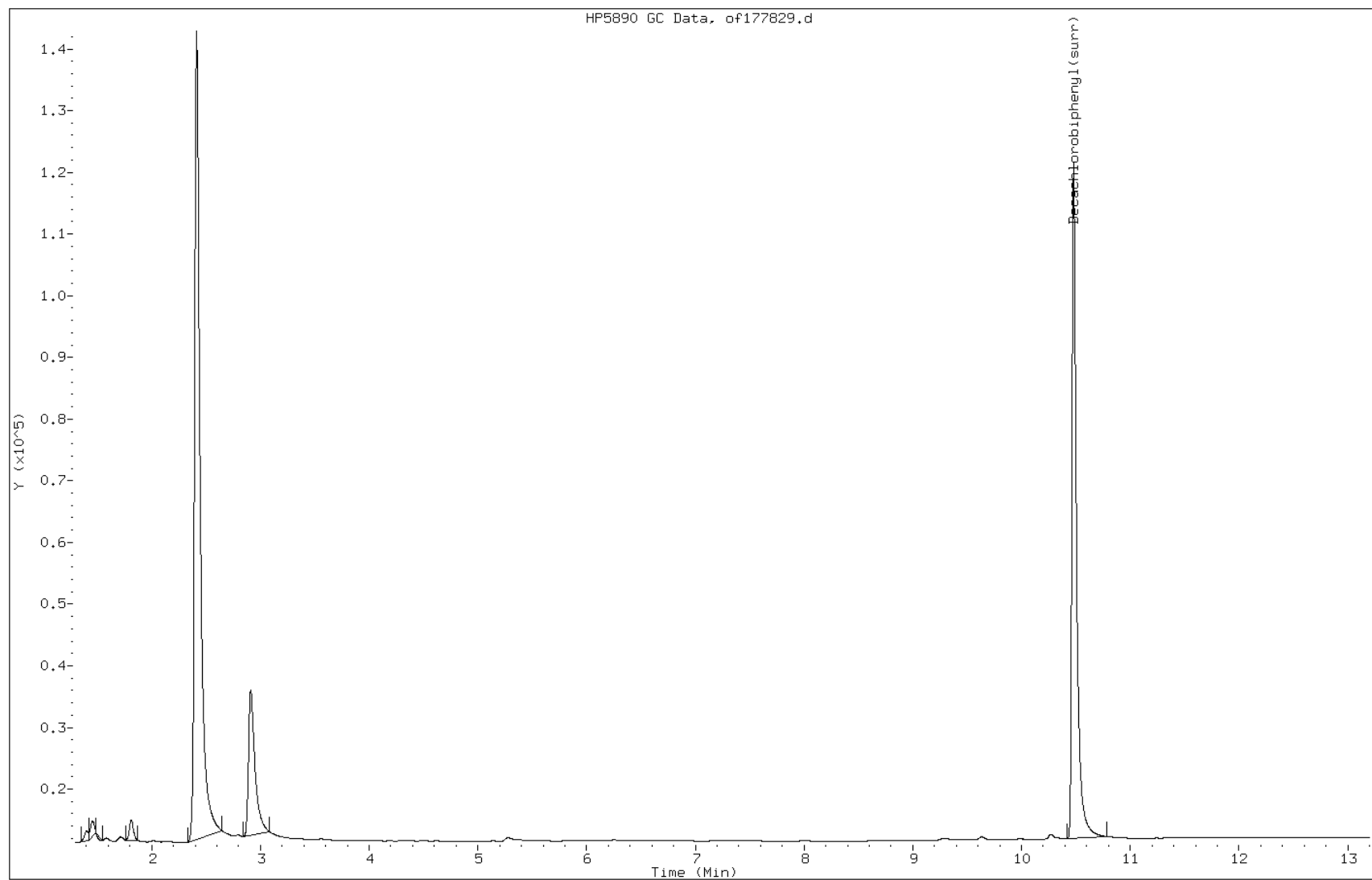
Date: 21-SEP-2011 01:13

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-86701/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-86701/1-A
 Matrix: Water Lab File ID: or177829.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/21/2011 01:13
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		37-150

Data File: or177829.d
Report Date: 21-Sep-2011 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177829.d
Lab Smp Id: MB 460-86701/1-A
Inj Date : 21-SEP-2011 01:13
Operator : 615
Smp Info : MB 460-86701/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.358	9.350	0.008	364953	103.749	0.52	80.00-	120.00	100.00	

Data File: or177829.d

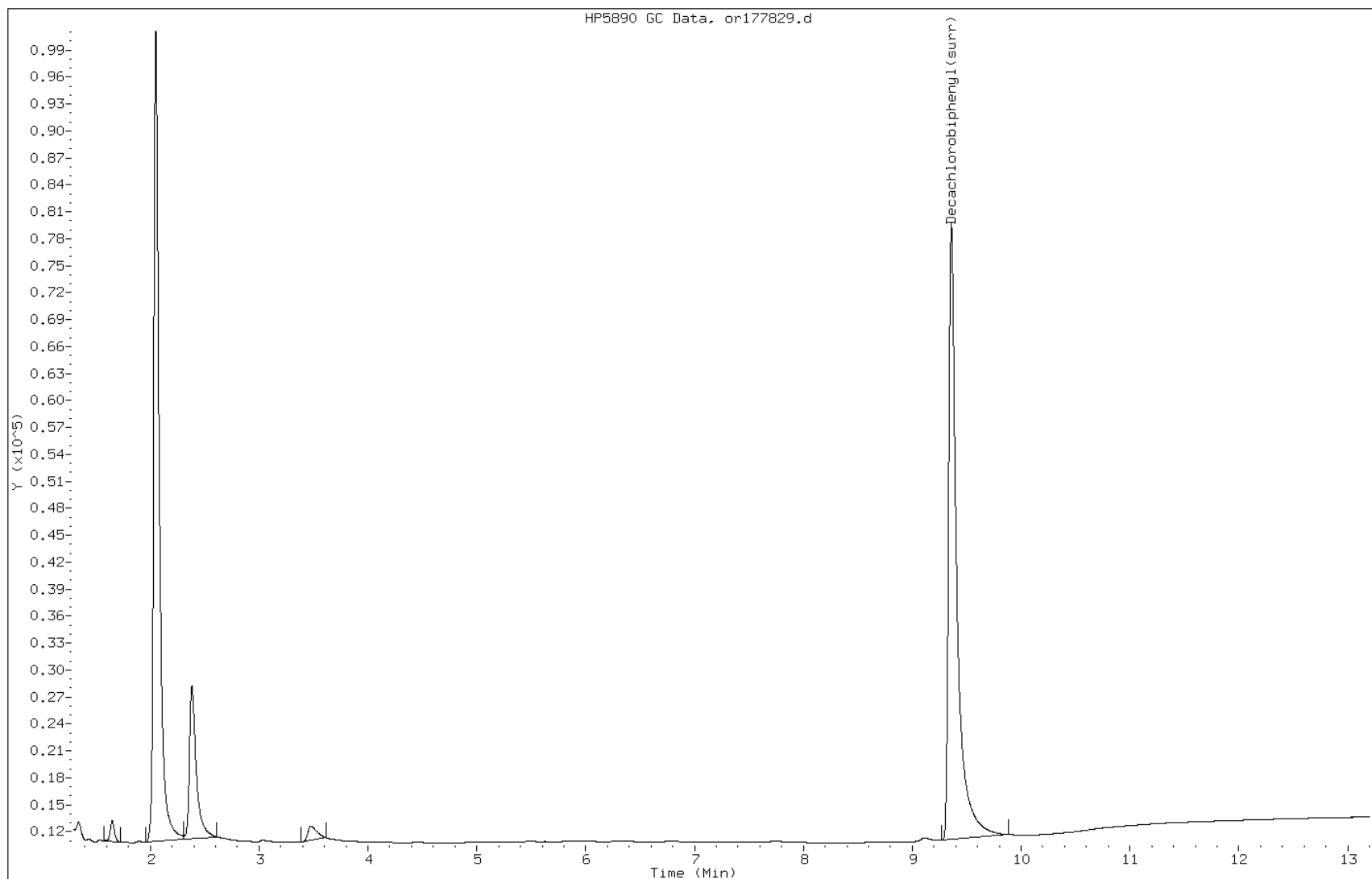
Date: 21-SEP-2011 01:13

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-86701/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-86756/1-A
Matrix: Water Lab File ID: of177913.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/21/2011 07:54
Sample wt/vol: 1000 (mL) Date Analyzed: 09/22/2011 14:53
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87099 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	52		37-150

Data File: of177913.d
Report Date: 23-Sep-2011 10:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177913.d
Lab Smp Id: MB 460-86756/1-A
Inj Date : 22-SEP-2011 14:53
Operator : 615
Smp Info : MB 460-86756/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
Meth Date : 23-Sep-2011 10:50 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.483	10.480	0.003	174463	52.3127	0.26	80.00-	120.00	100.00	

Data File: of177913.d

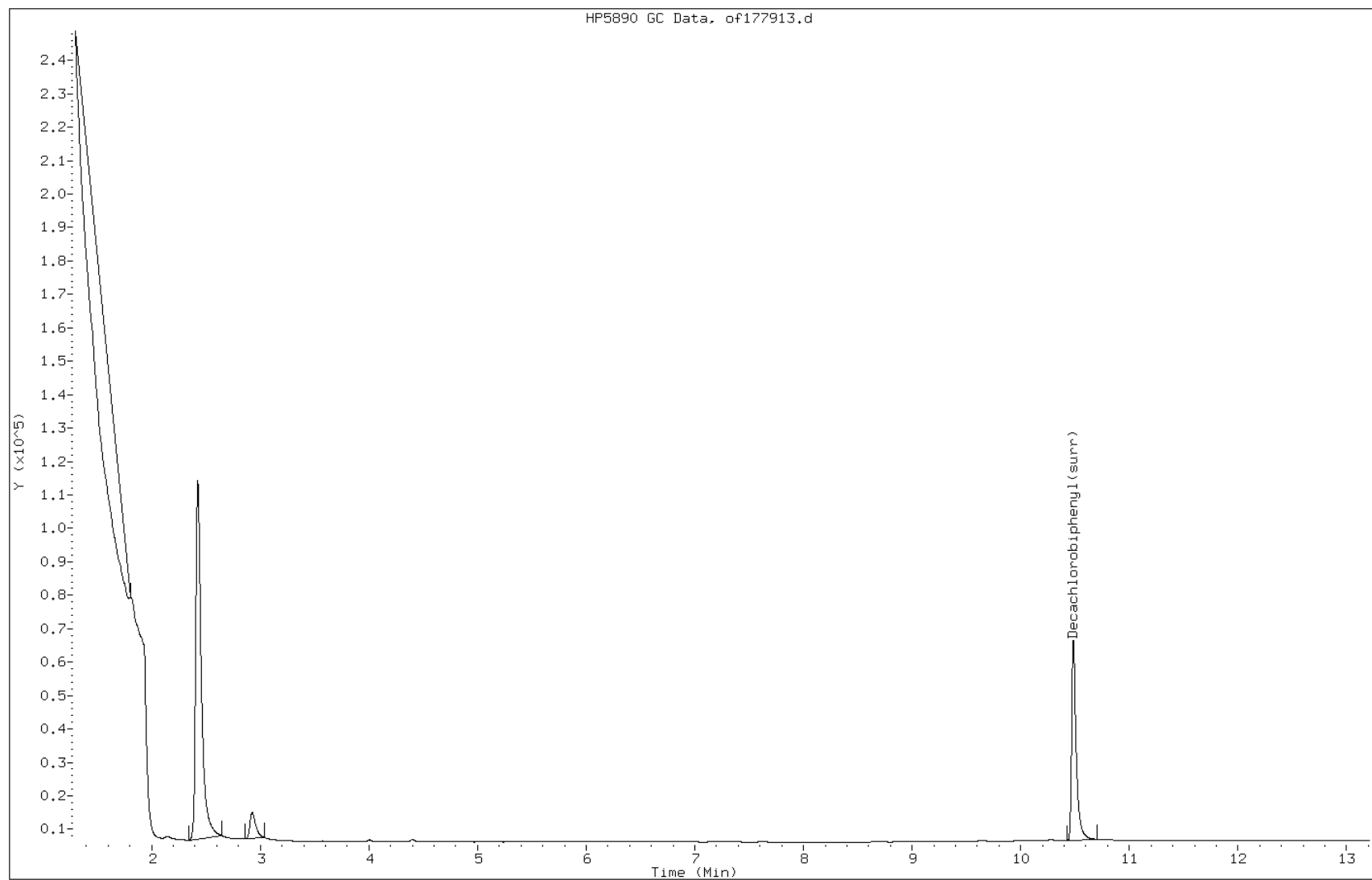
Date: 22-SEP-2011 14:53

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-86756/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-86756/1-A
 Matrix: Water Lab File ID: or177913.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/21/2011 07:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/22/2011 14:53
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177913.d
Lab Smp Id: MB 460-86756/1-A
Inj Date : 22-SEP-2011 14:53
Operator : 615
Smp Info : MB 460-86756/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
Meth Date : 23-Sep-2011 10:48 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.363	9.360	0.003	195058	55.4509	0.28 80.00- 120.00	100.00			

Data File: or177913.d

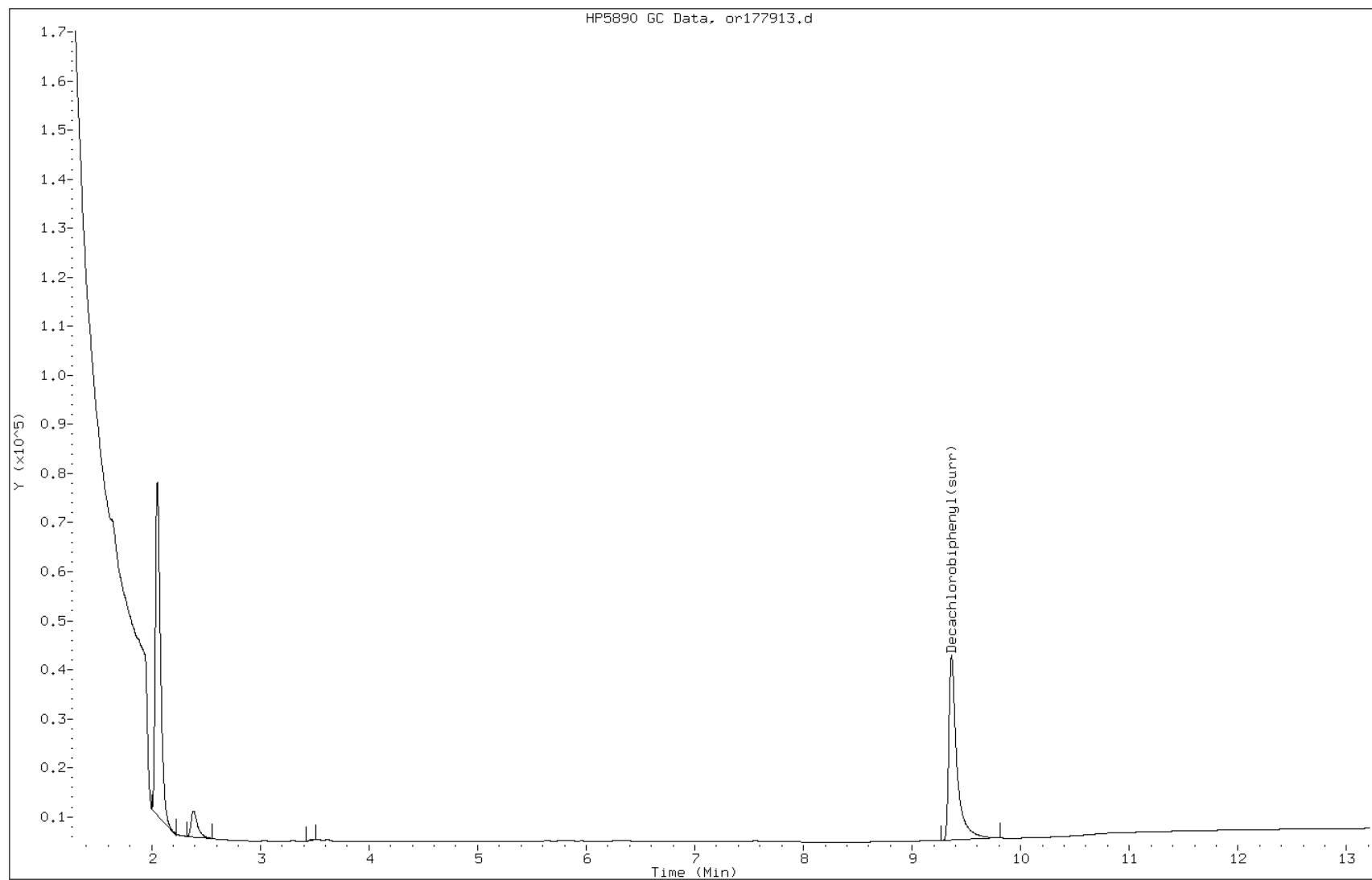
Date: 22-SEP-2011 14:53

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-86756/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-86903/1
 Matrix: Water Lab File ID: of177827.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/21/2011 00:33
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177827.d
Lab Smp Id: sgpiblk_00008
Inj Date : 21-SEP-2011 00:33
Operator : 615
Smp Info : sgpiblk_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.480	10.477	0.003	90891 27.2536	18	80.00- 120.00	100.00

Data File: of177827.d

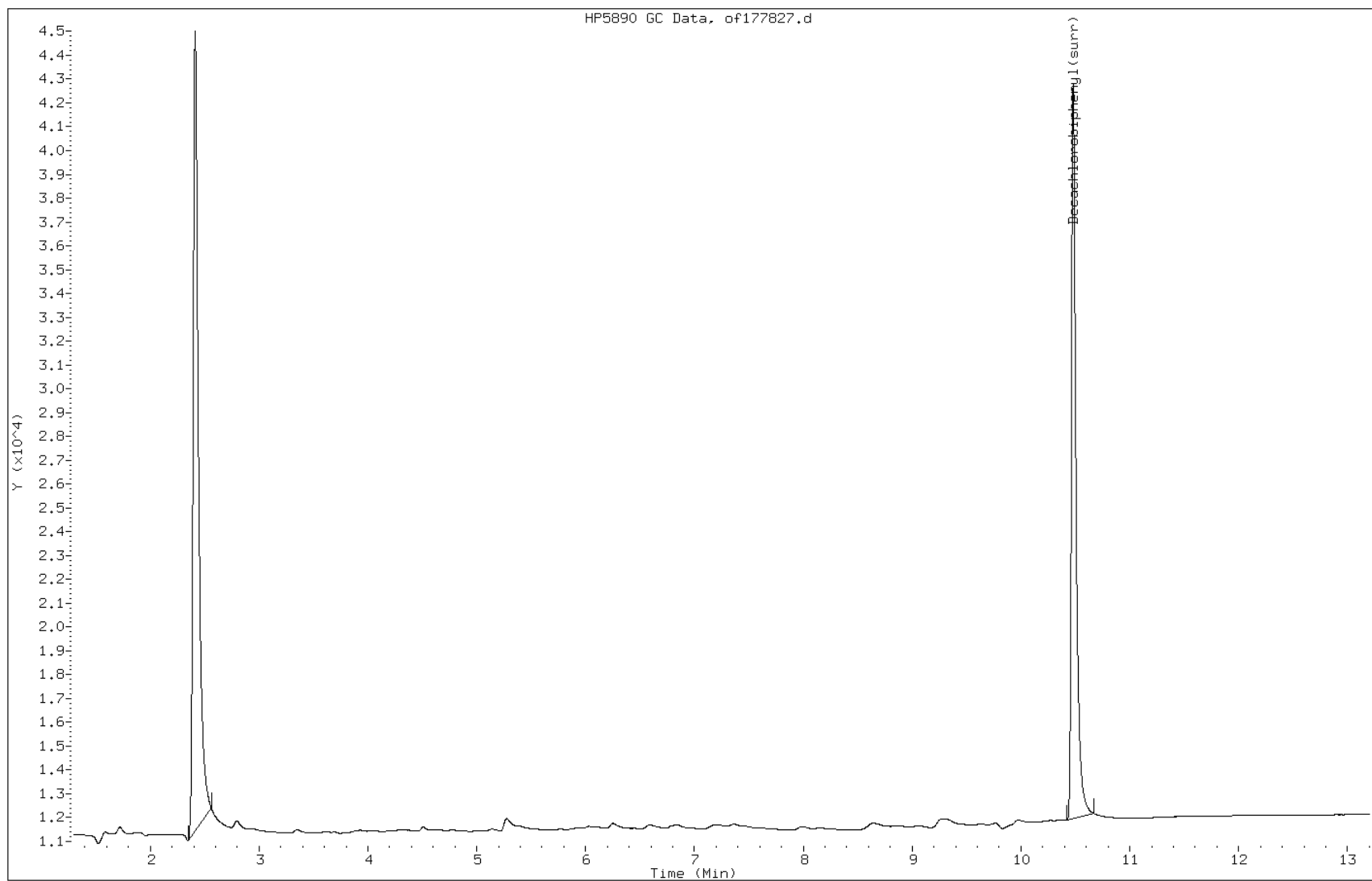
Date: 21-SEP-2011 00:33

Client ID:

Instrument: PESTGC7.i

Sample Info: sgpiblk_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-86903/1
 Matrix: Water Lab File ID: or177827.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/21/2011 00:33
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		37-150

Data File: or177827.d
Report Date: 21-Sep-2011 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177827.d
Lab Smp Id: sgpiblk_00008
Inj Date : 21-SEP-2011 00:33
Operator : 615
Smp Info : sgpiblk_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.358	9.350	0.008	96775 27.5111	18	80.00- 120.00	100.00

Data File: or177827.d

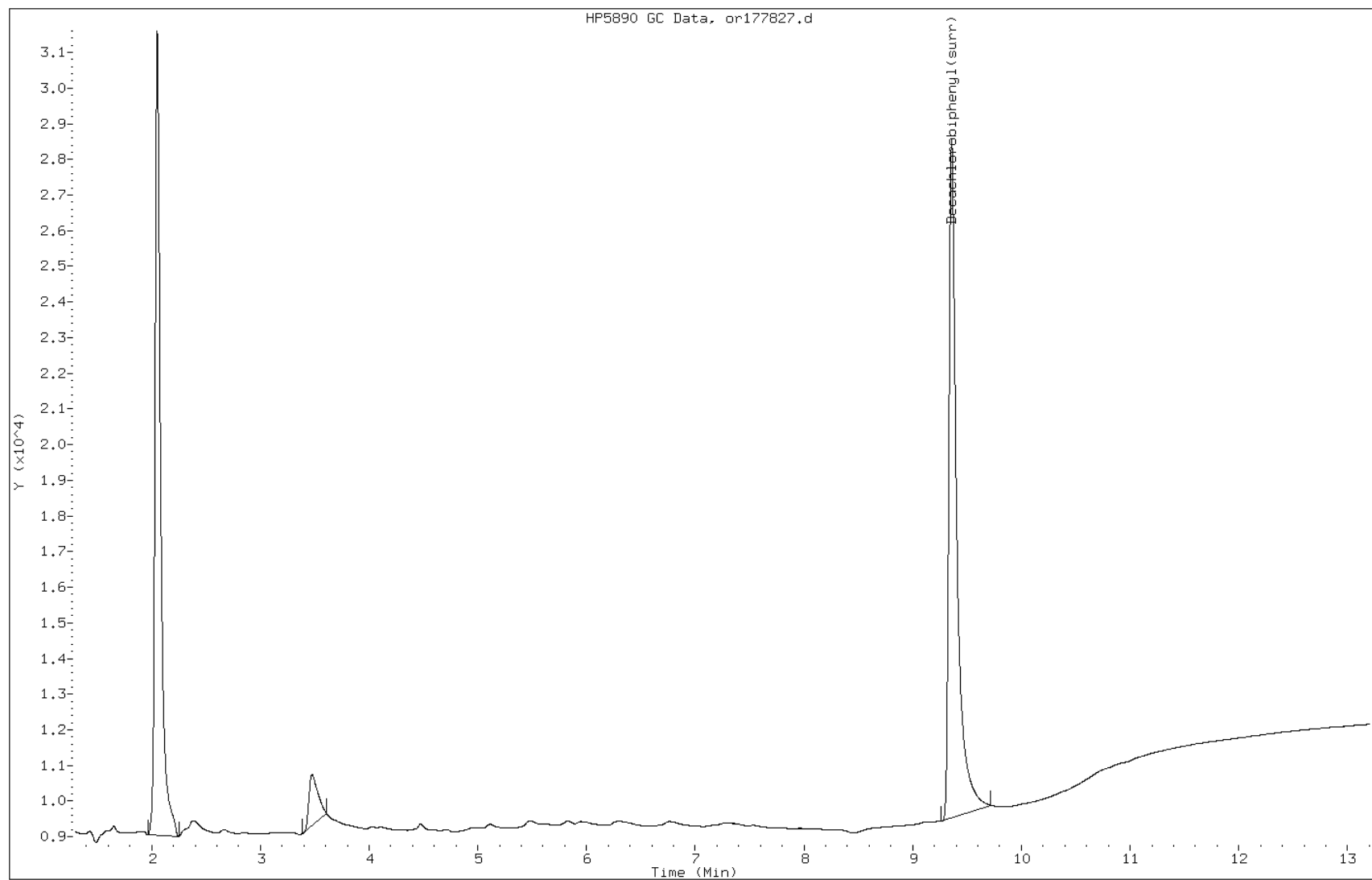
Date: 21-SEP-2011 00:33

Client ID:

Instrument: PESTGC7.i

Sample Info: sgpiblk_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-86903/10
 Matrix: Water Lab File ID: of177836.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/21/2011 03:08
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177836.d
Lab Smp Id: sgpiblk_00008
Inj Date : 21-SEP-2011 03:08
Operator : 615
Smp Info : sgpiblk_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 46
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.473	10.477	-0.004	83607 25.0695	17	80.00- 120.00	100.00

Data File: of177836.d

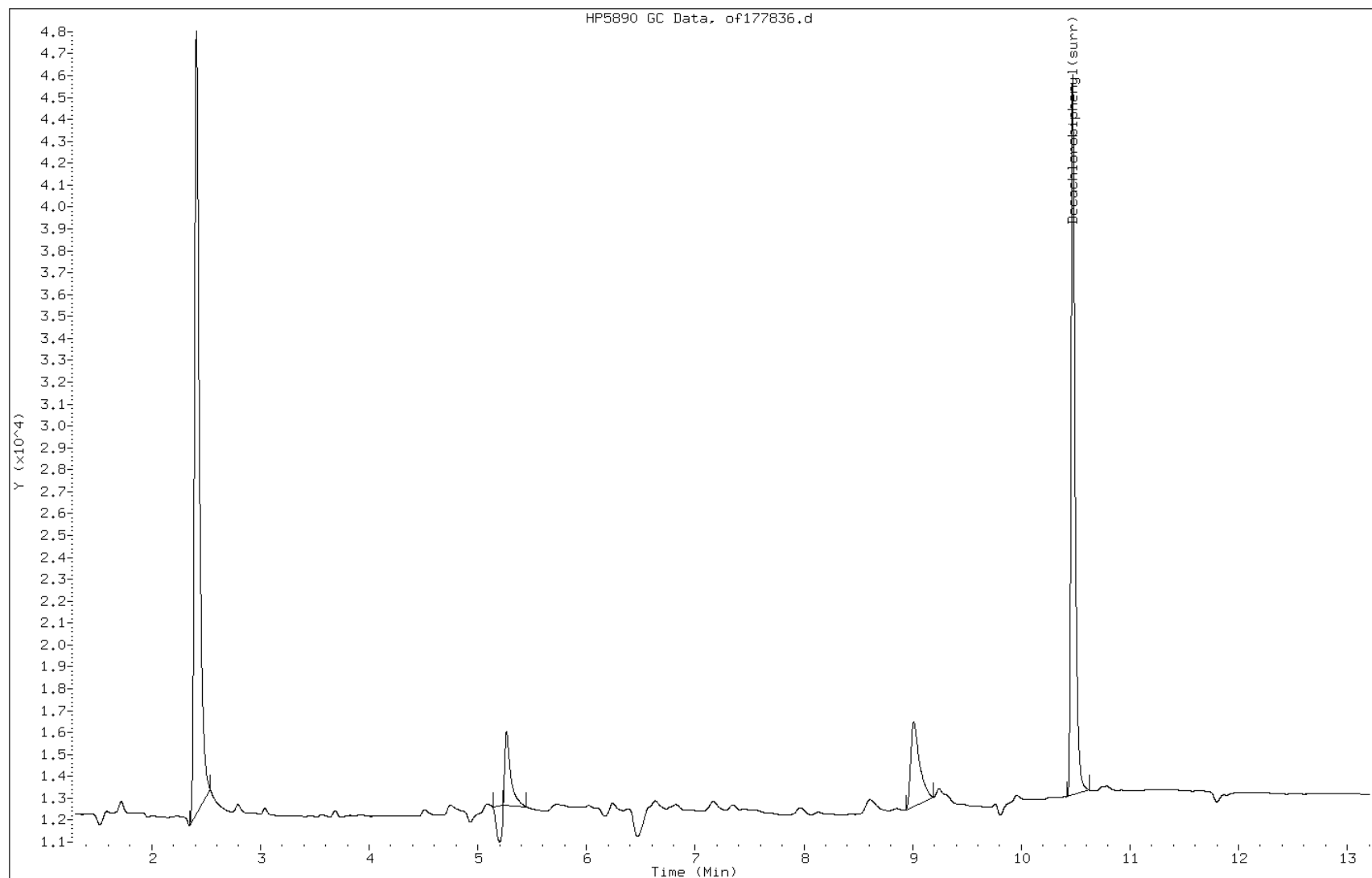
Date: 21-SEP-2011 03:08

Client ID:

Instrument: PESTGC7.i

Sample Info: sgpiblk_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-86903/10
 Matrix: Water Lab File ID: or177836.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/21/2011 03:08
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		37-150

Data File: or177836.d
Report Date: 21-Sep-2011 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177836.d
Lab Smp Id: sgpiblk_00008
Inj Date : 21-SEP-2011 03:08
Operator : 615
Smp Info : sgpiblk_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 46
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.345	9.350	-0.005	93013 26.4417	18	80.00- 120.00	100.00

Data File: or177836.d

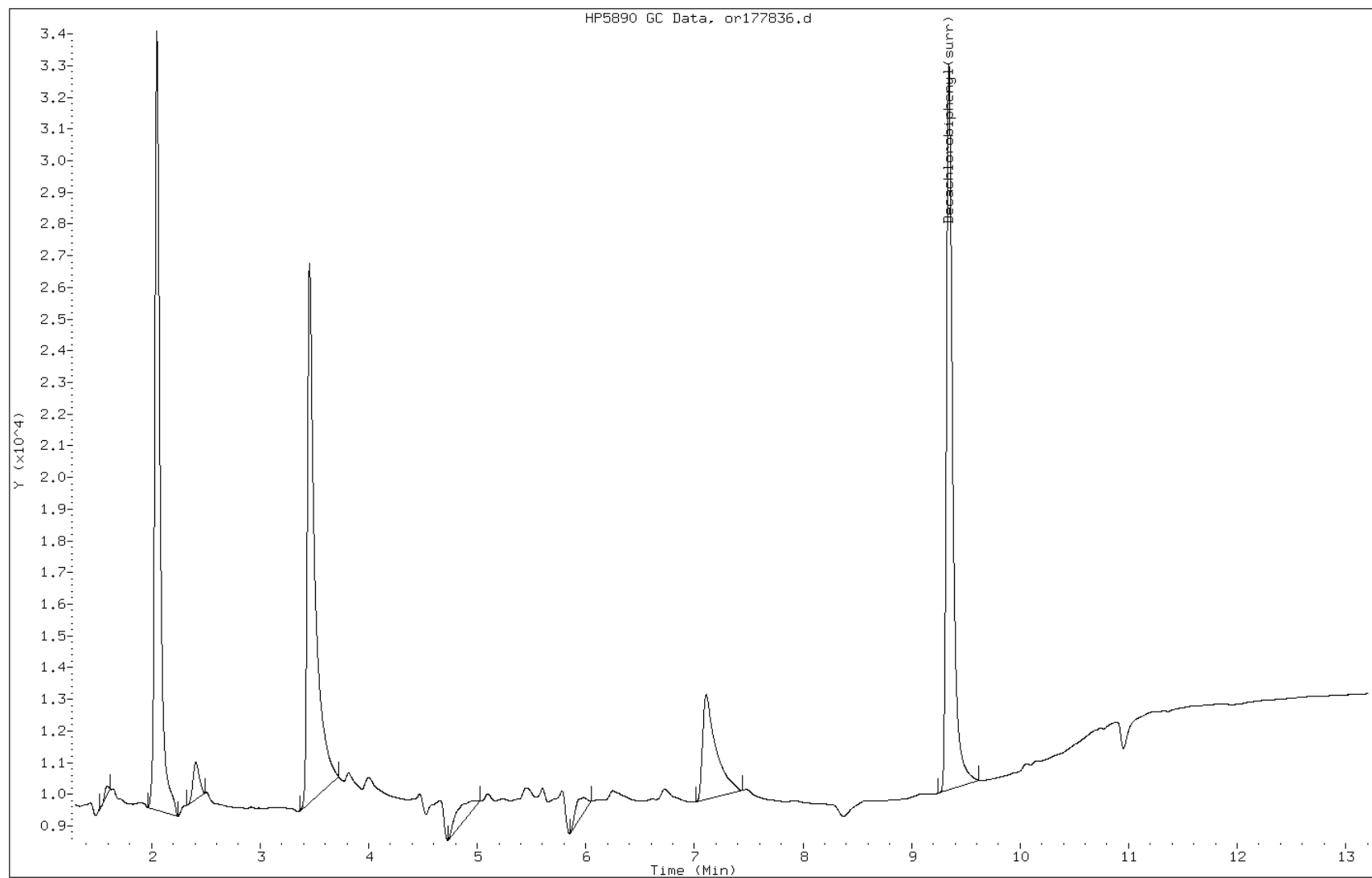
Date: 21-SEP-2011 03:08

Client ID:

Instrument: PESTGC7.i

Sample Info: sgpiblk_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87099/1
 Matrix: Water Lab File ID: of177909.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 13:23
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		37-150

Data File: of177909.d
Report Date: 23-Sep-2011 10:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177909.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 13:23
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
Meth Date : 23-Sep-2011 10:49 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.483	10.480	0.003	85290 25.5742	130	80.00- 120.00	100.00

Data File: of177909.d

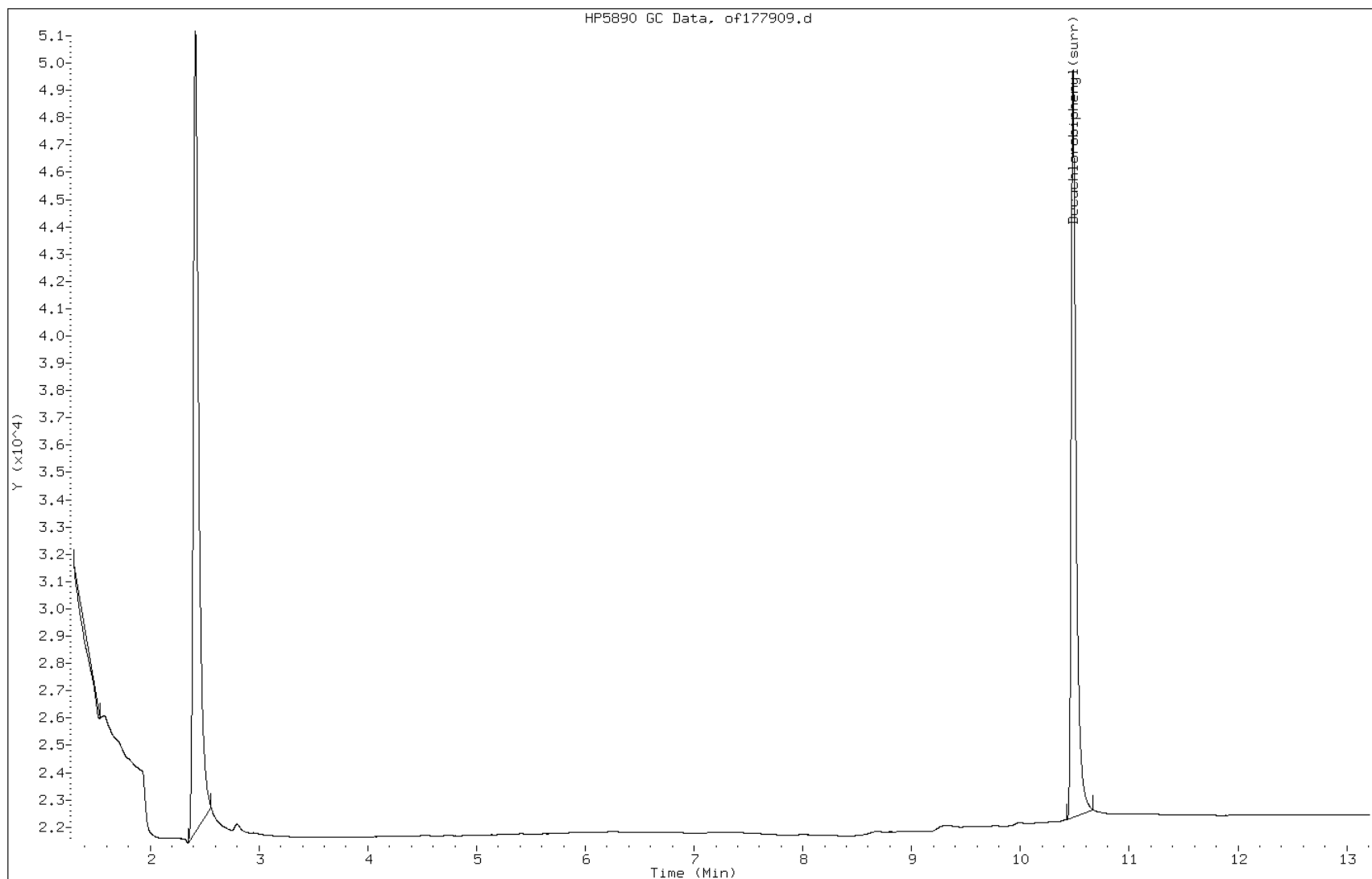
Date: 22-SEP-2011 13:23

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87099/1
 Matrix: Water Lab File ID: or177909.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 13:23
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177909.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 13:23
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
Meth Date : 23-Sep-2011 10:48 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.368	9.360	0.008	92156 26.1980	130	80.00- 120.00	100.00

Data File: or177909.d

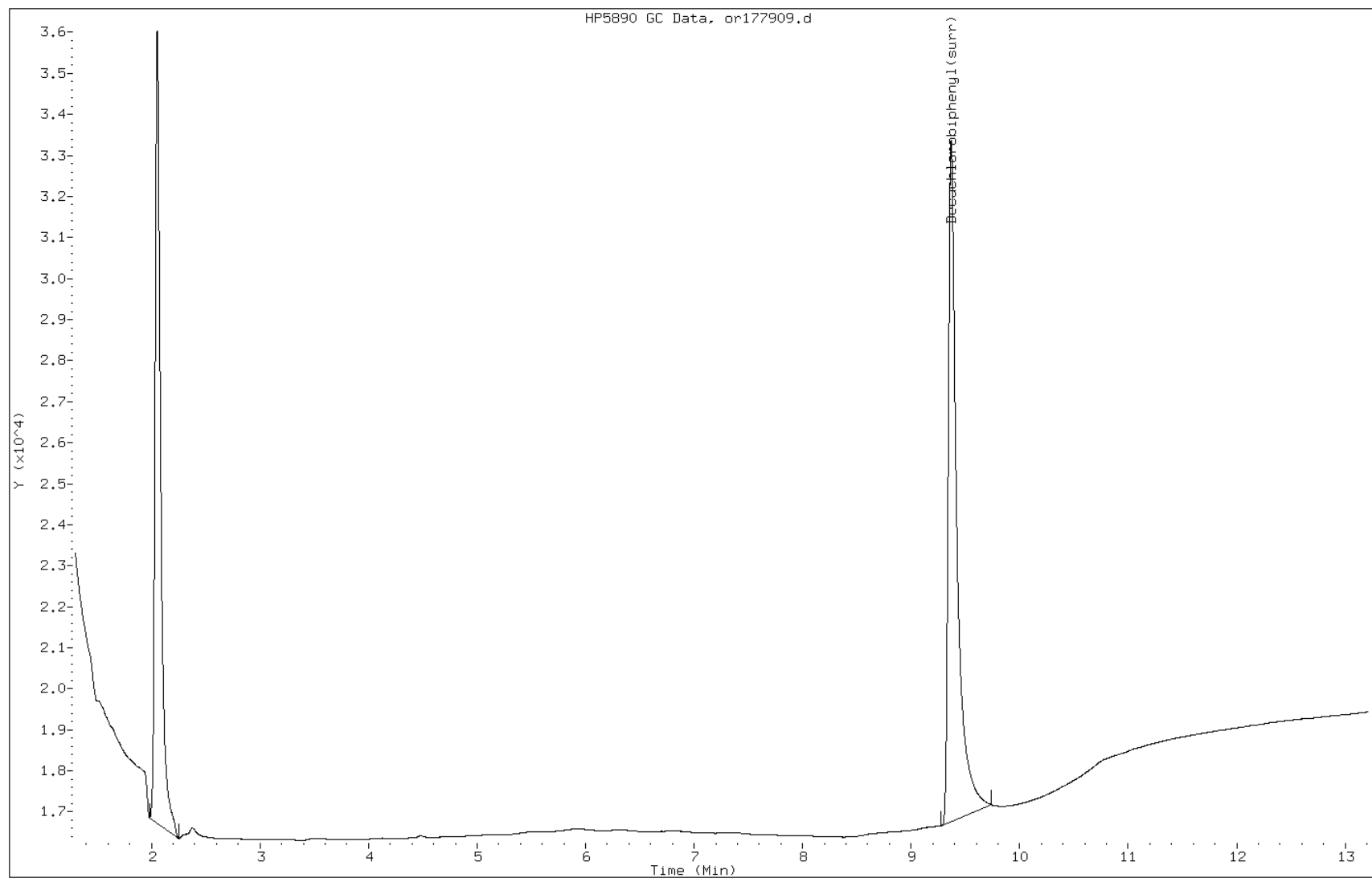
Date: 22-SEP-2011 13:23

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87099/13
 Matrix: Water Lab File ID: of177921.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 17:02
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		37-150

Data File: of177921.d
Report Date: 23-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177921.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 17:02
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
Meth Date : 23-Sep-2011 10:50 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 33
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.482	10.480	0.002	83422 25.0141	120	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: of177921.d

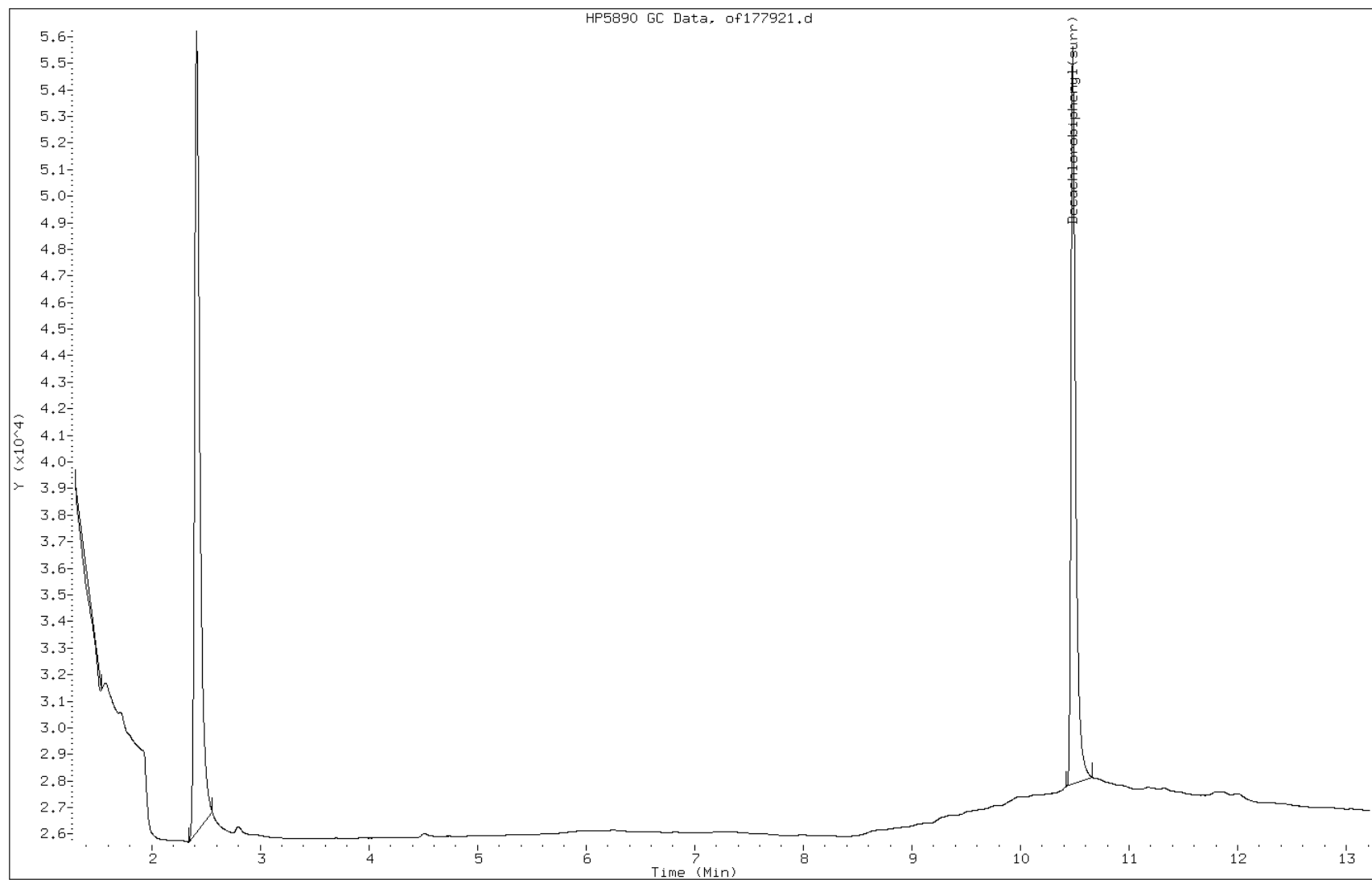
Date: 22-SEP-2011 17:02

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87099/13
 Matrix: Water Lab File ID: or177921.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 17:02
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177921.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 17:02
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
Meth Date : 23-Sep-2011 10:48 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 33
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	2.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.367	9.360	0.007	90058 25.6016	130	80.00- 120.00	100.00

Data File: or177921.d

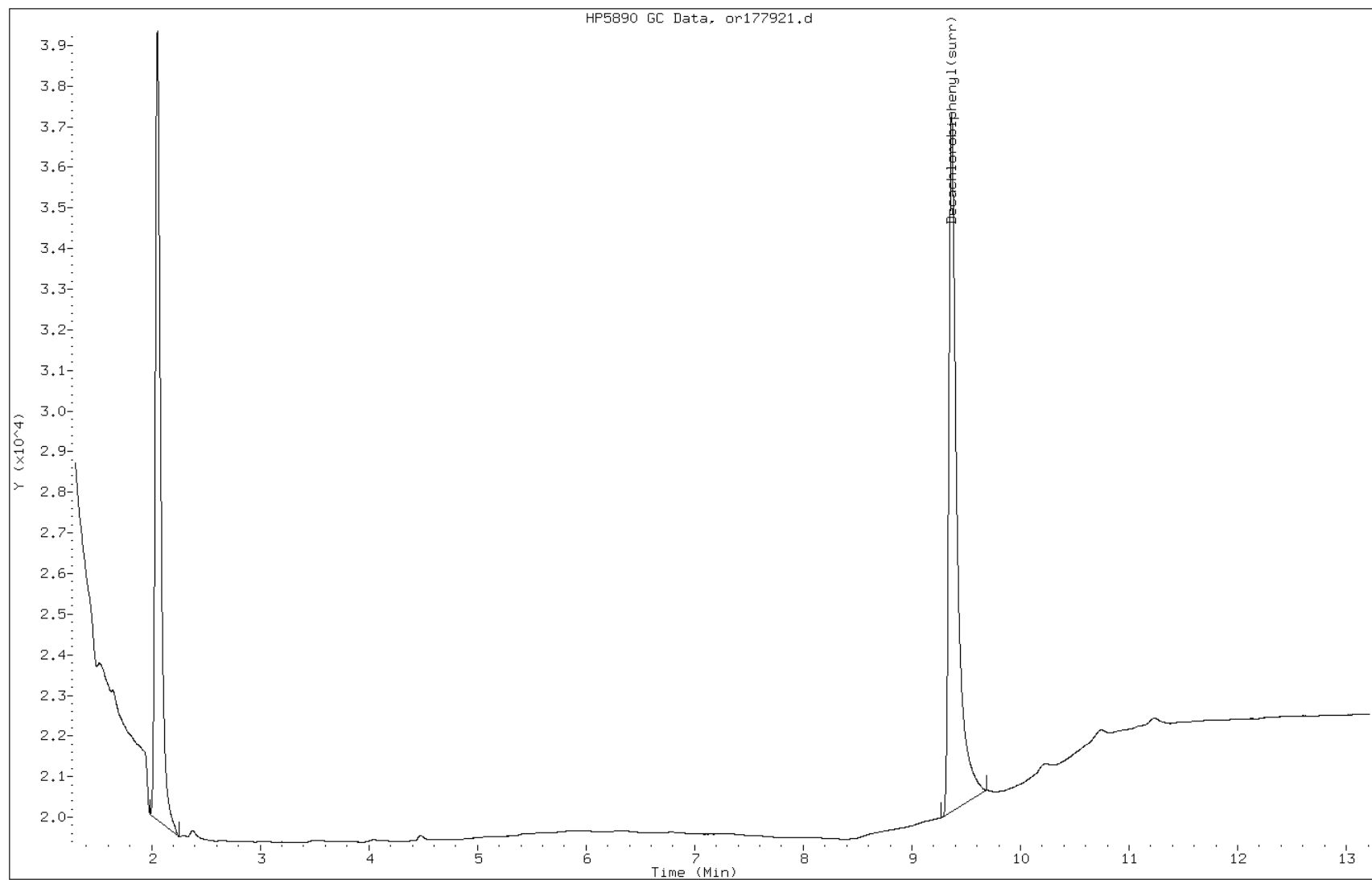
Date: 22-SEP-2011 17:02

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86701/2-A
 Matrix: Water Lab File ID: of177830.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/21/2011 01:29
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.89		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	5.45		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		37-150

Data File: of177830.d
 Report Date: 21-Sep-2011 13:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177830.d
 Lab Smp Id: LCS 460-86701/2-A
 Inj Date : 21-SEP-2011 01:29
 Operator : 615
 Smp Info : LCS 460-86701/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
 Meth Date : 20-Sep-2011 08:59 sita
 Cal Date : 29-AUG-2011 12:45
 Als bottle: 82
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of176825.d
 QC Sample: BS
 Compound Sublist: AllPCB.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.902	2.903	-0.001	93180	1110.37	5.6	80.00-	120.00	100.00(M)
3.343	3.347	-0.004	231224	1119.79	5.6	193.22-	289.83	248.15
3.613	3.617	-0.004	139001	1261.03	6.3	114.05-	171.08	149.17
3.880	3.882	-0.002	346268	1076.01	5.4	289.86-	434.80	371.61
4.038	4.040	-0.002	229718	1210.99	6.0	186.78-	280.17	246.53
4.327	4.330	-0.003	139438	1145.91	5.7	108.10-	162.15	149.64
4.605	4.608	-0.003	131908	1245.55	6.2	111.70-	167.55	141.56
4.767	4.768	-0.001	203256	1260.51	6.3	161.35-	242.03	218.13
Average of Peak Concentrations =					5.9			

27 Aroclor-1260					CAS #: 11096-82-5			
6.240	6.242	-0.002	314689	1090.98	5.4	80.00-	120.00	100.00(M)
6.572	6.570	0.002	344885	1082.31	5.4	89.75-	134.63	109.60

Data File: of177830.d
 Report Date: 21-Sep-2011 13:32

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.177	7.177	0.000	420705	1087.77	5.4	112.26-	168.39	133.69	
7.352	7.352	0.000	268576	1129.17	5.6	69.98-	104.97	85.35	
7.457	7.458	-0.001	202114	1091.21	5.4	51.34-	77.01	64.23	
7.972	7.972	0.000	246983	1098.98	5.5	68.03-	102.05	78.48	
9.255	9.253	0.002	272877	1073.10	5.4	75.28-	112.92	86.71	
9.962	9.960	0.002	120275	1065.48	5.3	31.54-	47.31	38.22	
Average of Peak Concentrations =					5.4				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.477	10.477	0.000	314644	94.3459	0.47	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: of177830.d
Inj. Date and Time: 21-SEP-2011 01:29
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

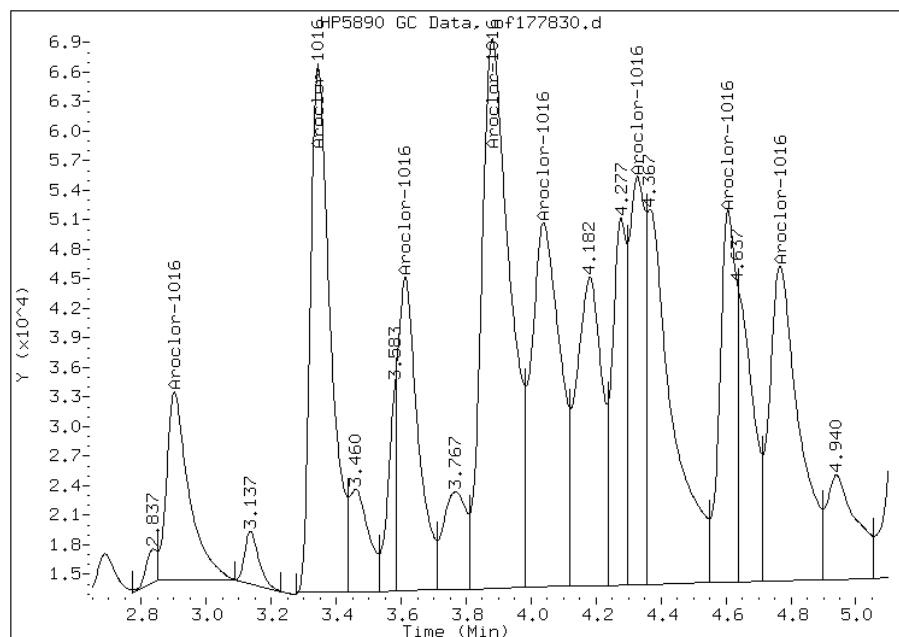
Processing Integration Results

Not Detected

Expected RT: 2.90

Manual Integration Results

RT: 2.90
Response: 93180
Amount: 1178.77
Conc: 5.90



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of177830.d
Inj. Date and Time: 21-SEP-2011 01:29
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

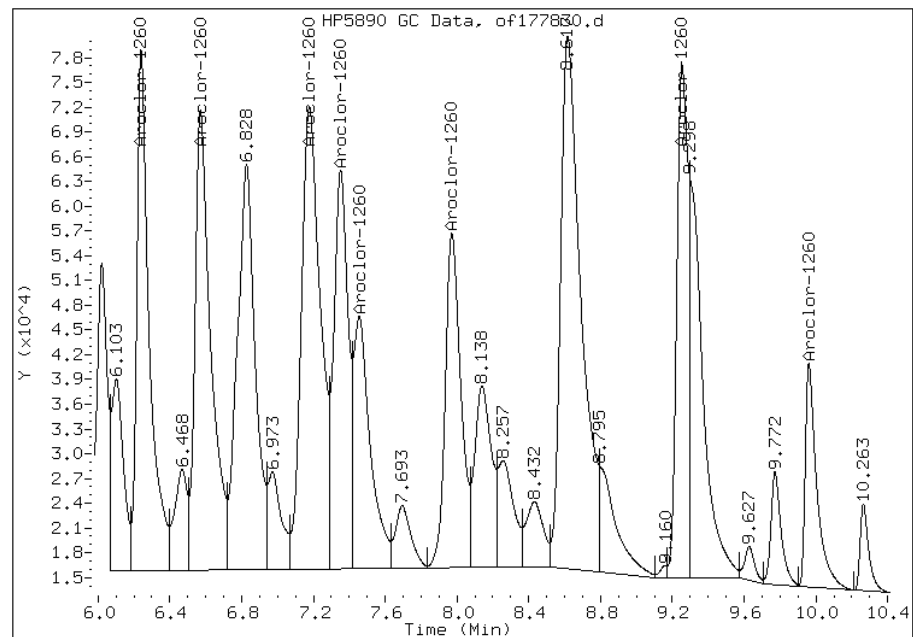
Processing Integration Results

Not Detected

Expected RT: 6.24

Manual Integration Results

RT: 6.24
Response: 314689
Amount: 1089.88
Conc: 5.40



Manually Integrated By: sita
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86701/2-A
 Matrix: Water Lab File ID: or177830.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/21/2011 01:29
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.79		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	5.67		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177830.d
Lab Smp Id: LCS 460-86701/2-A
Inj Date : 21-SEP-2011 01:29
Operator : 615
Smp Info : LCS 460-86701/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 82
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
QC Sample: BS
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.345	2.343	0.002	82138	1008.62	5.0	80.00-	120.00	100.00(M)
2.662	2.660	0.002	182022	1214.09	6.1	148.65-	222.98	221.61
2.852	2.848	0.004	132386	1216.72	6.1	121.26-	181.88	161.18
3.123	3.118	0.005	293223	985.370	4.9	272.68-	409.03	356.99
3.265	3.262	0.003	146326	1258.33	6.3	117.65-	176.48	178.15
3.467	3.463	0.004	154493	1113.09	5.6	134.47-	201.70	188.09
3.697	3.692	0.005	144689	1182.01	5.9	131.12-	196.68	176.15
3.807	3.798	0.009	65730	1288.52	6.4	53.14-	79.71	80.02
Average of Peak Concentrations =					5.8			

27 Aroclor-1260					CAS #: 11096-82-5			
5.102	5.098	0.004	221048	1192.13	6.0	80.00-	120.00	100.00(M)
5.458	5.450	0.008	358022	1169.29	5.8	131.14-	196.71	161.97

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.813	5.807	0.006	280357	1042.15	5.2	104.12-	156.17	126.83	
5.933	5.928	0.005	180292	1216.53	6.1	70.26-	105.40	81.56	
6.262	6.255	0.007	142699	1072.24	5.4	52.01-	78.02	64.56	
6.743	6.735	0.008	422006	1131.94	5.6	148.77-	223.15	190.91	
7.358	7.353	0.005	177123	1161.24	5.8	60.99-	91.49	80.13	
8.600	8.590	0.010	99206	1078.57	5.4	38.05-	57.07	44.88	
Average of Peak Concentrations =					5.7				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.355	9.350	0.005	352543	100.221	0.50	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177830.d

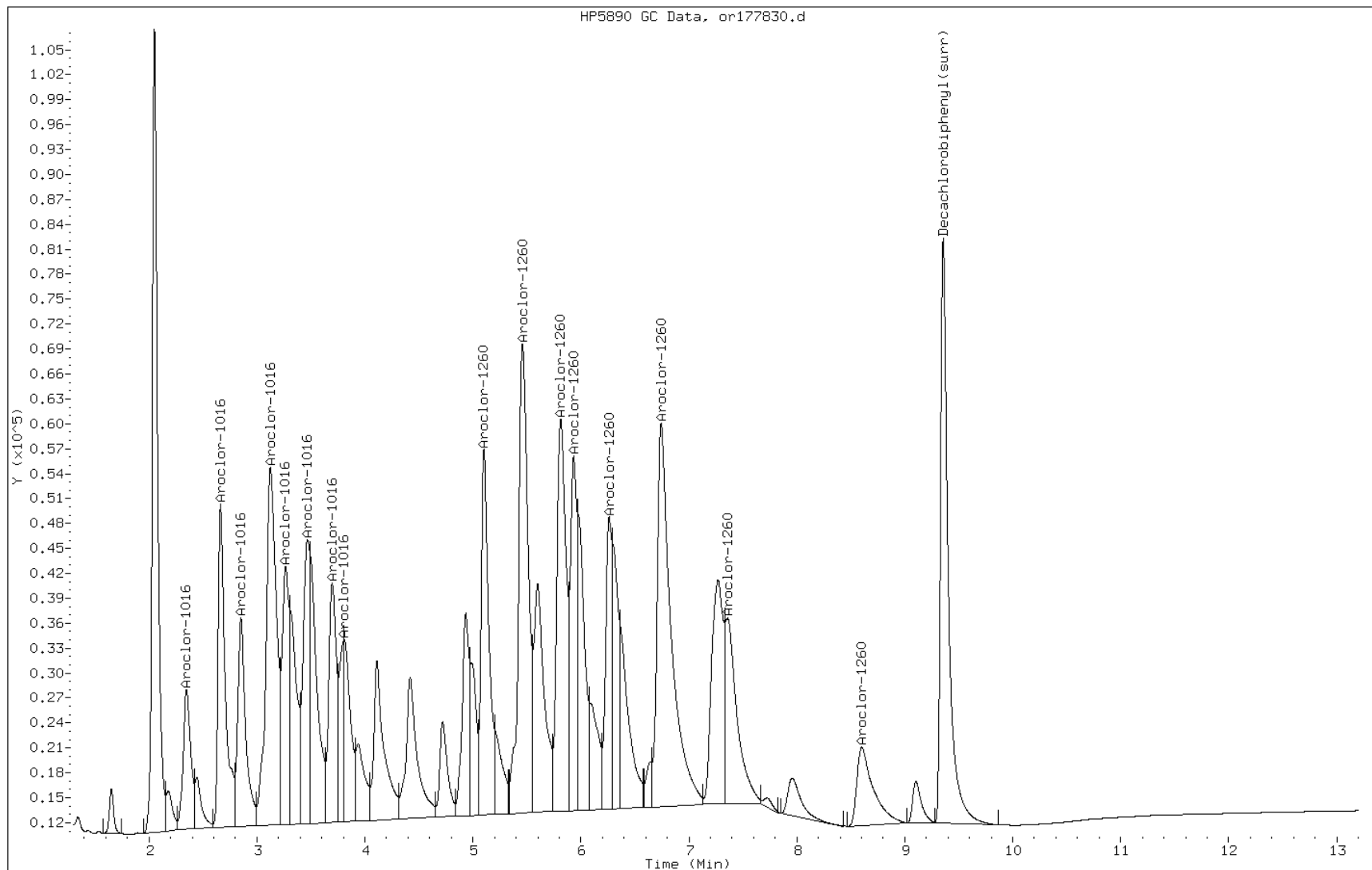
Date: 21-SEP-2011 01:29

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-86701/2-A

Operator: 615



Manual Integration Report

Data File: or177830.d
Inj. Date and Time: 21-SEP-2011 01:29
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

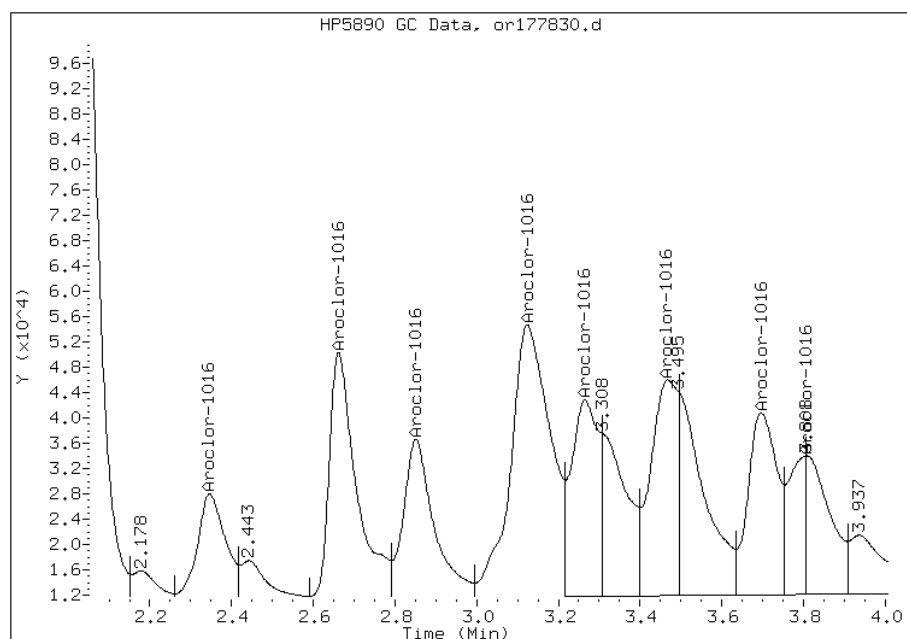
Processing Integration Results

Not Detected

Expected RT: 2.34

Manual Integration Results

RT: 2.35
Response: 82138
Amount: 1158.34
Conc: 5.80



Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or177830.d
Inj. Date and Time: 21-SEP-2011 01:29
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

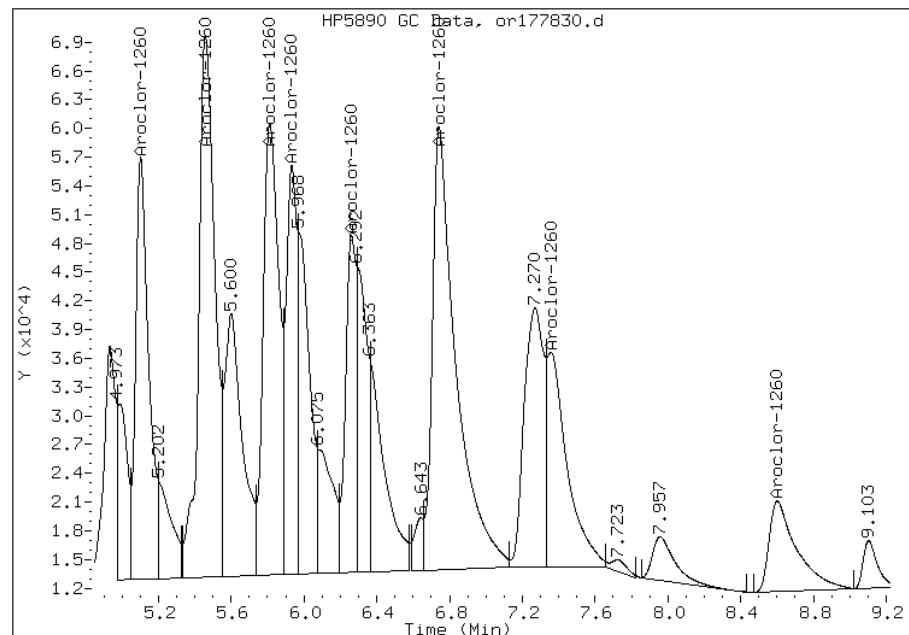
Processing Integration Results

Not Detected

Expected RT: 5.10

Manual Integration Results

RT: 5.10
Response: 221048
Amount: 1133.01
Conc: 5.70



Manually Integrated By: sita
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86756/2-A
 Matrix: Water Lab File ID: of177914.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/21/2011 07:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/22/2011 15:08
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.32		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	4.84		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		37-150

Data File: of177914.d
 Report Date: 23-Sep-2011 10:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177914.d
 Lab Smp Id: LCS 460-86756/2-A
 Inj Date : 22-SEP-2011 15:08
 Operator : 615
 Smp Info : LCS 460-86756/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
 Meth Date : 23-Sep-2011 10:50 shanthi
 Cal Date : 29-AUG-2011 12:45
 Als bottle: 26
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of176825.d
 QC Sample: BS
 Compound Sublist: AllPCB.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL			TARGET	RANGE		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)				RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2						
2.903	2.908	-0.005	96560	1150.64	5.8	80.00-	120.00	100.00(M)	
3.345	3.350	-0.005	207197	1003.43	5.0	187.73-	281.60	214.58	
3.615	3.618	-0.003	124643	1130.77	5.6	112.83-	169.24	129.08	
3.883	3.888	-0.005	286605	890.606	4.4	266.50-	399.75	296.82	
4.040	4.045	-0.005	207846	1095.69	5.5	184.23-	276.35	215.25	
4.328	4.333	-0.005	125868	1034.39	5.2	110.22-	165.33	130.35	
4.608	4.613	-0.005	114313	1079.41	5.4	92.34-	138.51	118.39	
4.770	4.773	-0.003	181683	1126.73	5.6	162.59-	243.89	188.16	
Average of Peak Concentrations =			5.3						
27 Aroclor-1260			CAS #: 11096-82-5						
6.243	6.247	-0.004	287146	995.491	5.0	80.00-	120.00	100.00(M)	
6.575	6.578	-0.003	304917	956.887	4.8	86.92-	130.37	106.19	

Data File: of177914.d
 Report Date: 23-Sep-2011 10:50

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.183	7.185	-0.002	369618	955.684	4.8	104.28-	156.41	128.72	
7.357	7.358	-0.001	243974	1025.74	5.1	68.39-	102.59	84.97	
7.460	7.463	-0.003	180982	977.118	4.9	53.65-	80.47	63.03	
7.977	7.980	-0.003	213289	949.052	4.7	63.90-	95.85	74.28	
9.258	9.260	-0.002	243179	956.316	4.8	69.26-	103.90	84.69	
9.965	9.965	0.000	104581	926.448	4.6	29.44-	44.15	36.42	
Average of Peak Concentrations =					4.8				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
10.480	10.480	0.000	217307	65.1594	0.32	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: of177914.d
Inj. Date and Time: 22-SEP-2011 15:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/23/2011

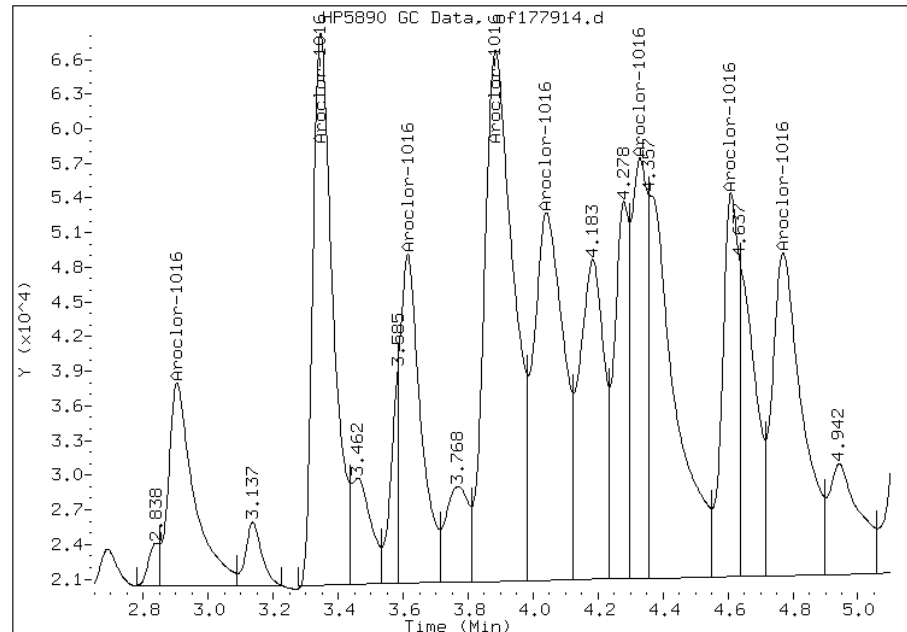
Processing Integration Results

Not Detected

Expected RT: 2.91

Manual Integration Results

RT: 2.90
Response: 96560
Amount: 1063.96
Conc: 5.30



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of177914.d
Inj. Date and Time: 22-SEP-2011 15:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/23/2011

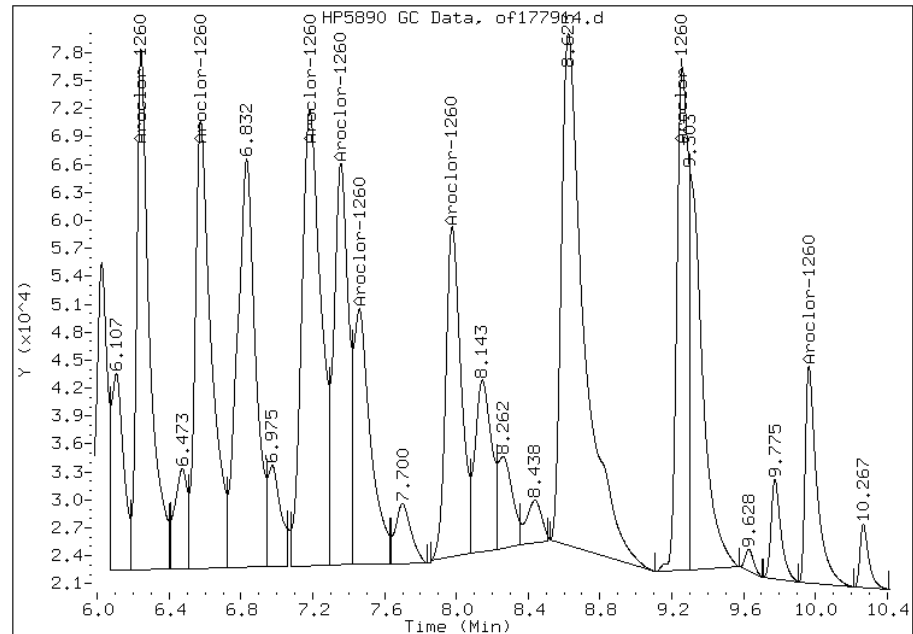
Processing Integration Results

Not Detected

Expected RT: 6.25

Manual Integration Results

RT: 6.24
Response: 287146
Amount: 967.84
Conc: 4.80



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86756/2-A
 Matrix: Water Lab File ID: or177914.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/21/2011 07:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/22/2011 15:08
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.19		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	5.20		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177914.d
Lab Smp Id: LCS 460-86756/2-A
Inj Date : 22-SEP-2011 15:08
Operator : 615
Smp Info : LCS 460-86756/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
Meth Date : 23-Sep-2011 10:48 shanthi
Cal Date : 29-AUG-2011 12:45
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
QC Sample: BS
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.348	2.350	-0.002	67763	832.098	4.2	80.00-	120.00	100.00(M)
2.665	2.665	0.000	161047	1074.18	5.4	175.17-	262.75	237.66
2.853	2.853	0.000	115498	1061.51	5.3	122.88-	184.32	170.44
3.128	3.130	-0.002	0			271.68-	407.52	0.00
3.268	3.270	-0.002	114096	981.168	4.9	133.35-	200.03	168.38
3.470	3.472	-0.002	115859	834.740	4.2	137.58-	206.38	170.98
3.700	3.702	-0.002	125007	1021.22	5.1	135.49-	203.23	184.48
3.812	3.812	0.000	74277	1456.07	7.3	62.75-	94.13	109.61
Average of Peak Concentrations =					5.2			

27 Aroclor-1260					CAS #: 11096-82-5			
5.107	5.108	-0.001	226917	1223.78	6.1	80.00-	120.00	100.00(M)
5.465	5.465	0.000	305546	997.904	5.0	120.75-	181.13	134.65

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
5.820	5.820	0.000	239807	891.413	4.4	99.37-	149.06	105.68
5.938	5.938	0.000	159376	1075.40	5.4	63.82-	95.74	70.24
6.268	6.268	0.000	124765	937.484	4.7	52.26-	78.40	54.98
6.753	6.753	0.000	389503	1044.76	5.2	155.46-	233.20	171.65
7.278	7.280	-0.002	175760	1152.30	5.8	67.85-	101.77	77.46
8.613	8.615	-0.002	91686	996.814	5.0	40.07-	60.11	40.41
Average of Peak Concentrations =					5.2			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
9.360	9.360	0.000	246353	70.0330	0.35	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: or177914.d

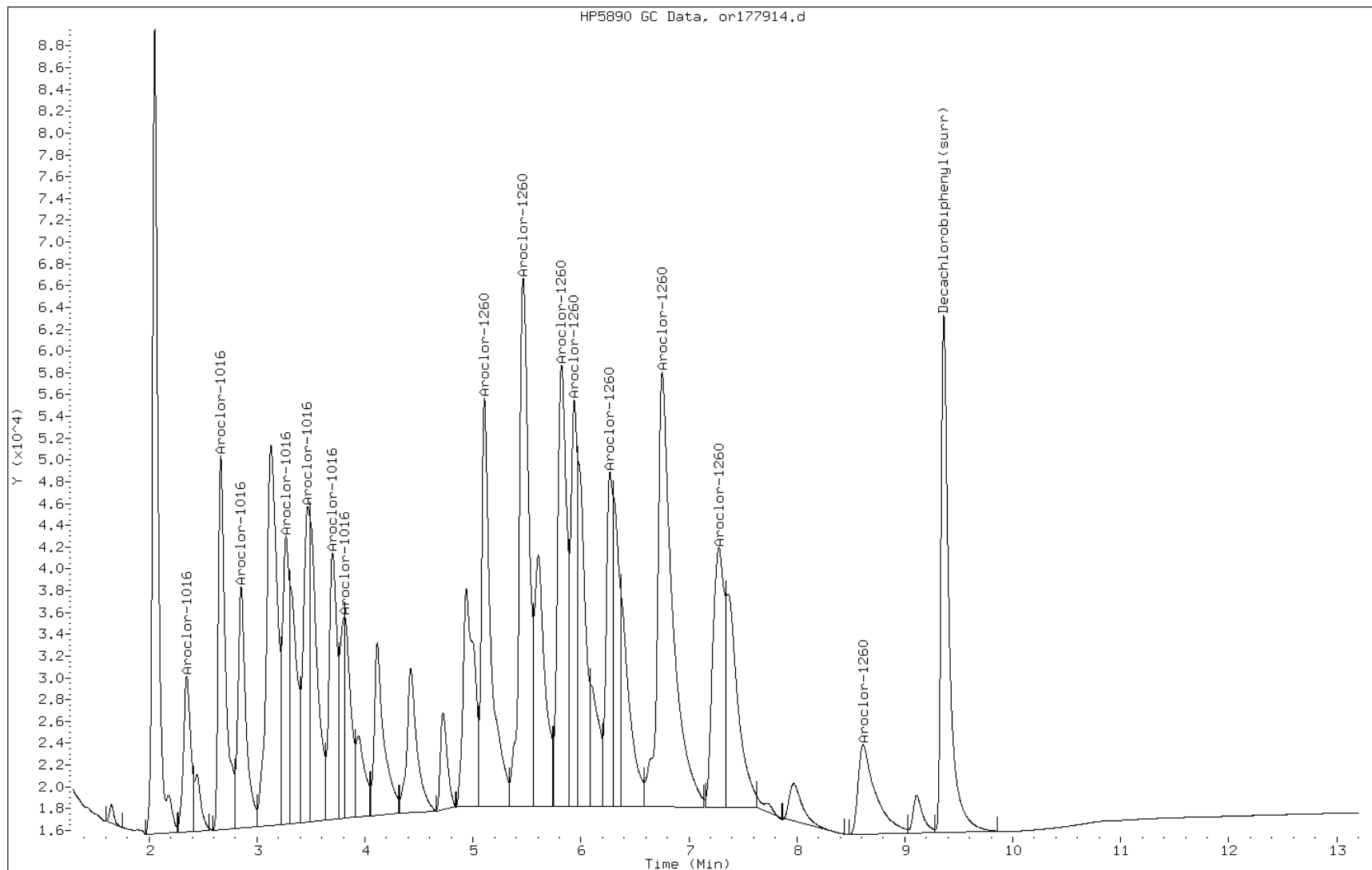
Date: 22-SEP-2011 15:08

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-86756/2-A

Operator: 615

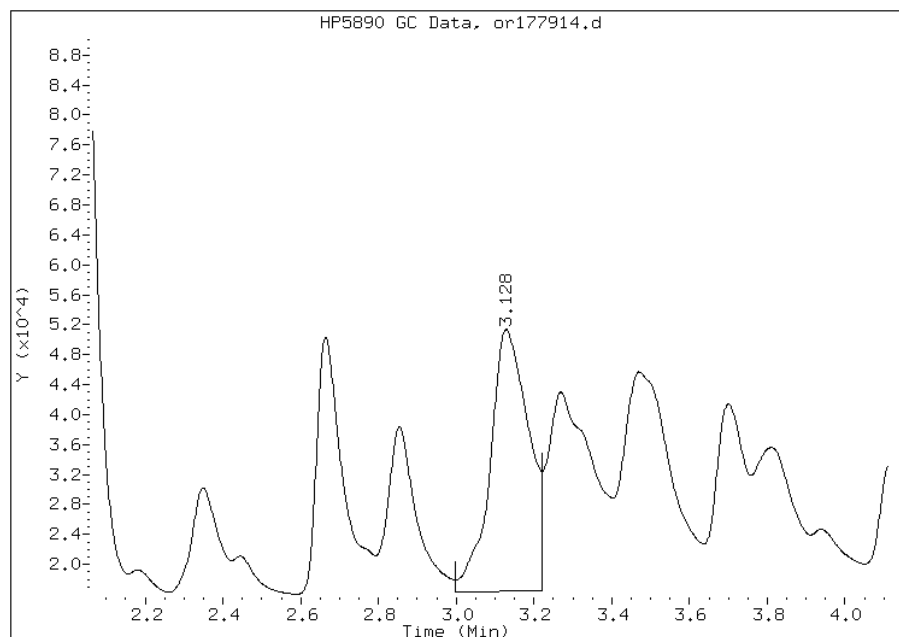


Manual Integration Report

Data File: or177914.d
Inj. Date and Time: 22-SEP-2011 15:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/23/2011

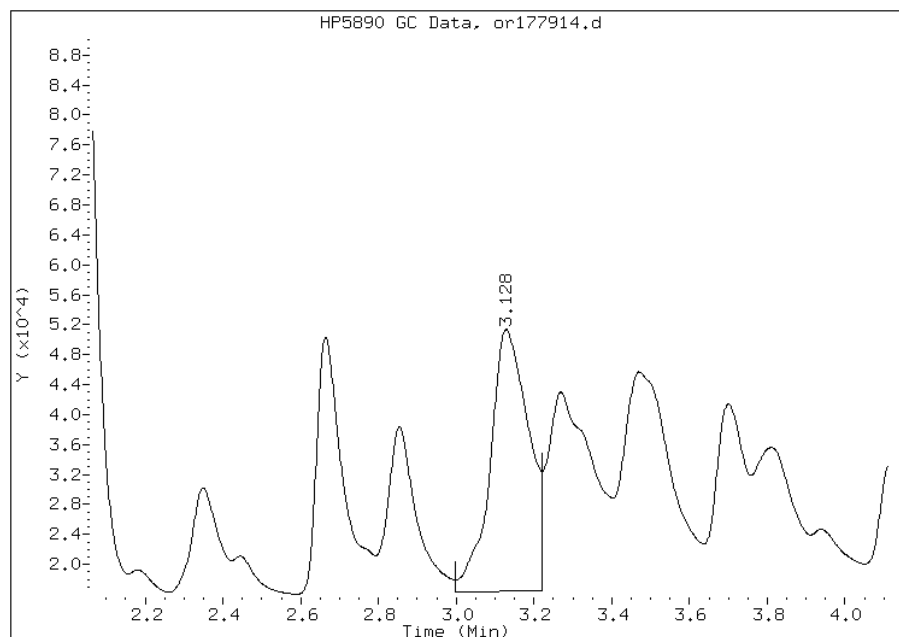
Processing Integration Results

RT: 3.13
Response: 241823
Amount: 1009.21
Conc: 5.00



Manual Integration Results

RT: 3.13
Response: 0
Amount: 1037.28
Conc: 5.20



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or177914.d
Inj. Date and Time: 22-SEP-2011 15:08
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/23/2011

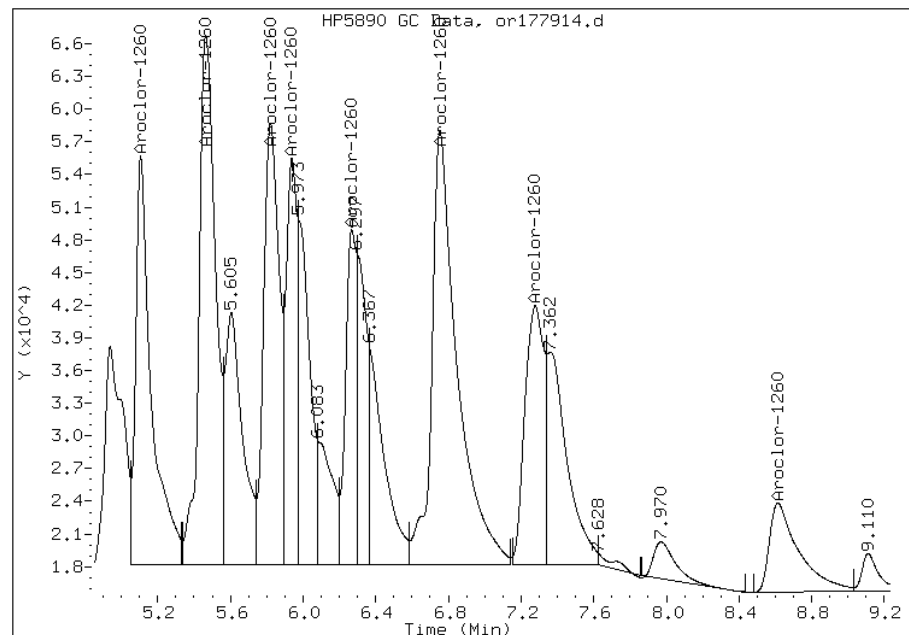
Processing Integration Results

Not Detected

Expected RT: 5.11

Manual Integration Results

RT: 5.11
Response: 226917
Amount: 1039.98
Conc: 5.20



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-86701/3-A
 Matrix: Water Lab File ID: of177831.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/21/2011 01:46
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.61		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	5.74		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/of177831.d
Lab Smp Id: LCSD 460-86701/3-A
Inj Date : 21-SEP-2011 01:46
Operator : 615
Smp Info : LCSD 460-86701/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-20-11/20sep11f.b/080f8082.m
Meth Date : 20-Sep-2011 08:59 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 83
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of176825.d
QC Sample: BSD
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.905	2.903	0.002	91682	1092.52	5.5	80.00-	120.00	100.00(M)
3.348	3.347	0.001	224603	1087.73	5.4	193.22-	289.83	244.98
3.617	3.617	0.000	122187	1108.49	5.5	114.05-	171.08	133.27
3.885	3.882	0.003	330638	1027.44	5.1	289.86-	434.80	360.64
4.042	4.040	0.002	219270	1155.91	5.8	186.78-	280.17	239.16
4.332	4.330	0.002	135082	1110.12	5.6	108.10-	162.15	147.34
4.610	4.608	0.002	126863	1197.92	6.0	111.70-	167.55	138.37
4.770	4.768	0.002	192215	1192.04	6.0	161.35-	242.03	209.65
Average of Peak Concentrations =					5.6			

27 Aroclor-1260					CAS #: 11096-82-5			
6.243	6.242	0.001	326475	1131.84	5.6	80.00-	120.00	100.00(M)
6.575	6.570	0.005	359110	1126.95	5.6	89.75-	134.63	110.00

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.182	7.177	0.005	437237	1130.52	5.6	112.26-	168.39	133.93	
7.355	7.352	0.003	277924	1168.47	5.8	69.98-	104.97	85.13	
7.460	7.458	0.002	217280	1173.09	5.9	51.34-	77.01	66.55	
7.977	7.972	0.005	265283	1180.40	5.9	68.03-	102.05	81.26	
9.257	9.253	0.004	300635	1182.26	5.9	75.28-	112.92	92.09	
9.963	9.960	0.003	123069	1090.23	5.4	31.54-	47.31	37.70	
Average of Peak Concentrations =					5.7				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.478	10.477	0.001	328479	98.4943	0.49	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of177831.d

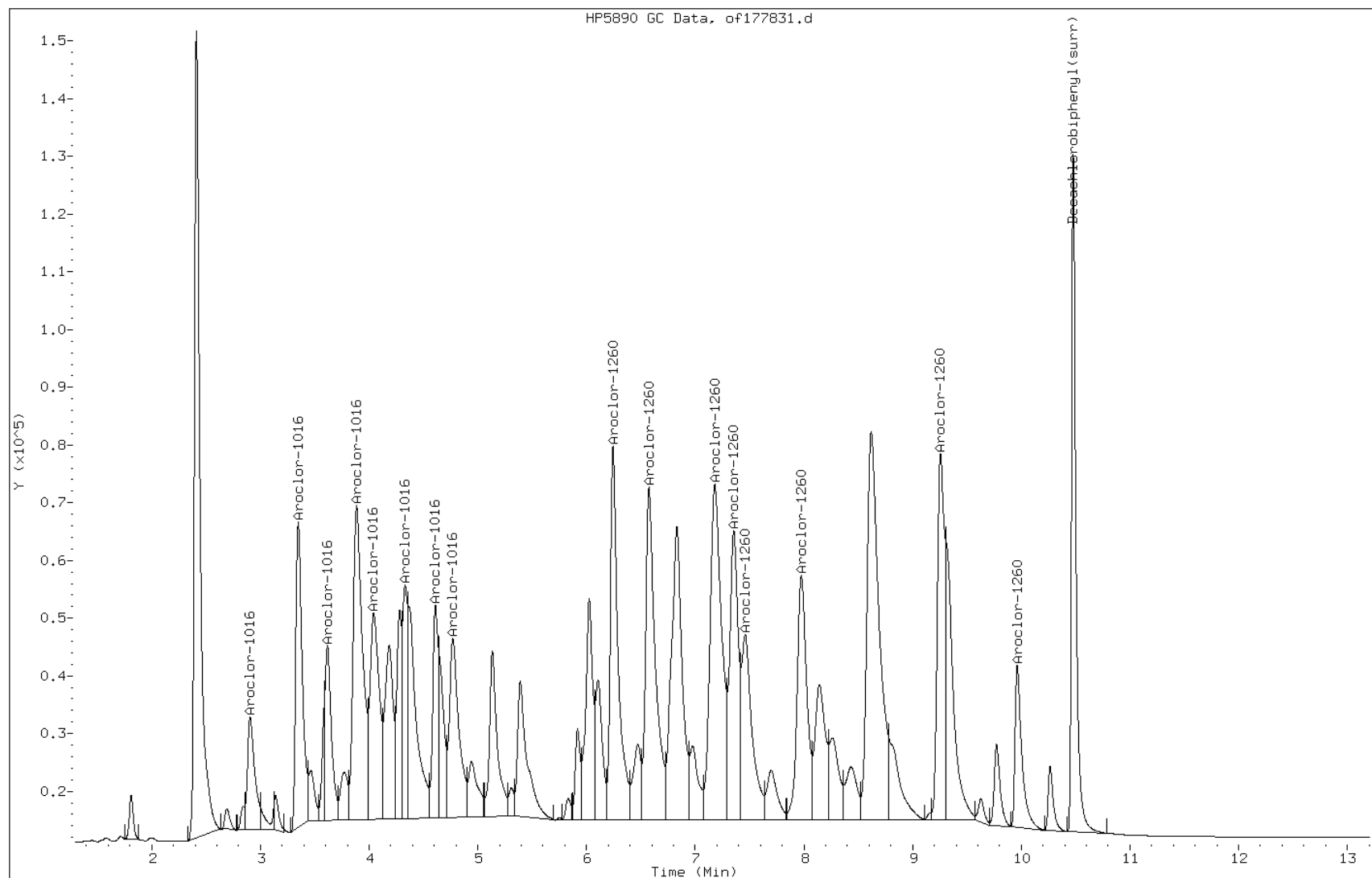
Date: 21-SEP-2011 01:46

Client ID:

Instrument: PESTGC7.i

Sample Info: LCSD 460-86701/3-A

Operator: 615

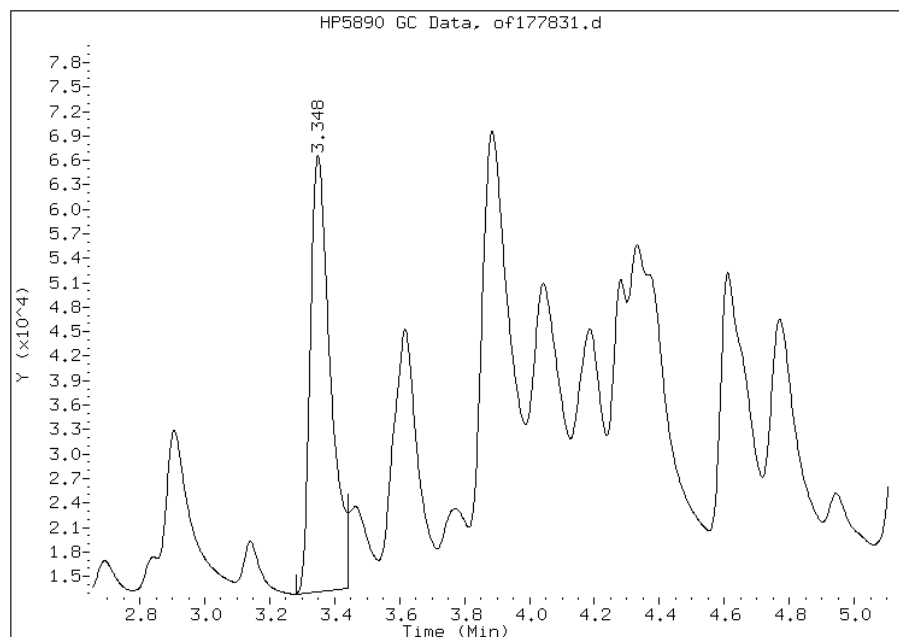


Manual Integration Report

Data File: of177831.d
Inj. Date and Time: 21-SEP-2011 01:46
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

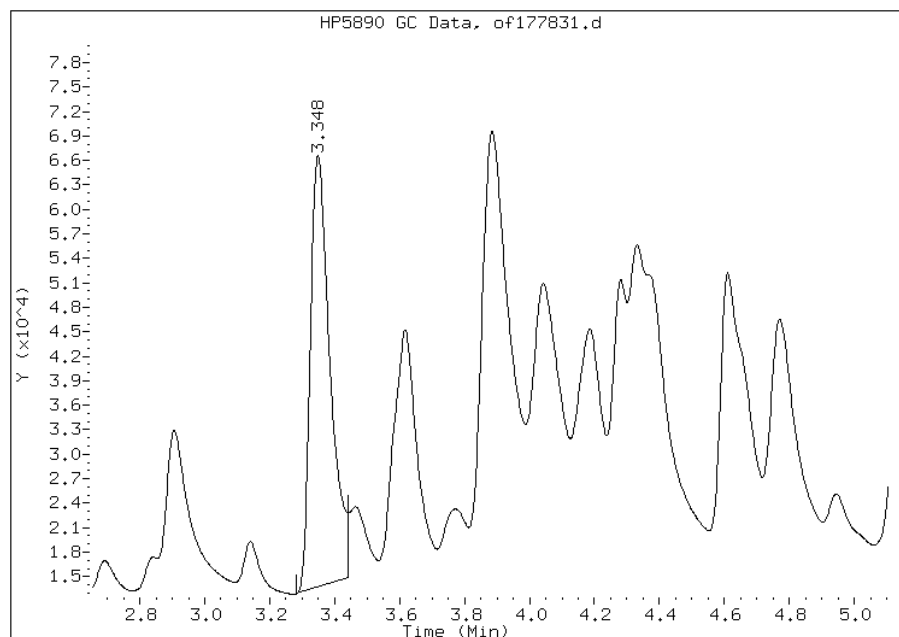
Processing Integration Results

RT: 3.35
Response: 232029
Amount: 1174.19
Conc: 5.90



Manual Integration Results

RT: 3.35
Response: 224603
Amount: 1121.52
Conc: 5.60



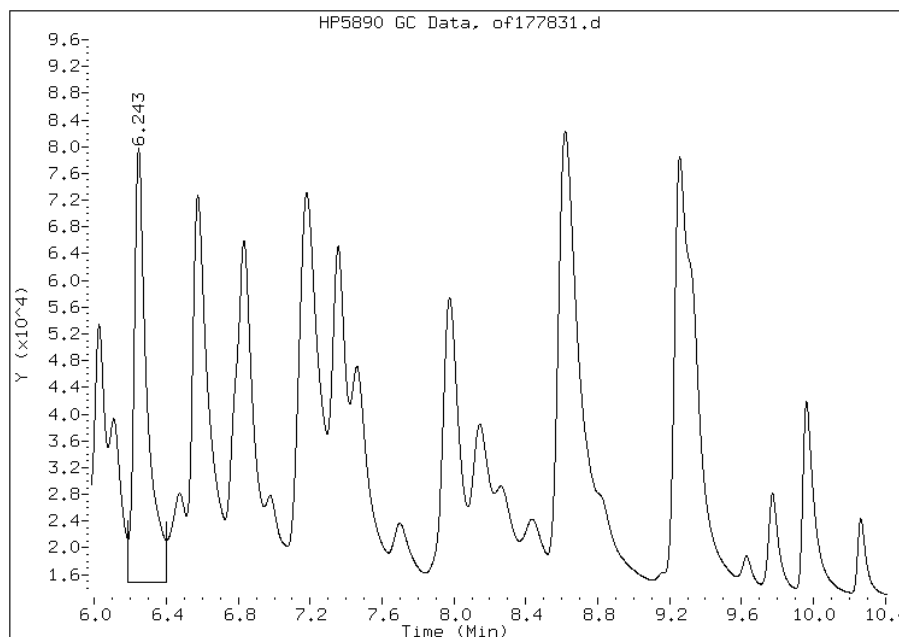
Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: of177831.d
Inj. Date and Time: 21-SEP-2011 01:46
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

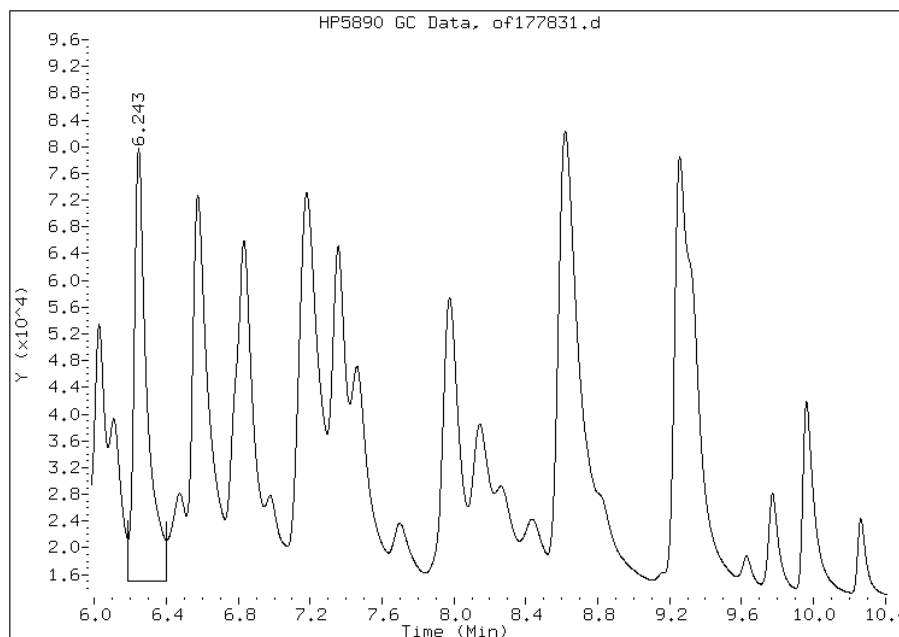
Processing Integration Results

RT: 6.24
Response: 328783
Amount: 1152.55
Conc: 5.80



Manual Integration Results

RT: 6.24
Response: 326475
Amount: 1147.97
Conc: 5.70



Manually Integrated By: sita
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-86701/3-A
 Matrix: Water Lab File ID: or177831.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/20/2011 16:52
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/21/2011 01:46
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86903 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.47		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	5.56		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		37-150

Data File: or177831.d
Report Date: 21-Sep-2011 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/or177831.d
Lab Smp Id: LCSD 460-86701/3-A
Inj Date : 21-SEP-2011 01:46
Operator : 615
Smp Info : LCSD 460-86701/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-20-11/20sep11f.b/080r8082.m
Meth Date : 21-Sep-2011 13:29 sita
Cal Date : 29-AUG-2011 12:45
Als bottle: 83
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or176825.d
QC Sample: BSD
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.345	2.343	0.002	71849	882.273	4.4	80.00-	120.00	100.00(M)
2.662	2.660	0.002	168699	1125.22	5.6	148.65-	222.98	234.80
2.852	2.848	0.004	114476	1052.11	5.3	121.26-	181.88	159.33
3.123	3.118	0.005	276226	928.252	4.6	272.68-	409.03	384.45
3.267	3.262	0.005	148701	1278.75	6.4	117.65-	176.48	206.96
3.468	3.463	0.005	167652	1207.90	6.0	134.47-	201.70	233.34
3.697	3.692	0.005	138027	1127.58	5.6	131.12-	196.68	192.11
3.805	3.798	0.007	58405	1144.93	5.7	53.14-	79.71	81.29
Average of Peak Concentrations =					5.5			

27 Aroclor-1260					CAS #: 11096-82-5			
5.103	5.098	0.005	202189	1090.42	5.4	80.00-	120.00	100.00(MH)
5.460	5.450	0.010	331203	1081.70	5.4	131.14-	196.71	163.81

Data File: or177831.d
 Report Date: 21-Sep-2011 13:30

			CONCENTRATIONS						
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.813	5.807	0.006	280491	1042.64	5.2	104.12-	156.17	138.73	
5.933	5.928	0.005	175369	1183.31	5.9	70.26-	105.40	86.74	
6.263	6.255	0.008	144787	1087.93	5.4	52.01-	78.02	71.61	
6.745	6.735	0.010	418208	1121.75	5.6	148.77-	223.15	206.84	
7.358	7.353	0.005	174044	1141.05	5.7	60.99-	91.49	86.08	
8.602	8.590	0.012	105127	1142.95	5.7	38.05-	57.07	51.99	
Average of Peak Concentrations =					5.6				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.357	9.350	0.007	372818	105.984	0.53	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.
 H - Operator selected an alternate compound hit.

Data File: or177831.d

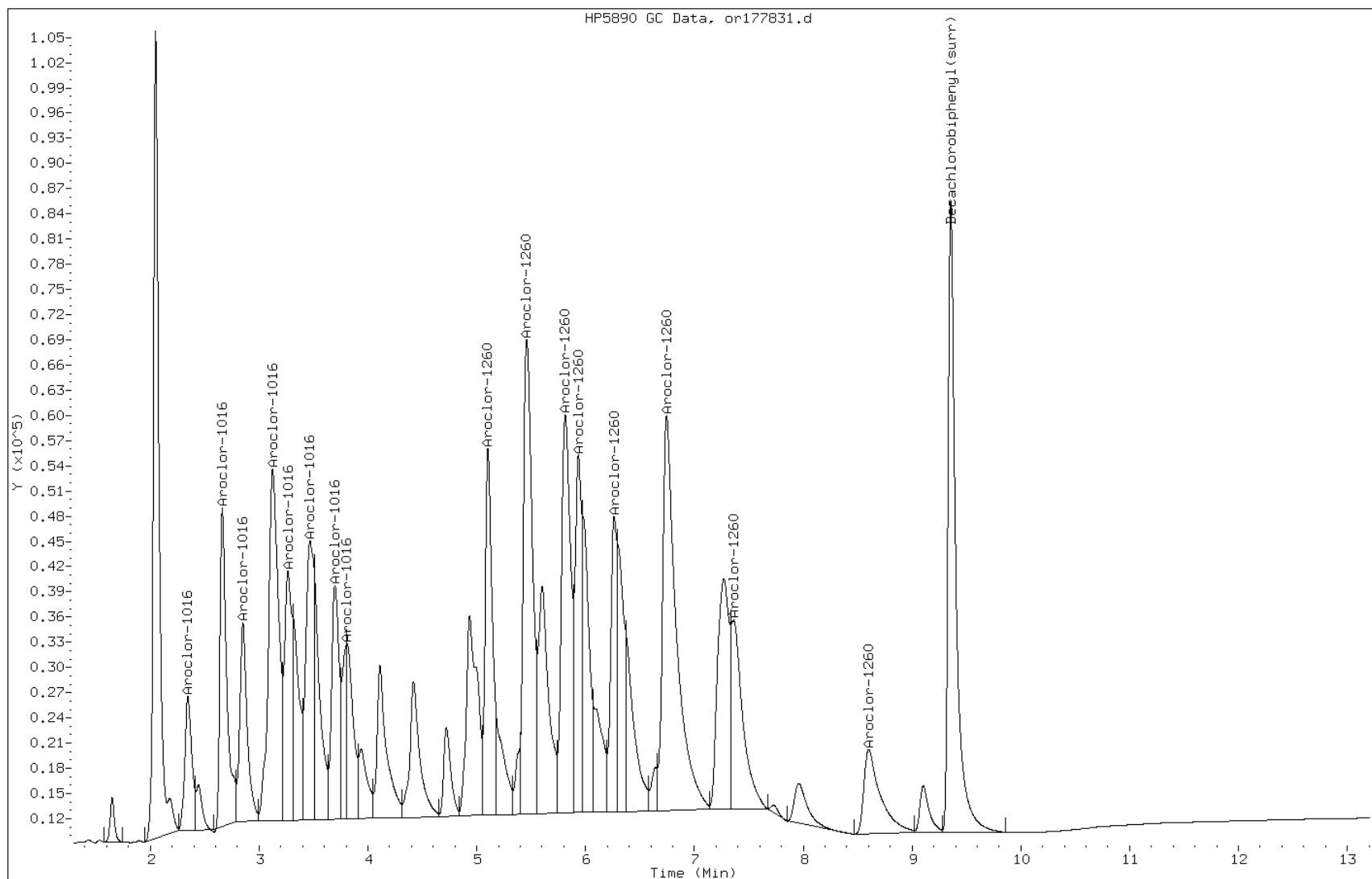
Date: 21-SEP-2011 01:46

Client ID:

Instrument: PESTGC7.i

Sample Info: LCSD 460-86701/3-A

Operator: 615

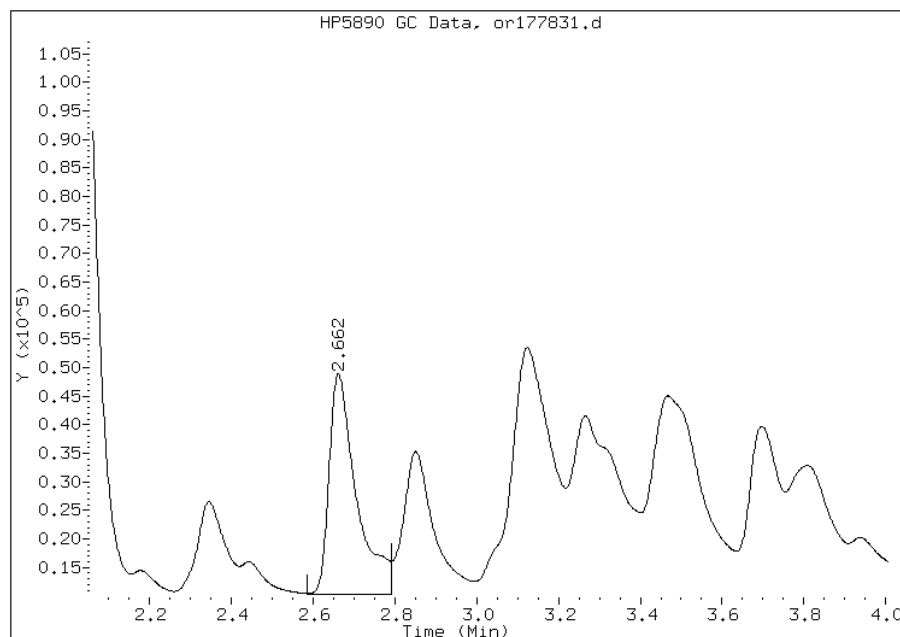


Manual Integration Report

Data File: or177831.d
Inj. Date and Time: 21-SEP-2011 01:46
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

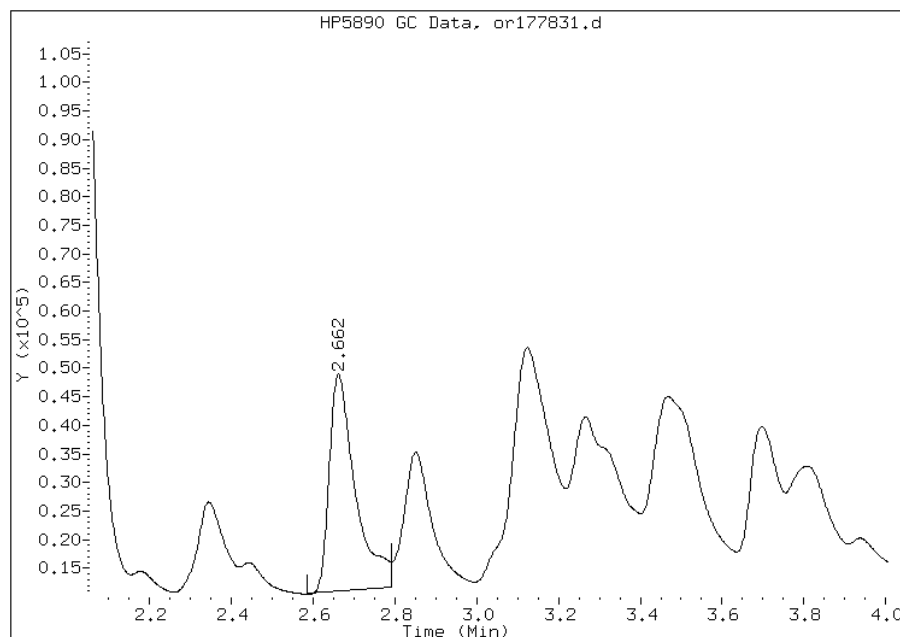
Processing Integration Results

RT: 2.66
Response: 179065
Amount: 1164.00
Conc: 5.80



Manual Integration Results

RT: 2.66
Response: 168699
Amount: 1093.38
Conc: 5.50



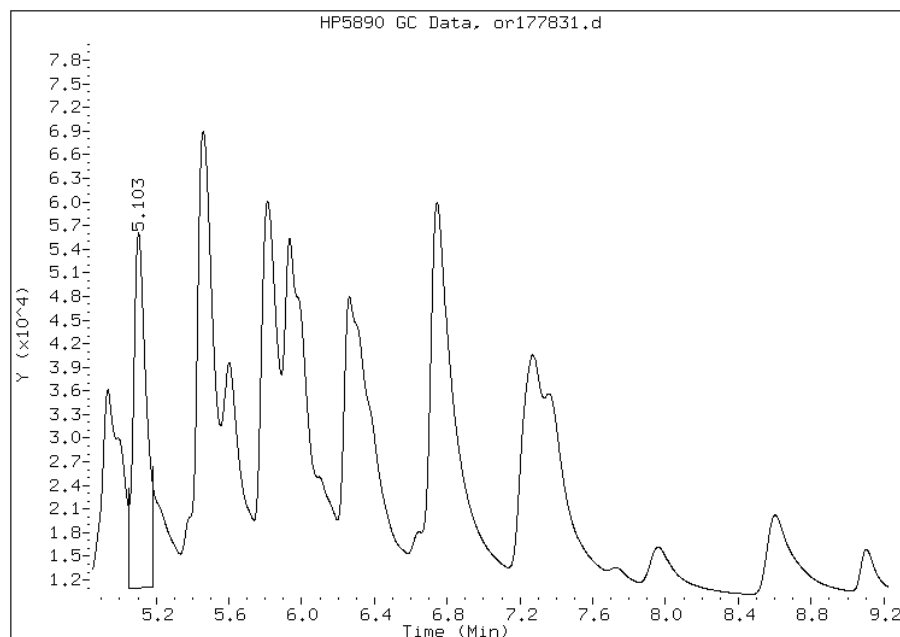
Manually Integrated By: sita
Manual Integration Reason:

Manual Integration Report

Data File: or177831.d
Inj. Date and Time: 21-SEP-2011 01:46
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

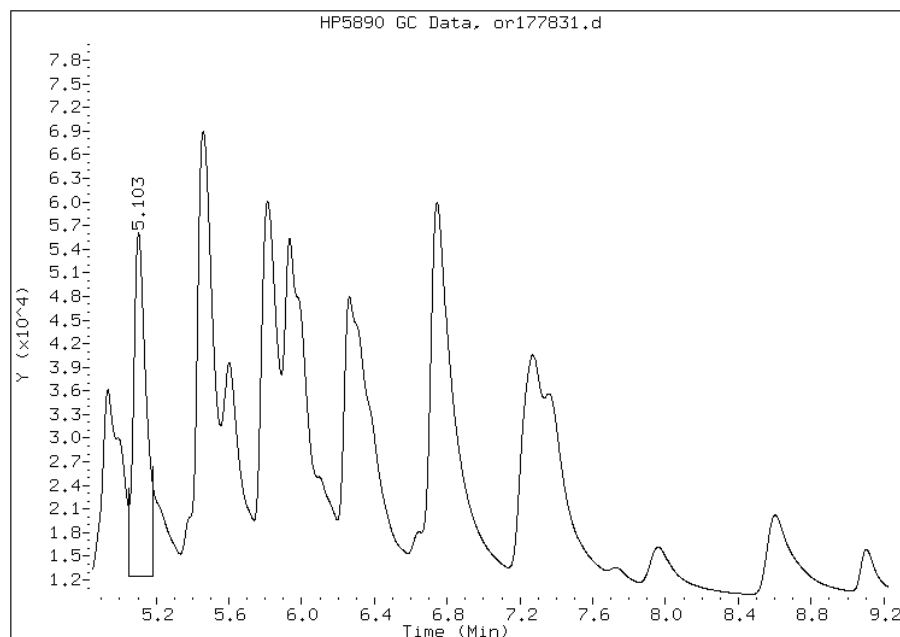
Processing Integration Results

RT: 5.10
Response: 213486
Amount: 1198.40
Conc: 6.00



Manual Integration Results

RT: 5.10
Response: 202189
Amount: 1111.47
Conc: 5.60



Manually Integrated By: sita
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-86756/3-A
 Matrix: Water Lab File ID: of177915.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/21/2011 07:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/22/2011 15:24
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.25		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	4.67		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/of177915.d
Lab Smp Id: LCSD 460-86756/3-A
Inj Date : 22-SEP-2011 15:24
Operator : 615
Smp Info : LCSD 460-86756/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-22-11/22sep11b.b/080f8082.m
Meth Date : 23-Sep-2011 10:51 shanthi Quant Type: ESTD
Cal Date : 29-AUG-2011 12:45 Cal File: of176825.d
Als bottle: 27 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.902	2.907	-0.005	95375	1136.52	5.7	80.00-	120.00	100.00(M)
3.345	3.348	-0.003	210960	1021.66	5.1	176.13-	264.19	221.19
3.613	3.618	-0.005	127999	1161.22	5.8	103.25-	154.88	134.21
3.883	3.887	-0.004	283595	881.253	4.4	251.80-	377.70	297.35
4.040	4.043	-0.003	200876	1058.95	5.3	171.70-	257.55	210.62
4.328	4.332	-0.004	123612	1015.85	5.1	108.22-	162.32	129.61
4.608	4.612	-0.004	107758	1017.52	5.1	91.54-	137.31	112.98
4.768	4.772	-0.004	178052	1104.21	5.5	149.44-	224.16	186.69
Average of Peak Concentrations =					5.2			

27 Aroclor-1260					CAS #: 11096-82-5			
6.243	6.245	-0.002	279191	967.912	4.8	80.00-	120.00	100.00(M)
6.575	6.577	-0.002	293891	922.285	4.6	87.29-	130.94	105.27

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.182	7.183	-0.001	352975	912.651	4.6	105.05-	157.57	126.43	
7.355	7.358	-0.003	238026	1000.73	5.0	67.49-	101.23	85.26	
7.458	7.462	-0.004	178178	961.979	4.8	50.81-	76.22	63.82	
7.977	7.978	-0.001	213392	949.510	4.7	60.28-	90.42	76.43	
9.258	9.260	-0.002	219452	863.008	4.3	66.54-	99.80	78.60	
9.965	9.965	0.000	101241	896.860	4.5	32.30-	48.46	36.26	
Average of Peak Concentrations =					4.7				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.478	10.480	-0.002	229553	68.8314	0.34	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: of177915.d
Inj. Date and Time: 22-SEP-2011 15:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/23/2011

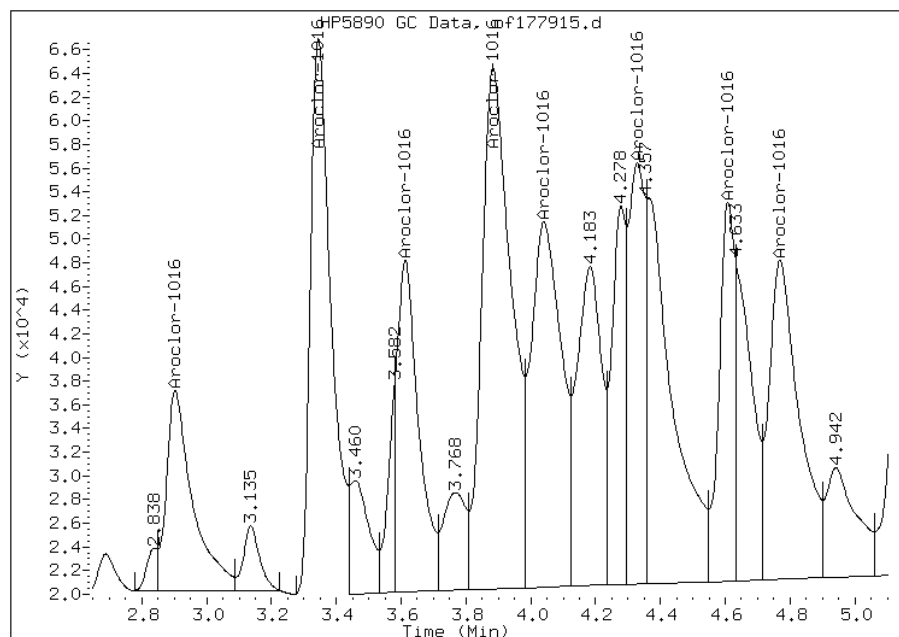
Processing Integration Results

Not Detected

Expected RT: 2.91

Manual Integration Results

RT: 2.90
Response: 95375
Amount: 1049.65
Conc: 5.20



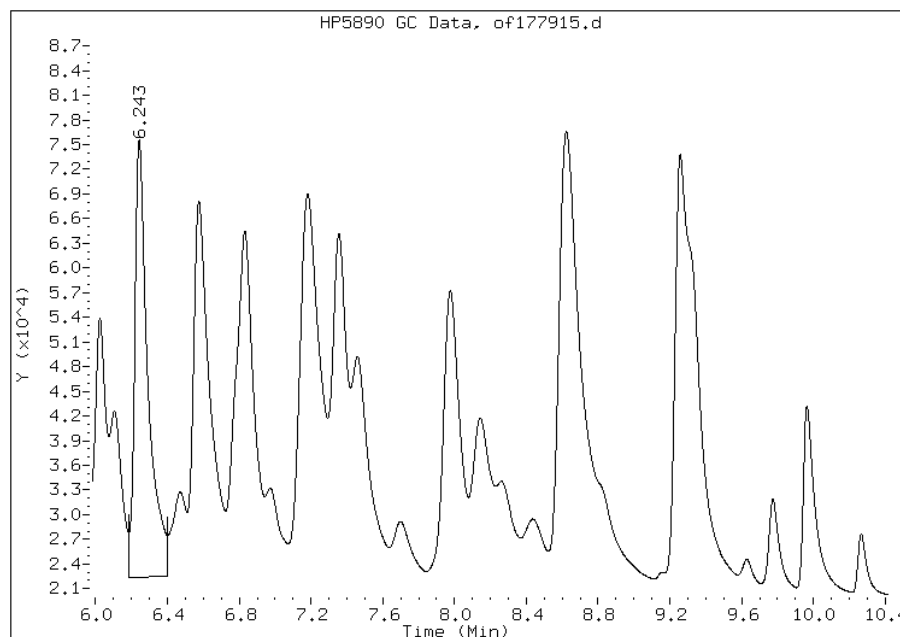
Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of177915.d
Inj. Date and Time: 22-SEP-2011 15:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/23/2011

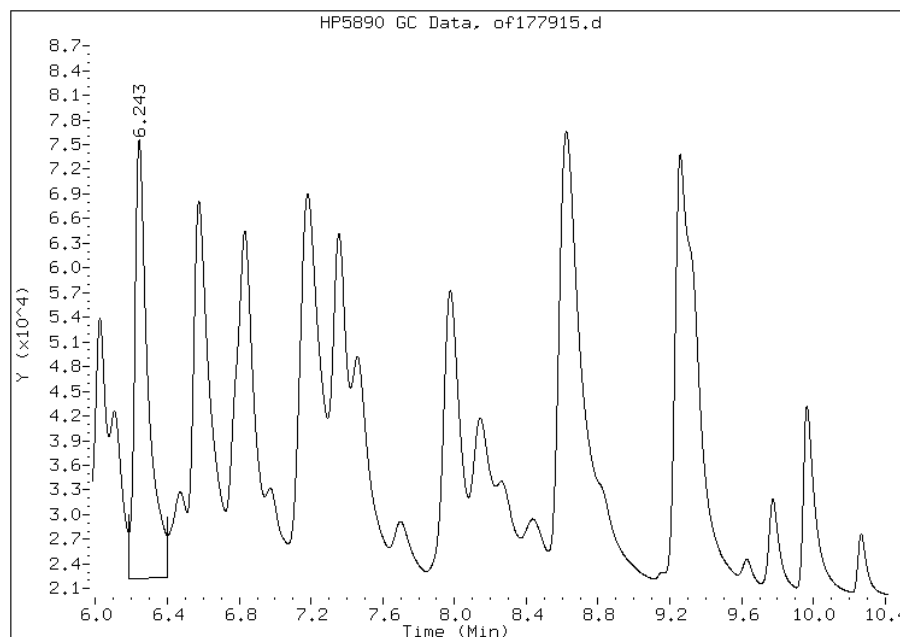
Processing Integration Results

RT: 6.24
Response: 276773
Amount: 928.70
Conc: 4.60



Manual Integration Results

RT: 6.24
Response: 279191
Amount: 934.37
Conc: 4.70



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-86756/3-A
 Matrix: Water Lab File ID: or177915.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/21/2011 07:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/22/2011 15:24
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87099 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	4.86		0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	5.06		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		37-150

Data File: or177915.d
 Report Date: 23-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/or177915.d
 Lab Smp Id: LCSD 460-86756/3-A
 Inj Date : 22-SEP-2011 15:24
 Operator : 615
 Smp Info : LCSD 460-86756/3-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b/080r8082.m
 Meth Date : 23-Sep-2011 10:48 shanthi
 Cal Date : 29-AUG-2011 12:45
 Als bottle: 27
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: or176825.d
 QC Sample: BSD
 Compound Sublist: AllPCB.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.348	2.350	-0.002	67184	824.989	4.1	80.00-	120.00	100.00(M)
2.665	2.665	0.000	157548	1050.84	5.2	175.17-	262.75	234.50
2.853	2.853	0.000	111905	1028.48	5.1	122.88-	184.32	166.56
3.130	3.130	0.000	0			271.68-	407.52	0.00
3.270	3.270	0.000	112333	966.007	4.8	133.35-	200.03	167.20
3.472	3.472	0.000	123674	891.045	4.4	137.58-	206.38	184.08
3.700	3.702	-0.002	120624	985.413	4.9	135.49-	203.23	179.54
3.810	3.812	-0.002	54024	1059.05	5.3	62.75-	94.13	80.41
Average of Peak Concentrations =					4.9			

27 Aroclor-1260					CAS #: 11096-82-5			
5.107	5.108	-0.001	189517	1022.08	5.1	80.00-	120.00	100.00(M)
5.465	5.465	0.000	287039	937.461	4.7	120.75-	181.13	151.46

Data File: or177915.d
 Report Date: 23-Sep-2011 10:51

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.822	5.820	0.002	239740	891.164	4.4	99.37-	149.06	126.50	
5.938	5.938	0.000	159107	1073.58	5.4	63.82-	95.74	83.95	
6.268	6.268	0.000	122626	921.412	4.6	52.26-	78.40	64.70	
6.753	6.753	0.000	397949	1067.41	5.3	155.46-	233.20	209.98	
7.280	7.280	0.000	186689	1223.95	6.1	67.85-	101.77	98.51	
8.615	8.615	0.000	87672	953.174	4.8	40.07-	60.11	46.26	
Average of Peak Concentrations =					5.0				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.360	9.360	0.000	260673	74.1039	0.37	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177915.d

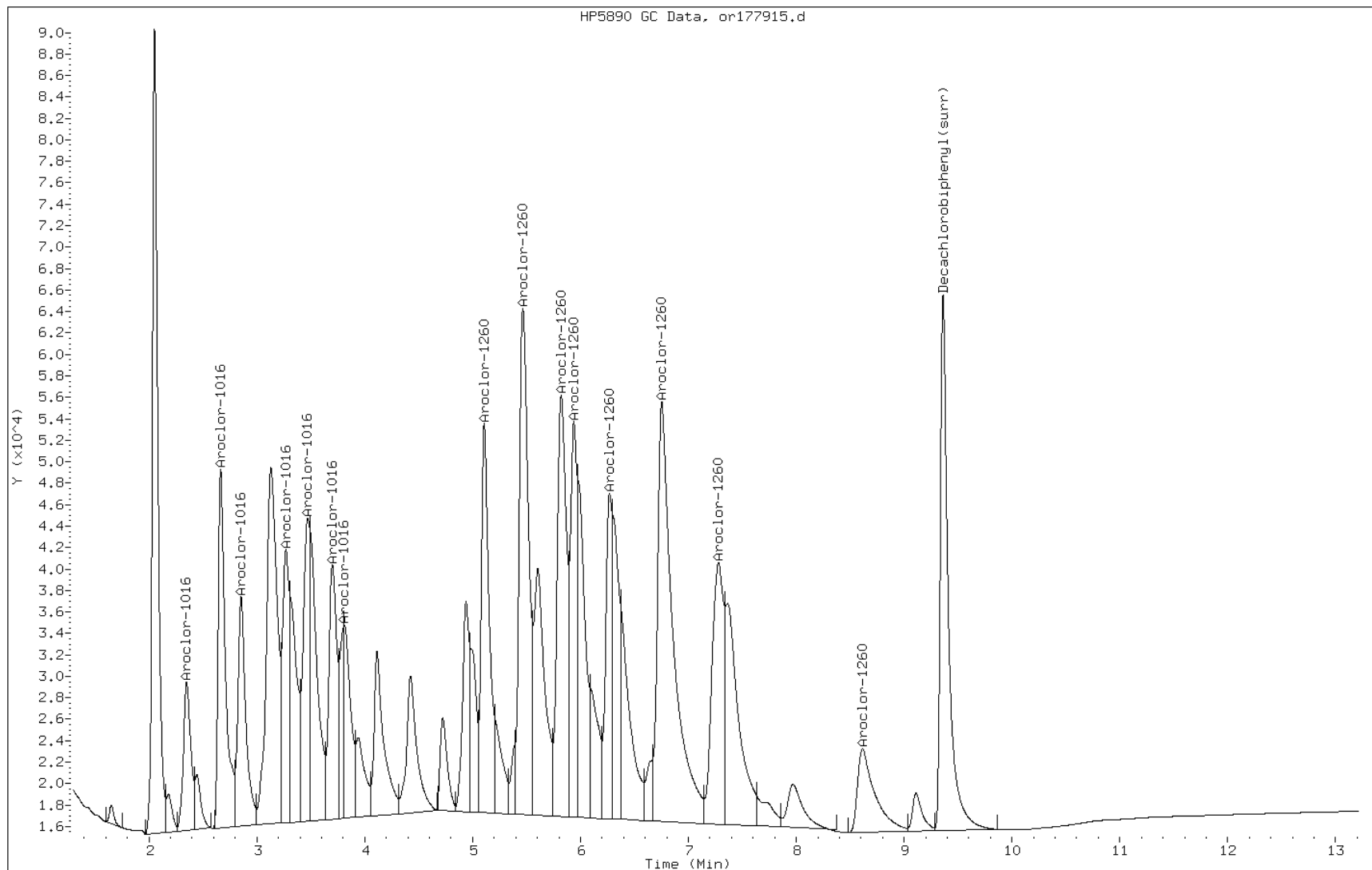
Date: 22-SEP-2011 15:24

Client ID:

Instrument: PESTGC7.i

Sample Info: LCSD 460-86756/3-A

Operator: 615

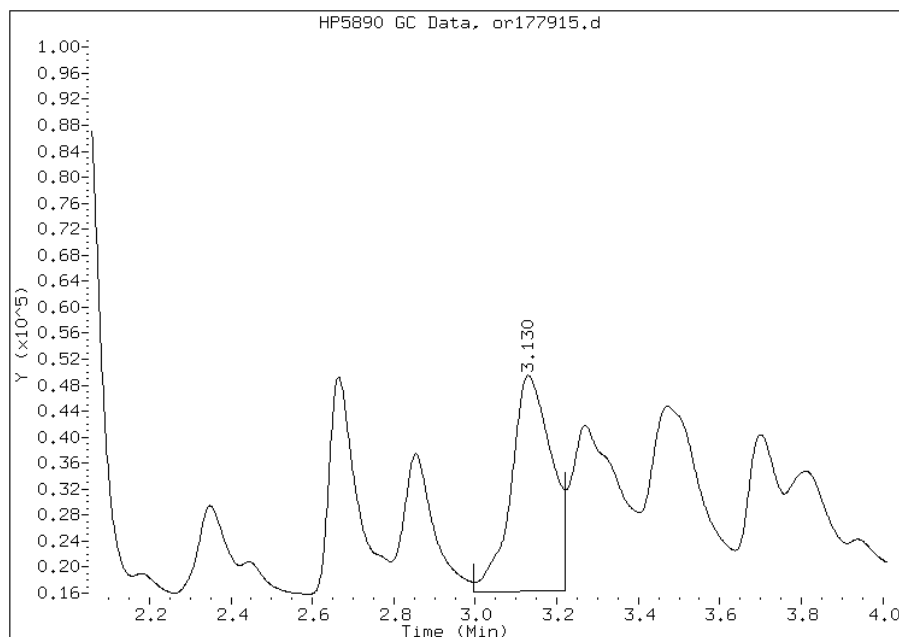


Manual Integration Report

Data File: or177915.d
Inj. Date and Time: 22-SEP-2011 15:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/23/2011

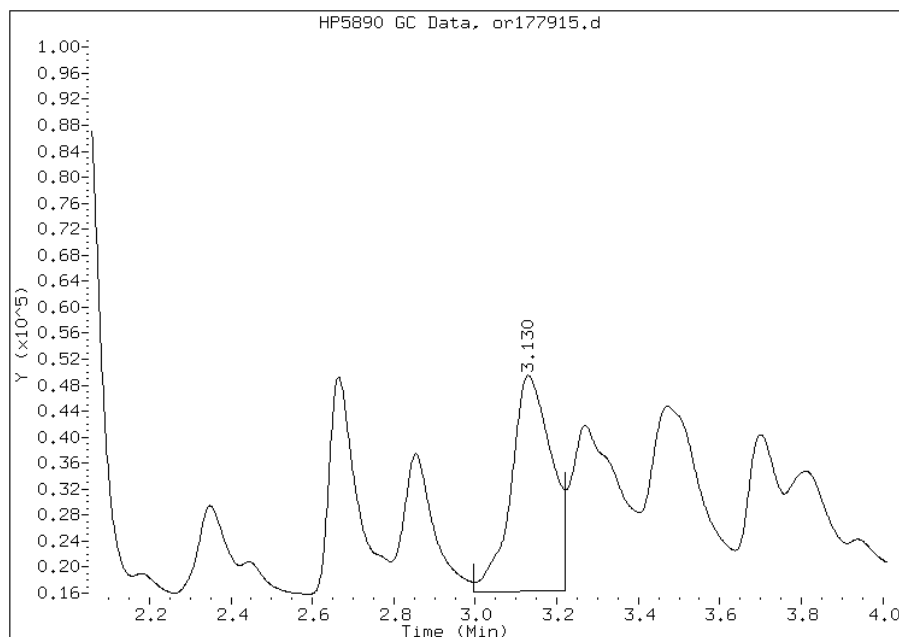
Processing Integration Results

RT: 3.13
Response: 232224
Amount: 1124.75
Conc: 5.60



Manual Integration Results

RT: 3.13
Response: 0
Amount: 972.26
Conc: 4.90



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or177915.d
Inj. Date and Time: 22-SEP-2011 15:24
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/23/2011

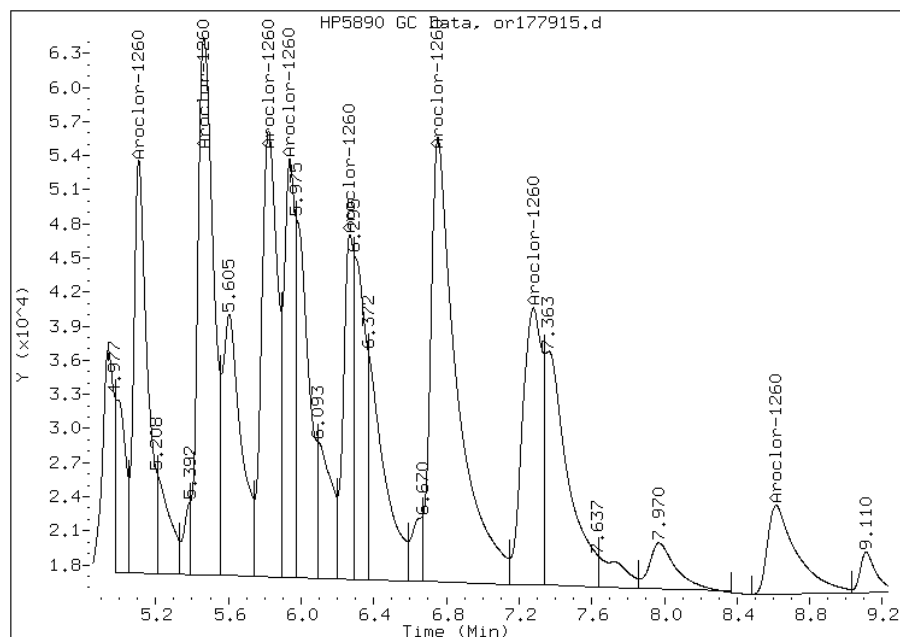
Processing Integration Results

Not Detected

Expected RT: 5.11

Manual Integration Results

RT: 5.11
Response: 189517
Amount: 1011.28
Conc: 5.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-31258-1

SDG No.: _____

Instrument ID: PESTGC7Start Date: 08/29/2011 07:09Analysis Batch Number: 84507End Date: 08/29/2011 13:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/29/2011 07:09	1		CLP-2 0.53 (mm)
ZZZZZ		08/29/2011 07:09	1		CLP-1 0.53 (mm)
ZZZZZ		08/29/2011 07:26	1		CLP-2 0.53 (mm)
ZZZZZ		08/29/2011 07:26	1		CLP-1 0.53 (mm)
ZZZZZ		08/29/2011 08:56	1		CLP-2 0.53 (mm)
ZZZZZ		08/29/2011 08:56	1		CLP-1 0.53 (mm)
ZZZZZ		08/29/2011 09:12	1		CLP-2 0.53 (mm)
ZZZZZ		08/29/2011 09:12	1		CLP-1 0.53 (mm)
IC 460-84507/5		08/29/2011 09:29	1	of176813.d	CLP-2 0.53 (mm)
IC 460-84507/5		08/29/2011 09:29	1	or176813.d	CLP-1 0.53 (mm)
ZZZZZ		08/29/2011 09:45	1		CLP-2 0.53 (mm)
ZZZZZ		08/29/2011 09:45	1		CLP-1 0.53 (mm)
IC 460-84507/7		08/29/2011 10:01	1	of176815.d	CLP-2 0.53 (mm)
IC 460-84507/7		08/29/2011 10:01	1	or176815.d	CLP-1 0.53 (mm)
IC 460-84507/8		08/29/2011 10:18	1	of176816.d	CLP-2 0.53 (mm)
IC 460-84507/8		08/29/2011 10:18	1	or176816.d	CLP-1 0.53 (mm)
IC 460-84507/9		08/29/2011 10:34	1	of176817.d	CLP-2 0.53 (mm)
IC 460-84507/9		08/29/2011 10:34	1	or176817.d	CLP-1 0.53 (mm)
IC 460-84507/10		08/29/2011 10:51	1	of176818.d	CLP-2 0.53 (mm)
IC 460-84507/10		08/29/2011 10:51	1	or176818.d	CLP-1 0.53 (mm)
IC 460-84507/11		08/29/2011 11:08	1	of176819.d	CLP-2 0.53 (mm)
IC 460-84507/11		08/29/2011 11:08	1	or176819.d	CLP-1 0.53 (mm)
IC 460-84507/12		08/29/2011 11:24	1	of176820.d	CLP-2 0.53 (mm)
IC 460-84507/12		08/29/2011 11:24	1	or176820.d	CLP-1 0.53 (mm)
IC 460-84507/13		08/29/2011 11:41	1	of176821.d	CLP-2 0.53 (mm)
IC 460-84507/13		08/29/2011 11:41	1	or176821.d	CLP-1 0.53 (mm)
IC 460-84507/14		08/29/2011 11:57	1	of176822.d	CLP-2 0.53 (mm)
IC 460-84507/14		08/29/2011 11:57	1	or176822.d	CLP-1 0.53 (mm)
IC 460-84507/15		08/29/2011 12:13	1	of176823.d	CLP-2 0.53 (mm)
IC 460-84507/15		08/29/2011 12:13	1	or176823.d	CLP-1 0.53 (mm)
IC 460-84507/16		08/29/2011 12:30	1		CLP-2 0.53 (mm)
IC 460-84507/16		08/29/2011 12:30	1		CLP-1 0.53 (mm)
IC 460-84507/17		08/29/2011 12:45	1		CLP-2 0.53 (mm)
IC 460-84507/17		08/29/2011 12:45	1		CLP-1 0.53 (mm)
ZZZZZ		08/29/2011 13:01	1		CLP-2 0.53 (mm)
ZZZZZ		08/29/2011 13:01	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 09/21/2011 00:33Analysis Batch Number: 86903 End Date: 09/21/2011 03:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-86903/1		09/21/2011 00:33	1	of177827.d	CLP-2 0.53 (mm)
PIBLK 460-86903/1		09/21/2011 00:33	1	or177827.d	CLP-1 0.53 (mm)
CCVRT 460-86903/2		09/21/2011 00:57	1	of177828.d	CLP-2 0.53 (mm)
CCVRT 460-86903/2		09/21/2011 00:57	1	or177828.d	CLP-1 0.53 (mm)
MB 460-86701/1-A		09/21/2011 01:13	1	of177829.d	CLP-2 0.53 (mm)
MB 460-86701/1-A		09/21/2011 01:13	1	or177829.d	CLP-1 0.53 (mm)
LCS 460-86701/2-A		09/21/2011 01:29	1	of177830.d	CLP-2 0.53 (mm)
LCS 460-86701/2-A		09/21/2011 01:29	1	or177830.d	CLP-1 0.53 (mm)
LCSD 460-86701/3-A		09/21/2011 01:46	1	of177831.d	CLP-2 0.53 (mm)
LCSD 460-86701/3-A		09/21/2011 01:46	1	or177831.d	CLP-1 0.53 (mm)
ZZZZZ		09/21/2011 02:03	1		CLP-2 0.53 (mm)
ZZZZZ		09/21/2011 02:03	1		CLP-1 0.53 (mm)
ZZZZZ		09/21/2011 02:19	1		CLP-2 0.53 (mm)
ZZZZZ		09/21/2011 02:19	1		CLP-1 0.53 (mm)
460-31258-2	GW-17338-091611-MM-02	09/21/2011 02:36	1	of177834.d	CLP-2 0.53 (mm)
460-31258-2	GW-17338-091611-MM-02	09/21/2011 02:36	1	or177834.d	CLP-1 0.53 (mm)
460-31258-3	GW-17338-091611-MM-03	09/21/2011 02:52	1	of177835.d	CLP-2 0.53 (mm)
460-31258-3	GW-17338-091611-MM-03	09/21/2011 02:52	1	or177835.d	CLP-1 0.53 (mm)
PIBLK 460-86903/10		09/21/2011 03:08	1	of177836.d	CLP-2 0.53 (mm)
PIBLK 460-86903/10		09/21/2011 03:08	1	or177836.d	CLP-1 0.53 (mm)
CCV 460-86903/11		09/21/2011 03:25	1	of177837.d	CLP-2 0.53 (mm)
CCV 460-86903/11		09/21/2011 03:25	1	or177837.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 09/22/2011 13:23Analysis Batch Number: 87099 End Date: 09/22/2011 17:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-87099/1		09/22/2011 13:23	1	of177909.d	CLP-2 0.53 (mm)
PIBLK 460-87099/1		09/22/2011 13:23	1	or177909.d	CLP-1 0.53 (mm)
CCVRT 460-87099/2		09/22/2011 13:39	1	of177910.d	CLP-2 0.53 (mm)
CCVRT 460-87099/2		09/22/2011 13:39	1	or177910.d	CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 13:56	5		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 13:56	5		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 14:12	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 14:12	1		CLP-1 0.53 (mm)
MB 460-86756/1-A		09/22/2011 14:53	1	of177913.d	CLP-2 0.53 (mm)
MB 460-86756/1-A		09/22/2011 14:53	1	or177913.d	CLP-1 0.53 (mm)
LCS 460-86756/2-A		09/22/2011 15:08	1	of177914.d	CLP-2 0.53 (mm)
LCS 460-86756/2-A		09/22/2011 15:08	1	or177914.d	CLP-1 0.53 (mm)
LCSD 460-86756/3-A		09/22/2011 15:24	1	of177915.d	CLP-2 0.53 (mm)
LCSD 460-86756/3-A		09/22/2011 15:24	1	or177915.d	CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 15:40	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 15:40	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 15:56	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 15:56	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 16:13	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 16:13	1		CLP-1 0.53 (mm)
460-31258-1	GW-17338-091611-MM-01	09/22/2011 16:29	1	of177919.d	CLP-2 0.53 (mm)
460-31258-1	GW-17338-091611-MM-01	09/22/2011 16:29	1	or177919.d	CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 16:46	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 16:46	1		CLP-1 0.53 (mm)
PIBLK 460-87099/13		09/22/2011 17:02	1	of177921.d	CLP-2 0.53 (mm)
PIBLK 460-87099/13		09/22/2011 17:02	1	or177921.d	CLP-1 0.53 (mm)
CCV 460-87099/14		09/22/2011 17:19	1	of177922.d	CLP-2 0.53 (mm)
CCV 460-87099/14		09/22/2011 17:19	1	or177922.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i
Analytical Batch: /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11lical/29aug11a.b

Date Generated: 08/29/2011
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Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	FAC	SampleType	LOT	COMMENTS
08/29/11 0709	orl76808	✓	sgpibik_00008	29aug11a		15	10	1		1 SAMPLE		G
08/29/11 0726	orl76809	✓	SG1660L3_0001	29aug11a		15	10	1		1 SAMPLE		G Run
08/29/11 0856	orl76811	3	HEXANE	29aug11a		15	10	1		1 SAMPLE		✓
08/29/11 0912	orl76812	✓	sgpibik_00008	29aug11a		15	10	1		1 SAMPLE		G up
08/29/11 0929	orl76813	3	IC SG1660L1_00010			0	0	1		CALIB_1		G up down
08/29/11 0945	orl76814	6	SG1660L1_00010	29aug11a		15	10	1		1 SAMPLE		note
08/29/11 1001	orl76815	2	IC SG1660L2_00010			0	0	1		CALIB_2		G up down
08/29/11 1018	orl76816	8	IC SG1660L3_00013			0	0	1		CALIB_3		
08/29/11 1034	orl76817	7	IC SG1660L4_00010			0	0	1		CALIB_4		
08/29/11 1051	orl76818	6	IC SG1660L5_00010			0	0	1		CALIB_5		
08/29/11 1108	orl76819	11	IC SG1221L3_00012			0	0	1		CALIB_3		
08/29/11 1124	orl76820	12	IC SG1232L3_00011			0	0	1		CALIB_3		
08/29/11 1141	orl76821	13	IC SG1242L3_00011			0	0	1		CALIB_3		
08/29/11 1157	orl76822	14	IC SG1248L3_00010			0	0	1		CALIB_3		

Back w 8/29/11
8-29-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i
Analytical Batch: /chem1/PESTGC7.i/8082/rear/Aug11/08-29-11ical/29aug11a.b

Date Generated: 08/29/2011
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Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	FAC	SampleType	LOT	COMMENTS
08/29/11	1213	or176823	IC SG125413_00011			0	0	1		CALIB_3		
08/29/11	1230	or176824	IC SG126213_00010			0	0	1		CALIB_3		
08/29/11	1245	or176825	IC SG126813_00011			0	0	1		CALIB_3		
08/29/11	1301	or176826	SGPCB1CV_00004			15	10	1		BS		

Signed: [Signature] Read and Understood by: [Signature]
Date: 8/29/11 Date: 8/29/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.1

Analytical Batch: /chem1/PESTGC7.1/8082/rear/Sep11/09-20-11/20sep11f.b

Date Generated: 09/21/2011

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869.3

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
09/21/11 0033	or177827	1	sgpibik_00008	20sep11f		15	10	1	SAMPLE		g
09/21/11 0057	or177828	2	sg166013_00013	20sep11f		15	10	1	SAMPLE		g
09/21/11 0113	or177829	3	MB 460-86701/1-A	20sep11f		1000	5	1	BLANK		g
09/21/11 0129	or177830	4	LCS 460-86701/2-A			1000	5	1	BS		g
09/21/11 0146	or177831	5	LCS 460-86701/3-A			1000	5	1	BSD		g
09/21/11 0203	or177832	6	460-31278-D-1-A	460-86701	09/20/11	1995	5	1	SAMPLE		g
09/21/11 0219	or177833	7	460-31258-F-1-A	460-86701	09/20/11	1950	5	1	SAMPLE		g
09/21/11 0236	or177834	8	460-31258-H-2-A	460-86701	09/20/11	1845	5	1	SAMPLE		g
09/21/11 0252	or177835	9	460-31258-G-3-A	460-86701	09/20/11	1890	5	1	SAMPLE		g
09/21/11 0308	or177836	10	sgpibik_00008	20sep11f		15	10	1	SAMPLE		g
09/21/11 0325	or177837	11	ccv sg166013_00013	20sep11f		15	10	1	SAMPLE		g

Signed: Subhan Read and Understood by: Pyff
Date: 9/21/11 Date: 9/21/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PSTGC7.i
Analytical Batch: /chem1/PSTGC7.i/8082/rear/Sep11/09-22-11/22sep11b.b

Date Generated: 09/23/2011
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Talks batch: 87099

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/IW	FV	DIL	SampleType	LOT	COMMENTS
09/22/11	1323	0x177909	SGPIBLK_00008	22sep11b	-	2	10	1	INSTBLANK	-	629
09/22/11	1339	0x177910	CCVRTSG1660L3_00013	-	-	0	0	1	CCALIB_3	-	6 R 471
09/22/11	1356	0x177911	460-31303-F-5-A	460-86746	09/21/11	15.0	10	5	SAMPLE	-	61242
09/22/11	1412	0x177912	hexane	22sep11b	-	1000	5	1	SAMPLE	-	-
09/22/11	1453	0x177913	MB 460-86756/1-A	22sep11b	-	1000	5	1	BLANK	-	629
09/22/11	1508	0x177914	LCS 460-86756/2-A	-	-	1000	5	1	BS	-	629
09/22/11	1524	0x177915	LCSD 460-86756/3-A	-	-	1000	5	1	BSD	-	629
09/22/11	1540	0x177916	460-31360-J-1-A	460-86756	09/21/11	1000	5	1	SAMPLE	-	629
09/22/11	1556	0x177917	460-31339-H-1-A	460-86756	09/21/11	880	5	1	SAMPLE	-	629
09/22/11	1613	0x177918	460-31339-H-2-A	460-86756	09/21/11	880	5	1	SAMPLE	-	629
09/22/11	1629	0x177919	460-31258-F-1-B	460-86756	09/21/11	900	5	1	SAMPLE	-	629
09/22/11	1646	0x177920	460-30980-K-2-B	460-86756	09/21/11	1000	5	1	SAMPLE	-	629
09/22/11	1702	0x177921	SGPIBLK_00008	22sep11b	-	2	10	1	INSTBLANK	-	629
09/22/11	1719	0x177922	CCV-SG1660L3_00013	-	-	0	0	1	CCALIB_3	-	6 R 471

Signed: P. Guehl Read and Understood by: G. Green

9-24-11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86701 Batch Start Date: 09/20/11 16:52 Batch Analyst: Schultz, Scott CBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00016	OPPSTPCBSU 00017	AnalysisComment	
MB 460-86701/1		3510C, 8082		1000 mL	5 mL		50 uL		
LCS 460-86701/2		3510C, 8082		1000 mL	5 mL	50 uL	50 uL		
LCSD 460-86701/3		3510C, 8082		1000 mL	5 mL	50 uL	50 uL		
460-31258-H-2	GW-17338-091611-MM-02	3510C, 8082	T	845 mL	5 mL		50 uL		
460-31258-G-3	GW-17338-091611-MM-03	3510C, 8082	T	890 mL	5 mL		50 uL	sample mostly muddy - difficult extraction	

Batch Notes	
Batch Comment	8082 PCB waters
Person's name who did the concentration	SCS
Exchange Solvent Lot #	J52E11
Exchange Solvent Name	hexane
Final Concentrator Volume	5 mls mL
Na2SO4 Lot Number	J51636
Prep Solvent Lot #	K24E11
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180mls mL
Person's name who did the prep	SCS
Person's name who witnessed reagent drop	Jose

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86756 Batch Start Date: 09/21/11 07:54 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: 09/21/11 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00016	OPPSTPCBSU 00018	
MB 460-86756/1		3510C, 8082		7	1000 mL	5 mL		50 uL	
LCS 460-86756/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
LCSD 460-86756/3		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
460-31258-F-1	GW-17338-091611-MM-01	3510C, 8082	T	7	900 mL	5 mL		50 uL	

Batch Notes	
Concentration End Time	1500
Concentration Start Time	1400
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	J52E11
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	J51636
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K24E11
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-31258-1

SDG No.: _____

Project: GM Wilmington

Client Sample ID	Lab Sample ID
<u>GW-17338-091611-MM-01</u>	<u>460-31258-1</u>
<u>GW-17338-091611-MM-02</u>	<u>460-31258-2</u>
<u>GW-17338-091611-MM-03</u>	<u>460-31258-3</u>
<u>FB-17338-091611-MM-05</u>	<u>460-31258-5</u>

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG ID.:

Matrix: Water

Date Sampled: 09/16/2011 08:30

Reporting Basis: WET

Date Received: 09/16/2011 19:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5870	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	70.1	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	43000	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	14.0	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	4350	150	40.2	ug/L			1	6010B
7439-92-1	Lead	2.9	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	9690	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	30.7	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	4.7	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	9010	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	139000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	22.5	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	16.4	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GW-17338-091611-MM-01

Lab Sample ID: 460-31258-1

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG ID.:

Matrix: Water

Date Sampled: 09/16/2011 08:30

Reporting Basis: WET

Date Received: 09/16/2011 19:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	329	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	3.9	5.0	3.8	ug/L	J		1	6010B
7440-39-3	Barium	48.7	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	40000	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.1	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	3590	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.7	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	9230	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	23.5	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	4.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	8580	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	138000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	7.4	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	7.8	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG ID.:

Matrix: Water

Date Sampled: 09/16/2011 10:50

Reporting Basis: WET

Date Received: 09/16/2011 19:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	35300	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	317	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	122000	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	59.0	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	14.6	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	25700	150	40.2	ug/L			1	6010B
7439-92-1	Lead	14.3	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	10300	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	437	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	36.6	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	14100	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	73500	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	53.5	50.0	2.0	ug/L			1	6010B
7440-66-6	Zinc	52.2	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GW-17338-091611-MM-02

Lab Sample ID: 460-31258-2

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG ID.:

Matrix: Water

Date Sampled: 09/16/2011 10:50

Reporting Basis: WET

Date Received: 09/16/2011 19:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	362	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	118	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	66000	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	3.8	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	2840	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	7180	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	54600	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	6.0	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG ID.:

Matrix: Water

Date Sampled: 09/16/2011 12:15

Reporting Basis: WET

Date Received: 09/16/2011 19:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	22500	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	127	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	0.95	2.0	0.94	ug/L	J		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	26300	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	29.9	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	17.4	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	9.2	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	42300	150	40.2	ug/L			1	6010B
7439-92-1	Lead	8.6	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	5540	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	498	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	20.6	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	3980	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	10200	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	44.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	32.7	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GW-17338-091611-MM-03

Lab Sample ID: 460-31258-3

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG ID.:

Matrix: Water

Date Sampled: 09/16/2011 12:15

Reporting Basis: WET

Date Received: 09/16/2011 19:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	51.1	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	28800	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	5090	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	129	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	3740	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	11800	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB-17338-091611-MM-05

Lab Sample ID: 460-31258-5

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG ID.:

Matrix: Water

Date Sampled: 09/16/2011 07:30

Reporting Basis: WET

Date Received: 09/16/2011 19:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	200	200	3.2	ug/L	U		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	5000	5000	72.2	ug/L	U		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	5000	5000	56.9	ug/L	U		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	5000	5000	341	ug/L	U		1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00038 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00038

Analyte	ICV 460-86853/16 09/21/2011 15:33				CCV 460-86853/28 09/21/2011 16:17				CCV 460-86853/40 09/21/2011 17:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124600		125000	100	124000		125000	99	124500		125000	100
Antimony	1024		1000	102	1010		1000	101	1014		1000	101
Arsenic	2512		2500	100	2482		2500	99	2492		2500	100
Barium	10170		10000	102	10020		10000	100	10070		10000	101
Beryllium	995.3		1000	100	983.8		1000	98	989.9		1000	99
Cadmium	1277		1250	102	1259		1250	101	1266		1250	101
Calcium	128300		125000	103	126500		125000	101	127300		125000	102
Chromium	5078		5000	102	4985		5000	100	4989		5000	100
Cobalt	2525		2500	101	2488		2500	100	2500		2500	100
Copper	12500		12500	100	12390		12500	99	12430		12500	99
Iron	102100		100000	102	99570		100000	100	100200		100000	100
Lead	7635		7500	102	7533		7500	100	7570		7500	101
Magnesium	126700		125000	101	124200		125000	99	124700		125000	100
Manganese	5152		5000	103	5029		5000	101	5068		5000	101
Nickel	2560		2500	102	2524		2500	101	2537		2500	101
Potassium	50040		50000	100	49500		50000	99	49890		50000	100
Selenium	2478		2500	99	2454		2500	98	2465		2500	99
Silver	1253		1250	100	1227		1250	98	1231		1250	98
Sodium	124600		125000	100	122700		125000	98	124100		125000	99
Thallium	2561		2500	102	2564		2500	103	2561		2500	102
Vanadium	2526		2500	101	2467		2500	99	2479		2500	99
Zinc	2540		2500	102	2500		2500	100	2516		2500	101

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00038 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00038

Analyte	ICV 460-87008/6 09/22/2011 10:28				CCV 460-87008/42 09/22/2011 12:43				CCV 460-87008/54 09/22/2011 13:29			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	123100		125000	98	122900		125000	98	122800		125000	98
Antimony	1020		1000	102	1006		1000	101	1006		1000	101
Arsenic	2483		2500	99	2477		2500	99	2470		2500	99
Barium	10080		10000	101	10050		10000	101	10050		10000	101
Beryllium	976.3		1000	98	977.4		1000	98	978.3		1000	98
Cadmium	1265		1250	101	1261		1250	101	1259		1250	101
Calcium	125100		125000	100	125600		125000	100	125800		125000	101
Chromium	5006		5000	100	5022		5000	100	5010		5000	100
Cobalt	2504		2500	100	2496		2500	100	2493		2500	100
Copper	12300		12500	98	12320		12500	99	12330		12500	99
Iron	99680		100000	100	100800		100000	101	100500		100000	101
Lead	7573		7500	101	7540		7500	101	7532		7500	100
Magnesium	124400		125000	100	124500		125000	100	124300		125000	99
Manganese	5050		5000	101	5037		5000	101	5041		5000	101
Nickel	2540		2500	102	2533		2500	101	2531		2500	101
Potassium	48980		50000	98	49530		50000	99	49740		50000	99
Selenium	2442		2500	98	2433		2500	97	2435		2500	97
Silver	1222		1250	98	1236		1250	99	1233		1250	99
Sodium	121300		125000	97	122700		125000	98	123000		125000	98
Thallium	2566		2500	103	2566		2500	103	2565		2500	103
Vanadium	2466		2500	99	2495		2500	100	2485		2500	99
Zinc	2510		2500	100	2505		2500	100	2506		2500	100

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00038 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00038

Analyte	ICV 460-87983/6 09/30/2011 18:27				CCV 460-87983/54 09/30/2011 21:25				CCV 460-87983/66 09/30/2011 22:10			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125000		125000	100	126700		125000	101	126200		125000	101
Antimony	1021		1000	102	1006		1000	101	1006		1000	101
Arsenic	2504		2500	100	2483		2500	99	2487		2500	99
Barium	10130		10000	101	10060		10000	101	10040		10000	100
Beryllium	998.3		1000	100	1004		1000	100	1000		1000	100
Cadmium	1272		1250	102	1261		1250	101	1262		1250	101
Calcium	127000		125000	102	127800		125000	102	126900		125000	102
Chromium	5055		5000	101	5011		5000	100	5011		5000	100
Cobalt	2514		2500	101	2492		2500	100	2490		2500	100
Copper	12510		12500	100	12620		12500	101	12560		12500	100
Iron	100700		100000	101	99780		100000	100	99930		100000	100
Lead	7607		7500	101	7546		7500	101	7558		7500	101
Magnesium	125900		125000	101	124800		125000	100	125100		125000	100
Manganese	5133		5000	103	5077		5000	102	5071		5000	101
Nickel	2552		2500	102	2526		2500	101	2528		2500	101
Potassium	49380		50000	99	50010		50000	100	50000		50000	100
Selenium	2471		2500	99	2447		2500	98	2452		2500	98
Silver	1242		1250	99	1234		1250	99	1236		1250	99
Sodium	123300		125000	99	125500		125000	100	125000		125000	100
Thallium	2574		2500	103	2532		2500	101	2533		2500	101
Vanadium	2491		2500	100	2472		2500	99	2475		2500	99
Zinc	2510		2500	100	2496		2500	100	2497		2500	100

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00038 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00038

Analyte	CCV 460-87983/78 09/30/2011 22:55											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125500		125000	100								
Antimony	1008		1000	101								
Arsenic	2485		2500	99								
Barium	10040		10000	100								
Beryllium	995.6		1000	100								
Cadmium	1261		1250	101								
Calcium	126500		125000	101								
Chromium	5009		5000	100								
Cobalt	2492		2500	100								
Copper	12490		12500	100								
Iron	99900		100000	100								
Lead	7555		7500	101								
Magnesium	124900		125000	100								
Manganese	5063		5000	101								
Nickel	2526		2500	101								
Potassium	49970		50000	100								
Selenium	2451		2500	98								
Silver	1236		1250	99								
Sodium	124500		125000	100								
Thallium	2540		2500	102								
Vanadium	2471		2500	99								
Zinc	2496		2500	100								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00631 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00631

Analyte	ICV 460-86785/21-A 09/21/2011 12:39				CCV 460-86785/23-A 09/21/2011 13:37				CCV 460-86785/23-A 09/21/2011 13:55			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.05		5.00	101	5.09		5.00	102	4.88		5.00	98

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00631 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00631

Analyte	CCV 460-86785/23-A 09/21/2011 14:14				CCV 460-86785/23-A 09/21/2011 14:35							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.04		5.00	101	4.97		5.00	99				

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00641 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00641

Analyte	ICV 460-88358/20-A 10/05/2011 13:50				CCV 460-88358/22-A 10/05/2011 15:05				CCV 460-88358/22-A 10/05/2011 15:24			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.04		5.00	101	5.19		5.00	104	5.24		5.00	105

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00641 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00641

Analyte	CCV 460-88358/22-A 10/05/2011 15:44				CCV 460-88358/22-A 10/05/2011 16:05							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.14		5.00	103	5.21		5.00	104				

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

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-86853/17 09/21/2011 15:36		CCB 460-86853/29 09/21/2011 16:21		CCB 460-86853/41 09/21/2011 17:06			
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U		
Antimony	10.0	10.0	U	10.0	U	4.61	J		
Arsenic	5.0	5.0	U	5.0	U	5.0	U		
Barium	200	200	U	200	U	200	U		
Beryllium	2.0	2.0	U	2.0	U	2.0	U		
Cadmium	5.0	5.0	U	5.0	U	5.0	U		
Calcium	5000	5000	U	5000	U	5000	U		
Chromium	10.0	10.0	U	10.0	U	10.0	U		
Cobalt	50.0	50.0	U	50.0	U	50.0	U		
Copper	25.0	25.0	U	25.0	U	25.0	U		
Iron	150	150	U	150	U	150	U		
Lead	5.0	5.0	U	5.0	U	5.0	U		
Magnesium	5000	5000	U	5000	U	5000	U		
Manganese	15.0	15.0	U	15.0	U	15.0	U		
Nickel	40.0	40.0	U	40.0	U	40.0	U		
Potassium	5000	5000	U	5000	U	5000	U		
Selenium	10.0	10.0	U	10.0	U	10.0	U		
Silver	10.0	10.0	U	10.0	U	10.0	U		
Sodium	5000	5000	U	5000	U	5000	U		
Thallium	10.0	10.0	U	10.0	U	10.0	U		
Vanadium	50.0	50.0	U	50.0	U	50.0	U		
Zinc	30.0	30.0	U	30.0	U	30.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-87008/7 09/22/2011 10:32		CCB 460-87008/43 09/22/2011 12:47		CCB 460-87008/55 09/22/2011 13:33			
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U		
Antimony	10.0	6.11	J	6.44	J	4.64	J		
Arsenic	5.0	5.0	U	5.0	U	5.0	U		
Barium	200	200	U	200	U	200	U		
Beryllium	2.0	2.0	U	2.0	U	2.0	U		
Cadmium	5.0	5.0	U	5.0	U	5.0	U		
Calcium	5000	5000	U	5000	U	5000	U		
Chromium	10.0	10.0	U	10.0	U	10.0	U		
Cobalt	50.0	50.0	U	50.0	U	50.0	U		
Copper	25.0	25.0	U	25.0	U	25.0	U		
Iron	150	150	U	150	U	150	U		
Lead	5.0	5.0	U	5.0	U	5.0	U		
Magnesium	5000	5000	U	5000	U	5000	U		
Manganese	15.0	15.0	U	15.0	U	15.0	U		
Nickel	40.0	40.0	U	40.0	U	40.0	U		
Potassium	5000	5000	U	5000	U	5000	U		
Selenium	10.0	10.0	U	10.0	U	10.0	U		
Silver	10.0	10.0	U	10.0	U	10.0	U		
Sodium	5000	5000	U	5000	U	5000	U		
Thallium	10.0	10.0	U	10.0	U	10.0	U		
Vanadium	50.0	50.0	U	50.0	U	50.0	U		
Zinc	30.0	30.0	U	30.0	U	30.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-87983/7 09/30/2011 18:30		CCB 460-87983/55 09/30/2011 21:28		CCB 460-87983/67 09/30/2011 22:13		CCB 460-87983/79 09/30/2011 22:59	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	200	U	200	U	200	U	200	U
Beryllium	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Calcium	5000	5000	U	5000	U	5000	U	5000	U
Chromium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cobalt	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Copper	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Iron	150	150	U	150	U	150	U	150	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000	5000	U	5000	U	5000	U	5000	U
Manganese	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Nickel	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Potassium	5000	5000	U	5000	U	5000	U	5000	U
Selenium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	5000	5000	U	5000	U	5000	U	5000	U
Thallium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Vanadium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zinc	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-86825/8 09/21/2011 12:41		CCB 460-86825/38 09/21/2011 13:39		CCB 460-86825/48 09/21/2011 13:58		CCB 460-86825/58 09/21/2011 14:16	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-86825/69 09/21/2011 14:37							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-88399/8 10/05/2011 13:52		CCB 460-88399/47 10/05/2011 15:07		CCB 460-88399/57 10/05/2011 15:25		CCB 460-88399/67 10/05/2011 15:46	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-88399/78 10/05/2011 16:06							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-86800/1-A
 Instrument Code: ICP4 Batch No.: 86853

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-87869/1-A
 Instrument Code: ICP4 Batch No.: 87983

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-86793/1-A
Instrument Code: LEEMAN3 Batch No.: 86825

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-88373/1-A
Instrument Code: LEEMAN3 Batch No.: 88399

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-86853/18 Instrument ID: ICP4
 Lab File ID: 09212011.asc ICS Source: ME_ICSA_Duo_00033
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	505500	101
Antimony		2.91	
Arsenic		2.43	
Barium		2.87	
Beryllium		-0.138	
Cadmium		-0.825	
Calcium	500000	445500	89
Chromium		0.227	
Cobalt		-0.896	
Copper		-0.793	
Iron	200000	199500	100
Lead		-8.01	
Magnesium	500000	513600	103
Manganese		-2.12	
Nickel		-0.654	
Potassium		53.0	
Selenium		-8.76	
Silver		0.385	
Sodium		-97.4	
Thallium		0.708	
Vanadium		-3.01	
Zinc		3.37	
Boron		80.1	
Molybdenum		-2.38	
Strontium		-4.01	
Tin		-0.243	
Titanium		-7.42	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-86853/19 Instrument ID: ICP4
 Lab File ID: 09212011.asc ICS Source: ME_ICSAB_DUO_00031
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	511100	102
Antimony	100	95.5	96
Arsenic	100	99.1	99
Barium	100	105	105
Beryllium	100	101	101
Cadmium	100	98.3	98
Calcium	500000	445100	89
Chromium	100	104	104
Cobalt	100	97.5	97
Copper	100	98.6	99
Iron	200000	199600	100
Lead	100	91.9	92
Magnesium	500000	518500	104
Manganese	100	101	101
Nickel	100	96.4	96
Potassium	10000	10760	108
Selenium	100	89.5	89
Silver	100	105	105
Sodium	10000	10570	106
Thallium	100	95.2	95
Vanadium	100	98.5	99
Zinc	100	103	103
<i>Molybdenum</i>	<i>100</i>	<i>97.1</i>	<i>97</i>
<i>Strontium</i>	<i>100</i>	<i>113</i>	<i>113</i>
<i>Tin</i>	<i>100</i>	<i>91.8</i>	<i>92</i>
<i>Titanium</i>	<i>100</i>	<i>90.9</i>	<i>91</i>

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-87008/8 Instrument ID: ICP4
 Lab File ID: 09222011.asc ICS Source: ME_ICSA_Duo_00034
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	497500	100
Antimony		-1.76	
Arsenic		-1.48	
Barium		1.87	
Beryllium		-0.0488	
Cadmium		-0.700	
Calcium	500000	448900	90
Chromium		-0.328	
Cobalt		-0.296	
Copper		-0.719	
Iron	200000	196400	98
Lead		-0.288	
Magnesium	500000	503800	101
Manganese		-2.26	
Nickel		-1.57	
Potassium		-17.0	
Selenium		-2.97	
Silver		0.639	
Sodium		-121	
Thallium		-0.338	
Vanadium		-2.61	
Zinc		0.798	
Boron		5.95	
Molybdenum		-2.49	
Strontium		-4.12	
Tin		-0.111	
Titanium		21.6	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-87008/9 Instrument ID: ICP4
 Lab File ID: 09222011.asc ICS Source: ME_ICSAB_DUO_00032
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	502400	100
Antimony	100	99.0	99
Arsenic	100	98.8	99
Barium	100	104	104
Beryllium	100	99.0	99
Cadmium	100	97.3	97
Calcium	500000	450500	90
Chromium	100	103	103
Cobalt	100	97.5	98
Copper	100	101	101
Iron	200000	200800	100
Lead	100	97.2	97
Magnesium	500000	516900	103
Manganese	100	99.3	99
Nickel	100	96.7	97
Potassium	10000	10570	106
Selenium	100	93.4	93
Silver	100	105	105
Sodium	10000	10380	104
Thallium	100	92.3	92
Vanadium	100	99.5	100
Zinc	100	103	103
<i>Boron</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Molybdenum</i>	<i>100</i>	<i>96.4</i>	<i>96</i>
<i>Strontium</i>	<i>100</i>	<i>111</i>	<i>111</i>
<i>Tin</i>	<i>100</i>	<i>90.8</i>	<i>91</i>
<i>Titanium</i>	<i>100</i>	<i>119</i>	<i>119</i>

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-87983/8 Instrument ID: ICP4
 Lab File ID: 09302011A.asc ICS Source: ME_ICSA_Duo_00034
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	502600	101
Antimony		-0.475	
Arsenic		-1.10	
Barium		0.415	
Beryllium		-0.120	
Cadmium		-0.418	
Calcium	500000	461400	92
Chromium		-0.637	
Cobalt		-0.707	
Copper		-5.35	
Iron	200000	198100	99
Lead		-1.21	
Magnesium	500000	511800	102
Manganese		-0.0800	
Nickel		-0.811	
Potassium		-177	
Selenium		-0.0848	
Silver		0.728	
Sodium		-94.0	
Thallium		4.53	
Vanadium		-2.13	
Zinc		-0.363	
Boron		4.92	
Molybdenum		-2.78	
Strontium		-4.12	
Tin		0.270	
Titanium		-0.280	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-87983/9 Instrument ID: ICP4
 Lab File ID: 09302011A.asc ICS Source: ME_ICSAB_DUO_00032
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	511100	102
Antimony	100	98.4	98
Arsenic	100	97.6	98
Barium	100	102	102
Beryllium	100	101	101
Cadmium	100	97.2	97
Calcium	500000	466400	93
Chromium	100	102	102
Cobalt	100	96.6	97
Copper	100	97.8	98
Iron	200000	201700	101
Lead	100	96.2	96
Magnesium	500000	522500	104
Manganese	100	103	103
Nickel	100	95.6	96
Potassium	10000	10300	103
Selenium	100	98.6	99
Silver	100	107	107
Sodium	10000	10510	105
Thallium	100	94.7	95
Vanadium	100	99.4	99
Zinc	100	101	101
<i>Boron</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Molybdenum</i>	<i>100</i>	<i>94.8</i>	<i>95</i>
<i>Strontium</i>	<i>100</i>	<i>113</i>	<i>113</i>
<i>Tin</i>	<i>100</i>	<i>91.1</i>	<i>91</i>
<i>Titanium</i>	<i>100</i>	<i>94.6</i>	<i>95</i>

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31227-H-1-E MS
Lab Name: TestAmerica Edison Job No.: 460-31258-1
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
Mercury	1.04	0.20 U	1.00	104	75-125		7470A

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31356-Q-3-B MS
 Lab Name: TestAmerica Edison Job No.: 460-31258-1
 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
Aluminum	1999	200 U	2000	100	75-125		6010B
Antimony	500.1	10.0 U	500	100	75-125		6010B
Arsenic	1965	5.0 U	2000	98	75-125		6010B
Barium	2751	697	2000	103	75-125		6010B
Beryllium	49.60	2.0 U	50.0	99	75-125		6010B
Cadmium	50.40	5.0 U	50.0	101	75-125		6010B
Calcium	84610	63300	20000	106	75-125		6010B
Chromium	200.0	10.0 U	200	100	75-125		6010B
Cobalt	497.8	50.0 U	500	100	75-125		6010B
Copper	249.2	25.0 U	250	100	75-125		6010B
Iron	1039	150 U	1000	104	75-125		6010B
Lead	511.8	3.1 J	500	102	75-125		6010B
Magnesium	37680	17900	20000	99	75-125		6010B
Manganese	541.0	22.7	500	104	75-125		6010B
Nickel	506.1	40.0 U	500	101	75-125		6010B
Potassium	20890	1430 J	20000	97	75-125		6010B
Selenium	1885	10.0 U	2000	94	75-125		6010B
Silver	47.23	10.0 U	50.0	94	75-125		6010B
Sodium	31900	12000	20000	100	75-125		6010B
Thallium	2076	10.0 U	2000	104	75-125		6010B
Vanadium	504.7	6.3 J	500	100	75-125		6010B
Zinc	506.3	10.6 J	500	99	75-125		6010B

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31492-Q-2-D MS
 Lab Name: TestAmerica Edison Job No.: 460-31258-1
 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
Aluminum	2117	200 U	2000	106	75-125		6010B
Antimony	497.6	10.0 U	500	100	75-125		6010B
Arsenic	1953	5.0 U	2000	98	75-125		6010B
Barium	3537	1560	2000	99	75-125		6010B
Beryllium	51.14	2.0 U	50.0	102	75-125		6010B
Cadmium	51.09	5.0 U	50.0	102	75-125		6010B
Calcium	56020	36000	20000	100	75-125		6010B
Chromium	204.3	10.0 U	200	102	75-125		6010B
Cobalt	510.5	50.0 U	500	102	75-125		6010B
Copper	255.1	25.0 U	250	102	75-125		6010B
Iron	1054	46.3 J	1000	101	75-125		6010B
Lead	520.8	5.0 U	500	104	75-125		6010B
Magnesium	31210	11700	20000	98	75-125		6010B
Manganese	2571	2120	500	91	75-125	4	6010B
Nickel	518.2	40.0 U	500	104	75-125		6010B
Potassium	20740	963 J	20000	99	75-125		6010B
Selenium	1911	10.0 U	2000	96	75-125		6010B
Silver	49.58	10.0 U	50.0	99	75-125		6010B
Sodium	30440	10500	20000	100	75-125		6010B
Thallium	2084	10.0 U	2000	104	75-125		6010B
Vanadium	498.3	50.0 U	500	100	75-125		6010B
Zinc	504.3	30.0 U	500	101	75-125		6010B

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31813-D-7-D MS
Lab Name: TestAmerica Edison Job No.: 460-31258-1
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
Mercury	0.927	0.20	U 1.00	93	75-125		7470A

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____

Lab ID: 460-31356-Q-3-A PDS

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2020	200 U	2000	101	75-125		6010B
Antimony	494.8	10.0 U	500	99	75-125		6010B
Arsenic	1939	5.0 U	2000	97	75-125		6010B
Barium	2705	697	2000	100	75-125		6010B
Beryllium	49.89	2.0 U	50.0	100	75-125		6010B
Cadmium	50.95	5.0 U	50.0	102	75-125		6010B
Calcium	82380	63300	20000	95	75-125		6010B
Chromium	202.3	10.0 U	200	101	75-125		6010B
Cobalt	505.1	50.0 U	500	101	75-125		6010B
Copper	253.1	25.0 U	250	101	75-125		6010B
Iron	1032	150 U	1000	103	75-125		6010B
Lead	522.0	3.1 J	500	104	75-125		6010B
Magnesium	37190	17900	20000	97	75-125		6010B
Manganese	542.3	22.7	500	104	75-125		6010B
Nickel	512.1	40.0 U	500	102	75-125		6010B
Potassium	20980	1430 J	20000	98	75-125		6010B
Selenium	1917	10.0 U	2000	96	75-125		6010B
Silver	47.46	10.0 U	50.0	95	75-125		6010B
Sodium	31530	12000	20000	98	75-125		6010B
Thallium	2105	10.0 U	2000	105	75-125		6010B
Vanadium	504.5	6.3 J	500	100	75-125		6010B
Zinc	511.9	10.6 J	500	100	75-125		6010B

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31492-Q-2-C PDS
 Lab Name: TestAmerica Edison Job No.: 460-31258-1
 SDG No.: _____
 Matrix: Water Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2087	200 U	2000	104	75-125		6010B
Antimony	495.0	10.0 U	500	99	75-125		6010B
Arsenic	1936	5.0 U	2000	97	75-125		6010B
Barium	3519	1560	2000	98	75-125		6010B
Beryllium	50.65	2.0 U	50.0	101	75-125		6010B
Cadmium	50.76	5.0 U	50.0	102	75-125		6010B
Calcium	55470	36000	20000	98	75-125		6010B
Chromium	202.9	10.0 U	200	101	75-125		6010B
Cobalt	506.9	50.0 U	500	101	75-125		6010B
Copper	256.6	25.0 U	250	103	75-125		6010B
Iron	1052	46.3 J	1000	101	75-125		6010B
Lead	518.4	5.0 U	500	104	75-125		6010B
Magnesium	30950	11700	20000	97	75-125		6010B
Manganese	2559	2120	500	89	75-125		6010B
Nickel	514.5	40.0 U	500	103	75-125		6010B
Potassium	20590	963 J	20000	98	75-125		6010B
Selenium	1910	10.0 U	2000	96	75-125		6010B
Silver	48.01	10.0 U	50.0	96	75-125		6010B
Sodium	30090	10500	20000	98	75-125		6010B
Thallium	2130	10.0 U	2000	107	75-125		6010B
Vanadium	494.6	50.0 U	500	99	75-125		6010B
Zinc	501.0	30.0 U	500	100	75-125		6010B

SSR = Spiked Sample Result

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-31227-A-1-B DU
Lab Name: TestAmerica Edison Job No.: 460-31258-1
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
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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-31356-A-3-A DU
 Lab Name: TestAmerica Edison Job No.: 460-31258-1
 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
Aluminum	200	200 U	200 U	NC		6010B
Antimony	10.0	10.0 U	10.0 U	NC		6010B
Arsenic	5.0	5.0 U	5.0 U	NC		6010B
Barium	200	697	702.5	0.7		6010B
Beryllium	2.0	2.0 U	2.0 U	NC		6010B
Cadmium	5.0	5.0 U	5.0 U	NC		6010B
Calcium	5000	63300	63910	0.9		6010B
Chromium	10.0	10.0 U	10.0 U	NC		6010B
Cobalt	50.0	50.0 U	50.0 U	NC		6010B
Copper	25.0	25.0 U	25.0 U	NC		6010B
Iron	150	150 U	150 U	NC		6010B
Lead	5.0	3.1 J	5.71	60		6010B
Magnesium	5000	17900	18070	1		6010B
Manganese	15.0	22.7	22.92	1		6010B
Nickel	40.0	40.0 U	40.0 U	NC		6010B
Potassium	5000	1430 J	1435 J	0.6		6010B
Selenium	10.0	10.0 U	10.0 U	NC		6010B
Silver	10.0	10.0 U	10.0 U	NC		6010B
Sodium	5000	12000	12080	1		6010B
Thallium	10.0	10.0 U	10.0 U	NC		6010B
Vanadium	50.0	6.3 J	7.21 J	14		6010B
Zinc	30.0	10.6 J	10.78 J	1		6010B

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-31492-A-2-B DU
 Lab Name: TestAmerica Edison Job No.: 460-31258-1
 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
Aluminum	200	200 U	200 U	NC		6010B
Antimony	10.0	10.0 U	10.0 U	NC		6010B
Arsenic	5.0	5.0 U	5.0 U	NC		6010B
Barium	200	1560	1557	0.3		6010B
Beryllium	2.0	2.0 U	2.0 U	NC		6010B
Cadmium	5.0	5.0 U	5.0 U	NC		6010B
Calcium	5000	36000	35710	0.7		6010B
Chromium	10.0	10.0 U	10.0 U	NC		6010B
Cobalt	50.0	50.0 U	50.0 U	NC		6010B
Copper	25.0	25.0 U	25.0 U	NC		6010B
Iron	150	46.3 J	48.77 J	5		6010B
Lead	5.0	5.0 U	5.0 U	NC		6010B
Magnesium	5000	11700	11630	0.2		6010B
Manganese	15.0	2120	2108	0.3		6010B
Nickel	40.0	40.0 U	40.0 U	NC		6010B
Potassium	5000	963 J	958.5 J	0.4		6010B
Selenium	10.0	10.0 U	10.0 U	NC		6010B
Silver	10.0	10.0 U	10.0 U	NC		6010B
Sodium	5000	10500	10470	0.3		6010B
Thallium	10.0	10.0 U	10.0 U	NC		6010B
Vanadium	50.0	50.0 U	50.0 U	NC		6010B
Zinc	30.0	30.0 U	30.0 U	NC		6010B

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-31813-D-7-C DU
Lab Name: TestAmerica Edison Job No.: 460-31258-1
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
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 460-86800/2-A

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00026

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2006		100	80	120		6010B
Antimony	500	495.9		99	80	120		6010B
Arsenic	2000	1945		97	80	120		6010B
Barium	2000	2064		103	80	120		6010B
Beryllium	50.0	48.99		98	80	120		6010B
Cadmium	50.0	50.87		102	80	120		6010B
Calcium	20000	21090		105	80	120		6010B
Chromium	200	200.6		100	80	120		6010B
Cobalt	500	508.5		102	80	120		6010B
Copper	250	247.9		99	80	120		6010B
Iron	1000	999.6		100	80	120		6010B
Lead	500	519.4		104	80	120		6010B
Magnesium	20000	19510		98	80	120		6010B
Manganese	500	519.3		104	80	120		6010B
Nickel	500	517.6		104	80	120		6010B
Potassium	20000	19170		96	80	120		6010B
Selenium	2000	1881		94	80	120		6010B
Silver	50.0	46.78		94	80	120		6010B
Sodium	20000	19490		97	80	120		6010B
Thallium	2000	2136		107	80	120		6010B
Vanadium	500	488.9		98	80	120		6010B
Zinc	500	499.8		100	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-87869/2-A

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00026

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2058		103	80	120		6010B
Antimony	500	495.1		99	80	120		6010B
Arsenic	2000	1935		97	80	120		6010B
Barium	2000	2035		102	80	120		6010B
Beryllium	50.0	50.58		101	80	120		6010B
Cadmium	50.0	51.29		103	80	120		6010B
Calcium	20000	21030		105	80	120		6010B
Chromium	200	203.3		102	80	120		6010B
Cobalt	500	514.2		103	80	120		6010B
Copper	250	256.9		103	80	120		6010B
Iron	1000	1017		102	80	120		6010B
Lead	500	526.7		105	80	120		6010B
Magnesium	20000	19850		99	80	120		6010B
Manganese	500	525.8		105	80	120		6010B
Nickel	500	522.3		104	80	120		6010B
Potassium	20000	19790		99	80	120		6010B
Selenium	2000	1914		96	80	120		6010B
Silver	50.0	49.57		99	80	120		6010B
Sodium	20000	20030		100	80	120		6010B
Thallium	2000	2182		109	80	120		6010B
Vanadium	500	494.8		99	80	120		6010B
Zinc	500	506.8		101	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-86793/2-A

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00631

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.993		99	80	120		7470A

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-88373/2-A

Lab Name: TestAmerica Edison

Job No.: 460-31258-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00641

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.968		97	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: 460-31356-Q-3-A SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31258-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	200	U	1000	U	NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	697		689.5	J	1.1		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	63300		63300		0.06		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	50.0	U	250	U	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	150	U	750	U	NC		6010B
Lead	3.1	J	25.0	U	NC		6010B
Magnesium	17900		17850	J	0.14		6010B
Manganese	22.7		22.80	J	NC		6010B
Nickel	40.0	U	200	U	NC		6010B
Potassium	1430	J	1516	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	12000		11790	J	NC		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	6.3	J	250	U	NC		6010B
Zinc	10.6	J	150	U	NC		6010B

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

FORM VIII-IN

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

Lab ID: 460-31492-Q-2-C SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31258-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	200	U	1000	U	NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	1560		1536		1.6		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	36000		35170		2.2		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	50.0	U	250	U	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	46.3	J	750	U	NC		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	11700		11570	J	0.73		6010B
Manganese	2120		2072		2.0		6010B
Nickel	40.0	U	200	U	NC		6010B
Potassium	963	J	25000	U	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	10500		10340	J	NC		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	30.0	U	150	U	NC		6010B

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

FORM VIII-IN

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

Lab ID: 460-31227-H-1-D SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31258-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Result (S)	C			
Mercury	0.20	U	1.0	U	NC		7470A

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

FORM VIII-IN

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

Lab ID: 460-31813-D-7-B SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31258-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Result (S)	C			
Mercury	0.20	U	1.0	U	NC		7470A

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31258-1
 SDG Number: _____
 Matrix: Water Instrument ID: ICP4
 Method: 6010B MDL Date: 12/30/2008 09:37
 Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31258-1
SDG Number: _____
Matrix: Water Instrument ID: ICP4
Method: 6010B XMDL Date: 12/30/2008 09:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	86.956
Antimony		10	4.6
Arsenic		5	3.831
Barium		200	3.212
Beryllium		2	0.942
Cadmium		5	0.918
Calcium		5000	72.229
Chromium		10	3.201
Cobalt		50	2.767
Copper		25	3.648
Iron		150	40.158
Lead		5	2.787
Magnesium		5000	56.863
Manganese		15	2.515
Nickel		40	3.509
Potassium		5000	208.667
Selenium		10	4.752
Silver		10	0.969
Sodium		5000	341.097
Thallium		10	4.643
Vanadium		50	1.978
Zinc		30	5.798

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-31258-1
 SDG Number: _____
 Matrix: Water Instrument ID: ICP4
 Method: 6010B MDL Date: 12/30/2008 09:37
 Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-31258-1
SDG Number: _____
Matrix: Water Instrument ID: ICP4
Method: 6010B XMDL Date: 12/30/2008 09:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	86.956
Antimony		10	4.6
Arsenic		5	3.831
Barium		200	3.212
Beryllium		2	0.942
Cadmium		5	0.918
Calcium		5000	72.229
Chromium		10	3.201
Cobalt		50	2.767
Copper		25	3.648
Iron		150	40.158
Lead		5	2.787
Magnesium		5000	56.863
Manganese		15	2.515
Nickel		40	3.509
Potassium		5000	208.667
Selenium		10	4.752
Silver		10	0.969
Sodium		5000	341.097
Thallium		10	4.643
Vanadium		50	1.978
Zinc		30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31258-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A MDL Date: 12/30/2008 14:28
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31258-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A XMDL Date: 12/30/2008 14:29

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.185

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-31258-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A MDL Date: 12/30/2008 14:28
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-31258-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A XMDL Date: 12/30/2008 14:29

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.185

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison

Job No: 460-31258-1

SDG No.: _____

Instrument ID: ICP4

Date: 01/06/2009 11:38

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		250000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		250000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		250000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-86800/1-A	09/21/2011 11:58	86800		100	100
LCS 460-86800/2-A	09/21/2011 11:58	86800		100	100
460-31356-A-3-A DU	09/21/2011 11:58	86800		100	100
460-31356-Q-3-B MS	09/21/2011 11:58	86800		100	100
460-31258-1	09/21/2011 11:58	86800		100	100
460-31258-2	09/21/2011 11:58	86800		100	100
460-31258-3	09/21/2011 11:58	86800		100	100
460-31258-5	09/21/2011 11:58	86800		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-87869/1-A	09/30/2011 11:54	87869		100	100
LCS 460-87869/2-A	09/30/2011 11:54	87869		100	100
460-31492-A-2-B DU	09/30/2011 11:54	87869		100	100
460-31492-Q-2-D MS	09/30/2011 11:54	87869		100	100
460-31258-1	09/30/2011 11:54	87869		100	100
460-31258-2	09/30/2011 11:54	87869		100	100
460-31258-3	09/30/2011 11:54	87869		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-86793/1-A	09/21/2011 11:15	86793		30	30
LCS 460-86793/2-A	09/21/2011 11:15	86793		30	30
460-31227-A-1-B DU	09/21/2011 11:15	86793		30	30
460-31227-H-1-E MS	09/21/2011 11:15	86793		30	30
460-31258-1	09/21/2011 11:15	86793		30	30
460-31258-2	09/21/2011 11:15	86793		30	30
460-31258-3	09/21/2011 11:15	86793		30	30
460-31258-5	09/21/2011 11:15	86793		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-88373/1-A	10/05/2011 13:06	88373		30	30
LCS 460-88373/2-A	10/05/2011 13:06	88373		30	30
460-31813-D-7-C DU	10/05/2011 13:06	88373		30	30
460-31813-D-7-D MS	10/05/2011 13:06	88373		30	30
460-31258-1	10/05/2011 13:06	88373		30	30
460-31258-2	10/05/2011 13:06	88373		30	30
460-31258-3	10/05/2011 13:06	88373		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/20/2011 16:39 End Date: 09/21/2011 17:06

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			16:39																			
ZZZZZZ			16:42																			
ZZZZZZ			16:46																			
ZZZZZZ			16:50																			
ZZZZZZ			16:54																			
ZZZZZZ			16:57																			
ZZZZZZ			17:01																			
ZZZZZZ			17:05																			
ZZZZZZ			17:16																			
ZZZZZZ			17:20																			
ZZZZZZ			15:14																			
ZZZZZZ			15:18																			
ZZZZZZ			15:22																			
ZZZZZZ			15:25																			
ZZZZZZ			15:29																			
ICV 460-86853/16	1		15:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-86853/17	1		15:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-86853/18	1		15:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-86853/19	1		15:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:48																			
ZZZZZZ			15:52																			
ZZZZZZ			15:55																			
ZZZZZZ			15:59																			
ZZZZZZ			16:03																			
ZZZZZZ			16:07																			
ZZZZZZ			16:10																			
ZZZZZZ			16:14																			
CCV 460-86853/28	1		16:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-86853/29	1		16:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:25																			
MB 460-86800/1-A	1	T	16:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-86800/2-A	1	T	16:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31356-A-3-A DU	1	T	16:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:40																			
460-31356-Q-3-A SD ^5	5	T	16:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31356-Q-3-B MS	1	T	16:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31356-Q-3-A PDS	1	T	16:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:55																			
ZZZZZZ			16:58																			
CCV 460-86853/40	1		17:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-86853/41	1		17:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/20/2011 16:39 End Date: 09/21/2011 17:06

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			16:39																		
ZZZZZZ			16:42																		
ZZZZZZ			16:46																		
ZZZZZZ			16:50																		
ZZZZZZ			16:54																		
ZZZZZZ			16:57																		
ZZZZZZ			17:01																		
ZZZZZZ			17:05																		
ZZZZZZ			17:16																		
ZZZZZZ			17:20																		
ZZZZZZ			15:14																		
ZZZZZZ			15:18																		
ZZZZZZ			15:22																		
ZZZZZZ			15:25																		
ZZZZZZ			15:29																		
ICV 460-86853/16	1		15:33	X	X																
ICB 460-86853/17	1		15:36	X	X																
ICSA 460-86853/18	1		15:40	X	X																
ICSAB 460-86853/19	1		15:44	X	X																
ZZZZZZ			15:48																		
ZZZZZZ			15:52																		
ZZZZZZ			15:55																		
ZZZZZZ			15:59																		
ZZZZZZ			16:03																		
ZZZZZZ			16:07																		
ZZZZZZ			16:10																		
ZZZZZZ			16:14																		
CCV 460-86853/28	1		16:17	X	X																
CCB 460-86853/29	1		16:21	X	X																
ZZZZZZ			16:25																		
MB 460-86800/1-A	1	T	16:29	X	X																
LCS 460-86800/2-A	1	T	16:33	X	X																
460-31356-A-3-A DU	1	T	16:36	X	X																
ZZZZZZ			16:40																		
460-31356-Q-3-A SD ^5	5	T	16:44	X	X																
460-31356-Q-3-B MS	1	T	16:48	X	X																
460-31356-Q-3-A PDS	1	T	16:51	X	X																
ZZZZZZ			16:55																		
ZZZZZZ			16:58																		
CCV 460-86853/40	1		17:02	X	X																
CCB 460-86853/41	1		17:06	X	X																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/20/2011 16:39 End Date: 09/21/2011 17:06

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/22/2011 10:10 End Date: 09/22/2011 16:29

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			10:10																				
ZZZZZZ			10:13																				
ZZZZZZ			10:17																				
ZZZZZZ			10:21																				
ZZZZZZ			10:24																				
ICV 460-87008/6	1		10:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-87008/7	1		10:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-87008/8	1		10:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-87008/9	1		10:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			10:43																				
ZZZZZZ			10:47																				
ZZZZZZ			10:51																				
ZZZZZZ			10:55																				
ZZZZZZ			10:58																				
ZZZZZZ			11:02																				
ZZZZZZ			11:05																				
ZZZZZZ			11:09																				
CCV 460-87008/18			11:13																				
CCB 460-87008/19			11:16																				
ZZZZZZ			11:20																				
ZZZZZZ			11:24																				
ZZZZZZ			11:28																				
ZZZZZZ			11:31																				
ZZZZZZ			11:35																				
ZZZZZZ			11:39																				
ZZZZZZ			11:43																				
ZZZZZZ			11:46																				
ZZZZZZ			11:50																				
ZZZZZZ			11:54																				
CCV 460-87008/30			11:58																				
CCB 460-87008/31			12:01																				
ZZZZZZ			12:05																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
ZZZZZZ			12:16																				
ZZZZZZ			12:20																				
ZZZZZZ			12:24																				
ZZZZZZ			12:28																				
ZZZZZZ			12:32																				
ZZZZZZ			12:36																				
ZZZZZZ			12:39																				
CCV 460-87008/42	1		12:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/22/2011 10:10 End Date: 09/22/2011 16:29

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
CCB 460-87008/43	1		12:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:51																				
ZZZZZZ			12:54																				
460-31258-1	1	D	12:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31258-2	1	D	13:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31258-3	1	D	13:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31258-5	1	T	13:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:14																				
ZZZZZZ			13:17																				
ZZZZZZ			13:21																				
ZZZZZZ			13:25																				
CCV 460-87008/54	1		13:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-87008/55	1		13:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:36																				
ZZZZZZ			13:40																				
ZZZZZZ			13:43																				
ZZZZZZ			13:47																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
ZZZZZZ			13:59																				
ZZZZZZ			14:03																				
ZZZZZZ			14:06																				
ZZZZZZ			14:10																				
CCV 460-87008/66			14:14																				
CCB 460-87008/67			14:18																				
ZZZZZZ			14:21																				
ZZZZZZ			14:25																				
ZZZZZZ			14:29																				
ZZZZZZ			14:32																				
ZZZZZZ			14:36																				
ZZZZZZ			14:40																				
ZZZZZZ			14:44																				
ZZZZZZ			14:47																				
ZZZZZZ			14:51																				
ZZZZZZ			14:55																				
CCV 460-87008/78			14:59																				
CCB 460-87008/79			15:02																				
ZZZZZZ			15:06																				
ZZZZZZ			15:10																				
ZZZZZZ			15:13																				
ZZZZZZ			15:17																				
ZZZZZZ			15:21																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/22/2011 10:10 End Date: 09/22/2011 16:29

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			15:25																				
ZZZZZZ			15:29																				
ZZZZZZ			15:33																				
ZZZZZZ			15:37																				
ZZZZZZ			15:41																				
CCV 460-87008/90			15:44																				
CCB 460-87008/91			15:48																				
ZZZZZZ			15:52																				
ZZZZZZ			15:56																				
ZZZZZZ			16:00																				
ZZZZZZ			16:03																				
ZZZZZZ			16:07																				
ZZZZZZ			16:11																				
ZZZZZZ			16:15																				
ZZZZZZ			16:19																				
ZZZZZZ			16:22																				
CCV 460-87008/101			16:26																				
CCB 460-87008/102			16:29																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/22/2011 10:10 End Date: 09/22/2011 16:29

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			10:10																		
ZZZZZZ			10:13																		
ZZZZZZ			10:17																		
ZZZZZZ			10:21																		
ZZZZZZ			10:24																		
ICV 460-87008/6	1		10:28	X	X																
ICB 460-87008/7	1		10:32	X	X																
ICSA 460-87008/8	1		10:36	X	X																
ICSAB 460-87008/9	1		10:40	X	X																
ZZZZZZ			10:43																		
ZZZZZZ			10:47																		
ZZZZZZ			10:51																		
ZZZZZZ			10:55																		
ZZZZZZ			10:58																		
ZZZZZZ			11:02																		
ZZZZZZ			11:05																		
ZZZZZZ			11:09																		
CCV 460-87008/18			11:13																		
CCB 460-87008/19			11:16																		
ZZZZZZ			11:20																		
ZZZZZZ			11:24																		
ZZZZZZ			11:28																		
ZZZZZZ			11:31																		
ZZZZZZ			11:35																		
ZZZZZZ			11:39																		
ZZZZZZ			11:43																		
ZZZZZZ			11:46																		
ZZZZZZ			11:50																		
ZZZZZZ			11:54																		
CCV 460-87008/30			11:58																		
CCB 460-87008/31			12:01																		
ZZZZZZ			12:05																		
ZZZZZZ			12:09																		
ZZZZZZ			12:13																		
ZZZZZZ			12:16																		
ZZZZZZ			12:20																		
ZZZZZZ			12:24																		
ZZZZZZ			12:28																		
ZZZZZZ			12:32																		
ZZZZZZ			12:36																		
ZZZZZZ			12:39																		
CCV 460-87008/42	1		12:43	X	X																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/22/2011 10:10 End Date: 09/22/2011 16:29

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCB 460-87008/43	1		12:47	X	X																
ZZZZZZ			12:51																		
ZZZZZZ			12:54																		
460-31258-1	1	D	12:58	X	X																
460-31258-2	1	D	13:02	X	X																
460-31258-3	1	D	13:06	X	X																
460-31258-5	1	T	13:10	X	X																
ZZZZZZ			13:14																		
ZZZZZZ			13:17																		
ZZZZZZ			13:21																		
ZZZZZZ			13:25																		
CCV 460-87008/54	1		13:29	X	X																
CCB 460-87008/55	1		13:33	X	X																
ZZZZZZ			13:36																		
ZZZZZZ			13:40																		
ZZZZZZ			13:43																		
ZZZZZZ			13:47																		
ZZZZZZ			13:51																		
ZZZZZZ			13:55																		
ZZZZZZ			13:59																		
ZZZZZZ			14:03																		
ZZZZZZ			14:06																		
ZZZZZZ			14:10																		
CCV 460-87008/66			14:14																		
CCB 460-87008/67			14:18																		
ZZZZZZ			14:21																		
ZZZZZZ			14:25																		
ZZZZZZ			14:29																		
ZZZZZZ			14:32																		
ZZZZZZ			14:36																		
ZZZZZZ			14:40																		
ZZZZZZ			14:44																		
ZZZZZZ			14:47																		
ZZZZZZ			14:51																		
ZZZZZZ			14:55																		
CCV 460-87008/78			14:59																		
CCB 460-87008/79			15:02																		
ZZZZZZ			15:06																		
ZZZZZZ			15:10																		
ZZZZZZ			15:13																		
ZZZZZZ			15:17																		
ZZZZZZ			15:21																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/22/2011 10:10 End Date: 09/22/2011 16:29

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			15:25																		
ZZZZZZ			15:29																		
ZZZZZZ			15:33																		
ZZZZZZ			15:37																		
ZZZZZZ			15:41																		
CCV 460-87008/90			15:44																		
CCB 460-87008/91			15:48																		
ZZZZZZ			15:52																		
ZZZZZZ			15:56																		
ZZZZZZ			16:00																		
ZZZZZZ			16:03																		
ZZZZZZ			16:07																		
ZZZZZZ			16:11																		
ZZZZZZ			16:15																		
ZZZZZZ			16:19																		
ZZZZZZ			16:22																		
CCV 460-87008/101			16:26																		
CCB 460-87008/102			16:29																		

Prep Types

D = Dissolved

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			18:08																				
ZZZZZZ			18:12																				
ZZZZZZ			18:15																				
ZZZZZZ			18:19																				
ZZZZZZ			18:23																				
ICV 460-87983/6	1		18:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-87983/7	1		18:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-87983/8	1		18:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-87983/9	1		18:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			18:42																				
ZZZZZZ			18:45																				
ZZZZZZ			18:49																				
ZZZZZZ			18:53																				
ZZZZZZ			18:57																				
ZZZZZZ			19:00																				
ZZZZZZ			19:04																				
ZZZZZZ			19:07																				
CCV 460-87983/18			19:11																				
CCB 460-87983/19			19:15																				
ZZZZZZ			19:19																				
ZZZZZZ			19:23																				
ZZZZZZ			19:26																				
ZZZZZZ			19:30																				
ZZZZZZ			19:33																				
ZZZZZZ			19:37																				
ZZZZZZ			19:41																				
ZZZZZZ			19:44																				
ZZZZZZ			19:48																				
ZZZZZZ			19:52																				
CCV 460-87983/30			19:56																				
CCB 460-87983/31			19:59																				
ZZZZZZ			20:03																				
ZZZZZZ			20:07																				
ZZZZZZ			20:10																				
ZZZZZZ			20:14																				
ZZZZZZ			20:18																				
ZZZZZZ			20:22																				
ZZZZZZ			20:25																				
ZZZZZZ			20:29																				
ZZZZZZ			20:33																				
ZZZZZZ			20:36																				
CCV 460-87983/42			20:40																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
CCB 460-87983/43			20:43																				
ZZZZZZ			20:47																				
ZZZZZZ			20:51																				
ZZZZZZ			20:55																				
ZZZZZZ			20:59																				
ZZZZZZ			21:03																				
ZZZZZZ			21:06																				
ZZZZZZ			21:10																				
ZZZZZZ			21:14																				
ZZZZZZ			21:17																				
ZZZZZZ			21:21																				
CCV 460-87983/54	1		21:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-87983/55	1		21:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			21:32																				
ZZZZZZ			21:36																				
ZZZZZZ			21:40																				
ZZZZZZ			21:44																				
460-31492-A-2-B DU	1	T	21:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			21:51																				
460-31492-Q-2-C SD ^5	5	T	21:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31492-Q-2-D MS	1	T	21:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31492-Q-2-C PDS	1	T	22:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31258-1	1	T	22:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-87983/66	1		22:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-87983/67	1		22:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-87869/1-A	1	T	22:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LCS 460-87869/2-A	1	T	22:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31258-2	1	T	22:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31258-3	1	T	22:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			22:32																				
ZZZZZZ			22:36																				
ZZZZZZ			22:40																				
ZZZZZZ			22:44																				
ZZZZZZ			22:47																				
ZZZZZZ			22:51																				
CCV 460-87983/78	1		22:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-87983/79	1		22:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			23:03																				
ZZZZZZ			23:06																				
ZZZZZZ			23:10																				
ZZZZZZ			23:14																				
ZZZZZZ			23:18																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			23:21																			
ZZZZZZ			23:25																			
ZZZZZZ			23:29																			
ZZZZZZ			23:33																			
ZZZZZZ			23:37																			
CCV 460-87983/90			23:40																			
CCB 460-87983/91			23:44																			
ZZZZZZ			23:48																			
ZZZZZZ			23:52																			
ZZZZZZ			23:55																			
ZZZZZZ			23:59																			
ZZZZZZ			00:03																			
ZZZZZZ			00:07																			
ZZZZZZ			00:10																			
ZZZZZZ			00:14																			
ZZZZZZ			00:18																			
ZZZZZZ			00:22																			
CCV 460-87983/102			00:25																			
CCB 460-87983/103			00:29																			
ZZZZZZ			00:33																			
ZZZZZZ			00:36																			
ZZZZZZ			00:40																			
ZZZZZZ			00:44																			
ZZZZZZ			00:48																			
ZZZZZZ			00:52																			
ZZZZZZ			00:55																			
ZZZZZZ			00:59																			
ZZZZZZ			01:03																			
ZZZZZZ			01:07																			
CCV 460-87983/114			01:10																			
CCB 460-87983/115			01:14																			
ZZZZZZ			01:18																			
ZZZZZZ			01:22																			
ZZZZZZ			01:25																			
ZZZZZZ			01:29																			
ZZZZZZ			01:33																			
ZZZZZZ			01:37																			
CCV 460-87983/122			01:41																			
CCB 460-87983/123			01:44																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			18:08																		
ZZZZZZ			18:12																		
ZZZZZZ			18:15																		
ZZZZZZ			18:19																		
ZZZZZZ			18:23																		
ICV 460-87983/6	1		18:27	X	X																
ICB 460-87983/7	1		18:30	X	X																
ICSA 460-87983/8	1		18:34	X	X																
ICSAB 460-87983/9	1		18:38	X	X																
ZZZZZZ			18:42																		
ZZZZZZ			18:45																		
ZZZZZZ			18:49																		
ZZZZZZ			18:53																		
ZZZZZZ			18:57																		
ZZZZZZ			19:00																		
ZZZZZZ			19:04																		
ZZZZZZ			19:07																		
CCV 460-87983/18			19:11																		
CCB 460-87983/19			19:15																		
ZZZZZZ			19:19																		
ZZZZZZ			19:23																		
ZZZZZZ			19:26																		
ZZZZZZ			19:30																		
ZZZZZZ			19:33																		
ZZZZZZ			19:37																		
ZZZZZZ			19:41																		
ZZZZZZ			19:44																		
ZZZZZZ			19:48																		
ZZZZZZ			19:52																		
CCV 460-87983/30			19:56																		
CCB 460-87983/31			19:59																		
ZZZZZZ			20:03																		
ZZZZZZ			20:07																		
ZZZZZZ			20:10																		
ZZZZZZ			20:14																		
ZZZZZZ			20:18																		
ZZZZZZ			20:22																		
ZZZZZZ			20:25																		
ZZZZZZ			20:29																		
ZZZZZZ			20:33																		
ZZZZZZ			20:36																		
CCV 460-87983/42			20:40																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCB 460-87983/43			20:43																		
ZZZZZZ			20:47																		
ZZZZZZ			20:51																		
ZZZZZZ			20:55																		
ZZZZZZ			20:59																		
ZZZZZZ			21:03																		
ZZZZZZ			21:06																		
ZZZZZZ			21:10																		
ZZZZZZ			21:14																		
ZZZZZZ			21:17																		
ZZZZZZ			21:21																		
CCV 460-87983/54	1		21:25	X	X																
CCB 460-87983/55	1		21:28	X	X																
ZZZZZZ			21:32																		
ZZZZZZ			21:36																		
ZZZZZZ			21:40																		
ZZZZZZ			21:44																		
460-31492-A-2-B DU	1	T	21:48	X	X																
ZZZZZZ			21:51																		
460-31492-Q-2-C SD ^5	5	T	21:55	X	X																
460-31492-Q-2-D MS	1	T	21:59	X	X																
460-31492-Q-2-C PDS	1	T	22:03	X	X																
460-31258-1	1	T	22:06	X	X																
CCV 460-87983/66	1		22:10	X	X																
CCB 460-87983/67	1		22:13	X	X																
MB 460-87869/1-A	1	T	22:17	X	X																
LCS 460-87869/2-A	1	T	22:21	X	X																
460-31258-2	1	T	22:25	X	X																
460-31258-3	1	T	22:28	X	X																
ZZZZZZ			22:32																		
ZZZZZZ			22:36																		
ZZZZZZ			22:40																		
ZZZZZZ			22:44																		
ZZZZZZ			22:47																		
ZZZZZZ			22:51																		
CCV 460-87983/78	1		22:55	X	X																
CCB 460-87983/79	1		22:59	X	X																
ZZZZZZ			23:03																		
ZZZZZZ			23:06																		
ZZZZZZ			23:10																		
ZZZZZZ			23:14																		
ZZZZZZ			23:18																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			23:21																		
ZZZZZZ			23:25																		
ZZZZZZ			23:29																		
ZZZZZZ			23:33																		
ZZZZZZ			23:37																		
CCV 460-87983/90			23:40																		
CCB 460-87983/91			23:44																		
ZZZZZZ			23:48																		
ZZZZZZ			23:52																		
ZZZZZZ			23:55																		
ZZZZZZ			23:59																		
ZZZZZZ			00:03																		
ZZZZZZ			00:07																		
ZZZZZZ			00:10																		
ZZZZZZ			00:14																		
ZZZZZZ			00:18																		
ZZZZZZ			00:22																		
CCV 460-87983/102			00:25																		
CCB 460-87983/103			00:29																		
ZZZZZZ			00:33																		
ZZZZZZ			00:36																		
ZZZZZZ			00:40																		
ZZZZZZ			00:44																		
ZZZZZZ			00:48																		
ZZZZZZ			00:52																		
ZZZZZZ			00:55																		
ZZZZZZ			00:59																		
ZZZZZZ			01:03																		
ZZZZZZ			01:07																		
CCV 460-87983/114			01:10																		
CCB 460-87983/115			01:14																		
ZZZZZZ			01:18																		
ZZZZZZ			01:22																		
ZZZZZZ			01:25																		
ZZZZZZ			01:29																		
ZZZZZZ			01:33																		
ZZZZZZ			01:37																		
CCV 460-87983/122			01:41																		
CCB 460-87983/123			01:44																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Prep Types

E = SPLP East

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 09/21/2011 12:27 End Date: 09/21/2011 14:37

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
IC 460-86785/15-A			12:27	X																	
IC 460-86785/16-A			12:30	X																	
IC 460-86785/17-A			12:31	X																	
IC 460-86785/18-A			12:33	X																	
IC 460-86785/19-A			12:35	X																	
IC 460-86785/20-A			12:37	X																	
ICV 460-86785/21-A	1		12:39	X																	
ICB 460-86825/8	1		12:41	X																	
ZZZZZZ			12:43																		
ZZZZZZ			12:44																		
ZZZZZZ			12:46																		
ZZZZZZ			12:48																		
ZZZZZZ			12:50																		
ZZZZZZ			12:52																		
ZZZZZZ			12:54																		
ZZZZZZ			12:57																		
ZZZZZZ			12:58																		
CCV 460-86785/23-A			13:00																		
CCB 460-86825/19			13:03																		
ZZZZZZ			13:05																		
ZZZZZZ			13:07																		
ZZZZZZ			13:08																		
ZZZZZZ			13:10																		
ZZZZZZ			13:12																		
ZZZZZZ			13:14																		
ZZZZZZ			13:15																		
ZZZZZZ			13:17																		
CCV 460-86785/23-A			13:19																		
CCB 460-86825/29			13:21																		
ZZZZZZ			13:23																		
ZZZZZZ			13:25																		
ZZZZZZ			13:27																		
ZZZZZZ			13:28																		
ZZZZZZ			13:31																		
ZZZZZZ			13:33																		
ZZZZZZ			13:35																		
CCV 460-86785/23-A	1		13:37	X																	
CCB 460-86825/38	1		13:39	X																	
MB 460-86793/1-A	1	T	13:41	X																	
LCS 460-86793/2-A	1	T	13:43	X																	
ZZZZZZ			13:44																		
460-31227-A-1-B DU	1	T	13:46	X																	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 09/21/2011 12:27 End Date: 09/21/2011 14:37

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
460-31227-H-1-E MS	1	T	13:48	X															
ZZZZZZ			13:50																
ZZZZZZ			13:52																
ZZZZZZ			13:53																
CCV 460-86785/23-A	1		13:55	X															
CCB 460-86825/48	1		13:58	X															
ZZZZZZ			14:00																
ZZZZZZ			14:01																
ZZZZZZ			14:03																
ZZZZZZ			14:05																
ZZZZZZ			14:07																
ZZZZZZ			14:09																
ZZZZZZ			14:10																
ZZZZZZ			14:12																
CCV 460-86785/23-A	1		14:14	X															
CCB 460-86825/58	1		14:16	X															
ZZZZZZ			14:18																
ZZZZZZ			14:19																
ZZZZZZ			14:21																
ZZZZZZ			14:23																
460-31258-1	1	D	14:25	X															
460-31258-2	1	D	14:27	X															
460-31258-3	1	D	14:29	X															
460-31258-5	1	T	14:31	X															
460-31227-H-1-D SD ^5	5	T	14:33	X															
CCV 460-86785/23-A	1		14:35	X															
CCB 460-86825/69	1		14:37	X															

Prep Types

D = Dissolved

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 10/05/2011 13:39 End Date: 10/05/2011 16:06

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-88358/14-A			13:39	X															
IC 460-88358/15-A			13:41	X															
IC 460-88358/16-A			13:43	X															
IC 460-88358/17-A			13:45	X															
IC 460-88358/18-A			13:47	X															
IC 460-88358/19-A			13:48	X															
ICV 460-88358/20-A	1		13:50	X															
ICB 460-88399/8	1		13:52	X															
ZZZZZZ			13:54																
ZZZZZZ			13:56																
ZZZZZZ			13:58																
ZZZZZZ			13:59																
ZZZZZZ			14:01																
ZZZZZZ			14:03																
ZZZZZZ			14:05																
ZZZZZZ			14:07																
ZZZZZZ			14:08																
CCV 460-88358/22-A			14:11																
CCB 460-88399/19			14:13																
ZZZZZZ			14:15																
ZZZZZZ			14:16																
ZZZZZZ			14:18																
ZZZZZZ			14:20																
ZZZZZZ			14:22																
ZZZZZZ			14:24																
ZZZZZZ			14:26																
CCV 460-88358/22-A			14:27																
CCB 460-88399/28			14:29																
ZZZZZZ			14:31																
ZZZZZZ			14:33																
ZZZZZZ			14:35																
ZZZZZZ			14:37																
ZZZZZZ			14:39																
ZZZZZZ			14:41																
CCV 460-88358/22-A			14:42																
CCB 460-88399/36			14:44																
ZZZZZZ			14:46																
ZZZZZZ			14:48																
ZZZZZZ			14:50																
ZZZZZZ			14:52																
ZZZZZZ			14:54																
ZZZZZZ			14:56																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

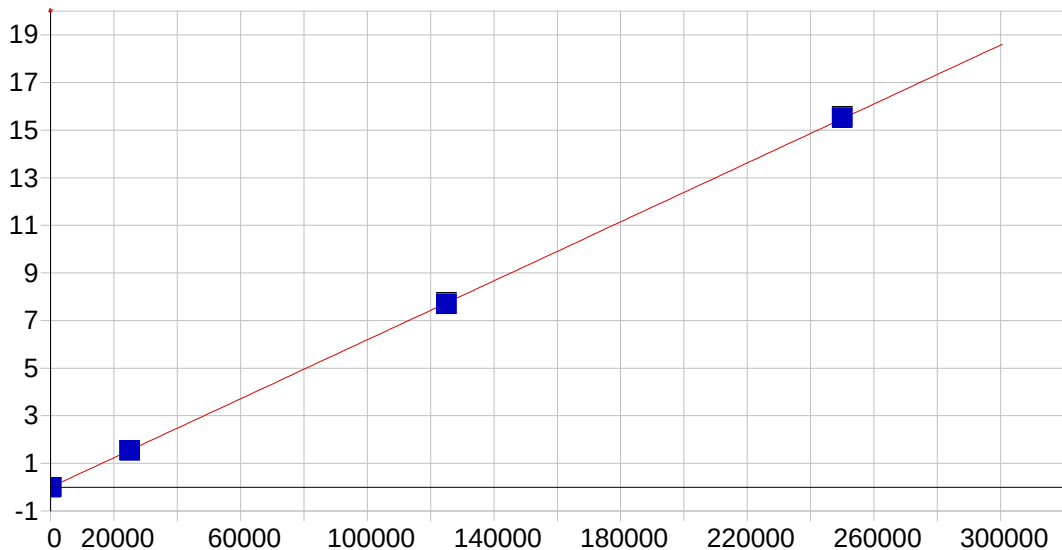
Instrument ID: LEEMAN3 Method: 7470A

Start Date: 10/05/2011 13:39 End Date: 10/05/2011 16:06

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			14:58																
ZZZZZZ			15:01																
ZZZZZZ			15:03																
CCV 460-88358/22-A	1		15:05	X															
CCB 460-88399/47	1		15:07	X															
MB 460-88373/1-A	1	T	15:08	X															
LCS 460-88373/2-A	1	T	15:10	X															
ZZZZZZ			15:12																
460-31813-D-7-C DU	1	T	15:14	X															
460-31813-D-7-D MS	1	T	15:16	X															
460-31258-1	1	T	15:18	X															
460-31258-2	1	T	15:20	X															
460-31258-3	1	T	15:22	X															
CCV 460-88358/22-A	1		15:24	X															
CCB 460-88399/57	1		15:25	X															
ZZZZZZ			15:28																
ZZZZZZ			15:30																
ZZZZZZ			15:32																
ZZZZZZ			15:34																
ZZZZZZ			15:36																
ZZZZZZ			15:38																
ZZZZZZ			15:40																
ZZZZZZ			15:42																
CCV 460-88358/22-A	1		15:44	X															
CCB 460-88399/67	1		15:46	X															
ZZZZZZ			15:48																
ZZZZZZ			15:49																
ZZZZZZ			15:51																
ZZZZZZ			15:53																
ZZZZZZ			15:55																
ZZZZZZ			15:57																
ZZZZZZ			15:59																
ZZZZZZ			16:00																
460-31813-D-7-B SD ^5	5	T	16:02	X															
CCV 460-88358/22-A	1		16:05	X															
CCB 460-88399/78	1		16:06	X															

Prep Types

T = Total/NA

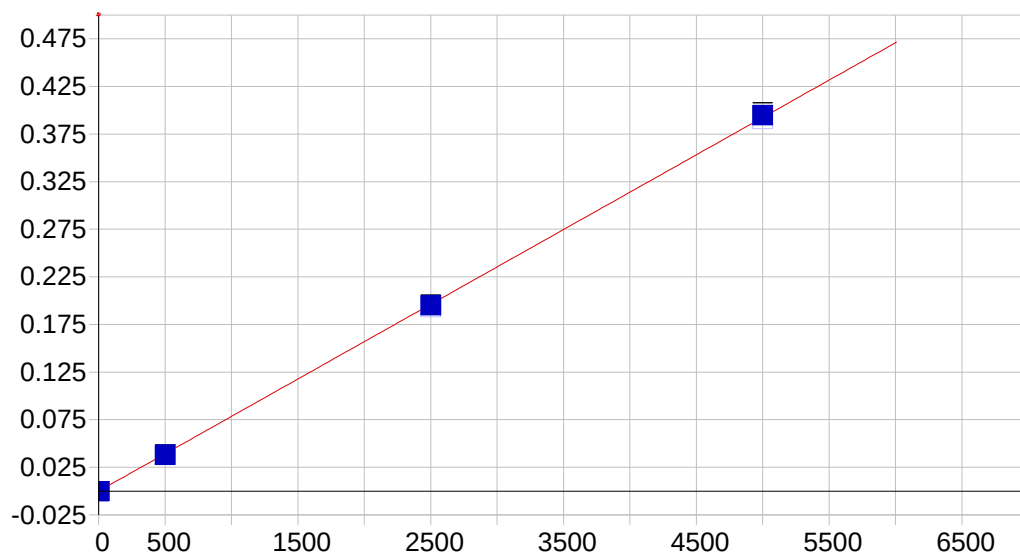


AI 396.152 { 85}

Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000336 Re-Slope: 1.000000
 A1 (Gain): 0.000062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 15.508176
 Predicted MQL: 51.693921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01069	-.011	.000	-.00034	.000	1
DCAL1	200.00	211.89	11.9	5.95	.01284	.001	1
DCAL2	25000.	24898.	-102.	-.410	1.5428	.003	1
DCAL3	125000.	124430.	-573.	-.458	7.7113	.034	1
DCAL4	250000.	250660.	663.	.265	15.535	.041	1

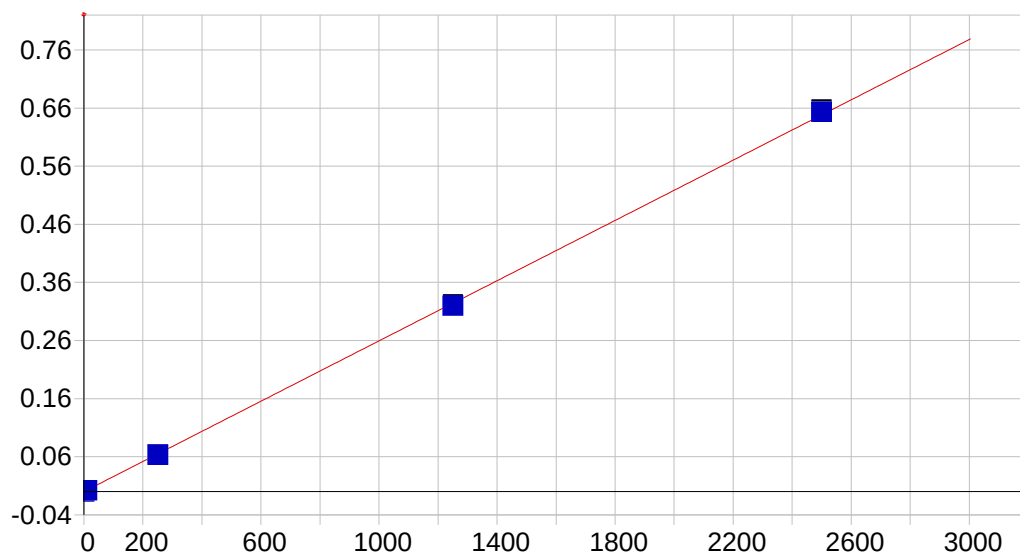


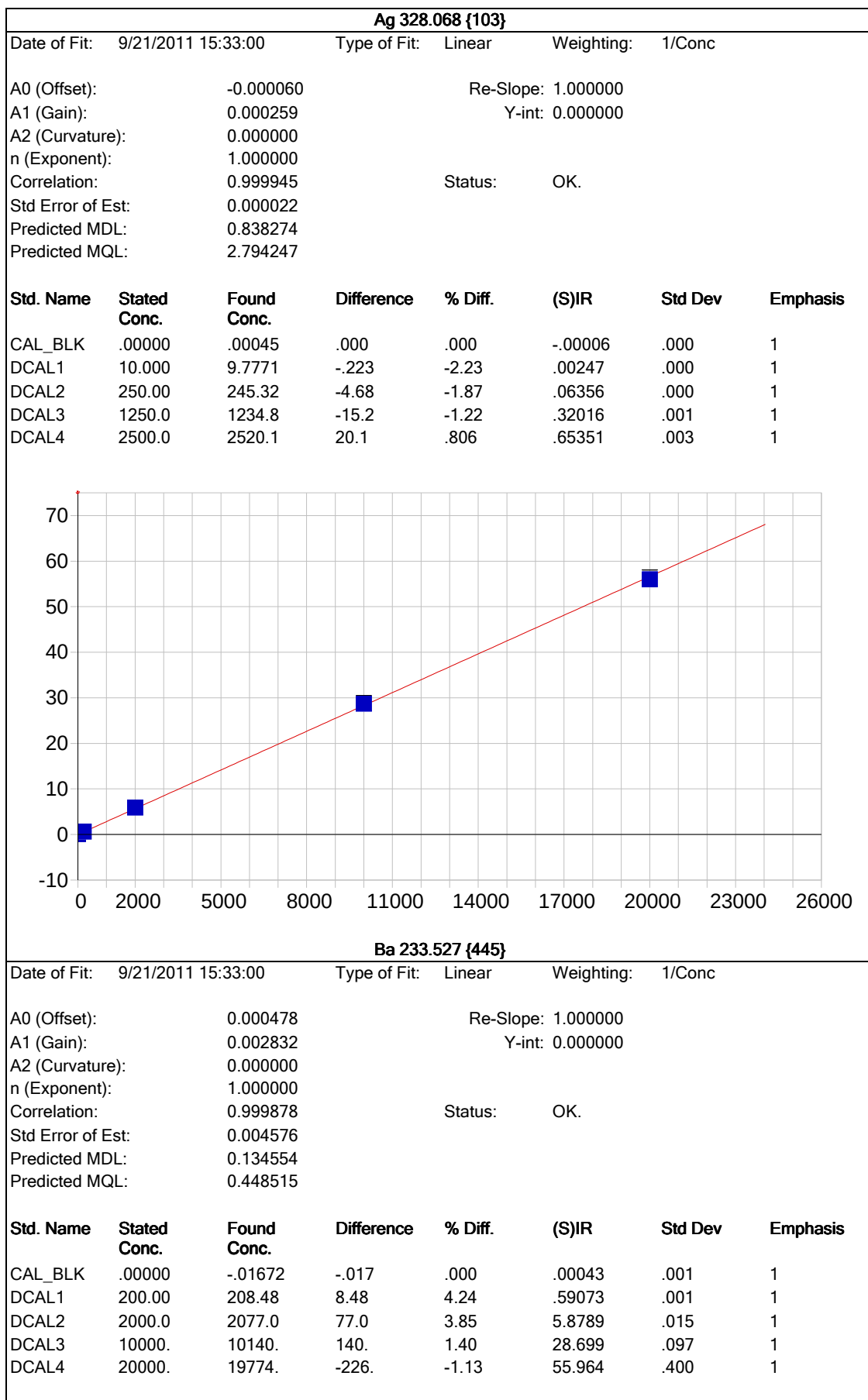
As 189.042 {478}

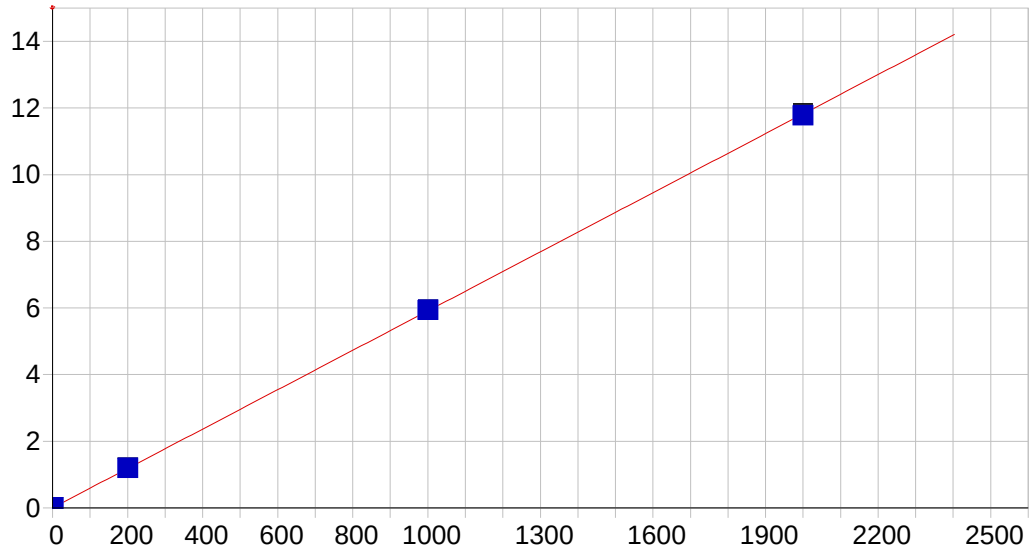
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.000078 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 2.413153
 Predicted MQL: 8.043843

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00236	.002	.000	-.00003	.000	1
DCAL1	5.0000	2.7653	-2.23	-44.7	.00018	.000	1
DCAL2	500.00	487.05	-12.9	-2.59	.03780	.000	1
DCAL3	2500.0	2486.4	-13.6	-.544	.19315	.000	1
DCAL4	5000.0	5028.8	28.8	.576	.39073	.003	1





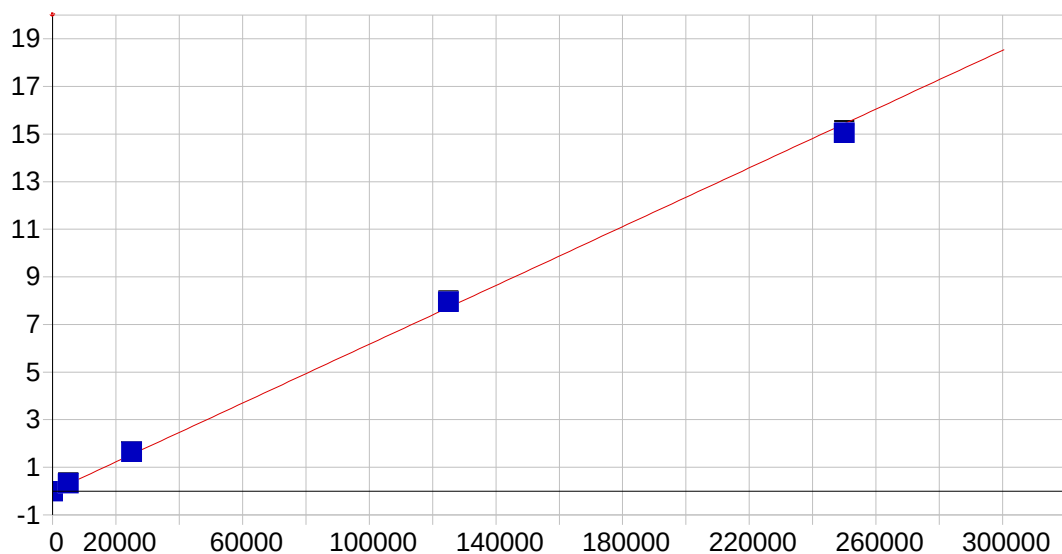


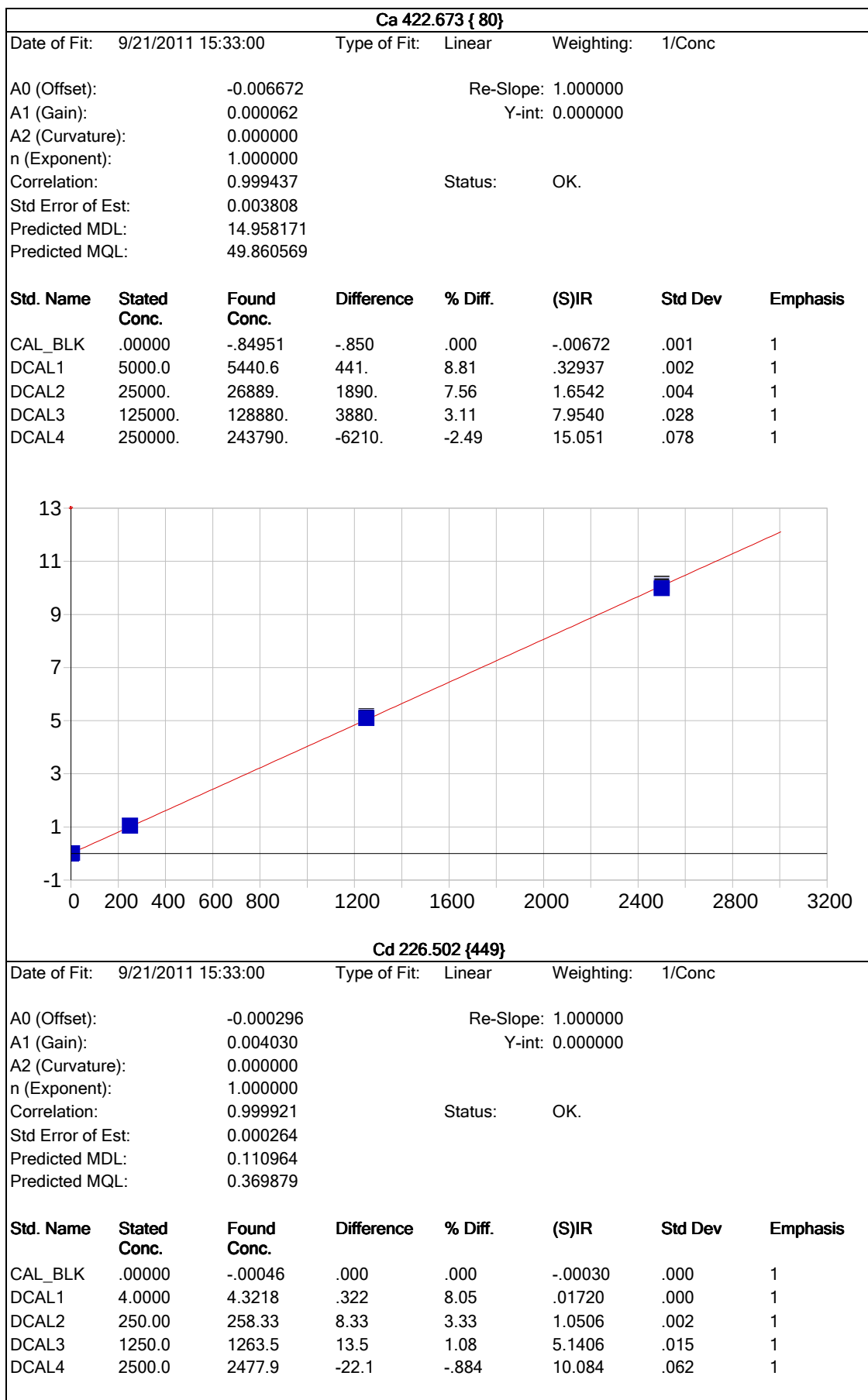
Be 313.042 {108}

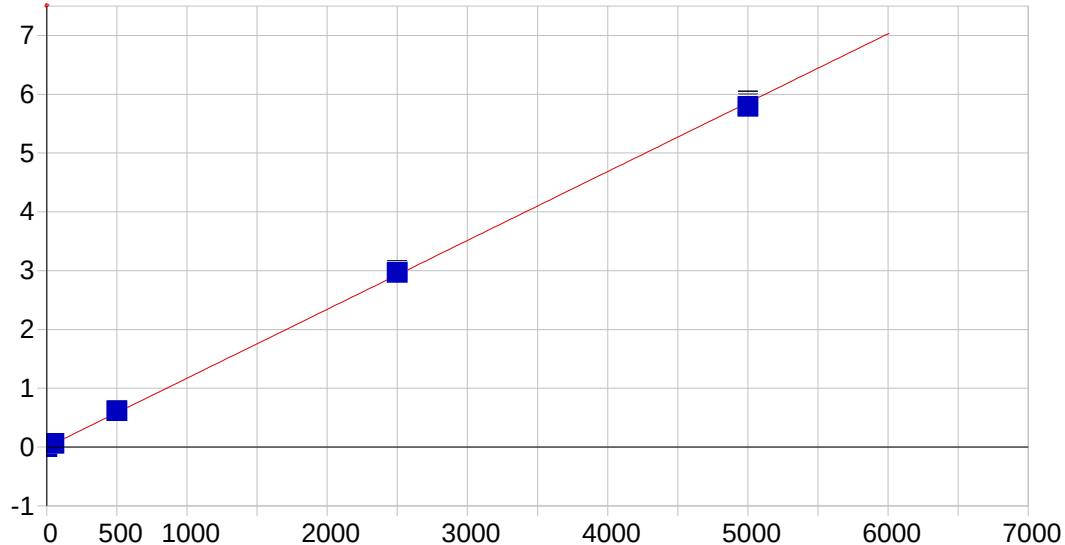
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000577 Re-Slope: 1.000000
 A1 (Gain): 0.005911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.118852
 Predicted MQL: 0.396173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00009	.000	.000	.00058	.001	1
DCAL1	2.0000	1.8804	-.120	-5.98	.01170	.001	1
DCAL2	200.00	202.48	2.48	1.24	1.1978	.004	1
DCAL3	1000.0	1004.8	4.83	.483	5.9419	.016	1
DCAL4	2000.0	1992.8	-7.18	-.359	11.784	.036	1





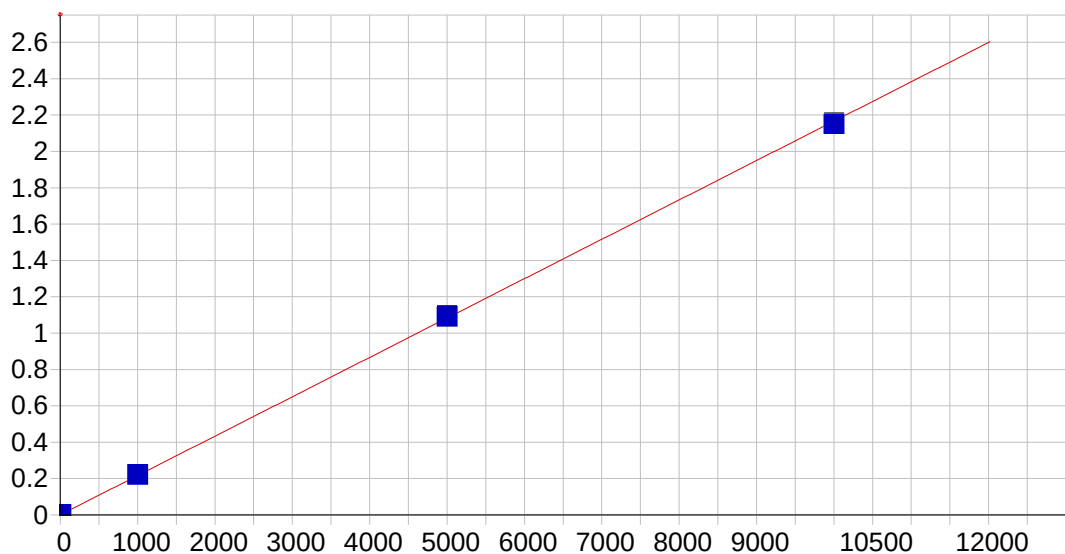


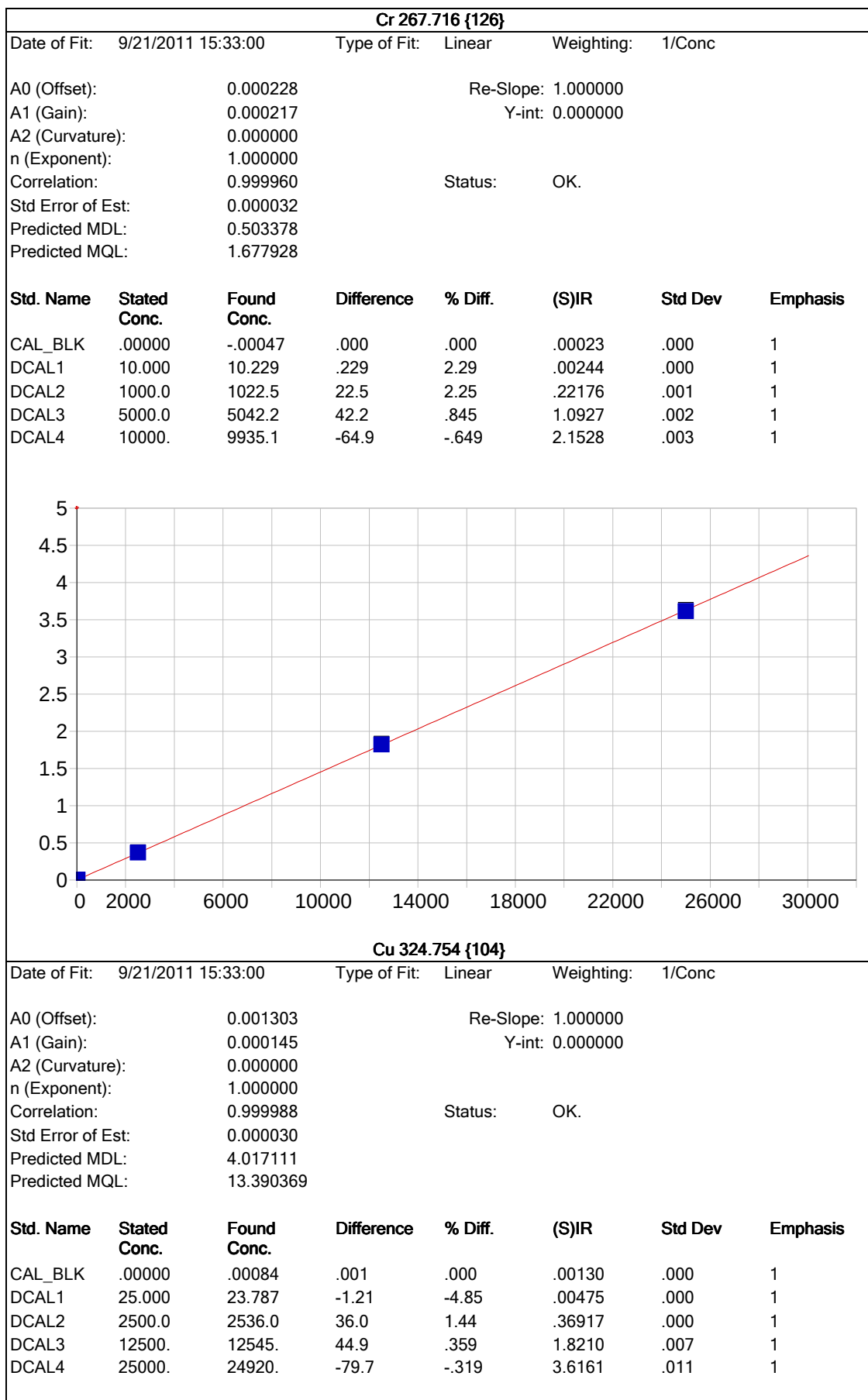
Co 228.616 {447}

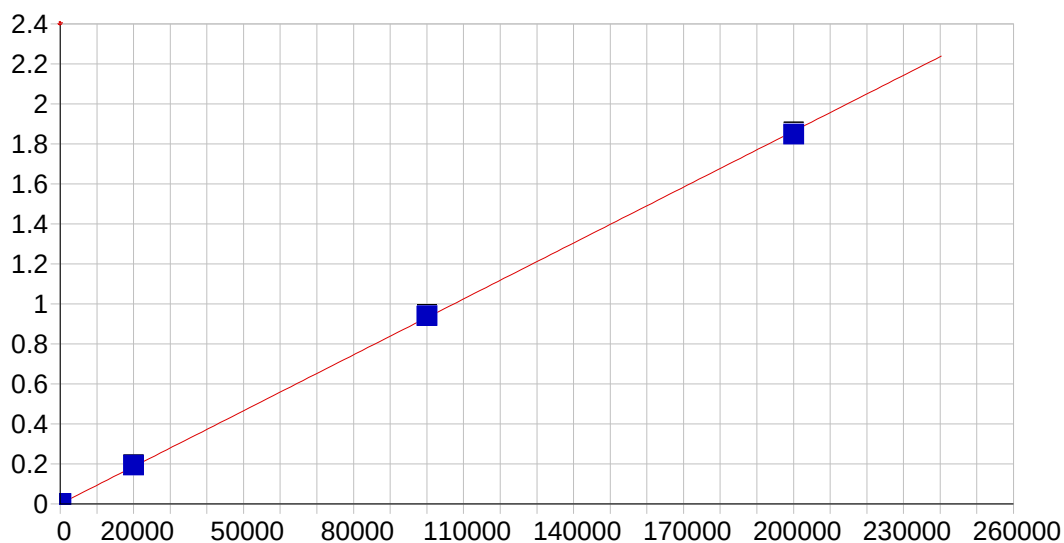
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.001171 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000517
 Predicted MDL: 0.322079
 Predicted MQL: 1.073597

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00504	-.005	.000	-.00014	.000	1
DCAL1	50.000	52.581	2.58	5.16	.06146	.000	1
DCAL2	500.00	524.19	24.2	4.84	.61870	.002	1
DCAL3	2500.0	2530.7	30.7	1.23	2.9883	.010	1
DCAL4	5000.0	4942.5	-57.5	-1.15	5.8374	.047	1





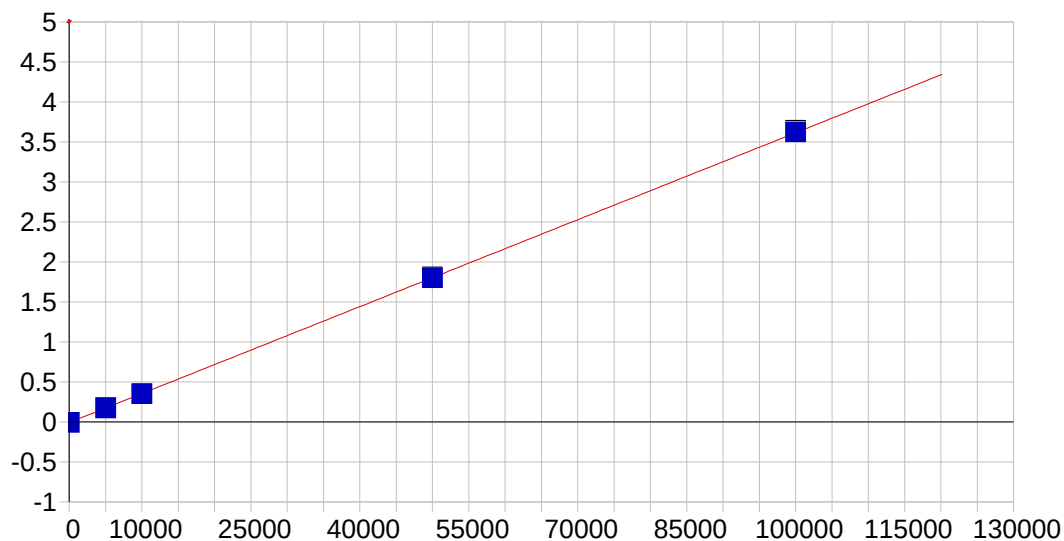


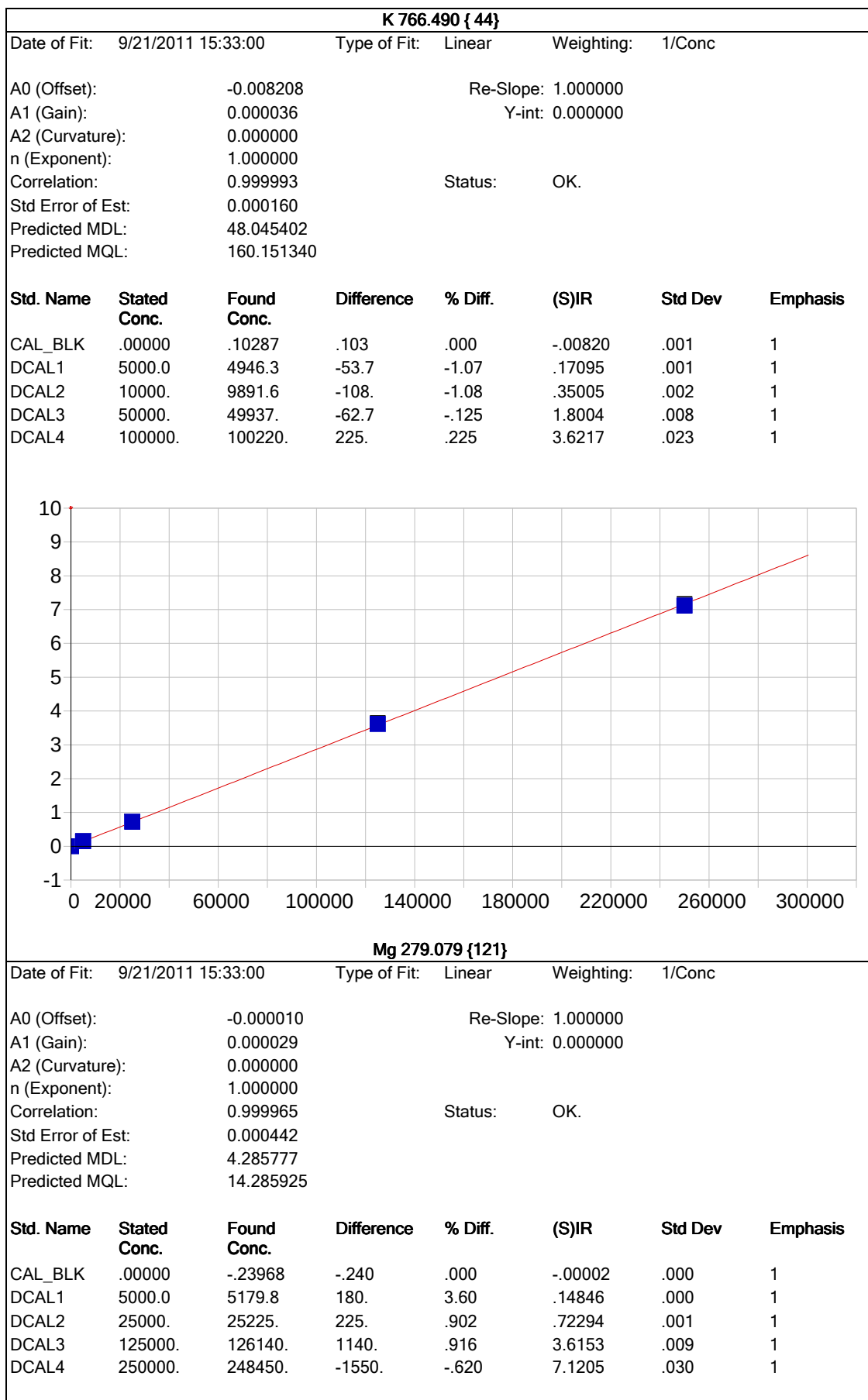
Fe 271.441 {124}

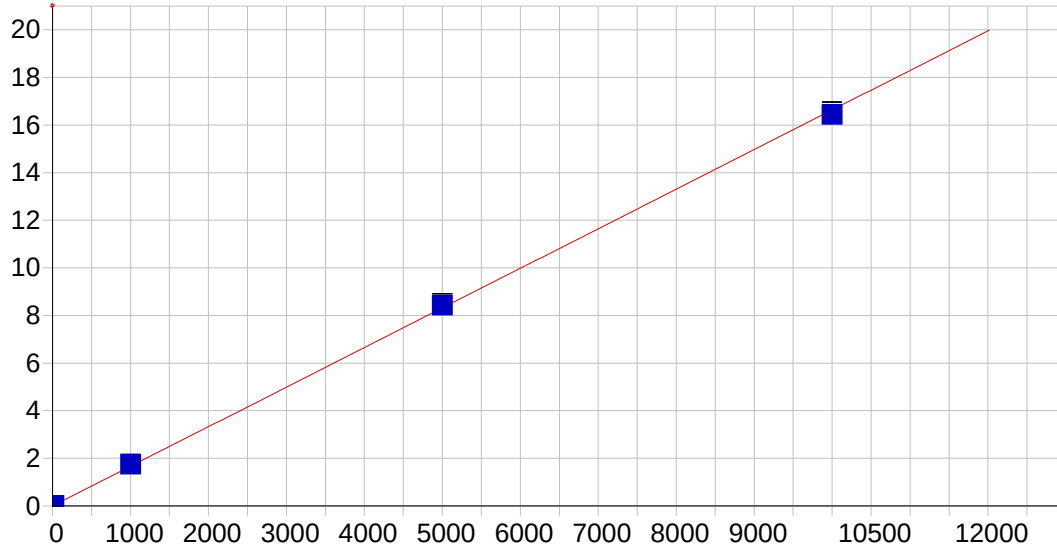
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.000009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 12.001461
 Predicted MQL: 40.004869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01204	-.012	.000	.00005	.000	1
DCAL1	150.00	156.52	6.52	4.35	.00155	.000	1
DCAL2	20000.	20714.	714.	3.57	.19353	.001	1
DCAL3	100000.	100940.	942.	.942	.94298	.004	1
DCAL4	200000.	198340.	-1660.	-.831	1.8529	.006	1





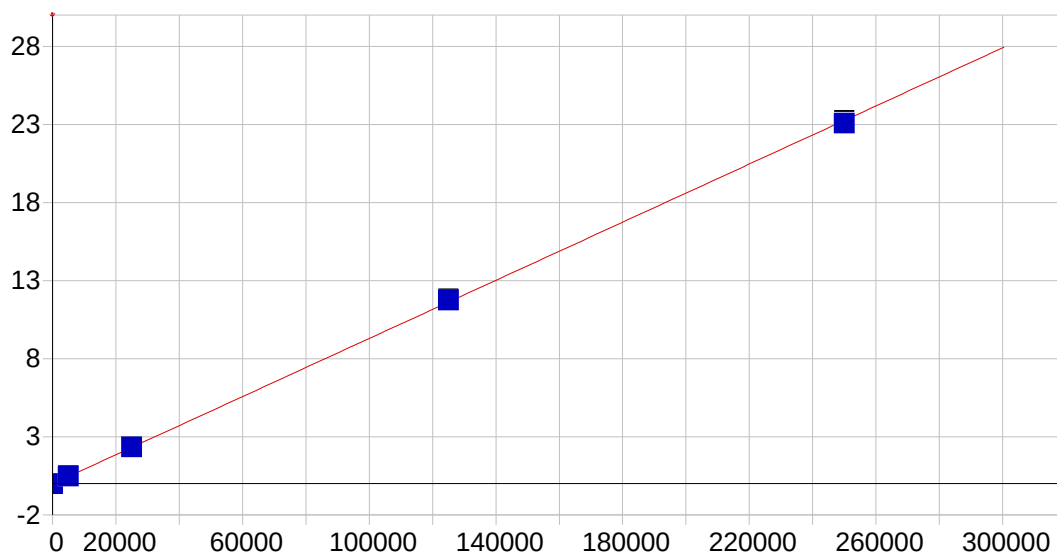


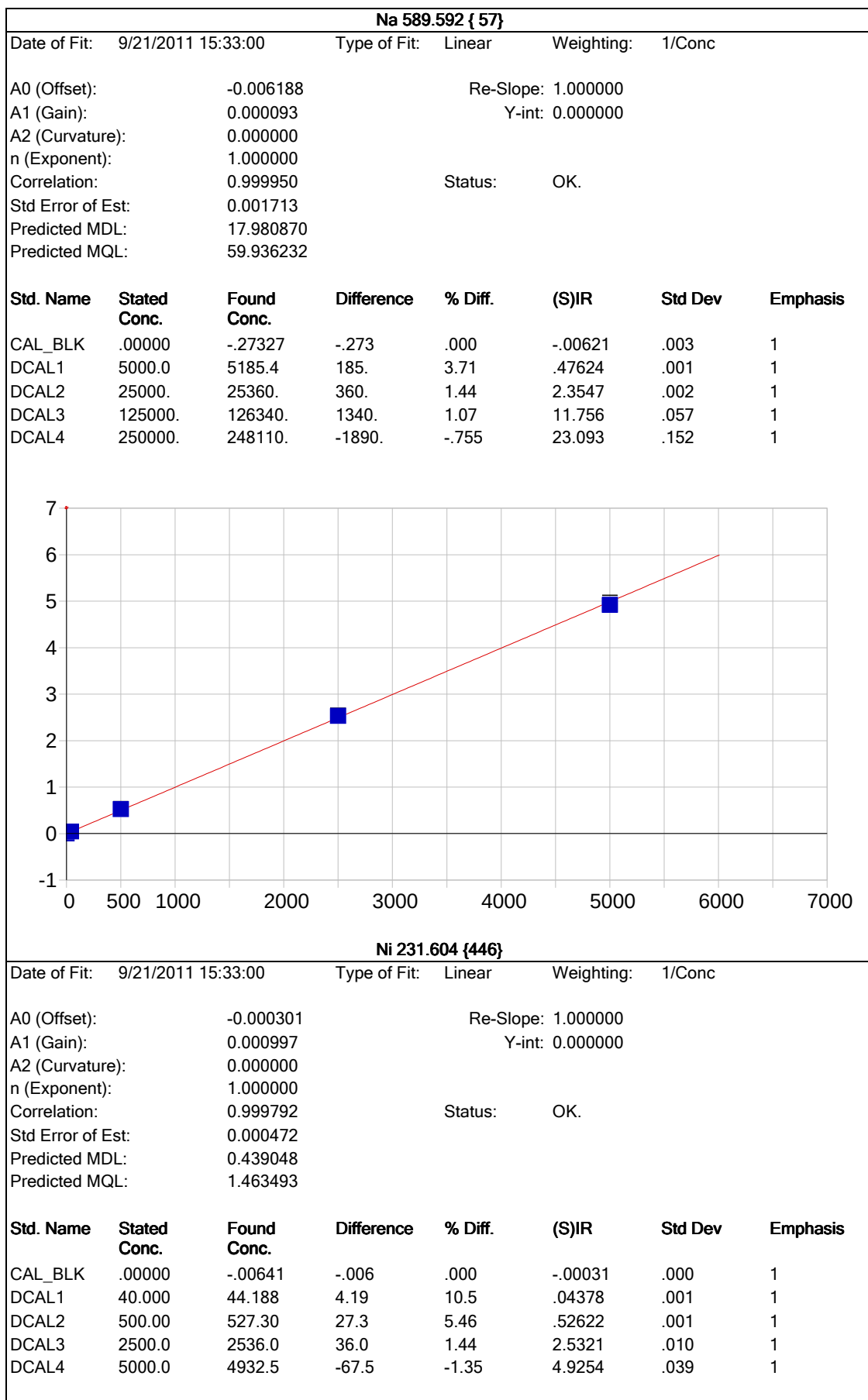
Mn 257.610 {131}

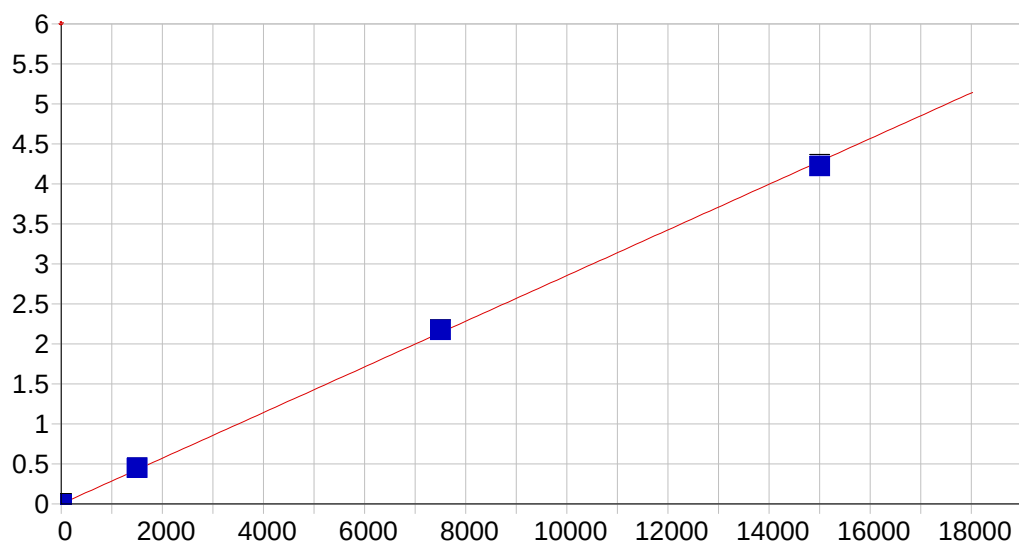
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.001663 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000555
 Predicted MDL: 0.079653
 Predicted MQL: 0.265511

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00185	-.002	.000	.00009	.000	1
DCAL1	15.000	16.121	1.12	7.48	.02695	.000	1
DCAL2	1000.0	1047.0	47.0	4.70	1.7418	.005	1
DCAL3	5000.0	5065.9	65.9	1.32	8.4271	.071	1
DCAL4	10000.	9886.0	-114.	-1.14	16.445	.100	1





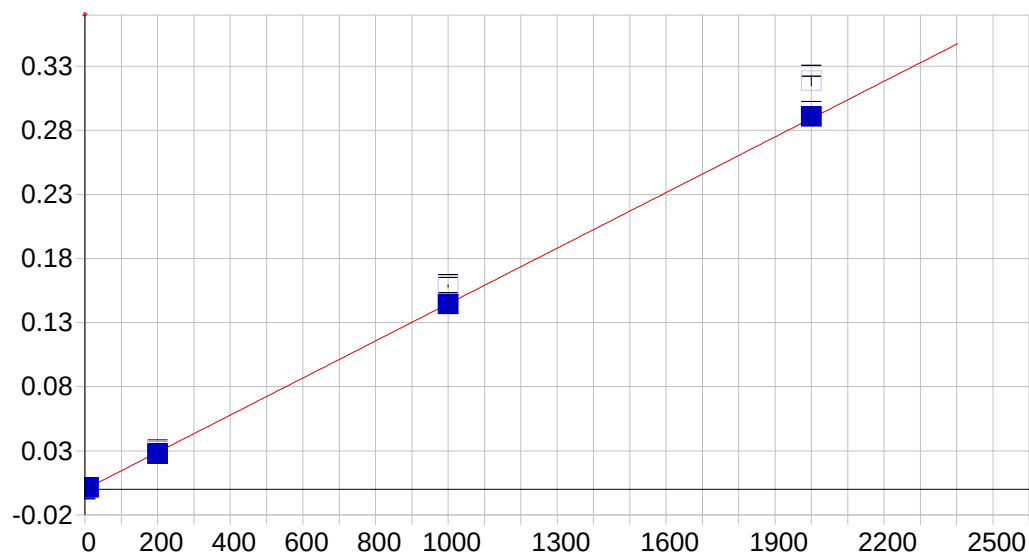


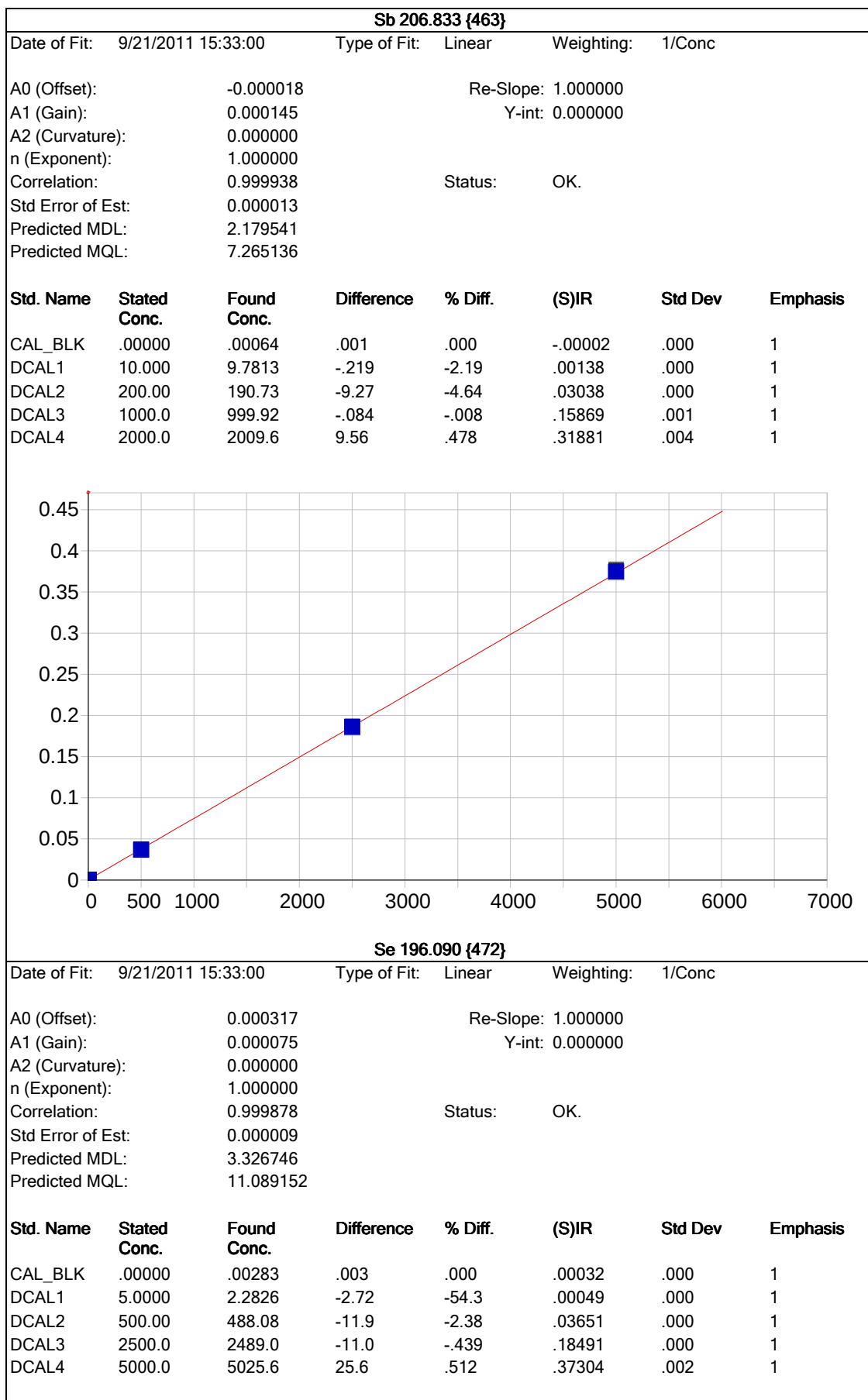
Pb 220.353 [453]

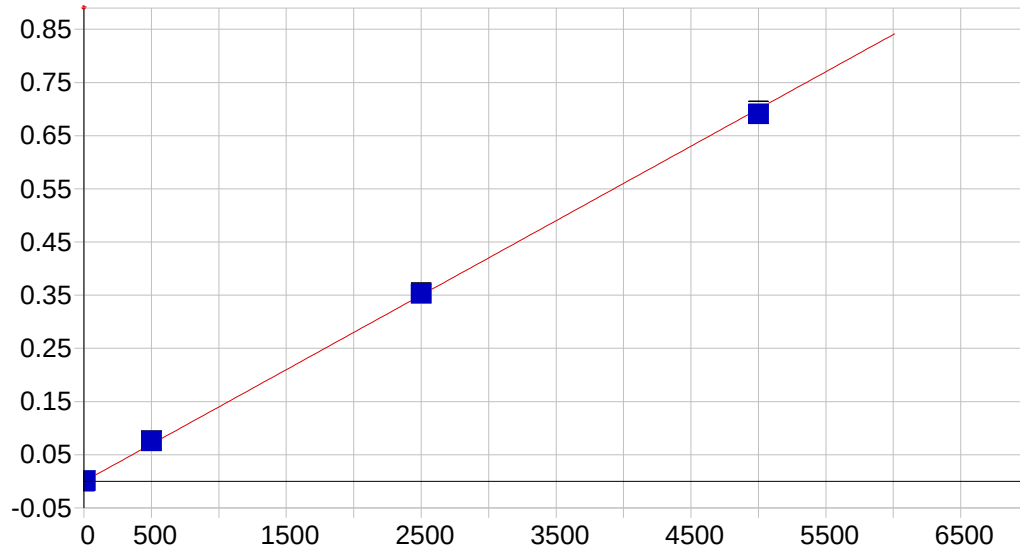
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000478 Re-Slope: 1.000000
 A1 (Gain): 0.000285 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 1.495872
 Predicted MQL: 4.986240

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00045	.000	.000	.00048	.000	1
DCAL1	5.0000	4.2494	-.751	-15.0	.00169	.000	1
DCAL2	1500.0	1586.7	86.7	5.78	.45305	.001	1
DCAL3	7500.0	7617.6	118.	1.57	2.1733	.006	1
DCAL4	15000.	14797.	-203.	-1.36	4.2209	.023	1





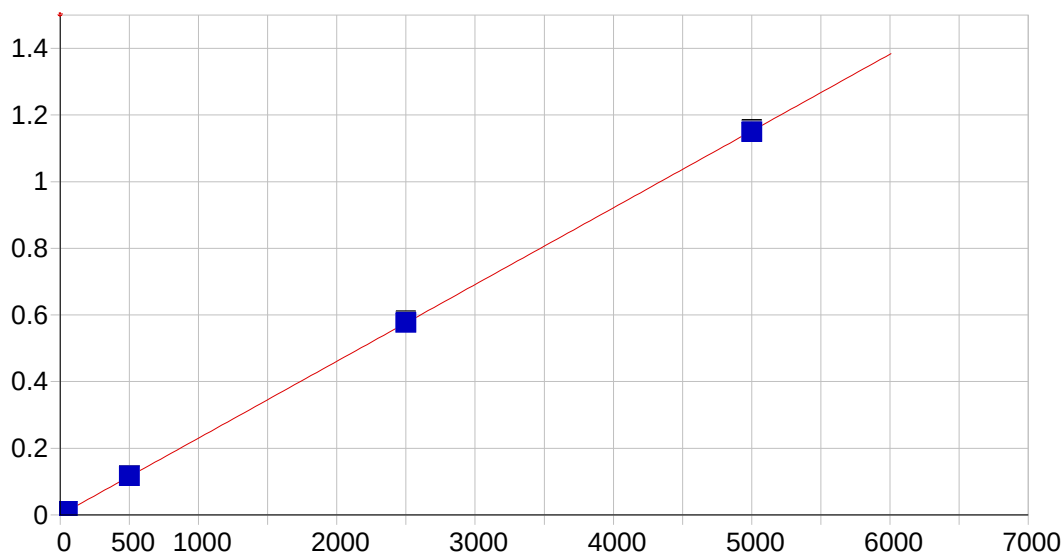


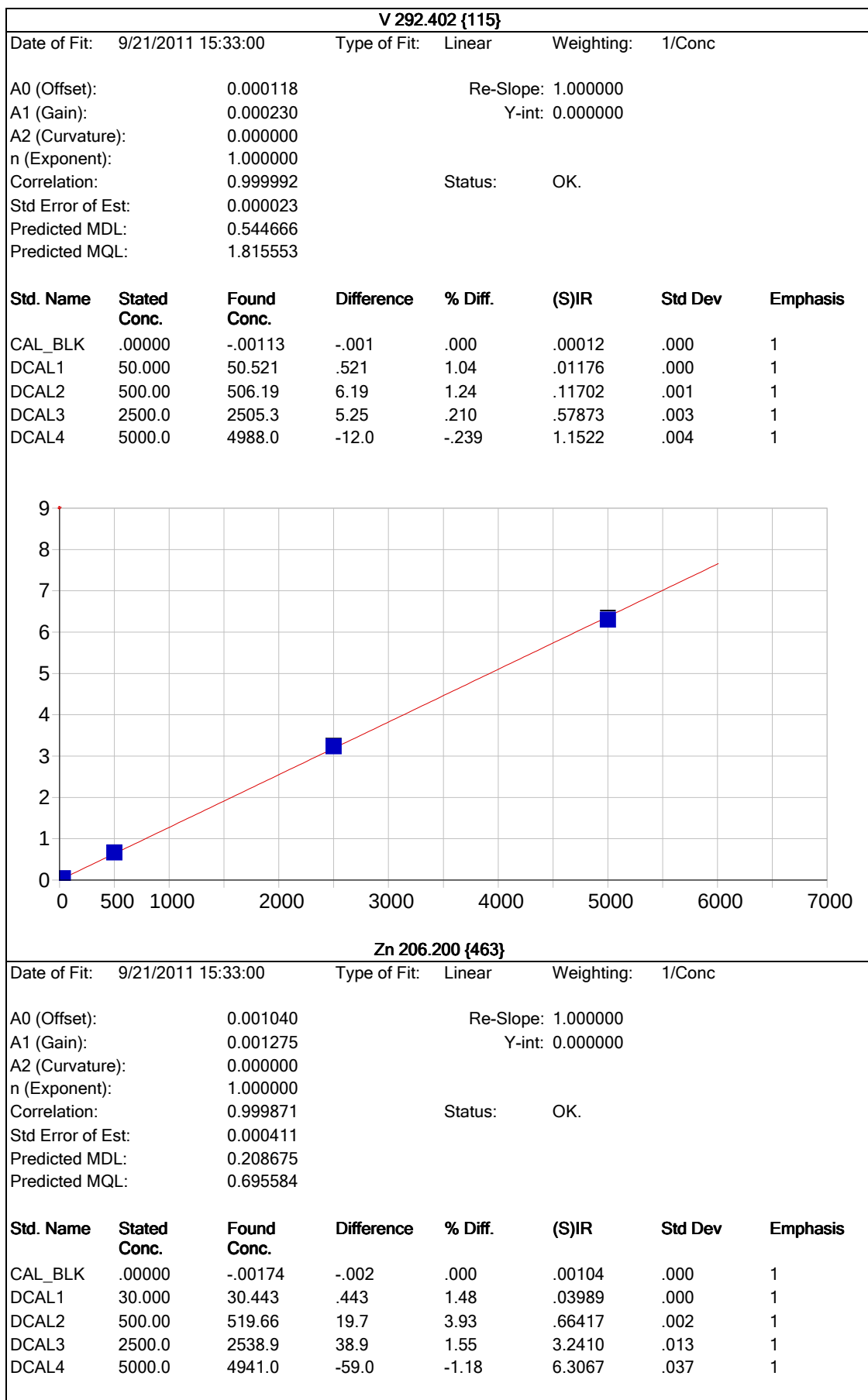
TI 190.856 {477}

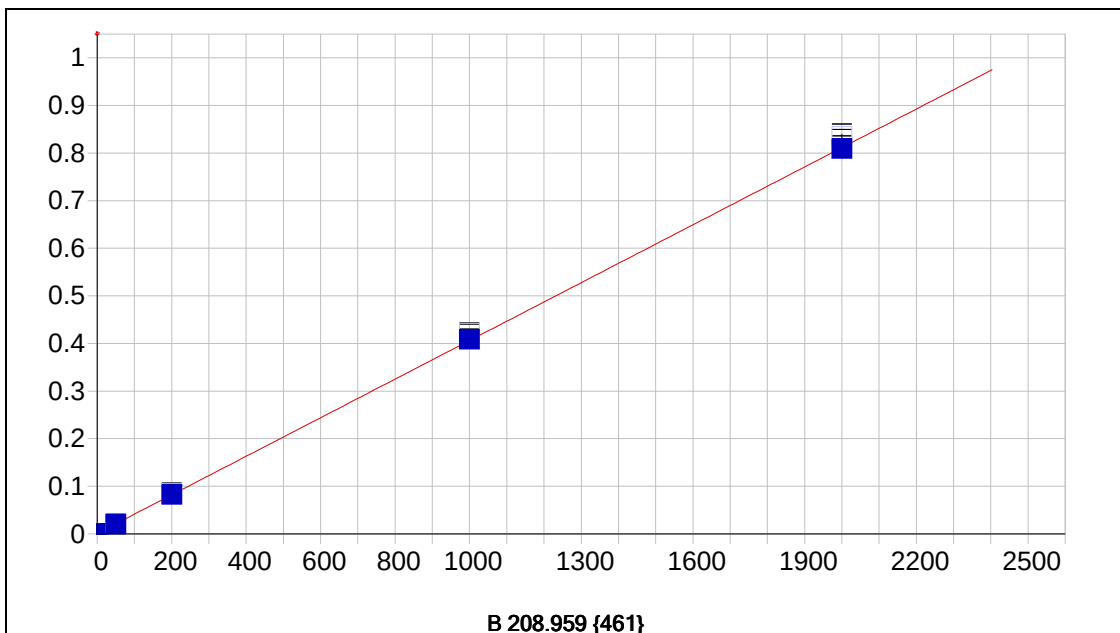
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000196 Re-Slope: 1.000000
 A1 (Gain): 0.000140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 1.885993
 Predicted MQL: 6.286642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00007	.000	.000	-.00020	.000	1
DCAL1	10.000	9.2239	-.776	-7.76	.00111	.000	1
DCAL2	500.00	544.15	44.2	8.83	.07606	.001	1
DCAL3	2500.0	2523.9	23.9	.957	.35352	.002	1
DCAL4	5000.0	4932.7	-67.3	-1.35	.69112	.005	1

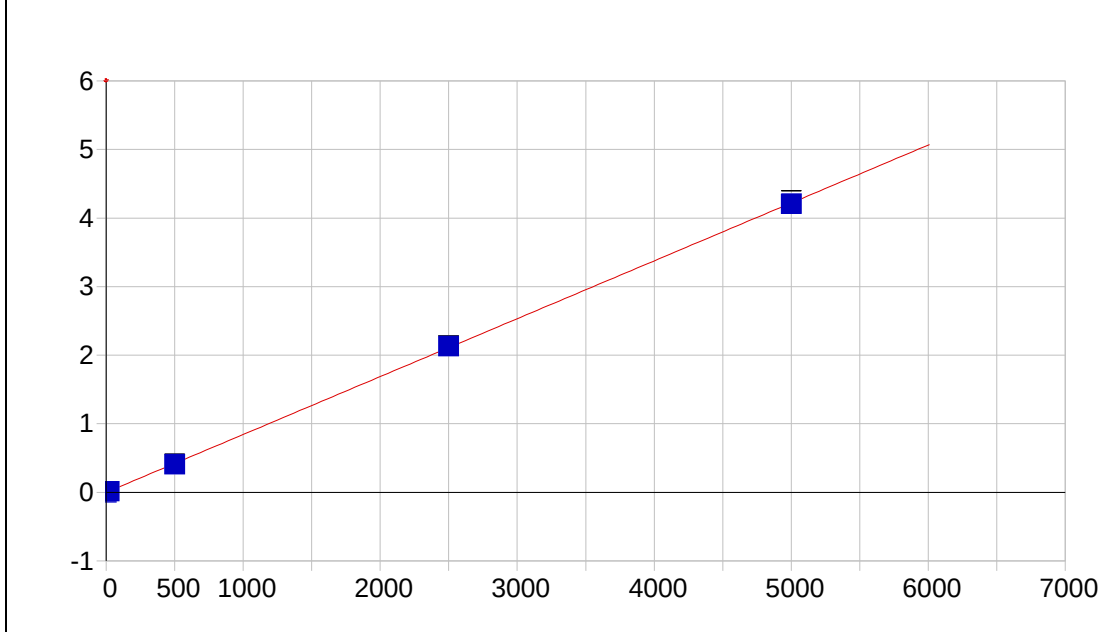


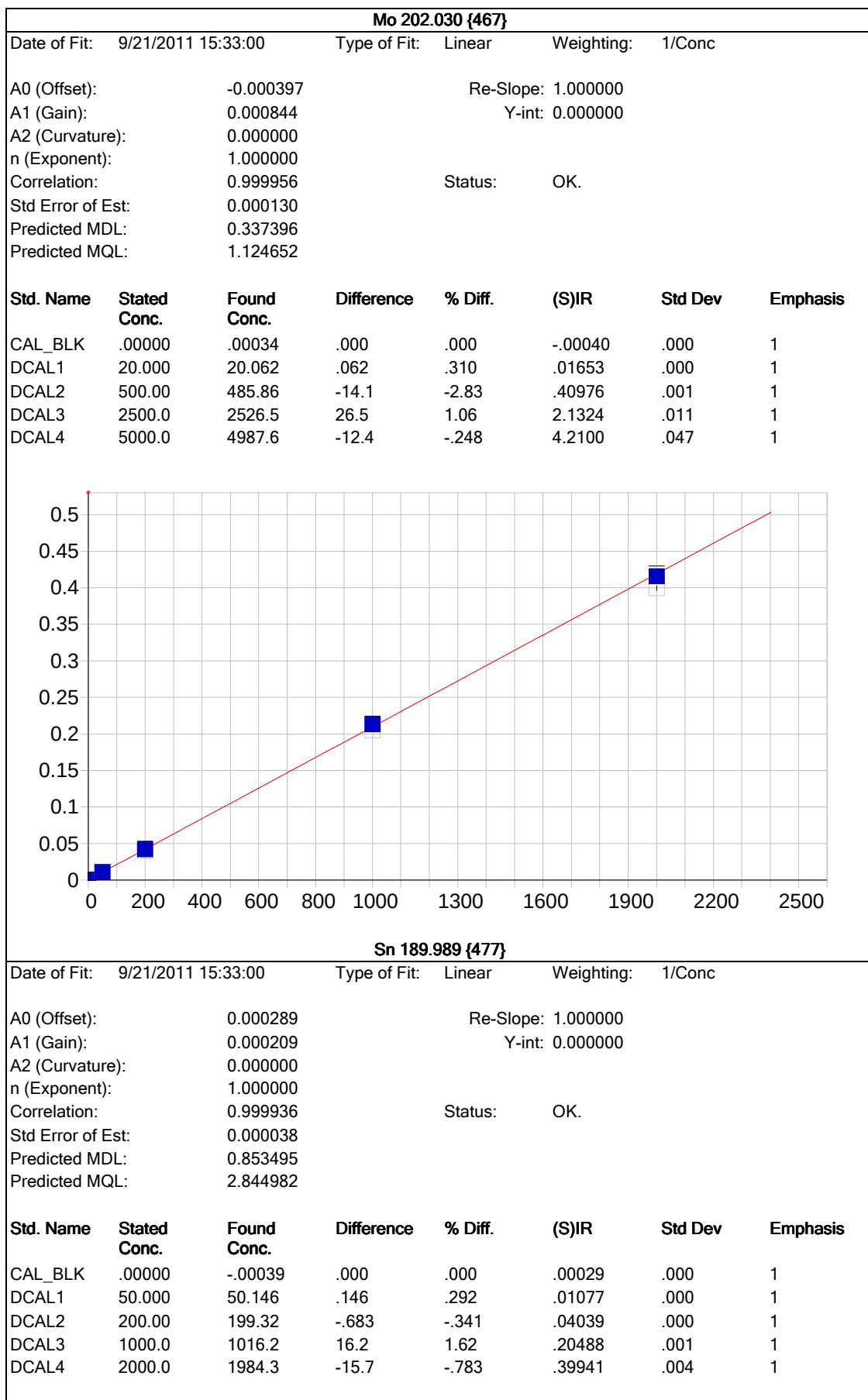


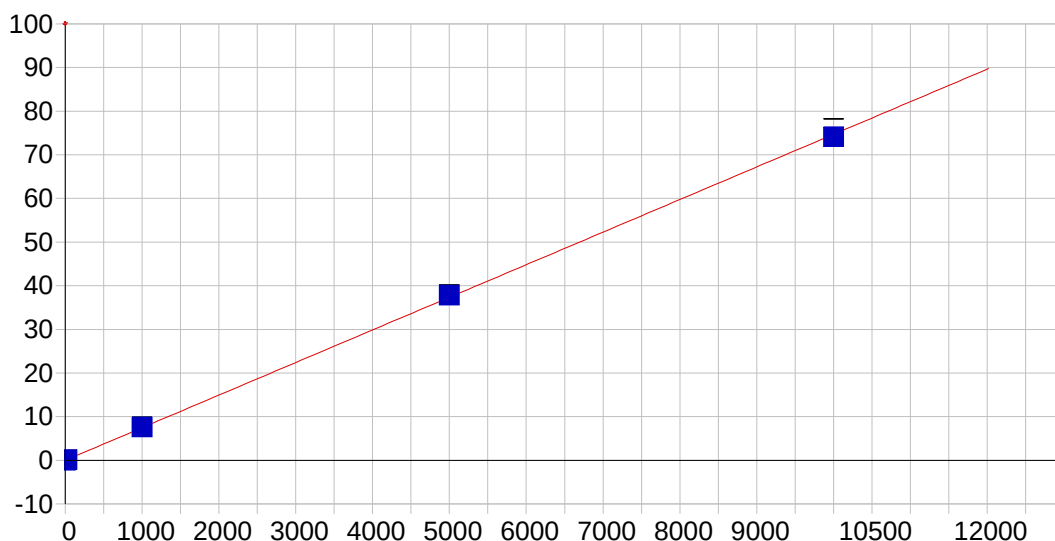


Date of Fit:	9/21/2011 15:33:00	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000971		Re-Slope:	1.000000	
A1 (Gain):	0.000405		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999961		Status:	OK.	
Std Error of Est:	0.000061				
Predicted MDL:	0.719579				
Predicted MQL:	2.398597				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00263	.003	.000	.00097	.000	1
DCAL1	50.000	46.760	-3.24	-6.48	.02013	.000	1
DCAL2	200.00	201.72	1.72	.862	.08524	.001	1
DCAL3	1000.0	1005.9	5.86	.586	.42119	.001	1
DCAL4	2000.0	1995.6	-4.41	-.220	.83487	.006	1





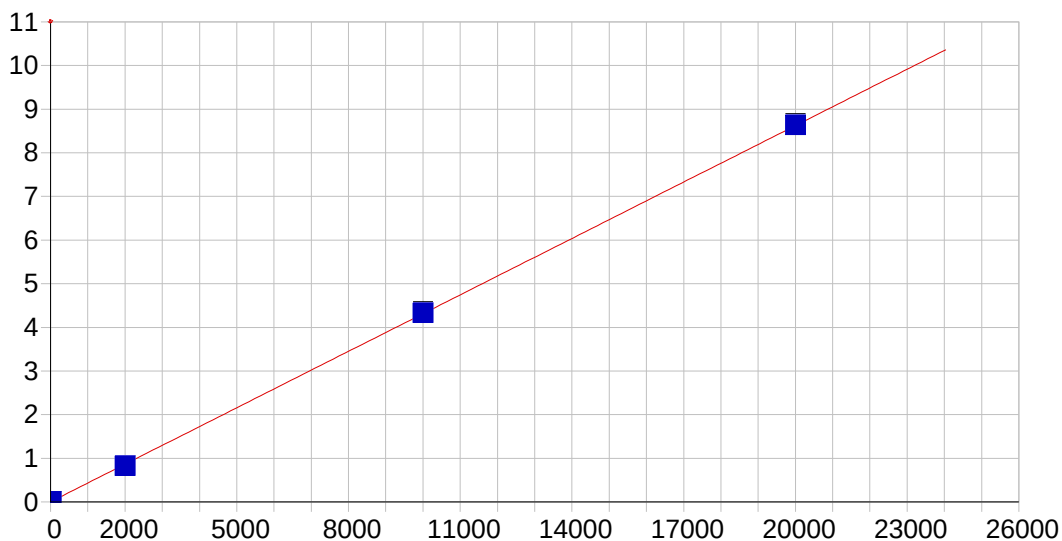


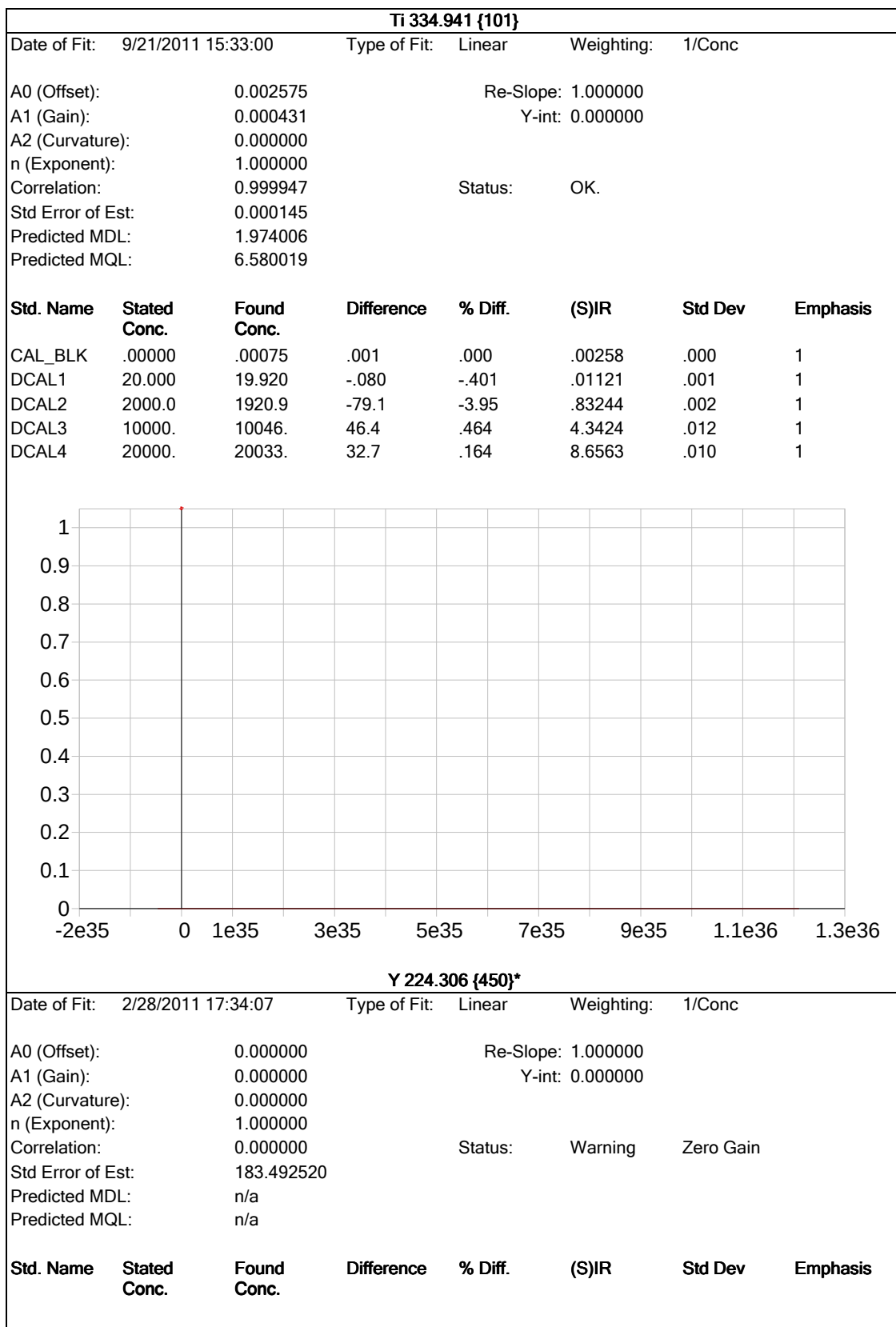
Sr 407.771 { 83}

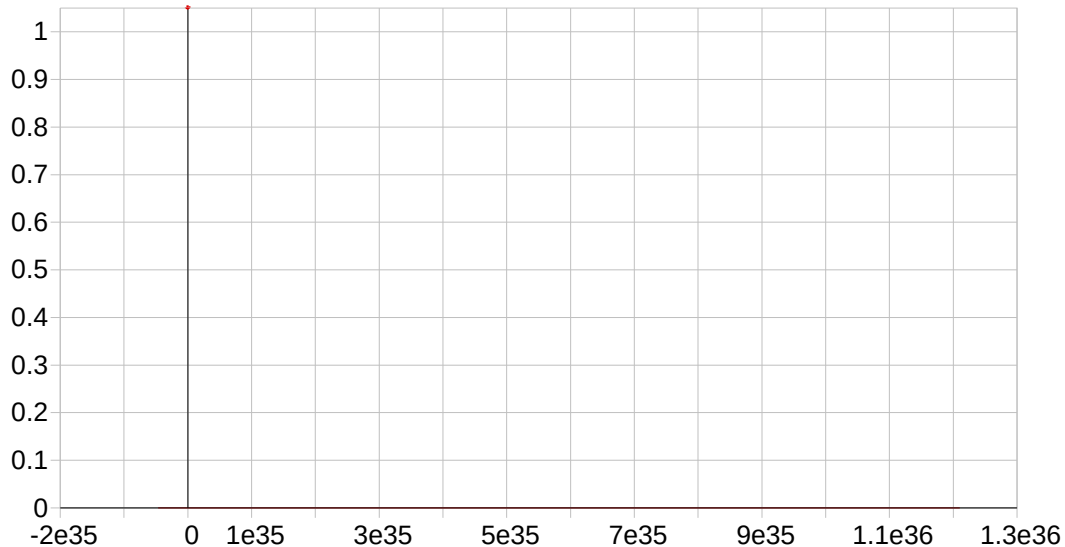
Date of Fit: 9/21/2011 15:33:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002240 Re-Slope: 1.000000
 A1 (Gain): 0.007469 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.001695
 Predicted MDL: 0.126712
 Predicted MQL: 0.422372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00062	-.001	.000	-.00224	.000	1
DCAL1	20.000	20.219	.219	1.10	.14930	.001	1
DCAL2	1000.0	1015.8	15.8	1.58	7.5877	.015	1
DCAL3	5000.0	5059.9	59.9	1.20	37.804	.154	1
DCAL4	10000.	9924.1	-75.9	-.759	74.150	1.85	1





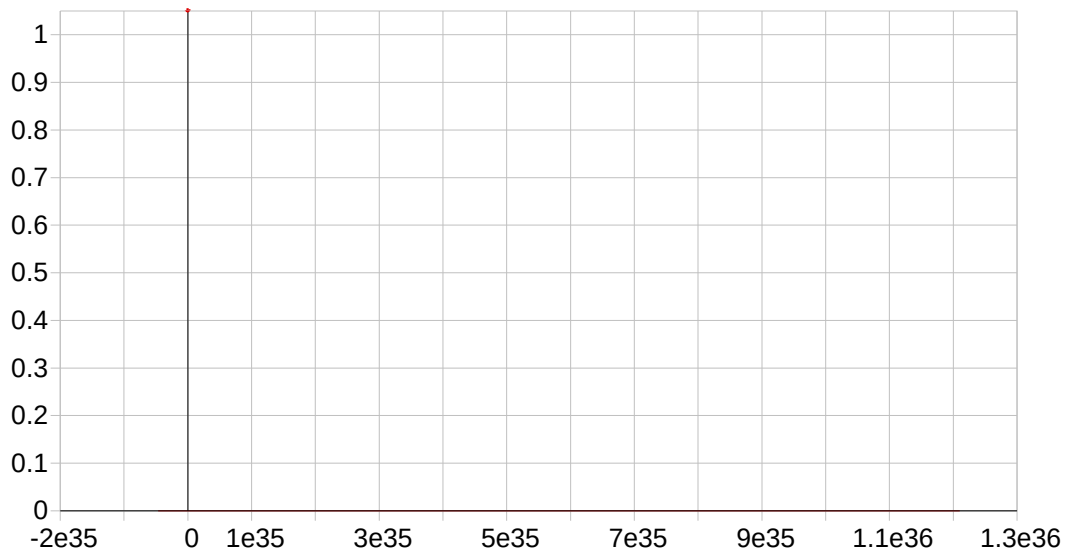


Y 360.073 { 94}*

Date of Fit: 5/4/2010 9:11:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

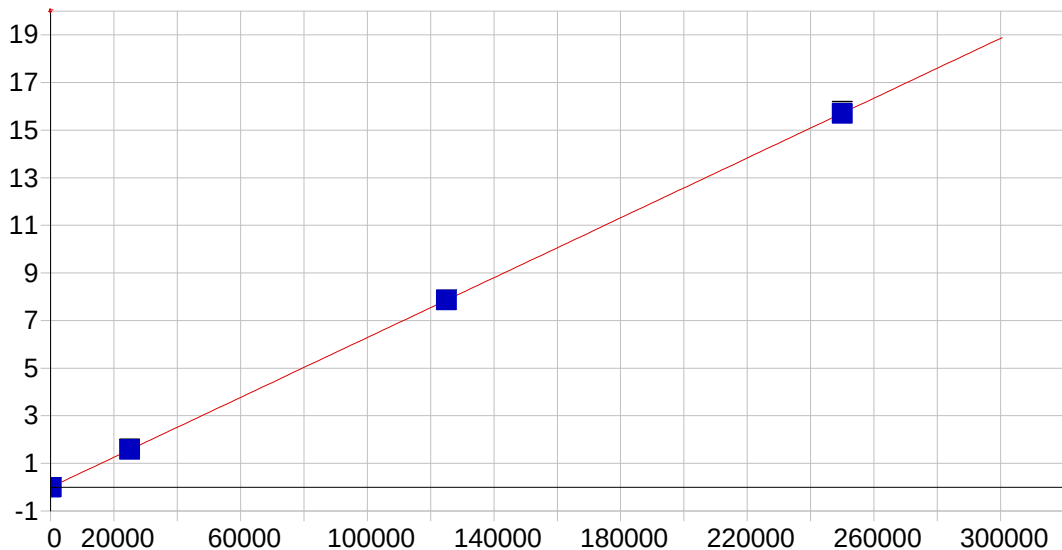


Y 371.030 { 91}*

Date of Fit: 12/31/2010 16:51:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000			Status:	Warning	Zero Gain	
Std Error of Est:	192.759705						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

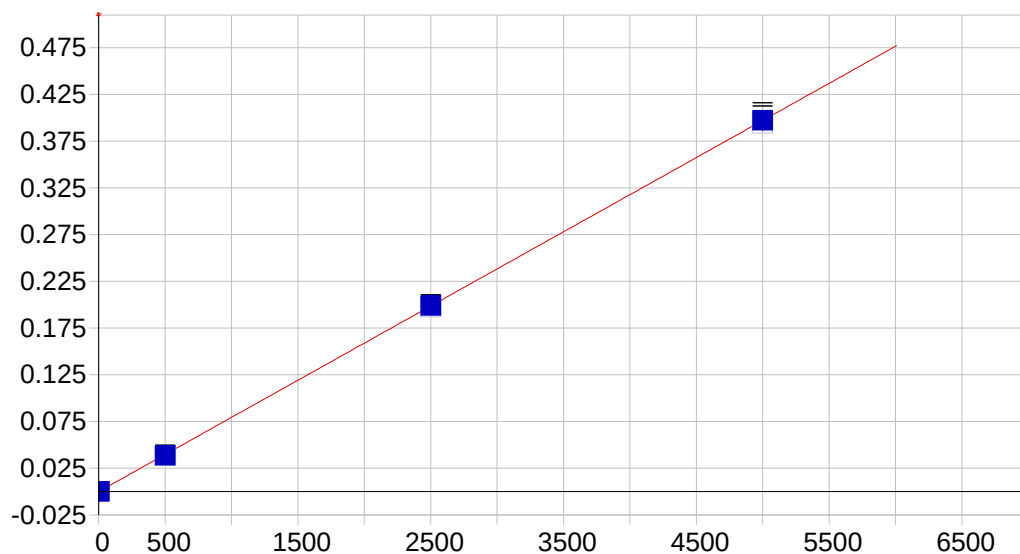


AI 396.152 { 85}

Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001169 Re-Slope: 1.000000
 A1 (Gain): 0.000063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 14.818616
 Predicted MQL: 49.395388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00196	.002	.000	.00117	.001	1
DCAL1	200.00	196.41	-3.59	-1.80	.01356	.001	1
DCAL2	25000.	25222.	222.	.888	1.5879	.003	1
DCAL3	125000.	125040.	42.3	.034	7.8675	.025	1
DCAL4	250000.	249740.	-261.	-.104	15.712	.086	1

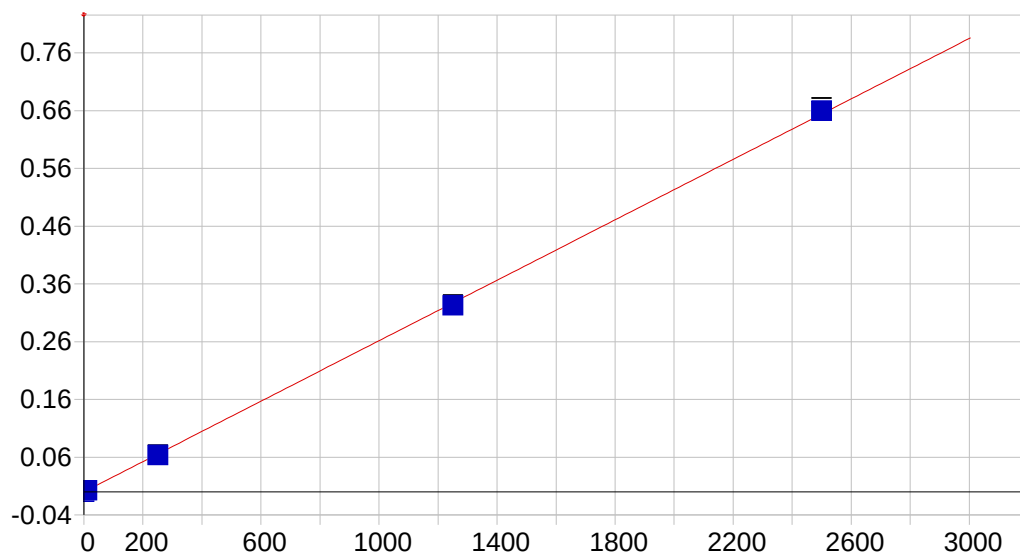


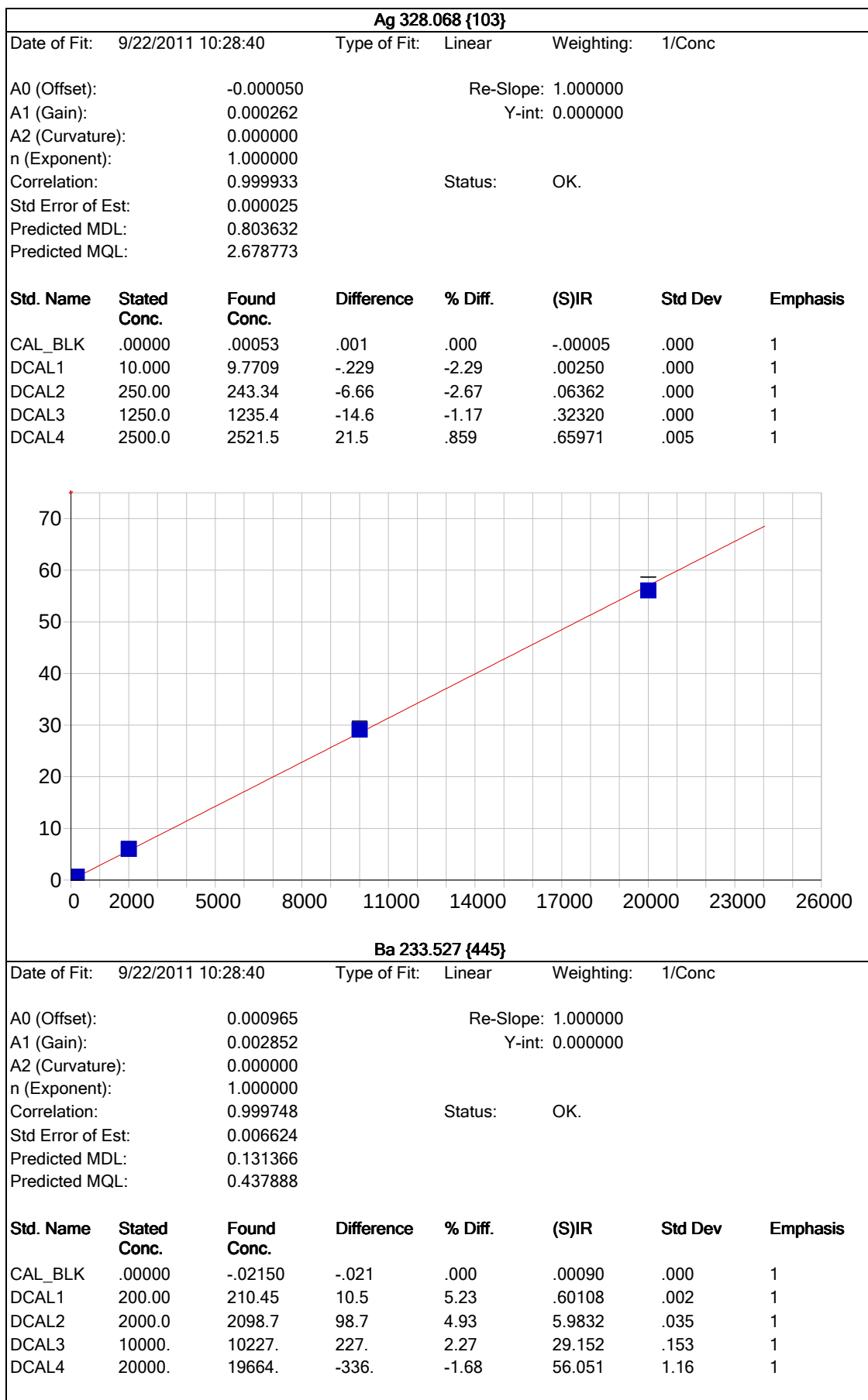
As 189.042 {478}

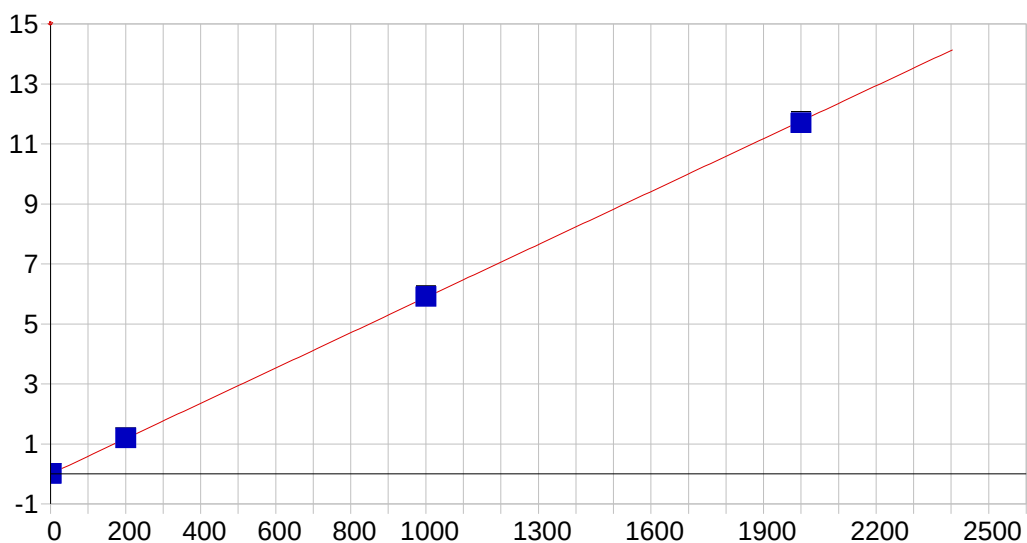
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.000079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 2.354844
 Predicted MQL: 7.849478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00158	-.002	.000	-.00010	.000	1
DCAL1	5.0000	6.6692	1.67	33.4	.00043	.000	1
DCAL2	500.00	490.03	-9.97	-1.99	.03849	.000	1
DCAL3	2500.0	2506.7	6.68	.267	.19734	.001	1
DCAL4	5000.0	5001.6	1.62	.032	.39385	.008	1





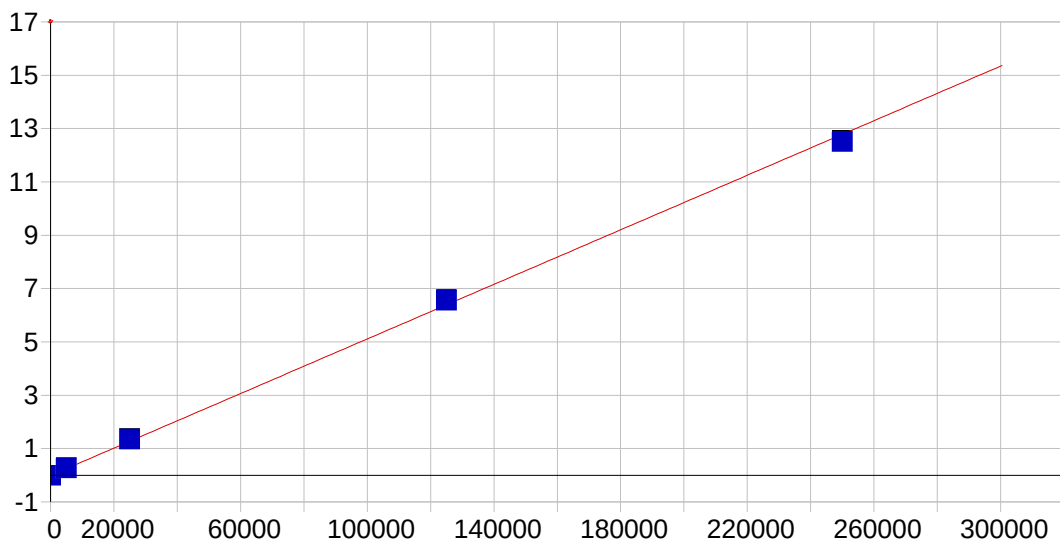


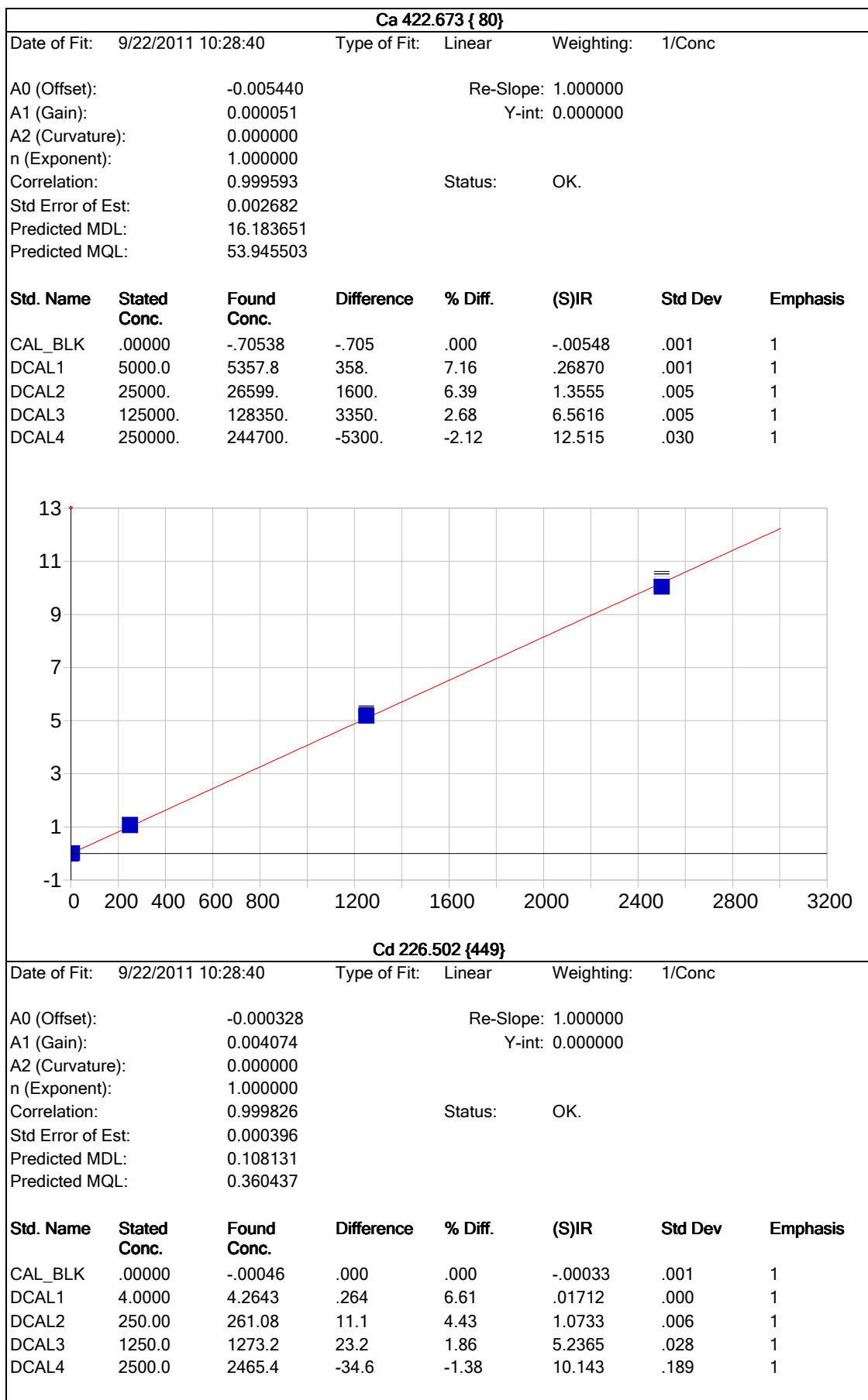
Be 313.042 {108}

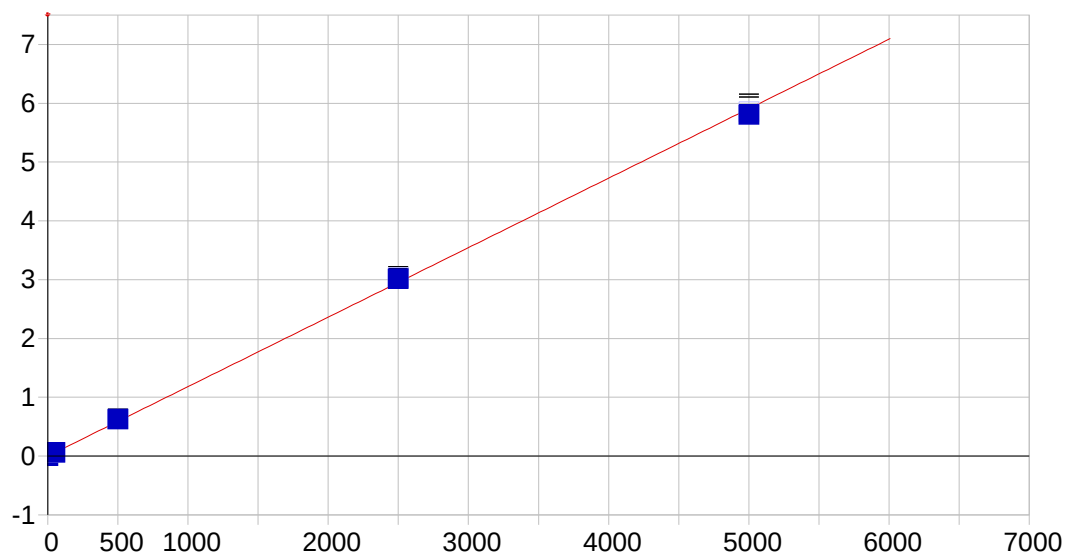
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.005882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.115730
 Predicted MQL: 0.385766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00000	.000	.000	.00003	.000	1
DCAL1	2.0000	1.9608	-.039	-1.96	.01157	.001	1
DCAL2	200.00	204.08	4.08	2.04	1.2007	.007	1
DCAL3	1000.0	1005.8	5.84	.584	5.9176	.015	1
DCAL4	2000.0	1990.1	-9.88	-.494	11.708	.043	1





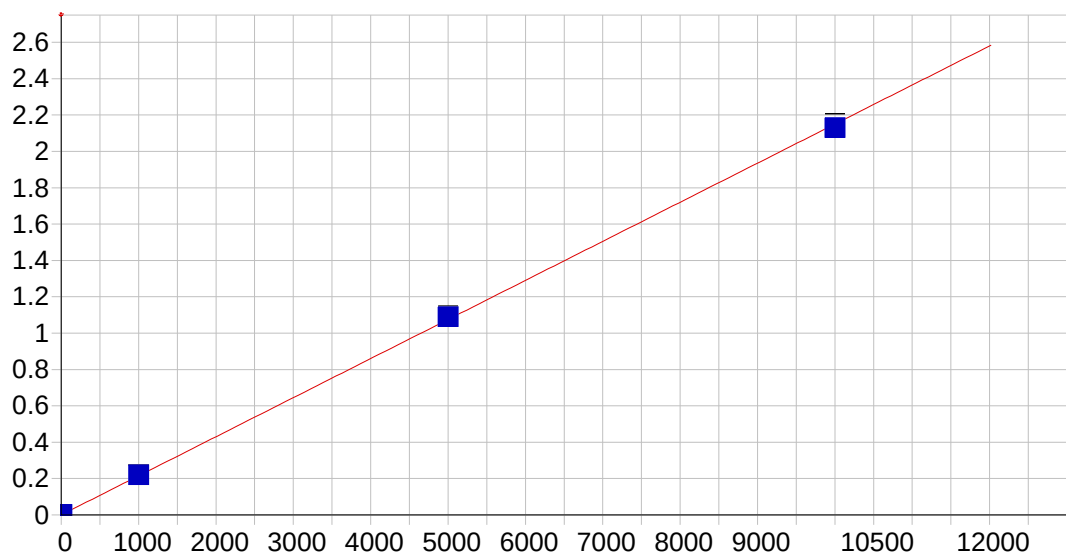


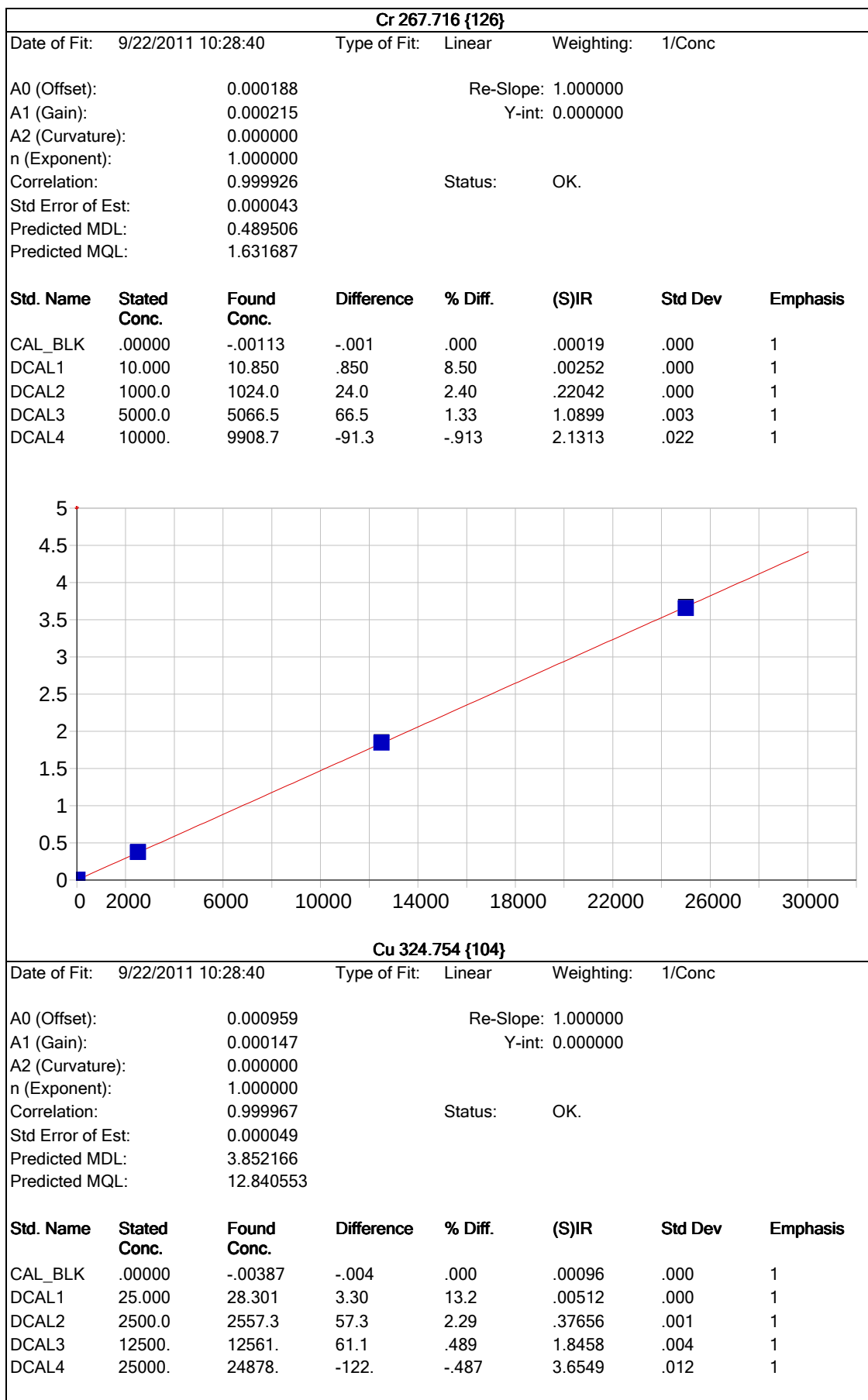
Co 228.616 {447}

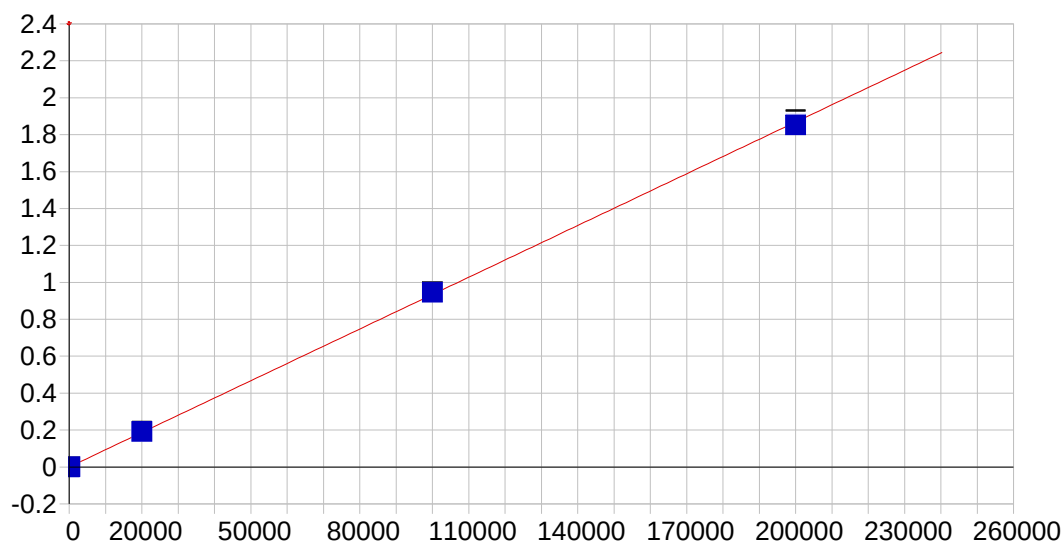
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000467 Re-Slope: 1.000000
 A1 (Gain): 0.001182 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.000729
 Predicted MDL: 0.314522
 Predicted MQL: 1.048407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00673	-.007	.000	-.00047	.000	1
DCAL1	50.000	53.567	3.57	7.13	.06283	.001	1
DCAL2	500.00	529.77	29.8	5.95	.63040	.004	1
DCAL3	2500.0	2552.1	52.1	2.08	3.0395	.017	1
DCAL4	5000.0	4914.6	-85.4	-1.71	5.8555	.130	1





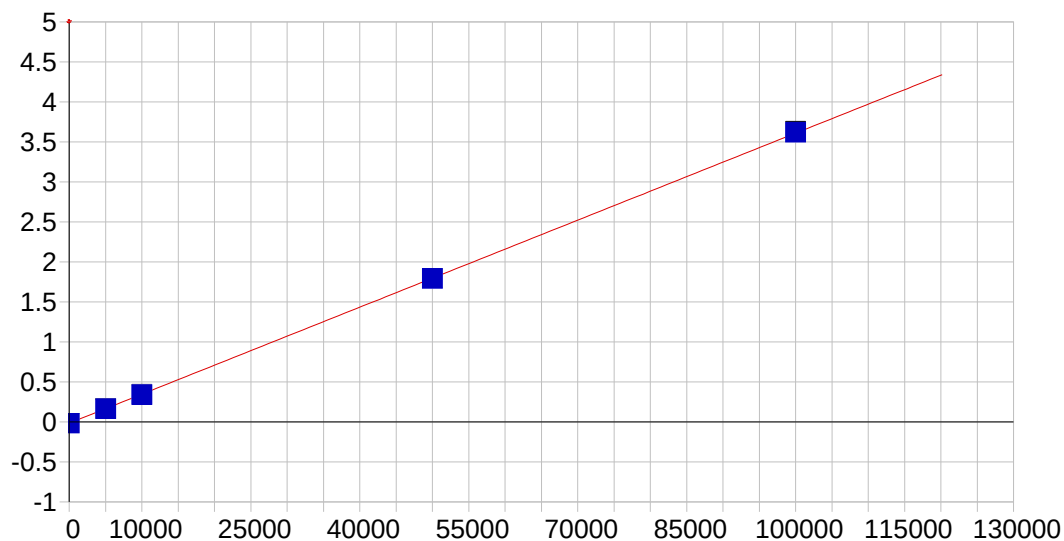


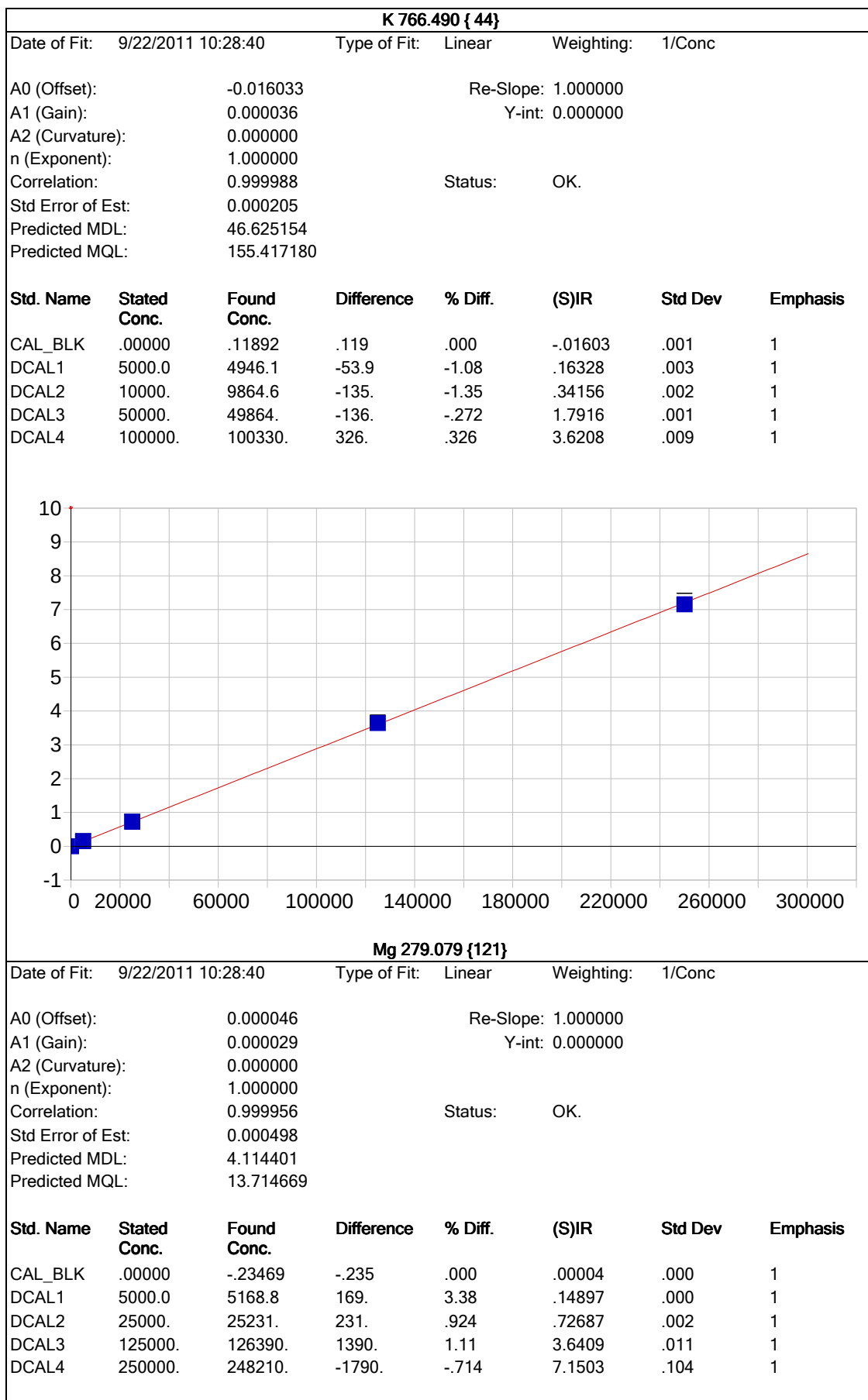
Fe 271.441 {124}

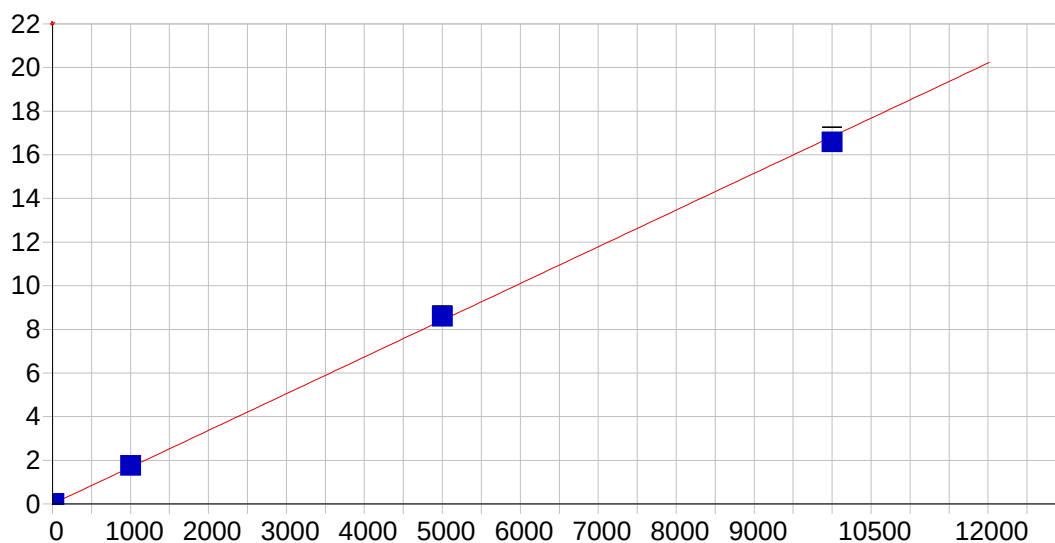
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.000009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 11.603402
 Predicted MQL: 38.678006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02014	-.020	.000	.00000	.000	1
DCAL1	150.00	165.65	15.6	10.4	.00159	.000	1
DCAL2	20000.	20532.	532.	2.66	.19232	.001	1
DCAL3	100000.	101210.	1210.	1.21	.94805	.003	1
DCAL4	200000.	198240.	-1760.	-.880	1.8570	.023	1





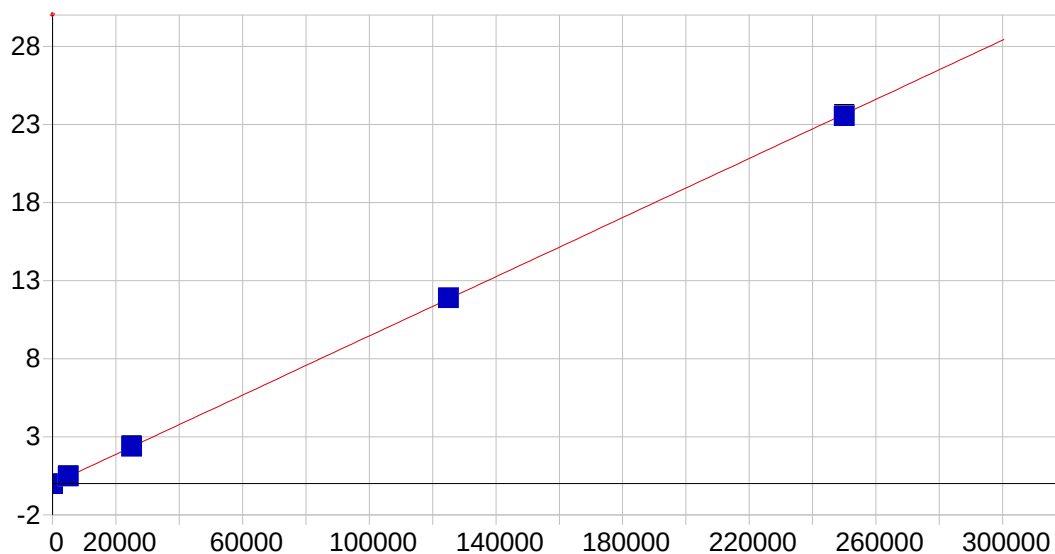


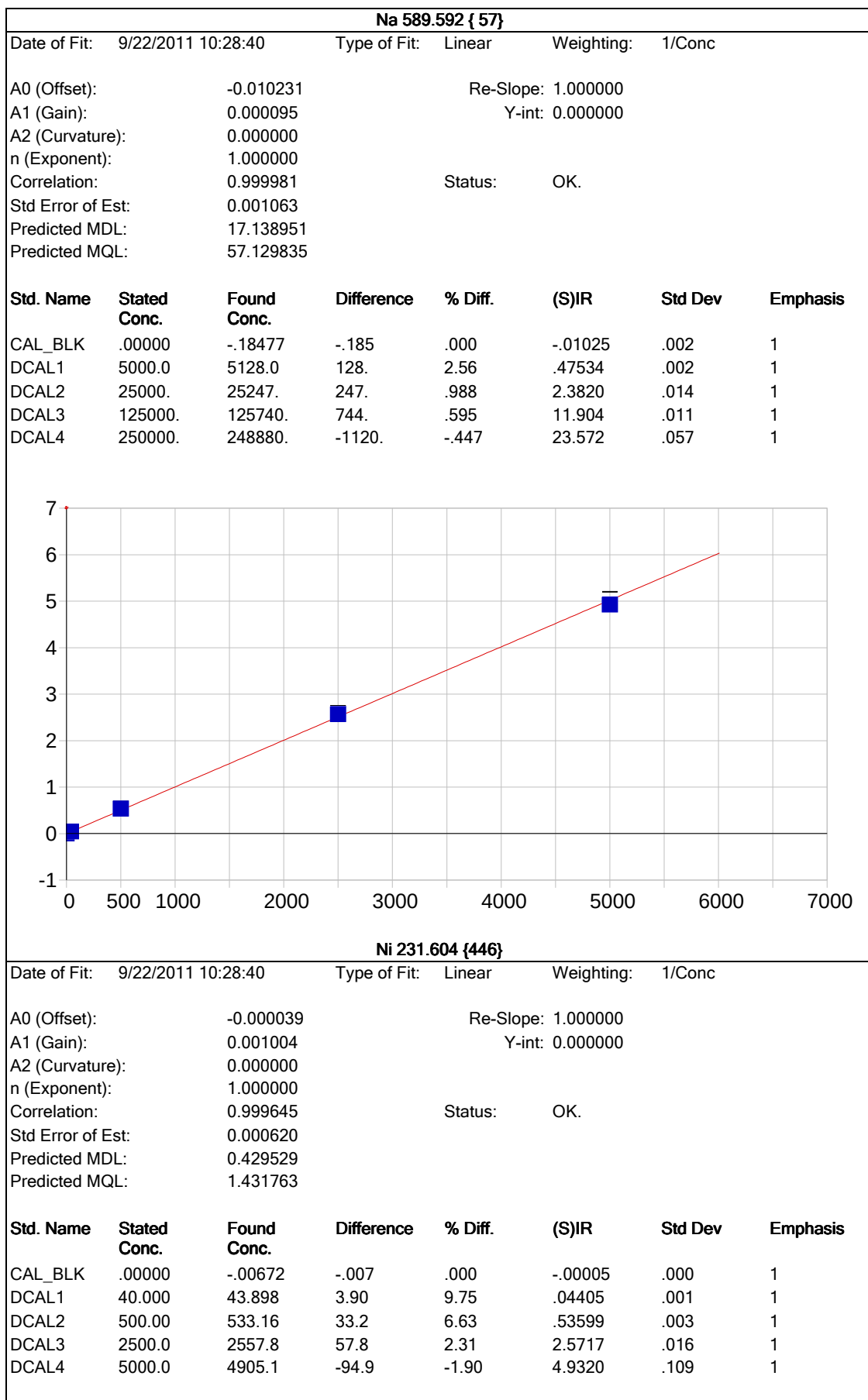
Mn 257.610 {131}

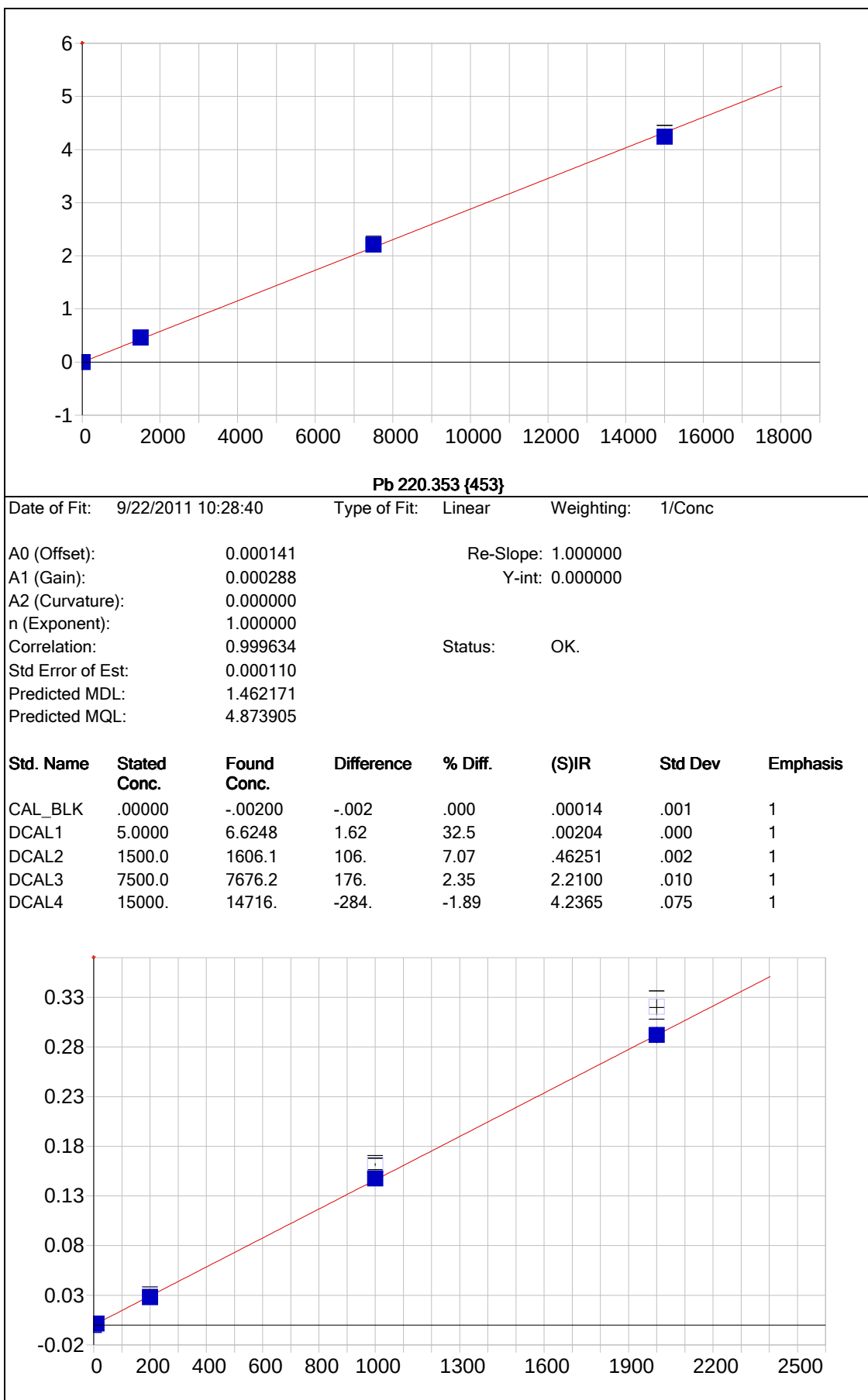
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

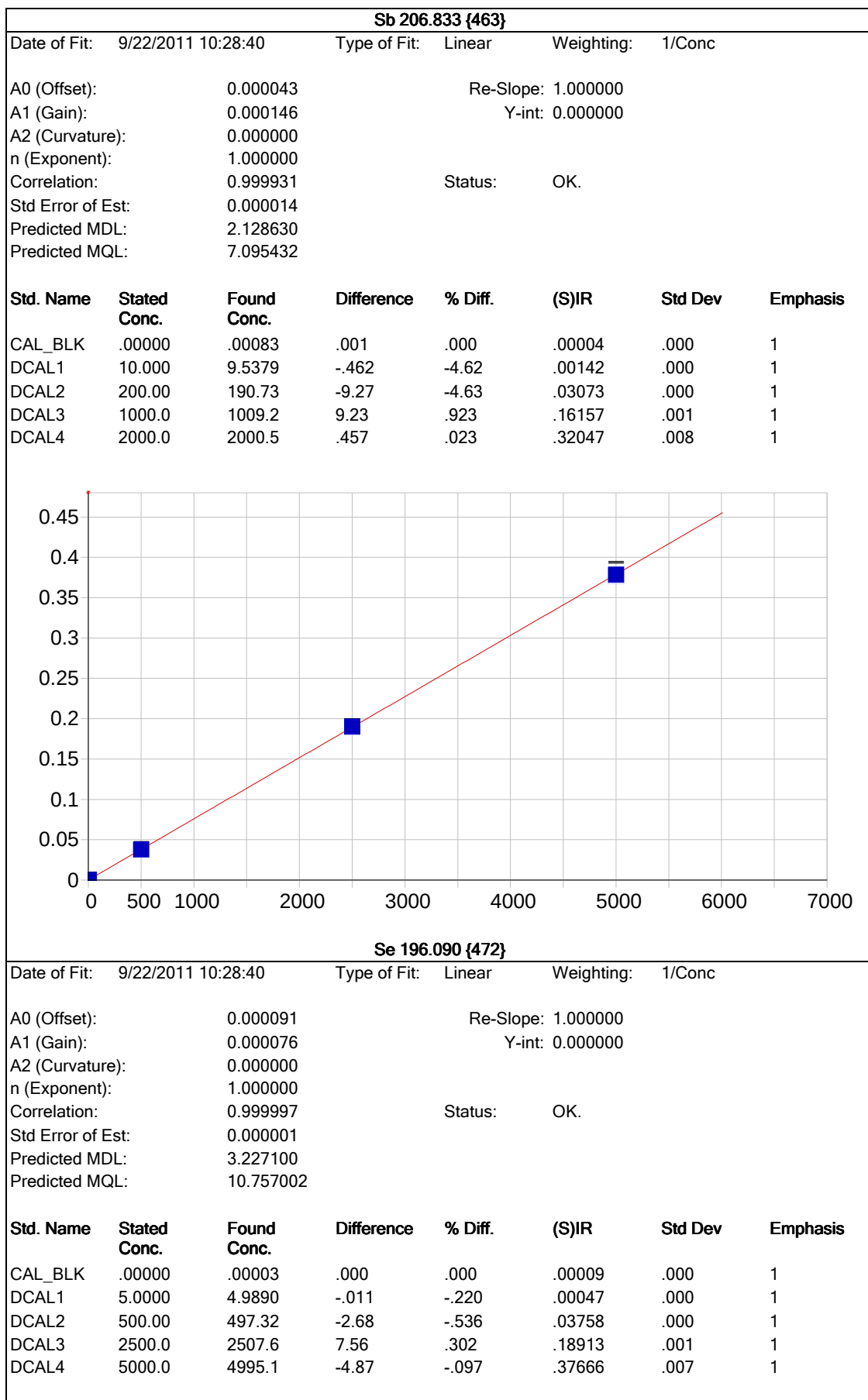
A0 (Offset): 0.000141 Re-Slope: 1.000000
 A1 (Gain): 0.001684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000676
 Predicted MDL: 0.075980
 Predicted MQL: 0.253267

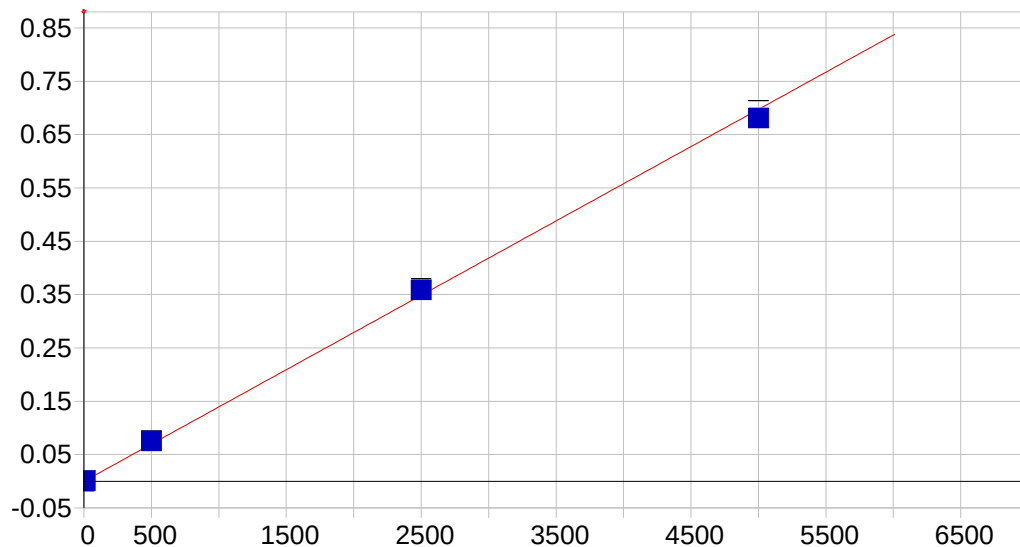
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00185	-.002	.000	.00014	.000	1
DCAL1	15.000	16.073	1.07	7.16	.02725	.000	1
DCAL2	1000.0	1046.2	46.2	4.62	1.7616	.005	1
DCAL3	5000.0	5101.2	101.	2.02	8.5892	.022	1
DCAL4	10000.	9851.6	-148.	-1.48	16.587	.215	1









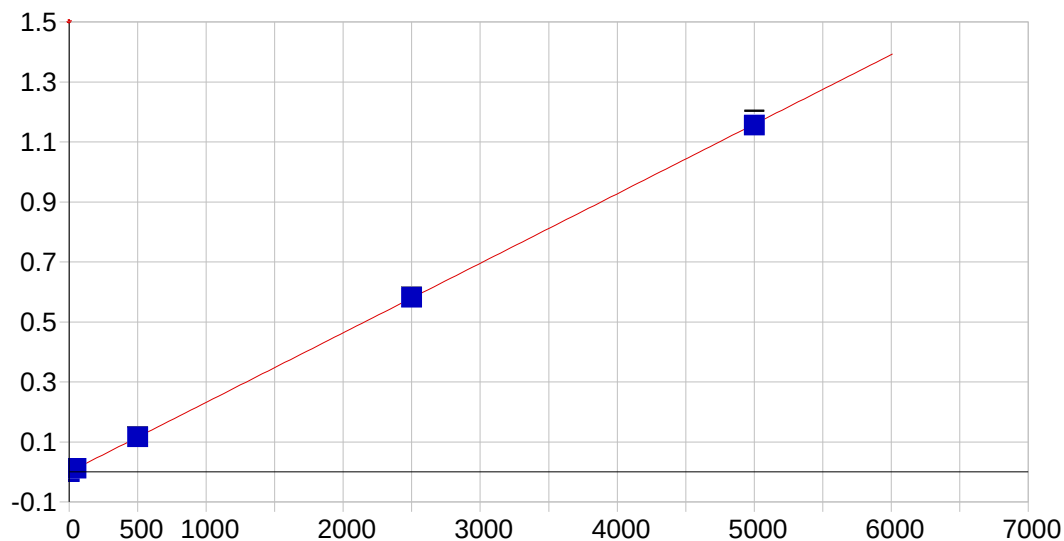


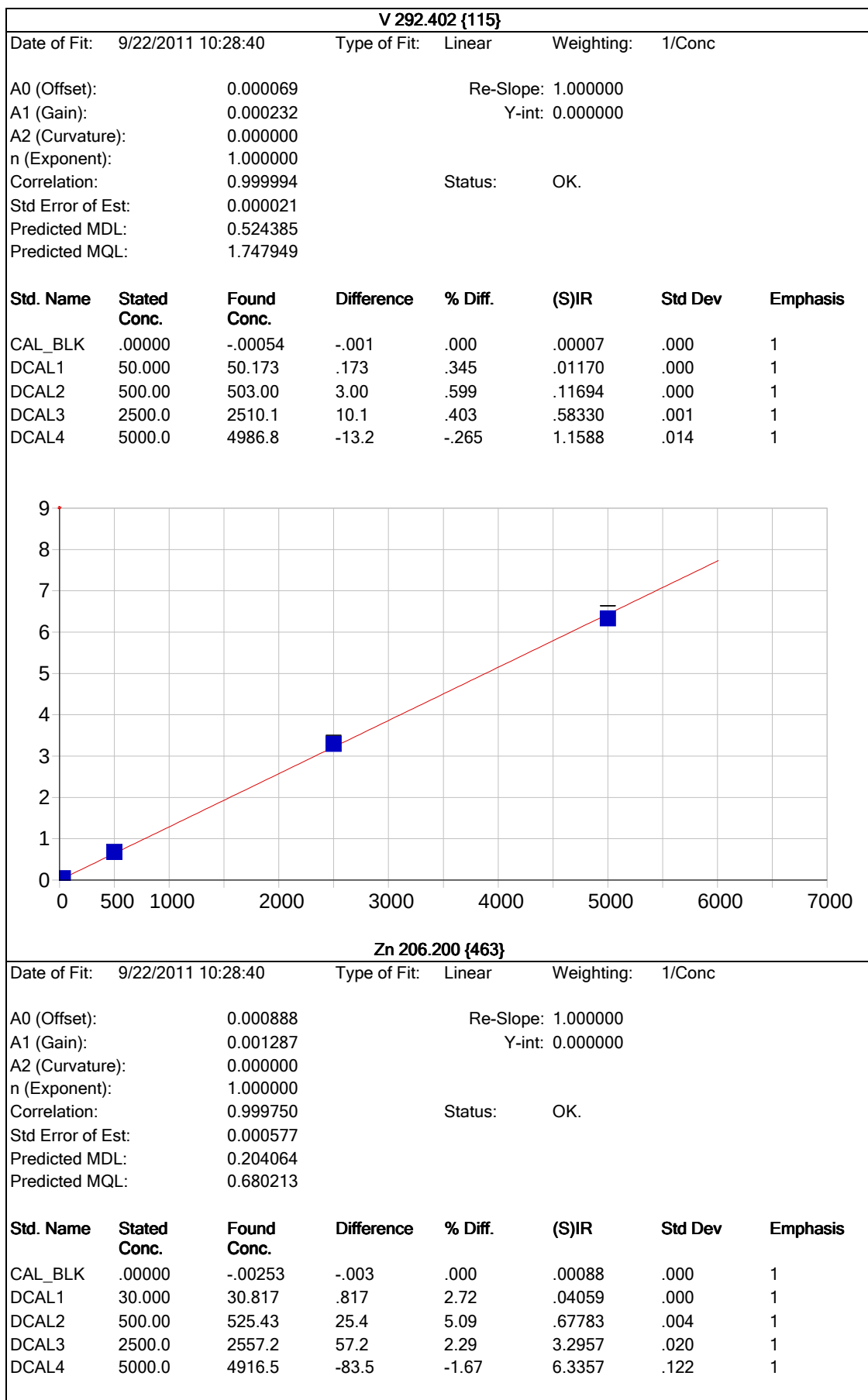
TI 190.856 {477}

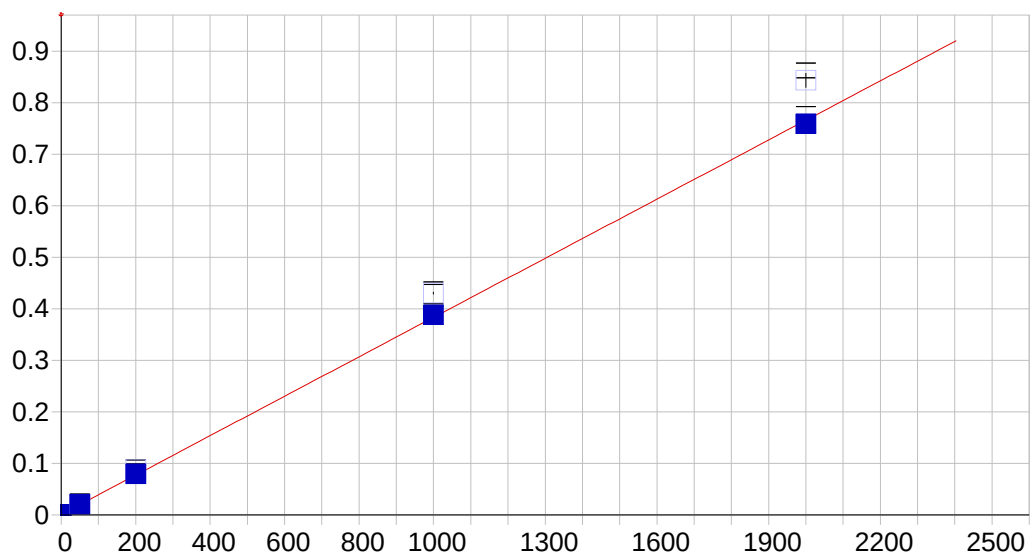
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.000139 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999475 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 1.865354
 Predicted MQL: 6.217845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00033	.000	.000	-.00009	.000	1
DCAL1	10.000	9.4232	-.577	-5.77	.00124	.000	1
DCAL2	500.00	542.04	42.0	8.41	.07554	.001	1
DCAL3	2500.0	2574.0	74.0	2.96	.35906	.002	1
DCAL4	5000.0	4884.6	-115.	-2.31	.68147	.014	1





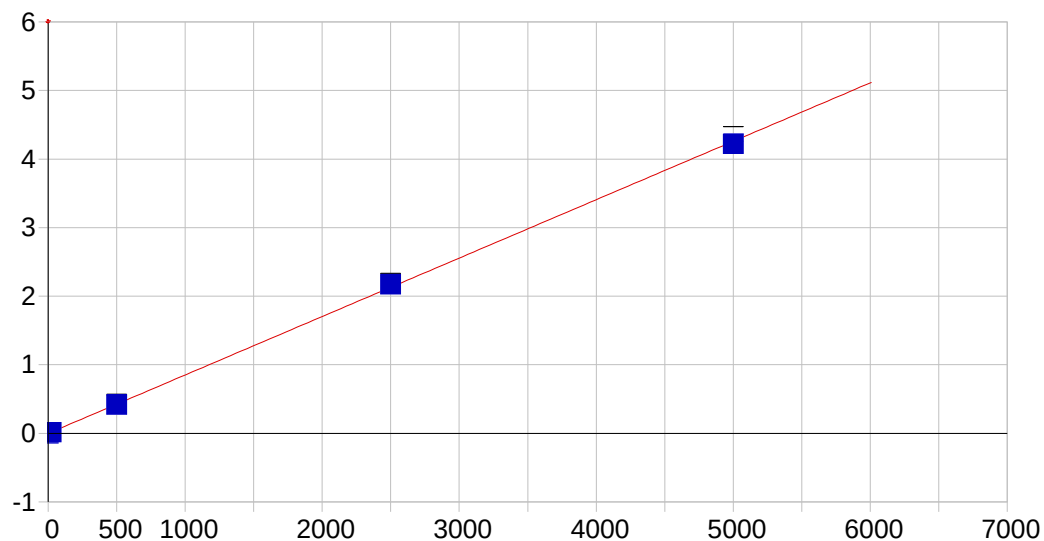


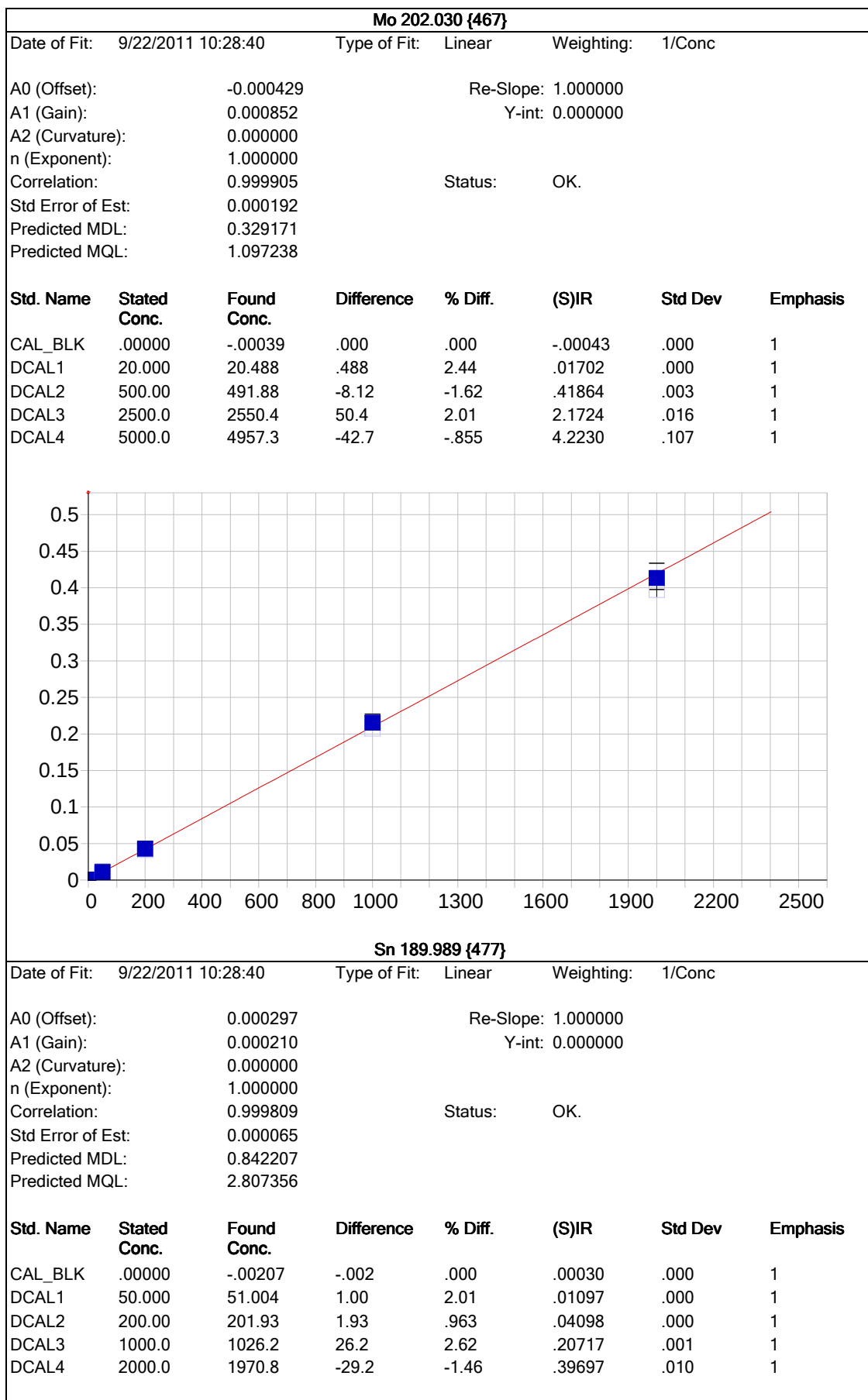
B 208.959 {461}

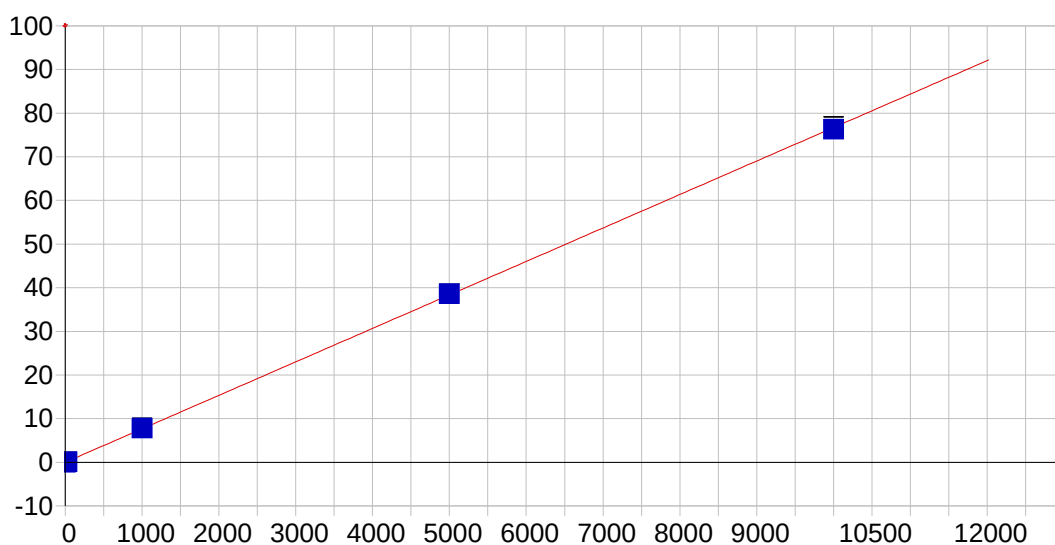
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000856 Re-Slope: 1.000000
 A1 (Gain): 0.000382 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.751235
 Predicted MQL: 2.504116

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00213	-.002	.000	.00085	.000	1
DCAL1	50.000	50.749	.749	1.50	.02061	.000	1
DCAL2	200.00	204.83	4.83	2.41	.08763	.000	1
DCAL3	1000.0	1012.4	12.4	1.24	.43027	.002	1
DCAL4	2000.0	1982.1	-17.9	-.897	.84332	.014	1





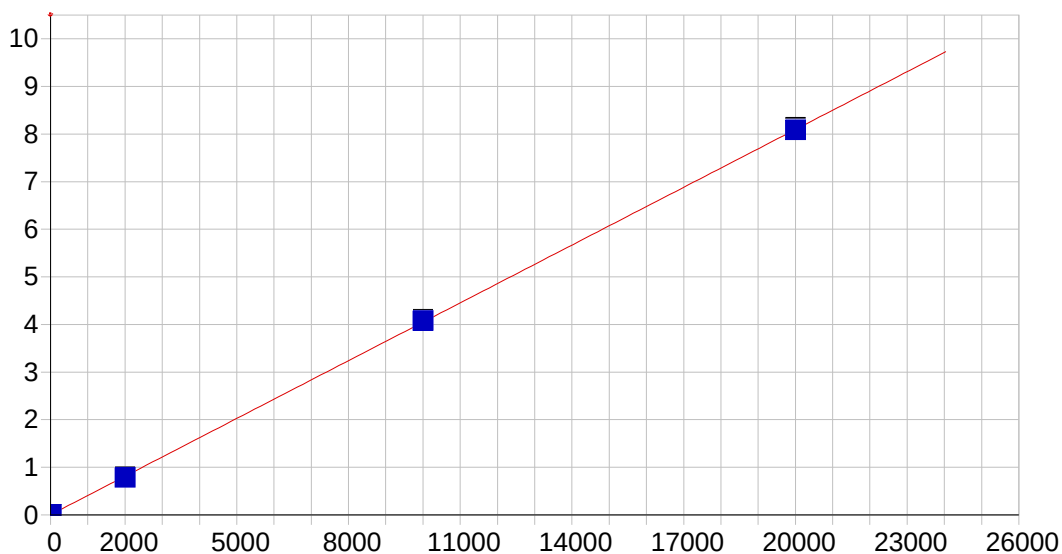


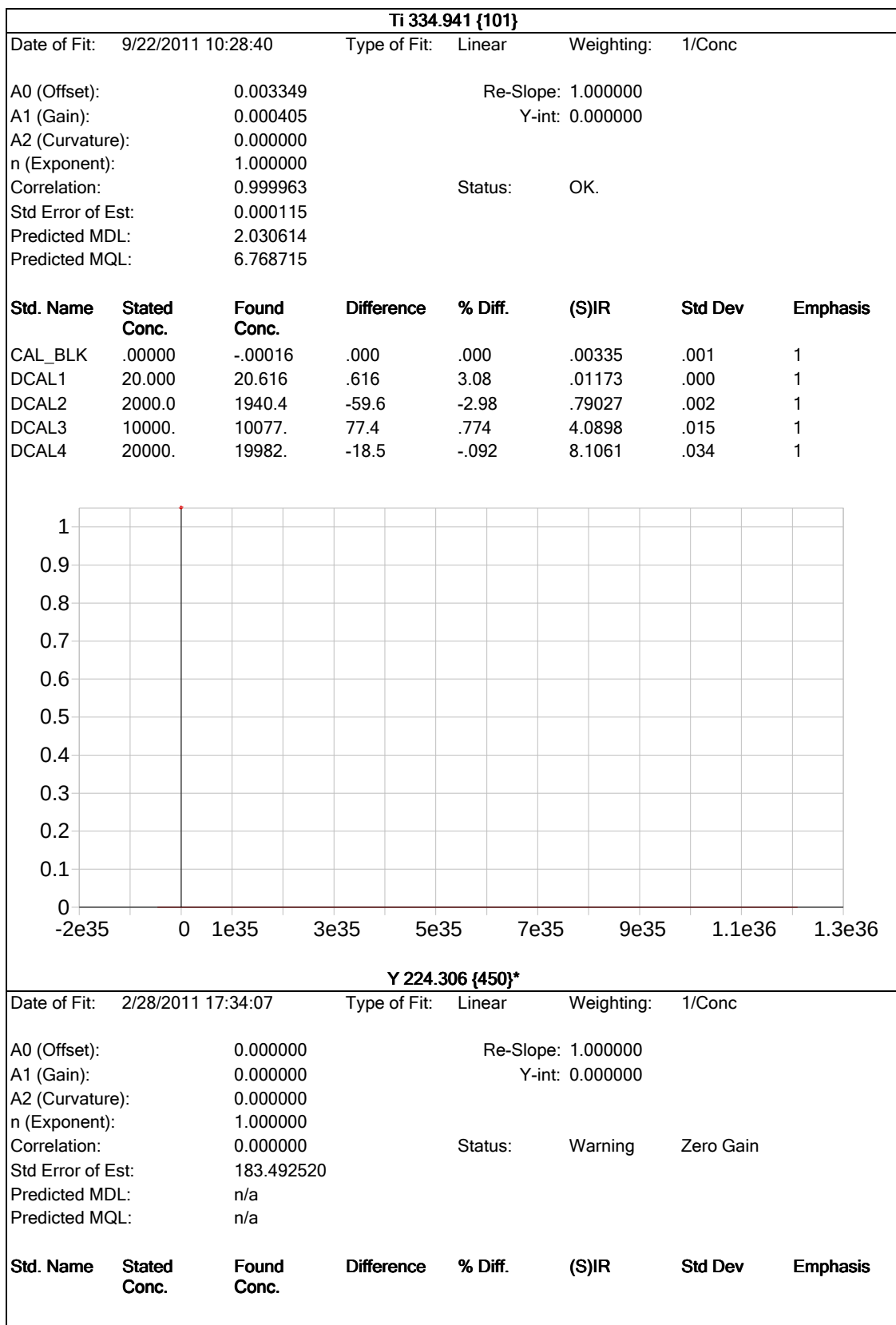
Sr 407.771 { 83}

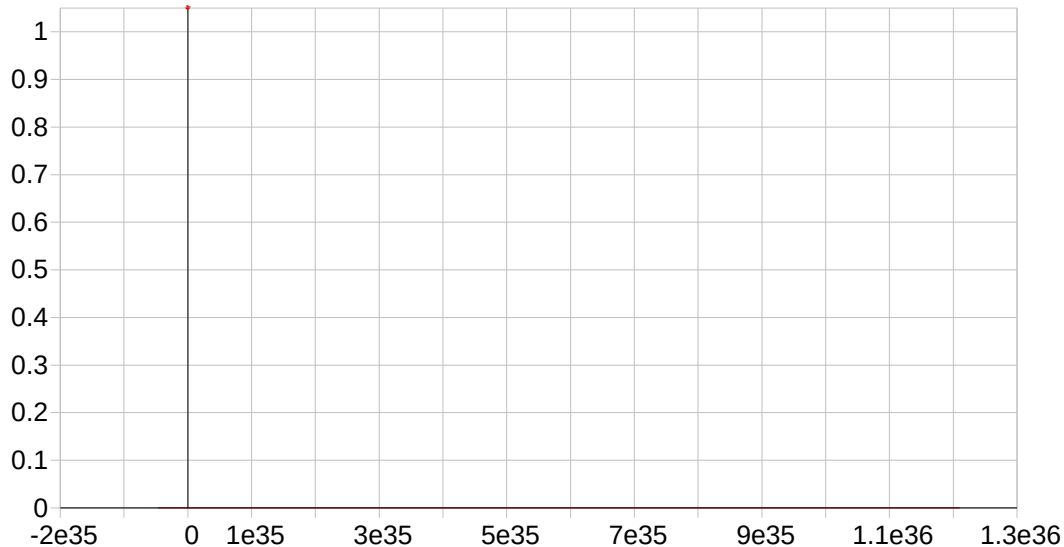
Date of Fit: 9/22/2011 10:28:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001623 Re-Slope: 1.000000
 A1 (Gain): 0.007671 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.001292
 Predicted MDL: 0.119755
 Predicted MQL: 0.399183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00073	-.001	.000	-.00163	.000	1
DCAL1	20.000	20.344	.344	1.72	.15496	.001	1
DCAL2	1000.0	1017.8	17.8	1.78	7.8086	.044	1
DCAL3	5000.0	5035.0	35.0	.700	38.634	.091	1
DCAL4	10000.	9946.8	-53.2	-.532	76.324	.596	1







Y 360.073 { 94}*

Date of Fit: 5/4/2010 9:11:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

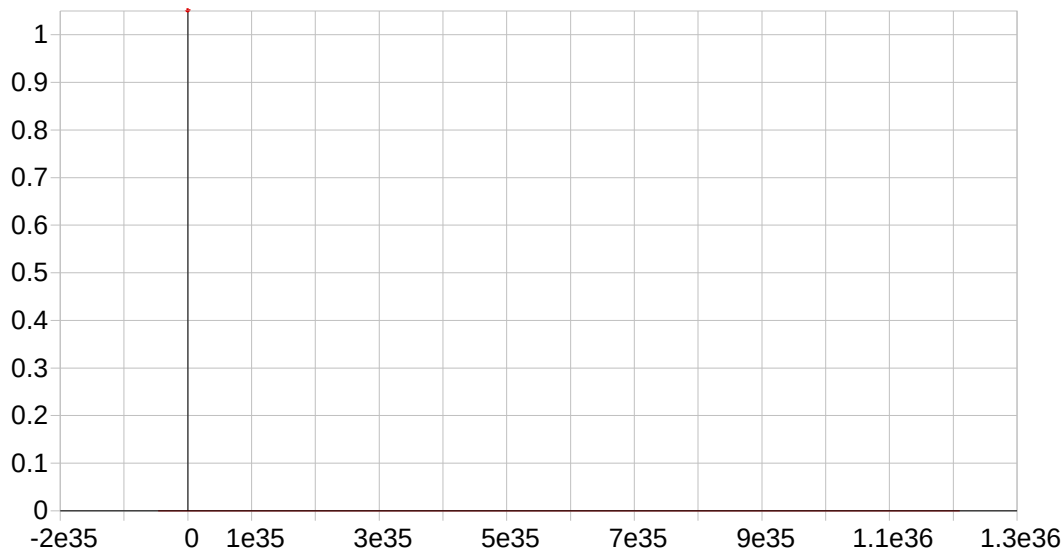
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit: 12/31/2010 16:51:17

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000			Status:	Warning	Zero Gain	
Std Error of Est:	192.759705						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: CAL_BLK Acquired: 9/22/2011 10:10:08 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0012	-.0001	.0000	.0009	.0000	-.0055
Stddev	.0013	.0002	.000	.0000	.0003	.0006
%RSD	110.6	223.1	476.7	5.076	861.6	11.56

#1	-.0002	.0001	.0001	.0009	-.0002	-.0052
#2	.0013	-.0003	-.0003	.0009	-.0001	-.0062
#3	.0024	-.0001	.0000	.0009	.0003	-.0051

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0003	-.0005	.0002	.0010	.0000	-.0160
Stddev	.0005	.0004	.0001	.0003	.000	.0012
%RSD	156.9	88.60	30.27	28.84	648.3	7.192

#1	-.0008	.0000	.0002	.0013	.0000	-.0156
#2	.0002	-.0005	.0002	.0008	.0000	-.0173
#3	-.0004	-.0009	.0001	.0008	.0000	-.0152

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0001	-.0102	.0000	.0001	.0000
Stddev	.0001	.0000	.0015	.000	.0005	.0001
%RSD	286.1	33.85	14.88	226.2	385.0	311.0

#1	.0002	.0002	-.0087	.0000	.0007	.0001
#2	.0000	.0001	-.0118	-.0002	-.0004	-.0001
#3	-.0001	.0002	-.0102	.0000	.0002	.0002

Sample Name: CAL_BLK Acquired: 9/22/2011 10:10:08 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0001	.0001	.0009	.0009	-.0004
Stddev	.0000	.0001	.0002	.0001	.0001	.0004
%RSD	23.98	72.30	245.7	10.05	15.79	89.56

#1	.0001	-.0002	.0001	.0010	.0008	-.0005
#2	.0001	-.0001	-.0001	.0008	.0010	.0000
#3	.0001	.0000	.0002	.0009	.0008	-.0007

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0016	.0033
Stddev	.0002	.0005	.0006
%RSD	72.28	28.50	17.06

#1	.0001	-.0021	.0032
#2	.0004	-.0011	.0040
#3	.0005	-.0017	.0028

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2535.2	38774.	6070.6
Stddev	.4	83.	4.6
%RSD	.01661	.21295	.07646

#1	2534.7	38685.	6067.8
#2	2535.2	38848.	6068.1
#3	2535.6	38789.	6076.0

Sample Name: DCAL1 Acquired: 9/22/2011 10:13:59 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0136	.0004	.0025	.6011	.0116	.2687
Stddev	.0007	.0001	.0002	.0016	.0007	.0007
%RSD	5.341	27.45	6.211	.2641	6.212	.2601

#1	.0143	.0005	.0023	.5999	.0121	.2681
#2	.0128	.0004	.0026	.6029	.0118	.2685
#3	.0136	.0003	.0026	.6004	.0108	.2695

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0171	.0628	.0025	.0051	.0016	.1633
Stddev	.0002	.0006	.0000	.0005	.0001	.0026
%RSD	.9840	.9710	.6163	9.377	6.940	1.599

#1	.0169	.0621	.0025	.0053	.0017	.1657
#2	.0173	.0631	.0025	.0055	.0015	.1605
#3	.0171	.0632	.0025	.0046	.0015	.1636

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1490	.0272	.4753	.0441	.0020	.0014
Stddev	.0004	.0000	.0020	.0007	.0003	.0002
%RSD	.2867	.1673	.4245	1.606	15.89	15.79

#1	.1485	.0273	.4732	.0443	.0024	.0013
#2	.1493	.0272	.4755	.0446	.0019	.0012
#3	.1491	.0272	.4773	.0433	.0018	.0017

Sample Name: DCAL1 Acquired: 9/22/2011 10:13:59 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	.0012	.0117	.0406	.0206	.0170
Stddev	.0002	.0003	.0001	.0002	.0002	.0001
%RSD	35.17	20.46	.6800	.4652	.9741	.8417

#1	.0004	.0015	.0117	.0404	.0207	.0171
#2	.0007	.0010	.0118	.0407	.0208	.0171
#3	.0003	.0012	.0116	.0407	.0204	.0169

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0110	.1550	.0117
Stddev	.0002	.0010	.0004
%RSD	1.670	.6169	3.258

#1	.0108	.1541	.0122
#2	.0111	.1547	.0115
#3	.0110	.1560	.0115

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2532.6	38818.	6092.3
Stddev	6.5	24.	29.3
%RSD	.25529	.06225	.48022

#1	2539.2	38842.	6120.1
#2	2532.3	38793.	6095.0
#3	2526.3	38819.	6061.8

Sample Name: DCAL2 Acquired: 9/22/2011 10:17:45 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.588	.0385	.0636	5.983	1.201	1.356
Stddev	.003	.0004	.0002	.035	.007	.005
%RSD	.1984	.9106	.3163	.5795	.5667	.3910

#1	1.586	.0389	.0637	6.012	1.204	1.358
#2	1.592	.0384	.0638	5.992	1.205	1.359
#3	1.586	.0382	.0634	5.945	1.193	1.349

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.073	.6304	.2204	.3766	.1923	.3416
Stddev	.006	.0035	.0004	.0007	.0007	.0023
%RSD	.5487	.5565	.1643	.1887	.3837	.6858

#1	1.077	.6326	.2204	.3768	.1925	.3442
#2	1.076	.6322	.2208	.3771	.1929	.3409
#3	1.067	.6264	.2201	.3758	.1915	.3396

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7269	1.762	2.382	.5360	.4625	.0307
Stddev	.0019	.005	.015	.0031	.0021	.0003
%RSD	.2558	.2892	.6077	.5721	.4462	.9799

#1	.7270	1.764	2.395	.5386	.4642	.0310
#2	.7287	1.765	2.385	.5368	.4631	.0307
#3	.7250	1.756	2.366	.5326	.4602	.0304

Sample Name: DCAL2 Acquired: 9/22/2011 10:17:45 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0376	.0755	.1169	.6778	.0876	.4186
Stddev	.0002	.0008	.0005	.0043	.0005	.0029
%RSD	.6130	1.009	.4269	.6417	.5235	.6997

#1	.0374	.0761	.1168	.6816	.0880	.4210
#2	.0378	.0758	.1175	.6788	.0877	.4196
#3	.0376	.0747	.1165	.6731	.0871	.4154

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0410	7.809	.7903
Stddev	.0003	.044	.0015
%RSD	.6235	.5607	.1952

#1	.0412	7.833	.7904
#2	.0410	7.835	.7917
#3	.0407	7.758	.7887

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2464.3	37674.	6055.3
Stddev	7.7	42.	25.7
%RSD	.31327	.11150	.42419

#1	2457.2	37660.	6056.8
#2	2463.2	37641.	6028.9
#3	2472.5	37721.	6080.2

Sample Name: DCAL3 Acquired: 9/22/2011 10:21:20 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.868	.1973	.3232	29.15	5.918	6.562
Stddev	.025	.0009	.0005	.15	.015	.005
%RSD	.3223	.4807	.1472	.5265	.2560	.0771

#1	7.865	.1981	.3230	29.26	5.917	6.562
#2	7.894	.1977	.3237	29.21	5.933	6.567
#3	7.844	.1963	.3228	28.98	5.903	6.557

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.237	3.039	1.090	1.846	.9481	1.792
Stddev	.028	.017	.003	.004	.0028	.001
%RSD	.5349	.5521	.2890	.1953	.2940	.0644

#1	5.257	3.052	1.092	1.846	.9501	1.793
#2	5.247	3.046	1.091	1.850	.9492	1.792
#3	5.205	3.020	1.086	1.842	.9449	1.790

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.641	8.589	11.90	2.572	2.210	.1616
Stddev	.011	.022	.01	.016	.010	.0013
%RSD	.3017	.2578	.0966	.6192	.4689	.8231

#1	3.649	8.606	11.92	2.581	2.216	.1627
#2	3.646	8.597	11.90	2.580	2.216	.1618
#3	3.628	8.564	11.89	2.553	2.198	.1601

Sample Name: DCAL3 Acquired: 9/22/2011 10:21:20 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1891	.3591	.5833	3.296	.4303	2.172
Stddev	.0005	.0022	.0011	.020	.0024	.016
%RSD	.2760	.6127	.1903	.6044	.5656	.7450

#1	.1894	.3601	.5834	3.310	.4312	2.182
#2	.1895	.3605	.5843	3.304	.4321	2.182
#3	.1885	.3565	.5821	3.273	.4275	2.154

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.2072	38.63	4.090
Stddev	.0013	.09	.015
%RSD	.6317	.2358	.3755

#1	.2082	38.69	4.097
#2	.2076	38.68	4.100
#3	.2057	38.53	4.072

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2316.9	35242.	5922.1
Stddev	2.2	82.	17.7
%RSD	.09388	.23280	.29894

#1	2314.4	35216.	5940.3
#2	2317.9	35176.	5921.0
#3	2318.4	35334.	5905.0

Sample Name: DCAL4 Acquired: 9/22/2011 10:24:49 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.71	.3938	.6597	56.05	11.71	12.51
Stddev	.09	.0083	.0054	1.16	.04	.03
%RSD	.5448	2.097	.8149	2.061	.3704	.2402

#1	15.71	.3982	.6639	56.73	11.71	12.51
#2	15.80	.3990	.6616	56.71	11.75	12.55
#3	15.63	.3843	.6537	54.72	11.66	12.49

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.14	5.856	2.131	3.655	1.857	3.621
Stddev	.19	.130	.022	.012	.023	.009
%RSD	1.868	2.227	1.032	.3196	1.241	.2468

#1	10.25	5.933	2.146	3.653	1.874	3.611
#2	10.25	5.928	2.142	3.668	1.866	3.622
#3	9.924	5.705	2.106	3.644	1.831	3.629

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.150	16.59	23.57	4.932	4.236	.3205
Stddev	.104	.22	.06	.109	.075	.0083
%RSD	1.451	1.297	.2421	2.210	1.776	2.585

#1	7.140	16.60	23.52	4.996	4.280	.3257
#2	7.259	16.80	23.56	4.994	4.280	.3248
#3	7.052	16.37	23.63	4.806	4.150	.3109

Sample Name: DCAL4 Acquired: 9/22/2011 10:24:49 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3767	.6815	1.159	6.336	.8433	4.223
Stddev	.0067	.0139	.014	.122	.0140	.107
%RSD	1.786	2.034	1.195	1.926	1.658	2.526

#1	.3813	.6906	1.169	6.400	.8516	4.289
#2	.3797	.6883	1.164	6.412	.8512	4.280
#3	.3689	.6655	1.143	6.195	.8272	4.100

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.3970	76.32	8.106
Stddev	.0098	.60	.034
%RSD	2.472	.7807	.4213

#1	.4025	76.95	8.116
#2	.4028	76.26	8.134
#3	.3856	75.76	8.068

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2210.9	33556.	5804.3
Stddev	7.5	112.	14.4
%RSD	.33824	.33286	.24881

#1	2206.4	33477.	5819.3
#2	2206.7	33508.	5803.1
#3	2219.5	33684.	5790.5

Sample Name: ICV Acquired: 9/22/2011 10:28:46 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	2483.	1222.	10080.	976.3	125100.
Stddev	317.	3.	5.	32.	3.7	348.
%RSD	.2578	.1277	.4065	.3141	.3746	.2784

#1	123400.	2484.	1224.	10100.	980.5	125500.
#2	122900.	2485.	1216.	10100.	974.3	125100.
#3	122900.	2479.	1226.	10050.	974.0	124800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1265.	2504.	5006.	12300.	99680.	48980.
Stddev	4.	6.	5.	43.	375.	177.
%RSD	.3452	.2536	.1037	.3504	.3764	.3608

#1	1268.	2506.	5005.	12350.	99790.	49190.
#2	1268.	2510.	5001.	12280.	99270.	48870.
#3	1260.	2497.	5011.	12270.	99990.	48890.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/22/2011 10:28:46 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124400.	5050.	121300.	2540.	7573.	1020.
Stddev	165.	18.	708.	9.	28.	6.
%RSD	.1325	.3542	.5839	.3547	.3733	.5655

#1	124500.	5056.	122000.	2542.	7580.	1021.
#2	124200.	5030.	121300.	2547.	7596.	1025.
#3	124400.	5065.	120600.	2529.	7541.	1014.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2442.	2566.	2466.	2510.	1003.	2530.
Stddev	5.	8.	10.	9.	3.	12.
%RSD	.1962	.3109	.4060	.3648	.2886	.4652

#1	2439.	2566.	2468.	2516.	1001.	2536.
#2	2447.	2575.	2455.	2514.	1006.	2538.
#3	2439.	2559.	2475.	2500.	1002.	2516.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/22/2011 10:28:46 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1009.	4930.	9828.
Stddev	3.	19.	16.
%RSD	.2669	.3781	.1668

#1	1010.	4951.	9844.
#2	1012.	4924.	9828.
#3	1006.	4915.	9811.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2341.1	35598.	5970.0
Stddev	3.6	134.	4.4
%RSD	.15166	.37613	.07367

#1	2343.1	35646.	5969.4
#2	2337.0	35701.	5974.6
#3	2343.2	35447.	5965.9

Sample Name: CCB Acquired: 9/22/2011 10:32:19 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9806	.3669	-.7133	.2604	-.0097	-7.294
Stddev	2.030	1.129	.6528	.0707	.0257	22.44
%RSD	207.0	307.6	91.52	27.14	265.2	307.7

#1	-.2271	-.5886	-.4599	.3035	.0172	-8.335
#2	-.1555	1.612	-.2252	.1788	-.0124	-29.20
#3	3.324	.0772	-1.455	.2988	-.0339	15.65

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1324	.0293	-.1165	-.7140	9.862	129.5
Stddev	.0712	.1053	.2440	3.832	11.70	11.9
%RSD	53.80	359.1	209.4	536.8	118.7	9.221

#1	.0546	.1494	-.1047	.9469	23.21	141.3
#2	.1944	-.0136	.1214	2.008	5.033	117.4
#3	.1482	-.0477	-.3663	-5.097	1.347	129.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 10:32:19 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.132	.2258	29.71	-.1592	.1816	6.110
Stddev	1.805	.0901	10.51	.3542	.4405	1.971
%RSD	57.61	39.91	35.37	222.4	242.6	32.26
#1	5.028	.3260	40.87	.0176	.3516	3.839
#2	1.435	.1513	20.01	-.5670	.5118	7.105
#3	2.934	.2002	28.25	.0717	-.3186	7.385

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7055	-2.177	.2297	.1211	3.738	4.786
Stddev	.7669	.643	.2045	.1484	.827	.597
%RSD	108.7	29.54	89.00	122.5	22.13	12.47
#1	1.250	-2.214	.4020	.0398	4.659	5.164
#2	-.1715	-2.801	.2834	.2924	3.057	5.097
#3	1.038	-1.517	.0038	.0312	3.499	4.098

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 10:32:19 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2148	.0349	1.120
Stddev	.6291	.1462	2.493
%RSD	292.9	418.8	222.5

#1	-.2988	.1231	-1.311
#2	-.7977	.1155	1.002
#3	.4521	-.1338	3.670

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2531.0	39134.	6027.6
Stddev	1.6	55.	3.4
%RSD	.06398	.14056	.05629

#1	2531.3	39135.	6030.1
#2	2532.5	39188.	6023.7
#3	2529.3	39078.	6028.9

Sample Name: IC5A 1165859 Acquired: 9/22/2011 10:36:12 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	497500.	-1.483	.6389	1.865	-.0488	448900.
Stddev	968.	1.677	.4058	.301	.0843	1081.
%RSD	.1946	113.1	63.51	16.14	172.7	.2407

#1	498600.	-1.759	.9207	2.181	.0465	450100.
#2	496800.	.3151	.1738	1.582	-.1138	448100.
#3	497100.	-3.004	.8220	1.832	-.0792	448400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7000	-.2958	-.3275	-.7187	196400.	-16.98
Stddev	.0551	.1559	.2641	2.919	1338.	31.63
%RSD	7.870	52.70	80.65	406.1	.6812	186.3

#1	-.7505	-.1794	-.5922	2.645	198000.	15.51
#2	-.6412	-.4729	-.3262	-2.214	195600.	-47.68
#3	-.7082	-.2352	-.0640	-2.586	195700.	-18.77

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 1165859 Acquired: 9/22/2011 10:36:12 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	503800.	-2.258	-121.3	-1.573	-2.2878	-1.759
Stddev	2142.	.123	13.8	.535	1.801	2.461
%RSD	.4251	5.437	11.34	34.04	625.9	139.9

#1	503200.	-2.151	-132.5	-2.175	-2.026	-4.598
#2	502000.	-2.392	-105.9	-1.396	-4.085	-4.369
#3	506100.	-2.230	-125.4	-1.149	1.571	-.2426

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.969	-3.384	-2.609	.7975	5.952	-2.487
Stddev	.605	3.159	.466	.3248	.588	.249
%RSD	20.38	933.4	17.86	40.73	9.883	10.02

#1	-3.645	-.5523	-2.691	.7436	6.476	-2.773
#2	-2.477	2.922	-2.108	1.146	5.316	-2.313
#3	-2.785	-3.385	-3.029	.5030	6.066	-2.376

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSEA 1165859 Acquired: 9/22/2011 10:36:12 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-1.112	-4.118	21.62
Stddev	.6146	.192	1.83
%RSD	552.8	4.655	8.473

#1	-2.267	-4.338	22.90
#2	.5530	-3.986	22.43
#3	-.6599	-4.030	19.52

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2254.7	33404.	5794.4
Stddev	9.9	102.	7.7
%RSD	.43941	.30420	.13316

#1	2253.0	33300.	5790.4
#2	2245.7	33502.	5803.3
#3	2265.3	33411.	5789.6

Sample Name: ICSAB 1165868 Acquired: 9/22/2011 10:40:02 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	502400.	98.81	105.1	103.6	98.98	450500.
Stddev	1461.	3.20	.4	.4	.01	605.
%RSD	.2909	3.239	.3553	.3390	.0066	.1342

#1	503000.	97.33	105.1	104.0	98.98	449800.
#2	503400.	102.5	104.8	103.5	98.98	450800.
#3	500700.	96.62	105.5	103.3	98.97	450900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	97.31	97.54	102.5	100.6	200800.	10570.
Stddev	.41	.41	.4	.6	192.	37.
%RSD	.4206	.4193	.3559	.6310	.0958	.3464

#1	97.58	98.00	102.8	101.2	200700.	10530.
#2	97.50	97.41	102.1	100.4	200600.	10600.
#3	96.84	97.22	102.7	100.0	201000.	10570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/22/2011 10:40:02 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	516900.	99.28	10380.	96.74	97.22	99.04
Stddev	1654.	.06	21.	.36	2.04	.78
%RSD	.3199	.0636	.2069	.3713	2.096	.7859

#1	517300.	99.28	10350.	97.11	97.28	98.25
#2	518400.	99.35	10380.	96.39	95.15	99.80
#3	515100.	99.22	10390.	96.71	99.23	99.07

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	93.44	92.27	99.52	103.1	101.6	96.38
Stddev	5.19	2.62	.33	.2	.2	.46
%RSD	5.560	2.840	.3333	.2184	.1701	.4775

#1	96.96	95.25	99.90	103.0	101.8	96.76
#2	87.47	90.33	99.32	103.1	101.5	96.52
#3	95.90	91.23	99.34	103.4	101.5	95.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/22/2011 10:40:02 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	90.80	110.7	118.8
Stddev	.87	.5	.3
%RSD	.9559	.4908	.2411

#1	91.59	110.2	118.6
#2	90.94	111.3	118.8
#3	89.87	110.6	119.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2263.2	33316.	5853.6
Stddev	3.1	55.	15.6
%RSD	.13841	.16575	.26567

#1	2262.7	33377.	5870.2
#2	2266.5	33271.	5851.0
#3	2260.3	33299.	5839.4

Sample Name: INT-10 1165870 Acquired: 9/22/2011 10:43:47 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20.16	4.695	-3.511	-1.961	-.4391	72.96
Stddev	8.10	.543	.504	.050	.0434	8.75
%RSD	40.17	11.56	14.35	2.524	9.883	11.99

#1	10.94	5.104	-3.440	-1.926	-.4060	82.11
#2	26.14	4.902	-4.047	-2.018	-.4882	72.12
#3	23.39	4.079	-3.047	-1.941	-.4230	64.66

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7425	10740.	10020.	-7.380	-11.67	106.1
Stddev	.0665	108.	50.	3.722	17.17	61.6
%RSD	8.951	1.001	.4944	50.43	147.1	58.01

#1	-.8122	10790.	10050.	-7.468	2.593	88.17
#2	-.6798	10810.	10050.	-11.06	-6.876	55.53
#3	-.7356	10620.	9965.	-3.616	-30.73	174.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/22/2011 10:43:47 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	113.9	10320.	28.31	10880.	-1.828	4.662
Stddev	9.3	77.	15.72	113.	.810	2.564
%RSD	8.134	.7483	55.52	1.034	44.34	55.00

#1	123.6	10330.	46.45	10930.	-1.043	3.943
#2	112.9	10390.	19.37	10960.	-1.779	7.508
#3	105.1	10240.	19.10	10750.	-2.661	2.533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.703	5.918	4865.	-1.227	-4.796	5016.
Stddev	1.425	1.410	36.	.187	.621	63.
%RSD	83.70	23.83	.7433	15.23	12.95	1.255

#1	1.680	7.310	4894.	-1.209	-4.346	5050.
#2	3.139	5.955	4878.	-1.050	-5.505	5055.
#3	.2889	4.490	4825.	-1.423	-4.537	4943.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/22/2011 10:43:47 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	10190.	9889.	9773.
Stddev	117.	137.	25.
%RSD	1.146	1.381	.2586

#1	10240.	9962.	9802.
#2	10280.	9972.	9765.
#3	10060.	9731.	9754.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2495.6	39013.	6066.8
Stddev	6.6	82.	24.4
%RSD	.26440	.21056	.40180

#1	2498.4	39035.	6040.8
#2	2488.0	38922.	6070.5
#3	2500.3	39082.	6089.1

Sample Name: 460-31378-a-6-d du@4 Acquired: 9/22/2011 10:47:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34240.	31.41	2.809	279.2	1.842	125600.
Stddev	130.	2.21	.091	1.9	.050	76.
%RSD	.3784	7.029	3.229	.6690	2.684	.0603

#1	34100.	33.96	2.872	278.9	1.896	125700.
#2	34290.	30.11	2.705	281.2	1.832	125500.
#3	34350.	30.16	2.849	277.5	1.798	125600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.035	26.93	219.3	278.9	80270.	10040.
Stddev	.054	.09	.4	1.2	457.	43.
%RSD	2.654	.3296	.1723	.4341	.5690	.4306

#1	2.007	27.02	219.7	278.9	80520.	10010.
#2	2.000	26.85	219.2	280.2	80560.	10020.
#3	2.097	26.92	219.0	277.8	79750.	10090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31378-a-6-d du@4 Acquired: 9/22/2011 10:47:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23980.	1393.	35440.	111.4	254.4	3.910
Stddev	79.	4.	62.	.9	2.1	2.345
%RSD	.3296	.2661	.1744	.8387	.8194	59.97

#1	24030.	1397.	35480.	111.9	256.6	1.476
#2	24020.	1395.	35370.	111.9	252.5	4.098
#3	23890.	1389.	35460.	110.3	254.1	6.154

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6961	-4.301	101.4	576.5	73.64	10.15
Stddev	1.219	1.180	.5	1.9	.61	.91
%RSD	175.2	27.43	.4682	.3244	.8325	8.926

#1	-1.685	-4.924	101.7	576.9	73.54	10.97
#2	.6665	-5.038	101.6	578.1	73.08	10.30
#3	-1.070	-2.940	100.9	574.4	74.30	9.175

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31378-a-6-d du@4 Acquired: 9/22/2011 10:47:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	41.22	697.2	1245.
Stddev	1.51	.3	3.
%RSD	3.656	.0496	.2526

#1	42.40	697.3	1241.
#2	41.74	696.8	1247.
#3	39.52	697.4	1245.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2525.3	38122.	6221.3
Stddev	2.0	79.	13.3
%RSD	.08092	.20671	.21329

#1	2525.9	38060.	6207.0
#2	2523.0	38094.	6233.2
#3	2526.9	38210.	6223.5

Sample Name: 460-31378-a-6-c@4 Acquired: 9/22/2011 10:51:25 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34660.	33.99	3.436	278.0	1.887	122300.
Stddev	38.	1.93	.695	1.4	.163	150.
%RSD	.1102	5.678	20.22	.5037	8.646	.1224

#1	34690.	31.79	3.873	278.5	1.802	122400.
#2	34610.	34.76	3.801	279.1	1.784	122300.
#3	34670.	35.41	2.635	276.4	2.075	122100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.260	28.23	225.7	282.8	82260.	10120.
Stddev	.095	.37	.3	3.2	128.	16.
%RSD	4.204	1.295	.1499	1.133	.1559	.1598

#1	2.346	28.31	225.8	286.4	82220.	10140.
#2	2.276	28.55	226.0	281.8	82160.	10120.
#3	2.158	27.83	225.3	280.3	82410.	10110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31378-a-6-c@4 Acquired: 9/22/2011 10:51:25 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24640.	1384.	34090.	114.5	263.1	1.997
Stddev	34.	2.	7.	.7	1.6	.881
%RSD	.1385	.1689	.0210	.5961	.6252	44.11

#1	24600.	1381.	34090.	114.6	264.8	1.095
#2	24670.	1385.	34100.	115.0	262.8	2.041
#3	24650.	1386.	34080.	113.7	261.6	2.854

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.050	-3.030	105.2	589.8	74.06	3.953
Stddev	3.028	.810	.9	2.4	.43	.155
%RSD	288.3	26.73	.8327	.4102	.5769	3.914

#1	1.579	-2.905	106.0	590.1	73.95	4.117
#2	3.780	-3.896	104.3	592.1	74.53	3.810
#3	-2.207	-2.290	105.3	587.3	73.70	3.932

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31378-a-6-c@4 Acquired: 9/22/2011 10:51:25 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	41.58	688.7	1246.
Stddev	.11	.2	4.
%RSD	.2540	.0331	.3412

#1	41.70	688.9	1247.
#2	41.50	688.5	1241.
#3	41.54	688.8	1250.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2532.1	38217.	6260.4
Stddev	5.2	121.	35.2
%RSD	.20390	.31539	.56296

#1	2526.8	38083.	6219.8
#2	2532.5	38317.	6282.6
#3	2537.1	38251.	6278.9

Sample Name: sd 460-31378-a-6-c@2 Acquired: 9/22/2011 10:55:06 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6872.	7.386	.3441	55.22	.3782	24750.
Stddev	9.	1.671	.4429	.22	.1319	128.
%RSD	.1320	22.63	128.7	.4039	34.88	.5185

#1	6862.	7.584	-.0718	55.14	.3692	24830.
#2	6878.	5.625	.2945	55.47	.2510	24810.
#3	6877.	8.950	.8097	55.04	.5144	24600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4502	5.867	44.89	59.43	16420.	1979.
Stddev	.0952	.184	.28	2.55	63.	38.
%RSD	21.15	3.144	.6331	4.286	.3852	1.916

#1	.4856	5.805	45.21	58.66	16470.	2023.
#2	.5228	5.721	44.75	57.35	16450.	1955.
#3	.3424	6.074	44.70	62.27	16350.	1959.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31378-a-6-c@2 Acquired: 9/22/2011 10:55:06 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5026.	276.9	6702.	23.11	55.42	.5335
Stddev	11.	.4	62.	.65	.74	1.541
%RSD	.2223	.1333	.9324	2.813	1.332	288.9
#1	5039.	277.3	6691.	22.51	55.60	-.9153
#2	5019.	276.9	6770.	23.01	56.05	2.153
#3	5021.	276.6	6646.	23.80	54.61	.3624

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8656	-1.428	21.34	117.9	14.14	.7568
Stddev	2.622	2.180	.82	.5	.40	.1611
%RSD	302.9	152.7	3.846	.4469	2.819	21.28
#1	-3.217	.8267	20.39	118.3	13.76	.6652
#2	-1.342	-3.525	21.78	118.2	14.56	.6625
#3	1.962	-1.585	21.85	117.3	14.10	.9428

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31378-a-6-c@2 Acquired: 9/22/2011 10:55:06 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.168	136.2	243.4
Stddev	.658	.8	.6
%RSD	9.179	.5583	.2647

#1	7.927	136.6	243.7
#2	6.771	136.6	242.7
#3	6.806	135.3	243.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2555.8	38875.	6133.3
Stddev	7.5	31.	19.1
%RSD	.29504	.07852	.31084

#1	2562.7	38909.	6115.1
#2	2556.9	38849.	6131.7
#3	2547.8	38868.	6153.1

Sample Name: 460-31378-a-6-e ms@4 Acquired: 9/22/2011 10:58:49 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39460.	930.2	25.82	1214.	25.25	135500.
Stddev	113.	6.5	.58	5.	.09	753.
%RSD	.2853	.6976	2.227	.4380	.3498	.5555

#1	39480.	936.4	25.52	1218.	25.33	136200.
#2	39570.	930.8	25.46	1216.	25.27	135600.
#3	39350.	923.5	26.48	1208.	25.16	134700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.43	260.5	315.6	394.7	82320.	19530.
Stddev	.13	1.4	1.9	2.3	290.	112.
%RSD	.5206	.5257	.6030	.5821	.3519	.5719

#1	25.41	261.6	316.2	394.1	82470.	19640.
#2	25.57	261.0	317.0	397.2	82510.	19540.
#3	25.31	259.0	313.4	392.8	81990.	19420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31378-a-6-e ms@4 Acquired: 9/22/2011 10:58:49 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33680.	1645.	45290.	349.4	493.7	154.9
Stddev	94.	5.	369.	1.3	3.0	2.3
%RSD	.2804	.2737	.8155	.3627	.6009	1.462

#1	33720.	1646.	45660.	350.6	495.9	157.1
#2	33750.	1650.	45300.	349.5	494.8	155.0
#3	33570.	1641.	44920.	348.1	490.3	152.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	874.8	936.5	336.6	810.2	299.5	235.0
Stddev	3.1	4.6	1.8	3.4	1.1	1.9
%RSD	.3599	.4881	.5307	.4155	.3698	.8007

#1	878.1	941.6	336.5	812.0	299.7	236.7
#2	874.4	935.0	338.5	812.4	300.5	235.2
#3	871.9	932.8	334.9	806.4	298.3	233.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31378-a-6-e ms@4 Acquired: 9/22/2011 10:58:49 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	268.7	933.8	1520.
Stddev	.9	5.5	11.
%RSD	.3521	.5883	.7188

#1	269.3	938.6	1518.
#2	269.3	934.9	1531.
#3	267.6	927.8	1510.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2510.3	37997.	6240.1
Stddev	3.9	108.	59.3
%RSD	.15690	.28359	.95108

#1	2507.6	37904.	6172.2
#2	2514.8	37973.	6266.1
#3	2508.4	38116.	6282.0

Sample Name: pds 460-31378-a-6-c@ Acquired: 9/22/2011 11:02:24 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36180.	1909.	49.70	2209.	49.59	140000.
Stddev	63.	4.	.89	8.	.14	201.
%RSD	.1741	.1927	1.784	.3557	.2862	.1433

#1	36250.	1913.	49.01	2217.	49.70	139900.
#2	36130.	1908.	49.39	2210.	49.65	139800.
#3	36160.	1906.	50.70	2201.	49.43	140200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.25	510.9	425.6	519.1	82220.	28760.
Stddev	.31	1.5	.8	1.0	445.	44.
%RSD	.6109	.2857	.1862	.1964	.5407	.1512

#1	50.58	512.5	425.3	519.3	81710.	28730.
#2	50.20	510.3	426.5	520.1	82540.	28750.
#3	49.97	509.8	425.0	518.0	82420.	28810.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31378-a-6-c@ Acquired: 9/22/2011 11:02:24 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43140.	1866.	52650.	604.0	743.5	467.2
Stddev	58.	4.	193.	2.3	1.6	6.5
%RSD	.1347	.1917	.3661	.3878	.2180	1.395

#1	43090.	1862.	52580.	606.6	745.3	473.9
#2	43200.	1870.	52500.	602.0	743.1	466.8
#3	43130.	1867.	52870.	603.5	742.1	460.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1824.	1955.	584.5	1190.	592.0	487.6
Stddev	2.	3.	3.9	3.	1.6	2.7
%RSD	.1299	.1677	.6645	.2256	.2734	.5492

#1	1824.	1956.	580.1	1193.	593.8	490.1
#2	1821.	1958.	587.5	1189.	591.2	487.8
#3	1826.	1951.	585.8	1188.	590.8	484.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31378-a-6-c@ Acquired: 9/22/2011 11:02:24 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	519.7	1148.	1718.
Stddev	1.1	1.	7.
%RSD	.2161	.1135	.3993

#1	520.4	1149.	1724.
#2	520.2	1147.	1720.
#3	518.4	1149.	1711.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2507.0	37859.	6258.1
Stddev	4.3	109.	15.4
%RSD	.17189	.28725	.24653

#1	2503.3	37930.	6258.1
#2	2511.7	37913.	6273.5
#3	2505.9	37734.	6242.6

Sample Name: 460-30838-r-2-c@4 Acquired: 9/22/2011 11:05:53 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20150.	16.26	-1.228	321.5	3.246	6810.
Stddev	47.	.12	1.015	1.6	.125	21.
%RSD	.2355	.7245	82.68	.5127	3.862	.3132

#1	20120.	16.29	-1.816	322.1	3.289	6826.
#2	20200.	16.35	-.0556	322.7	3.345	6818.
#3	20120.	16.12	-1.812	319.6	3.105	6786.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2659	51.99	73.21	71.16	88630.	2927.
Stddev	.0857	.54	.56	1.53	571.	47.
%RSD	32.22	1.047	.7623	2.152	.6445	1.619

#1	-.1712	52.53	73.43	72.74	88210.	2972.
#2	-.3379	52.00	72.57	69.69	89280.	2877.
#3	-.2887	51.44	73.62	71.04	88400.	2932.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-r-2-c@4 Acquired: 9/22/2011 11:05:53 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9369.	1790.	792.5	80.32	50.54	2.263
Stddev	9.	6.	6.1	.51	1.31	1.372
%RSD	.0985	.3396	.7648	.6287	2.583	60.61

#1	9358.	1784.	797.2	80.89	49.13	1.649
#2	9375.	1796.	794.6	79.94	50.80	1.306
#3	9373.	1788.	785.7	80.12	51.70	3.835

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.175	-3.041	99.59	206.6	16.08	15.60
Stddev	2.196	.553	.46	.8	.21	.47
%RSD	187.0	18.20	.4663	.3695	1.287	2.989

#1	.5618	-3.680	99.54	206.1	16.01	15.86
#2	-.4421	-2.733	100.1	207.5	15.91	15.88
#3	-3.644	-2.711	99.16	206.4	16.31	15.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-r-2-c@4 Acquired: 9/22/2011 11:05:53 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.732	40.51	552.1
Stddev	.584	.09	1.4
%RSD	15.65	.2280	.2520

#1	4.242	40.55	551.0
#2	3.858	40.57	553.7
#3	3.095	40.40	551.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2684.2	40992.	6464.5
Stddev	7.0	149.	24.1
%RSD	.26235	.36409	.37244

#1	2687.4	41119.	6447.7
#2	2676.2	40828.	6453.8
#3	2689.2	41029.	6492.1

Sample Name: 460-31368-a-6-c@4 Acquired: 9/22/2011 11:09:34 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32760.	42.08	7.588	426.5	1.953	87070.
Stddev	89.	2.26	.527	2.4	.095	198.
%RSD	.2719	5.367	6.948	.5565	4.885	.2269

#1	32720.	43.71	7.224	428.3	1.994	87180.
#2	32860.	39.50	7.348	427.4	1.844	87200.
#3	32710.	43.04	8.193	423.9	2.021	86850.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.076	28.34	406.2	500.1	80640.	7839.
Stddev	.080	.23	2.2	2.1	303.	14.
%RSD	.8849	.8275	.5345	.4183	.3759	.1790

#1	9.169	28.61	408.5	502.5	80980.	7840.
#2	9.038	28.20	406.0	499.0	80400.	7852.
#3	9.022	28.21	404.1	498.8	80540.	7824.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31368-a-6-c@4 Acquired: 9/22/2011 11:09:34 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21860.	1301.	17020.	101.2	445.2	6.812
Stddev	44.	2.	51.	.6	3.2	.720
%RSD	.1997	.1822	.3012	.6160	.7194	10.57

#1	21910.	1303.	17060.	102.0	448.6	7.216
#2	21850.	1300.	17030.	100.8	444.8	7.240
#3	21820.	1299.	16960.	100.9	442.2	5.981

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.7653	-2.422	104.0	823.3	57.12	4.906
Stddev	3.939	1.118	.6	3.6	.94	.200
%RSD	514.8	46.15	.6098	.4368	1.643	4.076

#1	-1.934	-1.210	104.4	825.6	58.06	4.677
#2	3.626	-3.413	104.3	825.1	57.11	5.047
#3	-3.988	-2.644	103.2	819.1	56.19	4.993

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31368-a-6-c@4 Acquired: 9/22/2011 11:09:34 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	65.09	461.2	1137.
Stddev	.57	1.1	2.
%RSD	.8802	.2314	.1665

#1	65.25	462.2	1137.
#2	65.57	461.2	1140.
#3	64.46	460.1	1136.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2556.2	38868.	6262.3
Stddev	3.6	143.	17.5
%RSD	.14252	.36815	.27914

#1	2557.0	38719.	6243.9
#2	2559.4	39005.	6264.4
#3	2552.3	38881.	6278.7

Sample Name: CCV Acquired: 9/22/2011 11:13:16 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123400.	2483.	1234.	10100.	978.5	126100.
Stddev	267.	5.	8.	10.	2.0	115.
%RSD	.2162	.2138	.6097	.0981	.2058	.0913

#1	123300.	2477.	1231.	10090.	977.3	126300.
#2	123200.	2487.	1229.	10090.	977.5	126000.
#3	123700.	2485.	1243.	10110.	980.9	126100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1264.	2505.	5035.	12350.	100600.	49580.
Stddev	1.	2.	4.	31.	596.	95.
%RSD	.0619	.0884	.0699	.2490	.5920	.1906

#1	1263.	2503.	5031.	12340.	100200.	49580.
#2	1263.	2507.	5035.	12320.	100300.	49480.
#3	1265.	2506.	5038.	12380.	101300.	49670.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 11:13:16 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	5066.	123000.	2538.	7558.	1010.
Stddev	358.	43.	310.	2.	5.	5.
%RSD	.2871	.8452	.2520	.0801	.0684	.4649

#1	124400.	5028.	123200.	2536.	7556.	1012.
#2	124500.	5059.	122600.	2537.	7554.	1014.
#3	125000.	5113.	123100.	2540.	7564.	1005.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2438.	2575.	2491.	2509.	997.0	2527.
Stddev	3.	3.	15.	4.	2.4	3.
%RSD	.1431	.1217	.6064	.1420	.2420	.1109

#1	2442.	2578.	2484.	2508.	994.9	2530.
#2	2436.	2572.	2481.	2505.	996.6	2527.
#3	2436.	2574.	2509.	2512.	999.6	2524.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 11:13:16 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1010.	4963.	9835.
Stddev	4.	12.	24.
%RSD	.4027	.2334	.2487

#1	1010.	4960.	9825.
#2	1006.	4953.	9817.
#3	1014.	4975.	9863.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2345.9	35452.	5914.4
Stddev	7.5	279.	10.0
%RSD	.32049	.78779	.16953

#1	2352.9	35754.	5915.0
#2	2346.7	35398.	5924.1
#3	2338.0	35203.	5904.1

Sample Name: CCB Acquired: 9/22/2011 11:16:50 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.290	.1539	.4051	.1552	.1499	-5.864
Stddev	13.23	1.132	.1478	.0356	.0641	23.70
%RSD	402.2	735.4	36.47	22.96	42.77	404.1
#1	-5.773	-.6520	.3382	.1621	.2230	6.044
#2	11.01	-.3344	.3027	.1868	.1033	9.515
#3	-15.10	1.448	.5745	.1166	.1233	-33.15

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0572	.0483	-.1474	4.557	3.604	-37.88
Stddev	.0286	.1687	.3206	2.992	2.446	35.89
%RSD	49.93	348.9	217.5	65.66	67.87	94.72
#1	.0309	-.1463	-.1259	4.711	2.070	-35.87
#2	.0531	.1524	.1619	1.491	6.425	-3.046
#3	.0876	.1389	-.4782	7.469	2.318	-74.73

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 11:16:50 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.191	.1363	23.38	-.2583	.4632	5.059
Stddev	1.569	.0305	5.77	.3624	1.559	1.303
%RSD	71.59	22.36	24.67	140.3	336.6	25.75

#1	3.360	.1712	16.99	.1442	1.854	6.248
#2	2.807	.1147	24.97	-.3605	.7582	3.667
#3	.4081	.1231	28.19	-.5586	-1.223	5.262

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1204	-1.274	.2369	.0541	.7700	4.462
Stddev	1.174	1.403	.4328	.1161	.7158	.471
%RSD	974.6	110.1	182.7	214.8	92.96	10.55

#1	.1574	-1.469	.6016	.0699	1.478	4.373
#2	1.275	.2154	.3506	.1615	.0463	4.971
#3	-1.071	-2.569	-.2414	-.0691	.7862	4.041

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 11:16:50 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.7817	.0652	2.466
Stddev	.8751	.0870	1.223
%RSD	111.9	133.5	49.62

#1	-1.164	.0833	3.473
#2	-1.401	.1418	2.820
#3	.2194	-.0295	1.104

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2534.7	39016.	5999.7
Stddev	3.0	112.	14.7
%RSD	.11779	.28801	.24481

#1	2533.6	38917.	6007.5
#2	2532.4	38993.	6008.9
#3	2538.0	39138.	5982.7

Sample Name: mb 460-86857/1-a@2 Acquired: 9/22/2011 11:20:44 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.528	.1832	-.1064	-.1174	-.0108	17.73
Stddev	13.65	1.520	1.011	.1187	.0418	25.51
%RSD	301.3	829.7	950.4	101.1	385.4	143.9

#1	8.213	-.2996	.9431	-.2169	.0372	34.07
#2	-18.93	1.886	-.1883	-.1491	-.0385	-11.67
#3	-2.872	-1.037	-1.074	.0139	-.0312	30.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0038	-.0805	.5349	.7149	20.06	118.6
Stddev	.0321	.1270	.1413	1.135	4.86	25.7
%RSD	853.2	157.8	26.42	158.8	24.23	21.69

#1	.0193	-.1507	.3750	1.802	25.45	148.1
#2	.0098	.0662	.5866	.8064	18.69	106.8
#3	-.0404	-.1569	.6431	-.4632	16.03	100.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86857/1-a@2 Acquired: 9/22/2011 11:20:44 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0371	.0996	33.59	-.1919	-1.136	2.499
Stddev	1.850	.0682	3.56	.2823	.323	.451
%RSD	4982.	68.51	10.61	147.1	28.41	18.06

#1	.9249	.0505	36.79	-.5075	-1.481	2.703
#2	1.275	.0707	34.22	-.1052	-.8410	2.812
#3	-2.089	.1775	29.75	.0369	-1.086	1.981

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5097	-.4091	.2938	3.800	1.623	.7363
Stddev	3.503	1.043	.1896	.029	.172	.2359
%RSD	687.3	254.9	64.54	.7549	10.63	32.04

#1	-.3968	-1.609	.5091	3.825	1.448	.8221
#2	2.936	.2743	.2211	3.768	1.627	.4694
#3	-4.068	.1076	.1513	3.806	1.793	.9173

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86857/1-a@2 Acquired: 9/22/2011 11:20:44 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4574	-.0549	-.5706
Stddev	.5466	.0946	2.459
%RSD	119.5	172.2	431.0

#1	1.054	.0473	-2.828
#2	-.0187	-.1392	-.9343
#3	.3365	-.0729	2.050

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2531.6	39520.	5962.7
Stddev	11.7	224.	112.7
%RSD	.46206	.56732	1.8906

#1	2520.0	39261.	5832.6
#2	2531.3	39647.	6030.0
#3	2543.4	39652.	6025.6

Sample Name: lcssrm 460-86857/2-a Acquired: 9/22/2011 11:24:36 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41490.	493.2	141.1	963.4	372.8	49270.
Stddev	63.	2.3	.2	4.5	.8	180.
%RSD	.1523	.4685	.1443	.4682	.2023	.3656

#1	41440.	490.9	141.3	962.9	372.2	49120.
#2	41560.	495.5	141.2	968.1	373.6	49470.
#3	41490.	493.2	140.9	959.2	372.5	49210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	293.1	468.0	1139.	836.4	89130.	19880.
Stddev	1.0	1.8	.	2.1	163.	89.
%RSD	.3497	.3952	.0438	.2537	.1832	.4482

#1	293.0	469.0	1139.	838.2	88940.	19780.
#2	294.1	469.1	1138.	837.0	89210.	19940.
#3	292.1	465.9	1139.	834.1	89240.	19920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-86857/2-a Acquired: 9/22/2011 11:24:36 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18040.	2799.	4691.	685.0	421.2	507.9
Stddev	8.	1.	16.	2.7	.4	2.3
%RSD	.0457	.0250	.3455	.3945	.0908	.4624

#1	18050.	2800.	4673.	686.1	421.3	508.8
#2	18040.	2799.	4696.	687.0	421.6	509.6
#3	18030.	2799.	4705.	681.9	420.8	505.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1321.	650.6	559.9	2889.	671.7	255.1
Stddev	1.	1.2	1.4	12.	1.5	.9
%RSD	.0822	.1828	.2569	.4086	.2271	.3714

#1	1319.	651.0	558.8	2890.	671.1	255.9
#2	1322.	651.4	561.6	2900.	673.4	255.4
#3	1321.	649.2	559.4	2876.	670.6	254.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-86857/2-a Acquired: 9/22/2011 11:24:36 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	527.1	1079.	2216.
Stddev	3.7	3.	4.
%RSD	.6989	.3039	.1787

#1	526.4	1075.	2217.
#2	531.0	1082.	2220.
#3	523.7	1079.	2212.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2606.5	39547.	6343.1
Stddev	1.5	70.	26.5
%RSD	.05673	.17754	.41714

#1	2605.1	39606.	6315.7
#2	2608.0	39565.	6345.3
#3	2606.3	39469.	6368.5

Sample Name: 460-31403-a-1-a@4 Acquired: 9/22/2011 11:28:07 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21900.	18.09	-1.076	30.67	1.064	233.1
Stddev	82.	.77	.496	.28	.148	7.9
%RSD	.3729	4.273	46.08	.9089	13.87	3.394

#1	21820.	17.94	-1.306	30.86	1.235	225.1
#2	21980.	17.40	-.5072	30.80	.9767	240.9
#3	21910.	18.93	-1.416	30.35	.9813	233.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2242	2.606	293.0	10.99	37330.	1789.
Stddev	.1320	.147	.2	1.68	204.	20.
%RSD	58.87	5.651	.0569	15.33	.5474	1.100

#1	-.2946	2.585	292.9	11.72	37570.	1803.
#2	-.0719	2.471	293.1	12.19	37200.	1766.
#3	-.3061	2.763	292.8	9.065	37230.	1798.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-1-a@4 Acquired: 9/22/2011 11:28:07 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1283.	22.76	4.238	8.604	15.10	4.612
Stddev	6.	.14	11.44	.185	.87	1.322
%RSD	.4761	.6105	270.0	2.145	5.760	28.67

#1	1290.	22.92	-6.499	8.467	15.41	3.631
#2	1281.	22.71	16.27	8.814	15.77	4.090
#3	1279.	22.65	2.940	8.531	14.12	6.116

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6891	-1.929	142.1	49.71	10.88	2.533
Stddev	4.899	.878	.7	.36	.15	.045
%RSD	710.9	45.50	.4781	.7226	1.387	1.787

#1	1.076	-2.480	142.9	50.06	11.01	2.481
#2	5.383	-.9168	141.8	49.71	10.71	2.562
#3	-4.392	-2.391	141.6	49.34	10.92	2.557

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-1-a@4 Acquired: 9/22/2011 11:28:07 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.926	2.591	436.0
Stddev	.705	.126	.8
%RSD	36.62	4.851	.1882

#1	1.461	2.713	435.1
#2	2.737	2.598	436.7
#3	1.579	2.462	436.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2572.7	39310.	6113.0
Stddev	2.4	56.	27.9
%RSD	.09445	.14297	.45614

#1	2569.9	39261.	6124.0
#2	2574.4	39371.	6133.8
#3	2573.7	39299.	6081.3

Sample Name: 460-31403-a-2-a@4 Acquired: 9/22/2011 11:31:51 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18140.	56.72	-1.044	85.25	2.525	1329.
Stddev	35.	3.11	.479	.47	.090	5.
%RSD	.1946	5.486	45.93	.5521	3.584	.3948

#1	18110.	55.06	-1.383	85.29	2.590	1335.
#2	18140.	60.31	-1.253	85.70	2.563	1324.
#3	18180.	54.79	-.4954	84.76	2.422	1328.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0254	5.754	234.6	49.32	72390.	3921.
Stddev	.1598	.258	1.2	1.06	52.	56.
%RSD	629.7	4.487	.5143	2.145	.0714	1.440

#1	-.1298	6.042	234.0	49.99	72430.	3870.
#2	.1894	5.675	236.0	48.10	72330.	3982.
#3	.0165	5.544	233.8	49.87	72410.	3911.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-2-a@4 Acquired: 9/22/2011 11:31:51 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2084.	110.4	.5776	19.24	81.13	2.003
Stddev	1.	.3	12.54	.19	1.13	.417
%RSD	.0449	.2741	2171.	.9740	1.397	20.81

#1	2083.	110.7	-13.90	19.39	80.82	2.011
#2	2085.	110.1	8.072	19.03	80.18	1.582
#3	2083.	110.4	7.560	19.31	82.39	2.416

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.048	-1.235	217.4	190.3	18.39	1.867
Stddev	2.167	.964	.6	.5	.50	.239
%RSD	206.8	78.02	.2622	.2449	2.715	12.79

#1	2.699	-2.232	217.1	190.1	18.04	1.679
#2	-1.407	-.3089	217.0	190.9	18.16	1.786
#3	1.851	-1.164	218.0	190.0	18.96	2.135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-2-a@4 Acquired: 9/22/2011 11:31:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.726	13.65	325.9
Stddev	.342	.16	3.1
%RSD	4.422	1.206	.9466

#1	7.334	13.48	322.8
#2	7.961	13.81	328.9
#3	7.884	13.67	326.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2623.2	40292.	6274.5
Stddev	6.1	141.	3.3
%RSD	.23316	.34918	.05240

#1	2630.3	40289.	6273.1
#2	2619.8	40434.	6272.3
#3	2619.5	40152.	6278.3

Sample Name: 460-31403-a-3-a@4 Acquired: 9/22/2011 11:35:32 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2597.	3.569	-.2627	4.652	.2145	77.55
Stddev	22.	.546	.1975	.053	.0256	9.01
%RSD	.8437	15.29	75.21	1.151	11.93	11.61

#1	2572.	3.277	-.3282	4.622	.2235	85.21
#2	2614.	3.232	-.0407	4.714	.1856	67.63
#3	2605.	4.199	-.4191	4.620	.2343	79.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0135	.2930	56.53	6.035	7044.	454.2
Stddev	.0260	.3146	.10	3.996	23.	38.1
%RSD	193.1	107.3	.1775	66.21	.3277	8.399

#1	-.0141	.3689	56.44	5.437	7060.	472.9
#2	.0128	.5627	56.51	10.30	7017.	479.4
#3	-.0392	-.0525	56.63	2.371	7054.	410.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-3-a@4 Acquired: 9/22/2011 11:35:32 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	182.3	2.976	28.91	1.541	4.490	2.568
Stddev	3.4	.060	23.90	.380	.926	.816
%RSD	1.884	2.013	82.69	24.64	20.63	31.76

#1	180.6	3.006	55.65	1.788	5.513	1.707
#2	186.3	2.907	21.45	1.731	4.246	2.668
#3	180.1	3.015	9.626	1.104	3.710	3.329

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0912	-1.874	31.37	87.35	2.947	.0815
Stddev	1.232	.489	.38	.40	.486	.1650
%RSD	1351.	26.11	1.213	.4601	16.51	202.4

#1	.4931	-1.515	31.11	87.81	3.382	.1720
#2	1.072	-2.431	31.20	87.14	2.422	.1814
#3	-1.291	-1.675	31.81	87.09	3.038	-.1089

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-3-a@4 Acquired: 9/22/2011 11:35:32 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3357	.9365	136.6
Stddev	.5840	.0110	1.2
%RSD	174.0	1.173	.8811

#1	.4745	.9483	137.2
#2	.8378	.9267	135.2
#3	-.3052	.9343	137.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2557.6	39373.	6037.5
Stddev	2.3	120.	42.4
%RSD	.09079	.30362	.70218

#1	2555.1	39365.	6040.1
#2	2558.2	39496.	6078.6
#3	2559.6	39257.	5993.9

Sample Name: 460-31403-a-4-a@4 Acquired: 9/22/2011 11:39:19 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23290.	32.62	-.5986	56.96	1.015	975.6
Stddev	51.	2.46	.1274	.42	.151	17.6
%RSD	.2184	7.553	21.28	.7297	14.86	1.809

#1	23240.	33.13	-.7403	57.18	.9702	980.6
#2	23340.	34.79	-.5619	57.22	.8916	956.0
#3	23290.	29.94	-.4937	56.48	1.183	990.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6472	4.059	139.8	53.41	60090.	3059.
Stddev	.1410	.332	1.1	.33	313.	29.
%RSD	21.79	8.170	.7793	.6163	.5214	.9485

#1	.7754	4.145	140.5	53.14	59800.	3059.
#2	.4962	3.693	140.4	53.78	60420.	3088.
#3	.6700	4.339	138.6	53.33	60040.	3030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-4-a@4 Acquired: 9/22/2011 11:39:19 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2420.	68.09	13.31	11.26	62.86	2.220
Stddev	3.	.19	8.52	.22	1.08	.941
%RSD	.1361	.2830	64.03	1.965	1.721	42.38

#1	2418.	67.86	21.70	11.39	63.61	1.134
#2	2423.	68.20	13.56	11.00	63.36	2.741
#3	2418.	68.20	4.664	11.38	61.62	2.784

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8339	-2.563	126.7	208.1	17.49	1.235
Stddev	2.118	.604	.3	.6	.27	.428
%RSD	254.0	23.56	.2737	.2756	1.515	34.63

#1	-1.612	-2.309	126.4	208.1	17.24	1.003
#2	2.045	-2.128	127.1	208.7	17.77	.9737
#3	2.068	-3.253	126.6	207.6	17.45	1.729

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-4-a@4 Acquired: 9/22/2011 11:39:19 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	12.44	7.408	404.0
Stddev	.36	.180	1.5
%RSD	2.891	2.427	.3717

#1	12.79	7.233	405.0
#2	12.44	7.592	402.3
#3	12.07	7.397	404.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2568.2	39125.	6100.3
Stddev	3.2	147.	35.4
%RSD	.12507	.37679	.58097

#1	2567.4	39296.	6141.0
#2	2565.5	39036.	6076.8
#3	2571.7	39044.	6083.0

Sample Name: 460-31403-a-5-a@4 Acquired: 9/22/2011 11:43:02 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14590.	53.67	-1.545	78.21	3.074	756.4
Stddev	50.	1.20	.617	.35	.141	10.9
%RSD	.3433	2.228	39.91	.4491	4.590	1.441

#1	14610.	52.68	-1.430	78.42	3.236	767.3
#2	14620.	55.00	-2.211	78.40	2.977	745.5
#3	14530.	53.34	-.9940	77.80	3.010	756.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.1779	5.469	355.1	16.87	69510.	5774.
Stddev	.0698	.205	1.0	2.00	249.	5.
%RSD	39.26	3.749	.2863	11.88	.3586	.0840

#1	-.1182	5.657	355.4	18.61	69340.	5771.
#2	-.2547	5.500	356.0	14.68	69800.	5779.
#3	-.1607	5.250	354.0	17.34	69400.	5771.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-5-a@4 Acquired: 9/22/2011 11:43:02 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1928.	63.60	16.72	16.10	56.52	1.576
Stddev	7.	.20	10.15	.35	.06	.448
%RSD	.3388	.3163	60.72	2.198	.1123	28.42

#1	1924.	63.66	20.45	16.29	56.58	1.105
#2	1936.	63.76	5.231	16.32	56.53	1.626
#3	1925.	63.37	24.48	15.69	56.45	1.997

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.695	-3353	295.5	200.7	23.89	1.217
Stddev	5.295	2.329	.9	.6	.39	.110
%RSD	312.4	694.5	.2953	.2833	1.613	8.995

#1	-.6383	.2907	294.8	201.3	24.20	1.274
#2	-2.033	-2.913	296.5	200.7	23.46	1.091
#3	7.756	1.617	295.3	200.2	24.00	1.286

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-5-a@4 Acquired: 9/22/2011 11:43:02 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.072	17.25	330.5
Stddev	.799	.02	2.5
%RSD	26.03	.1029	.7442

#1	2.234	17.25	333.3
#2	3.826	17.27	329.2
#3	3.156	17.23	329.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2683.3	41060.	6402.9
Stddev	2.3	105.	11.3
%RSD	.08632	.25532	.17599

#1	2680.7	41098.	6390.2
#2	2684.1	40941.	6411.7
#3	2685.2	41140.	6406.7

Sample Name: 460-31403-a-6-a@4 Acquired: 9/22/2011 11:46:45 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7243.	16.88	-.0182	16.29	.3634	244.3
Stddev	11.	1.36	.6313	.17	.1267	6.8
%RSD	.1516	8.081	3463.	1.040	34.86	2.767

#1	7241.	18.39	-.2206	16.45	.4820	243.6
#2	7256.	16.49	-.5235	16.31	.2299	251.4
#3	7234.	15.74	.6894	16.12	.3784	237.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1276	1.118	75.11	7.122	21330.	1667.
Stddev	.0963	.143	.24	1.360	108.	23.
%RSD	75.49	12.82	.3165	19.10	.5076	1.406

#1	-.2384	.9933	74.84	5.578	21450.	1663.
#2	-.0810	1.086	75.17	8.146	21240.	1692.
#3	-.0635	1.275	75.31	7.642	21310.	1646.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-6-a@4 Acquired: 9/22/2011 11:46:45 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	816.7	18.89	27.29	3.293	18.00	2.765
Stddev	4.0	.12	6.17	.080	.29	1.319
%RSD	.4892	.6225	22.62	2.442	1.603	47.69

#1	820.5	18.83	27.24	3.304	18.07	2.657
#2	812.5	18.81	33.49	3.368	17.68	1.504
#3	817.1	19.02	21.14	3.208	18.25	4.135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.085	-3.718	59.24	26.58	11.83	.4745
Stddev	.917	.724	.52	.08	.94	.2419
%RSD	84.53	19.47	.8716	.2835	7.952	50.97

#1	-.1232	-2.948	58.94	26.55	12.90	.2773
#2	-1.949	-3.823	58.95	26.52	11.44	.4018
#3	-1.182	-4.384	59.84	26.66	11.15	.7443

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-6-a@4 Acquired: 9/22/2011 11:46:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.288	2.972	241.5
Stddev	.108	.006	2.4
%RSD	4.738	.2108	1.006

#1	2.248	2.967	244.2
#2	2.206	2.971	240.4
#3	2.411	2.979	239.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2559.9	39159.	6055.6
Stddev	2.6	205.	25.9
%RSD	.10068	.52403	.42837

#1	2558.5	38922.	6029.9
#2	2558.3	39291.	6055.0
#3	2562.9	39262.	6081.8

Sample Name: 460-31403-a-7-a@4 Acquired: 9/22/2011 11:50:32 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5218.	20.39	-.2499	11.93	.7198	389.2
Stddev	26.	1.42	.3321	.20	.0234	5.5
%RSD	.4931	6.983	132.9	1.647	3.245	1.406

#1	5188.	21.57	.1209	12.15	.7180	387.7
#2	5232.	18.81	-.3504	11.77	.7440	395.3
#3	5234.	20.80	-.5202	11.87	.6974	384.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0227	1.209	78.05	11.27	30430.	1383.
Stddev	.0836	.181	.47	2.61	135.	32.
%RSD	368.8	14.96	.6022	23.18	.4422	2.295

#1	.0004	1.036	78.15	10.21	30510.	1418.
#2	-.1153	1.397	78.46	14.25	30500.	1377.
#3	.0470	1.193	77.53	9.356	30270.	1355.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-7-a@4 Acquired: 9/22/2011 11:50:32 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	579.3	28.01	39.95	2.760	14.37	1.408
Stddev	3.3	.06	12.78	.185	.47	.550
%RSD	.5732	.2299	31.98	6.711	3.269	39.08

#1	582.5	27.96	54.54	2.960	14.27	2.004
#2	579.7	28.08	34.55	2.594	13.95	.9202
#3	575.9	27.99	30.76	2.727	14.88	1.299

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1592	-.0143	81.80	37.44	7.186	.7062
Stddev	.9552	1.482	.55	.18	.850	.2228
%RSD	599.8	10350.	.6675	.4773	11.83	31.55

#1	-.8740	1.687	81.67	37.64	7.103	.8502
#2	.9256	-.7049	82.40	37.34	6.381	.8188
#3	-.5293	-1.025	81.33	37.33	8.075	.4496

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31403-a-7-a@4 Acquired: 9/22/2011 11:50:32 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8294	2.432	119.3
Stddev	.6787	.035	2.6
%RSD	81.82	1.434	2.190

#1	.0531	2.441	117.9
#2	1.310	2.462	117.8
#3	1.125	2.394	122.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2558.3	39086.	6058.5
Stddev	4.2	68.	11.5
%RSD	.16503	.17295	.19040

#1	2559.2	39009.	6057.7
#2	2561.9	39109.	6070.3
#3	2553.7	39138.	6047.3

Sample Name: 460-31162-e-1-a@10 Acquired: 9/22/2011 11:54:19 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11500.	8.610	-.8740	87.34	.3015	121400.
Stddev	30.	3.280	1.437	.45	.0381	114.
%RSD	.2638	38.10	164.4	.5182	12.63	.0939

#1	11520.	10.80	.6801	87.39	.3454	121200.
#2	11520.	10.19	-1.148	87.76	.2812	121400.
#3	11470.	4.839	-2.155	86.86	.2778	121400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1778	3.188	20.99	26.62	11380.	766.3
Stddev	.1416	.161	.40	3.15	9.	23.2
%RSD	79.65	5.033	1.895	11.84	.0831	3.033

#1	.3411	3.334	20.71	30.19	11370.	751.7
#2	.1035	3.215	21.45	24.25	11390.	793.1
#3	.0888	3.016	20.82	25.41	11370.	754.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31162-e-1-a@10 Acquired: 9/22/2011 11:54:19 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11940.	195.2	139.7	9.976	56.95	1.309
Stddev	23.	.4	5.7	.650	.39	1.119
%RSD	.1955	.2287	4.048	6.513	.6804	85.48

#1	11940.	195.2	146.2	10.68	56.97	1.375
#2	11960.	195.6	136.2	9.861	57.33	.1585
#3	11910.	194.7	136.7	9.391	56.55	2.393

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.132	-2.592	19.27	82.88	5.235	.2574
Stddev	1.733	.764	.34	.67	.425	.2871
%RSD	153.1	29.47	1.740	.8070	8.117	111.5

#1	2.554	-2.595	19.04	83.53	5.111	.2936
#2	1.640	-1.827	19.66	82.92	5.709	-.0461
#3	-.7984	-3.354	19.12	82.20	4.887	.5247

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31162-e-1-a@10 Acquired: 9/22/2011 11:54:19 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.092	463.1	356.4
Stddev	.884	.4	3.2
%RSD	42.24	.0849	.9023

#1	2.641	463.4	355.9
#2	2.563	463.3	353.5
#3	1.073	462.6	359.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2493.6	37663.	6038.0
Stddev	2.3	77.	15.9
%RSD	.09228	.20521	.26353

#1	2496.3	37726.	6021.7
#2	2492.1	37577.	6053.4
#3	2492.6	37688.	6038.8

Sample Name: CCV Acquired: 9/22/2011 11:58:07 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122900.	2470.	1229.	10060.	975.0	125800.
Stddev	261.	2.	2.	7.	.6	104.
%RSD	.2123	.0731	.1403	.0723	.0598	.0826

#1	123200.	2469.	1231.	10070.	975.5	125800.
#2	122900.	2468.	1227.	10050.	974.4	125700.
#3	122700.	2471.	1229.	10070.	975.2	125800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1259.	2496.	5027.	12290.	99960.	49420.
Stddev	1.	2.	3.	7.	116.	28.
%RSD	.0927	.0719	.0572	.0549	.1160	.0571

#1	1260.	2497.	5024.	12290.	99940.	49420.
#2	1258.	2494.	5028.	12300.	99850.	49390.
#3	1259.	2498.	5030.	12290.	100100.	49450.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 11:58:07 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124400.	5046.	122600.	2533.	7538.	1004.
Stddev	156.	18.	243.	1.	7.	3.
%RSD	.1250	.3551	.1983	.0324	.0868	.2608

#1	124400.	5026.	122500.	2534.	7544.	1003.
#2	124200.	5051.	122300.	2532.	7531.	1007.
#3	124500.	5061.	122800.	2532.	7539.	1003.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2431.	2574.	2476.	2501.	991.9	2520.
Stddev	5.	3.	4.	3.	1.2	3.
%RSD	.1962	.1282	.1598	.1220	.1206	.1078

#1	2428.	2575.	2478.	2504.	993.0	2522.
#2	2430.	2570.	2472.	2498.	992.1	2521.
#3	2437.	2576.	2479.	2502.	990.6	2517.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 11:58:07 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1008.	4943.	9808.
Stddev	1.	11.	20.
%RSD	.1406	.2268	.2071

#1	1009.	4938.	9830.
#2	1006.	4936.	9804.
#3	1009.	4956.	9790.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2347.7	35462.	5890.3
Stddev	5.0	39.	23.8
%RSD	.21381	.10963	.40326

#1	2349.9	35500.	5917.1
#2	2351.2	35463.	5872.0
#3	2341.9	35423.	5881.8

Sample Name: CCB Acquired: 9/22/2011 12:01:38 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.798	1.977	-.4043	.1062	.0076	-15.94
Stddev	4.279	1.104	.5868	.1462	.0920	11.77
%RSD	152.9	55.84	145.1	137.7	1208.	73.83

#1	.5880	1.349	-.0793	.0833	.0812	-7.424
#2	-1.376	3.252	-1.082	.2625	.0372	-29.37
#3	-7.607	1.330	-.0520	-.0272	-.0955	-11.03

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0666	.0889	.3585	-.1072	4.727	106.2
Stddev	.0327	.2565	.0999	2.546	8.011	17.2
%RSD	49.03	288.4	27.88	2374.	169.5	16.17

#1	.1038	.3303	.4490	.2622	1.866	118.4
#2	.0427	-.1804	.3752	-2.818	-1.460	113.5
#3	.0533	.1168	.2512	2.234	13.78	86.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 12:01:38 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8790	.0304	4.089	-.4113	-.0173	4.565
Stddev	4.125	.0844	12.99	.5060	.6776	1.503
%RSD	469.3	277.1	317.6	123.0	3917.	32.92
#1	5.578	.1121	13.06	.1656	-.7961	4.895
#2	-2.146	.0356	10.01	-.7798	.3078	5.875
#3	-.7954	-.0564	-10.80	-.6196	.4365	2.924

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5878	-1.862	.4521	-.0754	1.124	4.624
Stddev	2.407	.490	.3690	.0567	.297	.406
%RSD	409.5	26.32	81.62	75.22	26.43	8.770
#1	3.253	-1.912	.5921	-.0866	1.295	5.021
#2	-1.428	-1.348	.0336	-.1257	.7806	4.641
#3	-.0617	-2.324	.7307	-.0139	1.294	4.210

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 12:01:38 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0466	-.0366	3.731
Stddev	.6823	.2009	.960
%RSD	1463.	549.4	25.74

#1	-.6930	.1946	2.676
#2	.6666	-.1357	3.963
#3	-.1135	-.1686	4.554

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2538.5	38837.	5962.2
Stddev	3.9	71.	26.2
%RSD	.15184	.18359	.43925

#1	2537.5	38816.	5947.2
#2	2535.3	38916.	5946.9
#3	2542.8	38778.	5992.4

Sample Name: mb 460-86759/1-a@2 Acquired: 9/22/2011 12:05:32 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.027	.3855	-.3845	-.0779	.0898	-11.90
Stddev	2.600	1.958	.3740	.0387	.0712	17.58
%RSD	32.39	507.9	97.25	49.70	79.28	147.7

#1	-7.346	-1.813	-.3196	-.1218	.1720	-23.33
#2	-10.90	1.942	-.7867	-.0485	.0511	-20.72
#3	-5.835	1.027	-.0473	-.0635	.0464	8.345

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0016	-.0038	-.1717	.1101	10.27	129.3
Stddev	.0859	.1754	.2206	2.332	10.44	42.2
%RSD	5308.	4564.	128.5	2118.	101.6	32.61

#1	.0997	-.0646	-.0546	-.5657	22.30	173.1
#2	-.0604	.1938	-.4261	-1.809	4.852	88.92
#3	-.0345	-.1408	-.0342	2.705	3.656	126.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86759/1-a@2 Acquired: 9/22/2011 12:05:32 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.397	.0437	7.020	-.6480	.4133	.7796
Stddev	1.372	.0258	18.17	.2825	1.435	1.281
%RSD	98.23	58.94	258.9	43.59	347.2	164.4

#1	2.929	.0149	22.59	-.3264	.6248	1.680
#2	.9787	.0645	11.42	-.7619	1.731	-.6873
#3	.2823	.0517	-12.95	-.8559	-1.116	1.346

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.990	-3.603	.4324	.8512	.5506	.9063
Stddev	1.063	1.040	.1554	.1766	.6963	.1025
%RSD	53.41	28.87	35.93	20.75	126.5	11.30

#1	3.159	-2.541	.2544	.9005	-.1509	.8382
#2	1.729	-3.647	.5014	.9980	.5612	.8566
#3	1.082	-4.620	.5412	.6551	1.242	1.024

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86759/1-a@2 Acquired: 9/22/2011 12:05:32 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0940	-.0529	-.6933
Stddev	.5598	.0580	.4629
%RSD	595.5	109.7	66.77

#1	.0062	-.0120	-.1892
#2	-.6971	-.0273	-1.099
#3	.4089	-.1193	-.7913

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2475.8	38181.	5815.7
Stddev	7.5	337.	142.2
%RSD	.30387	.88193	2.4453

#1	2471.1	37806.	5652.4
#2	2471.9	38457.	5912.4
#3	2484.5	38281.	5882.2

Sample Name: sd 460-30929-d-4-c@2 Acquired: 9/22/2011 12:09:24 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13990.	1.800	-.0204	117.1	.5098	1639.
Stddev	41.	2.549	.7484	.3	.0593	8.
%RSD	.2953	141.6	3671.	.2717	11.63	.4898

#1	14040.	4.693	.7256	117.4	.4726	1646.
#2	13970.	.8240	-.0156	117.3	.5782	1630.
#3	13960.	-.1174	-.7712	116.8	.4786	1642.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2167	18.56	27.46	49.53	35790.	2033.
Stddev	.0827	.12	.42	2.35	114.	50.
%RSD	38.18	.6305	1.539	4.750	.3179	2.435

#1	-.1319	18.62	27.76	52.16	35660.	1985.
#2	-.2972	18.62	27.63	48.80	35880.	2084.
#3	-.2209	18.42	26.97	47.63	35840.	2032.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-30929-d-4-c@2 Acquired: 9/22/2011 12:09:24 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6820.	1186.	107.5	23.09	1.386	1.006
Stddev	16.	3.	11.4	.49	.776	2.423
%RSD	.2318	.2564	10.56	2.111	55.98	240.9
#1	6812.	1183.	94.44	23.54	2.115	3.709
#2	6838.	1189.	114.7	23.16	.5700	.2807
#3	6810.	1186.	113.5	22.57	1.474	-.9717

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3458	-2.283	36.33	51.20	-.1356	3.213
Stddev	.7169	1.590	.51	.21	.3291	.108
%RSD	207.3	69.64	1.399	.4197	242.7	3.360
#1	.0882	-.8225	36.88	51.06	.2087	3.101
#2	-.2067	-2.050	36.21	51.45	-.4471	3.220
#3	1.156	-3.977	35.88	51.09	-.1684	3.317

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-30929-d-4-c@2 Acquired: 9/22/2011 12:09:24 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.7135	8.968	297.4
Stddev	.3653	.159	.9
%RSD	51.20	1.772	.3076

#1	.4264	8.799	297.1
#2	1.125	8.992	298.5
#3	.5894	9.113	296.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2593.5	39529.	6136.0
Stddev	6.1	204.	6.8
%RSD	.23511	.51511	.11087

#1	2598.9	39764.	6134.8
#2	2594.7	39396.	6143.3
#3	2586.9	39429.	6129.9

Sample Name: 460-31162-e-2-b@10 Acquired: 9/22/2011 12:13:09 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8840.	9.766	-.6442	81.76	.2382	127000.
Stddev	11.	1.123	.3565	.20	.0927	395.
%RSD	.1228	11.50	55.34	.2507	38.93	.3111

#1	8849.	9.077	-1.054	81.80	.2827	126900.
#2	8828.	11.06	-.4771	81.93	.3002	126600.
#3	8842.	9.159	-.4019	81.53	.1316	127400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0034	2.571	18.30	19.52	11040.	840.1
Stddev	.0889	.261	.21	1.23	38.	19.8
%RSD	2645.	10.17	1.166	6.292	.3455	2.356

#1	.0972	2.603	18.54	18.12	11080.	829.4
#2	-.0795	2.815	18.12	20.41	11050.	828.0
#3	-.0076	2.295	18.25	20.03	11000.	862.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31162-e-2-b@10 Acquired: 9/22/2011 12:13:09 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35450.	162.6	146.4	8.694	50.02	1.755
Stddev	47.	.4	16.7	.233	1.34	1.339
%RSD	.1320	.2559	11.43	2.682	2.677	76.27

#1	35480.	162.2	131.7	8.935	49.14	.2685
#2	35470.	163.0	143.1	8.470	51.56	2.131
#3	35390.	162.6	164.6	8.675	49.36	2.865

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.467	-2.106	19.97	89.68	6.455	.2704
Stddev	2.388	1.475	.22	.19	.602	.3034
%RSD	162.8	70.03	1.115	.2137	9.321	112.2

#1	-3.633	-3.547	20.14	89.68	6.376	.4351
#2	-1.861	-.6001	20.05	89.87	5.897	-.0797
#3	1.094	-2.169	19.72	89.49	7.093	.4557

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31162-e-2-b@10 Acquired: 9/22/2011 12:13:09 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.629	366.0	258.1
Stddev	.065	1.4	1.8
%RSD	3.972	.3762	.7100

#1	1.600	365.9	260.2
#2	1.583	364.7	257.3
#3	1.703	367.5	256.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2477.5	37325.	5973.2
Stddev	5.3	91.	26.2
%RSD	.21251	.24306	.43817

#1	2476.5	37340.	5981.6
#2	2483.2	37229.	5994.2
#3	2472.8	37408.	5943.9

Sample Name: 460-31307-a-14-a Acquired: 9/22/2011 12:16:53 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-20.44	1.876	.0403	-.1699	-.0652	11.44
Stddev	15.78	.820	.5101	.0716	.0254	10.09
%RSD	77.23	43.68	1267.	42.16	38.98	88.17

#1	-2.323	2.575	.1816	-.1406	-.0637	15.44
#2	-31.24	2.079	-.5256	-.2515	-.0406	18.92
#3	-27.75	.9740	.4648	-.1175	-.0914	-.0326

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0878	-.0018	.2367	9.789	18.13	142.2
Stddev	.0722	.1614	.1188	3.490	2.43	21.8
%RSD	82.17	8928.	50.18	35.65	13.40	15.33

#1	.1710	.1070	.3079	9.878	15.59	154.4
#2	.0427	.0749	.3026	6.255	20.43	117.0
#3	.0498	-.1873	.0996	13.23	18.36	155.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31307-a-14-a Acquired: 9/22/2011 12:16:53 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.945	.1000	16.75	-.1507	.3648	2.312
Stddev	2.428	.0525	12.97	.4118	.9968	.864
%RSD	82.45	52.50	77.41	273.3	273.2	37.38

#1	-2.235	.1283	31.52	-.5122	1.450	1.869
#2	-3.723	.1322	7.192	-.2374	.1541	3.308
#3	-4.890	.0394	11.55	.2976	-.5098	1.760

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.258	-1.997	.0153	.1587	.3678	.2655
Stddev	.343	.858	.0862	.1441	.6502	.2561
%RSD	27.30	42.97	562.0	90.80	176.8	96.48

#1	1.464	-2.837	.1136	.1784	-.0555	-.0302
#2	.8613	-1.122	-.0201	.2920	.0424	.4186
#3	1.448	-2.031	-.0475	.0058	1.116	.4080

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31307-a-14-a Acquired: 9/22/2011 12:16:53 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-1.327	-.1658	-1.589
Stddev	.523	.1122	1.402
%RSD	39.44	67.67	88.24

#1	-.8615	-.2678	-2.104
#2	-1.226	-.0457	-2.662
#3	-1.893	-.1837	-.0023

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2593.5	39974.	6096.2
Stddev	5.2	207.	23.7
%RSD	.20059	.51666	.38811

#1	2599.5	40202.	6123.4
#2	2590.9	39918.	6080.7
#3	2590.1	39801.	6084.4

Sample Name: 460-31354-i-10-a Acquired: 9/22/2011 12:20:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	153.3	1.609	-.5343	54.40	.0079	109100.
Stddev	2.3	.839	.5461	.29	.0929	289.
%RSD	1.491	52.14	102.2	.5264	1176.	.2652

#1	151.6	.6404	.0441	54.56	.0484	108800.
#2	152.5	2.111	-.6062	54.58	.0736	109400.
#3	155.9	2.075	-1.041	54.07	-.0984	109100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0358	2.694	.2042	2.314	194.7	3328.
Stddev	.0549	.205	.1321	2.949	10.4	20.
%RSD	153.6	7.630	64.72	127.4	5.345	.5927

#1	-.0942	2.883	.2506	3.129	192.3	3344.
#2	-.0279	2.723	.3068	4.771	185.6	3306.
#3	.0148	2.475	.0551	-.9566	206.0	3333.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31354-i-10-a Acquired: 9/22/2011 12:20:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33180.	48.60	104000.	1.766	.9036	1.534
Stddev	11.	.15	351.	.387	2.052	.508
%RSD	.0325	.3008	.3376	21.92	227.0	33.09

#1	33170.	48.54	103600.	2.173	.7189	1.451
#2	33190.	48.77	104000.	1.403	-1.049	1.073
#3	33170.	48.50	104300.	1.723	3.041	2.078

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.545	-2.216	.8941	.6310	156.4	.9890
Stddev	.543	.551	.0846	.1638	.5	.0787
%RSD	15.33	24.86	9.463	25.97	.2886	7.955

#1	4.156	-1.581	.8256	.6283	156.6	1.078
#2	3.117	-2.568	.9887	.4685	156.8	.9595
#3	3.361	-2.498	.8680	.7961	155.9	.9293

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31354-i-10-a Acquired: 9/22/2011 12:20:45 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.7931	430.1	21.01
Stddev	.1137	1.4	.51
%RSD	14.33	.3269	2.414

#1	-.6649	428.7	21.51
#2	-.8326	431.5	20.49
#3	-.8817	430.1	21.02

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2441.5	36521.	5996.7
Stddev	3.7	136.	7.0
%RSD	.15295	.37251	.11636

#1	2445.6	36675.	5990.4
#2	2440.4	36473.	5995.6
#3	2438.4	36416.	6004.2

Sample Name: 460-31354-i-11-a Acquired: 9/22/2011 12:24:34 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	139.6	2.905	-.6224	55.12	-.0589	110500.
Stddev	5.0	4.201	.4740	.42	.0427	239.
%RSD	3.617	144.6	76.16	.7670	72.52	.2158
#1	144.1	2.024	-.0953	55.28	-.0509	110200.
#2	140.5	7.477	-.7581	55.44	-.1050	110700.
#3	134.1	-.7867	-1.014	54.64	-.0207	110500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0934	2.512	.9889	1.223	204.4	3352.
Stddev	.1540	.222	.6704	2.485	8.2	60.
%RSD	164.9	8.839	67.79	203.2	4.020	1.794
#1	-.1521	2.502	1.754	.2563	205.5	3289.
#2	-.2094	2.295	.7110	4.046	212.1	3358.
#3	.0814	2.739	.5022	-.6335	195.7	3409.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31354-i-11-a Acquired: 9/22/2011 12:24:34 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33600.	44.57	105300.	1.485	1.550	.6962
Stddev	90.	.13	356.	.654	1.773	1.010
%RSD	.2685	.2839	.3382	44.06	114.4	145.1

#1	33550.	44.53	105000.	1.420	1.751	1.328
#2	33710.	44.71	105700.	.8660	3.213	-.4686
#3	33550.	44.47	105100.	2.170	-.3148	1.229

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.010	-1.221	1.198	.7852	158.9	.6345
Stddev	2.134	.446	.331	.0254	.2	.3125
%RSD	211.3	36.55	27.60	3.234	.1255	49.25

#1	-2.362	-.7120	1.558	.8135	159.0	.5625
#2	-2.118	-1.545	1.127	.7644	158.6	.9767
#3	1.450	-1.405	.9082	.7776	158.9	.3643

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31354-i-11-a Acquired: 9/22/2011 12:24:34 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.6006	434.9	20.88
Stddev	.0291	.4	3.00
%RSD	4.849	.0955	14.40

#1	-.5713	434.7	21.10
#2	-.6296	435.4	23.76
#3	-.6009	434.7	17.77

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2436.5	36521.	5949.8
Stddev	2.3	92.	22.7
%RSD	.09608	.25305	.38233

#1	2438.0	36623.	5971.1
#2	2433.8	36497.	5952.3
#3	2437.6	36443.	5925.9

Sample Name: 460-31356-q-1-b Acquired: 9/22/2011 12:28:22 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.790	4.943	-.0526	313.9	-.0586	41870.
Stddev	1.687	1.037	.1519	1.8	.1133	211.
%RSD	19.19	20.97	289.1	.5796	193.4	.5044

#1	8.660	5.455	.1051	315.4	-.1530	41640.
#2	10.54	3.750	-.1980	314.4	.0670	41940.
#3	7.172	5.624	-.0647	311.9	-.0897	42040.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0991	.0521	.2213	1.184	15.91	1360.
Stddev	.0222	.0683	.5601	.102	1.84	44.
%RSD	22.44	131.0	253.1	8.582	11.57	3.272

#1	.0832	.0712	-.0162	1.114	17.23	1355.
#2	.0895	.1089	-.1810	1.300	13.81	1317.
#3	.1245	-.0237	.8610	1.137	16.68	1406.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-1-b Acquired: 9/22/2011 12:28:22 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18920.	39.79	12510.	.3357	5.557	3.124
Stddev	51.	.22	111.	.0227	.319	1.324
%RSD	.2704	.5581	.8867	6.752	5.745	42.37

#1	18880.	39.55	12390.	.3437	5.597	2.845
#2	18970.	39.99	12540.	.3101	5.219	4.565
#3	18890.	39.82	12600.	.3532	5.854	1.962

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.355	-1.325	9.166	26.47	108.4	3.145
Stddev	.334	1.633	.130	.28	.1	.238
%RSD	24.66	123.2	1.416	1.073	.1352	7.574

#1	-.9782	-1.841	9.066	26.78	108.5	3.263
#2	-1.471	-2.638	9.313	26.38	108.4	2.871
#3	-1.615	.5037	9.119	26.24	108.2	3.301

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-1-b Acquired: 9/22/2011 12:28:22 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1795	873.1	6.571
Stddev	.2422	5.1	.491
%RSD	134.9	.5798	7.473

#1	-.0361	867.3	6.511
#2	-.0434	875.5	7.090
#3	-.4592	876.6	6.113

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2523.9	38188.	6077.6
Stddev	2.8	28.	28.0
%RSD	.10907	.07430	.46062

#1	2521.8	38221.	6109.4
#2	2522.8	38167.	6066.7
#3	2527.0	38177.	6056.8

Sample Name: 460-31356-q-2-b Acquired: 9/22/2011 12:32:11 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.929	5.543	-1.194	318.4	.0317	42610.
Stddev	13.75	2.015	.045	1.9	.1267	101.
%RSD	173.4	36.36	3.787	.5828	399.5	.2379

#1	12.48	6.851	-1.194	319.4	.1761	42520.
#2	18.83	6.556	-1.148	319.4	-.0611	42600.
#3	-7.515	3.222	-1.239	316.2	-.0198	42720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0092	-.2895	-.0301	.3015	15.08	1377.
Stddev	.0729	.2255	.2396	1.301	5.51	17.
%RSD	789.8	77.89	796.8	431.4	36.57	1.255

#1	-.0742	-.5482	-.1956	-.6243	19.69	1366.
#2	.0602	-.1861	.2447	1.788	16.57	1369.
#3	.0417	-.1343	-.1392	-.2598	8.970	1397.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-2-b Acquired: 9/22/2011 12:32:11 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19260.	42.20	12440.	.4729	4.131	.8931
Stddev	34.	.02	49.	.1654	1.184	2.301
%RSD	.1790	.0428	.3934	34.98	28.66	257.7

#1	19290.	42.18	12390.	.2822	3.583	3.496
#2	19280.	42.20	12430.	.5587	3.320	.0566
#3	19220.	42.22	12490.	.5777	5.490	-.8728

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6777	-.9517	10.12	12.04	110.2	3.001
Stddev	3.956	.2372	.38	.18	.7	.093
%RSD	583.8	24.92	3.740	1.526	.5921	3.100

#1	2.702	-.7059	10.10	12.09	110.7	3.082
#2	-3.881	-.9700	9.752	12.20	110.4	2.900
#3	3.213	-1.179	10.51	11.84	109.4	3.021

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-2-b Acquired: 9/22/2011 12:32:11 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0927	891.1	4.034
Stddev	.6291	1.5	1.090
%RSD	678.5	.1710	27.01

#1	.6103	890.0	2.815
#2	-.2861	890.5	4.914
#3	-.6024	892.9	4.372

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2524.1	38083.	6054.0
Stddev	2.6	111.	11.4
%RSD	.10144	.29115	.18884

#1	2527.0	38007.	6063.1
#2	2523.1	38210.	6057.8
#3	2522.2	38032.	6041.2

Sample Name: 460-31356-q-4-b Acquired: 9/22/2011 12:36:00 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.06	2.761	-.3506	928.0	.0049	89440.
Stddev	19.06	1.498	.9859	5.0	.1079	214.
%RSD	55.95	54.27	281.2	.5424	2200.	.2390

#1	12.77	2.976	.1551	931.9	-.0965	89630.
#2	49.53	1.166	.2798	929.7	-.0071	89490.
#3	39.88	4.140	-1.487	922.3	.1183	89210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0730	-.2542	1.385	7.670	27.29	1614.
Stddev	.0843	.3031	.153	.930	11.45	28.
%RSD	115.5	119.2	11.08	12.12	41.95	1.730

#1	.0229	.0783	1.555	7.402	16.47	1591.
#2	.1703	-.5150	1.257	8.705	26.11	1605.
#3	.0257	-.3259	1.343	6.904	39.27	1645.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-4-b Acquired: 9/22/2011 12:36:00 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13910.	21.71	16220.	.9298	5.483	2.637
Stddev	29.	.07	46.	.1427	.367	1.073
%RSD	.2108	.3246	.2834	15.35	6.703	40.67

#1	13940.	21.74	16210.	1.039	5.840	2.662
#2	13920.	21.75	16260.	.7684	5.503	1.552
#3	13880.	21.63	16170.	.9819	5.106	3.697

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.211	-1.465	5.748	30.51	62.05	.8854
Stddev	1.380	1.056	.067	.49	.74	.0772
%RSD	114.0	72.10	1.158	1.614	1.201	8.723

#1	-.3795	-.4941	5.790	31.07	62.27	.8447
#2	1.916	-2.589	5.784	30.16	62.65	.8370
#3	2.095	-1.311	5.672	30.29	61.22	.9744

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-4-b Acquired: 9/22/2011 12:36:00 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0200	332.2	12.26
Stddev	.7205	1.1	1.57
%RSD	3599.	.3227	12.84

#1	.6687	333.3	13.98
#2	-.7555	332.0	11.89
#3	.1469	331.2	10.89

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2499.3	37790.	6063.0
Stddev	2.8	56.	6.5
%RSD	.11356	.14737	.10722

#1	2496.7	37741.	6057.6
#2	2502.3	37850.	6061.3
#3	2498.9	37777.	6070.2

Sample Name: 460-31356-q-5-b Acquired: 9/22/2011 12:39:48 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.52	6.137	.0128	396.5	-.0130	47260.
Stddev	7.54	1.014	.6140	2.3	.0283	55.
%RSD	32.07	16.53	4792.	.5701	218.5	.1162

#1	23.50	7.300	.6675	397.9	-.0166	47260.
#2	15.99	5.438	-.5501	397.8	.0170	47320.
#3	31.07	5.673	-.0789	393.9	-.0393	47210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0094	-.2604	.2047	4.888	38.76	1461.
Stddev	.0880	.2975	.3604	1.224	16.43	16.
%RSD	940.6	114.2	176.0	25.04	42.38	1.086

#1	-.0817	-.1988	.3094	3.605	50.19	1449.
#2	.0938	-.5839	.5011	6.043	19.94	1479.
#3	.0160	.0015	-.1964	5.015	46.16	1454.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-5-b Acquired: 9/22/2011 12:39:48 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17590.	27.19	12920.	.3443	5.064	2.287
Stddev	41.	.03	55.	.3628	.532	.269
%RSD	.2304	.1268	.4258	105.4	10.51	11.77

#1	17610.	27.16	12920.	.2521	5.630	2.591
#2	17630.	27.23	12970.	.7443	4.987	2.191
#3	17550.	27.18	12860.	.0365	4.574	2.079

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.055	-8528	8.084	23.46	143.0	2.158
Stddev	1.759	2.087	.211	.27	.8	.079
%RSD	85.61	244.7	2.605	1.166	.5636	3.680

#1	-.3367	.7861	8.206	23.70	142.4	2.069
#2	-3.853	-.1426	8.205	23.51	143.9	2.220
#3	-1.976	-3.202	7.841	23.16	142.7	2.187

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-5-b Acquired: 9/22/2011 12:39:48 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-0.6440	964.1	4.579
Stddev	.5206	.8	1.728
%RSD	80.84	.0842	37.75

#1	-1.079	963.8	6.510
#2	-.0672	965.0	4.050
#3	-.7856	963.4	3.177

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2515.1	38196.	6048.8
Stddev	6.7	61.	11.6
%RSD	.26704	.15951	.19210

#1	2514.3	38140.	6049.8
#2	2508.8	38186.	6036.7
#3	2522.2	38261.	6059.9

Sample Name: CCV Acquired: 9/22/2011 12:43:38 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122900.	2477.	1236.	10050.	977.4	125600.
Stddev	242.	5.	2.	7.	1.6	198.
%RSD	.1967	.2185	.1545	.0673	.1589	.1575

#1	123100.	2480.	1238.	10060.	978.5	125700.
#2	123100.	2481.	1235.	10060.	978.0	125800.
#3	122600.	2471.	1236.	10050.	975.6	125400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2496.	5022.	12320.	100800.	49530.
Stddev	1.	3.	2.	42.	135.	103.
%RSD	.0774	.1160	.0338	.3429	.1335	.2087

#1	1261.	2498.	5023.	12300.	101000.	49570.
#2	1261.	2496.	5020.	12360.	100800.	49600.
#3	1259.	2493.	5023.	12280.	100700.	49410.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 12:43:38 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124500.	5037.	122700.	2533.	7540.	1006.
Stddev	146.	36.	115.	2.	6.	5.
%RSD	.1172	.7127	.0934	.0682	.0789	.4900

#1	124500.	5001.	122800.	2535.	7546.	1009.
#2	124500.	5037.	122700.	2532.	7535.	1008.
#3	124700.	5073.	122600.	2531.	7538.	1000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2433.	2566.	2495.	2505.	993.9	2519.
Stddev	8.	3.	4.	2.	2.0	4.
%RSD	.3303	.0998	.1677	.0929	.2011	.1546

#1	2427.	2569.	2500.	2508.	994.4	2522.
#2	2443.	2564.	2493.	2505.	995.5	2521.
#3	2430.	2565.	2492.	2503.	991.6	2515.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 12:43:38 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1006.	4951.	9820.
Stddev	3.	8.	21.
%RSD	.2976	.1569	.2103

#1	1009.	4949.	9820.
#2	1006.	4960.	9840.
#3	1003.	4945.	9799.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2355.8	35475.	5908.4
Stddev	2.3	101.	22.6
%RSD	.09947	.28548	.38243

#1	2353.3	35502.	5909.7
#2	2356.2	35560.	5885.1
#3	2358.0	35363.	5930.3

Sample Name: CCB Acquired: 9/22/2011 12:47:12 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.022	.5974	.1248	-.0286	-.0303	-2.092
Stddev	7.150	1.849	.4026	.0715	.0607	4.641
%RSD	118.7	309.5	322.7	250.0	200.2	221.8

#1	.5091	.9881	.4113	.0395	.0291	-7.120
#2	14.10	2.220	.2984	-.0223	-.0923	2.028
#3	3.457	-1.416	-.3355	-.1031	-.0278	-1.185

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0393	-.0508	.2211	1.485	10.79	109.9
Stddev	.0195	.1737	.0944	4.975	3.00	22.3
%RSD	49.73	342.1	42.72	334.9	27.83	20.28

#1	.0542	-.0606	.1570	6.634	8.986	105.1
#2	.0464	-.2194	.3295	1.117	14.26	134.1
#3	.0172	.1276	.1766	-3.295	9.136	90.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 12:47:12 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.276	.0919	31.27	-.1195	-.3500	6.436
Stddev	1.407	.0728	32.85	.1007	.4429	1.548
%RSD	110.3	79.23	105.0	84.20	126.6	24.05

#1	.2242	.1747	69.02	-.1529	.0987	5.714
#2	-1.486	.0632	15.60	-.1993	-.3618	8.213
#3	-2.566	.0378	9.198	-.0064	-.7869	5.380

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.195	-.3450	.4258	.1242	1.171	4.491
Stddev	.884	.7522	.2900	.0737	.282	.450
%RSD	40.28	218.0	68.10	59.34	24.06	10.02

#1	2.913	.5168	.1151	.0723	1.494	4.561
#2	2.465	-.6823	.6891	.0917	.9745	4.902
#3	1.207	-.8696	.4733	.2085	1.045	4.011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 12:47:12 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1469	-.0209	1.963
Stddev	.6231	.1887	.948
%RSD	424.1	902.4	48.29

#1	.4196	.1968	.9724
#2	.5873	-.1216	2.054
#3	-.5661	-.1379	2.861

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2548.0	39002.	5971.8
Stddev	7.2	99.	25.9
%RSD	.28253	.25388	.43391

#1	2556.2	39102.	6000.1
#2	2545.0	39001.	5966.1
#3	2542.8	38904.	5949.3

Sample Name: 460-31356-q-6-b Acquired: 9/22/2011 12:51:07 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.11	5.331	.4256	139.3	.0460	36180.
Stddev	9.39	2.516	.3450	.8	.1141	136.
%RSD	31.21	47.20	81.05	.5924	247.9	.3749
#1	19.44	3.159	.7841	139.7	-.0274	36060.
#2	33.70	8.088	.0960	139.9	.1775	36330.
#3	37.18	4.745	.3968	138.4	-.0120	36160.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0415	.0547	.6275	2.225	67.15	1440.
Stddev	.1575	.4956	.1180	2.866	4.70	33.
%RSD	379.4	905.3	18.81	128.8	7.000	2.264
#1	.1181	.6249	.4964	-.0118	61.77	1457.
#2	-.1968	-.2730	.7252	1.231	70.48	1402.
#3	-.0458	-.1877	.6610	5.456	69.19	1461.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-6-b Acquired: 9/22/2011 12:51:07 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18650.	14.77	14950.	.1210	5.088	4.356
Stddev	18.	.05	84.	.4050	1.038	.619
%RSD	.0938	.3244	.5607	334.6	20.40	14.20

#1	18670.	14.76	14890.	.5770	5.238	3.642
#2	18650.	14.82	15050.	-.0169	6.043	4.738
#3	18640.	14.72	14920.	-.1970	3.983	4.689

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.075	.3321	12.41	10.000	273.6	3.968
Stddev	3.882	1.937	.31	.3504	2.2	.249
%RSD	126.3	583.2	2.486	3.505	.8120	6.272

#1	.4685	-.3815	12.31	9.988	272.6	3.783
#2	1.219	-1.147	12.16	10.36	276.2	3.870
#3	7.536	2.524	12.75	9.655	272.1	4.251

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-6-b Acquired: 9/22/2011 12:51:07 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4397	2284.	6.354
Stddev	.7964	10.	1.223
%RSD	181.1	.4175	19.24

#1	.2182	2275.	5.726
#2	-1.325	2294.	5.572
#3	-.2122	2284.	7.763

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2517.7	38147.	6011.5
Stddev	2.5	28.	31.7
%RSD	.10116	.07350	.52667

#1	2518.5	38157.	6048.0
#2	2514.8	38115.	5992.2
#3	2519.7	38168.	5994.1

Sample Name: 460-31356-q-7-b Acquired: 9/22/2011 12:54:54 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37.41	5.751	-.2067	25.73	.0220	102500.
Stddev	5.42	.634	.3917	.14	.0282	154.
%RSD	14.48	11.03	189.5	.5458	128.3	.1501
#1	41.72	5.060	-.6571	25.89	.0077	102700.
#2	31.33	6.307	-.0172	25.69	.0038	102400.
#3	39.19	5.886	.0542	25.62	.0544	102400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0549	-.3683	.4300	1.145	8.785	1790.
Stddev	.0966	.2284	.2268	4.587	7.471	28.
%RSD	175.8	62.02	52.75	400.6	85.05	1.572
#1	.1586	-.3830	.6105	-2.637	.7528	1792.
#2	-.0324	-.5890	.1754	-.1746	15.53	1816.
#3	.0386	-.1328	.5041	6.247	10.08	1760.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-7-b Acquired: 9/22/2011 12:54:54 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40630.	104.6	44520.	.1798	3.347	6.197
Stddev	150.	.4	101.	.1138	.532	.872
%RSD	.3700	.4066	.2274	63.28	15.90	14.07

#1	40720.	104.8	44630.	.2676	3.658	7.204
#2	40720.	104.9	44430.	.2206	3.651	5.680
#3	40460.	104.1	44490.	.0513	2.733	5.707

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8352	-2.586	21.50	6.293	1783.	36.14
Stddev	.5865	.344	.51	.077	7.	.35
%RSD	70.22	13.28	2.377	1.232	.3731	.9652

#1	.2658	-2.270	21.79	6.252	1783.	35.87
#2	1.437	-2.537	21.80	6.245	1789.	36.53
#3	.8026	-2.952	20.91	6.382	1776.	36.01

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31356-q-7-b Acquired: 9/22/2011 12:54:54 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.6654	9046.	14.17
Stddev	.2938	64.	.60
%RSD	44.16	.7092	4.238

#1	-.6614	9120.	14.25
#2	-.3736	9013.	14.72
#3	-.9612	9005.	13.53

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2460.4	37088.	6008.7
Stddev	3.7	115.	22.9
%RSD	.14939	.31116	.38160

#1	2456.3	36955.	5986.7
#2	2461.2	37152.	6032.5
#3	2463.5	37156.	6006.8

Sample Name: 460-31258-e-1-b Acquired: 9/22/2011 12:58:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	328.8	3.868	-.3567	48.69	-.0571	40030.
Stddev	18.4	1.629	.5753	.68	.0085	183.
%RSD	5.601	42.10	161.3	1.405	14.82	.4568

#1	348.4	5.183	-.0225	48.90	-.0489	40170.
#2	326.1	4.374	-1.021	49.25	-.0658	40090.
#3	311.8	2.046	-.0267	47.93	-.0566	39820.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0419	.0256	10.14	3.062	3591.	8575.
Stddev	.0155	.0353	.38	1.025	13.	58.
%RSD	37.06	138.1	3.720	33.47	.3597	.6742

#1	.0511	.0577	10.39	3.636	3593.	8588.
#2	.0508	-.0122	10.33	3.672	3602.	8625.
#3	.0240	.0312	9.710	1.879	3577.	8512.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-e-1-b Acquired: 9/22/2011 12:58:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9225.	23.49	138000.	4.529	5.746	.1859
Stddev	15.	.08	803.	.113	.926	.3455
%RSD	.1618	.3504	.5818	2.492	16.11	185.9

#1	9240.	23.58	138700.	4.403	5.862	-.1566
#2	9226.	23.48	138200.	4.620	6.608	.5344
#3	9210.	23.42	137100.	4.565	4.768	.1798

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4832	-1.101	7.397	7.766	20.25	4.907
Stddev	2.782	.876	.296	.054	.19	.210
%RSD	575.8	79.52	4.003	.6962	.9274	4.279

#1	2.704	-1.329	7.616	7.744	20.44	4.765
#2	-2.638	-1.841	7.060	7.827	20.26	5.148
#3	1.383	-.1340	7.514	7.726	20.06	4.808

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-e-1-b Acquired: 9/22/2011 12:58:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.797	441.8	6.189
Stddev	.870	2.0	1.309
%RSD	31.09	.4567	21.15

#1	2.011	443.5	5.181
#2	2.648	442.2	7.668
#3	3.731	439.5	5.716

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2475.4	36673.	6010.0
Stddev	3.7	189.	9.6
%RSD	.15084	.51540	.15917

#1	2474.9	36760.	6006.9
#2	2472.0	36803.	6002.3
#3	2479.4	36456.	6020.7

Sample Name: 460-31258-e-2-b Acquired: 9/22/2011 13:02:38 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	362.2	1.696	-.6510	117.8	.0081	65950.
Stddev	326.8	2.510	.2508	8.9	.0045	57060.
%RSD	90.22	148.0	38.53	7.575	55.62	86.52

#1	-15.13	-.9996	-.3673	108.3	.0096	66.52
#2	548.4	3.966	-.7428	126.0	.0031	98410.
#3	553.2	2.121	-.8430	119.0	.0117	99390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0207	-.2976	1.003	3.827	7.447	7178.
Stddev	.0442	.4322	1.088	3.850	9.431	5921.
%RSD	213.7	145.2	108.4	100.6	126.6	82.50

#1	.0478	-.1657	-.2467	-.4110	4.023	341.4
#2	.0446	-.7804	1.737	7.108	18.11	10490.
#3	-.0303	.0533	1.519	4.783	.2064	10700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-e-2-b Acquired: 9/22/2011 13:02:38 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2841.	.2872	54580.	.3500	.3887	1.572
Stddev	2035.	.2549	47170.	.3357	1.255	1.443
%RSD	71.60	88.74	86.42	95.89	322.8	91.78

#1	492.9	-.0004	118.6	.6566	-.0840	3.224
#2	4065.	.4851	81060.	-.0086	1.811	.9382
#3	3966.	.3768	82540.	.4020	-.5612	.5550

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.2161	-2.065	5.996	.1514	37.58	11.77
Stddev	5.072	.395	4.702	.2229	1.91	.89
%RSD	2347.	19.12	78.43	147.3	5.086	7.567

#1	-1.248	-1.617	.5950	-.1016	35.44	10.84
#2	-4.693	-2.216	9.183	.2368	39.13	12.61
#3	5.293	-2.362	8.209	.3190	38.17	11.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-e-2-b Acquired: 9/22/2011 13:02:38 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-7.205	585.0	7.873
Stddev	.1781	506.5	12.48
%RSD	24.71	86.59	158.5

#1	-7.946	.1426	-6.512
#2	-.8496	872.7	15.78
#3	-.5174	882.2	14.35

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2544.3	47259.	10255.
Stddev	105.0	17706.	7290.
%RSD	4.1272	37.467	71.087

#1	2665.6	67704.	18673.
#2	2484.8	37082.	6098.6
#3	2482.6	36990.	5994.2

Sample Name: 460-31258-e-3-b Acquired: 9/22/2011 13:06:27 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28.91	-.9362	-.2160	51.08	.0088	28830.
Stddev	2.78	1.128	.6774	.12	.0580	6.
%RSD	9.627	120.5	313.6	.2269	658.1	.0197
#1	25.71	-.4863	.4844	51.14	-.0396	28840.
#2	30.81	-2.220	-.8678	50.95	-.0070	28830.
#3	30.20	-.1024	-.2646	51.16	.0731	28830.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0565	.9444	.2754	2.753	14.98	3741.
Stddev	.0916	.0494	.3410	2.548	7.84	50.
%RSD	162.2	5.235	123.8	92.55	52.37	1.333
#1	-.0624	.8955	.5890	5.277	12.22	3794.
#2	-.1450	.9944	-.0875	.1817	23.83	3734.
#3	.0379	.9432	.3246	2.801	8.885	3695.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-e-3-b Acquired: 9/22/2011 13:06:27 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5090.	128.5	11820.	.6956	1.635	1.997
Stddev	6.	.4	47.	.0833	1.419	.859
%RSD	.1153	.3039	.4009	11.98	86.78	42.99

#1	5097.	129.0	11870.	.7565	2.972	1.810
#2	5089.	128.2	11780.	.6007	.1461	1.247
#3	5086.	128.4	11800.	.7297	1.787	2.933

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.168	-.4077	1.473	.5175	9.683	2.268
Stddev	1.659	1.229	.092	.1152	.805	.109
%RSD	142.0	301.3	6.269	22.26	8.312	4.822

#1	3.082	-.2197	1.458	.5330	10.42	2.153
#2	.1387	.7161	1.572	.3953	9.813	2.370
#3	.2839	-1.719	1.389	.6241	8.822	2.279

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-e-3-b Acquired: 9/22/2011 13:06:27 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6604	289.8	1.490
Stddev	.5426	.5	.423
%RSD	82.17	.1691	28.43

#1	1.009	290.1	1.978
#2	.0352	290.1	1.272
#3	.9371	289.3	1.219

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2544.1	38700.	6086.0
Stddev	3.5	66.	33.4
%RSD	.13596	.16931	.54802

#1	2546.3	38663.	6106.1
#2	2540.1	38776.	6104.4
#3	2545.8	38662.	6047.5

Sample Name: 460-31258-d-5-b Acquired: 9/22/2011 13:10:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.684	.0244	.5234	-.2537	.1487	4.934
Stddev	10.09	1.418	.7247	.0391	.1267	9.499
%RSD	131.3	5813.	138.5	15.41	85.24	192.5
#1	-4.963	-1.237	-.2198	-.2088	.2948	5.053
#2	.7664	-.2495	.5618	-.2803	.0688	14.37
#3	-18.86	1.560	1.228	-.2719	.0825	-4.624

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0546	.1273	.1347	2.621	3.410	10.52
Stddev	.1157	.2930	.1021	.992	5.708	6.51
%RSD	211.9	230.2	75.80	37.86	167.4	61.90
#1	-.0713	.2935	.0868	3.182	-1.249	10.54
#2	.1562	.2993	.2520	3.206	1.703	3.997
#3	.0789	-.2111	.0654	1.475	9.777	17.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-5-b Acquired: 9/22/2011 13:10:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6483	.0111	19.86	-.0424	-.1911	.6392
Stddev	3.966	.0651	2.74	.2211	.0950	.3519
%RSD	611.7	584.8	13.78	522.0	49.71	55.05

#1	.8833	-.0634	21.99	.2009	-.1462	.2331
#2	-5.151	.0395	20.82	-.2311	-.1268	.8537
#3	2.323	.0573	16.77	-.0969	-.3002	.8307

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9392	-.2999	.1172	.2144	.3253	.0399
Stddev	2.160	2.010	.8222	.0746	1.186	.1078
%RSD	229.9	670.3	701.5	34.79	364.5	270.3

#1	3.370	2.016	.8304	.3006	.3453	.1032
#2	.2035	-1.588	.3034	.1711	-.8702	-.0846
#3	-.7563	-1.328	-.7821	.1716	1.501	.1011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-5-b Acquired: 9/22/2011 13:10:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0184	-.1578	-3.363
Stddev	.9489	.0782	.665
%RSD	5143.	49.54	19.78

#1	.0921	-.2261	-2.645
#2	.9284	-.1749	-3.957
#3	-.9652	-.0725	-3.488

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2598.7	40020.	6125.5
Stddev	6.0	114.	52.4
%RSD	.22992	.28434	.85529

#1	2591.8	40151.	6075.0
#2	2601.4	39949.	6121.8
#3	2602.8	39958.	6179.6

Sample Name: 460-31291-e-1-b Acquired: 9/22/2011 13:14:07 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	537.3	.7991	-.3875	82.78	.2893	8148.
Stddev	14.6	2.780	.2792	1.71	.1158	44.
%RSD	2.726	347.9	72.06	2.069	40.04	.5353
#1	520.4	3.393	-.1463	83.82	.3051	8161.
#2	545.2	1.140	-.3227	83.72	.1664	8184.
#3	546.3	-2.136	-.6934	80.81	.3965	8100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1392	2.160	.0955	45.34	32.19	1179.
Stddev	.1470	.126	.4968	1.23	2.06	13.
%RSD	105.6	5.844	520.0	2.715	6.394	1.096
#1	.0644	2.302	.1924	44.06	34.10	1187.
#2	.0447	2.121	-.4425	46.51	32.44	1164.
#3	.3085	2.059	.5368	45.45	30.01	1186.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31291-e-1-b Acquired: 9/22/2011 13:14:07 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2151.	34.16	10370.	2.955	1.928	.4117
Stddev	22.	.41	4.	.282	.898	2.304
%RSD	1.045	1.187	.0371	9.544	46.56	559.6
#1	2165.	34.46	10370.	2.639	2.258	.5853
#2	2163.	34.31	10360.	3.183	2.614	-1.974
#3	2125.	33.70	10360.	3.042	.9120	2.624

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.196	-.8113	.3782	71.30	482.3	.1264
Stddev	5.094	.7586	.2539	1.94	9.7	.3555
%RSD	231.9	93.50	67.13	2.721	2.021	281.2
#1	3.352	.0160	.1273	72.71	488.7	.4596
#2	-6.662	-.9758	.3723	72.11	487.2	-.2479
#3	-3.279	-1.474	.6350	69.09	471.1	.1676

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31291-e-1-b Acquired: 9/22/2011 13:14:07 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4462	44.52	-.4169
Stddev	.2346	.22	.8722
%RSD	52.59	.4849	209.2

#1	-.3133	44.45	-1.423
#2	-.7171	44.77	.1146
#3	-.3081	44.35	.0581

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2605.6	39648.	6200.2
Stddev	4.8	53.	12.1
%RSD	.18264	.13482	.19565

#1	2611.1	39613.	6203.2
#2	2602.6	39709.	6210.5
#3	2603.2	39621.	6186.8

Sample Name: 460-31291-e-3-b Acquired: 9/22/2011 13:17:54 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	598.7	2.616	-.1304	82.21	.3414	7980.
Stddev	27.3	1.190	.9295	2.33	.0943	246.
%RSD	4.566	45.47	712.6	2.834	27.63	3.084

#1	576.1	3.974	.2550	83.56	.4347	7698.
#2	629.1	2.120	-1.191	83.55	.2461	8151.
#3	590.9	1.756	.5443	79.52	.3434	8090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2004	1.958	-.0272	292.4	849.5	1151.
Stddev	.0588	.336	.2500	8.1	9.7	13.
%RSD	29.36	17.15	920.8	2.754	1.139	1.137

#1	.2653	2.096	.1355	283.3	842.7	1143.
#2	.1854	2.203	-.3151	295.1	860.6	1166.
#3	.1506	1.575	.0980	298.7	845.1	1144.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31291-e-3-b Acquired: 9/22/2011 13:17:54 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2125.	34.43	10120.	8.962	9.964	1.354
Stddev	25.	.29	314.	.185	.702	.202
%RSD	1.153	.8386	3.098	2.066	7.043	14.88

#1	2134.	34.60	9761.	9.097	9.178	1.562
#2	2144.	34.58	10310.	9.037	10.19	1.340
#3	2097.	34.09	10300.	8.751	10.53	1.160

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.292	.5542	1.802	285.7	478.6	-.0522
Stddev	2.384	1.256	.344	8.3	10.4	.1197
%RSD	184.5	226.6	19.08	2.922	2.177	229.2

#1	-.2496	-.2922	2.197	291.1	484.2	-.0604
#2	-4.020	-.0420	1.638	290.0	485.0	-.1677
#3	.3926	1.997	1.571	276.1	466.5	.0714

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31291-e-3-b Acquired: 9/22/2011 13:17:54 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.402	43.39	-.9742
Stddev	.728	1.19	1.694
%RSD	21.39	2.740	173.9

#1	3.876	42.04	-.8591
#2	3.767	44.26	.6590
#3	2.564	43.89	-2.722

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2605.1	39751.	6232.6
Stddev	1.5	86.	84.1
%RSD	.05682	.21563	1.3495

#1	2606.7	39751.	6328.8
#2	2604.9	39837.	6196.4
#3	2603.8	39666.	6172.7

Sample Name: 460-31207-c-6-a Acquired: 9/22/2011 13:21:39 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	631.7	14.73	.0112	20.30	-.0337	7504.
Stddev	2.4	2.01	.1840	.71	.0739	74.
%RSD	.3862	13.64	1646.	3.485	219.0	.9818
#1	629.7	13.48	-.1326	20.87	-.0651	7530.
#2	631.0	17.05	.2186	20.53	-.0867	7561.
#3	634.4	13.66	-.0525	19.51	.0506	7421.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1927	-.4988	414.5	6.684	611.0	9256.
Stddev	.0360	.1250	6.5	1.259	20.1	107.
%RSD	18.67	25.07	1.569	18.84	3.293	1.154
#1	.2341	-.3971	418.4	5.496	632.7	9328.
#2	.1751	-.4609	418.1	6.551	607.1	9306.
#3	.1689	-.6384	407.0	8.004	593.1	9133.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-6-a Acquired: 9/22/2011 13:21:39 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3991.	83.46	F 694500.	10.00	5.472	1.427
Stddev	49.	.97	8841.	.55	.214	.665
%RSD	1.218	1.157	1.273	5.480	3.907	46.58
#1	4021.	84.29	699400.	10.15	5.717	.6609
#2	4016.	83.69	699800.	10.46	5.371	1.852
#3	3935.	82.40	684300.	9.397	5.327	1.768
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.625	-1.679	96.03	5.022	200.0	14.81
Stddev	4.046	.328	1.42	.239	5.1	.58
%RSD	249.0	19.53	1.484	4.757	2.565	3.908
#1	5.855	-1.432	96.83	5.177	202.3	15.16
#2	-2.208	-1.555	96.87	5.142	203.7	15.12
#3	1.228	-2.051	94.38	4.747	194.2	14.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-6-a Acquired: 9/22/2011 13:21:39 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5059	38.63	17.04
Stddev	.1518	.31	1.17
%RSD	29.99	.7919	6.889

#1	.6018	38.78	16.29
#2	.5851	38.83	18.39
#3	.3310	38.28	16.44

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2369.0	34584.	5982.5
Stddev	5.0	132.	24.0
%RSD	.21300	.38140	.40064

#1	2368.1	34555.	5991.1
#2	2364.5	34728.	5955.5
#3	2374.4	34470.	6001.0

Sample Name: 460-31207-c-7-a Acquired: 9/22/2011 13:25:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	359.6	18.37	.0860	358.5	-.0126	72290.
Stddev	6.2	.84	1.183	5.4	.0756	204.
%RSD	1.712	4.584	1375.	1.507	598.3	.2817

#1	353.4	18.12	1.428	362.4	.0050	72330.
#2	359.6	17.68	-.8063	360.9	-.0954	72470.
#3	365.7	19.30	-.3634	352.4	.0526	72070.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3897	1.646	21.58	5.822	29130.	21200.
Stddev	.0431	.205	.38	1.891	129.	25.
%RSD	11.06	12.48	1.776	32.48	.4443	.1184

#1	-.3986	1.415	22.01	4.341	29280.	21170.
#2	-.4276	1.717	21.47	5.173	29090.	21190.
#3	-.3429	1.807	21.26	7.952	29030.	21220.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-7-a Acquired: 9/22/2011 13:25:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52020.	535.6	F 371000.	3.214	7.816	2.177
Stddev	262.	1.9	1660.	.220	1.578	1.409
%RSD	.5027	.3631	.4476	6.855	20.18	64.75

#1	52240.	537.5	369100.	3.469	7.493	.9442
#2	52100.	535.6	372300.	3.092	6.425	1.873
#3	51730.	533.6	371500.	3.082	9.530	3.714

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8351	-3.138	5.081	5.216	491.9	.1110
Stddev	4.370	1.645	.257	.063	5.8	.2280
%RSD	523.3	52.43	5.058	1.202	1.187	205.4

#1	5.574	-2.139	4.927	5.199	495.8	-.1410
#2	-.0326	-2.239	5.378	5.163	494.6	.1710
#3	-3.036	-5.037	4.939	5.285	485.2	.3030

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-7-a Acquired: 9/22/2011 13:25:35 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2264	497.7	16.03
Stddev	.2715	1.7	1.50
%RSD	119.9	.3345	9.373

#1	.5379	497.9	17.75
#2	.0400	499.1	15.34
#3	.1013	495.9	15.00

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2401.8	35860.	6096.3
Stddev	3.2	91.	6.2
%RSD	.13377	.25426	.10168

#1	2398.1	35831.	6098.4
#2	2403.3	35962.	6089.3
#3	2404.0	35786.	6101.1

Sample Name: CCV Acquired: 9/22/2011 13:29:31 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122800.	2470.	1233.	10050.	978.3	125800.
Stddev	325.	13.	2.	36.	3.2	295.
%RSD	.2645	.5391	.1644	.3537	.3221	.2348

#1	123200.	2476.	1235.	10070.	982.0	126100.
#2	122700.	2479.	1231.	10080.	976.5	125700.
#3	122500.	2455.	1234.	10010.	976.5	125600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1259.	2493.	5010.	12330.	100500.	49740.
Stddev	5.	10.	3.	26.	63.	140.
%RSD	.3725	.3874	.0573	.2130	.0629	.2804

#1	1261.	2497.	5009.	12360.	100600.	49900.
#2	1263.	2500.	5013.	12310.	100500.	49630.
#3	1254.	2482.	5007.	12320.	100500.	49690.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 13:29:31 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124300.	5041.	123000.	2531.	7532.	1006.
Stddev	73.	22.	448.	9.	28.	7.
%RSD	.0585	.4409	.3641	.3667	.3780	.6492

#1	124300.	5033.	123500.	2534.	7542.	1010.
#2	124300.	5023.	122700.	2539.	7555.	1009.
#3	124200.	5066.	122800.	2521.	7500.	998.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2435.	2565.	2485.	2506.	993.4	2517.
Stddev	7.	7.	2.	11.	2.3	14.
%RSD	.2946	.2578	.1002	.4222	.2326	.5682

#1	2434.	2567.	2488.	2509.	992.0	2525.
#2	2442.	2571.	2483.	2515.	996.0	2525.
#3	2428.	2558.	2485.	2494.	992.1	2500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 13:29:31 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1005.	4963.	9811.
Stddev	5.	14.	30.
%RSD	.4727	.2835	.3065

#1	1008.	4979.	9845.
#2	1007.	4954.	9800.
#3	999.4	4957.	9788.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2354.1	35573.	5910.7
Stddev	1.4	38.	12.1
%RSD	.05903	.10822	.20475

#1	2355.5	35566.	5897.8
#2	2353.9	35614.	5912.3
#3	2352.8	35538.	5921.9

Sample Name: CCB Acquired: 9/22/2011 13:33:05 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-14.00	.6885	.0509	.1052	.0091	.3807
Stddev	2.80	.3376	.4260	.3234	.0725	8.703
%RSD	20.01	49.04	837.6	307.5	798.8	2286.

#1	-14.65	.4709	-.2318	.4558	.0906	10.17
#2	-16.41	1.077	.5408	.0409	-.0151	-6.493
#3	-10.93	.5171	-.1565	-.1812	-.0483	-2.531

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0730	-.0545	-.0483	1.310	10.96	7.119
Stddev	.0868	.2575	.1979	4.097	8.85	18.28
%RSD	119.0	472.2	409.8	312.7	80.75	256.8

#1	.1199	.2297	.1673	.1733	6.295	27.57
#2	-.0272	-.2721	-.2218	5.855	21.17	1.425
#3	.1263	-.1212	-.0904	-2.098	5.419	-7.639

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 13:33:05 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.655	.1729	83.92	-.2992	.4489	4.642
Stddev	.903	.0544	28.87	.1495	1.022	2.291
%RSD	34.00	31.50	34.40	49.98	227.8	49.35

#1	3.592	.2149	117.0	-.3493	-.4924	2.435
#2	2.582	.1923	63.70	-.4173	1.536	7.008
#3	1.791	.1114	71.08	-.1311	.3026	4.482

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0906	-1.231	.5407	.0049	2.541	4.298
Stddev	1.199	.689	.5791	.1339	.899	.548
%RSD	1324.	55.99	107.1	2760.	35.38	12.74

#1	-.9731	-1.526	.9518	.0440	3.501	4.318
#2	1.275	-.4435	.7919	-.1443	2.404	4.835
#3	-.5734	-1.724	-.1217	.1148	1.719	3.740

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 13:33:05 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2177	-.0206	2.419
Stddev	.8818	.1435	1.539
%RSD	405.0	696.2	63.61

#1	.7577	.1227	3.999
#2	-.4526	-.1642	2.333
#3	-.9583	-.0203	.9250

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2547.4	38970.	5989.3
Stddev	1.8	67.	19.1
%RSD	.06976	.17293	.31817

#1	2549.4	39047.	5987.3
#2	2546.3	38924.	5971.3
#3	2546.3	38938.	6009.2

Sample Name: mb 460-86956/1-b Acquired: 9/22/2011 13:36:59 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.832	1.562	-.6588	-.2509	.0666	-16.89
Stddev	6.700	.223	.4278	.1342	.0858	11.58
%RSD	138.6	14.27	64.93	53.48	128.8	68.55

#1	-12.56	1.422	-.2198	-.1125	.0716	-29.90
#2	-.7534	1.819	-1.074	-.3803	.1499	-7.687
#3	-1.179	1.444	-.6823	-.2598	-.0215	-13.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0121	.0997	.2193	-.1294	14.21	121.0
Stddev	.0448	.1743	.1001	2.343	8.21	39.6
%RSD	371.6	174.8	45.66	1810.	57.76	32.72

#1	.0636	.2077	.3311	1.480	14.47	89.08
#2	-.0096	-.1014	.1381	.9494	22.29	165.3
#3	-.0179	.1928	.1886	-2.818	5.879	108.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86956/1-b Acquired: 9/22/2011 13:36:59 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.549	.0213	55.43	-.0041	.6913	1.737
Stddev	.745	.0209	10.44	.6123	.8360	.834
%RSD	29.23	97.89	18.84	15030.	120.9	48.00

#1	-3.378	.0148	59.65	-.6744	1.263	1.537
#2	-1.937	.0447	63.10	.1366	-.2681	1.022
#3	-2.331	.0045	43.54	.5256	1.079	2.653

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8826	-.5642	.1429	-.5290	.2565	.3774
Stddev	2.250	1.258	.1404	.2137	.5623	.3638
%RSD	254.9	222.9	98.24	40.40	219.2	96.41

#1	-2.304	.5943	.1411	-.2898	-.0960	.0973
#2	-2.055	-1.902	.2842	-.5960	-.0394	.7886
#3	1.711	-.3855	.0034	-.7011	.9051	.2463

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86956/1-b Acquired: 9/22/2011 13:36:59 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0880	-.1032	-1.325
Stddev	.0880	.1543	.933
%RSD	100.0	149.6	70.40

#1	-.1503	-.2602	-1.757
#2	.0127	.0483	-1.964
#3	-.1264	-.0975	-.2545

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2570.6	39143.	6025.0
Stddev	10.9	83.	29.7
%RSD	.42348	.21114	.49213

#1	2582.1	39235.	6058.5
#2	2569.2	39120.	6002.4
#3	2560.5	39075.	6014.0

Sample Name: lcs 460-86962/2-a Acquired: 9/22/2011 13:40:37 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1971.	1915.	47.13	2020.	48.54	20650.
Stddev	19.	8.	.60	7.	.09	45.
%RSD	.9630	.4047	1.278	.3484	.1859	.2197

#1	1954.	1919.	46.48	2026.	48.50	20690.
#2	1992.	1919.	47.66	2023.	48.64	20600.
#3	1968.	1906.	47.26	2012.	48.47	20650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.31	510.0	201.0	252.3	1023.	19270.
Stddev	.17	1.6	.8	4.6	12.	42.
%RSD	.3378	.3133	.4160	1.813	1.146	.2164

#1	51.45	511.5	201.6	257.5	1031.	19310.
#2	51.35	510.0	201.3	250.1	1029.	19230.
#3	51.12	508.4	200.0	249.2	1010.	19280.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-86962/2-a Acquired: 9/22/2011 13:40:37 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19700.	521.9	19510.	521.0	522.8	486.9
Stddev	62.	2.5	80.	3.3	.6	6.6
%RSD	.3160	.4809	.4123	.6289	.1062	1.362

#1	19760.	524.3	19600.	524.0	523.2	492.5
#2	19720.	522.0	19480.	521.4	522.9	488.5
#3	19640.	519.3	19450.	517.5	522.1	479.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1898.	2165.	493.5	515.3	541.8	500.1
Stddev	8.	6.	2.0	2.7	1.0	3.6
%RSD	.4352	.2884	.4098	.5182	.1762	.7190

#1	1902.	2163.	494.9	517.2	542.8	503.1
#2	1903.	2172.	494.5	516.5	541.6	501.1
#3	1889.	2160.	491.2	512.3	540.9	496.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-86962/2-a Acquired: 9/22/2011 13:40:37 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	503.8	478.6	492.7
Stddev	4.5	.8	1.2
%RSD	.8910	.1576	.2461

#1	505.9	479.4	491.7
#2	506.9	478.4	492.4
#3	498.7	478.0	494.1

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2506.0	37961.	6010.9
Stddev	2.9	21.	19.6
%RSD	.11675	.05461	.32632

#1	2508.1	37952.	5990.3
#2	2502.6	37985.	6029.4
#3	2507.2	37947.	6012.9

Sample Name: 460-31362-b-2-c du Acquired: 9/22/2011 13:43:56 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1460.	5.081	-.0697	2.023	.1032	2577.
Stddev	13.	.750	.9426	.119	.1955	25.
%RSD	.9003	14.75	1353.	5.895	189.5	.9672

#1	1475.	5.943	.9708	2.131	.1040	2570.
#2	1454.	4.719	-.8666	1.895	.2982	2556.
#3	1450.	4.581	-.3132	2.044	-.0927	2604.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0435	-.8521	-.2187	4.476	93.69	10900.
Stddev	.0735	.0799	.1526	.147	4.76	69.
%RSD	169.1	9.375	69.77	3.278	5.081	.6333

#1	.0200	-.9137	-.3693	4.621	99.11	10850.
#2	-.0155	-.7618	-.0642	4.327	91.75	10870.
#3	.1258	-.8808	-.2226	4.481	90.19	10980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-c du Acquired: 9/22/2011 13:43:56 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9723.	1.221	F 461600.	.5007	1.047	-.2813
Stddev	51.	.074	3267.	.6744	1.680	.8459
%RSD	.5272	6.045	.7077	134.7	160.5	300.7

#1	9692.	1.144	465300.	1.279	-.1306	.5957
#2	9695.	1.225	459100.	.1219	2.970	-.3472
#3	9782.	1.292	460400.	.1009	.3007	-1.092

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6252	-2.412	.7997	1.333	635.9	3.400
Stddev	1.423	.672	.4319	.063	7.2	.185
%RSD	227.6	27.86	54.02	4.749	1.128	5.429

#1	1.437	-1.654	.3010	1.353	637.9	3.242
#2	1.457	-2.933	1.040	1.384	641.8	3.355
#3	-1.018	-2.651	1.058	1.262	627.9	3.603

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-c du Acquired: 9/22/2011 13:43:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.5680	6.802	-.1071
Stddev	.6347	.026	1.513
%RSD	111.7	.3868	1412.

#1	-.8827	6.792	.7414
#2	.1626	6.782	.7911
#3	-.9837	6.832	-1.854

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2461.3	35871.	6068.7
Stddev	9.6	285.	24.8
%RSD	.38998	.79497	.40847

#1	2472.3	36185.	6096.7
#2	2456.5	35803.	6060.1
#3	2455.0	35627.	6049.4

Sample Name: 460-31362-b-2-b Acquired: 9/22/2011 13:47:48 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1462.	3.319	-.2275	2.052	.0603	2592.
Stddev	3.	1.556	.6380	.041	.0381	15.
%RSD	.2034	46.87	280.4	2.017	63.29	.5774

#1	1463.	1.891	.3153	2.021	.0199	2608.
#2	1464.	3.090	-.0676	2.037	.0651	2590.
#3	1459.	4.977	-.9303	2.099	.0957	2578.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0594	-.4969	-.2226	2.175	104.9	11010.
Stddev	.0199	.1705	.3214	1.171	6.4	18.
%RSD	33.42	34.30	144.4	53.85	6.104	.1605

#1	.0399	-.3003	-.5715	1.554	108.0	11000.
#2	.0796	-.5879	-.1575	3.526	109.2	11000.
#3	.0588	-.6026	.0613	1.445	97.57	11030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-b Acquired: 9/22/2011 13:47:48 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9704.	1.153	F 466800.	.4309	.9755	2.630
Stddev	22.	.042	7154.	.3597	2.253	1.434
%RSD	.2298	3.680	1.533	83.47	230.9	54.51
#1	9679.	1.123	473600.	.7864	-1.115	1.481
#2	9723.	1.202	459400.	.0672	3.361	2.173
#3	9709.	1.135	467500.	.4391	.6809	4.237
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9473	1.515	1.032	1.255	639.3	2.307
Stddev	2.449	.823	.317	.100	2.7	.152
%RSD	258.6	54.29	30.76	7.927	.4209	6.581
#1	1.577	2.267	.7824	1.356	637.1	2.481
#2	-1.106	.6362	1.389	1.254	638.4	2.208
#3	-3.313	1.643	.9241	1.157	642.3	2.230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-b Acquired: 9/22/2011 13:47:48 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3513	6.881	-1.793
Stddev	.2114	.081	1.832
%RSD	60.18	1.172	102.2

#1	.5937	6.856	-2.520
#2	.2051	6.817	-3.151
#3	.2550	6.972	.2905

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2445.1	35585.	6022.3
Stddev	10.2	75.	9.9
%RSD	.41757	.21202	.16439

#1	2455.8	35671.	6024.3
#2	2443.8	35534.	6031.0
#3	2435.5	35549.	6011.5

Sample Name: sd 460-31362-b-2-b@5 Acquired: 9/22/2011 13:51:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	283.7	3.637	-.8535	.2530	-.0896	497.6
Stddev	6.0	.896	.7753	.0996	.0856	32.1
%RSD	2.104	24.65	90.85	39.37	95.54	6.448
#1	279.3	4.635	-1.280	.3671	-.0333	534.2
#2	281.4	3.376	.0415	.1838	-.1882	484.1
#3	290.5	2.900	-1.322	.2079	-.0474	474.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0891	-.2263	-.1170	.8381	36.38	2051.
Stddev	.0508	.0169	.2897	1.098	2.74	43.
%RSD	57.06	7.463	247.5	131.0	7.542	2.087
#1	.1431	-.2457	-.3960	-.0626	33.66	2071.
#2	.0819	-.2162	-.1373	2.061	36.34	2080.
#3	.0422	-.2169	.1822	.5157	39.15	2002.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31362-b-2-b@5 Acquired: 9/22/2011 13:51:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1918.	.2354	98180.	.2100	.4540	1.586
Stddev	13.	.0615	152.	.0929	.6647	.462
%RSD	.6691	26.13	.1546	44.22	146.4	29.12

#1	1906.	.3048	98030.	.1882	-.3001	1.812
#2	1932.	.1877	98330.	.3119	.7072	1.055
#3	1915.	.2136	98190.	.1300	.9549	1.892

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4043	-.8877	.3117	4.234	128.0	.6609
Stddev	2.873	1.244	.1526	.057	1.5	.1492
%RSD	710.6	140.1	48.95	1.339	1.185	22.58

#1	-2.208	.4398	.4713	4.298	129.3	.5259
#2	-.0603	-2.025	.2965	4.189	128.2	.8211
#3	3.481	-1.077	.1673	4.217	126.3	.6356

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31362-b-2-b@5 Acquired: 9/22/2011 13:51:45 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.8420	1.124	.3219
Stddev	.6128	.141	.4627
%RSD	72.78	12.54	143.8

#1	-1.065	1.241	.3320
#2	-1.312	1.163	-.1458
#3	-.1489	.9676	.7794

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2504.6	37296.	6004.3
Stddev	6.0	225.	13.8
%RSD	.23986	.60309	.23064

#1	2497.8	37535.	5994.8
#2	2508.9	37088.	5997.9
#3	2507.3	37267.	6020.2

Sample Name: 460-31362-b-2-d.ms Acquired: 9/22/2011 13:55:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3399.	2038.	43.89	1990.	49.40	23590.
Stddev	22.	9.	1.75	7.	.26	80.
%RSD	.6462	.4650	3.996	.3660	.5300	.3382

#1	3396.	2040.	44.41	1983.	49.11	23510.
#2	3379.	2047.	45.32	1989.	49.62	23580.
#3	3423.	2028.	41.93	1998.	49.46	23670.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.27	504.8	207.1	255.6	1141.	30960.
Stddev	.18	.4	.4	1.0	7.	232.
%RSD	.3574	.0886	.1917	.4087	.6535	.7496

#1	51.08	504.3	207.0	255.7	1137.	30690.
#2	51.28	505.0	207.5	256.7	1150.	31070.
#3	51.45	505.1	206.7	254.6	1137.	31110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-d ms Acquired: 9/22/2011 13:55:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29310.	531.0	F 473600.	515.1	510.0	361.9
Stddev	40.	1.1	3484.	.4	2.7	35.7
%RSD	.1371	.2032	.7358	.0806	.5279	9.860

#1	29260.	529.9	470200.	515.1	507.0	395.9
#2	29320.	531.2	477200.	514.7	512.0	365.0
#3	29340.	532.0	473400.	515.5	511.2	324.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2062.	1986.	515.1	531.9	1161.	475.2
Stddev	14.	13.	2.0	1.6	3.	6.9
%RSD	.6578	.6690	.3969	.2945	.2644	1.450

#1	2069.	1979.	513.7	530.2	1162.	479.6
#2	2071.	1977.	517.4	532.4	1164.	478.8
#3	2047.	2001.	514.1	533.2	1158.	467.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-d ms Acquired: 9/22/2011 13:55:35 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	459.2	487.9	499.5
Stddev	10.5	3.8	2.0
%RSD	2.285	.7690	.3927

#1	471.0	483.8	501.4
#2	455.7	489.0	499.6
#3	450.9	491.0	497.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2437.0	35579.	6030.2
Stddev	11.7	173.	51.7
%RSD	.48203	.48738	.85809

#1	2448.4	35776.	6089.1
#2	2437.5	35450.	6009.2
#3	2425.0	35510.	5992.2

Sample Name: 460-31299-n-1-a Acquired: 9/22/2011 13:59:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.00	6.514	.3057	517.0	-.0518	49220.
Stddev	17.87	.895	.7545	2.2	.1020	71.
%RSD	105.1	13.74	246.8	.4239	196.7	.1445

#1	6.038	6.163	.4133	518.1	-.1335	49170.
#2	37.63	5.848	-.4968	518.4	.0625	49300.
#3	7.346	7.531	1.001	514.5	-.0845	49200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0724	.2091	1.114	8.393	27.36	1103.
Stddev	.1091	.1579	.298	2.556	3.42	32.
%RSD	150.7	75.55	26.81	30.46	12.50	2.905

#1	.0097	.2178	1.457	11.02	23.53	1067.
#2	.1984	.3624	.9693	5.918	28.48	1115.
#3	.0091	.0469	.9147	8.237	30.09	1128.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31299-n-1-a Acquired: 9/22/2011 13:59:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9066.	.6235	12140.	.6245	2.889	6.869
Stddev	16.	.0369	18.	.2650	.817	1.454
%RSD	.1718	5.925	.1451	42.43	28.29	21.17

#1	9073.	.6290	12160.	.7110	3.803	6.065
#2	9077.	.5842	12140.	.3271	2.635	8.548
#3	9048.	.6574	12130.	.8355	2.229	5.995

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8090	-1.235	8.043	10.08	71.97	4.995
Stddev	1.951	1.232	.324	.24	1.23	.668
%RSD	241.1	99.73	4.028	2.420	1.713	13.38

#1	.7855	-1.545	8.344	10.29	73.31	5.699
#2	2.771	-2.283	8.086	10.13	71.73	4.917
#3	-1.130	.1221	7.700	9.813	70.88	4.369

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31299-n-1-a Acquired: 9/22/2011 13:59:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	8.933	184.0	6.524
Stddev	2.867	.5	1.082
%RSD	32.10	.2542	16.58

#1	10.37	184.0	6.541
#2	10.80	184.5	5.434
#3	5.631	183.6	7.597

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2507.6	38014.	5996.2
Stddev	2.0	172.	18.6
%RSD	.07838	.45360	.31061

#1	2509.8	38049.	6017.3
#2	2506.7	38166.	5988.9
#3	2506.2	37827.	5982.2

Sample Name: 460-31317-a-1-d du@5 Acquired: 9/22/2011 14:03:02 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	354.3	4.328	-.5320	41.22	.1395	3575.
Stddev	13.2	1.133	.1914	.32	.1228	13.
%RSD	3.727	26.18	35.98	.7732	88.06	.3713

#1	339.4	3.621	-.6681	41.44	.2736	3571.
#2	359.1	5.635	-.3132	41.38	.0326	3590.
#3	364.5	3.729	-.6147	40.86	.1121	3564.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.527	-.1111	.8350	42.32	293.3	611.0
Stddev	.009	.1287	.3936	.52	11.5	28.5
%RSD	.2623	115.8	47.14	1.230	3.922	4.664

#1	3.516	-.2221	.8722	41.83	305.6	604.6
#2	3.529	.0300	.4242	42.26	291.6	642.2
#3	3.534	-.1413	1.209	42.87	282.8	586.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31317-a-1-d du@5 Acquired: 9/22/2011 14:03:02 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	835.7	22.89	F 258900.	2.486	1926.	12.62
Stddev	3.6	.18	1600.	.415	3.	.23
%RSD	.4359	.8073	.6180	16.68	.1566	1.791
#1	839.5	23.09	259200.	2.340	1929.	12.36
#2	832.2	22.73	260300.	2.954	1926.	12.79
#3	835.5	22.85	257100.	2.164	1923.	12.71
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.701	-2.946	.8907	59.36	40.85	.4904
Stddev	2.583	1.090	.5179	.35	1.09	.1081
%RSD	151.9	37.00	58.14	.5957	2.671	22.05
#1	.8057	-1.692	.8534	59.75	40.81	.5216
#2	-1.553	-3.671	1.426	59.26	41.96	.3701
#3	-4.354	-3.476	.3925	59.06	39.78	.5795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31317-a-1-d du@5 Acquired: 9/22/2011 14:03:02 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2580	7.043	10.69
Stddev	.3923	.132	2.67
%RSD	152.1	1.872	24.99

#1	.3455	6.902	9.137
#2	.5991	7.164	13.77
#3	-.1707	7.061	9.156

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2422.2	35973.	5913.6
Stddev	1.2	153.	14.6
%RSD	.04821	.42416	.24624

#1	2423.6	35811.	5930.3
#2	2421.6	36114.	5903.1
#3	2421.5	35993.	5907.6

Sample Name: 460-31317-a-1-c@5 Acquired: 9/22/2011 14:06:48 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	369.8	1.804	.0430	41.00	.1047	3550.
Stddev	19.1	2.428	.1076	.37	.1762	9.
%RSD	5.157	134.6	250.4	.8975	168.3	.2548

#1	347.8	1.884	.0460	41.07	.2908	3560.
#2	380.1	-.6634	-.0661	41.33	-.0597	3545.
#3	381.5	4.191	.1490	40.61	.0829	3545.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.544	-.0851	.4383	44.47	291.7	563.1
Stddev	.126	.3917	.4551	2.12	4.1	50.0
%RSD	3.566	460.1	103.8	4.758	1.395	8.871

#1	3.687	.1464	.8245	46.88	296.3	532.0
#2	3.497	-.5374	-.0635	42.94	290.3	536.5
#3	3.448	.1356	.5538	43.58	288.5	620.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31317-a-1-c@5 Acquired: 9/22/2011 14:06:48 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	830.5	22.61	F 257100.	2.362	1918.	10.63
Stddev	7.3	.16	1046.	.126	17.	.90
%RSD	.8733	.6995	.4067	5.335	.8647	8.498

#1	838.4	22.59	255900.	2.219	1924.	10.82
#2	824.2	22.77	257600.	2.411	1930.	11.42
#3	828.8	22.46	257800.	2.456	1899.	9.646

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1024	-2.003	1.284	45.90	39.98	.2979
Stddev	1.952	.377	.310	.55	.87	.2265
%RSD	1907.	18.82	24.15	1.191	2.185	76.02

#1	-1.893	-1.754	.9385	46.19	40.48	.2439
#2	.1920	-2.436	1.538	46.23	40.49	.1033
#3	2.008	-1.818	1.374	45.27	38.97	.5465

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31317-a-1-c@5 Acquired: 9/22/2011 14:06:48 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1835	7.015	13.91
Stddev	.7007	.152	3.52
%RSD	381.9	2.164	25.27

#1	.1187	7.050	12.70
#2	.3154	7.146	17.87
#3	-.9845	6.848	11.16

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2426.6	35969.	5921.0
Stddev	5.5	76.	26.6
%RSD	.22620	.21248	.44977

#1	2423.7	36035.	5948.7
#2	2423.1	35885.	5918.7
#3	2432.9	35987.	5895.6

Sample Name: sd 460-31317-a-1-c@2 Acquired: 9/22/2011 14:10:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	79.27	2.170	-.7272	8.132	-.0436	692.2
Stddev	12.57	1.989	.5645	.128	.0599	11.3
%RSD	15.86	91.66	77.63	1.575	137.4	1.630

#1	82.15	4.122	-1.180	8.271	-.0015	700.3
#2	65.50	.1453	-.0948	8.020	-.0171	697.1
#3	90.15	2.244	-.9064	8.103	-.1122	679.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7053	-.0017	.2699	10.23	56.87	102.4
Stddev	.0404	.0861	.1876	2.84	9.56	28.9
%RSD	5.725	5162.	69.49	27.73	16.82	28.20

#1	.6891	-.0803	.4644	6.980	49.79	72.26
#2	.7512	.0903	.0901	11.47	67.75	129.8
#3	.6754	-.0150	.2554	12.22	53.06	105.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31317-a-1-c@2 Acquired: 9/22/2011 14:10:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	163.3	4.411	52400.	.4875	386.9	2.039
Stddev	1.9	.096	421.	.5793	1.7	1.850
%RSD	1.184	2.176	.8042	118.8	.4437	90.72
#1	162.3	4.516	52130.	1.058	385.5	.8376
#2	165.6	4.389	52190.	.5045	386.4	4.169
#3	162.1	4.328	52890.	-.1001	388.8	1.110

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7070	-1.479	-.0356	9.319	7.804	.1384
Stddev	5.053	1.668	.6184	.067	.414	.1537
%RSD	714.7	112.7	1736.	.7173	5.305	111.1
#1	-.6321	.0752	.6384	9.308	7.819	-.0363
#2	-5.797	-3.241	-.5767	9.391	8.211	.2531
#3	4.308	-1.272	-.1686	9.259	7.383	.1982

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31317-a-1-c@2 Acquired: 9/22/2011 14:10:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.6017	1.270	1.232
Stddev	.6340	.023	1.403
%RSD	105.4	1.840	113.9

#1	-.4087	1.244	1.900
#2	-.0866	1.288	2.175
#3	-1.310	1.279	-.3804

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2509.5	37806.	5972.3
Stddev	2.0	144.	35.1
%RSD	.07865	.38045	.58805

#1	2511.2	37925.	5997.8
#2	2507.3	37846.	5986.8
#3	2509.9	37646.	5932.2

Sample Name: CCV Acquired: 9/22/2011 14:14:26 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123100.	2483.	1238.	10090.	977.2	125700.
Stddev	246.	12.	6.	30.	3.4	352.
%RSD	.1993	.5013	.4630	.2986	.3460	.2803

#1	123300.	2484.	1242.	10070.	980.4	125900.
#2	122900.	2495.	1241.	10130.	977.4	125900.
#3	123300.	2470.	1232.	10080.	973.7	125300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1264.	2503.	5018.	12310.	100800.	49780.
Stddev	4.	6.	8.	23.	469.	149.
%RSD	.2933	.2449	.1525	.1851	.4652	.2985

#1	1262.	2499.	5024.	12330.	101100.	49890.
#2	1269.	2510.	5021.	12300.	101100.	49830.
#3	1262.	2501.	5010.	12290.	100300.	49610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 14:14:26 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	5073.	123100.	2539.	7562.	1010.
Stddev	223.	20.	753.	7.	19.	5.
%RSD	.1786	.3948	.6121	.2878	.2569	.4520

#1	124500.	5054.	123600.	2535.	7548.	1009.
#2	124800.	5094.	123500.	2548.	7584.	1015.
#3	124400.	5069.	122200.	2535.	7554.	1007.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2449.	2568.	2496.	2516.	1000.	2529.
Stddev	1.	5.	13.	8.	3.	11.
%RSD	.0319	.1988	.5340	.3354	.2958	.4318

#1	2450.	2572.	2504.	2511.	997.3	2528.
#2	2448.	2570.	2504.	2525.	1003.	2540.
#3	2448.	2562.	2481.	2511.	999.9	2519.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 14:14:26 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1011.	4959.	9813.
Stddev	5.	16.	10.
%RSD	.4652	.3294	.0976

#1	1010.	4971.	9823.
#2	1016.	4965.	9804.
#3	1006.	4940.	9812.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2346.0	35369.	5856.3
Stddev	7.5	94.	16.6
%RSD	.31891	.26555	.28339

#1	2354.7	35405.	5875.4
#2	2341.9	35262.	5845.9
#3	2341.5	35439.	5847.5

Sample Name: CCB Acquired: 9/22/2011 14:18:01 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-14.16	.2584	.0080	.0627	.0177	-6.032
Stddev	1.95	1.785	.1464	.1584	.1051	6.560
%RSD	13.77	690.7	1839.	252.5	593.3	108.7

#1	-15.71	-1.219	-.1180	.2317	.1386	.1428
#2	-11.97	-.2474	.1686	-.0822	-.0521	-12.92
#3	-14.79	2.241	-.0267	.0385	-.0334	-5.320

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1289	-.1315	.4412	2.500	11.21	-11.41
Stddev	.0377	.1402	.1643	1.926	6.36	26.23
%RSD	29.26	106.6	37.25	77.06	56.77	230.0

#1	.0915	-.1363	.4573	4.580	18.52	-7.398
#2	.1283	.0110	.5969	.7764	6.872	-39.42
#3	.1669	-.2692	.2694	2.144	8.243	12.59

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 14:18:01 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7738	.1126	87.40	-.2701	-.1370	4.994
Stddev	1.984	.0551	26.37	.1517	.6589	1.593
%RSD	256.3	48.89	30.17	56.16	481.0	31.91

#1	-.6851	.1455	110.2	-.2680	.4157	6.833
#2	3.033	.0491	58.51	-.4228	.0396	4.043
#3	-.0260	.1433	93.51	-.1195	-.8661	4.105

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0228	-.7188	.0792	.0433	1.806	4.557
Stddev	2.884	.9902	.2295	.0602	.376	.380
%RSD	12650.	137.8	289.8	138.9	20.80	8.328

#1	-2.960	-1.625	-.1020	.0139	2.077	4.902
#2	2.805	-.8700	.0023	.1126	1.962	4.618
#3	.0861	.3384	.3373	.0036	1.377	4.151

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 14:18:01 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4901	-.0939	3.764
Stddev	.6112	.0207	.484
%RSD	124.7	22.02	12.87

#1	.2047	-.0708	4.121
#2	-.7304	-.1107	3.958
#3	-.9446	-.1003	3.213

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2547.2	39017.	5979.7
Stddev	3.4	12.	26.4
%RSD	.13473	.03174	.44125

#1	2547.3	39031.	5995.0
#2	2543.8	39011.	5994.9
#3	2550.6	39009.	5949.3

Sample Name: mb 460-86959/1-a Acquired: 9/22/2011 14:21:54 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-14.62	.2916	.1855	-.2644	-.0569	1.456
Stddev	11.81	3.309	.1479	.0643	.0779	5.046
%RSD	80.75	1135.	79.73	24.32	136.9	346.6
#1	-18.91	-3.190	.2218	-.1902	-.1463	-4.324
#2	-23.68	3.397	.0228	-.3035	-.0208	4.986
#3	-1.269	.6676	.3118	-.2996	-.0036	3.704

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0451	-.0518	.1249	1.770	20.89	105.6
Stddev	.0480	.0716	.5803	4.289	3.27	43.7
%RSD	106.4	138.2	464.5	242.3	15.65	41.40
#1	.0406	-.0238	.5343	-2.120	20.86	107.8
#2	.0953	.0015	-.5392	6.370	24.18	60.78
#3	-.0004	-.1332	.3798	1.061	17.64	148.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86959/1-a Acquired: 9/22/2011 14:21:54 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.596	.0922	66.91	.1782	.3681	2.286
Stddev	1.568	.0577	14.55	.1268	.8289	1.798
%RSD	60.38	62.53	21.75	71.16	225.2	78.66

#1	-2.753	.1263	56.67	.0482	.3881	.3652
#2	-4.080	.1248	60.49	.1847	1.187	3.929
#3	-.9560	.0256	83.56	.3015	-.4707	2.563

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.133	-.9689	.4839	-.2206	2.350	.7653
Stddev	2.343	1.630	.0413	.0942	.425	.1320
%RSD	109.8	168.2	8.529	42.70	18.08	17.24

#1	-.1190	-.2149	.5315	-.1558	2.306	.8142
#2	4.557	-2.839	.4600	-.1773	1.949	.6159
#3	1.962	.1473	.4601	-.3286	2.795	.8659

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86959/1-a Acquired: 9/22/2011 14:21:54 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2908	-.1129	-.7269
Stddev	.2467	.0606	2.011
%RSD	84.83	53.67	276.6

#1	-.2300	-.1105	-2.352
#2	-.5622	-.0536	1.522
#3	-.0802	-.1747	-1.350

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2576.9	39409.	6000.2
Stddev	1.0	34.	12.1
%RSD	.03837	.08646	.20204

#1	2577.9	39443.	6013.9
#2	2575.9	39374.	5995.9
#3	2576.8	39409.	5990.8

Sample Name: lcs 460-86959/2-a Acquired: 9/22/2011 14:25:45 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5195.	5051.	500.9	10660.	1022.	21780.
Stddev	24.	16.	2.7	28.	2.	59.
%RSD	.4702	.3138	.5411	.2642	.2143	.2709

#1	5217.	5057.	504.0	10680.	1025.	21850.
#2	5168.	5062.	499.0	10670.	1021.	21760.
#3	5199.	5033.	499.6	10630.	1021.	21740.

Check ?	None	Chk Pass	None	None	None	None
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1073.	1092.	5224.	1050.	1059.	20530.
Stddev	3.	4.	11.	6.	15.	118.
%RSD	.2693	.3853	.2110	.5333	1.429	.5738

#1	1076.	1095.	5232.	1055.	1076.	20670.
#2	1074.	1093.	5228.	1051.	1054.	20460.
#3	1070.	1087.	5211.	1044.	1046.	20480.

Check ?	None	None	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: lcs 460-86959/2-a Acquired: 9/22/2011 14:25:45 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20620.	1084.	20780.	1115.	5472.	1036.
Stddev	62.	4.	20.	4.	18.	8.
%RSD	.3013	.3682	.0957	.3495	.3253	.8124

#1	20690.	1089.	20800.	1117.	5487.	1041.
#2	20610.	1083.	20780.	1117.	5476.	1040.
#3	20570.	1082.	20760.	1110.	5452.	1026.

Check ?	None	None	None	Chk Pass	Chk Pass	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	996.0	1127.	522.7	1061.	1022.	1068.
Stddev	4.9	1.	1.8	2.	1.	5.
%RSD	.4878	.1292	.3422	.2111	.1377	.4794

#1	999.8	1128.	524.7	1063.	1022.	1073.
#2	997.6	1127.	522.1	1063.	1022.	1069.
#3	990.5	1125.	521.2	1059.	1020.	1063.

Check ?	Chk Pass	None	None	Chk Pass	None	None
Value						
Range						

Sample Name: lcs 460-86959/2-a Acquired: 9/22/2011 14:25:45 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	981.2	1036.	1011.
Stddev	5.0	2.	4.
%RSD	.5114	.1886	.4273

#1	981.1	1038.	1014.
#2	986.2	1034.	1013.
#3	976.1	1037.	1006.

Check ?	None	None	None
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2465.0	37687.	5965.3
Stddev	1.3	29.	19.9
%RSD	.05373	.07704	.33309

#1	2464.0	37668.	5942.4
#2	2464.5	37673.	5975.3
#3	2466.5	37721.	5978.1

Sample Name: 460-31317-a-1-e ms@5 Acquired: 9/22/2011 14:29:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1399.	1013.	99.82	2094.	202.1	7926.
Stddev	12.	3.	.72	6.	.8	49.
%RSD	.8241	.3187	.7197	.2660	.3798	.6207

#1	1404.	1015.	99.00	2099.	201.5	7896.
#2	1385.	1014.	100.2	2096.	201.9	7898.
#3	1407.	1009.	100.3	2088.	203.0	7982.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	215.3	209.8	1035.	248.9	476.8	4716.
Stddev	.9	.5	3.	2.8	10.4	70.
%RSD	.4054	.2365	.3103	1.126	2.193	1.482

#1	216.1	210.3	1034.	246.1	479.7	4648.
#2	215.5	209.8	1038.	248.7	465.2	4712.
#3	214.4	209.3	1032.	251.7	485.4	4788.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31317-a-1-e ms@5 Acquired: 9/22/2011 14:29:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4815.	235.4	F 266800.	217.8	2965.	216.7
Stddev	10.	.6	1194.	1.2	4.	1.4
%RSD	.2105	.2537	.4474	.5720	.1276	.6532
#1	4819.	234.9	265900.	218.5	2967.	215.7
#2	4822.	236.1	266500.	218.5	2967.	216.1
#3	4803.	235.1	268200.	216.3	2960.	218.3
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	205.1	208.8	105.3	258.8	238.7	209.4
Stddev	2.1	1.3	.1	.8	.5	1.5
%RSD	1.031	.5991	.1286	.2976	.2186	.7379
#1	207.5	210.2	105.2	259.5	239.1	210.9
#2	203.7	208.1	105.4	258.8	238.1	209.4
#3	204.1	208.0	105.4	258.0	239.0	207.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31317-a-1-e ms@5 Acquired: 9/22/2011 14:29:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	187.4	208.6	208.7
Stddev	1.5	.7	2.3
%RSD	.7757	.3480	1.104

#1	188.6	207.9	209.1
#2	187.9	208.5	206.2
#3	185.8	209.3	210.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2417.0	35662.	5894.5
Stddev	3.7	134.	44.0
%RSD	.15474	.37531	.74586

#1	2420.9	35786.	5929.1
#2	2413.4	35520.	5909.4
#3	2416.6	35680.	5845.0

Sample Name: pds 460-31317-a-1-c@ Acquired: 9/22/2011 14:32:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5145.	4844.	470.4	9660.	945.7	23680.
Stddev	28.	29.	1.5	50.	2.2	33.
%RSD	.5531	.5916	.3128	.5134	.2346	.1403
#1	5126.	4855.	471.0	9686.	945.5	23670.
#2	5178.	4867.	471.5	9692.	948.1	23720.
#3	5132.	4812.	468.7	9603.	943.7	23650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	989.9	985.4	4842.	1012.	1265.	19750.
Stddev	5.2	5.0	16.	5.	17.	101.
%RSD	.5283	.5085	.3339	.4643	1.342	.5116
#1	992.8	988.0	4854.	1012.	1284.	19640.
#2	993.1	988.5	4848.	1007.	1259.	19820.
#3	983.9	979.6	4824.	1016.	1253.	19800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31317-a-1-c@ Acquired: 9/22/2011 14:32:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19440.	1013.	F 281000.	1011.	6799.	978.4
Stddev	78.	5.	988.	4.	36.	2.0
%RSD	.4023	.4595	.3515	.4352	.5260	.2002

#1	19500.	1016.	280100.	1012.	6818.	980.5
#2	19480.	1016.	282100.	1014.	6822.	978.0
#3	19360.	1008.	280800.	1006.	6758.	976.6

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	952.4	971.6	491.0	1041.	977.4	982.8
Stddev	8.3	2.1	1.3	5.	4.6	6.5
%RSD	.8715	.2148	.2713	.5263	.4691	.6592

#1	958.7	973.6	491.3	1044.	978.4	987.1
#2	955.5	971.6	492.1	1045.	981.4	985.9
#3	943.0	969.5	489.5	1035.	972.4	975.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31317-a-1-c@ Acquired: 9/22/2011 14:32:51 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	958.4	953.6	966.2
Stddev	8.9	2.0	5.0
%RSD	.9297	.2113	.5125

#1	961.8	951.6	964.9
#2	965.1	955.6	971.7
#3	948.3	953.5	962.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2378.3	35512.	5854.6
Stddev	3.4	60.	14.6
%RSD	.14165	.16868	.24868

#1	2377.5	35458.	5867.7
#2	2375.4	35576.	5839.0
#3	2382.0	35502.	5857.2

Sample Name: lb 460-86707/1-b@5 Acquired: 9/22/2011 14:36:21 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.649	1.785	-.1003	.0255	.0442	-6.209
Stddev	17.21	1.332	.7812	.0862	.0917	5.936
%RSD	304.8	74.63	778.5	338.0	207.2	95.59

#1	7.774	3.159	.0505	.1137	.0399	-10.84
#2	-25.06	1.697	-.9460	.0212	.1380	.4823
#3	.3380	.4992	.5944	-.0585	-.0452	-8.272

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1469	.1596	.1424	5.151	12.03	195.5
Stddev	.1447	.2649	.5946	1.922	3.40	57.3
%RSD	98.46	166.0	417.6	37.32	28.24	29.33

#1	.2864	-.0599	.7537	2.935	15.77	218.3
#2	.1568	.4539	.1073	6.364	9.148	237.9
#3	-.0024	.0848	-.4339	6.154	11.16	130.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-86707/1-b@5 Acquired: 9/22/2011 14:36:21 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.433	.0211	170.6	-.0241	.3561	4.250
Stddev	4.478	.0322	41.8	.1193	.8517	.051
%RSD	312.4	152.8	24.47	494.8	239.2	1.190

#1	3.647	.0557	207.0	-.1160	1.323	4.209
#2	-4.807	-.0078	179.8	-.0671	-.2811	4.234
#3	-3.140	.0152	125.1	.1107	.0259	4.307

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2905	-1.325	-.3166	.1993	2.424	1.657
Stddev	1.601	.871	.3706	.1028	.587	.181
%RSD	551.2	65.72	117.1	51.58	24.22	10.93

#1	.0768	-.6080	-.0002	.1921	3.029	1.519
#2	1.988	-2.294	-.2253	.3055	1.857	1.591
#3	-1.193	-1.073	-.7242	.1003	2.384	1.862

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-86707/1-b@5 Acquired: 9/22/2011 14:36:21 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-1.4169	-0.0220	-1.514
Stddev	.7182	.1127	.756
%RSD	172.3	512.5	49.95

#1	.1893	-.0459	-.9120
#2	-.2300	.1008	-2.363
#3	-1.210	-.1208	-1.268

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2558.7	39185.	5952.4
Stddev	7.1	193.	8.9
%RSD	.27806	.49166	.14968

#1	2563.9	38972.	5955.9
#2	2561.7	39347.	5942.2
#3	2550.6	39236.	5959.0

Sample Name: 460-31207-d-8-a du Acquired: 9/22/2011 14:40:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	188.6	6.644	-4653	113.0	-1042	91490.
Stddev	27.3	.787	.9708	.7	.1176	176.
%RSD	14.47	11.85	208.6	.6500	112.9	.1927

#1	180.6	5.937	-.3478	113.6	-.0571	91670.
#2	219.0	7.493	.4414	113.2	-.0174	91310.
#3	166.3	6.501	-1.489	112.2	-.2381	91480.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0711	1.511	17.45	2.437	1610.	15880.
Stddev	.0711	.241	.24	2.288	10.	10.
%RSD	100.0	15.95	1.378	93.89	.5921	.0637

#1	.1524	1.563	17.29	4.828	1615.	15890.
#2	.0207	1.249	17.34	.2667	1615.	15880.
#3	.0401	1.722	17.73	2.218	1599.	15870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-d-8-a du Acquired: 9/22/2011 14:40:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20260.	758.6	F 339200.	1.880	1.994	1.442
Stddev	66.	1.9	1198.	.204	2.314	.149
%RSD	.3252	.2509	.3531	10.86	116.1	10.33

#1	20310.	759.3	340000.	1.741	1.712	1.504
#2	20280.	760.1	339800.	2.115	4.436	1.551
#3	20180.	756.5	337800.	1.785	-1.664	1.272

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0256	-1.023	3.643	2.246	332.1	.1598
Stddev	.5188	.761	.307	.227	2.7	.2532
%RSD	2023.	74.40	8.434	10.10	.8236	158.4

#1	-.4623	-.9307	3.811	2.051	333.4	-.0840
#2	-.1625	-1.825	3.830	2.495	334.0	.1420
#3	.5478	-.3118	3.289	2.192	329.0	.4215

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-d-8-a du Acquired: 9/22/2011 14:40:13 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.5587	537.6	17.36
Stddev	.2660	1.5	4.19
%RSD	47.62	.2705	24.16

#1	-.3091	538.7	17.78
#2	-.5282	536.0	12.98
#3	-.8386	538.2	21.33

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2375.7	34946.	5846.0
Stddev	5.0	36.	39.1
%RSD	.21163	.10260	.66966

#1	2373.0	34987.	5819.1
#2	2381.5	34927.	5890.9
#3	2372.6	34923.	5827.9

Sample Name: 460-31207-c-8-a Acquired: 9/22/2011 14:44:05 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	175.8	6.529	-.4124	112.3	-.0421	91180.
Stddev	20.9	.782	.1009	1.3	.0718	239.
%RSD	11.88	11.98	24.46	1.123	170.8	.2621

#1	190.1	7.429	-.4768	112.9	-.1225	90920.
#2	151.9	6.006	-.2962	113.1	-.0194	91220.
#3	185.5	6.153	-.4642	110.8	.0157	91390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0274	1.409	17.95	.9556	1636.	15880.
Stddev	.0565	.257	.43	2.028	10.	68.
%RSD	206.1	18.22	2.422	212.2	.5925	.4304

#1	-.0741	1.241	18.18	3.281	1643.	15850.
#2	.0354	1.281	18.21	-.4510	1641.	15830.
#3	-.0435	1.704	17.45	.0374	1625.	15960.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-8-a Acquired: 9/22/2011 14:44:05 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20110.	756.3	F 340600.	2.159	2.791	1.765
Stddev	69.	2.2	1662.	.280	.658	1.036
%RSD	.3412	.2929	.4879	12.94	23.57	58.66

#1	20080.	755.2	339000.	2.334	2.407	2.323
#2	20180.	758.9	340500.	2.308	2.416	2.403
#3	20050.	754.9	342300.	1.837	3.551	.5704

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.491	-.9574	3.911	2.132	328.8	.1852
Stddev	3.165	1.367	.691	.067	2.6	.1502
%RSD	212.2	142.8	17.66	3.149	.8001	81.08

#1	3.656	-1.589	3.728	2.173	328.8	.1694
#2	2.959	.6111	4.675	2.168	331.5	.0436
#3	-2.141	-1.894	3.331	2.054	326.3	.3428

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-8-a Acquired: 9/22/2011 14:44:05 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2864	535.7	18.73
Stddev	.0819	1.5	2.09
%RSD	28.58	.2803	11.17

#1	-.2572	534.0	18.33
#2	-.3788	536.7	20.99
#3	-.2231	536.5	16.87

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2371.0	34824.	5819.8
Stddev	6.2	54.	30.5
%RSD	.26130	.15486	.52389

#1	2377.4	34883.	5844.7
#2	2365.0	34813.	5829.0
#3	2370.6	34777.	5785.8

Sample Name: sd 460-31207-c-8-a@5 Acquired: 9/22/2011 14:47:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27.50	3.427	-.0827	22.14	.0628	18230.
Stddev	10.80	1.677	.7976	.16	.0281	71.
%RSD	39.28	48.94	964.5	.7418	44.81	.3902
#1	16.55	4.215	.8096	22.31	.0791	18160.
#2	38.14	1.501	-.3312	22.14	.0789	18300.
#3	27.80	4.564	-.7264	21.98	.0303	18240.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0885	.1601	3.229	.7700	319.3	3148.
Stddev	.0855	.2125	.165	.9831	16.0	27.
%RSD	96.69	132.7	5.102	127.7	5.016	.8702
#1	.0234	-.0199	3.054	.7841	307.0	3150.
#2	.1853	.3944	3.251	1.746	313.4	3120.
#3	.0566	.1056	3.381	-.2201	337.4	3175.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31207-c-8-a@5 Acquired: 9/22/2011 14:47:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3980.	147.2	69240.	.1359	.9004	1.225
Stddev	8.	.5	279.	.4271	2.076	1.494
%RSD	.1930	.3469	.4025	314.3	230.6	121.9

#1	3973.	147.4	68920.	.3393	2.858	1.008
#2	3988.	147.6	69360.	.4232	1.120	2.816
#3	3980.	146.6	69440.	-.3549	-1.276	-.1479

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.980	-1.803	.5894	.7238	65.16	-.0384
Stddev	1.096	.973	.1033	.2000	.36	.2826
%RSD	55.37	53.97	17.52	27.64	.5483	735.9

#1	3.070	-1.654	.5286	.9014	64.79	.1442
#2	1.992	-.9129	.7086	.5071	65.51	-.3640
#3	.8775	-2.842	.5310	.7629	65.17	.1046

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31207-c-8-a@5 Acquired: 9/22/2011 14:47:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.9092	105.1	1.859
Stddev	.8371	.5	1.258
%RSD	92.07	.5009	67.69

#1	-.0693	104.5	.9827
#2	-.9149	105.6	3.301
#3	-1.743	105.2	1.293

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2475.7	37135.	5854.8
Stddev	1.5	54.	34.0
%RSD	.06087	.14444	.58111

#1	2474.7	37073.	5893.7
#2	2477.4	37171.	5830.5
#3	2474.9	37161.	5840.1

Sample Name: 460-31207-a-8-a.ms Acquired: 9/22/2011 14:51:45 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2127.	2031.	47.87	2136.	49.36	111100.
Stddev	12.	14.	1.30	14.	.21	395.
%RSD	.5653	.7076	2.711	.6774	.4338	.3558

#1	2131.	2041.	49.28	2147.	49.46	111400.
#2	2136.	2038.	47.59	2141.	49.52	111200.
#3	2113.	2015.	46.73	2119.	49.12	110600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.31	498.2	221.1	250.9	2629.	35870.
Stddev	.46	4.0	1.0	1.2	13.	106.
%RSD	.9235	.8066	.4374	.4945	.5082	.2954

#1	50.66	500.4	222.1	249.9	2639.	35920.
#2	50.49	500.6	221.2	250.4	2633.	35940.
#3	49.78	493.5	220.1	252.3	2613.	35750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-a-8-a.ms Acquired: 9/22/2011 14:51:45 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39640.	1279.	F 357800.	506.9	502.6	505.5
Stddev	120.	5.	4491.	3.8	4.4	4.5
%RSD	.3018	.3757	1.255	.7554	.8684	.8951

#1	39740.	1283.	363000.	509.4	505.7	509.0
#2	39670.	1280.	355900.	508.7	504.5	507.1
#3	39510.	1274.	354600.	502.5	497.6	500.4

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1786.	1956.	514.9	509.3	840.3	514.4
Stddev	5.	14.	2.9	3.4	4.0	4.6
%RSD	.2911	.6978	.5617	.6667	.4718	.8850

#1	1787.	1966.	518.0	512.5	842.4	517.3
#2	1790.	1961.	514.4	509.8	842.7	516.7
#3	1780.	1940.	512.3	505.7	835.7	509.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-a-8-a.ms Acquired: 9/22/2011 14:51:45 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	507.3	1019.	526.1
Stddev	3.3	4.	.5
%RSD	.6445	.4096	.0876

#1	508.3	1021.	526.6
#2	510.0	1021.	525.8
#3	503.7	1014.	525.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2357.3	34818.	5847.7
Stddev	4.9	103.	15.8
%RSD	.20636	.29509	.27010

#1	2352.2	34701.	5829.5
#2	2357.7	34859.	5857.8
#3	2361.9	34895.	5855.8

Sample Name: pds 460-31207-c-8-a Acquired: 9/22/2011 14:55:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2099.	1953.	47.69	2051.	48.54	107800.
Stddev	28.	19.	.22	19.	.30	632.
%RSD	1.353	.9515	.4667	.9166	.6285	.5861

#1	2067.	1964.	47.56	2061.	48.81	108000.
#2	2107.	1964.	47.57	2062.	48.21	107100.
#3	2122.	1932.	47.95	2029.	48.59	108300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.35	489.0	218.3	247.4	2590.	35110.
Stddev	.53	4.7	.7	2.4	12.	322.
%RSD	1.064	.9655	.3213	.9737	.4581	.9162

#1	49.76	492.8	218.1	244.9	2603.	35270.
#2	49.52	490.5	219.0	247.6	2580.	34740.
#3	48.76	483.8	217.7	249.7	2586.	35320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31207-c-8-a Acquired: 9/22/2011 14:55:23 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38820.	1248.	F 346700.	498.0	493.5	492.3
Stddev	71.	2.	1179.	5.0	3.9	7.5
%RSD	.1817	.1517	.3402	1.003	.7958	1.518

#1	38870.	1250.	347600.	501.3	494.7	499.8
#2	38860.	1249.	345400.	500.3	496.7	492.4
#3	38740.	1246.	347200.	492.2	489.1	484.8

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1902.	1939.	508.5	500.8	851.8	494.5
Stddev	18.	9.	1.8	5.2	6.2	6.2
%RSD	.9653	.4734	.3528	1.033	.7230	1.248

#1	1916.	1944.	509.9	504.4	856.0	499.0
#2	1908.	1946.	506.5	503.1	854.7	497.1
#3	1881.	1929.	509.2	494.9	844.7	487.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31207-c-8-a Acquired: 9/22/2011 14:55:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	487.3	991.0	508.4
Stddev	6.7	7.2	1.3
%RSD	1.381	.7249	.2631

#1	492.8	993.9	508.4
#2	489.4	982.9	507.0
#3	479.8	996.4	509.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2367.9	34886.	5876.3
Stddev	2.4	140.	25.8
%RSD	.10088	.40160	.43950

#1	2365.4	35000.	5881.0
#2	2370.1	34929.	5899.5
#3	2368.2	34729.	5848.4

Sample Name: CCV Acquired: 9/22/2011 14:59:04 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123600.	2489.	1249.	10090.	982.1	126700.
Stddev	409.	9.	3.	46.	2.3	259.
%RSD	.3309	.3654	.2098	.4512	.2353	.2043

#1	123400.	2495.	1250.	10130.	982.5	126700.
#2	124000.	2494.	1252.	10110.	984.2	127000.
#3	123300.	2479.	1246.	10040.	979.6	126500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1266.	2502.	5028.	12380.	101800.	50550.
Stddev	6.	11.	16.	30.	343.	112.
%RSD	.4615	.4445	.3219	.2443	.3369	.2215

#1	1271.	2511.	5027.	12380.	101800.	50570.
#2	1268.	2504.	5045.	12410.	102100.	50660.
#3	1260.	2490.	5013.	12350.	101400.	50440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 14:59:04 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125000.	5100.	125000.	2541.	7570.	1014.
Stddev	403.	59.	332.	12.	28.	10.
%RSD	.3221	1.163	.2658	.4887	.3715	1.034

#1	124900.	5126.	125100.	2551.	7593.	1021.
#2	125500.	5142.	125200.	2545.	7579.	1020.
#3	124700.	5032.	124600.	2527.	7539.	1002.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2453.	2574.	2516.	2523.	1001.	2529.
Stddev	7.	12.	10.	13.	3.	16.
%RSD	.2666	.4507	.4165	.4960	.2849	.6354

#1	2458.	2580.	2519.	2532.	1000.	2541.
#2	2456.	2582.	2524.	2528.	1005.	2536.
#3	2446.	2561.	2504.	2508.	999.2	2511.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 14:59:04 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1011.	5008.	9831.
Stddev	5.	12.	22.
%RSD	.4975	.2389	.2204

#1	1014.	5006.	9824.
#2	1014.	5020.	9856.
#3	1006.	4996.	9814.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2357.6	35415.	5845.4
Stddev	4.4	139.	13.2
%RSD	.18623	.39298	.22597

#1	2357.0	35504.	5853.6
#2	2353.5	35255.	5830.2
#3	2362.2	35487.	5852.4

Sample Name: CCB Acquired: 9/22/2011 15:02:41 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.843	2.691	-.3374	.1331	.0444	-19.46
Stddev	15.96	1.131	.8295	.1450	.0200	10.70
%RSD	329.5	42.04	245.9	108.9	45.11	54.97
#1	3.034	1.398	-1.242	.2711	.0675	-11.96
#2	5.644	3.500	.3872	.1461	.0342	-31.71
#3	-23.21	3.175	-.1571	-.0179	.0316	-14.71

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0011	.1634	-.0968	1.116	11.02	136.6
Stddev	.0624	.1855	.3143	3.755	8.41	52.2
%RSD	5529.	113.5	324.7	336.6	76.36	38.24
#1	.0642	-.0296	.2036	1.889	7.860	102.3
#2	-.0606	.3402	-.4234	-2.966	20.55	196.7
#3	-.0003	.1796	-.0706	4.424	4.639	110.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 15:02:41 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5516	.1187	106.9	-.0823	.4423	5.134
Stddev	2.388	.1120	21.1	.3209	.8011	.985
%RSD	432.9	94.29	19.70	389.8	181.1	19.18

#1	1.642	.2433	100.7	-.0354	1.268	5.762
#2	-.2015	.0864	89.67	.2125	.3907	3.999
#3	-3.095	.0265	130.4	-.4241	-.3318	5.642

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.513	-1.109	.0595	-.0304	2.490	4.506
Stddev	1.514	.626	.2271	.3113	.793	.306
%RSD	43.09	56.43	382.0	1024.	31.87	6.785

#1	3.868	-1.115	-.0707	-.1038	3.356	4.523
#2	4.817	-1.731	.3217	.3110	2.313	4.803
#3	1.853	-.4801	-.0726	-.2984	1.799	4.192

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 15:02:41 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0815	.0372	3.632
Stddev	.6592	.0572	2.258
%RSD	808.5	153.9	62.16

#1	.4682	.0438	1.165
#2	-.8123	.0908	4.137
#3	.0995	-.0231	5.595

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2549.4	38970.	5914.0
Stddev	.9	154.	23.9
%RSD	.03687	.39607	.40491

#1	2549.4	39055.	5888.9
#2	2548.4	39063.	5916.5
#3	2550.3	38792.	5936.6

Sample Name: mb 460-86964/1-a Acquired: 9/22/2011 15:06:35 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.782	2.751	-.4758	-.3086	.0036	-2.830
Stddev	3.755	.878	.3747	.0836	.1188	15.49
%RSD	64.94	31.90	78.75	27.09	3292.	547.3
#1	-9.944	2.965	-.8994	-.2496	-.0425	8.824
#2	-4.754	3.502	-.3408	-.4043	-.0853	3.094
#3	-2.648	1.786	-.1873	-.2719	.1385	-20.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1105	.0529	-.0482	1.158	14.41	132.4
Stddev	.0438	.0907	.3430	1.123	2.69	35.2
%RSD	39.62	171.3	711.9	96.95	18.68	26.61
#1	.1605	.1276	.2122	2.443	11.64	108.8
#2	.0789	-.0480	.0801	.6690	14.58	172.9
#3	.0921	.0792	-.4368	.3631	17.02	115.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86964/1-a Acquired: 9/22/2011 15:06:35 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.478	.0449	98.79	-.0951	.4386	3.112
Stddev	2.379	.0264	11.71	.3123	1.525	1.483
%RSD	68.40	58.74	11.86	328.3	347.7	47.67
#1	-1.671	.0652	111.5	-.4231	-1.322	2.243
#2	-6.174	.0544	96.55	-.0612	1.336	2.268
#3	-2.590	.0151	88.36	.1988	1.302	4.824

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6785	-1.346	.1684	.9573	3.095	.4659
Stddev	3.087	.609	.5667	.2220	1.012	.0490
%RSD	455.1	45.25	336.4	23.19	32.69	10.51
#1	-2.849	-.7372	.4518	.8866	2.689	.4734
#2	2.888	-1.346	.5376	.7793	4.247	.4136
#3	1.997	-1.956	-.4841	1.206	2.349	.5107

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-86964/1-a Acquired: 9/22/2011 15:06:35 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2520	-.0939	-1.000
Stddev	.2579	.1068	.937
%RSD	102.3	113.7	93.72

#1	-.2998	-.2126	-1.066
#2	.0264	-.0633	-.0316
#3	-.4828	-.0057	-1.903

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2585.7	39718.	6044.2
Stddev	8.9	38.	11.8
%RSD	.34518	.09607	.19498

#1	2591.5	39717.	6030.6
#2	2590.1	39681.	6049.9
#3	2575.4	39757.	6052.0

Sample Name: lcs 460-86964/2-a Acquired: 9/22/2011 15:10:26 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1957.	1923.	46.68	2047.	48.34	20600.
Stddev	5.	17.	.72	20.	.14	170.
%RSD	.2316	.8670	1.532	.9683	.2797	.8260

#1	1955.	1928.	46.87	2061.	48.28	20600.
#2	1962.	1936.	45.89	2056.	48.49	20770.
#3	1954.	1904.	47.29	2024.	48.25	20430.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.36	504.1	199.3	250.9	1025.	19350.
Stddev	.53	4.9	1.3	2.4	15.	176.
%RSD	1.054	.9696	.6598	.9423	1.424	.9103

#1	50.69	507.4	200.8	252.2	1011.	19290.
#2	50.64	506.4	198.8	252.3	1040.	19550.
#3	49.75	498.4	198.3	248.2	1024.	19210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-86964/2-a Acquired: 9/22/2011 15:10:26 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19370.	517.2	19580.	513.2	515.4	491.6
Stddev	65.	1.5	206.	6.0	4.6	4.1
%RSD	.3355	.2869	1.051	1.175	.8978	.8244

#1	19410.	517.1	19600.	517.1	518.7	493.1
#2	19410.	518.8	19770.	516.2	517.3	494.7
#3	19290.	515.8	19360.	506.2	510.1	487.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1857.	2112.	491.2	496.4	506.6	507.7
Stddev	22.	29.	1.7	4.5	4.9	7.0
%RSD	1.204	1.377	.3470	.9097	.9747	1.376

#1	1872.	2132.	492.8	500.2	509.9	512.9
#2	1867.	2125.	491.5	497.6	509.1	510.5
#3	1831.	2078.	489.4	491.4	500.9	499.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-86964/2-a Acquired: 9/22/2011 15:10:26 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	508.7	478.6	500.2
Stddev	6.0	3.6	3.4
%RSD	1.189	.7598	.6844

#1	512.0	479.1	500.8
#2	512.4	482.0	503.3
#3	501.7	474.8	496.5

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2509.9	38051.	5936.3
Stddev	3.8	28.	35.1
%RSD	.15181	.07380	.59186

#1	2513.1	38043.	5949.7
#2	2510.9	38029.	5896.4
#3	2505.7	38083.	5962.7

Sample Name: 460-31362-f-1-a Acquired: 9/22/2011 15:13:57 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	139.7	4.247	-.1020	307.0	-.0631	91380.
Stddev	2.7	2.126	1.174	4.4	.0677	460.
%RSD	1.942	50.07	1151.	1.439	107.1	.5036
#1	138.4	2.734	1.247	310.1	.0108	91440.
#2	137.9	3.328	-.8927	308.9	-.1219	91810.
#3	142.8	6.678	-.6601	301.9	-.0784	90890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2070	-.1682	.6739	2.164	16120.	9997.
Stddev	.1440	.3021	.2853	1.885	35.	30.
%RSD	69.57	179.7	42.34	87.10	.2167	.2986
#1	-.1710	-.3100	.9895	-.0111	16100.	9963.
#2	-.0844	-.3733	.5981	3.187	16160.	10010.
#3	-.3656	.1788	.4342	3.316	16090.	10020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-f-1-a Acquired: 9/22/2011 15:13:57 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15240.	506.3	F 261800.	1.810	1.990	3.459
Stddev	74.	2.1	1246.	.159	.551	1.737
%RSD	.4867	.4239	.4761	8.783	27.67	50.21

#1	15290.	507.7	262000.	1.723	2.610	1.498
#2	15280.	507.5	262900.	1.994	1.557	4.802
#3	15150.	503.9	260500.	1.714	1.802	4.077

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6492	-2.546	.0891	34.74	662.2	2.684
Stddev	2.589	1.780	.7084	.83	8.8	.282
%RSD	398.7	69.91	795.3	2.386	1.325	10.51

#1	-1.926	-2.533	.5869	35.26	667.8	2.360
#2	-2.351	-.7729	.4022	35.17	666.7	2.873
#3	2.330	-4.333	-.7219	33.78	652.1	2.818

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-f-1-a Acquired: 9/22/2011 15:13:57 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2833	548.4	11.11
Stddev	.5710	3.0	1.49
%RSD	201.5	.5463	13.44

#1	-.3301	548.7	12.79
#2	.7994	551.3	10.63
#3	.3807	545.3	9.919

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2406.4	35688.	5899.3
Stddev	5.5	20.	17.1
%RSD	.22940	.05500	.28937

#1	2402.7	35688.	5911.9
#2	2403.9	35708.	5879.9
#3	2412.8	35669.	5906.0

Sample Name: 460-31362-b-2-e Acquired: 9/22/2011 15:17:42 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1912.	1.595	-.8604	33.97	.0474	12010.
Stddev	20.	.786	.2275	.75	.0416	49.
%RSD	1.034	49.26	26.45	2.208	87.73	.4106

#1	1927.	1.276	-.6809	34.65	-.0005	12060.
#2	1920.	1.019	-.7841	34.09	.0743	12000.
#3	1890.	2.491	-1.116	33.16	.0685	11970.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0364	-.7140	.7006	3.371	1717.	10850.
Stddev	.0619	.1498	.6117	4.486	11.	88.
%RSD	170.0	20.98	87.30	133.1	.6434	.8072

#1	-.0304	-.7769	1.186	8.322	1727.	10790.
#2	-.1012	-.5430	.9018	-.4250	1720.	10810.
#3	.0223	-.8221	.0137	2.216	1705.	10950.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-e Acquired: 9/22/2011 15:17:42 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10160.	79.81	F 464200.	.9397	1.047	2.121
Stddev	83.	.77	1994.	.1458	1.684	2.013
%RSD	.8153	.9593	.4294	15.52	160.8	94.88

#1	10230.	80.40	462100.	1.077	.2433	3.844
#2	10180.	80.08	464700.	.9554	2.982	-.0913
#3	10070.	78.94	466000.	.7866	-.0836	2.612

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.542	-2.608	.9042	9.674	620.6	2.348
Stddev	3.668	1.534	.2978	.256	9.6	.300
%RSD	237.8	58.83	32.94	2.646	1.553	12.80

#1	-.1145	-.9418	.8750	9.752	628.4	2.129
#2	5.746	-2.919	.6221	9.882	623.6	2.691
#3	-1.005	-3.963	1.216	9.388	609.8	2.225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-b-2-e Acquired: 9/22/2011 15:17:42 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.5687	64.09	.9217
Stddev	.1783	.22	.5562
%RSD	31.35	.3369	60.35

#1	-.3713	64.32	1.154
#2	-.7179	63.89	.2870
#3	-.6169	64.06	1.324

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2391.8	35046.	5870.5
Stddev	7.5	60.	37.8
%RSD	.31150	.17140	.64455

#1	2385.2	34977.	5846.2
#2	2390.4	35085.	5914.1
#3	2399.9	35077.	5851.2

Sample Name: 460-31362-f-3-a Acquired: 9/22/2011 15:21:37 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1163.	4.819	-.0749	5.535	-.0598	1298.
Stddev	.	.808	.3740	.161	.0570	10.
%RSD	.0424	16.76	499.5	2.914	95.35	.7689

#1	1162.	4.316	.3318	5.719	-.0557	1298.
#2	1162.	5.751	-.4041	5.470	-.0050	1307.
#3	1163.	4.390	-.1523	5.417	-.1187	1287.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0018	-.5788	.4528	3.632	190.3	11360.
Stddev	.0938	.0540	.2554	1.681	14.1	57.
%RSD	5118.	9.327	56.40	46.30	7.393	.5003

#1	.0058	-.5690	.7244	3.572	205.5	11290.
#2	-.0992	-.6370	.2176	1.981	177.6	11390.
#3	.0880	-.5304	.4164	5.342	188.0	11390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-f-3-a Acquired: 9/22/2011 15:21:37 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6454.	5.634	F 473600.	.5796	.0858	3.360
Stddev	67.	.070	728.	.2381	1.472	2.397
%RSD	1.041	1.242	.1538	41.08	1717.	71.36

#1	6483.	5.700	473600.	.3051	.3634	5.327
#2	6502.	5.561	474400.	.7036	-1.505	.6894
#3	6377.	5.642	473000.	.7301	1.399	4.063

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2794	-.6334	1.178	1.743	599.1	2.564
Stddev	.7919	.9339	.416	.135	12.5	.162
%RSD	283.4	147.4	35.36	7.765	2.088	6.300

#1	1.187	-1.253	1.127	1.600	606.5	2.540
#2	-.0778	.4408	1.618	1.869	606.2	2.737
#3	-.2710	-1.088	.7893	1.761	584.7	2.417

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-f-3-a Acquired: 9/22/2011 15:21:37 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-4.278	7.264	-2.183
Stddev	.8447	.080	.564
%RSD	197.4	1.100	25.84

#1	-1.522	7.306	-2.783
#2	-1.376	7.172	-2.105
#3	.2447	7.314	-1.662

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2399.6	35022.	5886.4
Stddev	2.0	28.	23.5
%RSD	.08335	.08070	.39969

#1	2399.2	35011.	5911.4
#2	2397.8	35000.	5864.7
#3	2401.8	35054.	5883.2

Sample Name: 460-31362-f-6-a Acquired: 9/22/2011 15:25:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	166.4	2.258	.0891	4.929	.0498	1386.
Stddev	3.5	1.947	.7031	.189	.1270	13.
%RSD	2.120	86.23	789.6	3.827	254.9	.9051

#1	162.5	1.399	.8792	5.004	.1749	1377.
#2	169.4	4.487	-.4676	5.069	.0535	1400.
#3	167.5	.8885	-.1445	4.714	-.0790	1381.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4418	-.8232	.2371	7.894	31.07	11710.
Stddev	.0435	.2120	.1728	3.352	15.82	91.
%RSD	9.834	25.75	72.86	42.46	50.91	.7798

#1	.4463	-.8884	.3590	4.437	47.94	11740.
#2	.4829	-.5863	.0394	8.114	28.69	11790.
#3	.3963	-.9950	.3130	11.13	16.57	11610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-f-6-a Acquired: 9/22/2011 15:25:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6337.	2.242	F 480800.	.4269	-.4310	2.792
Stddev	64.	.110	7064.	.4170	1.488	2.069
%RSD	1.007	4.895	1.469	97.68	345.1	74.12
#1	6390.	2.283	485300.	-.0537	1.097	1.492
#2	6354.	2.326	484400.	.6919	-1.874	5.178
#3	6266.	2.118	472700.	.6425	-.5163	1.705
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.723	-.1813	.7316	132.3	574.2	.3075
Stddev	2.663	.6103	.4075	3.9	13.0	.2961
%RSD	154.6	336.6	55.70	2.917	2.270	96.30
#1	2.912	.2499	1.131	134.6	581.9	.1563
#2	-1.328	.0858	.7483	134.5	581.7	.1175
#3	3.584	-.8796	.3160	127.8	559.2	.6486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31362-f-6-a Acquired: 9/22/2011 15:25:35 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1742	7.697	-.9178
Stddev	.5383	.133	1.352
%RSD	309.0	1.731	147.3

#1	-.6255	7.847	.6354
#2	.4216	7.592	-1.558
#3	-.3186	7.653	-1.831

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2396.7	34958.	5878.0
Stddev	3.3	56.	11.2
%RSD	.13886	.16084	.19091

#1	2392.8	34941.	5866.9
#2	2398.3	35021.	5877.8
#3	2398.9	34913.	5889.4

Sample Name: 460-31397-f-2-a Acquired: 9/22/2011 15:29:32 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	90.06	5.525	-.7004	17.08	-.0185	1322.
Stddev	4.71	1.074	.4741	.28	.0266	13.
%RSD	5.231	19.44	67.69	1.635	143.6	.9510

#1	86.82	6.669	-1.221	17.23	.0081	1321.
#2	95.47	4.539	-.5866	17.24	-.0451	1310.
#3	87.91	5.366	-.2935	16.75	-.0186	1335.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0498	-.1921	.0253	.4007	77.42	10060.
Stddev	.0951	.1006	.3876	1.152	8.05	15.
%RSD	191.0	52.35	1529.	287.5	10.40	.1450

#1	-.0597	-.2909	-.0962	-.9227	70.42	10060.
#2	.0970	-.1956	-.2869	1.180	75.62	10040.
#3	.1120	-.0898	.4592	.9446	86.22	10070.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31397-f-2-a Acquired: 9/22/2011 15:29:32 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8021.	4.426	F 445700.	1.958	.5872	3.403
Stddev	87.	.131	418.	.747	.9545	3.743
%RSD	1.088	2.967	.0937	38.13	162.5	110.0

#1	8073.	4.555	445700.	2.631	-.3615	1.107
#2	8070.	4.430	445300.	2.088	.5758	7.722
#3	7920.	4.293	446100.	1.155	1.547	1.379

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.494	-.4534	1.981	42.87	354.8	1.170
Stddev	1.655	.3703	.466	1.23	6.7	.521
%RSD	110.8	81.67	23.52	2.857	1.893	44.56

#1	-.6275	-.8737	2.033	43.65	359.1	1.412
#2	-3.403	-.3106	1.491	43.50	358.3	1.525
#3	-.4525	-.1758	2.419	41.46	347.1	.5713

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31397-f-2-a Acquired: 9/22/2011 15:29:32 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.7388	37.37	-2.106
Stddev	.2656	.25	.788
%RSD	35.95	.6616	37.41

#1	-.9182	37.36	-3.010
#2	-.8645	37.62	-1.566
#3	-.4337	37.13	-1.742

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2396.6	34932.	5847.5
Stddev	10.1	102.	8.8
%RSD	.42113	.29059	.15028

#1	2386.1	34953.	5842.9
#2	2397.6	35021.	5857.6
#3	2406.2	34822.	5841.9

Sample Name: 460-31289-b-1-b Acquired: 9/22/2011 15:33:28 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.94	3.684	-.8049	61.86	-.0779	61380.
Stddev	3.87	2.354	.5977	.78	.1088	109.
%RSD	10.76	63.90	74.25	1.254	139.6	.1780

#1	31.90	2.547	-.4323	62.51	.0475	61340.
#2	39.60	6.390	-1.494	62.07	-.1459	61310.
#3	36.33	2.114	-.4882	61.00	-.1355	61510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0702	.4690	.3141	2.717	75.29	11700.
Stddev	.0627	.3627	.3386	2.090	16.49	44.
%RSD	89.38	77.33	107.8	76.95	21.90	.3719

#1	.0028	.7277	.6310	.4076	93.36	11740.
#2	.0808	.0544	.3540	4.480	61.08	11700.
#3	.1270	.6248	-.0427	3.262	71.42	11650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31289-b-1-b Acquired: 9/22/2011 15:33:28 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17140.	189.9	190800.	8.118	2.877	1.976
Stddev	65.	.8	893.	.397	.355	.588
%RSD	.3817	.4264	.4680	4.888	12.34	29.76

#1	17180.	190.2	190200.	7.998	3.040	1.637
#2	17170.	190.5	190300.	7.795	3.121	2.654
#3	17060.	189.0	191800.	8.561	2.469	1.635

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.116	-6701	12.98	29.13	188.9	3.390
Stddev	2.696	1.067	.21	.36	2.8	.158
%RSD	127.4	159.3	1.652	1.238	1.463	4.665

#1	-4.874	-1.693	12.74	29.30	190.8	3.486
#2	.5122	-.7534	13.05	29.36	190.1	3.476
#3	-1.985	.4365	13.16	28.71	185.7	3.207

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31289-b-1-b Acquired: 9/22/2011 15:33:28 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-1.207	520.4	7.896
Stddev	.630	1.1	3.314
%RSD	52.20	.2069	41.97

#1	- .8836	520.2	6.054
#2	- .8048	519.5	5.912
#3	- 1.933	521.6	11.72

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2439.2	35939.	5894.9
Stddev	9.7	57.	18.7
%RSD	.39754	.15798	.31691

#1	2428.4	35881.	5888.3
#2	2441.8	35940.	5916.0
#3	2447.3	35994.	5880.4

Sample Name: 460-31207-c-9-a Acquired: 9/22/2011 15:37:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	692.4	4.699	-.4465	98.24	.1124	96110.
Stddev	1.1	1.693	.7563	1.58	.0417	21.
%RSD	.1612	36.04	169.4	1.604	37.08	.0220

#1	691.5	6.412	-.4646	99.30	.1520	96090.
#2	691.9	4.658	-1.194	99.00	.0689	96110.
#3	693.6	3.026	.3187	96.43	.1163	96140.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1652	1.826	3.107	5.827	1267.	16200.
Stddev	.0358	.254	.118	4.809	15.	78.
%RSD	21.66	13.90	3.806	82.53	1.170	.4789

#1	.1967	1.583	3.237	6.964	1253.	16110.
#2	.1263	2.090	3.079	.5513	1283.	16270.
#3	.1727	1.806	3.005	9.965	1265.	16210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-9-a Acquired: 9/22/2011 15:37:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16400.	522.6	243600.	6.636	5.198	3.405
Stddev	99.	2.7	328.	.301	1.470	.798
%RSD	.6064	.5246	.1346	4.541	28.27	23.42
#1	16340.	520.3	243200.	6.708	6.876	2.492
#2	16510.	525.6	243800.	6.895	4.576	3.963
#3	16340.	521.8	243700.	6.306	4.141	3.760

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.356	-1.493	2.655	9.294	317.2	3.894
Stddev	3.536	.482	.329	.221	2.8	.107
%RSD	150.1	32.31	12.40	2.378	.8705	2.739
#1	5.419	-2.017	2.800	9.398	318.5	3.801
#2	-1.514	-1.067	2.886	9.443	319.0	3.870
#3	3.163	-1.395	2.278	9.040	314.0	4.011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-9-a Acquired: 9/22/2011 15:37:15 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2760	493.5	48.94
Stddev	.2561	.5	3.21
%RSD	92.78	.0942	6.553

#1	.0107	493.0	52.63
#2	.5218	493.9	46.87
#3	.2956	493.6	47.32

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2429.9	35937.	5934.9
Stddev	4.3	193.	27.4
%RSD	.17806	.53763	.46201

#1	2427.8	36159.	5934.3
#2	2434.9	35841.	5962.7
#3	2427.0	35810.	5907.9

Sample Name: 460-31207-c-10-a Acquired: 9/22/2011 15:41:00 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122.1	6.094	.4558	109.4	-.0151	91590.
Stddev	1.4	1.186	1.033	1.2	.0781	253.
%RSD	1.136	19.46	226.6	1.080	517.3	.2757

#1	123.1	7.225	.4684	110.4	.0127	91740.
#2	120.5	4.860	1.482	109.7	-.1033	91730.
#3	122.6	6.196	-.5831	108.1	.0453	91300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0755	1.478	12.78	.0591	1522.	16240.
Stddev	.0488	.203	.59	3.682	29.	30.
%RSD	64.71	13.73	4.583	6226.	1.894	.1833

#1	.1051	1.433	12.85	.1321	1543.	16200.
#2	.1022	1.700	13.32	-3.659	1532.	16240.
#3	.0191	1.302	12.16	3.704	1489.	16260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-10-a Acquired: 9/22/2011 15:41:00 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20390.	764.6	F 342800.	2.016	1.439	3.175
Stddev	75.	5.5	3169.	.174	.488	1.007
%RSD	.3681	.7200	.9247	8.613	33.91	31.73

#1	20450.	769.4	342200.	2.041	1.436	3.433
#2	20410.	765.7	346200.	1.831	.9522	2.064
#3	20300.	758.6	339900.	2.175	1.928	4.029

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.204	-1.200	3.555	1.843	333.8	-.0469
Stddev	3.849	1.080	.591	.222	1.9	.1283
%RSD	915.5	90.02	16.63	12.03	.5595	273.8

#1	-3.990	-2.312	4.238	1.683	334.8	.0397
#2	-.9294	-1.132	3.214	2.096	335.0	-.1942
#3	3.658	-.1550	3.213	1.750	331.7	.0140

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-10-a Acquired: 9/22/2011 15:41:00 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-1.352	538.5	15.98
Stddev	.492	2.3	1.00
%RSD	36.40	.4214	6.251

#1	-1.819	539.4	16.64
#2	-1.400	540.1	16.47
#3	-.8379	535.9	14.83

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2399.4	35323.	5883.7
Stddev	.8	132.	28.8
%RSD	.03397	.37463	.48988

#1	2400.2	35176.	5871.2
#2	2399.4	35361.	5863.2
#3	2398.6	35432.	5916.7

Sample Name: CCV Acquired: 9/22/2011 15:44:55 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122900.	2477.	1246.	10060.	973.2	126200.
Stddev	140.	6.	5.	27.	.7	45.
%RSD	.1141	.2344	.3941	.2647	.0675	.0356

#1	123100.	2478.	1251.	10070.	972.9	126300.
#2	122800.	2483.	1241.	10080.	973.9	126300.
#3	122900.	2471.	1245.	10030.	972.7	126200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2494.	5010.	12260.	101500.	50590.
Stddev	4.	6.	7.	6.	279.	61.
%RSD	.3034	.2357	.1461	.0497	.2745	.1200

#1	1262.	2496.	5014.	12260.	101800.	50540.
#2	1264.	2498.	5015.	12250.	101500.	50570.
#3	1257.	2487.	5002.	12260.	101200.	50650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 15:44:55 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124400.	5085.	125000.	2530.	7535.	1009.
Stddev	207.	30.	209.	6.	18.	6.
%RSD	.1659	.5962	.1668	.2454	.2335	.6258

#1	124600.	5051.	124900.	2533.	7542.	1013.
#2	124500.	5099.	125200.	2534.	7547.	1011.
#3	124200.	5107.	124900.	2523.	7514.	1001.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2440.	2560.	2511.	2510.	996.2	2522.
Stddev	5.	10.	9.	8.	1.5	10.
%RSD	.2018	.3754	.3486	.3129	.1517	.3803

#1	2437.	2565.	2520.	2511.	994.8	2527.
#2	2445.	2566.	2512.	2517.	997.8	2528.
#3	2436.	2549.	2503.	2501.	996.0	2511.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 15:44:55 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1007.	4980.	9750.
Stddev	5.	6.	14.
%RSD	.5187	.1271	.1433

#1	1011.	4976.	9766.
#2	1008.	4987.	9744.
#3	1001.	4977.	9740.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2367.9	35548.	5845.5
Stddev	3.1	46.	6.5
%RSD	.12945	.12916	.11178

#1	2369.2	35511.	5849.4
#2	2370.1	35599.	5849.1
#3	2364.4	35533.	5837.9

Sample Name: CCB Acquired: 9/22/2011 15:48:29 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-11.53	1.088	-4.439	.0699	.0349	-10.24
Stddev	6.94	1.640	.4169	.0839	.0529	3.75
%RSD	60.22	150.7	93.92	120.0	151.8	36.62
#1	-9.447	2.285	-.5947	.1596	-.0084	-11.70
#2	-5.863	1.761	-.7645	-.0067	.0939	-13.05
#3	-19.27	-.7812	.0274	.0568	.0192	-5.983

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0296	.2315	-.0561	1.398	11.94	120.3
Stddev	.0864	.1207	.2384	1.654	13.54	10.7
%RSD	291.7	52.11	424.7	118.3	113.4	8.865
#1	-.0401	.2911	-.0047	.0106	24.39	115.8
#2	.1263	.0927	.1524	.9552	-2.476	112.6
#3	.0027	.3108	-.3161	3.228	13.92	132.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 15:48:29 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4860	.0616	130.3	-.1460	.4847	3.905
Stddev	2.119	.1130	19.6	.3657	1.231	.512
%RSD	436.0	183.6	15.02	250.6	253.9	13.10
#1	1.910	.1841	150.0	-.5669	-.8335	3.463
#2	-2.115	.0391	130.1	.0358	.6836	4.465
#3	-1.253	-.0385	110.9	.0933	1.604	3.787

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.513	-3.081	.5147	-.0844	2.148	4.592
Stddev	2.426	1.096	.3289	.0735	.109	.678
%RSD	160.3	35.58	63.90	87.17	5.074	14.76
#1	2.201	-4.004	.6076	-.1666	2.080	4.785
#2	3.521	-1.869	.7871	-.0616	2.090	5.152
#3	-1.182	-3.370	.1493	-.0249	2.274	3.838

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 15:48:29 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.5557	.0507	2.529
Stddev	.2509	.1284	1.934
%RSD	45.15	253.3	76.46

#1	-.5301	.1457	.3971
#2	-.3185	-.0954	3.020
#3	-.8184	.1018	4.170

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2564.7	39029.	5921.9
Stddev	4.9	63.	32.4
%RSD	.19257	.16032	.54651

#1	2560.6	39097.	5945.8
#2	2563.3	38974.	5934.9
#3	2570.2	39016.	5885.1

Sample Name: 460-31207-c-11-a Acquired: 9/22/2011 15:52:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.748	-.3645	-.4867	-.2391	-.0454	4.341
Stddev	13.05	1.926	.8726	.1065	.1154	6.098
%RSD	168.5	528.4	179.3	44.54	254.3	140.5

#1	-5.889	.2976	.1630	-.2045	-.1628	10.88
#2	9.005	-2.534	-.1446	-.1542	.0678	3.341
#3	20.13	1.143	-1.479	-.3586	-.0412	-1.194

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0110	-.0685	.4761	.3439	17.67	86.51
Stddev	.0552	.0729	.2193	1.942	3.08	36.96
%RSD	500.6	106.4	46.07	564.7	17.43	42.72

#1	.0347	.0064	.2842	-1.500	14.59	124.2
#2	.0504	-.1393	.7151	.1610	17.66	50.31
#3	-.0520	-.0726	.4289	2.371	20.75	85.03

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-11-a Acquired: 9/22/2011 15:52:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2250	.0627	129.5	.1166	-.5910	-.1528
Stddev	2.057	.0609	16.4	.1048	.5259	2.055
%RSD	914.2	97.18	12.66	89.88	88.99	1345.
#1	2.511	-.0059	148.4	.0545	-.4009	-.5442
#2	-.3597	.0836	120.7	.0577	-.1865	-1.984
#3	-1.476	.1105	119.4	.2375	-1.185	2.070

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.210	-1.549	.2020	-.3022	34.31	.5903
Stddev	2.561	.874	.3173	.1018	.47	.1071
%RSD	211.6	56.43	157.1	33.68	1.365	18.15
#1	1.853	-2.358	.5591	-.1847	34.71	.4675
#2	3.387	-1.668	.0941	-.3636	33.79	.6646
#3	-1.611	-.6217	-.0473	-.3582	34.42	.6389

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-11-a Acquired: 9/22/2011 15:52:23 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.6226	.0078	-1.553
Stddev	.4095	.0240	1.627
%RSD	65.77	308.9	104.8

#1	-.2278	.0294	-2.444
#2	-1.045	-.0181	.3252
#3	-.5947	.0120	-2.540

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2599.9	39842.	5997.4
Stddev	.4	122.	2.8
%RSD	.01726	.30547	.04733

#1	2599.9	39854.	5995.6
#2	2599.4	39715.	6000.7
#3	2600.3	39958.	5995.9

Sample Name: 460-31299-n-2-b Acquired: 9/22/2011 15:56:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.15	3.752	.0436	506.3	.0857	49580.
Stddev	12.25	2.009	.5141	4.2	.0620	330.
%RSD	80.86	53.54	1179.	.8214	72.31	.6654
#1	12.24	6.063	-.2404	509.8	.1495	49850.
#2	4.610	2.423	.6371	507.4	.0818	49680.
#3	28.58	2.771	-.2659	501.7	.0258	49210.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0950	-.3775	.4406	5.289	21.60	1155.
Stddev	.0468	.2153	.3272	2.689	7.16	41.
%RSD	49.26	57.04	74.27	50.85	33.13	3.574
#1	.0419	-.4732	.4212	5.349	13.34	1112.
#2	.1130	-.5284	.1235	2.570	25.61	1194.
#3	.1301	-.1309	.7772	7.948	25.85	1159.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31299-n-2-b Acquired: 9/22/2011 15:56:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9288.	.9415	12400.	-.0544	2.968	-.7477
Stddev	30.	.0571	104.	.2653	.486	1.074
%RSD	.3264	6.061	.8366	487.6	16.37	143.7

#1	9311.	.8806	12510.	.0888	3.304	.4823
#2	9299.	.9501	12400.	.1085	3.189	-1.502
#3	9254.	.9938	12300.	-.3605	2.411	-1.223

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0363	-2.277	8.126	13.47	71.23	.6792
Stddev	1.467	1.607	.488	.04	.61	.2652
%RSD	4039.	70.58	6.003	.3003	.8619	39.05

#1	-1.364	-3.845	8.539	13.46	71.37	.3819
#2	1.539	-2.353	8.252	13.43	70.56	.8915
#3	-.2846	-.6335	7.588	13.51	71.76	.7640

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31299-n-2-b Acquired: 9/22/2011 15:56:14 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3623	201.2	6.991
Stddev	.4519	1.5	1.316
%RSD	124.7	.7544	18.82

#1	-.8653	202.7	5.528
#2	.0095	201.3	7.367
#3	-.2311	199.7	8.077

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2552.0	38481.	5993.6
Stddev	3.2	55.	32.5
%RSD	.12465	.14410	.54166

#1	2553.7	38418.	5968.1
#2	2553.9	38521.	5982.4
#3	2548.3	38506.	6030.1

Sample Name: 460-31354-a-5-a Acquired: 9/22/2011 16:00:03 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82.40	2.599	-.3309	42.20	.0155	151300.
Stddev	6.08	1.173	1.057	.32	.0353	1115.
%RSD	7.379	45.14	319.6	.7684	227.7	.7368

#1	89.28	3.379	.5920	42.32	.0543	151500.
#2	77.74	3.169	-1.485	42.45	-.0146	152300.
#3	80.19	1.250	-.0999	41.84	.0068	150100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0074	-.3547	1.253	4.689	130.2	2395.
Stddev	.1530	.1342	.140	2.463	11.4	63.
%RSD	2056.	37.84	11.17	52.53	8.742	2.647

#1	-.0667	-.2653	1.251	2.595	142.9	2462.
#2	.1664	-.5091	1.114	4.069	120.9	2387.
#3	-.1220	-.2898	1.394	7.403	126.9	2336.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31354-a-5-a Acquired: 9/22/2011 16:00:03 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54030.	7.090	88250.	1.110	3.839	1.772
Stddev	285.	.112	958.	.242	.476	.607
%RSD	.5275	1.584	1.086	21.85	12.40	34.23

#1	54230.	7.174	88570.	1.160	4.371	1.530
#2	54160.	6.962	89010.	.8458	3.696	2.462
#3	53710.	7.133	87170.	1.323	3.451	1.324

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2011	-2.058	1.683	5.821	174.6	.9589
Stddev	2.797	1.464	.489	.146	1.9	.1276
%RSD	1391.	71.15	29.05	2.514	1.114	13.31

#1	-.1129	-1.445	2.092	5.870	175.0	1.035
#2	2.551	-.9999	1.815	5.937	176.2	.8116
#3	-3.041	-3.729	1.141	5.657	172.4	1.030

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31354-a-5-a Acquired: 9/22/2011 16:00:03 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.9594	426.2	23.59
Stddev	.6245	3.5	1.04
%RSD	65.10	.8172	4.415

#1	-.9494	427.2	23.20
#2	-.3399	429.2	22.79
#3	-1.589	422.4	24.77

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2438.8	36583.	5915.7
Stddev	3.8	69.	36.6
%RSD	.15497	.18969	.61878

#1	2443.0	36503.	5923.0
#2	2437.6	36619.	5876.0
#3	2435.7	36627.	5948.1

Sample Name: 460-31372-d-14-b Acquired: 9/22/2011 16:03:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.577	-.2058	-.1349	.2011	-.0638	52.19
Stddev	11.24	1.137	.2473	.0678	.1152	17.16
%RSD	170.9	552.3	183.4	33.74	180.4	32.88

#1	9.934	-.4423	-.3868	.2792	.0675	44.05
#2	-5.957	-1.206	-.1253	.1564	-.1477	40.62
#3	15.75	1.030	.1076	.1677	-.1112	71.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0088	-.1543	.0396	.5631	20.50	165.1
Stddev	.0554	.0442	.2097	2.103	6.93	67.6
%RSD	631.6	28.62	529.6	373.5	33.81	40.96

#1	.0140	-.2051	.1475	-.5774	22.49	242.0
#2	-.0719	-.1334	-.2021	-.7236	26.22	138.1
#3	.0316	-.1245	.1734	2.990	12.79	115.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-d-14-b Acquired: 9/22/2011 16:03:51 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.070	.7172	390.0	-.2886	.5071	-.1298
Stddev	.431	.0492	27.0	.3520	.1492	1.905
%RSD	10.59	6.856	6.922	122.0	29.43	1468.

#1	4.528	.7303	420.7	.0956	.6708	-.4142
#2	4.011	.6628	369.7	-.5956	.3786	1.901
#3	3.672	.7584	379.7	-.3659	.4720	-1.876

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.034	-2.084	.3131	.1928	29.25	-.0317
Stddev	.627	1.283	.2016	.0467	.67	.1246
%RSD	60.68	61.57	64.39	24.24	2.278	393.4

#1	1.713	-.7581	.5143	.2261	29.40	.0803
#2	.9108	-2.174	.3139	.2129	29.83	-.1658
#3	.4771	-3.319	.1111	.1394	28.53	-.0095

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-d-14-b Acquired: 9/22/2011 16:03:51 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.765	-.0327	-2.444
Stddev	.808	.0412	.347
%RSD	45.79	125.9	14.22

#1	2.602	-.0542	-2.048
#2	.9885	-.0587	-2.590
#3	1.705	.0148	-2.695

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2627.5	40371.	6108.2
Stddev	6.2	180.	16.9
%RSD	.23695	.44619	.27688

#1	2634.6	40521.	6123.8
#2	2624.7	40420.	6110.6
#3	2623.1	40171.	6090.2

Sample Name: 460-31207-d-8-a du@3 Acquired: 9/22/2011 16:07:42 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.68	2.718	-.2906	37.68	-.0605	30750.
Stddev	13.18	2.011	.7936	.45	.0483	119.
%RSD	25.02	74.01	273.1	1.182	79.95	.3881
#1	39.36	.4900	-.4930	37.77	-.0068	30790.
#2	65.72	4.400	.5846	38.08	-.0740	30840.
#3	52.96	3.263	-.9634	37.20	-.1005	30610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0255	.5335	5.636	-.0175	526.0	5170.
Stddev	.1430	.0921	.410	.6625	8.5	43.
%RSD	559.7	17.26	7.280	3794.	1.619	.8341
#1	-.1727	.5713	6.052	.6174	527.5	5137.
#2	.1129	.6007	5.231	.0347	533.7	5219.
#3	-.0168	.4286	5.625	-.7046	516.9	5154.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-d-8-a du@3 Acquired: 9/22/2011 16:07:42 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6743.	248.7	115600.	.7295	1.000	1.284
Stddev	23.	.8	474.	.3463	1.023	1.041
%RSD	.3339	.3299	.4099	47.47	102.3	81.07

#1	6747.	248.5	115700.	.8693	-.0326	1.302
#2	6763.	249.6	116100.	.3351	1.020	.2344
#3	6718.	248.0	115100.	.9840	2.014	2.316

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3105	-2.151	1.112	.7550	110.7	.0561
Stddev	3.504	1.145	.328	.1036	.9	.0574
%RSD	1129.	53.22	29.47	13.73	.8483	102.2

#1	-3.189	-2.133	1.470	.6896	111.5	.0447
#2	.3005	-1.015	.8256	.7009	111.1	.0054
#3	3.820	-3.304	1.042	.8745	109.7	.1184

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-d-8-a du@3 Acquired: 9/22/2011 16:07:42 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0259	177.1	5.521
Stddev	.4327	.6	2.092
%RSD	1673.	.3268	37.88

#1	-.5142	177.2	4.610
#2	.3096	177.6	7.914
#3	.1270	176.4	4.040

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2474.1	37076.	5929.4
Stddev	4.0	137.	23.9
%RSD	.16210	.37062	.40279

#1	2476.0	37170.	5917.3
#2	2476.9	36918.	5914.0
#3	2469.5	37140.	5956.9

Sample Name: 460-31207-c-8-a@3 Acquired: 9/22/2011 16:11:31 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.07	1.852	-.7702	37.29	.0802	30540.
Stddev	3.25	.523	.2138	.20	.0883	14.
%RSD	6.243	28.24	27.76	.5420	110.1	.0462

#1	49.53	1.256	-.9157	37.44	.1425	30550.
#2	55.73	2.064	-.5248	37.37	.1189	30530.
#3	50.95	2.236	-.8702	37.06	-.0208	30550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0786	.3734	5.461	-.3283	538.8	5225.
Stddev	.0829	.1160	.054	1.541	7.7	28.
%RSD	105.5	31.07	.9917	469.3	1.423	.5368

#1	.0491	.3190	5.481	-.3390	547.7	5232.
#2	.1723	.2946	5.503	-1.864	535.0	5194.
#3	.0145	.5066	5.400	1.218	533.8	5249.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-8-a@3 Acquired: 9/22/2011 16:11:31 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6668.	246.2	114700.	.6016	1.423	1.350
Stddev	15.	.2	284.	.5398	1.091	2.077
%RSD	.2194	.0738	.2471	89.72	76.67	153.9

#1	6661.	246.1	114900.	1.054	2.669	-.1563
#2	6685.	246.2	114400.	.0043	.6406	3.720
#3	6659.	246.4	114900.	.7463	.9589	.4863

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3727	.5783	1.504	.8127	109.3	-.1634
Stddev	1.320	2.690	.902	.3400	.3	.2049
%RSD	354.2	465.1	60.00	41.83	.2730	125.4

#1	.9214	-.2961	2.517	.8067	109.0	-.3731
#2	1.330	-1.565	1.208	1.156	109.5	-.1534
#3	-1.133	3.596	.7864	.4758	109.5	.0364

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-c-8-a@3 Acquired: 9/22/2011 16:11:31 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	- .9671	175.7	5.654
Stddev	.7461	.3	1.445
%RSD	77.15	.1974	25.57

#1	-1.741	176.0	7.323
#2	-.2523	175.4	4.806
#3	-.9081	175.7	4.832

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2471.4	37006.	5913.5
Stddev	2.5	132.	20.2
%RSD	.10068	.35610	.34209

#1	2469.6	37124.	5918.7
#2	2470.4	37030.	5930.7
#3	2474.3	36864.	5891.2

Sample Name: sd 460-31207-c-8-a@1 Acquired: 9/22/2011 16:15:19 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.736	.2797	-.2633	7.351	.0506	6084.
Stddev	11.98	3.018	.1823	.118	.0599	10.
%RSD	252.9	1079.	69.23	1.606	118.4	.1718
#1	12.84	-1.979	-.0590	7.487	.1001	6095.
#2	10.39	-.8893	-.4093	7.279	.0677	6074.
#3	-9.021	3.707	-.3218	7.287	-.0160	6084.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0415	.0412	.9819	1.859	115.2	1138.
Stddev	.0171	.1165	.0626	2.963	11.5	37.
%RSD	41.27	282.7	6.379	159.4	9.943	3.246
#1	.0219	-.0685	1.053	2.814	124.4	1137.
#2	.0536	.1634	.9584	-1.464	118.9	1102.
#3	.0491	.0287	.9344	4.228	102.4	1176.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31207-c-8-a@1 Acquired: 9/22/2011 16:15:19 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1331.	48.86	23000.	.2657	-.5088	1.854
Stddev	8.	.18	65.	.1084	1.594	.817
%RSD	.6021	.3614	.2809	40.78	313.3	44.09

#1	1327.	48.87	23050.	.3463	1.213	1.002
#2	1341.	49.04	23010.	.3084	-1.932	1.928
#3	1326.	48.68	22920.	.1425	-.8076	2.631

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.911	-.9589	.0811	.0764	21.00	.0536
Stddev	1.042	1.006	.2957	.1602	.40	.1881
%RSD	54.49	105.0	364.6	209.8	1.891	350.7

#1	-1.417	-1.999	-.0973	.2459	20.56	-.0293
#2	-3.108	-.8870	-.0818	-.0726	21.34	.2690
#3	-1.209	.0097	.4224	.0557	21.09	-.0787

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31207-c-8-a@1 Acquired: 9/22/2011 16:15:19 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3793	34.74	.2201
Stddev	.2617	.09	1.967
%RSD	69.00	.2649	893.9

#1	-.6379	34.80	-2.016
#2	-.3852	34.78	1.683
#3	-.1146	34.63	.9934

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2536.3	38871.	5937.6
Stddev	4.9	145.	5.4
%RSD	.19274	.37328	.09106

#1	2541.9	39038.	5935.1
#2	2534.4	38784.	5934.0
#3	2532.7	38790.	5943.9

Sample Name: 460-31207-a-8-a ms@3 Acquired: 9/22/2011 16:19:09 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	706.5	662.3	14.62	719.6	16.29	37840.
Stddev	14.8	5.4	.68	5.7	.27	307.
%RSD	2.100	.8156	4.648	.7864	1.649	.8108

#1	692.2	665.7	15.32	721.6	15.99	37650.
#2	721.8	665.2	13.96	724.0	16.41	38200.
#3	705.6	656.1	14.58	713.2	16.48	37680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.78	168.8	72.64	83.14	853.9	11720.
Stddev	.12	1.4	.40	2.03	18.4	132.
%RSD	.6964	.8057	.5542	2.436	2.153	1.129

#1	16.82	169.2	72.22	84.42	849.5	11620.
#2	16.87	169.9	72.69	80.80	874.0	11870.
#3	16.64	167.3	73.02	84.19	838.1	11680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-a-8-a.ms@3 Acquired: 9/22/2011 16:19:09 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13120.	419.5	123300.	171.1	171.2	164.4
Stddev	78.	3.0	1185.	1.0	1.9	1.5
%RSD	.5957	.7166	.9608	.6029	1.111	.9229

#1	13080.	418.0	122600.	171.1	171.7	165.0
#2	13210.	423.0	124700.	172.0	172.8	165.6
#3	13060.	417.5	122600.	170.0	169.1	162.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	583.5	678.2	165.6	169.2	280.8	170.6
Stddev	2.8	6.4	1.8	1.2	1.9	2.0
%RSD	.4812	.9433	1.115	.6886	.6863	1.182

#1	582.3	682.5	165.2	169.4	280.6	171.8
#2	586.7	681.3	167.6	170.2	282.8	171.7
#3	581.5	670.8	164.0	167.9	278.9	168.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31207-a-8-a ms@3 Acquired: 9/22/2011 16:19:09 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	169.6	338.1	175.7
Stddev	1.6	3.1	1.0
%RSD	.9294	.9163	.5876

#1	170.7	336.4	176.9
#2	170.3	341.7	175.2
#3	167.8	336.2	175.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2452.9	37053.	5861.1
Stddev	3.2	197.	28.7
%RSD	.13193	.53226	.48884

#1	2451.5	37179.	5882.4
#2	2450.6	36825.	5828.5
#3	2456.6	37154.	5872.3

Sample Name: pds 460-31207-c-8-a@ Acquired: 9/22/2011 16:22:44 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2185.	2139.	52.00	2219.	53.66	52800.
Stddev	22.	19.	.32	24.	.20	99.
%RSD	1.006	.8730	.6221	1.065	.3704	.1878
#1	2173.	2149.	51.98	2237.	53.87	52750.
#2	2211.	2151.	52.34	2227.	53.65	52920.
#3	2172.	2118.	51.69	2192.	53.47	52740.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55.33	551.0	228.1	271.7	1650.	26760.
Stddev	.48	7.4	1.0	2.6	2.	109.
%RSD	.8662	1.344	.4283	.9534	.1135	.4085
#1	55.67	556.9	227.9	273.0	1649.	26640.
#2	55.53	553.2	229.1	273.5	1650.	26860.
#3	54.78	542.7	227.1	268.8	1653.	26770.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31207-c-8-a@ Acquired: 9/22/2011 16:22:44 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27900.	811.9	136100.	559.5	557.1	545.0
Stddev	117.	2.1	381.	5.6	4.4	5.7
%RSD	.4178	.2616	.2796	1.009	.7860	1.046

#1	27880.	812.6	135700.	563.6	560.9	549.9
#2	28020.	813.6	136200.	561.9	558.0	546.4
#3	27790.	809.5	136400.	553.1	552.3	538.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2093.	2275.	549.5	554.2	702.0	550.2
Stddev	19.	13.	1.7	5.7	5.4	7.4
%RSD	.9201	.5695	.3122	1.024	.7703	1.344

#1	2105.	2287.	549.8	558.3	706.8	555.7
#2	2103.	2276.	551.0	556.6	703.1	553.1
#3	2071.	2261.	547.6	547.7	696.2	541.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31207-c-8-a@ Acquired: 9/22/2011 16:22:44 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	548.3	699.0	548.8
Stddev	6.5	1.2	2.1
%RSD	1.180	.1757	.3829

#1	553.7	697.6	550.0
#2	550.1	700.0	550.1
#3	541.1	699.3	546.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2441.0	36655.	5891.7
Stddev	3.3	111.	13.7
%RSD	.13337	.30263	.23299

#1	2437.2	36753.	5876.2
#2	2442.9	36535.	5902.5
#3	2442.8	36677.	5896.4

Sample Name: CCV Acquired: 9/22/2011 16:26:16 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	2487.	1239.	10080.	976.5	126700.
Stddev	85.	27.	6.	78.	1.5	270.
%RSD	.0688	1.089	.4652	.7767	.1563	.2128

#1	124000.	2506.	1246.	10130.	975.9	126500.
#2	123900.	2500.	1237.	10130.	975.4	126600.
#3	124100.	2456.	1235.	9993.	978.3	127000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2500.	5007.	12320.	100700.	50800.
Stddev	11.	21.	28.	20.	472.	128.
%RSD	.8409	.8244	.5676	.1645	.4686	.2520

#1	1269.	2511.	5005.	12310.	101300.	50800.
#2	1269.	2513.	5036.	12310.	100600.	50670.
#3	1250.	2477.	4979.	12350.	100300.	50920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 16:26:16 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124300.	5046.	125000.	2535.	7555.	1008.
Stddev	516.	32.	407.	22.	53.	9.
%RSD	.4151	.6271	.3258	.8844	.7021	.9239

#1	124400.	5066.	124900.	2549.	7584.	1013.
#2	124800.	5009.	124700.	2548.	7588.	1014.
#3	123800.	5063.	125500.	2510.	7494.	997.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2451.	2562.	2497.	2508.	1000.	2527.
Stddev	20.	19.	10.	22.	6.	27.
%RSD	.7967	.7452	.4180	.8662	.6107	1.078

#1	2460.	2569.	2509.	2520.	1002.	2545.
#2	2464.	2577.	2494.	2521.	1005.	2540.
#3	2428.	2541.	2489.	2483.	993.1	2495.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/22/2011 16:26:16 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1008.	4994.	9815.
Stddev	11.	10.	5.
%RSD	1.128	.1916	.0477

#1	1013.	4987.	9810.
#2	1015.	4990.	9818.
#3	994.4	5005.	9817.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2349.9	35510.	5788.3
Stddev	5.2	70.	34.0
%RSD	.22128	.19712	.58729

#1	2354.3	35527.	5817.5
#2	2344.1	35570.	5796.4
#3	2351.2	35433.	5751.0

Sample Name: CCB Acquired: 9/22/2011 16:29:51 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.628	1.914	-.4672	.1027	-.0252	-2.562
Stddev	7.001	1.193	.7186	.1338	.0603	13.16
%RSD	266.4	62.33	153.8	130.3	239.1	513.8
#1	-9.821	3.284	.2669	.1654	.0192	-11.46
#2	4.163	1.342	-.4996	.1936	-.0938	-8.782
#3	-2.226	1.114	-1.169	-.0509	-.0011	12.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0592	.1511	.4045	1.744	8.510	123.5
Stddev	.0656	.3234	.2528	.618	5.043	24.8
%RSD	110.9	214.0	62.51	35.42	59.26	20.09
#1	.0699	.2495	.2099	1.032	3.794	151.9
#2	-.0111	.4140	.6903	2.064	7.910	112.3
#3	.1188	-.2101	.3133	2.136	13.83	106.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 16:29:51 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.094	.0752	104.7	-.5000	.4398	4.363
Stddev	1.551	.0090	9.3	.2445	1.236	1.162
%RSD	141.7	11.99	8.870	48.89	281.0	26.62

#1	1.100	.0835	103.9	-.7263	-.5453	3.249
#2	2.642	.0656	114.4	-.2407	.0384	4.273
#3	-.4590	.0764	95.89	-.5331	1.826	5.567

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7012	-.1393	.1661	.0157	2.295	4.601
Stddev	1.621	.8752	.8456	.2236	.959	.293
%RSD	231.2	628.1	509.2	1420.	41.78	6.359

#1	2.208	.1331	.8949	.1546	3.384	4.787
#2	.9100	-1.118	-.7610	-.2422	1.578	4.752
#3	-1.014	.5672	.3642	.1348	1.923	4.264

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/22/2011 16:29:51 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

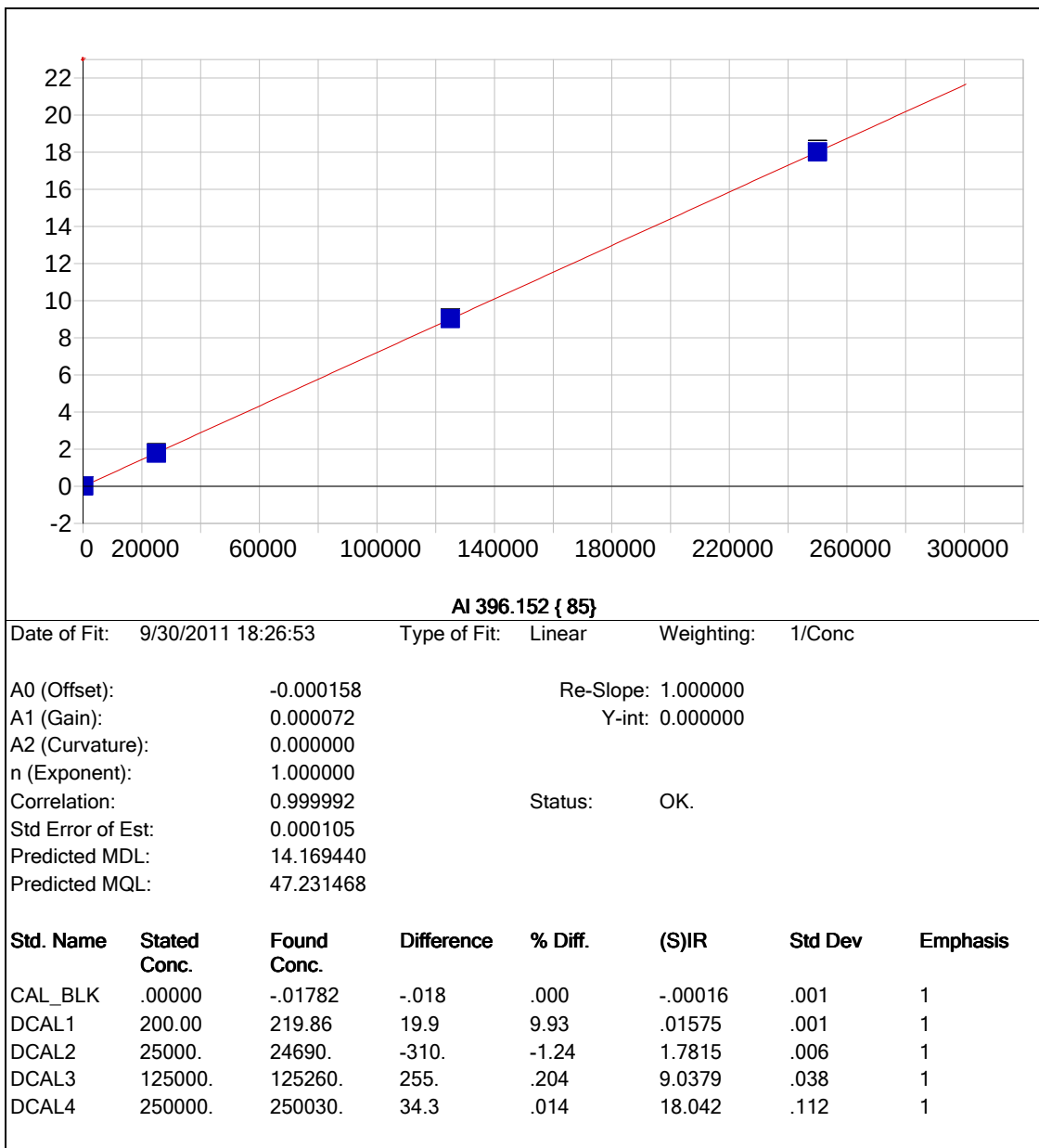
Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1392	.0893	2.159
Stddev	.2095	.2815	2.453
%RSD	150.5	315.3	113.6

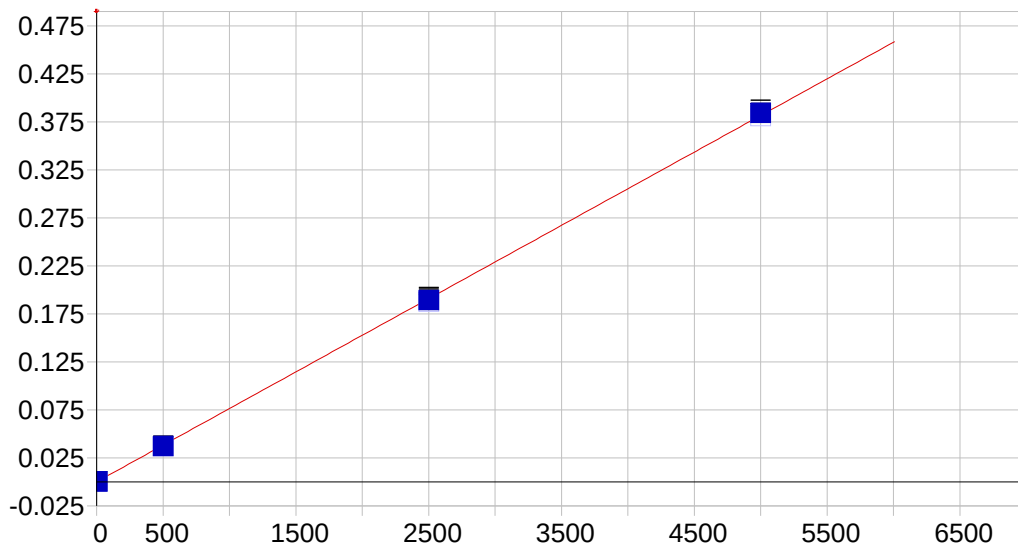
#1	.1020	.3975	.4868
#2	-.2755	.0246	1.015
#3	-.2441	-.1543	4.974

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2541.8	39187.	5846.4
Stddev	5.4	89.	24.1
%RSD	.21078	.22650	.41266

#1	2539.6	39224.	5828.1
#2	2547.9	39086.	5873.8
#3	2537.9	39251.	5837.4



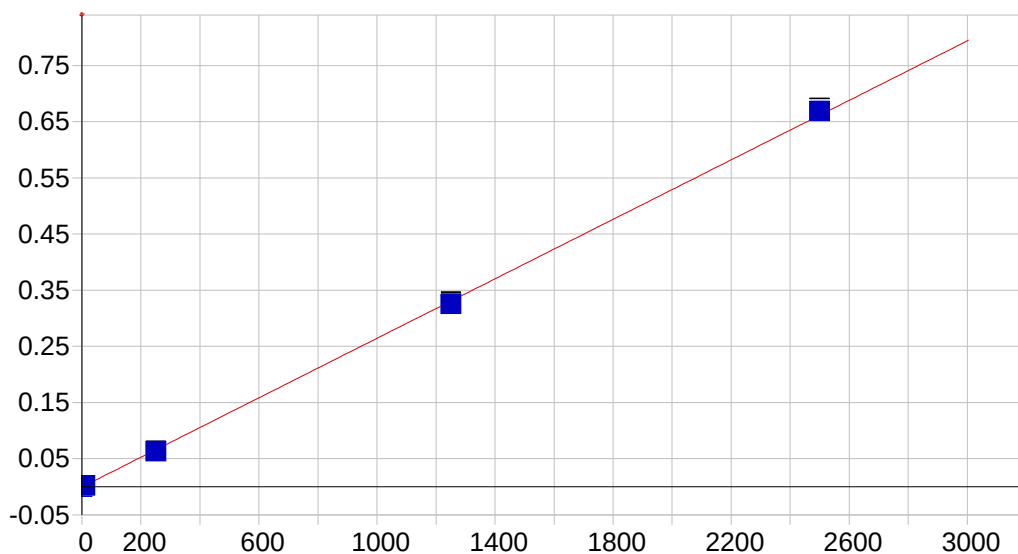


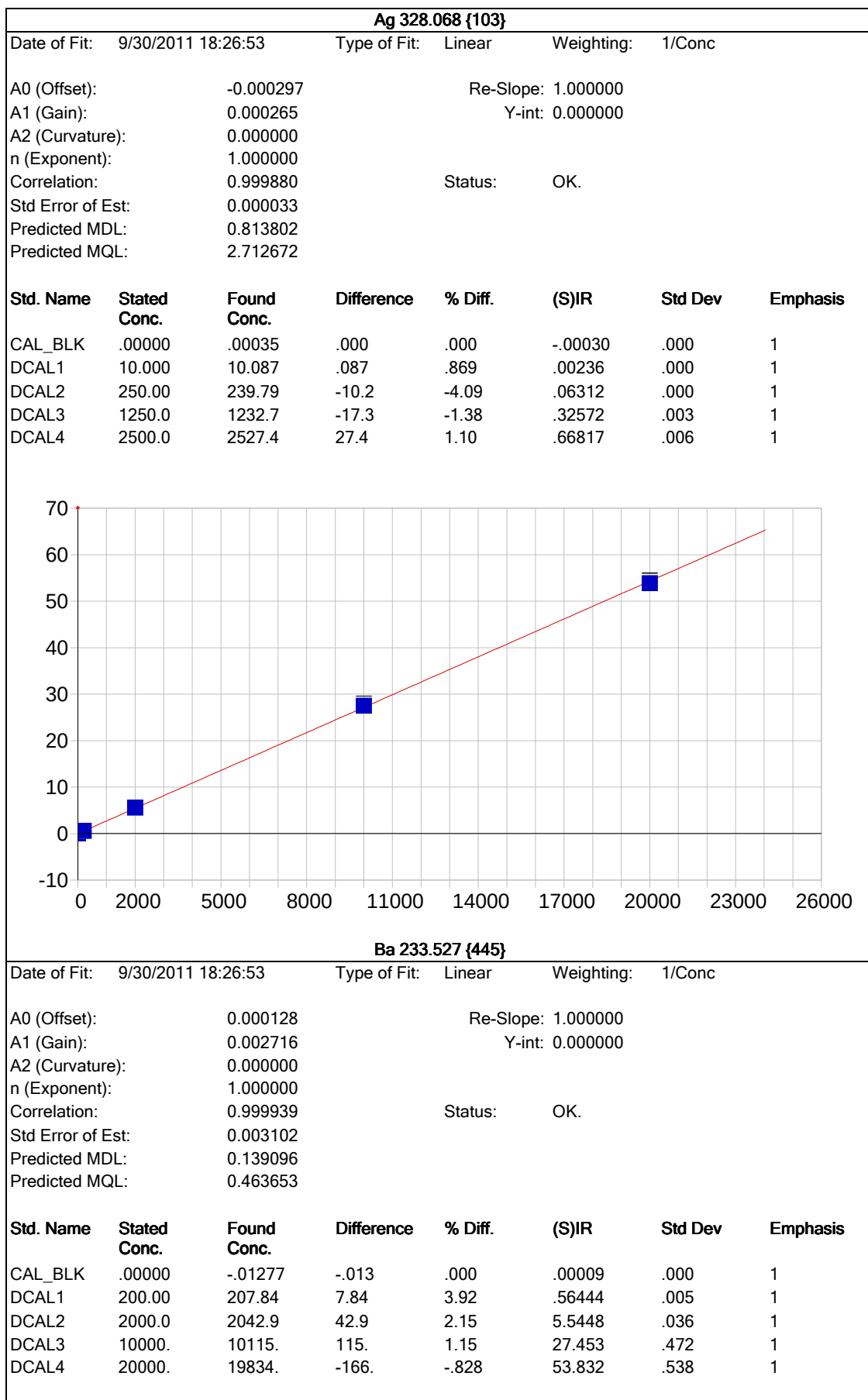
As 189.042 {478}

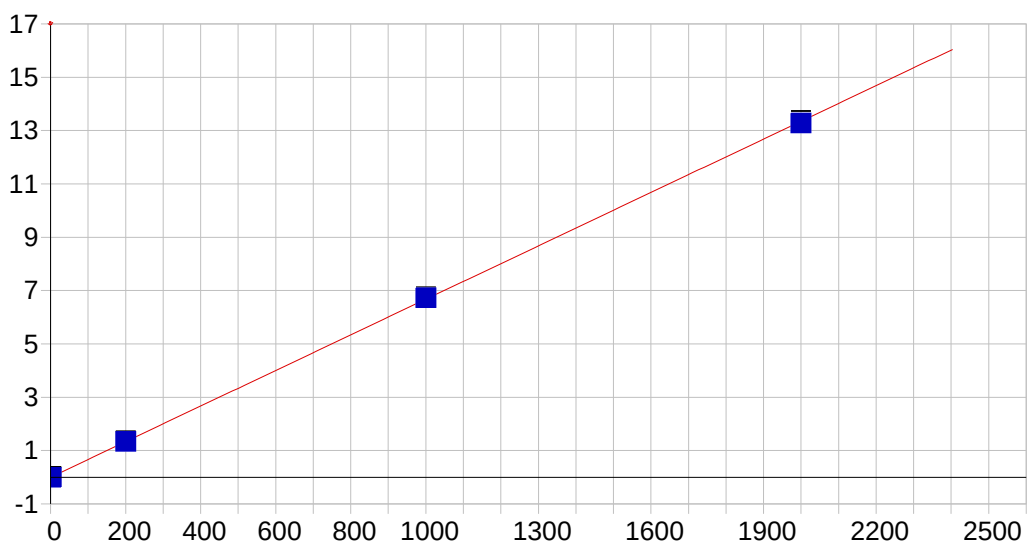
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.000076 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 2.448484
 Predicted MQL: 8.161615

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00095	.001	.000	.00010	.000	1
DCAL1	5.0000	4.1959	-.804	-16.1	.00042	.000	1
DCAL2	500.00	486.08	-13.9	-2.78	.03687	.000	1
DCAL3	2500.0	2480.9	-19.1	-.765	.18779	.003	1
DCAL4	5000.0	5033.8	33.8	.677	.38097	.003	1





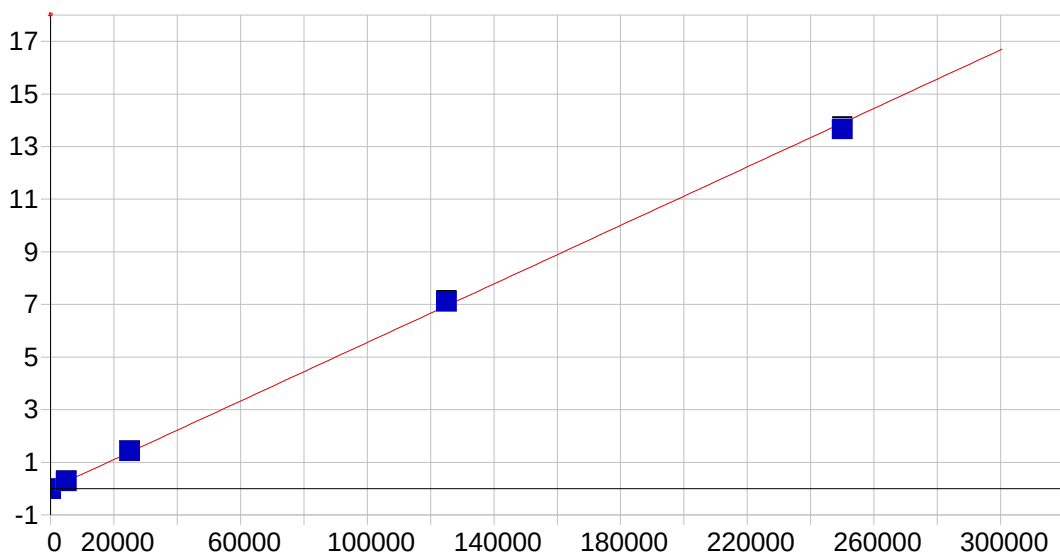


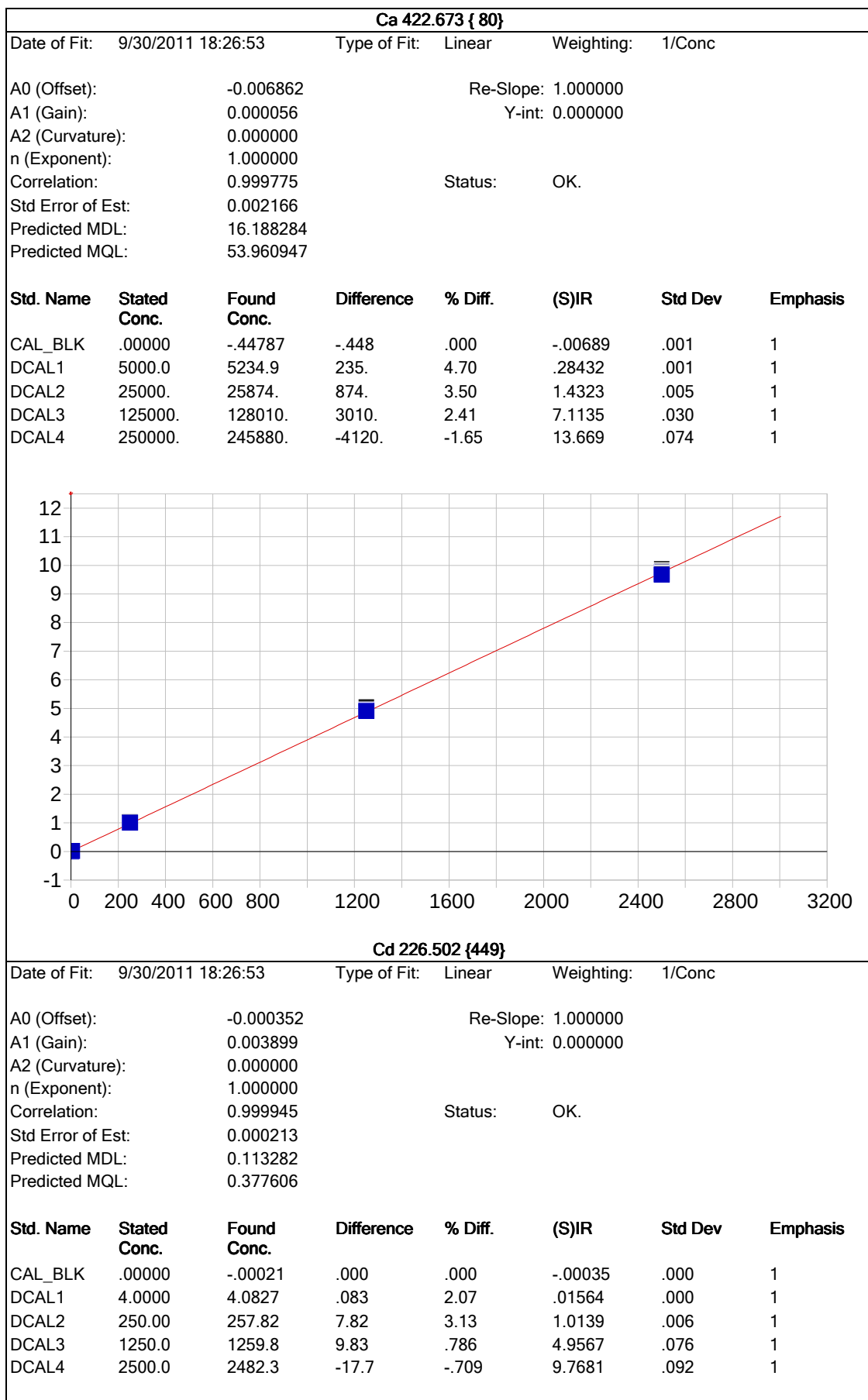
Be 313.042 {108}

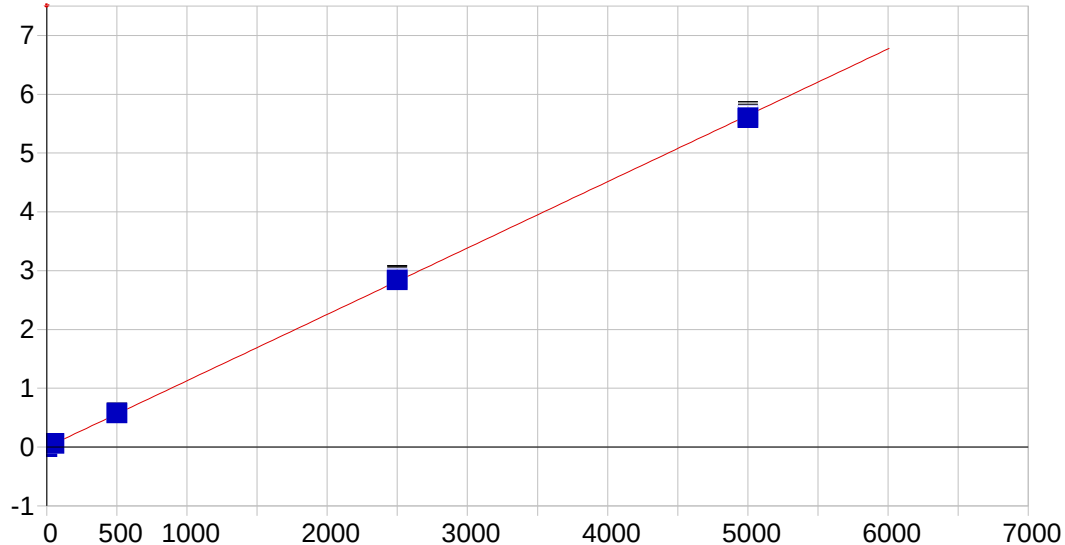
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000501 Re-Slope: 1.000000
 A1 (Gain): 0.006675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.113009
 Predicted MQL: 0.376697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00013	.000	.000	-.00050	.001	1
DCAL1	2.0000	2.1087	.109	5.43	.01358	.001	1
DCAL2	200.00	201.65	1.65	.827	1.3459	.004	1
DCAL3	1000.0	1008.3	8.33	.833	6.7318	.026	1
DCAL4	2000.0	1989.9	-10.1	-.505	13.286	.080	1





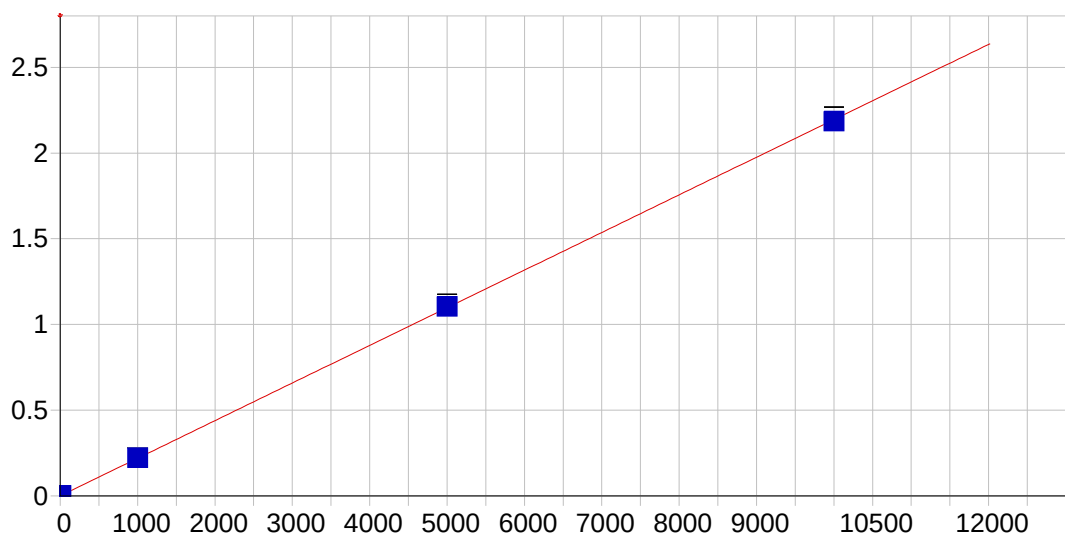


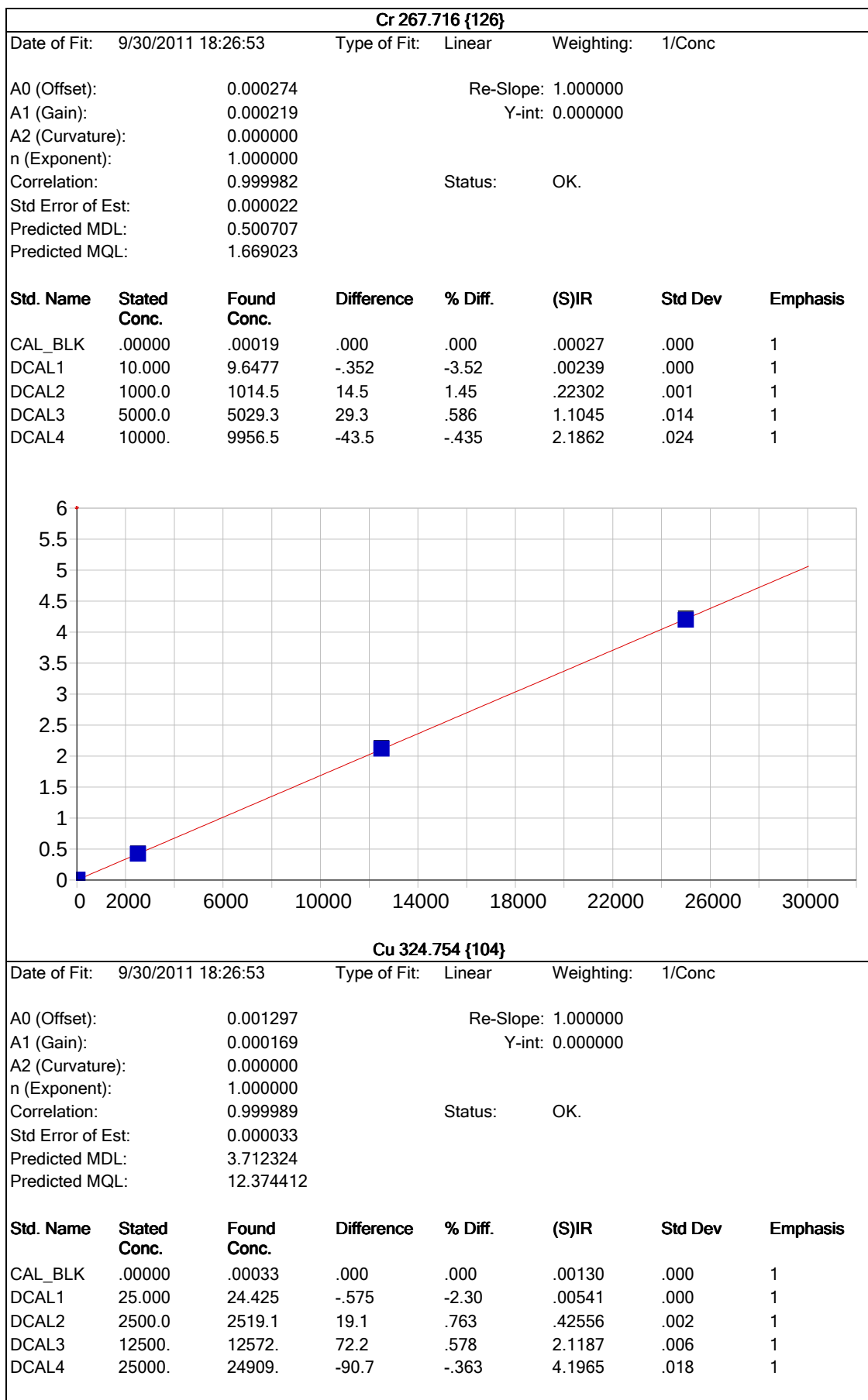
Co 228.616 {447}

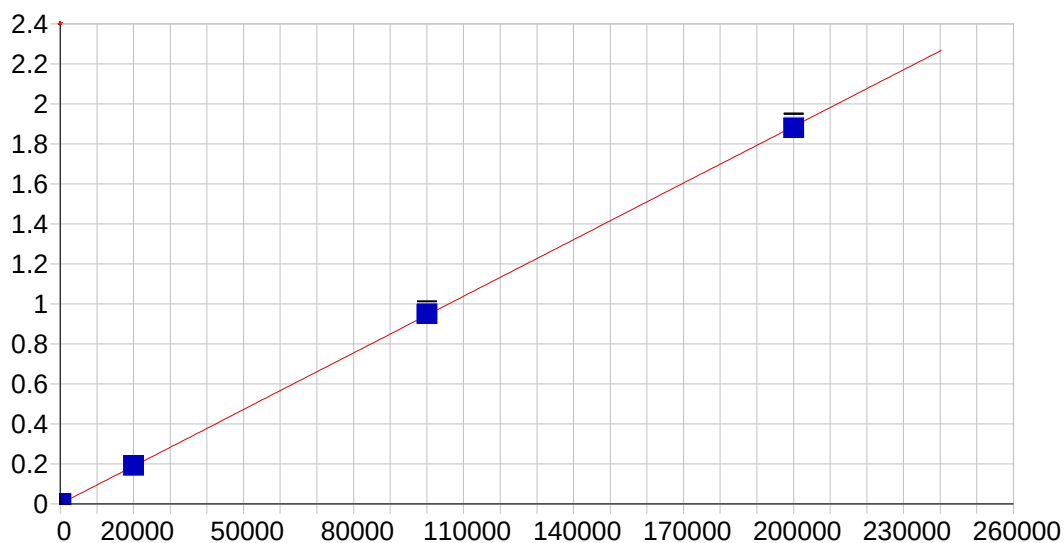
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000463 Re-Slope: 1.000000
 A1 (Gain): 0.001129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.330811
 Predicted MQL: 1.102704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00405	-.004	.000	-.00047	.000	1
DCAL1	50.000	52.548	2.55	5.10	.05883	.000	1
DCAL2	500.00	514.65	14.6	2.93	.58494	.004	1
DCAL3	2500.0	2520.6	20.6	.824	2.8671	.051	1
DCAL4	5000.0	4962.2	-37.8	-.755	5.6456	.059	1





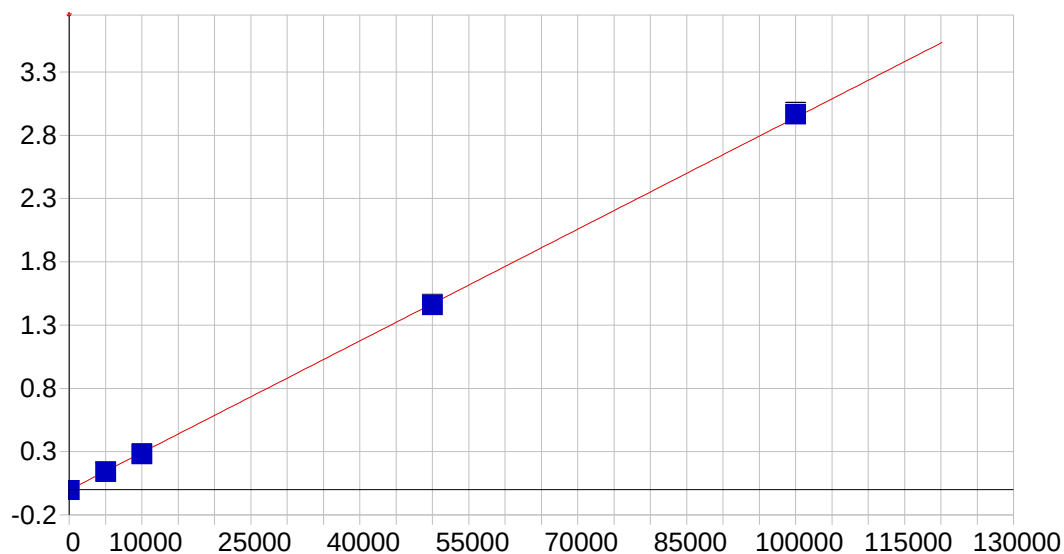


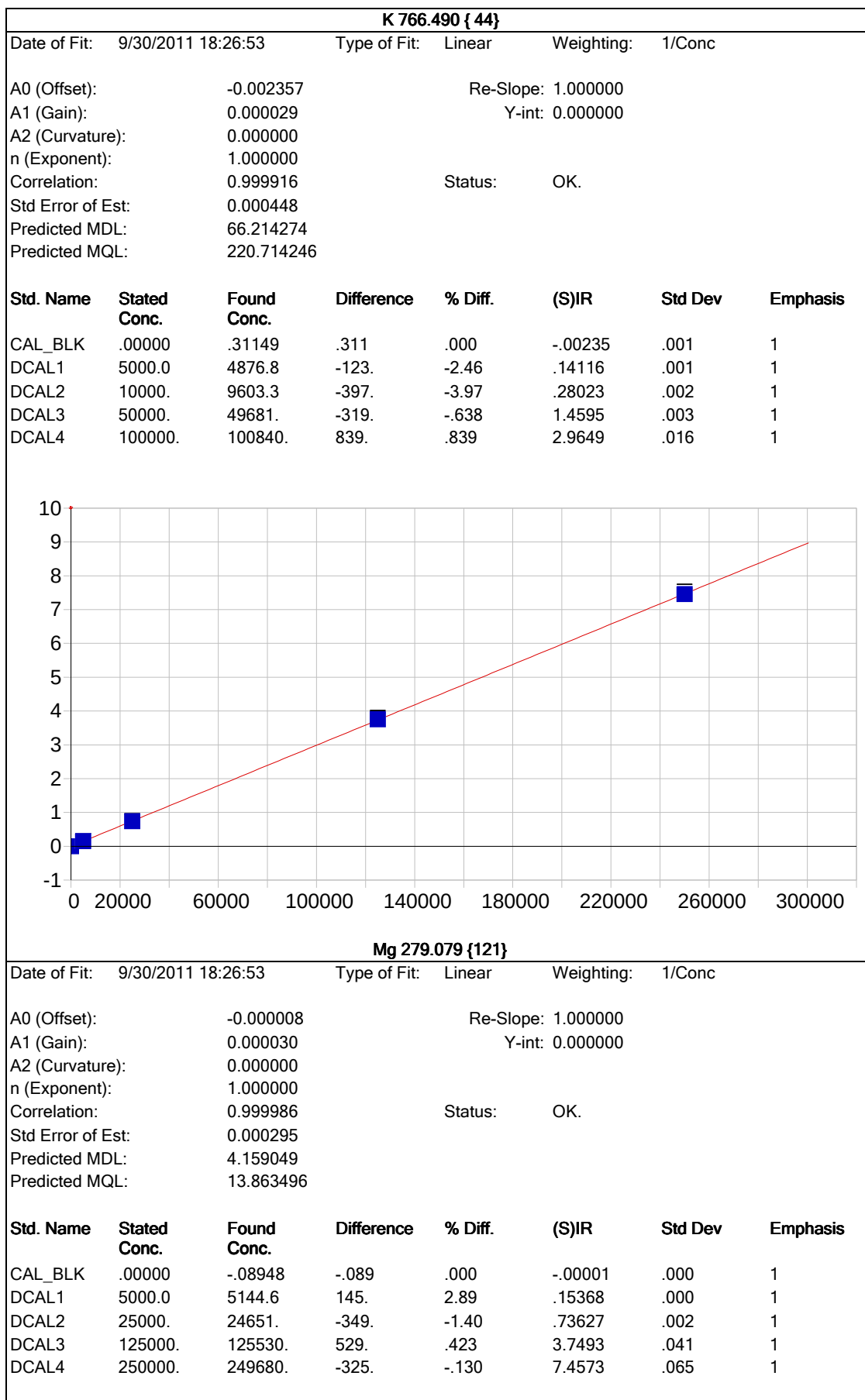
Fe 271.441 {124}

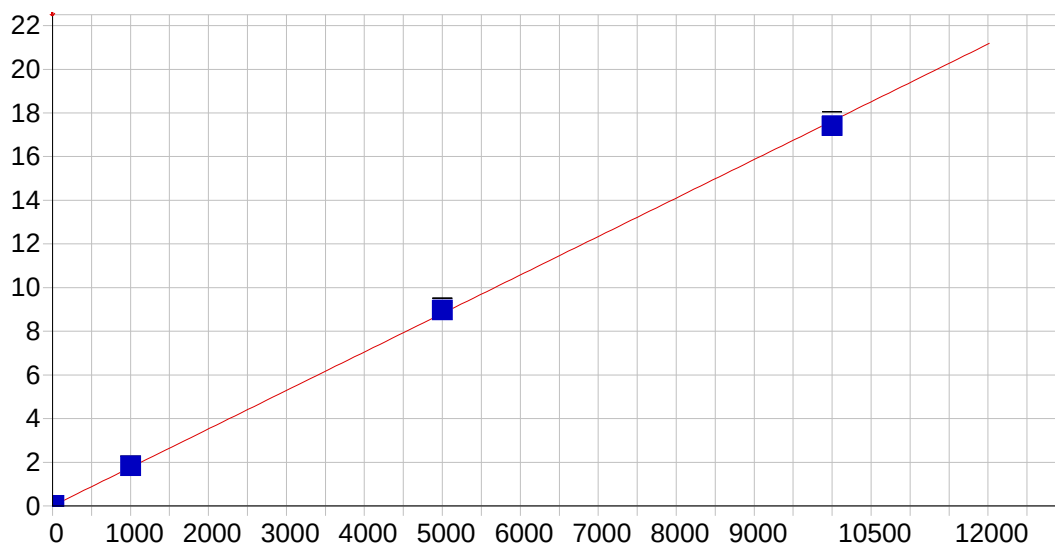
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.000009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 11.892735
 Predicted MQL: 39.642451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00771	.008	.000	.00013	.000	1
DCAL1	150.00	140.08	-9.92	-6.62	.00149	.000	1
DCAL2	20000.	20259.	259.	1.29	.19181	.000	1
DCAL3	100000.	100620.	618.	.618	.95217	.012	1
DCAL4	200000.	199130.	-867.	-.433	1.8844	.020	1





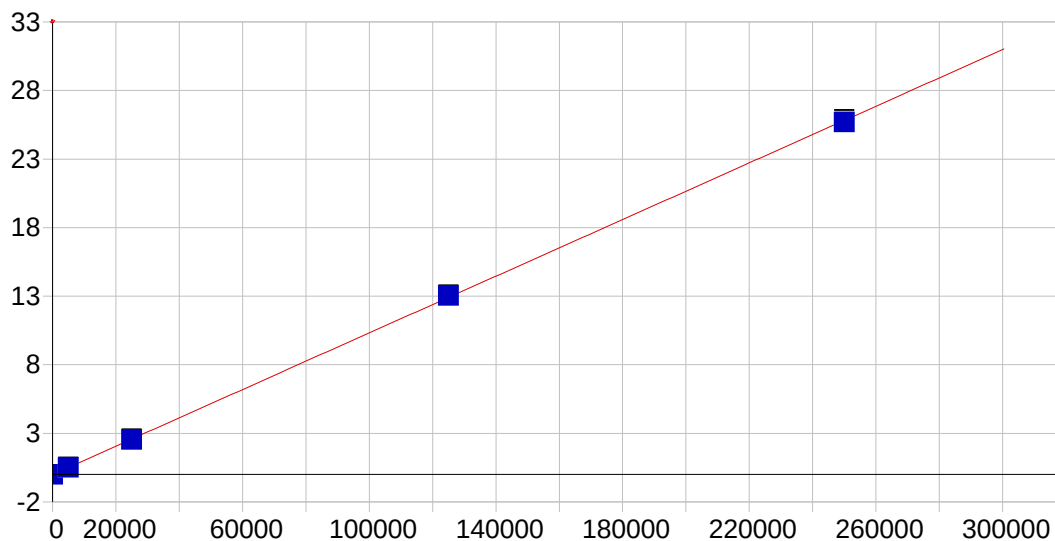


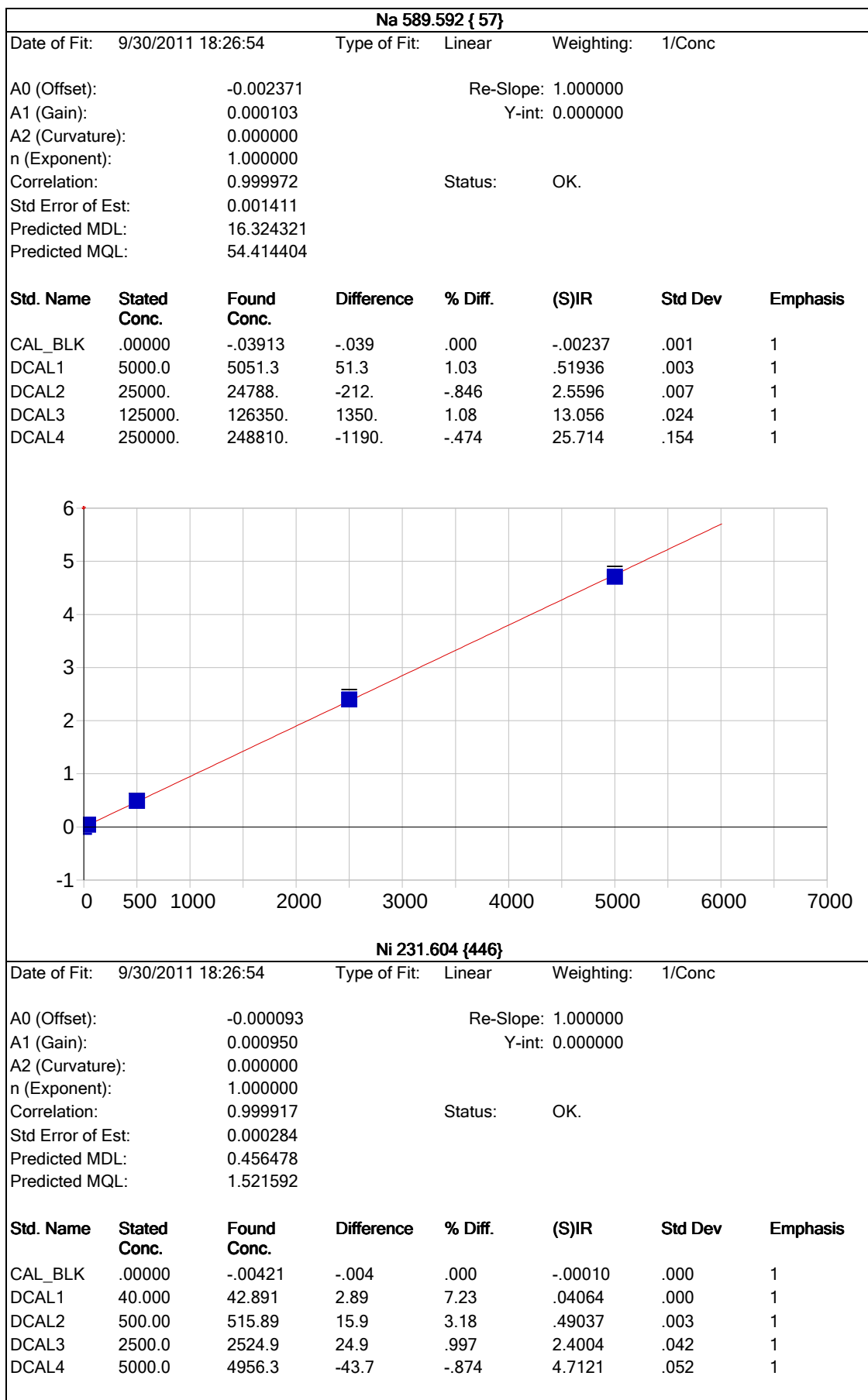
Mn 257.610 {131}

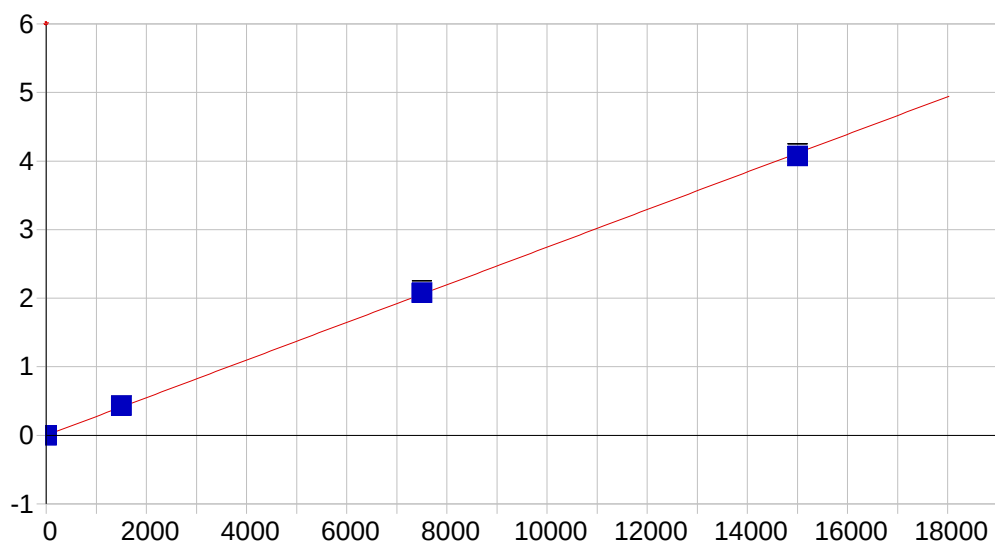
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000148 Re-Slope: 1.000000
 A1 (Gain): 0.001763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000575
 Predicted MDL: 0.076001
 Predicted MQL: 0.253337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00163	-.002	.000	.00015	.000	1
DCAL1	15.000	16.026	1.03	6.84	.02844	.000	1
DCAL2	1000.0	1035.4	35.4	3.54	1.8255	.008	1
DCAL3	5000.0	5085.3	85.3	1.71	8.9652	.098	1
DCAL4	10000.	9878.3	-122.	-1.22	17.415	.190	1





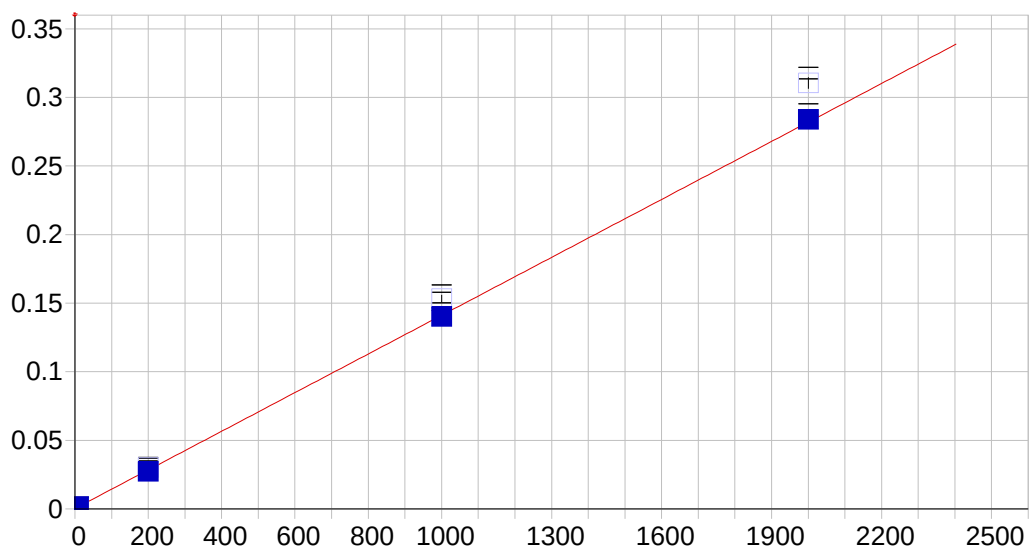


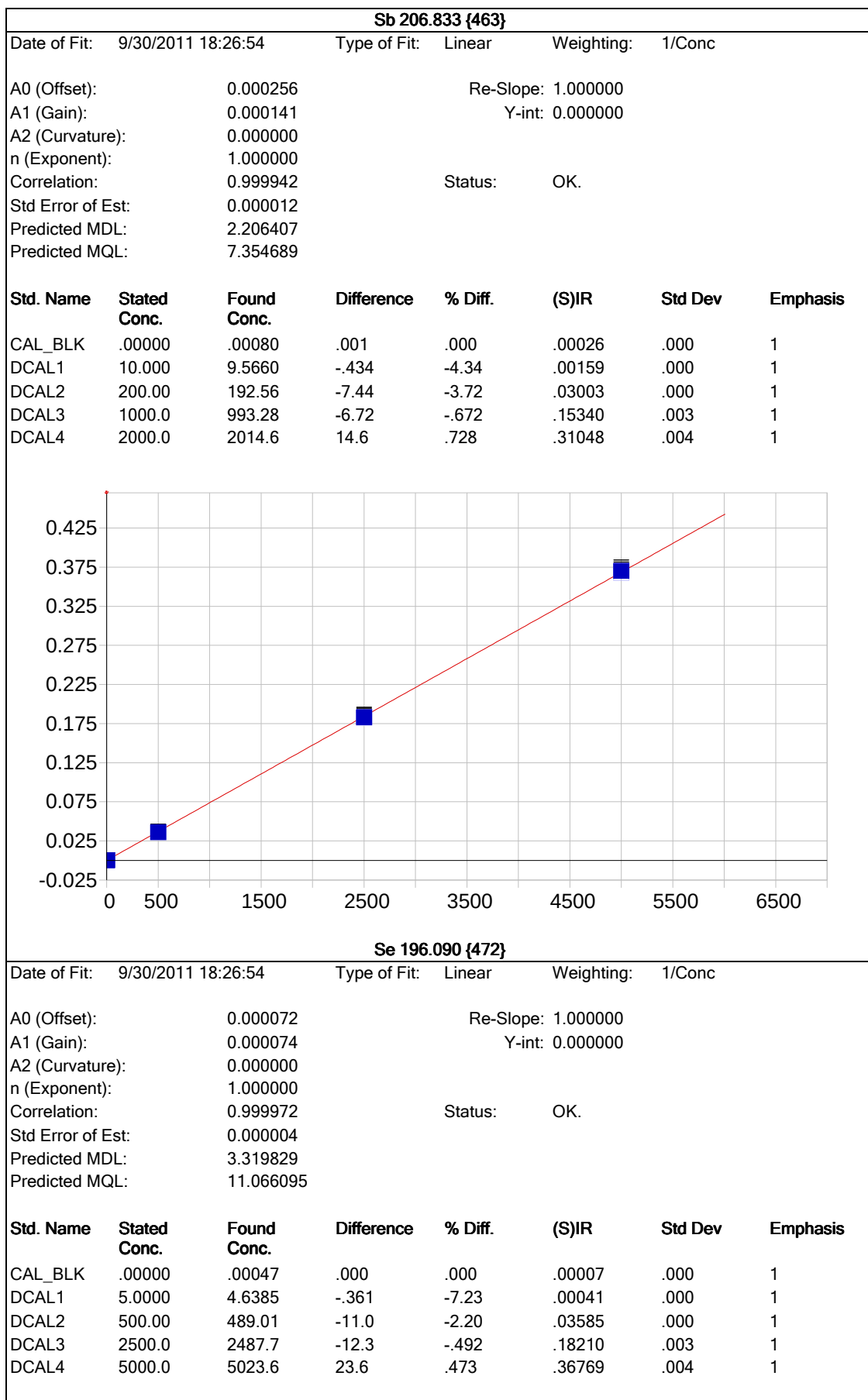
Pb 220.353 {453}

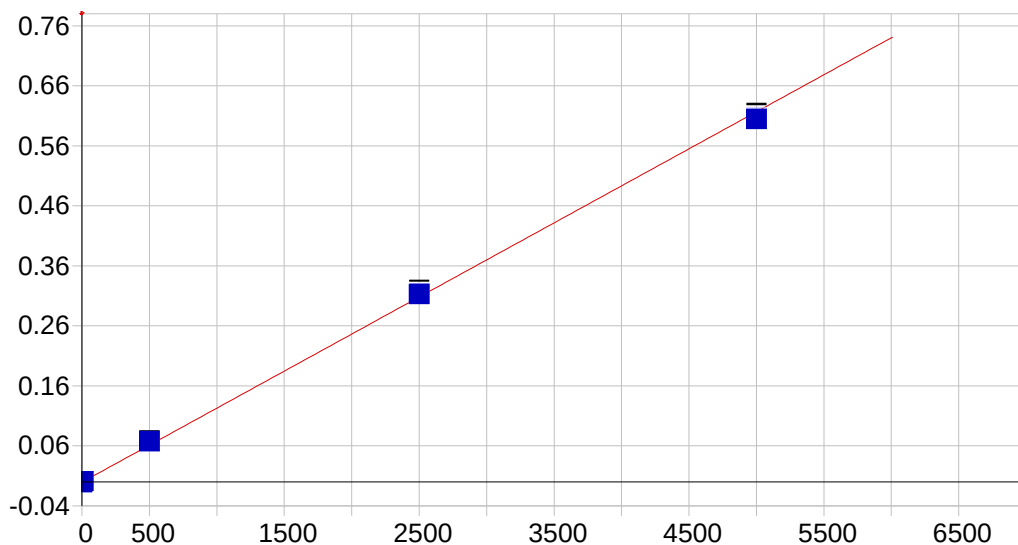
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000499 Re-Slope: 1.000000
 A1 (Gain): 0.000274 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 1.535625
 Predicted MQL: 5.118751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00023	.000	.000	.00050	.001	1
DCAL1	5.0000	4.9761	-.024	-.479	.00186	.000	1
DCAL2	1500.0	1575.1	75.1	5.01	.43240	.002	1
DCAL3	7500.0	7581.8	81.8	1.09	2.0794	.030	1
DCAL4	15000.	14843.	-157.	-1.05	4.0704	.037	1





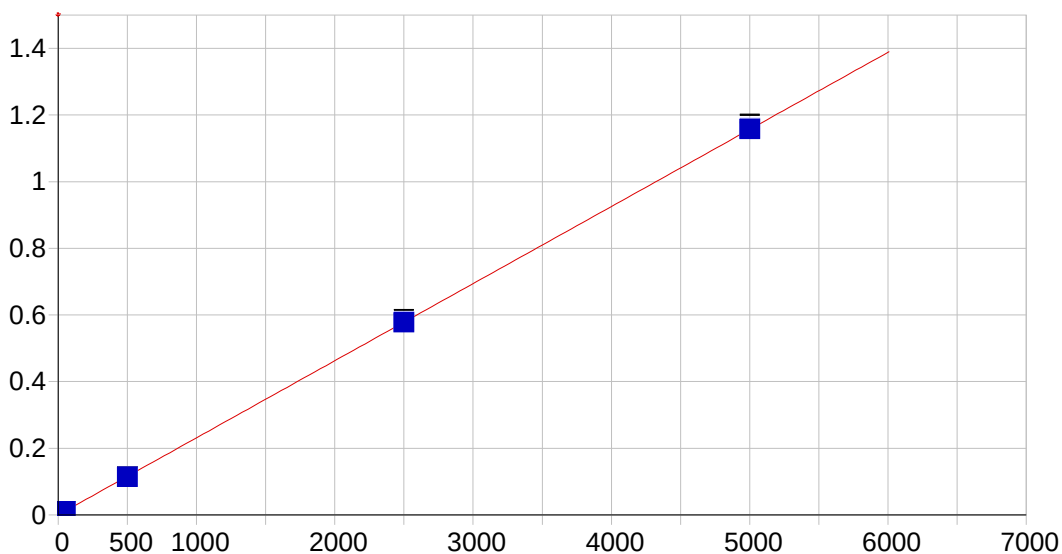


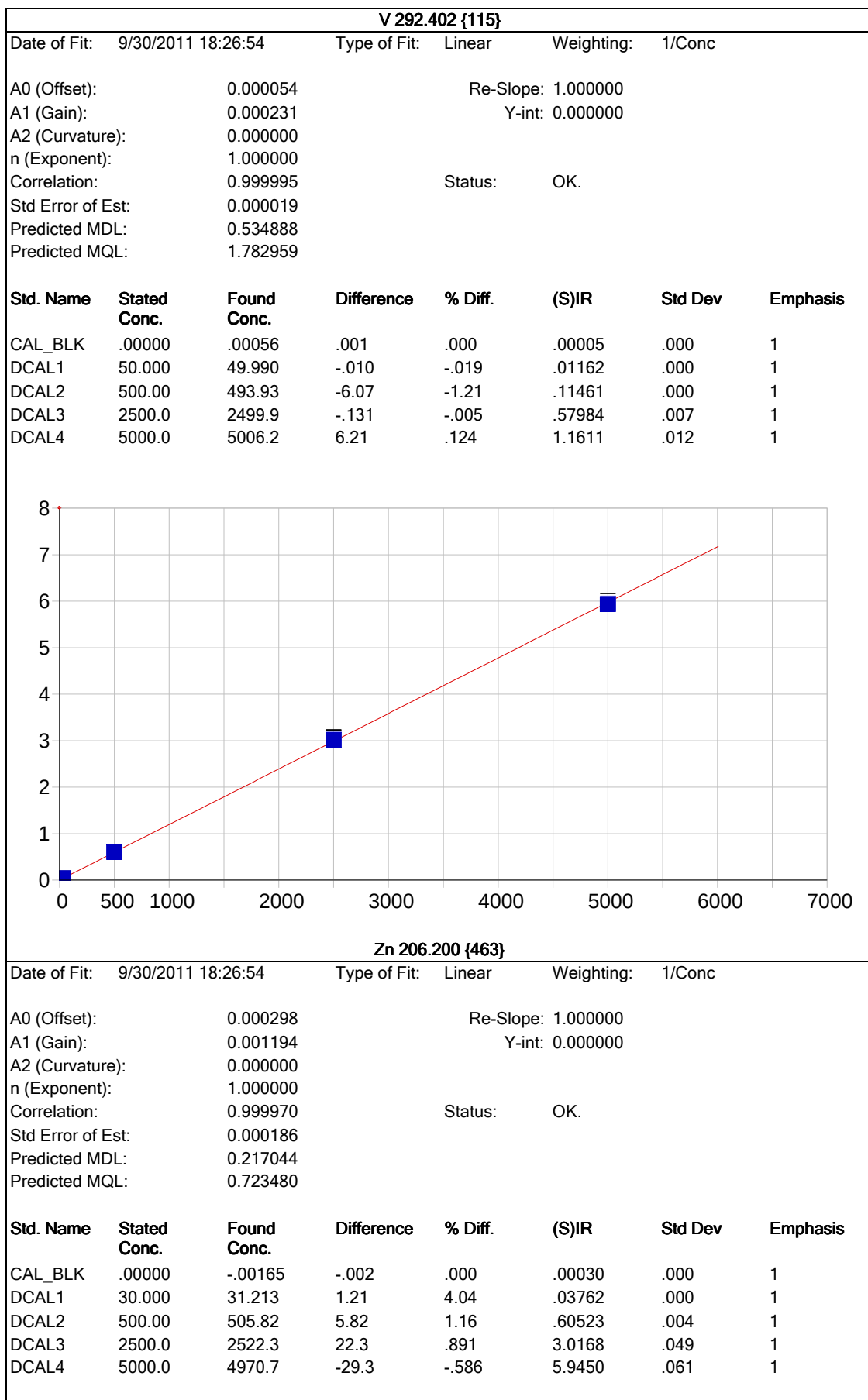
TI 190.856 {477}

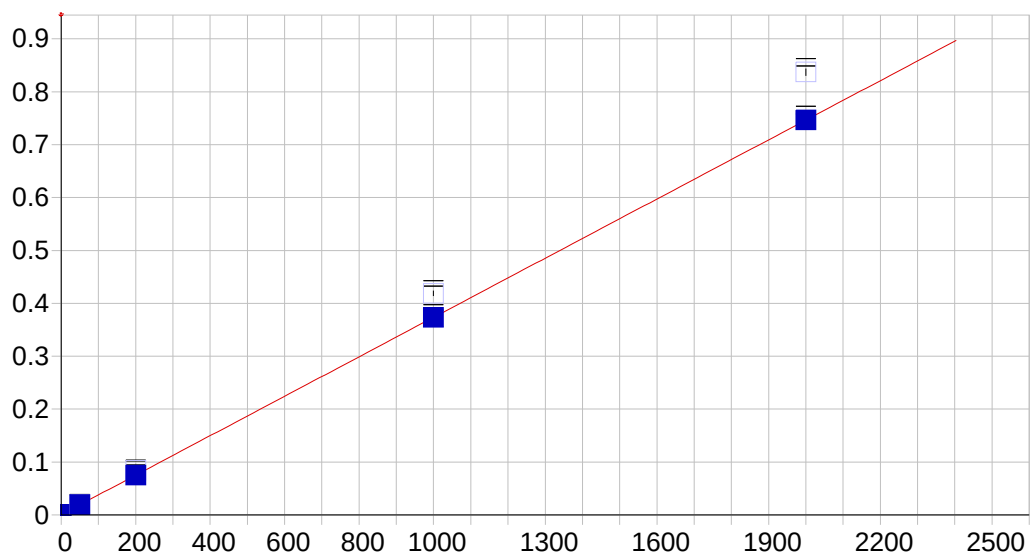
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000499 Re-Slope: 1.000000
 A1 (Gain): 0.000123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999309 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 2.113104
 Predicted MQL: 7.043681

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00670	-.007	.000	-.00050	.000	1
DCAL1	10.000	15.697	5.70	57.0	.00148	.000	1
DCAL2	500.00	552.20	52.2	10.4	.06786	.001	1
DCAL3	2500.0	2538.5	38.5	1.54	.31384	.005	1
DCAL4	5000.0	4903.5	-96.5	-1.93	.60678	.007	1





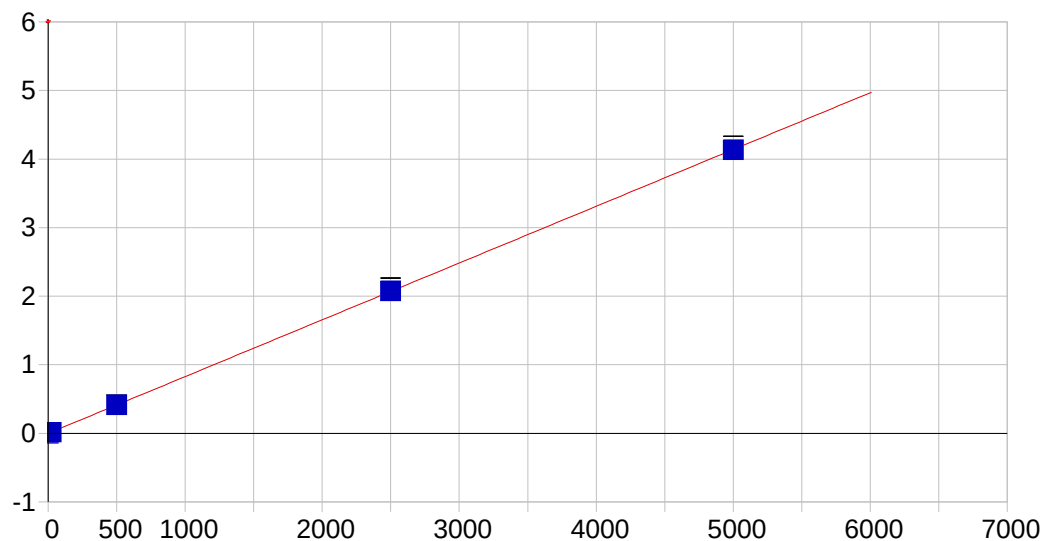


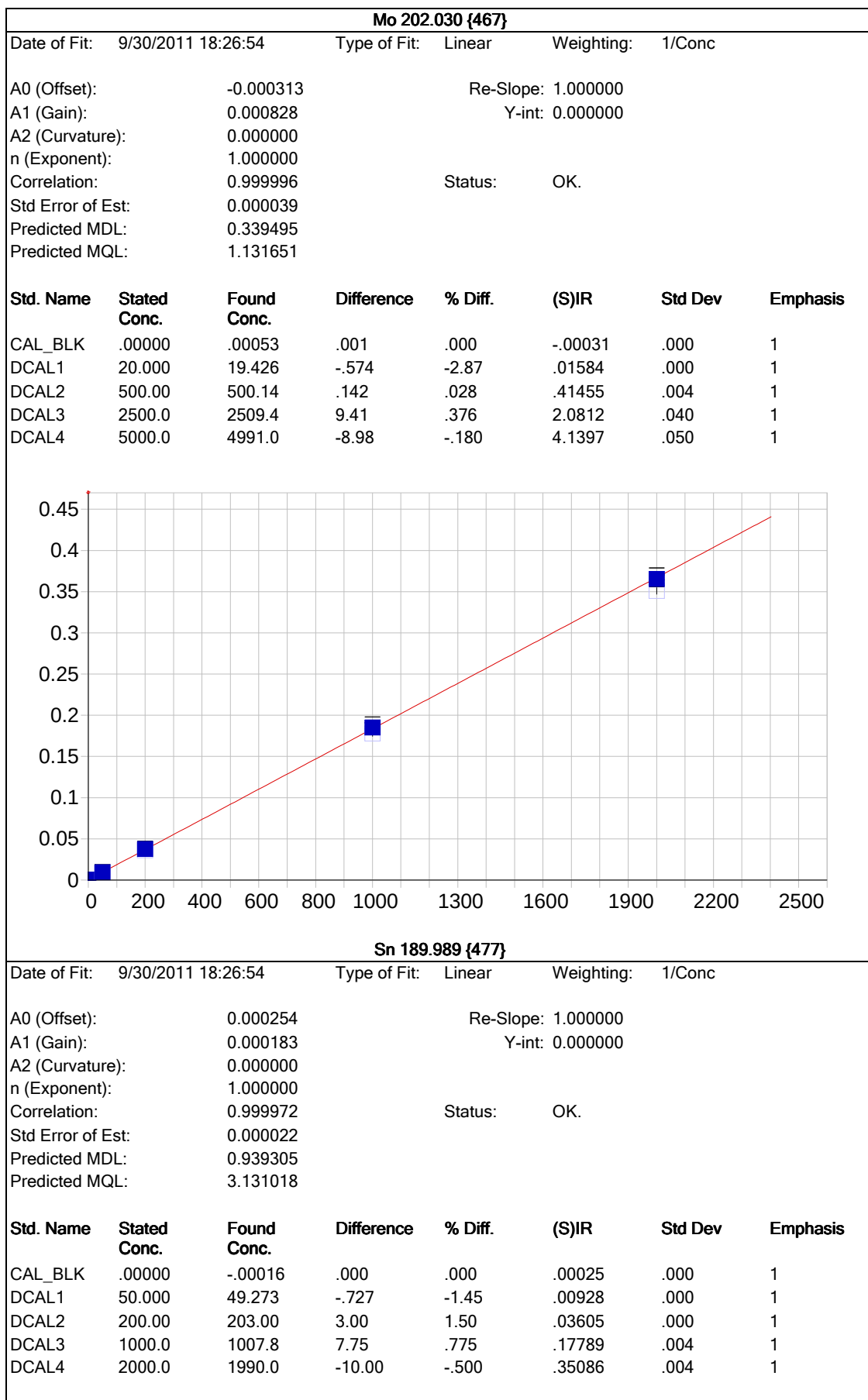
B 208.959 {461}

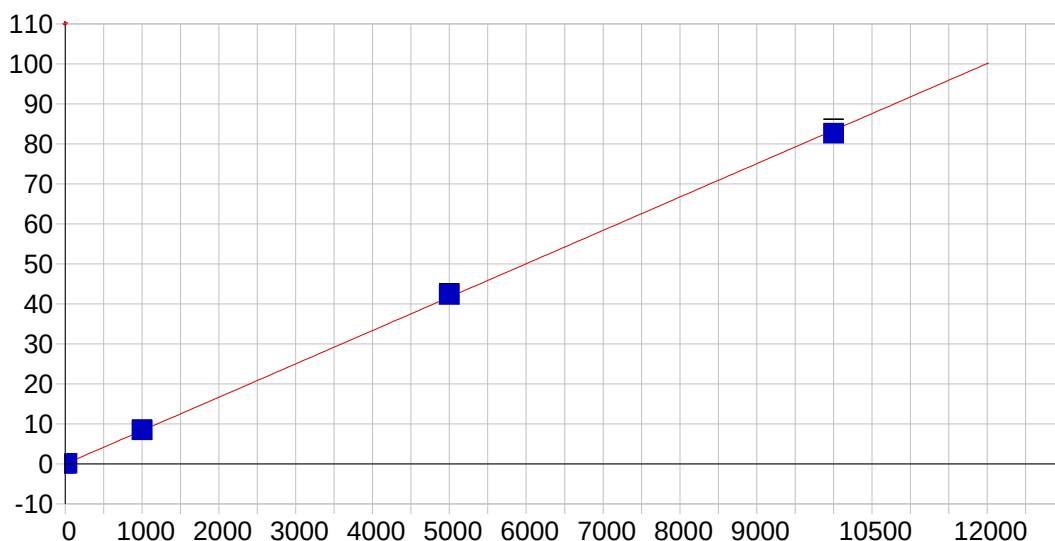
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000549 Re-Slope: 1.000000
 A1 (Gain): 0.000373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 1.000000 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.771836
 Predicted MQL: 2.572785

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00001	.000	.000	.00055	.000	1
DCAL1	50.000	50.165	.165	.331	.01963	.000	1
DCAL2	200.00	199.30	-.699	-.349	.08393	.001	1
DCAL3	1000.0	1000.3	.273	.027	.41887	.005	1
DCAL4	2000.0	2000.3	.275	.014	.83710	.007	1





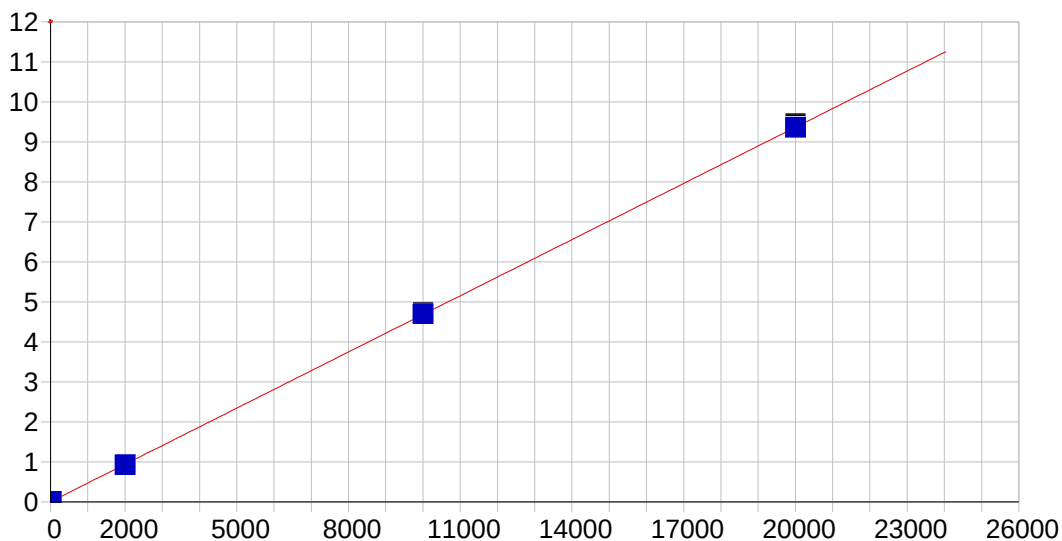


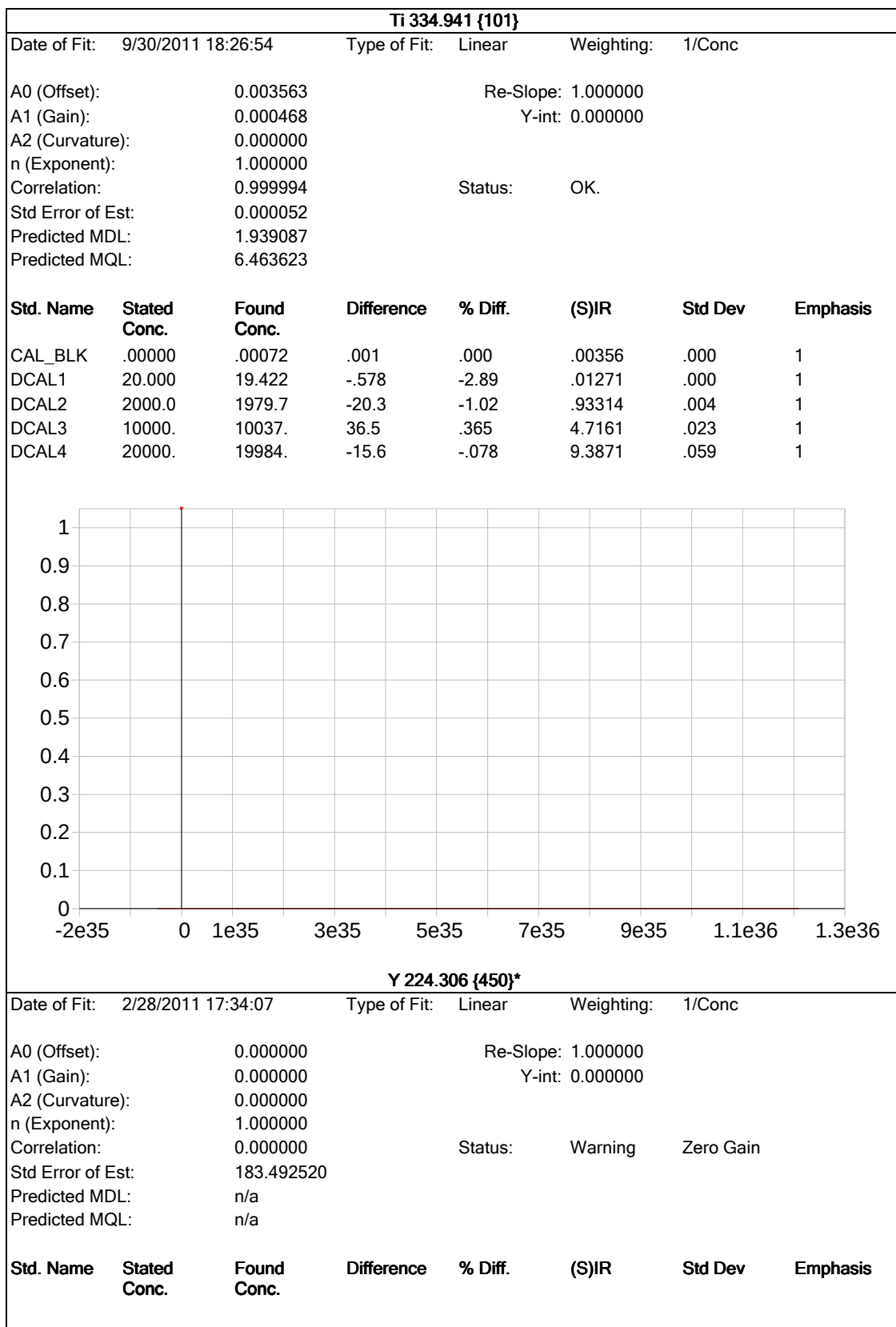
Sr 407.771 { 83}

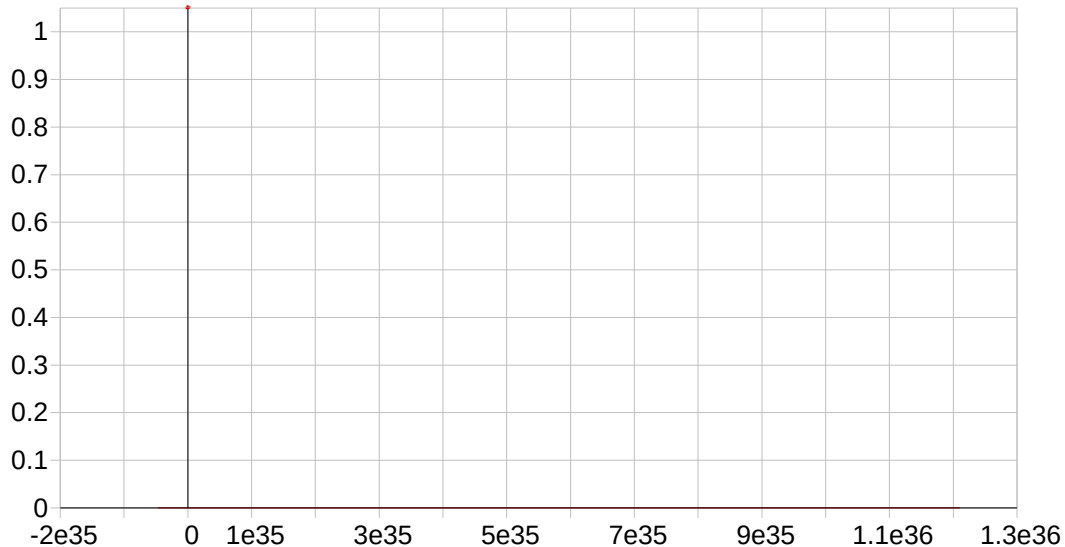
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002960 Re-Slope: 1.000000
 A1 (Gain): 0.008340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.002189
 Predicted MDL: 0.119987
 Predicted MQL: 0.399958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00061	-.001	.000	-.00297	.002	1
DCAL1	20.000	20.210	.210	1.05	.16617	.001	1
DCAL2	1000.0	1014.3	14.3	1.43	8.4590	.029	1
DCAL3	5000.0	5073.7	73.7	1.47	42.327	.213	1
DCAL4	10000.	9911.8	-88.2	-.882	82.692	.994	1





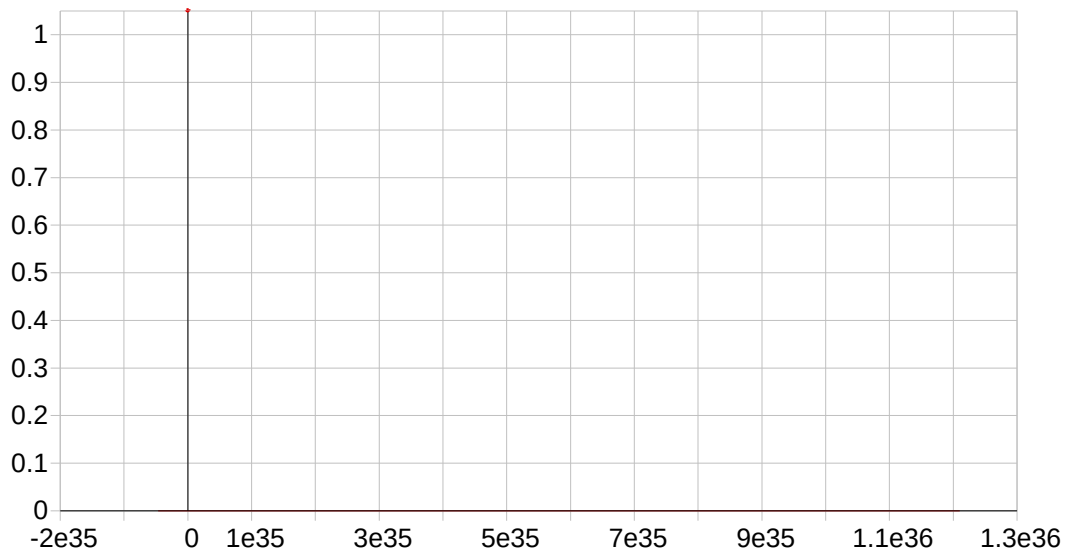


Y 360.073 { 94}*

Date of Fit: 5/4/2010 9:11:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit: 12/31/2010 16:51:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000			Status:	Warning	Zero Gain	
Std Error of Est:	192.759705						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: CAL_BLK Acquired: 9/30/2011 18:08:20 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	.0001	-.0003	.0001	-.0005	-.0069
Stddev	.0008	.0001	.0003	.0003	.0006	.0009
%RSD	502.6	138.6	95.88	326.0	112.5	13.09

#1	-.0009	.0000	-.0002	-.0002	-.0005	-.0079
#2	.0007	.0003	-.0001	.0004	-.0010	-.0061
#3	-.0002	.0000	-.0006	.0001	.0001	-.0066

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0004	-.0005	.0003	.0013	.0001	-.0023
Stddev	.0002	.0002	.0001	.0005	.0001	.0007
%RSD	47.62	43.96	30.12	37.09	71.42	28.19

#1	-.0005	-.0003	.0002	.0008	.0001	-.0024
#2	-.0004	-.0007	.0002	.0015	.0001	-.0030
#3	-.0002	-.0004	.0004	.0017	.0002	-.0016

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0001	-.0024	-.0001	.0005	.0003
Stddev	.000	.0000	.0011	.0002	.0006	.0002
%RSD	110.3	21.89	45.92	204.3	117.3	92.21

#1	.0000	.0001	-.0012	-.0003	.0001	.0000
#2	.0000	.0002	-.0034	.0001	.0002	.0003
#3	.0000	.0001	-.0026	.0000	.0012	.0005

Sample Name: CAL_BLK Acquired: 9/30/2011 18:08:20 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0005	.0001	.0003	.0005	-.0003
Stddev	.0003	.0003	.0000	.0001	.0001	.0001
%RSD	474.7	58.91	32.58	27.14	15.73	38.36

#1	-.0003	-.0003	.0000	.0003	.0006	-.0004
#2	.0002	-.0008	.0001	.0004	.0004	-.0002
#3	.0004	-.0004	.0001	.0002	.0006	-.0003

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0030	.0036
Stddev	.0001	.0020	.0005
%RSD	32.45	65.83	13.06

#1	.0002	-.0045	.0034
#2	.0003	-.0008	.0032
#3	.0002	-.0036	.0041

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2521.6	36555.	5389.3
Stddev	2.9	131.	6.8
%RSD	.11643	.35818	.12536

#1	2518.4	36704.	5390.9
#2	2522.2	36502.	5395.1
#3	2524.2	36458.	5381.9

Sample Name: DCAL1 Acquired: 9/30/2011 18:12:12 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0158	.0004	.0024	.5644	.0136	.2843
Stddev	.0006	.0002	.0001	.0046	.0010	.0014
%RSD	3.637	47.42	4.715	.8075	7.444	.4756

#1	.0155	.0003	.0025	.5675	.0145	.2843
#2	.0154	.0003	.0022	.5667	.0125	.2857
#3	.0164	.0007	.0024	.5592	.0137	.2830

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0156	.0588	.0024	.0054	.0015	.1412
Stddev	.0003	.0002	.0000	.0002	.0000	.0008
%RSD	1.858	.3582	.4066	3.719	2.623	.5408

#1	.0158	.0590	.0024	.0056	.0014	.1413
#2	.0153	.0589	.0024	.0053	.0015	.1403
#3	.0158	.0586	.0024	.0053	.0015	.1418

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1537	.0284	.5194	.0406	.0019	.0016
Stddev	.0005	.0001	.0026	.0004	.0002	.0003
%RSD	.2952	.2331	.5088	.9539	10.80	17.30

#1	.1534	.0284	.5222	.0409	.0021	.0015
#2	.1542	.0285	.5169	.0408	.0018	.0019
#3	.1534	.0284	.5190	.0402	.0017	.0014

Sample Name: DCAL1 Acquired: 9/30/2011 18:12:12 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	.0015	.0116	.0376	.0196	.0158
Stddev	.0001	.0002	.0001	.0000	.0003	.0004
%RSD	31.11	11.03	.6968	.1237	1.394	2.248

#1	.0005	.0014	.0115	.0376	.0197	.0161
#2	.0003	.0017	.0117	.0377	.0199	.0160
#3	.0005	.0013	.0117	.0376	.0193	.0154

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0093	.1662	.0127
Stddev	.0002	.0010	.0002
%RSD	2.422	.6300	1.910

#1	.0094	.1657	.0126
#2	.0095	.1674	.0130
#3	.0090	.1654	.0126

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2506.7	36150.	5392.3
Stddev	2.6	48.	9.0
%RSD	.10509	.13240	.16673

#1	2506.5	36204.	5381.9
#2	2509.4	36113.	5397.6
#3	2504.1	36132.	5397.5

Sample Name: DCAL2 Acquired: 9/30/2011 18:15:58 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.781	.0369	.0631	5.545	1.346	1.432
Stddev	.006	.0001	.0002	.035	.004	.005
%RSD	.3421	.2810	.3768	.6407	.2758	.3275

#1	1.775	.0370	.0628	5.577	1.342	1.429
#2	1.787	.0369	.0632	5.551	1.349	1.438
#3	1.782	.0368	.0633	5.506	1.346	1.430

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.014	.5849	.2230	.4256	.1918	.2802
Stddev	.006	.0040	.0007	.0023	.0004	.0018
%RSD	.5718	.6801	.3200	.5509	.2186	.6378

#1	1.019	.5877	.2236	.4232	.1920	.2799
#2	1.016	.5867	.2232	.4279	.1921	.2822
#3	1.007	.5804	.2222	.4256	.1913	.2786

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7363	1.825	2.560	.4904	.4324	.0300
Stddev	.0024	.008	.006	.0033	.0023	.0004
%RSD	.3270	.4559	.2559	.6664	.5239	1.211

#1	.7382	1.830	2.553	.4935	.4345	.0304
#2	.7370	1.831	2.566	.4907	.4327	.0301
#3	.7336	1.816	2.560	.4869	.4300	.0296

Sample Name: DCAL2 Acquired: 9/30/2011 18:15:58 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0359	.0679	.1146	.6052	.0839	.4145
Stddev	.0003	.0005	.0003	.0042	.0006	.0041
%RSD	.9750	.8024	.2502	.6906	.7111	.9812

#1	.0362	.0684	.1149	.6086	.0845	.4179
#2	.0359	.0678	.1145	.6065	.0840	.4157
#3	.0355	.0674	.1144	.6006	.0833	.4100

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0360	8.459	.9331
Stddev	.0002	.029	.0038
%RSD	.6611	.3399	.4116

#1	.0363	8.432	.9287
#2	.0359	8.489	.9358
#3	.0359	8.456	.9348

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2458.1	35478.	5378.1
Stddev	7.7	157.	17.8
%RSD	.31285	.44291	.33068

#1	2449.3	35329.	5387.2
#2	2461.8	35463.	5357.6
#3	2463.3	35642.	5389.4

Sample Name: DCAL3 Acquired: 9/30/2011 18:19:34 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.038	.1878	.3257	27.45	6.732	7.113
Stddev	.038	.0028	.0031	.47	.026	.030
%RSD	.4169	1.510	.9522	1.721	.3867	.4194

#1	9.077	.1908	.3287	27.94	6.762	7.148
#2	9.034	.1875	.3259	27.42	6.715	7.092
#3	9.002	.1851	.3225	27.00	6.719	7.101

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.957	2.867	1.104	2.119	.9522	1.460
Stddev	.076	.051	.014	.006	.0119	.003
%RSD	1.530	1.793	1.242	.2665	1.249	.2204

#1	5.036	2.920	1.117	2.125	.9625	1.463
#2	4.950	2.865	1.106	2.116	.9548	1.457
#3	4.885	2.817	1.090	2.115	.9392	1.459

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.749	8.965	13.06	2.400	2.079	.1534
Stddev	.041	.098	.02	.042	.030	.0028
%RSD	1.087	1.092	.1847	1.742	1.430	1.815

#1	3.789	9.063	13.08	2.444	2.111	.1563
#2	3.752	8.966	13.04	2.396	2.075	.1531
#3	3.707	8.867	13.04	2.361	2.052	.1507

Sample Name: DCAL3 Acquired: 9/30/2011 18:19:34 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1821	.3138	.5798	3.017	.4189	2.081
Stddev	.0028	.0054	.0069	.049	.0050	.040
%RSD	1.544	1.715	1.190	1.626	1.199	1.914

#1	.1853	.3194	.5863	3.067	.4241	2.120
#2	.1812	.3136	.5806	3.014	.4185	2.083
#3	.1799	.3086	.5726	2.969	.4140	2.041

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.1779	42.33	4.716
Stddev	.0037	.21	.023
%RSD	2.097	.5028	.4838

#1	.1817	42.57	4.741
#2	.1778	42.18	4.710
#3	.1742	42.23	4.697

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2308.4	33387.	5240.2
Stddev	19.7	192.	20.1
%RSD	.85228	.57564	.38276

#1	2285.7	33166.	5230.2
#2	2320.3	33483.	5263.3
#3	2319.2	33512.	5227.2

Sample Name: DCAL4 Acquired: 9/30/2011 18:23:03 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.04	.3810	.6682	53.83	13.29	13.67
Stddev	.11	.0031	.0055	.54	.08	.07
%RSD	.6189	.8244	.8257	1.000	.5989	.5402

#1	18.17	.3838	.6738	54.32	13.38	13.75
#2	17.99	.3816	.6680	53.92	13.23	13.61
#3	17.96	.3776	.6628	53.26	13.25	13.65

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.768	5.646	2.186	4.196	1.884	2.965
Stddev	.092	.059	.024	.018	.020	.016
%RSD	.9410	1.052	1.107	.4281	1.073	.5389

#1	9.851	5.696	2.211	4.217	1.905	2.981
#2	9.784	5.660	2.184	4.185	1.884	2.964
#3	9.669	5.580	2.163	4.188	1.865	2.949

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.457	17.41	25.71	4.712	4.070	.3105
Stddev	.065	.19	.15	.052	.037	.0042
%RSD	.8666	1.089	.5983	1.107	.9062	1.345

#1	7.497	17.62	25.89	4.756	4.103	.3138
#2	7.492	17.37	25.63	4.726	4.077	.3119
#3	7.383	17.25	25.62	4.654	4.031	.3058

Sample Name: DCAL4 Acquired: 9/30/2011 18:23:03 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3677	.6068	1.161	5.945	.8371	4.140
Stddev	.0041	.0073	.012	.061	.0071	.050
%RSD	1.105	1.199	1.016	1.023	.8527	1.219

#1	.3714	.6126	1.173	5.997	.8440	4.184
#2	.3683	.6092	1.161	5.959	.8376	4.151
#3	.3634	.5986	1.149	5.878	.8297	4.085

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.3509	82.69	9.387
Stddev	.0042	.99	.059
%RSD	1.209	1.202	.6265

#1	.3546	83.82	9.454
#2	.3517	82.32	9.362
#3	.3462	81.94	9.345

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2207.1	32128.	5204.5
Stddev	7.6	206.	40.0
%RSD	.34496	.64162	.76901

#1	2199.1	31898.	5160.4
#2	2208.1	32190.	5238.5
#3	2214.2	32295.	5214.6

Sample Name: ICV Acquired: 9/30/2011 18:27:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125000.	2504.	1242.	10130.	998.3	127000.
Stddev	326.	8.	2.	13.	3.8	553.
%RSD	.2611	.3380	.1334	.1292	.3763	.4358

#1	124600.	2510.	1243.	10130.	994.0	126300.
#2	125300.	2495.	1241.	10120.	1000.	127400.
#3	125100.	2508.	1244.	10140.	1001.	127200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1272.	2514.	5055.	12510.	100700.	49380.
Stddev	2.	4.	8.	58.	190.	164.
%RSD	.1272	.1687	.1581	.4632	.1885	.3315

#1	1271.	2517.	5057.	12450.	100800.	49440.
#2	1270.	2509.	5046.	12560.	100500.	49510.
#3	1273.	2516.	5061.	12530.	100800.	49200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/30/2011 18:27:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125900.	5133.	123300.	2552.	7607.	1021.
Stddev	273.	17.	250.	4.	6.	3.
%RSD	.2168	.3234	.2024	.1495	.0770	.3382

#1	125800.	5122.	123000.	2555.	7610.	1024.
#2	125700.	5125.	123500.	2548.	7600.	1017.
#3	126200.	5152.	123200.	2553.	7611.	1021.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2471.	2574.	2491.	2510.	1012.	2522.
Stddev	8.	3.	6.	6.	.	3.
%RSD	.3108	.1121	.2579	.2251	.0410	.1358

#1	2479.	2577.	2495.	2512.	1012.	2526.
#2	2463.	2571.	2483.	2504.	1011.	2519.
#3	2471.	2575.	2493.	2515.	1012.	2522.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/30/2011 18:27:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1004.	5059.	9919.
Stddev	4.	25.	30.
%RSD	.3576	.4975	.2994

#1	1004.	5030.	9888.
#2	1000.	5075.	9948.
#3	1007.	5072.	9920.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2338.6	33647.	5297.1
Stddev	3.3	71.	32.5
%RSD	.14324	.21186	.61410

#1	2337.5	33688.	5329.7
#2	2342.3	33689.	5297.0
#3	2335.9	33565.	5264.7

Sample Name: CCB Acquired: 9/30/2011 18:30:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.320	-1.434	.6628	.3290	-.0043	-11.80
Stddev	23.30	1.386	.4441	.1011	.0338	5.10
%RSD	539.4	96.65	67.01	30.74	781.9	43.21

#1	31.01	-2.947	.2356	.4455	-.0293	-5.954
#2	-12.00	-1.132	.6307	.2772	-.0179	-15.32
#3	-6.051	-.2241	1.122	.2642	.0342	-14.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0544	.1173	-.6508	-2.066	-2.538	-17.55
Stddev	.0497	.0782	.3497	1.099	3.727	35.29
%RSD	91.27	66.70	53.74	53.22	146.8	201.0

#1	.0962	.1030	-.3515	-2.584	.1134	-18.95
#2	-.0005	.0471	-1.035	-2.810	-.9281	18.41
#3	.0676	.2016	-.5657	-.8029	-6.800	-52.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 18:30:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.719	.1159	48.51	-.2567	.0358	3.363
Stddev	4.689	.0625	5.91	.4396	.7707	1.135
%RSD	172.4	53.94	12.18	171.2	2154.	33.76

#1	6.102	.1847	53.27	-.0163	.8796	3.266
#2	-2.633	.0627	41.89	.0102	-.6310	2.279
#3	4.688	.1001	50.38	-.7641	-.1412	4.544

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.341	1.890	-.0704	.3828	2.847	5.333
Stddev	1.110	1.050	.4677	.0477	.830	.168
%RSD	25.56	55.55	664.5	12.45	29.13	3.143

#1	3.099	.6838	-.6067	.3316	3.524	5.256
#2	4.691	2.598	.2529	.3911	3.095	5.526
#3	5.234	2.388	.1427	.4259	1.922	5.218

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 18:30:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0906	.2324	2.553
Stddev	.2343	.2145	2.508
%RSD	258.6	92.30	98.26

#1	.0211	.4462	-.3100
#2	.0670	.2337	3.603
#3	-.3599	.0172	4.365

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2547.2	37230.	5396.6
Stddev	4.1	109.	37.1
%RSD	.16284	.29245	.68761

#1	2551.3	37160.	5377.7
#2	2547.3	37355.	5439.3
#3	2543.0	37174.	5372.6

Sample Name: ICSA 1165859 Acquired: 9/30/2011 18:34:23 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	502600.	-1.103	.7282	.4153	-.1203	461400.
Stddev	1353.	3.299	.3215	.0634	.0529	1059.
%RSD	.2692	299.0	44.14	15.26	44.01	.2295

#1	504000.	.7445	.6103	.4390	-.1802	462500.
#2	501300.	-4.911	.4824	.4633	-.1006	461400.
#3	502600.	.8578	1.092	.3434	-.0800	460300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4183	-.7066	-.6366	-5.349	198100.	-177.4
Stddev	.0543	.0729	.2867	3.944	2052.	5.5
%RSD	12.98	10.31	45.04	73.73	1.036	3.109

#1	-.4741	-.7819	-.3694	-4.430	200400.	-171.0
#2	-.3657	-.7012	-.9394	-1.946	197500.	-180.1
#3	-.4150	-.6365	-.6010	-9.671	196500.	-181.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 1165859 Acquired: 9/30/2011 18:34:23 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	511800.	-.0800	-93.97	-.8110	-1.206	-.4753
Stddev	3986.	.1063	8.17	.5126	2.591	1.235
%RSD	.7789	132.9	8.691	63.21	214.8	259.8

#1	516100.	.0158	-85.13	-.6297	-2.196	.5637
#2	510800.	-.0614	-101.2	-1.390	-3.156	-.1495
#3	508300.	-.1945	-95.55	-.4136	1.734	-1.840

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0848	4.529	-2.125	-.3629	4.921	-2.776
Stddev	4.427	2.781	.583	.3292	1.365	.293
%RSD	5221.	61.41	27.46	90.72	27.74	10.56

#1	4.687	1.424	-1.815	.0060	6.175	-2.855
#2	-4.060	5.371	-2.797	-.6268	5.121	-2.452
#3	-.8812	6.792	-1.761	-.4678	3.467	-3.022

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1165859 Acquired: 9/30/2011 18:34:23 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2704	-4.124	-.2798
Stddev	.2156	.059	2.386
%RSD	79.73	1.429	852.8

#1	.0298	-4.060	-2.983
#2	.4462	-4.136	.6086
#3	.3353	-4.177	1.535

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2283.1	31847.	5208.3
Stddev	2.6	249.	4.7
%RSD	.11500	.78197	.09110

#1	2285.3	31564.	5203.3
#2	2283.8	31945.	5208.9
#3	2280.2	32033.	5212.7

Sample Name: ICSAB 1165868 Acquired: 9/30/2011 18:38:15 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	511100.	97.61	107.2	101.7	100.6	466400.
Stddev	2836.	4.09	.7	.5	.4	2899.
%RSD	.5549	4.192	.6417	.5290	.3579	.6215
#1	514300.	98.17	108.0	102.1	101.0	469700.
#2	509600.	101.4	107.0	102.0	100.5	464600.
#3	509300.	93.27	106.6	101.1	100.3	464800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	97.23	96.56	102.3	97.76	201700.	10300.
Stddev	.18	.12	1.7	1.28	2229.	48.
%RSD	.1856	.1238	1.673	1.313	1.105	.4619
#1	97.33	96.45	104.1	97.53	204000.	10330.
#2	97.33	96.56	102.2	96.61	201500.	10330.
#3	97.02	96.69	100.7	99.14	199600.	10250.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/30/2011 18:38:15 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	522500.	103.1	10510.	95.61	96.15	98.37
Stddev	6865.	1.0	62.	.11	2.67	.27
%RSD	1.314	1.009	.5897	.1132	2.780	.2752

#1	530300.	104.3	10580.	95.49	97.99	98.52
#2	517600.	102.8	10480.	95.65	97.36	98.53
#3	519400.	102.3	10460.	95.69	93.08	98.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	98.59	94.67	99.40	101.1	101.9	94.84
Stddev	3.35	2.88	1.49	.9	1.8	1.22
%RSD	3.402	3.038	1.501	.8561	1.749	1.284

#1	101.7	97.78	100.1	101.7	101.9	96.11
#2	99.03	94.14	100.4	101.5	103.7	94.72
#3	95.04	92.10	97.69	100.1	100.1	93.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/30/2011 18:38:15 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	91.05	112.6	94.59
Stddev	1.16	.6	1.67
%RSD	1.275	.4978	1.764

#1	91.13	113.2	95.96
#2	89.86	112.3	92.73
#3	92.18	112.2	95.08

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2277.4	31773.	5214.9
Stddev	1.8	192.	31.4
%RSD	.08039	.60386	.60148

#1	2275.4	31552.	5186.0
#2	2278.8	31875.	5248.2
#3	2278.1	31892.	5210.5

Sample Name: INT-10 1165870 Acquired: 9/30/2011 18:42:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.34	-9.745	-1.002	-1.504	-1.1717	67.05
Stddev	10.57	1.791	.685	.048	.0720	17.47
%RSD	24.97	18.38	68.36	3.181	41.92	26.06

#1	51.99	-11.49	-1.245	-1.541	-.1365	77.01
#2	31.04	-9.831	-1.531	-1.450	-.2546	77.28
#3	43.98	-7.911	-.2285	-1.522	-.1241	46.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9789	10900.	10150.	-10.10	-65.60	-45.13
Stddev	.0703	104.	101.	.81	8.21	47.58
%RSD	7.183	.9565	.9967	8.062	12.52	105.4

#1	-.9786	10980.	10250.	-10.67	-56.25	-18.92
#2	-1.049	10950.	10150.	-9.168	-68.90	-16.43
#3	-.9087	10780.	10050.	-10.47	-71.65	-100.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/30/2011 18:42:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	113.6	10520.	42.53	11040.	-1.416	-4.250
Stddev	8.8	63.	5.67	105.	1.186	1.543
%RSD	7.764	.6005	13.34	.9479	83.74	36.32
#1	121.2	10600.	48.57	11110.	-.8940	-5.930
#2	115.7	10500.	41.72	11090.	-2.773	-3.927
#3	103.9	10480.	37.30	10920.	-.5810	-2.894

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.387	-.3013	4928.	-1.436	-9.079	5041.
Stddev	.580	.6389	46.	.089	1.049	57.
%RSD	24.30	212.1	.9358	6.223	11.55	1.138
#1	3.044	-.6999	4976.	-1.385	-9.520	5080.
#2	2.167	.4356	4924.	-1.539	-9.836	5067.
#3	1.948	-.6396	4884.	-1.384	-7.882	4975.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/30/2011 18:42:00 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	10310.	10140.	9828.
Stddev	110.	89.	99.
%RSD	1.063	.8779	1.005

#1	10390.	10170.	9942.
#2	10360.	10040.	9780.
#3	10190.	10210.	9763.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2470.2	36991.	5398.0
Stddev	4.2	238.	37.2
%RSD	.16888	.64371	.68895

#1	2465.4	36717.	5359.6
#2	2472.9	37103.	5433.8
#3	2472.2	37152.	5400.6

Sample Name: 460-31716-a-8-b du@4 Acquired: 9/30/2011 18:45:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43760.	9.832	-.4785	250.9	1.705	33640.
Stddev	584.	1.682	.5062	1.3	.116	484.
%RSD	1.335	17.11	105.8	.5036	6.783	1.438

#1	44430.	8.299	-.2744	251.9	1.825	34190.
#2	43540.	11.63	-1.055	251.2	1.595	33400.
#3	43320.	9.564	-1.063	249.4	1.694	33320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0072	43.96	69.96	147.6	96220.	4134.
Stddev	.0733	.24	1.74	3.8	1304.	6.
%RSD	1012.	.5469	2.487	2.556	1.355	.1425

#1	-.0183	44.24	71.84	151.9	97670.	4140.
#2	.0899	43.84	69.64	146.1	95850.	4133.
#3	-.0498	43.82	68.40	144.9	95140.	4128.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-b du@4 Acquired: 9/30/2011 18:45:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35220.	2175.	1187.	84.35	26.08	-1.418
Stddev	462.	31.	14.	.88	1.92	.438
%RSD	1.311	1.444	1.167	1.042	7.376	30.85

#1	35730.	2210.	1197.	85.26	28.25	-1.493
#2	35070.	2163.	1193.	84.30	25.38	-.9478
#3	34850.	2151.	1171.	83.50	24.60	-1.813

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7502	-2.628	131.8	186.3	30.61	8.074
Stddev	2.261	1.227	2.1	1.4	.50	.587
%RSD	301.4	46.70	1.604	.7329	1.629	7.267

#1	3.361	-1.703	134.1	187.4	31.18	8.516
#2	-.5423	-2.160	131.4	186.7	30.42	8.299
#3	-.5682	-4.020	129.9	184.7	30.24	7.408

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-b du@4 Acquired: 9/30/2011 18:45:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	6.453	88.13	1842.
Stddev	.549	1.66	27.
%RSD	8.511	1.881	1.469

#1	6.671	90.04	1873.
#2	6.860	87.22	1829.
#3	5.828	87.12	1823.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2629.6	37695.	5640.1
Stddev	3.1	349.	75.2
%RSD	.11694	.92697	1.3335

#1	2626.1	37292.	5553.3
#2	2631.0	37924.	5680.5
#3	2631.8	37867.	5686.5

Sample Name: 460-31716-a-8-a@4 Acquired: 9/30/2011 18:49:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38900.	9.143	-.4431	241.1	1.575	40200.
Stddev	246.	1.359	.4173	.6	.061	449.
%RSD	.6326	14.87	94.18	.2319	3.853	1.117

#1	39140.	10.32	-.9244	241.7	1.617	40630.
#2	38910.	9.452	-.2236	241.0	1.505	40230.
#3	38650.	7.655	-.1814	240.6	1.602	39730.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0053	44.77	80.64	109.6	89720.	4529.
Stddev	.1397	.40	.52	.0	225.	33.
%RSD	2648.	.8914	.6447	.0375	.2510	.7255

#1	.1452	44.98	80.04	109.5	89910.	4558.
#2	-.0303	45.01	80.99	109.6	89790.	4537.
#3	-.1308	44.31	80.88	109.6	89470.	4493.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-a@4 Acquired: 9/30/2011 18:49:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34270.	2134.	1034.	74.64	23.13	-1.064
Stddev	102.	14.	4.	.36	1.79	1.745
%RSD	.2969	.6398	.4144	.4766	7.729	164.1
#1	34350.	2144.	1035.	74.40	24.54	.5867
#2	34310.	2141.	1029.	75.05	23.73	-.8875
#3	34150.	2119.	1037.	74.47	21.12	-2.890

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9823	-3.380	124.1	171.4	22.13	2.461
Stddev	2.975	.868	.7	.6	.79	.271
%RSD	302.9	25.67	.5601	.3236	3.550	11.03
#1	4.222	-2.448	123.7	171.9	22.42	2.162
#2	.3521	-3.530	124.9	171.5	22.73	2.529
#3	-1.627	-4.164	123.8	170.8	21.24	2.692

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-a@4 Acquired: 9/30/2011 18:49:39 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.949	77.50	1854.
Stddev	.233	.85	7.
%RSD	4.716	1.095	.3521

#1	4.732	78.26	1861.
#2	5.196	77.66	1854.
#3	4.919	76.59	1848.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2633.1	38144.	5631.7
Stddev	1.4	200.	56.5
%RSD	.05454	.52329	1.0030

#1	2632.6	37927.	5578.4
#2	2634.7	38185.	5625.8
#3	2631.9	38320.	5691.0

Sample Name: sd 460-31716-a-8-a@2 Acquired: 9/30/2011 18:53:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7996.	1.374	.7109	48.90	.1603	8224.
Stddev	121.	1.787	.3489	.97	.1004	79.
%RSD	1.515	130.1	49.08	1.989	62.59	.9576

#1	8097.	.7848	.9857	49.64	.1704	8268.
#2	8028.	3.381	.3183	49.27	.0554	8270.
#3	7862.	-.0439	.8286	47.80	.2553	8133.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1029	9.305	15.69	20.61	18350.	889.5
Stddev	.0923	.335	.31	2.11	282.	6.9
%RSD	89.75	3.597	1.980	10.23	1.537	.7738

#1	.1889	9.440	15.71	23.03	18610.	895.4
#2	.1144	9.551	15.99	19.69	18400.	881.9
#3	.0053	8.923	15.37	19.13	18050.	891.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31716-a-8-a@2 Acquired: 9/30/2011 18:53:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7051.	437.7	211.1	14.98	4.521	-.8024
Stddev	85.	3.9	9.8	.80	1.485	.5031
%RSD	1.209	.9000	4.642	5.317	32.84	62.70

#1	7131.	440.7	221.1	15.77	5.365	-1.099
#2	7059.	439.2	201.6	14.99	5.392	-1.087
#3	6962.	433.3	210.7	14.17	2.807	-.2215

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.717	.9077	24.80	35.22	5.177	.2397
Stddev	1.472	2.071	.32	.88	.171	.1143
%RSD	54.18	228.2	1.280	2.512	3.309	47.67

#1	3.296	-.9675	25.03	35.81	5.343	.2878
#2	3.812	.5594	24.93	35.64	5.187	.3221
#3	1.044	3.131	24.44	34.20	5.001	.1093

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31716-a-8-a@2 Acquired: 9/30/2011 18:53:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1683	15.56	370.5
Stddev	.5274	.30	4.7
%RSD	313.3	1.937	1.276

#1	-.4055	15.52	375.0
#2	.4360	15.88	370.7
#3	-.5355	15.29	365.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2582.0	37466.	5404.7
Stddev	6.3	16.	34.6
%RSD	.24212	.04137	.64037

#1	2578.3	37483.	5398.2
#2	2589.2	37463.	5373.9
#3	2578.5	37453.	5442.2

Sample Name: 460-31716-a-8-c ms@4 Acquired: 9/30/2011 18:57:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46950.	850.5	20.90	1134.	23.93	55970.
Stddev	538.	13.3	.32	19.	.21	498.
%RSD	1.145	1.563	1.524	1.650	.8688	.8893

#1	47560.	860.2	21.13	1150.	24.17	56540.
#2	46740.	856.1	21.03	1140.	23.86	55710.
#3	46550.	835.4	20.53	1113.	23.77	55660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.84	260.6	172.5	230.2	95770.	13690.
Stddev	.31	4.7	2.4	4.4	1408.	115.
%RSD	1.401	1.793	1.388	1.913	1.470	.8395

#1	22.00	264.7	175.1	230.9	97260.	13820.
#2	22.04	261.5	171.9	234.2	95590.	13650.
#3	21.49	255.5	170.4	225.5	94470.	13600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-c ms@4 Acquired: 9/30/2011 18:57:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44360.	2434.	9573.	301.8	250.2	119.5
Stddev	565.	31.	88.	5.7	4.5	2.6
%RSD	1.273	1.281	.9194	1.879	1.802	2.197

#1	44930.	2463.	9671.	306.5	255.1	122.2
#2	44350.	2438.	9549.	303.4	249.4	119.3
#3	43800.	2401.	9500.	295.5	246.2	117.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	813.3	887.7	340.0	402.7	250.0	212.5
Stddev	10.5	16.7	5.1	6.6	4.1	4.9
%RSD	1.292	1.885	1.495	1.629	1.635	2.329

#1	824.3	900.0	345.2	407.6	253.6	216.3
#2	812.4	894.5	339.8	405.4	250.8	214.2
#3	803.3	868.7	335.0	395.3	245.5	206.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-c ms@4 Acquired: 9/30/2011 18:57:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	214.5	326.1	2166.
Stddev	4.7	2.6	23.
%RSD	2.205	.7934	1.051

#1	218.8	329.1	2192.
#2	215.4	325.1	2158.
#3	209.5	324.2	2148.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2629.2	37788.	5695.8
Stddev	11.0	299.	35.6
%RSD	.41874	.79095	.62571

#1	2617.3	37471.	5656.2
#2	2631.2	37827.	5725.3
#3	2639.0	38065.	5705.9

Sample Name: pds 460-31716-a-8-a@ Acquired: 9/30/2011 19:00:40 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40210.	1801.	44.14	2111.	48.29	58970.
Stddev	268.	3.	.26	11.	.21	393.
%RSD	.6668	.1921	.5999	.5414	.4357	.6668
#1	40460.	1804.	44.34	2120.	48.53	59380.
#2	40250.	1799.	43.84	2114.	48.16	58920.
#3	39930.	1798.	44.25	2098.	48.17	58600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.95	514.4	270.0	338.5	90480.	22640.
Stddev	.31	3.4	.6	2.6	342.	133.
%RSD	.6586	.6533	.2333	.7788	.3775	.5857
#1	47.24	517.4	270.4	337.2	90770.	22780.
#2	46.98	514.9	270.3	341.6	90570.	22640.
#3	46.62	510.8	269.3	336.9	90100.	22510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31716-a-8-a@ Acquired: 9/30/2011 19:00:40 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52670.	2607.	19480.	551.7	501.8	437.0
Stddev	203.	10.	116.	3.0	3.7	6.2
%RSD	.3846	.3866	.5945	.5514	.7431	1.419

#1	52850.	2616.	19590.	554.1	504.0	443.1
#2	52700.	2610.	19500.	552.7	503.8	437.3
#3	52450.	2596.	19360.	548.3	497.5	430.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1763.	1908.	584.3	632.9	495.5	462.2
Stddev	9.	9.	2.8	3.3	1.8	3.1
%RSD	.5349	.4614	.4861	.5238	.3702	.6638

#1	1772.	1915.	586.2	636.3	496.9	465.2
#2	1764.	1910.	585.6	632.6	496.3	462.4
#3	1753.	1898.	581.0	629.7	493.5	459.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31716-a-8-a@ Acquired: 9/30/2011 19:00:40 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	464.8	538.2	2309.
Stddev	2.8	3.7	19.
%RSD	.6040	.6955	.8354

#1	467.8	542.2	2326.
#2	464.3	537.6	2312.
#3	462.3	534.8	2288.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2605.7	37507.	5661.7
Stddev	2.5	109.	20.1
%RSD	.09540	.29016	.35543

#1	2603.1	37584.	5640.6
#2	2606.0	37555.	5680.7
#3	2608.1	37383.	5663.9

Sample Name: 460-31716-a-3-a@4 Acquired: 9/30/2011 19:04:11 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	64400.	459.2	6.649	F 25900.	1.915	55130.
Stddev	475.	9.2	.844	403.	.050	282.
%RSD	.7374	1.997	12.69	1.557	2.605	.5122

#1	64870.	467.4	5.678	26170.	1.868	55460.
#2	64420.	460.8	7.202	26090.	1.910	54960.
#3	63920.	449.3	7.068	25440.	1.967	54980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				20000.		
Low Limit				-1000.		

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1635.	501.8	9799.	9031.	F 310500.	4086.
Stddev	25.	9.0	70.	53.	2224.	12.
%RSD	1.521	1.790	.7096	.5896	.7161	.3045

#1	1652.	508.4	9841.	9089.	311800.	4096.
#2	1646.	505.5	9837.	9018.	311800.	4072.
#3	1606.	491.6	9719.	8985.	308000.	4090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-31716-a-3-a@4 Acquired: 9/30/2011 19:04:11 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11980.	6477.	4232.	190.4	F 129200.	F 9403.
Stddev	69.	36.	19.	3.4	1891.	219.
%RSD	.5764	.5516	.4476	1.781	1.464	2.323

#1	12010.	6482.	4249.	193.7	130500.	9576.
#2	12040.	6510.	4212.	190.7	130000.	9476.
#3	11900.	6439.	4235.	186.9	127000.	9157.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit					15000.	2000.
Low Limit					-10.00	-20.00

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.47	F -104.7	310.8	F 18640.	1145.	124.4
Stddev	2.44	5.1	2.8	307.	14.	2.7
%RSD	4.739	4.847	.8875	1.647	1.215	2.180

#1	53.24	-110.1	311.3	18860.	1155.	125.9
#2	52.49	-103.9	313.4	18780.	1152.	126.0
#3	48.69	-99.99	307.9	18290.	1129.	121.2

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		4500.		5000.		
Low Limit		-20.00		-50.00		

Sample Name: 460-31716-a-3-a@4 Acquired: 9/30/2011 19:04:11 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	F 3245.	463.7	3676.
Stddev	66.	2.6	28.
%RSD	2.046	.5641	.7548

#1	3297.	466.7	3706.
#2	3267.	462.0	3671.
#3	3170.	462.4	3651.

Check ?	Chk Fail	Chk Pass	Chk Pass
High Limit	2000.		
Low Limit	-50.00		

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2488.4	36322.	5515.9
Stddev	2.2	39.	33.0
%RSD	.08667	.10828	.59856

#1	2488.9	36296.	5494.0
#2	2486.1	36367.	5553.9
#3	2490.3	36302.	5499.9

Sample Name: 460-31716-a-4-a@4 Acquired: 9/30/2011 19:07:53 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23000.	164.6	12.59	5994.	1.633	32100.
Stddev	91.	2.5	.57	47.	.014	147.
%RSD	.3970	1.527	4.557	.7823	.8273	.4567

#1	22900.	163.5	12.28	6026.	1.636	32010.
#2	22990.	162.9	12.25	6017.	1.618	32030.
#3	23090.	167.5	13.26	5941.	1.644	32270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	158.2	141.2	1512.	9680.	F 1029000.	851.8
Stddev	2.1	.9	8.	40.	2821.	64.6
%RSD	1.300	.6616	.5015	.4148	.2741	7.588

#1	159.4	141.8	1517.	9636.	1030000.	921.1
#2	159.3	141.7	1515.	9692.	1031000.	793.2
#3	155.8	140.1	1503.	9714.	1026000.	841.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-31716-a-4-a@4 Acquired: 9/30/2011 19:07:53 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3877.	7206.	91.28	700.8	F 16870.	870.1
Stddev	15.	15.	8.74	7.0	109.	11.2
%RSD	.3840	.2026	9.575	.9950	.6459	1.284

#1	3888.	7213.	86.06	705.4	16950.	876.4
#2	3883.	7215.	101.4	704.1	16930.	876.6
#3	3860.	7189.	86.42	692.8	16750.	857.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.18	-5.323	1006.	F 20350.	229.2	22.88
Stddev	6.25	2.278	4.	157.	2.4	.51
%RSD	18.28	42.79	.3785	.7693	1.026	2.235

#1	37.89	-7.470	1010.	20440.	230.6	22.78
#2	37.68	-5.565	1006.	20430.	230.4	23.43
#3	26.96	-2.934	1002.	20160.	226.5	22.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-31716-a-4-a@4 Acquired: 9/30/2011 19:07:53 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	F 4517.	234.1	658.7
Stddev	43.	.5	2.9
%RSD	.9463	.2232	.4345

#1	4540.	233.7	661.7
#2	4542.	234.0	656.1
#3	4467.	234.7	658.2

Check ?	Chk Fail	Chk Pass	Chk Pass
High Limit	2000.		
Low Limit	-50.00		

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2512.2	35997.	5518.5
Stddev	.3	29.	37.8
%RSD	.01347	.08037	.68470

#1	2512.0	36023.	5549.8
#2	2512.1	36001.	5529.3
#3	2512.6	35966.	5476.5

Sample Name: CCV Acquired: 9/30/2011 19:11:47 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125200.	2485.	1232.	10060.	994.4	126400.
Stddev	957.	1.	1.	7.	7.8	1133.
%RSD	.7643	.0436	.1152	.0659	.7892	.8960

#1	126300.	2484.	1234.	10060.	1003.	127700.
#2	124700.	2484.	1231.	10050.	989.5	125900.
#3	124600.	2486.	1232.	10060.	990.2	125600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2498.	5007.	12490.	99830.	49550.
Stddev	1.	1.	10.	100.	168.	276.
%RSD	.0414	.0289	.1948	.7992	.1681	.5571

#1	1262.	2498.	5017.	12610.	100000.	49870.
#2	1261.	2497.	5008.	12450.	99790.	49370.
#3	1262.	2499.	4997.	12420.	99690.	49420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:11:47 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124700.	5067.	124000.	2531.	7557.	1019.
Stddev	250.	19.	831.	2.	1.	2.
%RSD	.2007	.3665	.6707	.0862	.0145	.1481

#1	124900.	5083.	124900.	2533.	7556.	1017.
#2	124700.	5071.	123500.	2529.	7558.	1020.
#3	124400.	5047.	123400.	2532.	7556.	1019.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2454.	2549.	2470.	2493.	1004.	2496.
Stddev	5.	2.	5.	2.	1.	2.
%RSD	.2175	.0808	.2020	.0684	.1415	.0813

#1	2460.	2551.	2476.	2495.	1004.	2498.
#2	2450.	2549.	2466.	2492.	1003.	2494.
#3	2454.	2547.	2468.	2492.	1006.	2494.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:11:47 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	995.8	5027.	9897.
Stddev	1.7	43.	75.
%RSD	.1663	.8487	.7585

#1	996.8	5076.	9984.
#2	993.9	5011.	9854.
#3	996.7	4996.	9853.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2343.3	33854.	5254.8
Stddev	8.9	114.	37.9
%RSD	.38101	.33780	.72093

#1	2350.7	33984.	5215.5
#2	2345.7	33768.	5257.8
#3	2333.4	33811.	5291.1

Sample Name: CCB Acquired: 9/30/2011 19:15:16 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.99	-1.547	.1304	.3719	-.0252	-14.93
Stddev	4.47	1.986	.3582	.2519	.1224	10.67
%RSD	29.84	128.4	274.6	67.73	486.3	71.47

#1	12.57	-1.555	.2664	.5968	.1035	-3.743
#2	12.24	-3.530	-.2759	.0997	-.1401	-16.05
#3	20.15	.4427	.4008	.4192	-.0389	-24.99

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0146	-.1198	-.6316	1.022	-2.900	-69.98
Stddev	.0672	.3575	.8021	2.749	7.381	63.96
%RSD	459.4	298.4	127.0	269.0	254.5	91.40

#1	.0911	-.3896	-1.031	1.958	-.7990	-4.873
#2	-.0347	.2857	.2918	3.181	3.203	-72.33
#3	-.0125	-.2557	-1.156	-2.073	-11.10	-132.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:15:16 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.892	.1885	14.49	-.0091	-1.850	8.538
Stddev	1.503	.0752	5.94	.4232	1.479	3.041
%RSD	51.96	39.90	41.00	4666.	79.94	35.61
#1	3.598	.2743	17.95	-.1461	-.4253	5.072
#2	3.912	.1341	17.88	-.3468	-1.747	9.786
#3	1.166	.1570	7.629	.4657	-3.377	10.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.581	.1228	-.0136	.9076	2.040	4.783
Stddev	3.191	.8094	.4103	.0686	.391	.213
%RSD	123.6	659.1	3026.	7.556	19.14	4.446
#1	3.726	-.7152	.4536	.9064	2.371	4.823
#2	-1.025	.1834	-.3157	.8397	2.139	4.972
#3	5.042	.9002	-.1786	.9768	1.609	4.553

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:15:16 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8157	.1386	2.873
Stddev	.8131	.1477	1.166
%RSD	99.68	106.6	40.60

#1	1.039	.2625	2.516
#2	-.0857	.1782	1.926
#3	1.494	-.0249	4.176

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2542.5	37228.	5329.7
Stddev	5.9	71.	32.8
%RSD	.23134	.18998	.61455

#1	2549.3	37148.	5292.5
#2	2539.2	37283.	5354.1
#3	2539.1	37253.	5342.6

Sample Name: mb 460-87829/1-a@2 Acquired: 9/30/2011 19:19:10 Type: QC

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.87	-2.059	.4422	.1177	-.0860	14.75
Stddev	10.14	1.236	.3710	.0615	.1059	10.07
%RSD	93.21	60.01	83.91	52.27	123.2	68.31

#1	22.40	-2.054	.3339	.1854	-.0469	6.611
#2	6.876	-.8264	.1373	.1026	-.0052	26.02
#3	3.347	-3.298	.8553	.0652	-.2058	11.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0645	.0538	1.128	2.207	1.502	-74.33
Stddev	.2415	.3517	.952	2.297	2.530	37.62
%RSD	374.7	654.1	84.43	104.1	168.5	50.61

#1	.2749	-.1711	.4952	4.282	1.260	-117.4
#2	.1178	-.1267	.6653	2.601	4.144	-57.61
#3	-.1993	.4591	2.223	-.2616	-.8990	-47.96

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87829/1-a@2 Acquired: 9/30/2011 19:19:10 Type: QC

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5833	.0953	5.683	-.2254	-.5499	4.887
Stddev	3.723	.0928	14.33	.3057	1.452	3.068
%RSD	638.3	97.36	252.1	135.6	264.0	62.78

#1	4.623	.1550	-10.49	-.4897	-1.184	1.363
#2	-.1641	.1426	10.74	.1094	1.111	6.337
#3	-2.710	-.0116	16.79	-.2960	-1.577	6.963

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.112	1.420	.0752	1.610	2.160	.9044
Stddev	2.208	1.096	.3240	.138	.282	.1793
%RSD	198.5	77.20	430.7	8.594	13.07	19.83

#1	3.653	2.162	-.1678	1.470	2.221	.7772
#2	-.3391	1.937	-.0497	1.613	2.407	1.109
#3	.0230	.1608	.4431	1.747	1.852	.8264

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87829/1-a@2 Acquired: 9/30/2011 19:19:10 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6379	.1402	-.3590
Stddev	.4021	.1193	.8530
%RSD	63.03	85.12	237.6

#1	.5701	.2251	.0789
#2	1.070	.0038	-1.342
#3	.2741	.1917	.1860

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2471.3	35972.	5144.6
Stddev	18.0	1195.	179.0
%RSD	.72746	3.3210	3.4787

#1	2450.6	34613.	4943.1
#2	2480.0	36443.	5205.7
#3	2483.3	36859.	5285.0

Sample Name: lcssrm 460-87829/2-a Acquired: 9/30/2011 19:23:02 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41540.	485.3	139.5	924.7	376.5	49840.
Stddev	160.	4.2	.9	3.4	.8	115.
%RSD	.3858	.8688	.6351	.3623	.2008	.2302

#1	41710.	486.7	139.9	925.6	377.3	49970.
#2	41390.	488.6	140.0	927.5	376.0	49800.
#3	41530.	480.5	138.5	921.0	376.0	49750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	299.0	467.5	1164.	848.5	89660.	19110.
Stddev	.7	1.8	2.	1.3	170.	118.
%RSD	.2410	.3880	.1666	.1528	.1895	.6182

#1	299.3	468.4	1166.	847.2	89850.	19240.
#2	299.4	468.7	1162.	848.4	89520.	19010.
#3	298.1	465.4	1163.	849.8	89600.	19080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87829/2-a Acquired: 9/30/2011 19:23:02 Type: QC

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17610.	2763.	4866.	692.5	425.1	886.1
Stddev	23.	9.	35.	2.1	1.7	6.9
%RSD	.1329	.3252	.7258	.3048	.4032	.7833

#1	17610.	2759.	4907.	694.3	427.0	892.1
#2	17630.	2773.	4841.	693.0	424.7	887.7
#3	17580.	2757.	4851.	690.2	423.7	878.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1317.	622.9	554.0	2894.	676.8	255.5
Stddev	6.	6.0	.2	6.	1.3	2.0
%RSD	.4884	.9681	.0437	.2031	.1956	.7837

#1	1313.	626.9	554.3	2899.	677.8	256.4
#2	1324.	625.8	553.8	2895.	677.3	257.0
#3	1314.	616.0	554.0	2888.	675.3	253.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87829/2-a Acquired: 9/30/2011 19:23:02 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	518.5	1087.	1978.
Stddev	2.2	2.	10.
%RSD	.4214	.1621	.4951

#1	518.7	1089.	1988.
#2	520.5	1086.	1969.
#3	516.2	1086.	1978.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2644.8	38152.	5743.8
Stddev	4.3	112.	34.7
%RSD	.16419	.29421	.60339

#1	2644.6	38251.	5703.8
#2	2649.2	38030.	5765.1
#3	2640.5	38175.	5762.5

Sample Name: 460-31716-a-5-a@4 Acquired: 9/30/2011 19:26:32 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107800.	6518.	5.545	F 25480.	1.410	14580.
Stddev	889.	48.	.773	150.	.164	146.
%RSD	.8243	.7323	13.94	.5869	11.59	.9982

#1	108800.	6556.	5.698	25620.	1.595	14740.
#2	107700.	6533.	4.707	25510.	1.286	14550.
#3	107000.	6464.	6.230	25320.	1.349	14450.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				20000.		
Low Limit				-1000.		

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.92	16.46	2625.	173.6	148600.	185.5
Stddev	.31	.12	8.	6.0	562.	63.8
%RSD	.9724	.7592	.3120	3.449	.3780	34.37

#1	32.25	16.32	2632.	180.4	149000.	180.9
#2	31.87	16.49	2628.	169.3	148700.	124.3
#3	31.63	16.56	2616.	171.0	147900.	251.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-5-a@4 Acquired: 9/30/2011 19:26:32 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4833.	1122.	328.6	17.38	F 415600.	789.0
Stddev	14.	5.	15.7	.27	3042.	7.8
%RSD	.2953	.4643	4.779	1.532	.7318	.9841

#1	4847.	1125.	345.8	17.22	413400.	796.6
#2	4833.	1125.	315.1	17.25	414400.	789.3
#3	4818.	1116.	324.9	17.69	419100.	781.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.068	1.228	27.68	F 11430.	78.28	.0151
Stddev	1.672	2.093	.61	62.	.74	.1323
%RSD	41.09	170.4	2.217	.5395	.9488	873.9

#1	5.893	-.1664	28.38	11490.	79.07	-.1288
#2	3.699	.2161	27.41	11440.	78.20	.1313
#3	2.611	3.635	27.25	11370.	77.59	.0429

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-31716-a-5-a@4 Acquired: 9/30/2011 19:26:32 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	763.3	604.1	67.32
Stddev	4.9	6.3	.60
%RSD	.6465	1.041	.8904

#1	767.7	610.9	67.18
#2	764.1	603.0	67.97
#3	758.0	598.5	66.80

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2521.8	36979.	5514.0
Stddev	2.4	122.	27.0
%RSD	.09485	.33120	.48959

#1	2522.7	36916.	5482.9
#2	2523.5	36901.	5528.0
#3	2519.0	37120.	5531.1

Sample Name: 460-31716-a-6-a@4 Acquired: 9/30/2011 19:30:18 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10780.	48.79	.7388	1015.	1.196	16610.
Stddev	79.	.80	1.067	8.	.047	123.
%RSD	.7358	1.643	144.5	.7433	3.962	.7406

#1	10870.	49.56	.7405	1022.	1.141	16740.
#2	10710.	48.86	1.805	1015.	1.225	16500.
#3	10760.	47.96	-.3294	1007.	1.222	16580.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.040	116.9	107.7	3631.	F 260100.	1898.
Stddev	.029	.6	.6	40.	816.	57.
%RSD	.7227	.5137	.5509	1.089	.3138	3.026

#1	4.073	117.5	108.0	3668.	261000.	1950.
#2	4.031	116.8	108.0	3590.	259900.	1836.
#3	4.016	116.3	107.0	3636.	259500.	1908.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-31716-a-6-a@4 Acquired: 9/30/2011 19:30:18 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4477.	1934.	572.6	94.39	1517.	5.750
Stddev	10.	6.	8.3	.36	11.	.824
%RSD	.2295	.2949	1.451	.3792	.7003	14.33

#1	4489.	1940.	580.1	94.80	1529.	5.671
#2	4470.	1934.	563.7	94.15	1516.	6.611
#3	4473.	1928.	574.0	94.22	1507.	4.968

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.960	2.165	143.4	1605.	85.85	7.476
Stddev	2.373	.895	.7	7.	.87	.336
%RSD	39.81	41.36	.4682	.4649	1.010	4.499

#1	3.237	1.143	144.1	1613.	86.32	7.790
#2	7.058	2.811	142.8	1603.	84.85	7.518
#3	7.584	2.541	143.3	1598.	86.38	7.121

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-6-a@4 Acquired: 9/30/2011 19:30:18 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	64.98	122.8	643.3
Stddev	1.42	1.1	6.7
%RSD	2.188	.9260	1.040

#1	65.68	124.0	650.6
#2	65.91	121.8	637.4
#3	63.34	122.6	642.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2568.4	37153.	5487.0
Stddev	10.4	150.	42.8
%RSD	.40523	.40285	.77945

#1	2567.4	37191.	5456.1
#2	2579.2	37280.	5535.8
#3	2558.5	36988.	5469.2

Sample Name: 460-31716-a-7-a@4 Acquired: 9/30/2011 19:33:56 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36300.	28.21	.2259	493.3	1.216	10990.
Stddev	313.	.64	.8392	2.7	.022	115.
%RSD	.8622	2.279	371.5	.5433	1.773	1.044
#1	36660.	27.86	1.142	495.1	1.240	11120.
#2	36080.	27.81	-.5059	494.6	1.208	10890.
#3	36150.	28.95	.0417	490.3	1.199	10960.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4253	26.25	88.11	301.5	149700.	3958.
Stddev	.0391	.36	.26	3.7	502.	82.
%RSD	9.185	1.381	.2938	1.219	.3354	2.074
#1	.4624	25.99	88.40	305.3	150300.	4044.
#2	.4290	26.66	87.92	298.0	149600.	3948.
#3	.3845	26.09	88.00	301.0	149300.	3881.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-7-a@4 Acquired: 9/30/2011 19:33:56 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5389.	1446.	1333.	61.66	486.3	3.581
Stddev	7.	3.	22.	.27	2.3	1.625
%RSD	.1300	.2054	1.663	.4314	.4644	45.39

#1	5395.	1449.	1354.	61.46	488.2	3.724
#2	5390.	1446.	1310.	61.96	486.8	1.889
#3	5381.	1443.	1334.	61.56	483.8	5.129

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.449	1.968	120.5	247.6	23.47	2.015
Stddev	.713	1.249	.4	1.5	.79	.233
%RSD	29.12	63.48	.3295	.6033	3.361	11.57

#1	1.837	1.596	120.9	248.7	24.28	1.897
#2	2.277	.9467	120.1	248.1	22.70	2.283
#3	3.232	3.361	120.4	245.9	23.43	1.864

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-7-a@4 Acquired: 9/30/2011 19:33:56 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	30.56	127.8	893.2
Stddev	1.19	1.7	9.6
%RSD	3.896	1.307	1.079

#1	30.67	129.6	904.2
#2	31.70	126.3	889.2
#3	29.33	127.4	886.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2587.7	37381.	5471.1
Stddev	5.2	100.	60.4
%RSD	.20124	.26633	1.1031

#1	2593.5	37473.	5420.0
#2	2583.3	37394.	5537.7
#3	2586.4	37275.	5455.7

Sample Name: 460-31716-a-9-a@4 Acquired: 9/30/2011 19:37:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46680.	11.75	.0754	329.6	1.863	45730.
Stddev	90.	1.05	.4044	1.6	.073	135.
%RSD	.1924	8.917	536.3	.4891	3.939	.2956

#1	46750.	12.96	.5226	331.1	1.946	45710.
#2	46700.	11.13	-.2647	329.9	1.838	45880.
#3	46580.	11.16	-.0317	327.9	1.806	45610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3516	53.23	85.38	186.9	116700.	4367.
Stddev	.0171	.41	.69	1.9	315.	51.
%RSD	4.872	.7769	.8130	1.038	.2695	1.160

#1	.3388	53.15	85.26	189.1	116900.	4415.
#2	.3710	53.68	86.13	185.5	116900.	4314.
#3	.3449	52.87	84.76	186.2	116400.	4371.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-9-a@4 Acquired: 9/30/2011 19:37:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39510.	2422.	920.8	91.74	61.49	.2547
Stddev	145.	10.	24.5	.17	2.27	1.202
%RSD	.3666	.4297	2.658	.1849	3.693	471.7

#1	39590.	2421.	911.3	91.56	64.01	-.0027
#2	39600.	2434.	948.6	91.79	60.86	1.564
#3	39340.	2413.	902.5	91.88	59.61	-.7973

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3205	-2.254	184.0	215.7	40.25	.4636
Stddev	1.626	.135	.7	1.2	1.59	.1591
%RSD	507.4	5.992	.3798	.5751	3.951	34.32

#1	1.509	-2.256	184.0	216.3	42.08	.3062
#2	-1.533	-2.388	184.7	216.5	39.15	.4602
#3	.9859	-2.118	183.3	214.2	39.54	.6243

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-9-a@4 Acquired: 9/30/2011 19:37:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	8.254	149.7	2425.
Stddev	.520	.5	11.
%RSD	6.304	.3330	.4394

#1	8.792	149.8	2436.
#2	7.753	150.1	2424.
#3	8.217	149.1	2415.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2639.3	38206.	5667.5
Stddev	1.8	230.	15.1
%RSD	.06990	.60254	.26556

#1	2637.7	38459.	5679.5
#2	2638.9	38010.	5650.6
#3	2641.3	38148.	5672.4

Sample Name: 460-31716-a-10-a@4 Acquired: 9/30/2011 19:41:17 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25890.	66.68	.8927	2619.	1.720	17920.
Stddev	98.	1.06	.3625	8.	.104	92.
%RSD	.3788	1.590	40.61	.2967	6.051	.5148

#1	26000.	67.76	.9870	2623.	1.604	17840.
#2	25810.	66.63	1.199	2624.	1.805	17890.
#3	25870.	65.64	.4923	2610.	1.753	18020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.29	37.37	230.5	872.6	84010.	2447.
Stddev	.19	.28	1.0	5.1	115.	46.
%RSD	1.193	.7389	.4193	.5898	.1365	1.876

#1	16.27	37.14	229.9	878.2	84040.	2472.
#2	16.50	37.67	230.1	868.0	84110.	2394.
#3	16.11	37.29	231.7	871.7	83890.	2474.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-10-a@4 Acquired: 9/30/2011 19:41:17 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7107.	1121.	891.0	74.01	4148.	152.3
Stddev	19.	8.	15.1	.40	19.	1.6
%RSD	.2620	.6882	1.693	.5367	.4505	1.053

#1	7087.	1113.	891.7	73.80	4160.	153.3
#2	7110.	1125.	905.7	74.46	4159.	153.1
#3	7124.	1127.	875.6	73.76	4127.	150.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.177	-2.830	130.2	2211.	16.39	4.754
Stddev	1.938	.837	.5	11.	.39	.258
%RSD	61.00	29.56	.3770	.5123	2.398	5.431

#1	1.075	-2.823	130.7	2219.	16.67	4.456
#2	4.894	-3.670	130.2	2215.	15.94	4.920
#3	3.561	-1.997	129.7	2198.	16.57	4.884

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-10-a@4 Acquired: 9/30/2011 19:41:17 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	211.6	156.9	912.3
Stddev	1.3	1.3	3.4
%RSD	.6004	.8307	.3701

#1	212.7	155.7	915.3
#2	211.8	156.6	908.7
#3	210.2	158.3	913.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2625.6	38253.	5610.5
Stddev	6.4	219.	4.3
%RSD	.24443	.57178	.07609

#1	2631.2	38482.	5609.8
#2	2627.0	38233.	5615.0
#3	2618.6	38046.	5606.6

Sample Name: 460-31552-d-4-b@4 Acquired: 9/30/2011 19:44:57 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55280.	11.78	-.2372	286.4	1.773	3650.
Stddev	89.	.89	.3417	1.6	.087	2.
%RSD	.1610	7.556	144.1	.5718	4.930	.0674
#1	55370.	10.85	-.2089	287.6	1.867	3648.
#2	55270.	12.62	.0895	287.1	1.694	3652.
#3	55190.	11.86	-.5921	284.5	1.757	3651.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2520	16.35	56.65	20.75	53110.	1372.
Stddev	.0463	.08	.32	3.16	183.	56.
%RSD	18.35	.5135	.5565	15.25	.3443	4.094
#1	.1989	16.42	57.00	19.60	53230.	1334.
#2	.2738	16.26	56.40	18.31	53200.	1345.
#3	.2833	16.36	56.56	24.32	52900.	1436.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-4-b@4 Acquired: 9/30/2011 19:44:57 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2650.	333.6	493.1	30.42	86.69	1.127
Stddev	7.	1.6	13.1	.33	.47	1.757
%RSD	.2504	.4736	2.654	1.101	.5375	155.9

#1	2658.	333.8	500.3	30.32	87.12	1.861
#2	2647.	335.0	500.9	30.14	86.76	2.398
#3	2645.	331.9	478.0	30.79	86.20	-.8780

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.112	-.4134	78.45	125.4	6.342	.5503
Stddev	1.861	3.500	1.15	.8	.674	.5674
%RSD	45.26	846.6	1.464	.6688	10.63	103.1

#1	6.142	1.540	79.53	125.8	6.218	1.164
#2	3.712	-4.454	78.57	125.9	7.069	.0447
#3	2.484	1.674	77.24	124.4	5.738	.4423

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-4-b@4 Acquired: 9/30/2011 19:44:57 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.007	25.23	724.3
Stddev	1.204	.17	2.4
%RSD	24.04	.6590	.3354

#1	5.290	25.41	727.1
#2	3.687	25.20	723.4
#3	6.044	25.09	722.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2634.5	37787.	5538.9
Stddev	4.2	39.	4.6
%RSD	.15985	.10256	.08278

#1	2634.2	37826.	5533.6
#2	2638.9	37748.	5541.7
#3	2630.5	37789.	5541.4

Sample Name: 460-31552-d-5-i@4 Acquired: 9/30/2011 19:48:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23940.	1.268	-.0156	109.7	1.129	5593.
Stddev	118.	.174	.6195	.9	.126	13.
%RSD	.4922	13.73	3971.	.8456	11.20	.2388
#1	23870.	1.442	.4640	110.3	1.211	5580.
#2	23870.	1.269	-.7151	110.2	.9832	5594.
#3	24080.	1.094	.2043	108.6	1.193	5606.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0365	6.268	39.82	15.22	10200.	1156.
Stddev	.0521	.075	.32	2.05	47.	3.
%RSD	142.6	1.196	.7938	13.47	.4646	.2745
#1	.0668	6.355	39.95	13.02	10260.	1158.
#2	-.0236	6.228	40.04	17.07	10190.	1158.
#3	.0664	6.222	39.45	15.57	10170.	1152.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-5-i@4 Acquired: 9/30/2011 19:48:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1901.	93.39	487.0	15.90	19.59	.2641
Stddev	7.	.47	7.3	.10	.27	1.058
%RSD	.3914	.5076	1.508	.6104	1.397	400.4
#1	1906.	93.82	478.8	15.90	19.42	-.1990
#2	1905.	93.46	492.9	15.99	19.90	1.474
#3	1893.	92.88	489.2	15.80	19.45	-.4828

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.168	1.315	58.10	34.95	3.090	.0246
Stddev	.701	2.612	.14	.44	.173	.2305
%RSD	60.05	198.7	.2404	1.249	5.603	935.9
#1	.8127	-1.467	58.26	35.30	3.281	-.0690
#2	1.976	1.696	58.07	35.10	2.943	-.1443
#3	.7150	3.715	57.98	34.46	3.046	.2872

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-5-i@4 Acquired: 9/30/2011 19:48:39 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.053	141.1	631.5
Stddev	.302	.5	2.8
%RSD	14.69	.3489	.4437

#1	1.716	140.7	631.1
#2	2.145	141.0	629.0
#3	2.298	141.7	634.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2633.4	37992.	5529.8
Stddev	2.0	51.	37.0
%RSD	.07778	.13298	.66982

#1	2631.2	37988.	5559.2
#2	2634.0	37943.	5542.0
#3	2635.2	38044.	5488.2

Sample Name: 460-31629-b-1-d@4 Acquired: 9/30/2011 19:52:24 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19890.	72.21	1.075	1048.	1.577	223700.
Stddev	108.	3.14	.500	6.	.049	1296.
%RSD	.5412	4.350	46.56	.5906	3.082	.5795

#1	20010.	74.35	.5339	1053.	1.610	225000.
#2	19880.	68.60	1.170	1050.	1.600	223700.
#3	19790.	73.67	1.522	1041.	1.521	222400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.992	20.81	138.9	476.4	121200.	2747.
Stddev	.095	.56	.3	4.4	271.	42.
%RSD	3.160	2.705	.2276	.9190	.2238	1.514

#1	2.973	21.42	138.6	481.4	121500.	2789.
#2	3.094	20.31	139.2	474.2	121100.	2746.
#3	2.908	20.69	138.7	473.5	121000.	2706.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-1-d@4 Acquired: 9/30/2011 19:52:24 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49700.	1062.	1847.	85.45	1139.	6.571
Stddev	176.	4.	31.	.93	7.	1.224
%RSD	.3531	.4207	1.700	1.083	.5997	18.63

#1	49880.	1064.	1878.	86.18	1146.	5.238
#2	49700.	1065.	1849.	85.77	1140.	7.646
#3	49530.	1057.	1815.	84.41	1132.	6.830

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.342	4.255	71.90	1801.	60.68	29.00
Stddev	.674	1.883	.71	10.	.99	.73
%RSD	12.61	44.26	.9823	.5590	1.628	2.501

#1	5.362	4.750	72.32	1810.	61.06	29.54
#2	6.005	2.174	72.31	1803.	61.42	29.28
#3	4.658	5.841	71.09	1790.	59.56	28.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-1-d@4 Acquired: 9/30/2011 19:52:24 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	47.94	618.3	804.6
Stddev	.52	3.4	6.2
%RSD	1.078	.5560	.7708

#1	48.22	621.3	811.2
#2	48.27	619.0	803.5
#3	47.35	614.5	799.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2472.8	35507.	5426.7
Stddev	1.7	100.	44.2
%RSD	.06723	.28088	.81530

#1	2474.5	35392.	5377.3
#2	2472.8	35568.	5462.7
#3	2471.2	35562.	5440.2

Sample Name: CCV Acquired: 9/30/2011 19:56:07 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125900.	2488.	1237.	10060.	1005.	128200.
Stddev	287.	3.	1.	19.	3.	443.
%RSD	.2281	.1033	.1126	.1841	.2642	.3455

#1	125800.	2491.	1236.	10070.	1005.	128000.
#2	125700.	2487.	1239.	10080.	1003.	128000.
#3	126200.	2486.	1237.	10040.	1008.	128800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1263.	2491.	5035.	12610.	100100.	49390.
Stddev	3.	6.	8.	39.	242.	201.
%RSD	.1993	.2209	.1683	.3100	.2415	.4059

#1	1265.	2495.	5029.	12580.	99870.	49280.
#2	1264.	2493.	5045.	12590.	100400.	49270.
#3	1260.	2485.	5032.	12650.	100100.	49620.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:56:07 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125500.	5128.	124100.	2530.	7548.	1004.
Stddev	150.	9.	484.	6.	17.	1.
%RSD	.1193	.1793	.3896	.2382	.2312	.0849

#1	125400.	5121.	123900.	2535.	7563.	1004.
#2	125700.	5139.	123800.	2532.	7553.	1003.
#3	125500.	5125.	124700.	2523.	7529.	1003.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2446.	2549.	2478.	2491.	1001.	2498.
Stddev	8.	12.	7.	4.	2.	7.
%RSD	.3190	.4718	.2669	.1747	.2238	.2900

#1	2450.	2560.	2472.	2496.	1003.	2505.
#2	2450.	2551.	2485.	2492.	999.2	2500.
#3	2437.	2536.	2478.	2487.	1000.	2491.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:56:07 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	994.3	5107.	9961.
Stddev	3.4	14.	36.
%RSD	.3372	.2690	.3640

#1	997.4	5101.	9954.
#2	994.7	5097.	9928.
#3	990.7	5123.	10000.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2338.4	33506.	5185.7
Stddev	1.5	102.	37.1
%RSD	.06206	.30364	.71628

#1	2339.9	33614.	5220.8
#2	2337.0	33493.	5189.5
#3	2338.4	33411.	5146.8

Sample Name: CCB Acquired: 9/30/2011 19:59:36 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.20	-2.244	.8035	.4356	.0433	-9.972
Stddev	23.06	2.021	.4433	.1049	.1110	18.74
%RSD	162.5	90.04	55.17	24.09	256.2	188.0

#1	39.07	-4.574	1.216	.5530	-.0777	-20.67
#2	9.997	-.9626	.8603	.3509	.0673	-20.92
#3	-6.478	-1.196	.3346	.4028	.1404	11.67

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1211	-.0300	-.0078	-.3349	-1.622	-52.53
Stddev	.0653	.3772	.2299	3.151	3.934	19.90
%RSD	53.91	1256.	2955.	940.9	242.5	37.88

#1	.1758	.1011	-.2652	2.088	-.7906	-75.43
#2	.0489	-.4552	.1772	-3.898	1.830	-42.82
#3	.1386	.2641	.0647	.8048	-5.905	-39.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:59:36 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8791	.3920	11.73	-.3472	.0329	3.114
Stddev	3.279	.0601	23.55	.2316	.6176	.850
%RSD	373.0	15.34	200.8	66.70	1877.	27.28

#1	.7971	.4609	1.268	-.5613	.6168	2.452
#2	4.199	.3643	38.70	-.3787	.0955	2.819
#3	-2.359	.3506	-4.783	-.1014	-.6136	4.072

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.175	.4517	.4826	.7900	1.295	4.851
Stddev	1.557	.5676	.5694	.2137	.312	.073
%RSD	49.06	125.7	118.0	27.05	24.05	1.500

#1	3.873	-.1723	.4201	1.035	1.555	4.876
#2	4.261	.5899	1.081	.6422	1.381	4.907
#3	1.390	.9375	-.0529	.6928	.9501	4.769

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:59:36 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3683	.2495	4.243
Stddev	.2532	.2205	1.398
%RSD	68.75	88.38	32.96

#1	.6559	.4821	2.652
#2	.2698	.0436	4.797
#3	.1791	.2226	5.278

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2545.3	36884.	5238.8
Stddev	3.2	277.	22.0
%RSD	.12498	.75153	.42016

#1	2546.7	36601.	5213.6
#2	2547.6	37155.	5249.1
#3	2541.7	36896.	5253.8

Sample Name: 460-31629-b-2-d@4 Acquired: 9/30/2011 20:03:29 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16130.	25.39	.4942	56.44	1.257	2830.
Stddev	120.	.21	.7676	.26	.068	22.
%RSD	.7408	.8389	155.3	.4660	5.413	.7855

#1	16100.	25.15	1.032	56.61	1.273	2818.
#2	16260.	25.45	.8353	56.58	1.182	2855.
#3	16030.	25.56	-.3848	56.14	1.316	2815.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1513	26.84	65.18	24.42	81990.	2706.
Stddev	.1810	.17	.19	1.51	95.	50.
%RSD	119.6	.6370	.2921	6.197	.1164	1.855

#1	.1216	26.65	65.04	22.68	81920.	2699.
#2	.3452	26.97	65.11	25.21	82100.	2660.
#3	-.0131	26.90	65.40	25.38	81940.	2760.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-2-d@4 Acquired: 9/30/2011 20:03:29 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6351.	410.5	1334.	45.99	8.865	-1.543
Stddev	6.	1.0	17.	.17	.974	.590
%RSD	.0923	.2324	1.283	.3734	10.99	38.25

#1	6348.	410.5	1353.	46.00	9.947	-1.864
#2	6346.	409.5	1331.	46.16	8.057	-.8619
#3	6357.	411.4	1319.	45.81	8.593	-1.904

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.119	3.399	91.82	98.53	11.91	3.588
Stddev	2.319	1.579	.62	.38	1.25	.389
%RSD	56.30	46.45	.6712	.3897	10.52	10.83

#1	4.872	4.847	92.50	98.67	13.25	3.232
#2	5.969	1.716	91.65	98.81	10.77	3.530
#3	1.517	3.635	91.30	98.09	11.71	4.003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-2-d@4 Acquired: 9/30/2011 20:03:29 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.086	16.22	1043.
Stddev	.520	.13	10.
%RSD	16.86	.7793	.9119

#1	3.084	16.07	1037.
#2	3.607	16.32	1054.
#3	2.567	16.25	1037.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2605.9	37652.	5489.3
Stddev	4.4	113.	38.1
%RSD	.16807	.29986	.69343

#1	2600.9	37558.	5504.0
#2	2609.1	37777.	5446.1
#3	2607.7	37620.	5517.9

Sample Name: 460-31629-a-3-a@4 Acquired: 9/30/2011 20:07:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31200.	26.74	.2511	224.9	1.859	6446.
Stddev	22.	3.75	.9159	.8	.104	12.
%RSD	.0702	14.04	364.7	.3675	5.596	.1909

#1	31220.	28.37	.2143	225.2	1.738	6447.
#2	31180.	22.44	-.6458	225.6	1.917	6434.
#3	31180.	29.40	1.185	224.0	1.920	6458.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2260	22.84	79.29	61.26	146300.	6734.
Stddev	.0574	.18	.50	1.25	361.	14.
%RSD	25.38	.7929	.6256	2.048	.2464	.2046

#1	-.1785	23.00	79.27	59.83	146300.	6730.
#2	-.2097	22.87	79.79	61.78	146700.	6749.
#3	-.2897	22.64	78.80	62.17	146000.	6722.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-a-3-a@4 Acquired: 9/30/2011 20:07:11 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9194.	859.5	550.4	42.96	48.13	-4.762
Stddev	8.	2.4	16.3	.63	2.57	.890
%RSD	.0827	.2747	2.955	1.461	5.348	18.70

#1	9192.	856.8	569.2	43.00	51.10	-4.521
#2	9202.	861.4	540.7	43.57	46.68	-4.018
#3	9187.	860.2	541.4	42.31	46.61	-5.749

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.385	3.230	101.0	148.8	14.60	.8539
Stddev	2.268	2.229	.5	.7	.37	.2320
%RSD	163.7	69.00	.5352	.4914	2.558	27.16

#1	-.7908	5.207	101.5	149.2	14.79	1.111
#2	.5262	.8145	100.9	149.1	14.17	.7903
#3	-3.891	3.669	100.5	147.9	14.83	.6604

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-a-3-a@4 Acquired: 9/30/2011 20:07:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.946	78.94	977.8
Stddev	1.025	.13	2.8
%RSD	25.97	.1628	.2840

#1	5.111	78.97	979.3
#2	3.183	78.80	974.6
#3	3.545	79.05	979.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2616.6	37801.	5589.2
Stddev	5.8	170.	15.4
%RSD	.21989	.45075	.27568

#1	2623.2	37941.	5588.7
#2	2612.5	37849.	5604.9
#3	2614.2	37611.	5574.1

Sample Name: 460-31721-a-1-b@4 Acquired: 9/30/2011 20:10:53 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18010.	35.45	.2072	97.53	.7791	14990.
Stddev	35.	.50	.5388	.65	.0363	35.
%RSD	.1964	1.400	260.0	.6688	4.665	.2328

#1	18020.	35.80	.3196	98.06	.7523	14970.
#2	18040.	34.88	-.3789	97.73	.8205	15030.
#3	17970.	35.67	.6810	96.80	.7646	14980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.850	6.811	37.18	62.04	27650.	1077.
Stddev	.099	.142	.15	1.67	90.	42.
%RSD	2.042	2.093	.3984	2.692	.3249	3.894

#1	4.965	6.931	37.35	62.28	27680.	1119.
#2	4.790	6.653	37.11	63.58	27720.	1036.
#3	4.797	6.850	37.09	60.26	27550.	1077.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-1-b@4 Acquired: 9/30/2011 20:10:53 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50070.	256.6	397.0	19.22	3368.	52.43
Stddev	94.	.5	8.2	.36	17.	1.01
%RSD	.1879	.1837	2.065	1.861	.5112	1.917

#1	50100.	256.9	406.4	18.93	3377.	51.46
#2	50150.	256.9	391.7	19.62	3379.	53.46
#3	49970.	256.1	392.8	19.12	3348.	52.37

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.379	3.977	62.88	140.6	17.61	1.956
Stddev	4.134	1.237	.37	.7	.76	.085
%RSD	173.7	31.11	.5912	.4649	4.330	4.358

#1	4.168	5.254	63.31	141.0	18.08	1.861
#2	-2.348	3.893	62.68	141.0	18.01	2.027
#3	5.318	2.784	62.65	139.8	16.73	1.979

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-1-b@4 Acquired: 9/30/2011 20:10:53 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	22.26	25.40	234.0
Stddev	1.59	.22	1.4
%RSD	7.137	.8533	.5902

#1	24.09	25.19	233.4
#2	21.45	25.63	233.0
#3	21.24	25.39	235.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2556.4	36926.	5437.9
Stddev	.8	127.	5.9
%RSD	.03288	.34432	.10926

#1	2555.6	37008.	5432.2
#2	2557.2	36991.	5437.5
#3	2556.5	36780.	5444.0

Sample Name: 460-31721-a-2-b@4 Acquired: 9/30/2011 20:14:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14320.	47.75	.8689	99.75	.6233	34220.
Stddev	32.	.06	.3903	.24	.0262	45.
%RSD	.2267	.1243	44.92	.2443	4.200	.1305

#1	14280.	47.81	1.283	99.91	.6389	34240.
#2	14330.	47.72	.5078	99.88	.6379	34170.
#3	14340.	47.71	.8160	99.47	.5931	34260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.708	8.943	37.49	59.74	29810.	1313.
Stddev	.025	.216	.73	2.91	21.	56.
%RSD	.5290	2.418	1.960	4.871	.0715	4.242

#1	4.705	9.177	38.31	56.84	29790.	1374.
#2	4.734	8.750	37.28	59.71	29820.	1265.
#3	4.684	8.903	36.88	62.66	29840.	1298.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-2-b@4 Acquired: 9/30/2011 20:14:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	139200.	292.1	116.0	25.30	2567.	34.18
Stddev	259.	1.8	3.1	.56	8.	1.06
%RSD	.1864	.6007	2.701	2.218	.3144	3.095

#1	139500.	293.9	119.6	24.67	2568.	33.13
#2	139200.	291.9	114.3	25.74	2575.	35.25
#3	138900.	290.4	114.0	25.51	2559.	34.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.361	1.836	60.85	158.7	37.87	3.533
Stddev	1.641	1.860	.29	.5	1.11	.255
%RSD	69.50	101.3	.4723	.3387	2.923	7.219

#1	.4944	3.957	61.13	158.6	36.76	3.746
#2	3.576	.4772	60.56	159.3	38.97	3.603
#3	3.012	1.075	60.86	158.3	37.88	3.250

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-2-b@4 Acquired: 9/30/2011 20:14:34 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	18.78	47.21	296.1
Stddev	.51	.14	4.2
%RSD	2.714	.2942	1.422

#1	19.17	47.37	292.0
#2	18.20	47.13	296.0
#3	18.96	47.12	300.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2489.6	35814.	5352.9
Stddev	2.6	51.	24.6
%RSD	.10307	.14131	.45916

#1	2492.2	35755.	5353.8
#2	2489.4	35840.	5377.0
#3	2487.1	35845.	5327.9

Sample Name: 460-31725-e-1-e@4 Acquired: 9/30/2011 20:18:15 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2792.	10.66	.7660	18.10	.3658	473.1
Stddev	38.	.88	.8042	.15	.1120	8.2
%RSD	1.354	8.209	105.0	.8121	30.62	1.726

#1	2836.	10.77	1.243	18.23	.4901	480.1
#2	2770.	11.48	-.1624	17.94	.3345	475.0
#3	2770.	9.742	1.217	18.12	.2727	464.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3568	3.866	24.82	13.62	22750.	396.1
Stddev	.0860	.240	.46	2.87	87.	71.3
%RSD	24.11	6.203	1.835	21.10	.3831	18.01

#1	.3690	3.987	25.34	12.22	22840.	429.4
#2	.4361	4.022	24.50	11.71	22670.	314.2
#3	.2653	3.590	24.63	16.92	22730.	444.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31725-e-1-e@4 Acquired: 9/30/2011 20:18:15 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	377.5	84.61	37.30	5.727	15.03	.1554
Stddev	9.4	.22	20.51	.303	1.26	1.454
%RSD	2.477	.2554	55.00	5.300	8.399	935.9

#1	387.2	84.77	29.66	5.394	14.14	-1.483
#2	368.5	84.36	21.70	5.799	14.48	1.292
#3	376.9	84.69	60.53	5.988	16.47	.6572

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.447	-.1200	26.53	69.59	2.226	1.542
Stddev	2.375	1.079	.20	.57	.617	.145
%RSD	97.04	899.1	.7515	.8177	27.73	9.426

#1	3.623	1.093	26.69	69.91	2.287	1.375
#2	-.2861	-.9725	26.59	69.93	2.810	1.639
#3	4.004	-.4811	26.31	68.93	1.580	1.612

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31725-e-1-e@4 Acquired: 9/30/2011 20:18:15 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.733	4.293	99.49
Stddev	1.092	.076	1.66
%RSD	63.01	1.762	1.665

#1	.4960	4.360	101.2
#2	2.140	4.211	97.84
#3	2.563	4.309	99.47

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2570.4	37482.	5386.9
Stddev	2.2	158.	51.9
%RSD	.08589	.42193	.96346

#1	2569.8	37485.	5334.9
#2	2568.5	37639.	5438.7
#3	2572.8	37323.	5387.1

Sample Name: 460-31752-a-1-a@4 Acquired: 9/30/2011 20:22:00 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82830.	15.55	-.0696	212.9	1.732	2759.
Stddev	577.	1.01	.4925	.4	.048	9.
%RSD	.6969	6.466	707.7	.2111	2.780	.3257
#1	83460.	16.65	.0223	213.4	1.783	2764.
#2	82700.	15.29	.3705	212.9	1.687	2749.
#3	82330.	14.69	-.6015	212.5	1.727	2765.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2337	24.46	136.1	120.9	110400.	3159.
Stddev	.1278	.20	.6	3.5	420.	42.
%RSD	54.68	.8247	.4591	2.901	.3801	1.319
#1	-.1914	24.25	136.8	117.0	110800.	3162.
#2	-.1325	24.65	135.9	121.9	110300.	3116.
#3	-.3773	24.49	135.7	123.8	110000.	3199.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-1-a@4 Acquired: 9/30/2011 20:22:00 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12930.	700.3	73.83	58.35	55.82	-3.934
Stddev	34.	2.8	6.23	.39	1.20	.885
%RSD	.2593	.4041	8.434	.6620	2.147	22.51

#1	12970.	703.5	66.97	58.69	55.97	-4.866
#2	12910.	699.3	75.42	57.93	54.55	-3.832
#3	12910.	698.0	79.12	58.43	56.94	-3.104

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0987	-1.526	207.1	304.7	8.474	.3907
Stddev	1.890	2.009	1.0	.6	.304	.3255
%RSD	1916.	131.7	.5040	.2082	3.589	83.31

#1	1.492	-2.297	208.3	304.7	8.580	.6802
#2	-2.188	-3.036	206.9	305.3	8.711	.4537
#3	.4005	.7545	206.3	304.1	8.131	.0383

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-1-a@4 Acquired: 9/30/2011 20:22:00 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.352	21.82	2571.
Stddev	.787	.19	16.
%RSD	10.71	.8672	.6045

#1	7.864	22.04	2588.
#2	7.746	21.69	2569.
#3	6.445	21.73	2557.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2587.0	37079.	5474.6
Stddev	4.8	81.	28.8
%RSD	.18432	.21898	.52667

#1	2581.6	36987.	5442.7
#2	2588.8	37141.	5482.4
#3	2590.6	37109.	5498.8

Sample Name: 460-31752-a-2-a@4 Acquired: 9/30/2011 20:25:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94430.	22.00	-.3353	281.9	2.434	4364.
Stddev	51.	1.86	.5836	.8	.126	26.
%RSD	.0536	8.474	174.0	.2869	5.194	.6060

#1	94470.	21.20	-.1325	282.9	2.443	4394.
#2	94430.	24.13	.1199	281.6	2.303	4344.
#3	94370.	20.67	-.9933	281.3	2.555	4353.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0193	39.81	145.4	148.2	136300.	4172.
Stddev	.0597	.29	.2	2.4	484.	30.
%RSD	309.2	.7206	.1406	1.647	.3551	.7081

#1	.0357	39.71	145.6	149.6	136200.	4166.
#2	-.0469	40.14	145.2	145.4	136900.	4145.
#3	.0691	39.59	145.4	149.6	135900.	4204.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-2-a@4 Acquired: 9/30/2011 20:25:41 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14710.	1541.	99.89	74.00	149.8	-2.669
Stddev	29.	1.	7.82	1.01	1.1	2.222
%RSD	.1969	.0335	7.830	1.367	.7559	83.25

#1	14720.	1540.	93.31	74.41	149.1	-5.079
#2	14740.	1541.	108.5	74.75	151.1	-.7018
#3	14680.	1541.	97.83	72.85	149.2	-2.227

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.343	-5.018	246.7	418.8	10.60	1.233
Stddev	3.739	1.861	.5	1.8	.28	.361
%RSD	159.6	37.09	.2176	.4216	2.639	29.26

#1	-.6227	-6.114	246.8	419.5	10.61	1.232
#2	6.543	-2.868	247.1	420.1	10.88	.8730
#3	1.109	-6.070	246.1	416.8	10.32	1.595

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-2-a@4 Acquired: 9/30/2011 20:25:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	11.33	32.51	2950.
Stddev	.38	.09	4.
%RSD	3.327	.2801	.1457

#1	11.23	32.61	2954.
#2	11.02	32.46	2948.
#3	11.75	32.45	2946.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2578.5	37071.	5470.8
Stddev	8.6	180.	31.6
%RSD	.33435	.48599	.57779

#1	2587.4	37205.	5440.7
#2	2578.0	37141.	5503.7
#3	2570.2	36866.	5468.1

Sample Name: 460-31752-f-3-c@4 Acquired: 9/30/2011 20:29:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	71810.	37.47	.1300	180.2	2.957	3038.
Stddev	349.	1.42	.5640	.8	.140	12.
%RSD	.4856	3.803	433.8	.4606	4.736	.4034

#1	72130.	38.47	.2924	180.8	3.099	3052.
#2	71850.	38.09	.5950	180.7	2.819	3030.
#3	71440.	35.84	-.4974	179.3	2.954	3031.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1796	42.64	167.7	149.4	167100.	3140.
Stddev	.0897	.35	.2	5.9	85.	33.
%RSD	49.97	.8320	.1441	3.947	.0507	1.065

#1	-.0760	42.97	168.0	154.2	167200.	3155.
#2	-.2292	42.68	167.7	142.8	167000.	3163.
#3	-.2336	42.27	167.5	151.2	167000.	3101.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-f-3-c@4 Acquired: 9/30/2011 20:29:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12220.	1847.	2.804	54.44	120.2	-3.781
Stddev	28.	7.	10.20	.10	1.4	1.517
%RSD	.2287	.3918	363.7	.1848	1.179	40.13
#1	12240.	1850.	-5.097	54.33	121.6	-2.052
#2	12190.	1838.	-.8061	54.53	120.1	-4.399
#3	12230.	1852.	14.31	54.46	118.8	-4.893

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.598	4.159	288.1	240.9	8.667	1.620
Stddev	1.066	.522	1.0	1.2	.861	.222
%RSD	19.05	12.55	.3317	.5061	9.936	13.68
#1	4.367	3.601	288.3	241.6	8.267	1.688
#2	6.224	4.636	287.1	241.6	9.655	1.799
#3	6.203	4.239	289.0	239.5	8.078	1.372

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-f-3-c@4 Acquired: 9/30/2011 20:29:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.979	23.63	1997.
Stddev	.394	.13	9.
%RSD	4.932	.5701	.4301

#1	7.627	23.77	2004.
#2	8.404	23.62	2000.
#3	7.905	23.50	1987.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2570.8	37089.	5490.8
Stddev	2.7	171.	5.1
%RSD	.10682	.46081	.09243

#1	2573.7	36993.	5495.3
#2	2568.2	37286.	5491.8
#3	2570.6	36987.	5485.3

Sample Name: 460-31634-a-1-f@4 Acquired: 9/30/2011 20:33:01 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51290.	11.54	.7566	217.3	1.812	10330.
Stddev	283.	1.61	.4449	1.1	.096	45.
%RSD	.5521	13.99	58.80	.4982	5.298	.4318

#1	51560.	9.733	.7643	218.5	1.910	10380.
#2	51320.	12.05	1.198	216.9	1.807	10300.
#3	51000.	12.84	.3079	216.4	1.718	10310.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0378	44.24	107.9	201.3	96490.	2736.
Stddev	.0847	.24	1.2	2.3	242.	73.
%RSD	223.8	.5382	1.132	1.145	.2503	2.668

#1	.0439	44.40	108.0	203.2	96540.	2659.
#2	.1193	44.34	109.0	198.7	96700.	2743.
#3	-.0497	43.96	106.6	201.9	96230.	2805.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31634-a-1-f@4 Acquired: 9/30/2011 20:33:01 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15520.	1505.	765.5	74.24	60.89	-2.015
Stddev	5.	2.	14.0	.65	1.06	2.062
%RSD	.0327	.1518	1.827	.8804	1.746	102.4

#1	15530.	1507.	778.1	74.79	60.03	.2529
#2	15520.	1504.	767.9	74.40	62.08	-2.519
#3	15520.	1503.	750.5	73.52	60.56	-3.778

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.197	-.7093	175.4	178.9	13.68	.0929
Stddev	3.776	2.355	1.1	.6	.34	.1417
%RSD	118.1	332.0	.6210	.3605	2.505	152.5

#1	2.208	1.931	176.1	179.3	14.03	-.0631
#2	.0133	-2.594	176.1	179.3	13.65	.1283
#3	7.369	-1.465	174.2	178.1	13.35	.2137

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31634-a-1-f@4 Acquired: 9/30/2011 20:33:01 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.782	42.19	1865.
Stddev	.482	.08	8.
%RSD	8.345	.1902	.4487

#1	5.401	42.19	1873.
#2	6.325	42.27	1866.
#3	5.620	42.11	1856.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2629.1	38000.	5609.2
Stddev	3.7	86.	24.8
%RSD	.14263	.22721	.44182

#1	2625.3	37909.	5588.5
#2	2632.7	38081.	5602.5
#3	2629.3	38010.	5636.7

Sample Name: 460-31413-a-7-b Acquired: 9/30/2011 20:36:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	240.1	3.046	.7774	276.0	.0610	12560.
Stddev	4.0	1.737	.6490	1.8	.0627	35.
%RSD	1.667	57.01	83.49	.6407	102.7	.2767

#1	238.2	2.704	1.519	276.5	.1303	12540.
#2	244.7	4.928	.3125	277.5	.0083	12600.
#3	237.4	1.506	.5008	274.1	.0445	12540.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1236	.3759	35.05	12.50	367.5	1409.
Stddev	.0491	.1590	.38	2.75	2.5	22.
%RSD	39.71	42.30	1.092	21.96	.6773	1.554

#1	.1127	.3449	35.48	9.334	370.2	1433.
#2	.0809	.2347	34.76	13.94	365.3	1405.
#3	.1772	.5481	34.89	14.23	367.1	1390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31413-a-7-b Acquired: 9/30/2011 20:36:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6877.	11.95	7925.	1.411	131.8	40.58
Stddev	17.	.02	4.	.419	2.5	1.96
%RSD	.2531	.2020	.0457	29.69	1.881	4.829

#1	6869.	11.98	7923.	1.068	132.2	42.83
#2	6897.	11.95	7922.	1.878	134.1	39.34
#3	6864.	11.93	7929.	1.287	129.2	39.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.710	3.339	5.693	57.25	107.0	5.591
Stddev	2.325	1.162	.376	.47	1.1	.088
%RSD	62.67	34.79	6.601	.8223	.9941	1.576

#1	6.051	2.890	6.038	57.35	106.6	5.683
#2	1.402	4.658	5.747	57.66	108.2	5.508
#3	3.675	2.469	5.293	56.73	106.2	5.581

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31413-a-7-b Acquired: 9/30/2011 20:36:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.088	97.80	6.222
Stddev	.489	.06	2.256
%RSD	15.85	.0585	36.26

#1	2.810	97.80	4.607
#2	2.802	97.74	5.259
#3	3.653	97.85	8.800

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2556.3	37210.	5416.4
Stddev	7.4	176.	15.2
%RSD	.29038	.47241	.28072

#1	2563.9	37410.	5418.1
#2	2555.9	37078.	5430.6
#3	2549.1	37142.	5400.4

Sample Name: CCV Acquired: 9/30/2011 20:40:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	2477.	1234.	10020.	990.8	126000.
Stddev	283.	18.	3.	81.	1.6	320.
%RSD	.2264	.7138	.2817	.8041	.1659	.2537

#1	124700.	2489.	1238.	10070.	990.3	125800.
#2	124800.	2486.	1232.	10070.	989.5	125800.
#3	125200.	2457.	1231.	9931.	992.6	126400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1258.	2485.	5001.	12450.	99720.	49640.
Stddev	10.	23.	14.	21.	299.	365.
%RSD	.8044	.9347	.2855	.1648	.2999	.7354

#1	1265.	2500.	5015.	12440.	99970.	49380.
#2	1263.	2496.	5000.	12440.	99800.	49490.
#3	1247.	2458.	4986.	12470.	99390.	50060.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 20:40:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124700.	5053.	123900.	2521.	7536.	999.9
Stddev	507.	27.	437.	23.	64.	10.8
%RSD	.4069	.5328	.3531	.9318	.8515	1.077

#1	125100.	5081.	123500.	2535.	7576.	1005.
#2	124800.	5052.	123800.	2534.	7571.	1007.
#3	124100.	5027.	124400.	2494.	7462.	987.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2445.	2529.	2468.	2489.	1000.0	2484.
Stddev	11.	25.	8.	22.	5.46	28.
%RSD	.4596	.9911	.3255	.8940	.5458	1.120

#1	2448.	2547.	2475.	2504.	1004.	2501.
#2	2455.	2540.	2471.	2499.	1003.	2498.
#3	2433.	2500.	2459.	2463.	993.7	2452.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 20:40:30 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	993.0	5014.	9873.
Stddev	6.1	11.	14.
%RSD	.6133	.2115	.1454

#1	996.7	5006.	9861.
#2	996.4	5010.	9870.
#3	986.0	5026.	9889.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2330.7	33768.	5228.0
Stddev	8.6	15.	21.8
%RSD	.36728	.04435	.41652

#1	2340.1	33783.	5234.5
#2	2323.4	33768.	5245.7
#3	2328.7	33753.	5203.7

Sample Name: CCB Acquired: 9/30/2011 20:43:59 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3607	-2.068	.8909	.2768	.0445	-2.759
Stddev	11.10	.658	.1670	.0527	.1115	8.500
%RSD	3077.	31.83	18.74	19.05	250.5	308.0

#1	7.323	-1.532	.8163	.2926	.1077	-6.399
#2	6.198	-1.869	.7743	.2180	.1101	-8.833
#3	-12.44	-2.803	1.082	.3199	-.0842	6.954

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0961	.0100	-.5657	-1.477	7.314	.2874
Stddev	.0197	.2333	.3460	1.668	12.56	62.47
%RSD	20.46	2331.	61.16	112.9	171.8	21740.

#1	.0764	.2636	-.9512	-1.454	20.16	-45.92
#2	.1157	-.0381	-.4639	-3.157	-4.948	-24.58
#3	.0961	-.1955	-.2821	.1794	6.732	71.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 20:43:59 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.771	.0978	5.997	-.1905	-.9373	3.508
Stddev	3.799	.1048	15.85	.3593	.8145	2.067
%RSD	79.62	107.2	264.3	188.7	86.90	58.93
#1	7.804	.2158	6.808	-.5336	-.7354	3.125
#2	5.998	.0617	21.42	.1831	-1.834	5.741
#3	.5102	.0158	-10.24	-.2209	-.2427	1.659

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.653	2.281	.2809	.7780	1.142	4.085
Stddev	2.175	2.038	.5538	.3888	1.427	.502
%RSD	46.74	89.37	197.2	49.98	125.0	12.28
#1	6.366	3.401	.4435	1.040	2.704	4.013
#2	2.206	3.513	.7352	.9628	-.0933	4.618
#3	5.386	-.0720	-.3361	.3313	.8147	3.623

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 20:43:59 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1434	.2097	3.009
Stddev	.2327	.0938	.700
%RSD	162.3	44.74	23.28

#1	.2125	.3171	2.903
#2	-.1160	.1683	3.756
#3	.3336	.1437	2.368

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2526.0	36894.	5267.2
Stddev	5.3	20.	11.4
%RSD	.21001	.05528	.21680

#1	2532.0	36905.	5272.7
#2	2522.1	36871.	5254.1
#3	2524.0	36906.	5274.8

Sample Name: mb 460-87877/1-a Acquired: 9/30/2011 20:47:52 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.51	-1.824	.1397	.0019	-.0317	-15.41
Stddev	11.99	2.387	1.117	.0171	.0385	14.11
%RSD	82.60	130.9	799.9	883.1	121.1	91.58
#1	20.75	-.2757	1.133	-.0178	-.0761	-31.02
#2	22.10	-.6220	-1.070	.0106	-.0109	-3.574
#3	.6921	-4.573	.3560	.0130	-.0082	-11.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0020	-.1510	-.2028	-.2817	-.9617	-46.74
Stddev	.0625	.2693	.4252	2.626	3.053	74.56
%RSD	3084.	178.4	209.7	932.0	317.5	159.5
#1	-.0015	.0149	-.5361	-3.113	1.849	-18.58
#2	-.0586	-.4617	.2761	2.074	-.5247	9.649
#3	.0662	-.0061	-.3483	.1940	-4.210	-131.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87877/1-a Acquired: 9/30/2011 20:47:52 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2128	.1603	9.475	.0340	-.8270	.4328
Stddev	1.746	.0011	19.45	.3600	.7987	1.696
%RSD	820.6	.6635	205.3	1060.	96.57	391.8
#1	-1.696	.1609	.4281	-.1659	.0580	-1.334
#2	.6031	.1609	31.80	-.1818	-1.045	.5858
#3	1.731	.1590	-3.809	.4496	-1.494	2.047

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5353	.7084	.1974	.3384	1.737	.5119
Stddev	3.512	.7693	.6460	.1393	.399	.1404
%RSD	656.0	108.6	327.2	41.16	22.96	27.43
#1	.1559	1.528	.3425	.3528	1.286	.3612
#2	4.221	.0025	.7586	.4699	1.883	.5354
#3	-2.771	.5945	-.5088	.1924	2.042	.6391

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87877/1-a Acquired: 9/30/2011 20:47:52 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2472	.0036	.9690
Stddev	.8977	.1871	2.101
%RSD	363.2	5194.	216.8

#1	-1.279	-.2034	2.753
#2	.1865	.0536	-1.347
#3	.3514	.1606	1.501

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2567.1	37620.	5349.9
Stddev	2.8	181.	29.6
%RSD	.10903	.48036	.55326

#1	2565.3	37416.	5315.7
#2	2570.3	37761.	5365.7
#3	2565.6	37681.	5368.1

Sample Name: lcs 460-87877/2-a Acquired: 9/30/2011 20:51:44 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2061.	1938.	48.96	2040.	50.25	20870.
Stddev	26.	12.	.55	14.	.39	112.
%RSD	1.242	.6063	1.127	.6877	.7826	.5348

#1	2036.	1947.	49.45	2052.	49.80	20760.
#2	2087.	1943.	48.36	2043.	50.50	20980.
#3	2062.	1925.	49.07	2025.	50.45	20870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.49	515.6	204.2	252.9	1018.	19520.
Stddev	.36	2.9	1.5	1.6	8.	104.
%RSD	.7036	.5615	.7561	.6207	.7582	.5315

#1	51.74	517.9	205.8	251.3	1017.	19400.
#2	51.66	516.6	204.2	254.4	1011.	19590.
#3	51.08	512.4	202.7	253.1	1027.	19570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87877/2-a Acquired: 9/30/2011 20:51:44 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19900.	525.3	19930.	524.0	528.1	496.5
Stddev	99.	2.3	97.	3.6	5.0	4.6
%RSD	.4952	.4284	.4863	.6942	.9386	.9218
#1	19970.	526.5	19820.	527.6	531.9	501.8
#2	19930.	526.8	20000.	524.0	530.0	494.0
#3	19780.	522.7	19970.	520.3	522.5	493.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1921.	2192.	497.0	509.3	507.2	501.4
Stddev	6.	18.	1.2	3.4	1.5	4.7
%RSD	.3058	.7995	.2482	.6735	.3054	.9396
#1	1926.	2209.	497.8	512.8	508.1	505.6
#2	1921.	2193.	497.7	509.3	508.1	502.2
#3	1915.	2174.	495.6	505.9	505.4	496.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87877/2-a Acquired: 9/30/2011 20:51:44 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	506.4	492.6	502.3
Stddev	5.8	2.8	.6
%RSD	1.151	.5697	.1103

#1	512.7	490.1	502.9
#2	505.2	495.6	502.2
#3	501.2	492.2	501.9

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2494.3	36206.	5311.6
Stddev	4.8	57.	12.4
%RSD	.19223	.15816	.23397

#1	2490.8	36246.	5325.0
#2	2499.7	36140.	5300.4
#3	2492.3	36231.	5309.3

Sample Name: 460-31513-a-9-c du Acquired: 9/30/2011 20:55:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	712.7	7.336	.5939	4998.	-.0368	F 623500.
Stddev	15.5	1.548	.5718	62.	.0620	1378.
%RSD	2.172	21.10	96.27	1.248	168.4	.2210
#1	729.6	8.515	1.143	5044.	-.0303	623400.
#2	709.1	7.909	.0020	5023.	.0217	624900.
#3	699.3	5.583	.6368	4927.	-.1018	622100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2675	1.943	1315.	5.366	390.8	5064.
Stddev	.0307	.226	11.	5.233	9.7	60.
%RSD	11.47	11.62	.8423	97.52	2.488	1.190
#1	.2327	1.699	1325.	8.140	381.3	5093.
#2	.2794	1.987	1317.	-.6698	400.8	5104.
#3	.2905	2.144	1303.	8.628	390.4	4994.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-c du Acquired: 9/30/2011 20:55:14 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	191.4	5.085	4052.	3.767	7858.	22.41
Stddev	2.6	.016	16.	.551	89.	.42
%RSD	1.334	.3146	.3938	14.63	1.127	1.853

#1	194.3	5.075	4059.	3.308	7929.	22.40
#2	190.1	5.103	4063.	4.378	7885.	22.00
#3	189.8	5.076	4033.	3.616	7759.	22.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.866	.3650	2.108	860.3	5.362	.9259
Stddev	.9844	1.721	.266	11.1	.525	.1850
%RSD	202.3	471.6	12.61	1.291	9.793	19.98

#1	.5070	2.061	1.804	868.6	4.771	.7127
#2	-1.461	-1.381	2.226	864.7	5.772	1.044
#3	-.5053	.4151	2.295	847.7	5.544	1.021

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-c du Acquired: 9/30/2011 20:55:14 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	6.322	690.8	49.31
Stddev	.297	1.8	3.89
%RSD	4.704	.2666	7.880

#1	6.641	692.5	52.07
#2	6.274	691.2	44.86
#3	6.052	688.9	50.99

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2312.8	33236.	5181.9
Stddev	4.2	111.	19.3
%RSD	.18247	.33483	.37264

#1	2308.0	33127.	5179.7
#2	2315.4	33349.	5163.8
#3	2315.2	33233.	5202.3

Sample Name: 460-31513-a-9-b Acquired: 9/30/2011 20:59:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	707.0	6.095	.3148	4888.	-.0182	F 608900.
Stddev	22.8	2.759	.4983	63.	.0938	3293.
%RSD	3.221	45.28	158.3	1.281	516.9	.5407
#1	703.5	8.392	.1111	4919.	.0327	608500.
#2	731.3	6.858	.8827	4930.	-.1264	612400.
#3	686.1	3.034	-.0495	4816.	.0393	605900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3968	1.792	1290.	3.458	395.8	4989.
Stddev	.0359	.172	7.	2.942	5.6	49.
%RSD	9.056	9.618	.5178	85.09	1.414	.9776
#1	.4369	1.969	1291.	.3417	396.6	4981.
#2	.3858	1.784	1296.	6.188	389.8	5042.
#3	.3676	1.624	1283.	3.844	400.9	4945.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-b Acquired: 9/30/2011 20:59:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	191.9	4.923	3974.	4.250	7697.	23.22
Stddev	1.6	.030	23.	.346	89.	1.42
%RSD	.8253	.6124	.5870	8.135	1.162	6.103
#1	193.7	4.890	3949.	4.191	7743.	24.85
#2	191.5	4.930	3995.	4.621	7754.	22.27
#3	190.6	4.949	3978.	3.937	7594.	22.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.260	-.6433	1.829	844.0	5.990	-.2025
Stddev	2.088	1.183	.116	11.6	.291	.4959
%RSD	92.38	183.9	6.351	1.377	4.866	244.9
#1	.0843	.7096	1.962	849.8	5.688	-.7387
#2	2.449	-1.481	1.746	851.6	6.269	-.1083
#3	4.248	-1.158	1.778	830.6	6.012	.2396

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-b Acquired: 9/30/2011 20:59:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.912	674.6	51.94
Stddev	.639	5.2	.24
%RSD	10.81	.7667	.4652

#1	5.750	676.9	51.87
#2	5.370	678.2	51.75
#3	6.617	668.7	52.21

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2318.1	33335.	5209.6
Stddev	4.1	58.	17.9
%RSD	.17815	.17256	.34372

#1	2322.1	33387.	5206.5
#2	2313.8	33345.	5193.4
#3	2318.3	33273.	5228.8

Sample Name: sd 460-31513-a-9-b@5 Acquired: 9/30/2011 21:03:04 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	159.5	-.2728	.7811	980.9	.0496	136500.
Stddev	13.9	4.039	.3553	12.1	.0532	328.
%RSD	8.709	1481.	45.49	1.231	107.3	.2402

#1	144.0	-4.771	1.172	989.3	.0361	136300.
#2	170.9	.9073	.4782	986.5	.0044	136800.
#3	163.6	3.045	.6930	967.1	.1082	136200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1127	.3619	256.5	.9193	73.24	906.9
Stddev	.0774	.1031	1.1	1.215	3.91	32.9
%RSD	68.71	28.49	.4196	132.1	5.338	3.623

#1	.1903	.2802	257.7	2.270	69.26	883.7
#2	.1121	.4778	256.4	.5727	73.40	944.5
#3	.0355	.3278	255.5	-.0843	77.07	892.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31513-a-9-b@5 Acquired: 9/30/2011 21:03:04 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41.76	.9596	801.8	.5408	1596.	5.295
Stddev	2.82	.0303	5.0	.3445	15.	1.657
%RSD	6.754	3.152	.6244	63.70	.9186	31.30
#1	38.81	.9752	796.7	.3984	1606.	3.447
#2	44.42	.9790	801.8	.9336	1604.	5.786
#3	42.05	.9248	806.7	.2904	1580.	6.651

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.010	1.721	.5419	171.8	1.238	-.4867
Stddev	.900	2.341	.3822	2.0	.952	.3628
%RSD	89.14	136.0	70.53	1.150	76.91	74.55
#1	1.643	1.272	.4404	173.1	2.260	-.4437
#2	1.408	-.3627	.9647	172.7	.3757	-.8691
#3	-.0207	4.253	.2207	169.5	1.078	-.1473

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31513-a-9-b@5 Acquired: 9/30/2011 21:03:04 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6561	134.8	15.23
Stddev	.9073	.5	1.92
%RSD	138.3	.3433	12.57

#1	1.028	134.8	13.04
#2	1.319	135.2	16.57
#3	-.3779	134.3	16.08

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2466.9	35773.	5283.5
Stddev	1.8	76.	14.2
%RSD	.07365	.21330	.26797

#1	2465.8	35699.	5299.1
#2	2469.0	35767.	5279.6
#3	2465.9	35852.	5271.6

Sample Name: 460-31513-a-9-d.ms Acquired: 9/30/2011 21:06:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2760.	2023.	51.11	6922.	48.67	F 624500.
Stddev	4.	23.	.13	65.	.09	3533.
%RSD	.1440	1.149	.2466	.9365	.1777	.5657

#1	2764.	2039.	51.01	6974.	48.59	628200.
#2	2761.	2034.	51.07	6941.	48.76	624200.
#3	2756.	1997.	51.25	6849.	48.64	621200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.72	498.0	1508.	260.8	1382.	25490.
Stddev	.50	5.0	8.	5.1	4.	145.
%RSD	.9925	1.003	.5434	1.954	.3090	.5673

#1	51.09	501.9	1513.	255.6	1385.	25330.
#2	50.92	499.7	1512.	265.8	1385.	25600.
#3	50.14	492.4	1499.	260.9	1377.	25550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-d.ms Acquired: 9/30/2011 21:06:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19160.	523.4	24610.	507.8	8231.	531.2
Stddev	78.	2.1	69.	4.5	72.	5.7
%RSD	.4090	.4069	.2811	.8865	.8717	1.080

#1	19200.	524.3	24560.	511.4	8288.	536.1
#2	19210.	525.0	24690.	509.2	8254.	532.6
#3	19070.	521.0	24580.	502.7	8151.	524.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1959.	2010.	500.4	1347.	508.1	497.2
Stddev	20.	24.	2.5	13.	3.5	6.8
%RSD	1.029	1.213	.4975	.9858	.6879	1.375

#1	1977.	2030.	500.5	1357.	510.5	502.1
#2	1964.	2018.	502.8	1351.	509.6	500.0
#3	1937.	1983.	497.8	1332.	504.1	489.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-d ms Acquired: 9/30/2011 21:06:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	497.7	1176.	553.4
Stddev	5.5	3.	1.9
%RSD	1.108	.2551	.3424

#1	501.7	1173.	551.2
#2	499.8	1179.	554.4
#3	491.4	1175.	554.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2294.5	33063.	5159.4
Stddev	4.9	124.	10.6
%RSD	.21239	.37623	.20560

#1	2292.4	33151.	5151.8
#2	2300.1	32921.	5171.5
#3	2291.1	33118.	5154.9

Sample Name: pds 460-31513-a-9-b Acquired: 9/30/2011 21:10:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2720.	2007.	49.98	6780.	48.38	F 611700.
Stddev	35.	7.	.57	27.	.19	4896.
%RSD	1.299	.3356	1.149	.3936	.3902	.8005

#1	2681.	2002.	49.42	6787.	48.20	607800.
#2	2730.	2015.	49.95	6803.	48.57	617200.
#3	2750.	2004.	50.57	6750.	48.38	610000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.34	494.8	1465.	259.1	1353.	25270.
Stddev	.30	2.2	4.	1.3	5.	170.
%RSD	.6055	.4430	.2911	.5149	.3905	.6711

#1	50.57	495.8	1467.	258.2	1359.	25130.
#2	50.45	496.3	1468.	260.6	1349.	25460.
#3	50.00	492.3	1460.	258.4	1350.	25230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31513-a-9-b Acquired: 9/30/2011 21:10:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18990.	518.9	24450.	504.2	8029.	527.4
Stddev	42.	1.9	119.	2.6	20.	1.8
%RSD	.2237	.3716	.4868	.5156	.2433	.3379

#1	19010.	521.1	24320.	504.5	8038.	529.3
#2	19020.	518.4	24550.	506.6	8042.	527.0
#3	18940.	517.3	24480.	501.5	8006.	525.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1952.	2011.	495.3	1320.	520.2	494.9
Stddev	14.	5.	2.1	5.	1.6	3.6
%RSD	.6952	.2465	.4148	.3988	.3071	.7366

#1	1967.	2005.	493.7	1321.	520.1	497.0
#2	1949.	2012.	497.6	1325.	521.9	497.0
#3	1941.	2015.	494.6	1314.	518.7	490.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31513-a-9-b Acquired: 9/30/2011 21:10:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	494.7	1156.	550.0
Stddev	2.8	4.	3.0
%RSD	.5697	.3758	.5480

#1	493.6	1152.	548.1
#2	497.9	1161.	553.4
#3	492.7	1154.	548.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2303.3	33163.	5153.9
Stddev	5.8	81.	23.5
%RSD	.25165	.24570	.45588

#1	2309.2	33097.	5179.5
#2	2303.0	33254.	5133.3
#3	2297.6	33138.	5149.0

Sample Name: 460-31559-a-5-e Acquired: 9/30/2011 21:14:07 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6075.	411.0	.1959	141.0	.4756	7956.
Stddev	43.	4.7	.6676	.6	.0481	59.
%RSD	.7024	1.134	340.8	.4390	10.12	.7424

#1	6125.	410.2	.0566	141.6	.4625	8009.
#2	6054.	416.0	-.3910	141.2	.5290	7968.
#3	6048.	406.8	.9221	140.4	.4354	7892.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2911	4.959	95.52	79.79	6345.	3832.
Stddev	.0473	.384	.24	.93	40.	41.
%RSD	16.24	7.742	.2515	1.160	.6242	1.080

#1	.2927	5.399	95.55	79.05	6366.	3879.
#2	.3375	4.695	95.75	80.82	6369.	3810.
#3	.2430	4.783	95.27	79.49	6299.	3806.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-5-e Acquired: 9/30/2011 21:14:07 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1469.	123.0	98900.	15.68	367.3	17.40
Stddev	8.	.3	306.	.11	1.7	.45
%RSD	.5545	.2167	.3095	.6707	.4559	2.583
#1	1462.	122.7	99250.	15.58	367.6	17.47
#2	1478.	123.2	98780.	15.79	368.7	16.93
#3	1466.	123.1	98670.	15.68	365.4	17.82

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.649	1.640	85.22	651.1	148.8	42.64
Stddev	3.530	2.671	.74	2.9	1.2	.26
%RSD	96.74	162.9	.8699	.4392	.8177	.6069
#1	4.369	4.690	85.71	653.5	149.3	42.88
#2	-.1857	-.2801	85.58	651.7	149.6	42.67
#3	6.763	.5087	84.37	647.9	147.4	42.37

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-5-e Acquired: 9/30/2011 21:14:07 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	61.02	21.67	271.6
Stddev	.50	.09	2.2
%RSD	.8200	.4362	.8188

#1	61.45	21.76	271.1
#2	61.14	21.68	274.0
#3	60.47	21.57	269.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2516.9	36071.	5362.9
Stddev	3.0	104.	14.5
%RSD	.12030	.28958	.27061

#1	2513.8	36120.	5355.0
#2	2516.9	36142.	5379.7
#3	2519.9	35951.	5354.0

Sample Name: 460-31559-a-9-c Acquired: 9/30/2011 21:17:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6269.	18.96	.1167	46.68	.4010	6353.
Stddev	23.	.99	.8148	.52	.0584	28.
%RSD	.3589	5.216	698.3	1.124	14.56	.4362
#1	6245.	17.84	.7936	46.97	.3644	6328.
#2	6290.	19.73	-.7877	46.99	.4683	6383.
#3	6271.	19.31	.3442	46.07	.3703	6350.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0494	2.427	138.2	22.91	6071.	1454.
Stddev	.0548	.105	.9	1.79	36.	18.
%RSD	110.9	4.333	.6323	7.804	.5861	1.232
#1	.0811	2.473	138.4	24.00	6085.	1446.
#2	.0811	2.501	138.9	20.84	6097.	1441.
#3	-.0139	2.307	137.2	23.88	6030.	1474.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-9-c Acquired: 9/30/2011 21:17:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1185.	98.79	52250.	7.718	75.98	3.225
Stddev	6.	.71	217.	.444	.15	.564
%RSD	.5294	.7172	.4153	5.746	.1976	17.47

#1	1188.	99.24	52010.	8.062	76.11	3.847
#2	1189.	99.15	52290.	7.875	75.82	3.079
#3	1178.	97.97	52440.	7.218	76.01	2.749

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.977	2.151	50.72	125.9	105.3	14.31
Stddev	1.865	1.161	.50	.8	1.3	.06
%RSD	94.38	53.99	.9952	.6237	1.188	.4208

#1	-.0662	2.892	50.83	126.3	105.9	14.34
#2	2.406	2.748	50.16	126.4	106.1	14.24
#3	3.590	.8125	51.15	125.0	103.9	14.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-9-c Acquired: 9/30/2011 21:17:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	29.89	17.58	246.3
Stddev	1.14	.10	2.5
%RSD	3.802	.5778	.9985

#1	31.20	17.55	245.7
#2	29.32	17.69	244.2
#3	29.15	17.49	249.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2543.8	36608.	5367.5
Stddev	3.2	43.	36.5
%RSD	.12695	.11815	.67993

#1	2547.6	36628.	5406.9
#2	2542.1	36559.	5334.9
#3	2541.9	36638.	5360.7

Sample Name: 460-31513-a-5-b Acquired: 9/30/2011 21:21:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4423.	460.3	2.509	592.7	-1.160	89520.
Stddev	37.	5.2	.150	6.1	.0943	659.
%RSD	.8310	1.124	5.984	1.036	81.29	.7356

#1	4382.	465.1	2.517	597.7	-1.1620	88900.
#2	4452.	460.9	2.355	594.6	-1.1785	90210.
#3	4436.	454.8	2.655	585.8	-0.0075	89440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36.66	15.11	5100.	164.6	10280.	1112.
Stddev	.49	.41	39.	1.5	63.	69.
%RSD	1.342	2.703	.7599	.9308	.6088	6.217

#1	37.19	15.05	5133.	166.3	10330.	1191.
#2	36.57	15.55	5110.	163.9	10300.	1069.
#3	36.22	14.74	5058.	163.5	10210.	1074.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-5-b Acquired: 9/30/2011 21:21:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4420.	64.85	3096.	47.02	3318.	170.2
Stddev	30.	.45	35.	.92	29.	2.6
%RSD	.6849	.6973	1.136	1.966	.8623	1.528

#1	4449.	65.26	3057.	48.02	3340.	170.1
#2	4423.	64.92	3126.	46.84	3328.	172.9
#3	4389.	64.36	3104.	46.20	3285.	167.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.114	16.90	19.61	3610.	48.81	3.993
Stddev	1.989	.75	.26	41.	1.21	.127
%RSD	48.36	4.412	1.326	1.122	2.488	3.180

#1	3.284	16.25	19.56	3641.	49.06	4.076
#2	2.673	16.73	19.89	3625.	49.88	4.057
#3	6.384	17.71	19.37	3564.	47.49	3.847

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-5-b Acquired: 9/30/2011 21:21:35 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	275.4	229.1	63.10
Stddev	3.9	1.8	3.04
%RSD	1.414	.8054	4.824

#1	278.6	227.4	59.75
#2	276.6	231.1	63.88
#3	271.1	228.9	65.69

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2449.4	36155.	5309.5
Stddev	4.1	108.	36.8
%RSD	.16583	.29848	.69393

#1	2454.1	36075.	5351.8
#2	2447.0	36112.	5284.6
#3	2447.1	36278.	5292.0

Sample Name: CCV Acquired: 9/30/2011 21:25:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126700.	2483.	1234.	10060.	1004.	127800.
Stddev	575.	4.	1.	25.	5.	630.
%RSD	.4538	.1644	.1032	.2469	.4876	.4932

#1	127100.	2482.	1234.	10070.	1006.	128100.
#2	127000.	2487.	1232.	10070.	1007.	128200.
#3	126100.	2479.	1235.	10030.	998.1	127000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2492.	5011.	12620.	99780.	50010.
Stddev	3.	6.	2.	44.	59.	126.
%RSD	.2058	.2472	.0419	.3469	.0596	.2523

#1	1262.	2493.	5012.	12640.	99750.	50110.
#2	1264.	2497.	5009.	12650.	99740.	50050.
#3	1258.	2485.	5013.	12570.	99850.	49870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 21:25:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	5077.	125500.	2526.	7546.	1006.
Stddev	23.	6.	461.	6.	14.	2.
%RSD	.0187	.1221	.3676	.2234	.1869	.2140

#1	124800.	5083.	125900.	2528.	7553.	1008.
#2	124800.	5078.	125600.	2531.	7555.	1006.
#3	124800.	5071.	125000.	2520.	7530.	1004.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2447.	2532.	2472.	2496.	1003.	2498.
Stddev	9.	13.	2.	5.	3.	11.
%RSD	.3607	.4998	.0705	.1953	.2759	.4542

#1	2437.	2542.	2472.	2499.	1001.	2506.
#2	2448.	2535.	2474.	2498.	1006.	2502.
#3	2455.	2518.	2471.	2490.	1002.	2485.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 21:25:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	994.1	5076.	10000.
Stddev	4.9	23.	42.
%RSD	.4960	.4598	.4249

#1	996.2	5088.	10030.
#2	997.6	5090.	10020.
#3	988.4	5049.	9952.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2324.9	33568.	5130.5
Stddev	2.7	45.	32.5
%RSD	.11620	.13402	.63375

#1	2324.4	33581.	5100.5
#2	2322.4	33606.	5125.9
#3	2327.8	33518.	5165.1

Sample Name: CCB Acquired: 9/30/2011 21:28:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.348	-2.184	.3631	.4603	.1753	-13.25
Stddev	8.554	1.401	.4235	.1141	.1088	6.61
%RSD	91.51	64.16	116.6	24.80	62.03	49.85

#1	1.990	-1.825	-.0021	.5312	.0613	-10.23
#2	7.319	-3.729	.8273	.5211	.2779	-20.83
#3	18.73	-.9966	.2642	.3286	.1869	-8.699

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0501	-.0811	-.4874	-3.236	-10.32	-31.66
Stddev	.0724	.0812	.0913	3.293	6.67	74.04
%RSD	144.5	100.1	18.73	101.8	64.63	233.8

#1	.1018	-.0825	-.5736	-.5617	-17.80	-16.59
#2	.0812	-.1615	-.3918	-6.915	-4.997	-112.1
#3	-.0327	.0008	-.4966	-2.233	-8.164	33.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 21:28:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.746	.3642	22.85	.0270	-.6979	3.543
Stddev	2.311	.0336	10.65	.2212	1.161	1.522
%RSD	132.4	9.225	46.60	819.5	166.3	42.97

#1	4.401	.3858	12.76	.1394	.5455	4.411
#2	.6549	.3813	21.82	-.2279	-1.753	1.785
#3	.1821	.3255	33.98	.1695	-.8866	4.433

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.292	3.545	.2382	.8578	1.717	4.805
Stddev	3.213	2.344	1.006	.1792	.465	.428
%RSD	140.2	66.13	422.4	20.90	27.09	8.917

#1	.6647	2.843	.9890	1.064	1.974	4.879
#2	5.993	6.160	.6303	.7660	1.996	5.192
#3	.2180	1.632	-.9048	.7431	1.180	4.345

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 21:28:48 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4007	.1323	.7970
Stddev	.4314	.2571	1.097
%RSD	107.7	194.2	137.6

#1	.8849	.3753	-.2470
#2	.2597	.1585	1.940
#3	.0574	-.1368	.6977

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2533.9	36823.	5204.1
Stddev	2.9	182.	37.8
%RSD	.11421	.49526	.72552

#1	2534.5	36617.	5169.7
#2	2536.4	36890.	5197.9
#3	2530.7	36963.	5244.5

Sample Name: 460-31546-a-7-c Acquired: 9/30/2011 21:32:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1199.	-1.456	.0775	15860.	-.1637	F 756200.
Stddev	6.	1.083	1.052	127.	.1242	4118.
%RSD	.5153	74.43	1358.	.7997	75.87	.5446

#1	1199.	-2.653	1.040	15940.	-.0816	756200.
#2	1192.	-.5425	-1.046	15910.	-.3067	760300.
#3	1205.	-1.172	.2391	15710.	-.1029	752100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2378	8.463	964.4	-2.310	940.5	215.3
Stddev	.1287	.385	1.8	.568	15.1	78.6
%RSD	54.11	4.543	.1911	24.58	1.605	36.51

#1	-.3647	8.905	962.6	-2.931	925.2	132.9
#2	-.2412	8.277	966.3	-2.178	941.0	289.5
#3	-.1074	8.207	964.3	-1.819	955.4	223.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31546-a-7-c Acquired: 9/30/2011 21:32:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1334.	22.92	5281.	23.17	71.49	7.585
Stddev	5.	.14	18.	.63	1.17	2.103
%RSD	.3856	.5937	.3467	2.701	1.643	27.72

#1	1335.	23.03	5291.	22.71	70.19	5.890
#2	1339.	22.77	5293.	23.88	72.48	6.927
#3	1329.	22.96	5260.	22.92	71.80	9.938

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.166	2.298	8.888	50.69	30.36	.1880
Stddev	3.365	.662	.410	.66	.64	.0634
%RSD	288.6	28.80	4.611	1.297	2.098	33.72

#1	2.535	2.941	8.492	51.37	30.58	.1149
#2	-4.042	2.334	9.310	50.63	30.86	.2218
#3	-1.991	1.619	8.861	50.06	29.65	.2273

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31546-a-7-c Acquired: 9/30/2011 21:32:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1724	291.8	60.12
Stddev	.5664	1.8	.90
%RSD	328.6	.6145	1.495

#1	-.4742	292.1	59.09
#2	.5808	293.4	60.59
#3	.4106	289.8	60.70

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2287.1	32867.	5105.4
Stddev	.7	183.	21.3
%RSD	.03248	.55681	.41631

#1	2286.3	33027.	5090.8
#2	2287.5	32907.	5095.6
#3	2287.6	32667.	5129.8

Sample Name: lb 460-87468/1-d Acquired: 9/30/2011 21:36:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.93	-.1612	.8956	.5678	.0758	36.21
Stddev	4.48	1.351	.6701	.2210	.1023	10.58
%RSD	28.13	838.1	74.82	38.93	135.0	29.23
#1	10.78	-.2718	1.172	.7861	.0697	47.58
#2	18.08	1.242	.1315	.5732	.1809	26.64
#3	18.93	-1.453	1.383	.3442	-.0233	34.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0956	.1687	-.4488	-4.315	-5.210	16.54
Stddev	.0656	.2982	.2463	2.543	8.362	68.97
%RSD	68.63	176.8	54.87	58.92	160.5	417.0
#1	-.1713	.3316	-.6220	-2.735	-14.75	89.71
#2	-.0568	-.1756	-.1669	-2.962	-1.718	7.159
#3	-.0586	.3499	-.5576	-7.248	.8405	-47.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87468/1-d Acquired: 9/30/2011 21:36:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7392	.0718	52.57	-.2788	-.4047	1.303
Stddev	2.743	.0093	2.94	.2765	.5732	.424
%RSD	371.1	12.96	5.598	99.16	141.6	32.57

#1	1.745	.0618	49.58	.0058	-.9891	.8165
#2	-.2792	.0801	55.46	-.2959	.1566	1.599
#3	-3.683	.0736	52.67	-.5463	-.3816	1.493

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.669	1.356	.1778	.3279	1.603	-.1096
Stddev	3.144	.636	.4436	.0230	.212	.1596
%RSD	188.4	46.93	249.5	7.014	13.19	145.6

#1	2.770	.6905	.6118	.3544	1.814	.0690
#2	-1.878	1.418	.1962	.3133	1.606	-.1594
#3	4.115	1.958	-.2748	.3160	1.391	-.2384

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87468/1-d Acquired: 9/30/2011 21:36:36 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4885	.0814	-1.039
Stddev	.4012	.0757	1.598
%RSD	82.12	93.00	153.8

#1	-.2595	.0127	-.9987
#2	-.2543	.1626	-2.658
#3	-.9517	.0688	.5381

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2567.8	37741.	5333.3
Stddev	5.7	133.	14.8
%RSD	.22050	.35134	.27751

#1	2574.2	37882.	5317.7
#2	2563.5	37724.	5335.1
#3	2565.7	37619.	5347.1

Sample Name: lb 460-87580/1-b Acquired: 9/30/2011 21:40:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.90	-.3349	1.165	.0676	-.0079	1.399
Stddev	2.46	2.537	.215	.1131	.1618	16.71
%RSD	17.67	757.6	18.47	167.3	2044.	1195.
#1	13.52	.8322	1.353	.1950	-.0409	-14.51
#2	16.53	1.408	.9306	.0283	.1678	-.1079
#3	11.66	-3.245	1.212	-.0206	-.1506	18.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0022	-.1191	-.0487	-1.071	-3.345	-27.52
Stddev	.1344	.3292	.2157	2.040	3.817	45.51
%RSD	6079.	276.5	443.2	190.4	114.1	165.4
#1	.0992	.2307	-.0015	-1.688	.4277	-3.806
#2	.0489	-.4230	.1396	-2.732	-3.258	-79.99
#3	-.1547	-.1649	-.2841	1.206	-7.205	1.240

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/1-b Acquired: 9/30/2011 21:40:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.717	.2831	30.43	-.0291	-1.331	-.3561
Stddev	5.942	.0564	2.35	.3019	.163	.6717
%RSD	218.7	19.91	7.729	1037.	12.21	188.6
#1	-5.114	.2220	31.92	-.0336	-1.436	-.1414
#2	-7.087	.2940	31.65	-.3287	-1.413	.1820
#3	4.049	.3332	27.72	.2750	-1.144	-1.109

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.451	2.687	.1331	.3265	1.433	-.2028
Stddev	1.334	.204	.2872	.1294	.263	.1423
%RSD	91.96	7.586	215.7	39.64	18.32	70.20
#1	.8012	2.746	.4110	.3785	1.162	-.0580
#2	.5658	2.460	-.1626	.4219	1.686	-.3425
#3	2.985	2.855	.1510	.1792	1.452	-.2077

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/1-b Acquired: 9/30/2011 21:40:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2055	.0389	-1.232
Stddev	.1798	.0497	1.150
%RSD	87.48	127.7	93.33

#1	-.0028	.0917	-2.228
#2	-.3455	-.0068	-1.496
#3	-.2683	.0318	.0267

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2566.2	37672.	5333.4
Stddev	4.8	97.	27.9
%RSD	.18632	.25674	.52293

#1	2560.6	37560.	5336.6
#2	2568.8	37722.	5359.5
#3	2569.1	37734.	5304.0

Sample Name: lb 460-87580/2-b Acquired: 9/30/2011 21:44:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.57	-1.339	.5924	-.0114	.0744	4.409
Stddev	9.26	2.701	.5115	.0519	.0924	6.835
%RSD	63.58	201.7	86.36	456.8	124.2	155.0

#1	5.376	1.777	1.116	-.0673	.0591	11.29
#2	14.43	-2.783	.0937	-.0020	-.0094	-2.381
#3	23.90	-3.012	.5674	.0352	.1734	4.320

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0717	-.2951	-.3939	-1.947	-3.333	-140.1
Stddev	.1156	.2199	.1577	1.287	7.316	23.4
%RSD	161.3	74.51	40.04	66.11	219.5	16.69

#1	.0475	-.4166	-.4604	-3.272	4.227	-160.0
#2	-.1835	-.0413	-.2138	-.7007	-3.849	-114.3
#3	-.0791	-.4275	-.5074	-1.870	-10.38	-145.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/2-b Acquired: 9/30/2011 21:44:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8640	.0825	32.45	-.3006	-.1000	-.4311
Stddev	2.699	.0241	11.89	.1166	.8826	1.580
%RSD	312.3	29.25	36.64	38.79	882.3	366.4
#1	-1.897	.1104	27.98	-.1825	.8773	1.286
#2	3.496	.0700	23.44	-.3037	-.3384	-1.821
#3	.9930	.0672	45.92	-.4156	-.8390	-.7585

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8307	1.293	-.3913	.3467	1.183	-.1366
Stddev	2.028	.933	.2639	.0783	.243	.1611
%RSD	244.1	72.12	67.43	22.57	20.53	117.9
#1	1.472	1.767	-.4861	.3964	.9226	-.1780
#2	-1.613	.2188	-.5948	.2565	1.222	-.2730
#3	-2.351	1.894	-.0932	.3873	1.403	.0411

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/2-b Acquired: 9/30/2011 21:44:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.7988	-.0067	-1.644
Stddev	.7707	.0235	1.459
%RSD	96.49	352.1	88.76

#1	.3931	.0167	-.7825
#2	1.688	-.0303	-3.328
#3	.3156	-.0064	-.8203

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2577.5	37701.	5345.1
Stddev	9.2	127.	6.7
%RSD	.35586	.33785	.12442

#1	2586.2	37554.	5351.9
#2	2578.5	37787.	5338.6
#3	2567.9	37761.	5344.8

Sample Name: 460-31492-a-2-b du Acquired: 9/30/2011 21:48:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41.86	2.328	.6165	1557.	.0917	35710.
Stddev	22.85	1.326	.1158	13.	.1478	118.
%RSD	54.59	56.95	18.79	.8522	161.1	.3316

#1	19.69	1.390	.4941	1561.	.1871	35580.
#2	40.56	3.845	.6310	1568.	.1666	35820.
#3	65.34	1.749	.7244	1543.	-.0785	35720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0083	.5086	-.1704	2.132	48.77	958.5
Stddev	.1539	.1816	.0928	2.372	9.20	26.5
%RSD	1863.	35.70	54.47	111.2	18.87	2.764

#1	-.1293	.6673	-.1715	4.544	58.37	979.6
#2	.1745	.3105	-.2626	-.1973	40.03	967.1
#3	-.0204	.5481	-.0770	2.050	47.90	928.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-a-2-b du Acquired: 9/30/2011 21:48:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11630.	2108.	10470.	1.038	-1.110	.2574
Stddev	38.	7.	66.	.285	1.457	2.347
%RSD	.3275	.3194	.6290	27.44	131.2	911.8

#1	11600.	2100.	10440.	1.071	.2424	2.860
#2	11680.	2113.	10550.	.7378	-.9205	-1.699
#3	11620.	2110.	10430.	1.304	-2.652	-.3885

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5093	-.2032	.2713	1.167	28.48	171.6
Stddev	2.366	1.325	.3197	.098	.37	2.3
%RSD	464.5	652.1	117.9	8.403	1.288	1.339

#1	-.5088	-1.733	-.0978	1.055	28.44	173.0
#2	1.856	.5263	.4649	1.232	28.13	172.9
#3	-2.876	.5971	.4467	1.216	28.86	169.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-a-2-b du Acquired: 9/30/2011 21:48:11 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4984	206.1	2.750
Stddev	.4641	.4	1.366
%RSD	93.12	.1885	49.67

#1	1.010	205.7	1.646
#2	.1051	206.4	4.277
#3	.3798	206.2	2.326

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2517.6	36618.	5350.9
Stddev	6.6	216.	16.7
%RSD	.26275	.58963	.31127

#1	2525.1	36857.	5360.7
#2	2512.9	36558.	5331.7
#3	2514.6	36437.	5360.4

Sample Name: 460-31492-q-2-c Acquired: 9/30/2011 21:51:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69.52	3.207	.3690	1561.	.0630	35970.
Stddev	14.43	1.864	.6046	4.	.1010	207.
%RSD	20.76	58.11	163.9	.2514	160.3	.5761

#1	83.96	3.079	1.066	1563.	-.0534	35870.
#2	69.48	1.411	-.0100	1564.	.1278	36210.
#3	55.11	5.132	.0506	1557.	.1147	35840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0392	.2071	-.0818	-2.215	46.28	962.6
Stddev	.0610	.0987	.4051	3.327	15.00	43.3
%RSD	155.7	47.66	495.2	150.2	32.41	4.498

#1	.0388	.2747	-.4855	-5.823	35.16	912.6
#2	.1005	.0938	-.0846	.7331	40.35	985.3
#3	-.0216	.2528	.3247	-1.555	63.34	989.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-c Acquired: 9/30/2011 21:51:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11650.	2115.	10500.	1.308	-1.367	.4253
Stddev	30.	8.	27.	.307	.975	1.069
%RSD	.2607	.3966	.2533	23.49	71.33	251.4

#1	11660.	2112.	10470.	.9715	-1.865	.1810
#2	11680.	2124.	10520.	1.574	-1.994	1.596
#3	11620.	2108.	10500.	1.380	-.2437	-.5006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3002	1.843	.4260	1.225	28.35	172.4
Stddev	2.413	1.774	.1933	.145	1.05	1.1
%RSD	803.8	96.26	45.38	11.86	3.713	.6477

#1	-1.119	3.842	.3937	1.183	29.52	173.4
#2	-1.067	.4598	.6333	1.105	27.47	172.7
#3	3.086	1.226	.2508	1.386	28.08	171.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-c Acquired: 9/30/2011 21:51:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4661	207.8	2.934
Stddev	.7898	1.6	.594
%RSD	169.5	.7494	20.23

#1	1.349	207.3	2.880
#2	-.1743	209.5	3.553
#3	.2239	206.6	2.370

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2514.1	36534.	5310.1
Stddev	3.2	78.	25.5
%RSD	.12661	.21213	.48114

#1	2517.6	36617.	5339.6
#2	2513.4	36463.	5296.6
#3	2511.3	36523.	5294.2

Sample Name: sd 460-31492-q-2-c@5 Acquired: 9/30/2011 21:55:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.38	-.2830	.2385	307.1	-.0639	7034.
Stddev	2.55	2.070	.1839	3.0	.0747	43.
%RSD	15.57	731.5	77.11	.9722	117.0	.6163
#1	14.06	-2.643	.4502	308.9	-.1008	6988.
#2	15.97	1.227	.1192	308.7	.0221	7042.
#3	19.11	.5665	.1460	303.6	-.1129	7073.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0724	-.1379	-.7445	-.4999	9.528	-39.83
Stddev	.0080	.2235	.3718	.8891	2.412	48.33
%RSD	10.98	162.0	49.94	177.8	25.31	121.3
#1	.0789	.1086	-1.052	.3839	7.036	-93.34
#2	.0749	-.1951	-.3314	-1.394	11.85	-26.81
#3	.0635	-.3273	-.8500	-.4894	9.697	.6434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31492-q-2-c@5 Acquired: 9/30/2011 21:55:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2313.	414.4	2067.	-.2546	-.2373	1.973
Stddev	11.	.9	16.	.2068	1.253	1.081
%RSD	.4793	.2184	.7636	81.22	528.3	54.80
#1	2321.	414.2	2080.	-.0249	.7864	2.644
#2	2316.	415.4	2049.	-.3128	-1.635	2.548
#3	2300.	413.6	2071.	-.4259	.1370	.7257

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.603	1.153	.7158	.4942	5.443	33.62
Stddev	1.321	.941	.2719	.2947	.132	.45
%RSD	82.36	81.60	37.99	59.63	2.417	1.350
#1	2.736	1.121	1.001	.4454	5.574	34.03
#2	.1530	2.109	.4591	.8103	5.311	33.69
#3	1.921	.2285	.6875	.2270	5.446	33.13

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31492-q-2-c@5 Acquired: 9/30/2011 21:55:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3566	40.47	-.8663
Stddev	.9733	.17	.7543
%RSD	272.9	.4222	87.08

#1	-1.385	40.31	-.4610
#2	-.2364	40.44	-1.737
#3	.5510	40.65	-.4012

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2557.1	37333.	5338.8
Stddev	1.4	139.	10.6
%RSD	.05351	.37318	.19912

#1	2556.5	37492.	5351.1
#2	2558.6	37275.	5333.1
#3	2556.1	37232.	5332.2

Sample Name: 460-31492-q-2-d.ms Acquired: 9/30/2011 21:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2117.	1953.	49.58	3537.	51.14	56020.
Stddev	18.	12.	.61	23.	.32	394.
%RSD	.8397	.6306	1.237	.6499	.6166	.7039

#1	2136.	1957.	48.88	3553.	51.46	56390.
#2	2100.	1962.	49.99	3546.	51.14	56080.
#3	2115.	1939.	49.88	3510.	50.83	55610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.09	510.5	204.3	255.1	1054.	20740.
Stddev	.31	3.4	.9	2.8	11.	164.
%RSD	.6092	.6737	.4558	1.088	1.032	.7928

#1	51.39	512.8	204.1	257.3	1053.	20930.
#2	51.12	512.1	205.3	252.0	1066.	20650.
#3	50.77	506.5	203.5	255.9	1045.	20640.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-d.ms Acquired: 9/30/2011 21:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31210.	2571.	30440.	518.2	520.8	497.6
Stddev	175.	18.	129.	3.5	2.7	3.1
%RSD	.5597	.6991	.4236	.6757	.5245	.6138

#1	31120.	2561.	30590.	520.5	521.4	500.5
#2	31410.	2592.	30360.	520.1	523.1	497.8
#3	31090.	2560.	30380.	514.2	517.8	494.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1911.	2084.	498.3	504.3	535.3	670.8
Stddev	11.	14.	1.8	3.4	2.2	6.8
%RSD	.5997	.6657	.3658	.6710	.4067	1.019

#1	1921.	2092.	496.6	507.2	536.8	675.7
#2	1913.	2093.	500.2	505.1	536.3	673.8
#3	1898.	2068.	497.9	500.6	532.8	663.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-d ms Acquired: 9/30/2011 21:59:35 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	502.9	699.6	513.8
Stddev	3.0	5.4	6.8
%RSD	.6030	.7696	1.317

#1	502.9	704.8	521.5
#2	505.9	699.9	511.0
#3	499.9	694.0	508.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2477.0	35740.	5272.7
Stddev	8.0	206.	17.6
%RSD	.32473	.57696	.33304

#1	2485.4	35978.	5261.4
#2	2476.1	35616.	5263.7
#3	2469.4	35626.	5292.9

Sample Name: pds 460-31492-q-2-c Acquired: 9/30/2011 22:03:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2087.	1936.	48.01	3519.	50.65	55470.
Stddev	22.	16.	.58	31.	.33	273.
%RSD	1.073	.8100	1.198	.8833	.6433	.4922
#1	2107.	1948.	48.67	3543.	50.81	55680.
#2	2090.	1942.	47.64	3531.	50.86	55560.
#3	2062.	1919.	47.71	3484.	50.27	55160.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.76	506.9	202.9	256.6	1052.	20590.
Stddev	.56	5.1	1.5	2.6	10.	131.
%RSD	1.112	1.001	.7476	.9992	.9520	.6351
#1	51.15	510.7	203.9	258.1	1062.	20700.
#2	51.02	508.7	203.7	258.1	1042.	20450.
#3	50.12	501.1	201.1	253.7	1052.	20630.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31492-q-2-c Acquired: 9/30/2011 22:03:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30950.	2559.	30090.	514.5	518.4	495.0
Stddev	196.	21.	145.	5.0	4.2	4.2
%RSD	.6343	.8274	.4831	.9634	.8093	.8469

#1	31070.	2566.	30230.	518.8	522.1	498.5
#2	31060.	2577.	29940.	515.6	519.2	496.2
#3	30730.	2536.	30090.	509.1	513.8	490.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1910.	2130.	494.6	501.0	545.7	667.1
Stddev	16.	21.	2.4	5.0	4.4	8.6
%RSD	.8189	1.000	.4850	.9929	.8117	1.290

#1	1918.	2150.	496.3	504.8	549.3	673.8
#2	1919.	2134.	495.6	502.9	547.0	670.1
#3	1892.	2108.	491.9	495.4	540.8	657.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31492-q-2-c Acquired: 9/30/2011 22:03:06 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	499.8	691.8	507.6
Stddev	5.4	3.8	1.9
%RSD	1.077	.5468	.3711

#1	504.3	693.8	508.9
#2	501.2	694.1	508.5
#3	493.8	687.4	505.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2475.4	35808.	5289.3
Stddev	3.1	149.	16.7
%RSD	.12576	.41495	.31627

#1	2479.0	35867.	5284.3
#2	2474.2	35639.	5308.0
#3	2473.1	35918.	5275.7

Sample Name: 460-31258-d-1-a Acquired: 9/30/2011 22:06:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5873.	.5921	1.085	70.11	.1626	42970.
Stddev	29.	1.608	.169	.96	.1012	295.
%RSD	.4994	271.7	15.58	1.374	62.28	.6872

#1	5897.	1.513	1.232	70.69	.0842	43310.
#2	5881.	1.529	.9005	70.63	.1266	42840.
#3	5840.	-1.265	1.123	68.99	.2769	42760.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1483	2.165	13.99	-1.411	4346.	9009.
Stddev	.1531	.184	.41	3.959	38.	86.
%RSD	103.2	8.481	2.907	280.6	.8823	.9546

#1	.3227	2.377	13.73	3.087	4336.	8952.
#2	.0360	2.063	14.46	-4.368	4388.	8968.
#3	.0863	2.056	13.78	-2.950	4313.	9108.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-1-a Acquired: 9/30/2011 22:06:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9691.	30.72	139100.	4.708	2.902	1.510
Stddev	46.	.29	215.	.312	1.746	1.241
%RSD	.4776	.9317	.1545	6.616	60.16	82.19

#1	9664.	30.93	139300.	4.388	.9276	2.763
#2	9745.	30.84	138900.	5.010	3.537	1.487
#3	9665.	30.39	139000.	4.725	4.241	.2807

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7368	1.779	22.51	16.44	21.27	7.190
Stddev	2.413	2.829	.15	.40	1.65	.339
%RSD	327.5	159.0	.6712	2.428	7.768	4.720

#1	3.245	-.2017	22.40	16.71	22.70	7.204
#2	.5347	5.018	22.68	16.63	21.66	7.523
#3	-1.569	.5195	22.44	15.99	19.46	6.845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-1-a Acquired: 9/30/2011 22:06:37 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.902	472.4	132.6
Stddev	.380	3.0	1.1
%RSD	13.10	.6448	.8285

#1	3.291	475.9	133.3
#2	2.884	470.9	131.3
#3	2.531	470.3	133.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2451.8	35061.	5260.7
Stddev	1.2	79.	32.6
%RSD	.04966	.22624	.61990

#1	2453.0	35131.	5227.2
#2	2451.6	35078.	5292.3
#3	2450.6	34975.	5262.5

Sample Name: CCV Acquired: 9/30/2011 22:10:26 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126200.	2487.	1236.	10040.	1000.	126900.
Stddev	290.	12.	2.	53.	2.	296.
%RSD	.2301	.4704	.1693	.5324	.1744	.2330

#1	126400.	2492.	1236.	10080.	1002.	127200.
#2	126200.	2495.	1239.	10070.	998.8	127000.
#3	125900.	2474.	1234.	9983.	999.3	126600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2490.	5011.	12560.	99930.	50000.
Stddev	6.	15.	5.	21.	146.	148.
%RSD	.4844	.5872	.1027	.1694	.1463	.2958

#1	1266.	2498.	5016.	12580.	99920.	49890.
#2	1266.	2500.	5013.	12570.	100100.	50170.
#3	1255.	2473.	5006.	12540.	99780.	49940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:10:26 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125100.	5071.	125000.	2528.	7558.	1006.
Stddev	77.	7.	136.	13.	36.	9.
%RSD	.0616	.1474	.1087	.5269	.4742	.8456

#1	125100.	5071.	125000.	2535.	7574.	1015.
#2	125200.	5064.	125100.	2535.	7582.	1005.
#3	125100.	5079.	124800.	2512.	7517.	998.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2452.	2533.	2475.	2497.	1002.	2493.
Stddev	1.	20.	4.	14.	4.	19.
%RSD	.0284	.7733	.1763	.5561	.4376	.7500

#1	2453.	2545.	2479.	2505.	1003.	2505.
#2	2452.	2543.	2476.	2506.	1006.	2503.
#3	2452.	2510.	2470.	2481.	997.1	2471.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:10:26 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	993.0	5048.	9970.
Stddev	10.3	8.	29.
%RSD	1.036	.1671	.2930

#1	995.7	5055.	9992.
#2	1002.	5051.	9980.
#3	981.7	5039.	9937.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2333.0	33625.	5165.7
Stddev	2.0	107.	6.3
%RSD	.08495	.31899	.12192

#1	2334.5	33587.	5169.2
#2	2330.8	33747.	5158.4
#3	2333.9	33543.	5169.5

Sample Name: CCB Acquired: 9/30/2011 22:13:55 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.877	-1.161	.2077	.3076	-.1846	-9.081
Stddev	8.319	1.661	.7042	.2431	.0862	6.849
%RSD	105.6	143.0	339.0	79.01	46.69	75.41

#1	5.083	.1890	-.5517	.5767	-.1304	-9.203
#2	17.23	-3.015	.8392	.2424	-.2839	-15.87
#3	1.315	-.6566	.3357	.1038	-.1394	-2.173

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0234	-.0751	-.4022	-3.671	2.230	33.16
Stddev	.2119	.2780	.1917	1.757	5.726	30.31
%RSD	905.3	370.2	47.67	47.87	256.8	91.40

#1	-.1388	.0157	-.2258	-4.677	-1.119	44.86
#2	.2632	.1462	-.6063	-1.642	-1.032	-1.253
#3	-.0541	-.3871	-.3745	-4.693	8.841	55.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:13:55 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.716	.1789	60.85	-.4732	-.3728	4.034
Stddev	1.596	.0811	8.85	.1225	1.189	3.094
%RSD	58.76	45.34	14.55	25.90	318.9	76.70

#1	4.364	.2717	68.69	-.3320	.8775	4.331
#2	1.177	.1211	51.25	-.5361	-1.489	6.968
#3	2.607	.1440	62.61	-.5516	-.5069	.8016

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7459	1.196	.3017	.7448	1.646	4.984
Stddev	1.472	1.714	.2056	.2624	.055	.367
%RSD	197.4	143.3	68.14	35.23	3.326	7.363

#1	-.3665	3.006	.4990	.9235	1.702	4.724
#2	2.416	.9832	.3174	.4436	1.642	5.404
#3	.1886	-.4012	.0887	.8674	1.593	4.825

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:13:55 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1530	.1759	1.671
Stddev	.2125	.1702	.270
%RSD	138.9	96.74	16.18

#1	.0644	.2970	1.519
#2	-.3603	.2495	1.512
#3	-.1629	-.0187	1.984

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2520.0	37027.	5227.1
Stddev	3.8	141.	32.1
%RSD	.15277	.38197	.61495

#1	2515.5	37182.	5190.9
#2	2522.5	36906.	5252.3
#3	2521.8	36991.	5238.1

Sample Name: mb 460-87869/1-a Acquired: 9/30/2011 22:17:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.85	-1.895	.4474	-.0091	.1212	-15.25
Stddev	13.92	.640	.0623	.0843	.1014	11.64
%RSD	87.84	33.78	13.92	924.3	83.70	76.38
#1	.4419	-2.226	.4145	.0881	.2157	-20.75
#2	19.58	-2.302	.4085	-.0522	.0140	-1.870
#3	27.52	-1.157	.5192	-.0632	.1338	-23.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1228	-.0340	-.6317	.7585	-9.490	-5.538
Stddev	.1452	.3739	.2879	3.129	5.769	69.03
%RSD	118.2	1099.	45.57	412.5	60.79	1247.
#1	.2738	.3963	-.9386	-.1199	-14.09	26.95
#2	.1103	-.2186	-.3676	4.233	-11.36	41.26
#3	-.0157	-.2797	-.5890	-1.837	-3.019	-84.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87869/1-a Acquired: 9/30/2011 22:17:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.5696	.0736	30.59	.2817	-1.883	-1.861
Stddev	2.352	.0610	12.50	.2710	.320	2.643
%RSD	413.0	82.90	40.87	96.21	17.01	142.0

#1	-1.111	.1211	44.78	.4446	-2.239	-4.836
#2	-2.604	.0950	21.21	.4318	-1.620	-.9604
#3	2.006	.0048	25.77	-.0312	-1.790	.2142

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7055	.1006	.2520	.2338	5.448	.5426
Stddev	1.972	1.821	.3563	.1166	.245	.0828
%RSD	279.5	1810.	141.4	49.88	4.488	15.27

#1	.8385	.4062	.4372	.1593	5.634	.4470
#2	-1.330	1.749	.4775	.3681	5.539	.5862
#3	2.608	-1.853	-.1588	.1738	5.171	.5945

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87869/1-a Acquired: 9/30/2011 22:17:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2853	.0665	-2.814
Stddev	.0794	.0561	1.668
%RSD	27.84	84.33	59.28

#1	.3607	.0209	-2.400
#2	.2928	.1291	-4.650
#3	.2024	.0495	-1.392

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2550.9	37417.	5314.8
Stddev	5.0	134.	4.6
%RSD	.19793	.35713	.08572

#1	2556.4	37567.	5311.5
#2	2549.8	37372.	5320.0
#3	2546.5	37311.	5312.9

Sample Name: lcs 460-87869/2-a Acquired: 9/30/2011 22:21:40 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2058.	1935.	49.57	2035.	50.58	21030.
Stddev	13.	11.	.75	10.	.06	12.
%RSD	.6078	.5627	1.521	.4785	.1094	.0549

#1	2046.	1945.	48.79	2042.	50.54	21030.
#2	2059.	1935.	49.65	2040.	50.64	21040.
#3	2071.	1924.	50.29	2024.	50.55	21020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.29	514.2	203.3	256.9	1017.	19790.
Stddev	.20	3.0	.8	3.5	8.	114.
%RSD	.3938	.5887	.3788	1.347	.7955	.5778

#1	51.45	516.8	204.0	253.0	1011.	19880.
#2	51.35	514.8	203.3	258.2	1013.	19660.
#3	51.06	510.9	202.5	259.5	1026.	19840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87869/2-a Acquired: 9/30/2011 22:21:40 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19850.	525.8	20030.	522.3	526.7	495.1
Stddev	9.	.5	19.	3.5	1.7	5.9
%RSD	.0440	.1012	.0948	.6757	.3318	1.186

#1	19840.	525.3	20050.	525.4	526.0	499.8
#2	19840.	526.4	20020.	523.0	528.7	497.1
#3	19860.	525.7	20030.	518.5	525.4	488.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1914.	2182.	494.8	506.8	510.4	501.0
Stddev	2.	18.	.4	2.5	2.7	4.0
%RSD	.0858	.8415	.0812	.4999	.5367	.8047

#1	1913.	2199.	495.3	509.1	513.2	504.1
#2	1916.	2185.	494.7	507.1	510.2	502.4
#3	1913.	2162.	494.6	504.1	507.7	496.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87869/2-a Acquired: 9/30/2011 22:21:40 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	505.1	496.5	508.1
Stddev	5.3	.6	1.3
%RSD	1.045	.1198	.2462

#1	509.6	495.8	509.5
#2	506.4	496.9	507.3
#3	499.3	496.8	507.4

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2498.2	36065.	5282.3
Stddev	.7	49.	26.8
%RSD	.02985	.13592	.50779

#1	2497.4	36014.	5308.3
#2	2498.9	36069.	5254.7
#3	2498.1	36112.	5283.9

Sample Name: 460-31258-d-2-a Acquired: 9/30/2011 22:25:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35300.	-.0565	.2151	317.4	.8273	122400.
Stddev	76.	2.368	.5692	1.2	.1334	183.
%RSD	.2145	4193.	264.7	.3688	16.13	.1492

#1	35240.	-2.708	.8714	316.9	.8705	122300.
#2	35380.	1.846	-.1425	318.7	.6776	122600.
#3	35270.	.6924	-.0838	316.6	.9337	122400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0573	14.56	59.02	25.03	25670.	14130.
Stddev	.0674	.46	.53	3.03	26.	95.
%RSD	117.5	3.173	.9036	12.12	.1026	.6746

#1	-.0085	14.68	58.41	28.41	25700.	14040.
#2	.0543	14.95	59.32	22.56	25650.	14110.
#3	.1261	14.05	59.34	24.12	25660.	14230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-2-a Acquired: 9/30/2011 22:25:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10310.	436.7	73510.	36.63	14.32	1.496
Stddev	5.	.4	208.	.45	1.84	3.906
%RSD	.0528	.0884	.2831	1.232	12.82	261.1
#1	10300.	437.0	73300.	36.57	16.43	-.8801
#2	10310.	436.9	73510.	36.21	13.41	-.6366
#3	10310.	436.3	73720.	37.11	13.11	6.005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.220	1.279	53.51	52.15	36.18	17.77
Stddev	1.014	2.006	.37	.18	.15	.09
%RSD	31.48	156.9	.6907	.3486	.4105	.4804
#1	3.703	2.545	53.09	51.98	36.23	17.68
#2	3.902	2.325	53.64	52.34	36.01	17.85
#3	2.055	-1.034	53.79	52.12	36.29	17.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-2-a Acquired: 9/30/2011 22:25:11 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.865	1234.	742.9
Stddev	.517	3.	3.9
%RSD	27.71	.2292	.5221

#1	1.466	1231.	738.5
#2	2.449	1236.	745.5
#3	1.680	1234.	744.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2520.5	35840.	5375.6
Stddev	10.8	60.	1.7
%RSD	.42949	.16669	.03242

#1	2532.6	35905.	5376.4
#2	2517.2	35828.	5373.6
#3	2511.6	35788.	5376.8

Sample Name: 460-31258-d-3-a Acquired: 9/30/2011 22:28:55 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22500.	2.284	.0119	127.4	.9488	26340.
Stddev	177.	.377	.6621	.8	.1659	178.
%RSD	.7856	16.49	5544.	.5915	17.49	.6748

#1	22700.	1.853	.5246	127.7	1.136	26540.
#2	22370.	2.550	.2468	128.0	.8882	26270.
#3	22420.	2.449	-.7356	126.5	.8216	26200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0839	17.37	29.86	9.223	42310.	3976.
Stddev	.0660	.30	.24	2.927	191.	101.
%RSD	78.58	1.738	.8085	31.74	.4508	2.547

#1	.1545	17.67	29.81	6.568	42430.	4076.
#2	.0735	17.06	30.13	8.741	42410.	3873.
#3	.0238	17.38	29.66	12.36	42090.	3980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-3-a Acquired: 9/30/2011 22:28:55 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5536.	498.1	10240.	20.56	8.552	-.6936
Stddev	25.	2.3	72.	.30	.786	.8995
%RSD	.4426	.4549	.7025	1.438	9.195	129.7
#1	5554.	499.7	10310.	20.36	8.849	-.4037
#2	5545.	499.0	10160.	20.43	7.660	.0252
#3	5508.	495.5	10240.	20.90	9.146	-1.702

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1244	.9492	44.27	32.67	10.50	3.260
Stddev	2.225	1.612	.26	.36	.91	.325
%RSD	1789.	169.8	.5927	1.096	8.621	9.964
#1	.6015	-.0720	44.29	32.77	10.86	3.628
#2	2.072	.1123	44.00	32.98	11.17	3.016
#3	-2.300	2.807	44.52	32.28	9.469	3.135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-3-a Acquired: 9/30/2011 22:28:55 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.177	207.0	331.5
Stddev	.887	1.9	3.2
%RSD	75.35	.8988	.9718

#1	.2051	209.0	335.1
#2	1.383	206.7	329.0
#3	1.942	205.3	330.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2568.6	37147.	5355.1
Stddev	7.0	43.	4.4
%RSD	.27385	.11551	.08182

#1	2576.6	37109.	5355.0
#2	2563.5	37139.	5350.8
#3	2565.7	37194.	5359.6

Sample Name: 460-31470-i-12-a Acquired: 9/30/2011 22:32:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1616.	8.467	1.108	70.53	.1675	35230.
Stddev	16.	2.202	.715	.81	.0057	102.
%RSD	1.013	26.01	64.53	1.151	3.426	.2907

#1	1635.	9.146	.3573	70.77	.1721	35330.
#2	1609.	10.25	1.781	71.19	.1693	35130.
#3	1605.	6.006	1.186	69.62	.1611	35250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5702	11.36	7.390	29.74	50470.	1392.
Stddev	.1215	.44	.363	1.29	239.	69.
%RSD	21.30	3.891	4.910	4.350	.4736	4.956

#1	.6202	11.82	7.201	29.23	50390.	1469.
#2	.6586	11.30	7.809	31.21	50740.	1336.
#3	.4317	10.94	7.162	28.78	50290.	1370.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-12-a Acquired: 9/30/2011 22:32:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15490.	7097.	23700.	22.07	8.168	2.063
Stddev	50.	68.	45.	.32	.615	1.515
%RSD	.3242	.9572	.1897	1.444	7.532	73.44

#1	15470.	7080.	23690.	22.30	8.134	1.583
#2	15550.	7172.	23660.	22.19	7.571	3.760
#3	15450.	7039.	23750.	21.70	8.800	.8463

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.769	2.572	18.40	155.7	40.15	4.782
Stddev	2.021	.761	.36	1.8	.76	.090
%RSD	114.2	29.57	1.965	1.146	1.892	1.892

#1	.1689	2.787	18.44	156.1	40.85	4.839
#2	4.039	1.728	18.02	157.2	40.25	4.828
#3	1.098	3.203	18.74	153.7	39.34	4.677

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-12-a Acquired: 9/30/2011 22:32:39 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6559	143.9	84.09
Stddev	.2015	.3	2.88
%RSD	30.71	.2414	3.420

#1	.6834	144.3	87.18
#2	.8422	143.6	83.61
#3	.4421	144.0	81.49

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2529.4	36555.	5342.2
Stddev	6.4	108.	16.7
%RSD	.25442	.29671	.31269

#1	2536.3	36658.	5331.0
#2	2523.7	36442.	5361.4
#3	2528.1	36566.	5334.2

Sample Name: 460-31470-i-13-a Acquired: 9/30/2011 22:36:32 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	975.6	11.31	.8284	396.5	.0659	56120.
Stddev	16.1	2.25	.7072	4.1	.1360	237.
%RSD	1.648	19.88	85.37	1.036	206.3	.4218

#1	959.4	8.803	.9072	398.1	-.0499	55960.
#2	991.6	13.15	.0850	399.5	.2157	56390.
#3	975.9	11.98	1.493	391.8	.0320	56000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1089	2.322	5.892	9.657	63430.	1672.
Stddev	.0791	.112	.103	1.945	222.	69.
%RSD	72.67	4.841	1.748	20.14	.3501	4.106

#1	.1980	2.206	5.857	9.895	63560.	1610.
#2	.0469	2.330	6.008	7.604	63560.	1745.
#3	.0817	2.430	5.812	11.47	63180.	1660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-13-a Acquired: 9/30/2011 22:36:32 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19810.	8731.	42690.	10.82	6.973	1.098
Stddev	70.	41.	52.	.47	1.696	1.892
%RSD	.3530	.4696	.1214	4.306	24.32	172.3
#1	19840.	8778.	42670.	11.26	8.638	-1.065
#2	19870.	8715.	42750.	10.34	5.248	1.910
#3	19730.	8701.	42650.	10.88	7.033	2.449

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.320	1.873	13.07	122.5	37.32	6.632
Stddev	1.828	1.189	.38	1.0	.51	.286
%RSD	138.5	63.50	2.881	.7815	1.370	4.307
#1	-1.185	1.990	13.07	122.7	37.74	6.875
#2	.4369	.6294	13.44	123.3	37.47	6.704
#3	-3.212	3.000	12.69	121.5	36.75	6.317

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-13-a Acquired: 9/30/2011 22:36:32 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6333	272.9	33.20
Stddev	.6440	1.3	.97
%RSD	101.7	.4925	2.936

#1	-.1094	272.0	33.28
#2	1.035	274.5	32.19
#3	.9741	272.2	34.13

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2506.9	35971.	5331.3
Stddev	5.7	62.	17.0
%RSD	.22611	.17304	.31950

#1	2509.5	35900.	5341.6
#2	2510.9	36011.	5311.6
#3	2500.4	36003.	5340.7

Sample Name: 460-31470-i-14-a Acquired: 9/30/2011 22:40:24 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3230.	.0084	.9205	71.31	.1741	45820.
Stddev	29.	2.565	.4478	.50	.1455	291.
%RSD	.8878	30430.	48.65	.6996	83.60	.6340

#1	3258.	1.992	.9769	71.48	.0109	46140.
#2	3231.	.9214	1.337	71.70	.2906	45750.
#3	3201.	-2.888	.4472	70.75	.2207	45570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.108	8.098	8.637	34.86	6770.	3635.
Stddev	.070	.228	.371	1.92	32.	52.
%RSD	6.357	2.810	4.296	5.502	.4767	1.418

#1	-1.096	8.355	8.890	36.66	6734.	3694.
#2	-1.045	8.015	8.211	32.84	6796.	3611.
#3	-1.184	7.923	8.810	35.09	6780.	3599.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-14-a Acquired: 9/30/2011 22:40:24 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14320.	310.1	27910.	F 14040.	9.373	3.434
Stddev	41.	.3	111.	87.	.215	.943
%RSD	.2896	.1082	.3988	.6167	2.292	27.47

#1	14290.	310.2	28040.	14090.	9.586	3.579
#2	14370.	310.4	27820.	14100.	9.157	2.426
#3	14310.	309.8	27870.	13940.	9.376	4.296

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.002	5.595	12.22	48.63	69.80	.7249
Stddev	1.721	.933	.80	.44	.06	.1315
%RSD	171.8	16.67	6.523	.8994	.0808	18.14

#1	-2.925	4.936	12.12	49.08	69.86	.6106
#2	-.4770	6.662	13.06	48.60	69.75	.8687
#3	.3954	5.187	11.47	48.21	69.78	.6953

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-14-a Acquired: 9/30/2011 22:40:24 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.339	149.2	114.4
Stddev	.638	1.2	.7
%RSD	47.62	.8073	.6136

#1	1.953	150.5	114.0
#2	1.385	149.0	114.0
#3	.6799	148.1	115.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2542.4	36625.	5344.1
Stddev	8.5	109.	34.2
%RSD	.33476	.29766	.63974

#1	2552.2	36734.	5307.2
#2	2536.8	36624.	5374.6
#3	2538.3	36516.	5350.6

Sample Name: 460-31477-k-1 Acquired: 9/30/2011 22:44:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59.10	-1.544	-.2857	38.27	.0947	88400.
Stddev	7.13	2.826	.4051	.35	.0421	232.
%RSD	12.07	183.0	141.8	.9237	44.42	.2622
#1	57.28	.6437	-.6850	38.52	.1290	88640.
#2	53.05	-.5417	.1250	38.43	.1073	88370.
#3	66.97	-4.734	-.2971	37.87	.0477	88180.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0227	-.1891	25.38	-2.561	59.68	7261.
Stddev	.0866	.3212	.24	1.030	2.94	35.
%RSD	381.4	169.9	.9644	40.24	4.926	.4845
#1	.0090	-.0206	25.21	-1.382	60.37	7221.
#2	-.0562	-.5596	25.27	-3.289	62.21	7279.
#3	.1154	.0128	25.66	-3.011	56.46	7284.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-1 Acquired: 9/30/2011 22:44:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61480.	1.239	29210.	.9913	5.462	.7566
Stddev	259.	.066	35.	.1459	.121	2.278
%RSD	.4209	5.320	.1183	14.72	2.213	301.1

#1	61770.	1.271	29230.	1.154	5.322	.4213
#2	61380.	1.163	29240.	.9488	5.536	3.184
#3	61280.	1.283	29180.	.8714	5.526	-1.335

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.52	.8881	.7386	32.53	484.4	-.5230
Stddev	2.25	1.338	.3997	.20	2.1	.1118
%RSD	21.36	150.7	54.12	.6008	.4420	21.37

#1	13.02	1.068	.8337	32.67	486.0	-.5994
#2	9.860	2.127	.2999	32.61	485.2	-.5749
#3	8.678	-.5310	1.082	32.31	482.0	-.3948

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-1 Acquired: 9/30/2011 22:44:10 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0300	141.0	11.97
Stddev	.2190	.6	.76
%RSD	729.1	.4170	6.384

#1	-.2781	141.6	11.13
#2	.0512	140.4	12.62
#3	.1367	141.0	12.16

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2426.2	35113.	5232.1
Stddev	3.5	99.	15.5
%RSD	.14540	.28208	.29715

#1	2423.2	35030.	5215.7
#2	2425.3	35223.	5246.7
#3	2430.1	35086.	5233.8

Sample Name: 460-31477-k-2-a Acquired: 9/30/2011 22:47:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	104.1	1.602	.6909	37.61	.0601	89550.
Stddev	4.0	1.391	1.104	.12	.0476	221.
%RSD	3.807	86.83	159.8	.3181	79.20	.2470

#1	108.0	2.944	1.622	37.72	.0316	89320.
#2	100.1	.1669	.9793	37.48	.1151	89760.
#3	104.2	1.695	-.5288	37.64	.0337	89580.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0708	-.2075	30.20	-1.503	-11.80	14610.
Stddev	.0640	.2692	.21	3.009	4.38	64.
%RSD	90.41	129.7	.6804	200.2	37.08	.4382

#1	-.0084	.0986	30.00	-2.418	-16.82	14600.
#2	-.0678	-.3134	30.41	-3.948	-9.790	14680.
#3	-.1363	-.4076	30.19	1.857	-8.795	14560.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-2-a Acquired: 9/30/2011 22:47:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63840.	.2008	58340.	.3321	.4144	.1520
Stddev	163.	.0493	126.	.3209	.6379	2.666
%RSD	.2558	24.55	.2166	96.62	153.9	1754.
#1	63660.	.1691	58190.	-.0257	.6239	-2.328
#2	63980.	.1757	58400.	.5944	.9212	-.1888
#3	63890.	.2576	58420.	.4275	-.3019	2.972

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.96	3.487	.6881	2.625	152.2	-.1805
Stddev	2.10	1.149	.9103	.378	.4	.3541
%RSD	16.18	32.95	132.3	14.40	.2322	196.1
#1	10.67	4.783	.1539	2.444	152.5	-.5059
#2	13.44	2.593	1.739	2.372	151.8	.1965
#3	14.78	3.084	.1713	3.060	152.1	-.2322

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-2-a Acquired: 9/30/2011 22:47:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.5632	137.2	10.83
Stddev	.3383	.2	.64
%RSD	60.07	.1542	5.883

#1	-.2040	137.0	10.63
#2	-.6098	137.3	10.32
#3	-.8757	137.4	11.55

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2425.4	34884.	5262.9
Stddev	3.0	144.	3.5
%RSD	.12308	.41177	.06646

#1	2423.2	35047.	5259.1
#2	2428.8	34776.	5266.0
#3	2424.2	34829.	5263.5

Sample Name: 460-31492-q-1-b Acquired: 9/30/2011 22:51:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.02	-.8193	.8801	.0962	.0466	19.88
Stddev	11.61	.8177	.7568	.0815	.0379	16.32
%RSD	55.22	99.81	85.99	84.74	81.36	82.10
#1	24.11	-1.226	1.753	.0219	.0884	8.598
#2	8.183	-1.354	.4753	.0833	.0368	38.60
#3	30.77	.1220	.4117	.1835	.0145	12.45

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1164	-.3345	-.4919	-1.201	10.05	-176.7
Stddev	.0499	.4494	.3209	7.227	4.74	99.7
%RSD	42.90	134.4	65.24	602.0	47.17	56.44
#1	.0589	-.4255	-.8553	-7.197	14.93	-70.51
#2	.1488	.1535	-.2472	-3.230	5.468	-191.2
#3	.1415	-.7314	-.3733	6.824	9.739	-268.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-1-b Acquired: 9/30/2011 22:51:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.060	.1461	52.67	.1144	-.8641	.4253
Stddev	3.826	.0542	7.26	.4069	.4278	2.550
%RSD	75.60	37.11	13.79	355.8	49.51	599.6

#1	7.868	.1601	52.08	.4829	-.9851	3.349
#2	6.610	.1919	60.21	.1825	-1.218	-.7293
#3	.7032	.0862	45.72	-.3223	-.3888	-1.343

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.455	1.398	.3079	6.646	72.95	-.0091
Stddev	2.517	1.149	.2044	.350	1.48	.1410
%RSD	72.84	82.17	66.40	5.272	2.035	1552.

#1	1.006	.2951	.3456	6.672	73.95	.1268
#2	6.034	2.588	.4908	6.983	73.66	.0007
#3	3.326	1.311	.0872	6.284	71.25	-.1547

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-1-b Acquired: 9/30/2011 22:51:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0228	.1749	-.5021
Stddev	.7877	.1168	1.625
%RSD	3456.	66.77	323.6

#1	-.1652	.2832	-2.196
#2	.8264	.0511	1.044
#3	-.7296	.1904	-.3545

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2571.5	37843.	5347.6
Stddev	6.8	196.	11.5
%RSD	.26593	.51778	.21453

#1	2575.9	38023.	5351.1
#2	2574.9	37872.	5356.9
#3	2563.6	37634.	5334.8

Sample Name: CCV Acquired: 9/30/2011 22:55:41 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125500.	2485.	1236.	10040.	995.6	126500.
Stddev	1442.	4.	.	42.	13.7	1775.
%RSD	1.149	.1462	.0130	.4136	1.380	1.403

#1	127200.	2486.	1236.	10070.	1011.	128500.
#2	124500.	2488.	1236.	10060.	985.6	125300.
#3	124900.	2481.	1236.	9991.	989.9	125800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2492.	5009.	12490.	99900.	49970.
Stddev	5.	11.	9.	170.	84.	352.
%RSD	.3711	.4342	.1710	1.364	.0837	.7042

#1	1265.	2496.	5015.	12690.	99860.	50370.
#2	1263.	2500.	5013.	12370.	99990.	49710.
#3	1256.	2479.	4999.	12430.	99840.	49840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:55:41 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	5063.	124500.	2526.	7555.	1008.
Stddev	41.	14.	1140.	11.	29.	7.
%RSD	.0325	.2698	.9160	.4497	.3833	.7222

#1	124900.	5077.	125800.	2532.	7560.	1011.
#2	124900.	5060.	123600.	2534.	7582.	1014.
#3	124900.	5050.	124100.	2513.	7525.	1000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2451.	2540.	2471.	2496.	1002.	2489.
Stddev	10.	14.	3.	10.	3.	17.
%RSD	.4121	.5476	.1291	.4107	.3420	.6657

#1	2444.	2549.	2473.	2500.	1002.	2500.
#2	2463.	2547.	2473.	2504.	1006.	2498.
#3	2447.	2524.	2468.	2485.	999.4	2470.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:55:41 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	993.6	5030.	9920.
Stddev	3.5	68.	128.
%RSD	.3530	1.350	1.293

#1	995.6	5107.	10070.
#2	995.6	4979.	9822.
#3	989.5	5004.	9873.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2326.9	33654.	5187.5
Stddev	7.0	27.	76.3
%RSD	.30017	.07937	1.4704

#1	2334.5	33679.	5101.1
#2	2325.4	33656.	5245.7
#3	2320.8	33626.	5215.7

Sample Name: CCB Acquired: 9/30/2011 22:59:10 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.77	-2.030	.5593	.4961	.1097	4.644
Stddev	20.28	3.819	.6305	.1631	.1476	13.59
%RSD	158.9	188.1	112.7	32.88	134.5	292.6

#1	35.94	-2.102	-.0999	.6709	.0260	20.17
#2	-1.751	1.824	1.156	.4696	.2801	-1.173
#3	4.107	-5.812	.6214	.3479	.0230	-5.066

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0454	-.3108	-.5401	-4.427	-1.696	-11.32
Stddev	.0537	.1702	.1629	3.619	2.921	71.01
%RSD	118.4	54.75	30.17	81.75	172.3	627.3

#1	.0155	-.3930	-.6712	-1.713	-.0475	8.696
#2	.0133	-.1152	-.5914	-3.032	-5.068	47.53
#3	.1074	-.4243	-.3577	-8.536	.0294	-90.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:59:10 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.932	.1376	31.71	.2359	-.9897	2.210
Stddev	4.961	.0587	9.12	.2960	1.380	.461
%RSD	100.6	42.66	28.76	125.5	139.4	20.87
#1	10.61	.2043	31.65	.0904	-1.198	1.996
#2	1.457	.1143	40.86	.0408	-2.254	1.894
#3	2.725	.0941	22.62	.5764	.4826	2.739

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.657	2.775	.3994	.7432	1.473	4.407
Stddev	2.677	1.023	.2126	.2056	.459	.324
%RSD	100.7	36.88	53.23	27.66	31.15	7.347
#1	5.410	3.800	.3446	.7319	1.621	4.625
#2	.0639	2.771	.6341	.9542	1.839	4.560
#3	2.497	1.754	.2196	.5435	.9582	4.035

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:59:10 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1102	.3090	2.244
Stddev	.8883	.0329	2.450
%RSD	806.4	10.63	109.2

#1	1.016	.2823	-.3941
#2	.0733	.3457	2.679
#3	-.7591	.2990	4.448

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2534.8	37143.	5248.5
Stddev	4.2	109.	21.8
%RSD	.16424	.29375	.41608

#1	2539.6	37019.	5242.2
#2	2532.4	37223.	5230.6
#3	2532.4	37186.	5272.8

Sample Name: 460-31492-q-3-b Acquired: 9/30/2011 23:03:03 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.58	2.269	.1556	1503.	-.0564	31520.
Stddev	9.53	2.126	.7427	3.	.0391	144.
%RSD	19.21	93.68	477.2	.1955	69.26	.4570

#1	39.15	.0041	.6856	1504.	-.0970	31420.
#2	51.77	2.583	-.6932	1506.	-.0531	31690.
#3	57.83	4.221	.4745	1500.	-.0191	31460.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0847	.6736	.5021	-.5217	27.39	801.7
Stddev	.0182	.3768	.2721	2.721	4.79	21.9
%RSD	21.48	55.93	54.18	521.5	17.47	2.732

#1	.0776	.2788	.4484	-3.222	25.59	793.7
#2	.1054	.7127	.7971	2.219	32.81	785.0
#3	.0712	1.029	.2610	-.5621	23.75	826.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-3-b Acquired: 9/30/2011 23:03:03 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9146.	1858.	9452.	2.219	.2580	.3577
Stddev	10.	5.	55.	.584	1.027	2.022
%RSD	.1109	.2638	.5851	26.32	398.2	565.2
#1	9134.	1854.	9394.	2.733	.0981	-1.374
#2	9151.	1863.	9505.	2.341	-.6799	2.579
#3	9152.	1856.	9457.	1.584	1.356	-.1319

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0149	.5264	.0320	.6731	26.90	270.6
Stddev	1.222	.8321	.3874	.1389	.52	1.4
%RSD	8216.	158.1	1210.	20.63	1.921	.5153
#1	-.0411	1.429	-.2023	.7449	27.21	271.1
#2	1.220	.3592	.4792	.5130	27.19	271.7
#3	-1.223	-.2094	-.1808	.7613	26.31	269.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-3-b Acquired: 9/30/2011 23:03:03 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1656	192.1	1.851
Stddev	.0374	.9	1.011
%RSD	22.59	.4523	54.64

#1	-.1895	191.2	.8961
#2	-.1225	192.9	2.911
#3	-.1849	192.2	1.747

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2528.0	36641.	5358.3
Stddev	1.7	93.	35.0
%RSD	.06788	.25342	.65266

#1	2528.8	36643.	5393.7
#2	2526.1	36547.	5323.7
#3	2529.2	36732.	5357.6

Sample Name: 460-31492-q-4-b Acquired: 9/30/2011 23:06:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28.65	.8403	-.2913	1528.	.0848	32090.
Stddev	20.24	1.900	.4717	8.	.0217	41.
%RSD	70.63	226.1	161.9	.5111	25.60	.1280
#1	27.23	.4079	-.1481	1536.	.0996	32080.
#2	9.163	2.919	-.8180	1529.	.0599	32060.
#3	49.56	-.8061	.0921	1520.	.0950	32140.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0143	.2859	.7794	-1.220	23.03	822.5
Stddev	.0667	.0242	.2328	2.650	8.87	59.8
%RSD	465.2	8.478	29.87	217.3	38.51	7.268
#1	.0417	.3138	.8913	1.834	31.47	858.5
#2	.0034	.2743	.9352	-2.924	23.81	855.6
#3	-.0881	.2697	.5118	-2.569	13.79	753.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-4-b Acquired: 9/30/2011 23:06:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9246.	1880.	9637.	3.018	-.8301	1.371
Stddev	30.	9.	44.	.302	.6431	.437
%RSD	.3252	.4907	.4591	10.02	77.47	31.88
#1	9212.	1869.	9675.	3.367	-1.262	1.421
#2	9269.	1886.	9648.	2.838	-1.137	1.781
#3	9258.	1884.	9589.	2.849	-.0911	.9110

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.953	2.066	.6127	.5624	25.84	275.1
Stddev	2.920	.378	.3349	.1734	.44	2.0
%RSD	58.95	18.28	54.66	30.84	1.700	.7149
#1	1.745	2.126	.9645	.5820	25.42	276.7
#2	5.660	1.662	.5757	.7252	25.80	275.7
#3	7.455	2.410	.2978	.3800	26.30	272.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-4-b Acquired: 9/30/2011 23:06:50 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6315	196.0	2.285
Stddev	.2143	.8	.974
%RSD	33.94	.4194	42.62

#1	.6370	195.3	3.268
#2	.4145	195.8	2.265
#3	.8431	196.9	1.321

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2517.0	36686.	5323.8
Stddev	3.8	105.	13.3
%RSD	.15172	.28701	.24916

#1	2514.1	36803.	5325.5
#2	2515.6	36601.	5309.8
#3	2521.3	36652.	5336.2

Sample Name: 460-31492-q-5-b Acquired: 9/30/2011 23:10:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.67	.1695	.2326	287.3	-.0056	39150.
Stddev	5.82	.4114	.1537	1.0	.0517	196.
%RSD	18.38	242.7	66.09	.3409	924.3	.4994

#1	25.11	.5343	.4034	288.3	-.0293	38950.
#2	36.21	.2506	.1053	287.3	-.0412	39340.
#3	33.71	-.2764	.1891	286.4	.0537	39170.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0029	.0867	3.865	-2.217	4711.	2897.
Stddev	.0327	.2431	.232	2.741	15.	57.
%RSD	1146.	280.4	6.007	123.7	.3261	1.952

#1	-.0158	.3605	3.803	.3450	4694.	2910.
#2	.0343	.0035	4.122	-1.887	4713.	2946.
#3	-.0271	-.1038	3.670	-5.108	4725.	2835.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-5-b Acquired: 9/30/2011 23:10:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25720.	396.9	16340.	3.374	-.4116	1.896
Stddev	66.	1.5	63.	.141	.5885	.856
%RSD	.2576	.3700	.3832	4.177	143.0	45.13

#1	25650.	395.4	16330.	3.521	-.5894	1.502
#2	25740.	396.9	16410.	3.362	-.8906	2.878
#3	25780.	398.3	16280.	3.240	.2453	1.308

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5391	1.008	.9699	6.367	353.5	7.692
Stddev	2.502	.614	.2738	.221	1.5	.224
%RSD	464.1	60.89	28.23	3.474	.4241	2.915

#1	.1247	1.529	1.091	6.615	355.2	7.465
#2	-1.730	.3317	1.163	6.190	352.8	7.699
#3	3.222	1.163	.6566	6.297	352.5	7.913

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-5-b Acquired: 9/30/2011 23:10:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3329	1865.	2.447
Stddev	.3958	9.	1.537
%RSD	118.9	.4613	62.83

#1	-.7099	1855.	.9194
#2	-.3683	1872.	2.428
#3	.0794	1867.	3.994

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2491.2	36232.	5339.7
Stddev	1.6	95.	25.9
%RSD	.06358	.26299	.48461

#1	2492.8	36334.	5369.3
#2	2489.7	36218.	5328.5
#3	2491.0	36145.	5321.3

Sample Name: 460-31492-q-6-b Acquired: 9/30/2011 23:14:22 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.30	.1264	.3519	326.0	.0350	42750.
Stddev	15.83	.4895	.5460	1.5	.0410	26.
%RSD	60.17	387.1	155.2	.4748	117.2	.0618

#1	18.61	.1188	-.2734	327.8	.0738	42760.
#2	15.79	-.3592	.7343	325.5	-.0080	42770.
#3	44.51	.6197	.5947	324.8	.0392	42720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0817	-.1177	1.385	-.9595	1989.	1732.
Stddev	.1259	.0242	.183	3.561	12.	82.
%RSD	154.2	20.53	13.23	371.2	.6009	4.753

#1	.2003	-.1128	1.417	-5.063	1983.	1663.
#2	-.0505	-.0964	1.549	.8582	1981.	1708.
#3	.0953	-.1439	1.187	1.326	2003.	1823.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-6-b Acquired: 9/30/2011 23:14:22 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22930.	48.79	11570.	.8977	2.037	.8559
Stddev	8.	.05	10.	.3417	.944	.4981
%RSD	.0370	.0935	.0897	38.06	46.35	58.20

#1	22940.	48.84	11580.	.6873	.9755	.5208
#2	22920.	48.76	11560.	1.292	2.351	.6186
#3	22930.	48.77	11560.	.7139	2.783	1.428

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.423	1.664	7.720	3.369	103.5	.2164
Stddev	1.876	2.047	.327	.128	.8	.1290
%RSD	131.9	123.0	4.237	3.811	.7379	59.64

#1	1.303	2.440	8.084	3.441	103.9	.3580
#2	-.3908	3.209	7.450	3.221	103.9	.1054
#3	3.355	-.6572	7.627	3.445	102.6	.1858

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-6-b Acquired: 9/30/2011 23:14:22 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2140	1673.	4.796
Stddev	.6206	2.	2.667
%RSD	290.1	.1106	55.61

#1	-.8924	1673.	6.498
#2	-.0748	1674.	6.169
#3	.3253	1671.	1.722

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2504.1	36213.	5320.3
Stddev	5.7	129.	2.6
%RSD	.22696	.35651	.04802

#1	2502.0	36296.	5319.8
#2	2510.6	36279.	5318.0
#3	2499.8	36064.	5323.0

Sample Name: 460-31492-q-7-b Acquired: 9/30/2011 23:18:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33.69	1.812	.6768	462.4	.0493	45680.
Stddev	12.95	.988	.9019	1.4	.1462	7.
%RSD	38.43	54.55	133.3	.2984	296.6	.0151
#1	48.63	1.714	.4386	462.1	.1213	45680.
#2	26.12	2.845	1.674	463.9	-.1189	45680.
#3	26.31	.8760	-.0821	461.2	.1456	45690.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1621	-.1872	1.588	-2.845	18.67	1304.
Stddev	.1331	.2793	.287	1.334	1.94	43.
%RSD	82.12	149.2	18.07	46.88	10.39	3.303
#1	.0291	-.1955	1.488	-2.098	16.72	1273.
#2	.1618	.0962	1.911	-2.052	20.60	1287.
#3	.2953	-.4623	1.364	-4.385	18.69	1353.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-7-b Acquired: 9/30/2011 23:18:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19880.	170.6	11460.	.9463	-.0837	1.0000
Stddev	18.	.5	23.	.1074	.8496	1.206
%RSD	.0899	.2720	.2041	11.35	1015.	120.6

#1	19860.	170.9	11440.	.8627	.8367	1.532
#2	19880.	170.1	11480.	.9088	-.2500	1.848
#3	19900.	170.9	11460.	1.067	-.8379	-.3801

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.746	1.787	11.61	1.981	89.75	.7761
Stddev	.912	2.388	.10	.303	.47	.1845
%RSD	52.25	133.6	.8185	15.31	.5182	23.78

#1	.6999	1.321	11.50	1.686	89.28	.6128
#2	2.162	-.3341	11.64	1.967	90.21	.9763
#3	2.377	4.373	11.68	2.292	89.75	.7391

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-7-b Acquired: 9/30/2011 23:18:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3865	578.8	6.020
Stddev	.8791	.6	.857
%RSD	227.4	.0990	14.23

#1	-.4944	579.0	6.866
#2	-1.207	578.1	6.041
#3	.5416	579.1	5.154

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2498.7	36257.	5323.1
Stddev	4.6	92.	14.7
%RSD	.18281	.25253	.27672

#1	2503.7	36257.	5313.6
#2	2497.6	36348.	5315.6
#3	2494.8	36165.	5340.0

Sample Name: 460-31492-q-8-b Acquired: 9/30/2011 23:21:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40.43	9.286	-.3283	135.2	.0566	28010.
Stddev	12.71	3.939	.7246	.6	.0111	70.
%RSD	31.43	42.42	220.7	.4146	19.69	.2516
#1	29.35	7.711	-.9326	135.2	.0676	27990.
#2	37.62	13.77	.4750	135.8	.0567	27950.
#3	54.30	6.378	-.5271	134.7	.0454	28090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0427	-.4631	.6427	-3.131	209.4	1902.
Stddev	.0484	.2781	.0996	1.770	9.2	34.
%RSD	113.4	60.04	15.50	56.53	4.405	1.790
#1	.0448	-.2051	.6825	-1.201	198.8	1877.
#2	-.0067	-.7576	.5294	-4.679	214.1	1941.
#3	.0901	-.4266	.7163	-3.512	215.4	1888.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-8-b Acquired: 9/30/2011 23:21:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20530.	92.93	22460.	.9755	1.003	2.050
Stddev	29.	.16	90.	.2318	.897	.175
%RSD	.1418	.1711	.4005	23.76	89.41	8.553

#1	20500.	92.82	22420.	1.232	1.901	1.851
#2	20550.	93.12	22390.	.7814	1.001	2.182
#3	20550.	92.86	22560.	.9129	.1073	2.116

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.767	3.329	1.951	2.750	409.6	7.499
Stddev	3.237	2.050	.436	.226	1.5	.207
%RSD	679.0	61.60	22.32	8.214	.3651	2.755

#1	-3.976	1.518	2.454	2.496	407.9	7.546
#2	2.410	5.555	1.688	2.927	410.3	7.679
#3	.1356	2.914	1.712	2.827	410.7	7.273

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-8-b Acquired: 9/30/2011 23:21:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0744	3447.	2.771
Stddev	.3993	10.	.979
%RSD	536.8	.2901	35.31

#1	-.3561	3444.	1.678
#2	.4326	3439.	3.566
#3	.1467	3459.	3.071

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2514.4	36492.	5328.7
Stddev	5.0	41.	20.6
%RSD	.20054	.11286	.38638

#1	2520.2	36516.	5308.3
#2	2510.9	36444.	5349.5
#3	2512.2	36516.	5328.4

Sample Name: 460-31492-q-9-b Acquired: 9/30/2011 23:25:46 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.34	-1.608	.4013	778.9	-.0760	70820.
Stddev	11.02	1.891	.6541	.6	.0788	135.
%RSD	21.89	117.6	163.0	.0815	103.7	.1909

#1	49.25	-.5214	1.068	778.5	.0139	70820.
#2	61.85	-3.792	-.2392	779.6	-.1334	70960.
#3	39.90	-.5105	.3748	778.5	-.1085	70690.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0053	.4255	-.0538	-.5450	3.859	1344.
Stddev	.1341	.0379	.2624	1.784	11.70	47.
%RSD	2532.	8.896	487.8	327.3	303.0	3.507

#1	-.1489	.4616	-.2339	-2.383	-4.784	1325.
#2	.0699	.4288	.2472	-.4319	-.8051	1398.
#3	.0949	.3861	-.1747	1.180	17.17	1309.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-9-b Acquired: 9/30/2011 23:25:46 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25410.	744.4	13560.	.7253	1.201	.2448
Stddev	76.	1.8	2.	.3578	2.143	2.295
%RSD	.2975	.2354	.0166	49.33	178.4	937.5

#1	25480.	746.2	13560.	.9099	.8709	-2.398
#2	25330.	742.7	13570.	.3129	-.7573	1.394
#3	25420.	744.1	13560.	.9531	3.489	1.738

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.949	2.514	7.368	1.380	61.41	6.712
Stddev	1.652	.786	.369	.077	.50	.117
%RSD	84.72	31.26	5.013	5.561	.8060	1.737

#1	.0675	2.358	7.253	1.390	61.65	6.637
#2	3.158	3.365	7.782	1.298	60.84	6.846
#3	2.623	1.817	7.070	1.451	61.74	6.653

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-9-b Acquired: 9/30/2011 23:25:46 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3237	575.4	6.669
Stddev	1.488	2.2	1.791
%RSD	459.6	.3737	26.86

#1	1.627	575.3	5.472
#2	.6412	577.6	5.807
#3	-1.297	573.3	8.729

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2481.2	36092.	5331.9
Stddev	4.6	113.	4.8
%RSD	.18711	.31239	.09013

#1	2483.7	36073.	5335.7
#2	2484.1	36213.	5326.5
#3	2475.8	35990.	5333.5

Sample Name: 460-31559-a-17-c@5 Acquired: 9/30/2011 23:29:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	610.6	3.509	.3641	148.9	.2443	41340.
Stddev	11.4	1.609	.2738	.6	.0202	60.
%RSD	1.863	45.85	75.20	.3833	8.256	.1442

#1	619.8	5.292	.5396	148.8	.2592	41270.
#2	614.3	2.164	.5040	149.5	.2214	41370.
#3	597.9	3.072	.0486	148.3	.2525	41390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3012	4.476	30.31	-3.542	3626.	766.2
Stddev	.0452	.170	.44	3.381	9.	43.5
%RSD	15.02	3.797	1.453	95.45	.2573	5.677

#1	.3012	4.450	29.99	-7.440	3624.	787.3
#2	.2560	4.658	30.13	-1.778	3637.	716.2
#3	.3465	4.321	30.81	-1.408	3618.	795.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-17-c@5 Acquired: 9/30/2011 23:29:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1567.	1190.	244700.	6.703	116.9	-.6827
Stddev	10.	3.	356.	.170	.9	2.136
%RSD	.6356	.2435	.1453	2.535	.7688	312.9

#1	1577.	1192.	244700.	6.543	117.7	-3.143
#2	1566.	1192.	244300.	6.685	115.9	.3975
#3	1558.	1187.	245000.	6.881	117.2	.6973

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.572	3.689	1.418	287.1	29.35	-.0031
Stddev	1.185	.620	.320	1.4	.79	.2893
%RSD	75.37	16.82	22.60	.4704	2.703	9410.

#1	1.289	4.182	1.600	286.9	29.93	-.2906
#2	.5543	3.892	1.606	288.6	29.68	.2879
#3	2.872	2.992	1.048	285.9	28.45	-.0065

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-17-c@5 Acquired: 9/30/2011 23:29:34 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-4737	82.28	30.69
Stddev	1.273	.16	1.13
%RSD	268.7	.2002	3.679

#1	-1.167	82.09	32.00
#2	.5825	82.39	30.06
#3	-1.887	82.35	30.02

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2420.8	34457.	5271.2
Stddev	5.0	53.	10.6
%RSD	.20508	.15339	.20097

#1	2426.5	34499.	5280.5
#2	2418.2	34398.	5273.3
#3	2417.7	34474.	5259.7

Sample Name: 460-31559-a-18-b@5 Acquired: 9/30/2011 23:33:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	451.9	.1265	-.0378	123.7	.1153	39800.
Stddev	7.4	.9716	.2227	.5	.0297	240.
%RSD	1.629	767.8	588.9	.4288	25.73	.6020

#1	453.3	.9276	.0940	123.8	.1440	40070.
#2	444.0	-.9542	-.2949	124.1	.0847	39660.
#3	458.5	.4063	.0875	123.1	.1172	39660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3469	5.513	50.34	.1532	2877.	687.2
Stddev	.1162	.090	.19	2.846	7.	57.6
%RSD	33.49	1.631	.3706	1858.	.2525	8.378

#1	.4217	5.553	50.54	1.605	2876.	653.2
#2	.4058	5.577	50.18	1.981	2885.	753.7
#3	.2130	5.411	50.29	-3.126	2871.	654.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-18-b@5 Acquired: 9/30/2011 23:33:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2158.	1081.	F 268800.	8.439	20.86	.1378
Stddev	4.	3.	1007.	.425	1.20	.2940
%RSD	.1740	.2726	.3746	5.033	5.735	213.3

#1	2162.	1085.	270000.	8.488	21.04	.3865
#2	2155.	1080.	268300.	8.837	21.95	.2137
#3	2156.	1080.	268200.	7.992	19.58	-.1867

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.020	1.400	1.142	143.5	23.28	-.2983
Stddev	2.164	2.622	.173	.8	.82	.1309
%RSD	212.2	187.3	15.13	.5355	3.528	43.86

#1	-1.180	-.3708	1.340	144.0	23.49	-.1841
#2	1.094	4.411	1.070	144.0	23.97	-.4411
#3	3.145	.1586	1.018	142.6	22.37	-.2699

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-18-b@5 Acquired: 9/30/2011 23:33:19 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0506	86.38	17.63
Stddev	.5811	.46	.85
%RSD	1149.	.5285	4.842

#1	-.7131	86.90	17.34
#2	.1882	86.19	18.59
#3	.3731	86.05	16.96

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2419.3	34316.	5254.6
Stddev	1.7	92.	24.0
%RSD	.07053	.26888	.45616

#1	2419.9	34217.	5227.0
#2	2420.7	34329.	5266.9
#3	2417.4	34401.	5269.9

Sample Name: 460-31559-a-19-c@5 Acquired: 9/30/2011 23:37:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	236.0	.3867	.7294	67.57	.2426	4794.
Stddev	4.3	1.456	.3884	.26	.1164	16.
%RSD	1.803	376.5	53.26	.3841	47.99	.3338

#1	231.5	1.264	.5583	67.55	.3527	4792.
#2	239.9	1.191	.4559	67.84	.2542	4779.
#3	236.5	-1.294	1.174	67.33	.1208	4811.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0836	5.841	.4925	-2.556	946.7	959.7
Stddev	.1271	.387	.3448	3.664	17.1	82.2
%RSD	152.0	6.625	70.01	143.3	1.810	8.562

#1	.0933	6.174	.2294	-4.828	931.7	866.3
#2	-.0480	5.932	.8828	1.671	965.4	991.9
#3	.2055	5.417	.3653	-4.511	942.9	1021.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-19-c@5 Acquired: 9/30/2011 23:37:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	550.2	516.4	F 280400.	2.226	8.415	-.4058
Stddev	1.6	1.5	673.	.265	1.854	1.812
%RSD	.2872	.2881	.2401	11.92	22.04	446.5

#1	551.5	516.8	281100.	2.531	8.756	-2.498
#2	550.7	517.6	279900.	2.049	6.414	.6219
#3	548.4	514.7	280100.	2.097	10.08	.6587

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.144	-.0187	.8513	30.33	23.33	-.1858
Stddev	2.133	1.449	.2240	.40	.58	.0638
%RSD	186.5	7757.	26.31	1.328	2.484	34.33

#1	-.6089	-1.234	.9122	30.07	23.96	-.2066
#2	3.519	-.4072	1.038	30.79	22.82	-.2366
#3	.5216	1.585	.6031	30.12	23.21	-.1142

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-19-c@5 Acquired: 9/30/2011 23:37:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1785	20.73	6.229
Stddev	.1380	.16	1.559
%RSD	77.34	.7857	25.03

#1	-.1345	20.92	6.091
#2	-.3331	20.67	4.743
#3	-.0678	20.61	7.852

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2417.6	34312.	5268.4
Stddev	8.0	96.	13.9
%RSD	.33156	.28070	.26315

#1	2426.1	34402.	5256.2
#2	2416.7	34211.	5265.5
#3	2410.1	34324.	5283.5

Sample Name: CCV Acquired: 9/30/2011 23:40:57 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2494.	1240.	10090.	1003.	127400.
Stddev	683.	5.	4.	8.	4.	381.
%RSD	.5409	.1981	.3047	.0840	.4275	.2986

#1	127000.	2498.	1238.	10090.	1008.	127800.
#2	125700.	2497.	1245.	10090.	999.5	127100.
#3	126000.	2489.	1238.	10080.	1002.	127400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1268.	2505.	5034.	12580.	100300.	50060.
Stddev	1.	2.	7.	57.	108.	328.
%RSD	.0441	.0623	.1407	.4530	.1078	.6553

#1	1268.	2507.	5029.	12650.	100200.	50440.
#2	1267.	2504.	5042.	12540.	100400.	49900.
#3	1267.	2504.	5032.	12560.	100300.	49840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 23:40:57 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125600.	5098.	124800.	2540.	7573.	1008.
Stddev	251.	23.	832.	1.	11.	.
%RSD	.1999	.4477	.6663	.0443	.1450	.0357

#1	125300.	5073.	125800.	2540.	7586.	1008.
#2	125800.	5118.	124200.	2540.	7567.	1008.
#3	125600.	5103.	124500.	2538.	7567.	1007.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2464.	2558.	2482.	2511.	1008.	2506.
Stddev	3.	8.	1.	3.	1.	5.
%RSD	.1344	.3219	.0371	.1090	.1195	.1944

#1	2465.	2568.	2482.	2514.	1009.	2511.
#2	2461.	2553.	2482.	2510.	1008.	2507.
#3	2467.	2554.	2481.	2509.	1007.	2501.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 23:40:57 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1001.	5071.	9981.
Stddev	2.	14.	59.
%RSD	.1878	.2803	.5931

#1	1002.	5086.	10050.
#2	998.6	5057.	9931.
#3	1001.	5070.	9966.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2324.8	33570.	5153.4
Stddev	2.7	63.	15.0
%RSD	.11506	.18785	.29112

#1	2327.1	33642.	5141.6
#2	2325.4	33524.	5170.3
#3	2321.9	33543.	5148.2

Sample Name: CCB Acquired: 9/30/2011 23:44:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.829	-.1999	.5264	.2710	.0801	-2.207
Stddev	8.073	1.694	.1473	.0950	.0948	8.675
%RSD	167.2	847.5	27.97	35.07	118.4	393.1
#1	6.572	1.754	.6922	.3785	.0043	-8.593
#2	11.89	-1.245	.4763	.2359	.0495	-5.698
#3	-3.974	-1.109	.4108	.1985	.1864	7.670

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0466	-.0037	-.1323	.9231	-16.43	-6.064
Stddev	.0487	.0670	.3209	1.646	10.32	118.6
%RSD	104.5	1835.	242.5	178.3	62.78	1955.
#1	.1012	-.0805	-.3516	.3892	-13.51	86.49
#2	.0075	.0427	.2360	-.3894	-7.889	35.01
#3	.0311	.0268	-.2815	2.770	-27.89	-139.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 23:44:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.608	.3871	68.19	.0690	-.6900	2.429
Stddev	4.221	.0627	2.24	.1932	.4697	1.006
%RSD	91.59	16.20	3.283	280.1	68.07	41.40
#1	9.478	.4583	70.43	-.1041	-.4947	3.427
#2	2.020	.3635	65.96	.2774	-.3495	1.416
#3	2.326	.3397	68.19	.0336	-1.226	2.444

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8100	1.487	.0077	1.014	1.182	4.583
Stddev	3.338	2.189	.4028	.182	.181	.610
%RSD	412.1	147.2	5206.	17.96	15.29	13.31
#1	3.038	-.9142	.4542	1.155	.9824	4.529
#2	2.420	3.371	-.3283	.8084	1.229	5.219
#3	-3.028	2.004	-.1027	1.079	1.335	4.002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 23:44:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-0.2721	-0.0031	2.181
Stddev	1.127	.0921	.699
%RSD	414.1	2929.	32.02

#1	.9585	.0624	1.444
#2	-0.5215	.0365	2.266
#3	-1.253	-0.1084	2.833

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2526.3	37090.	5285.7
Stddev	7.9	78.	25.2
%RSD	.31080	.20956	.47700

#1	2519.5	37166.	5282.8
#2	2524.5	37011.	5312.3
#3	2534.9	37094.	5262.1

Sample Name: mb 460-87872/1-a Acquired: 9/30/2011 23:48:20 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.39	-.8565	.8086	-.0299	.0883	-1.919
Stddev	11.80	.8875	.4282	.0954	.1154	15.57
%RSD	37.58	103.6	52.96	319.3	130.7	811.5

#1	20.84	-.4686	.5068	-.1168	.0012	-15.37
#2	29.21	-.2290	.6202	-.0450	.2192	15.14
#3	44.13	-1.872	1.299	.0721	.0445	-5.522

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0645	-.1566	-.4697	-.1418	-2.904	-41.04
Stddev	.1362	.2341	.4593	3.289	.947	18.43
%RSD	211.1	149.5	97.79	2320.	32.60	44.91

#1	-.0161	.1114	.0058	2.195	-2.273	-23.00
#2	.2218	-.2596	-.5038	-3.903	-2.447	-59.84
#3	-.0121	-.3216	-.9110	1.283	-3.993	-40.29

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87872/1-a Acquired: 9/30/2011 23:48:20 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.224	.0728	78.00	.4571	-.3828	.1970
Stddev	2.161	.0502	2.69	.1879	.6381	.9843
%RSD	176.6	68.95	3.448	41.10	166.7	499.6
#1	-3.698	.0276	79.30	.2782	.1877	.7771
#2	.2898	.0640	74.90	.6528	-1.072	-.9394
#3	-.2626	.1268	79.79	.4403	-.2642	.7533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.391	1.037	.1878	.5712	1.494	.3641
Stddev	1.716	.140	.3476	.1861	.390	.1092
%RSD	123.4	13.51	185.1	32.58	26.09	29.98
#1	2.579	1.143	.5876	.5803	1.641	.2654
#2	2.169	.8781	.0189	.3808	1.788	.3456
#3	-.5766	1.089	-.0430	.7527	1.052	.4814

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87872/1-a Acquired: 9/30/2011 23:48:20 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0232	.0427	-1.184
Stddev	.4196	.1395	.873
%RSD	1809.	326.4	73.77

#1	.0722	-.0593	-1.380
#2	-.4188	-.0142	-.2290
#3	.4161	.2017	-1.942

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2562.0	37780.	5309.6
Stddev	4.2	168.	24.1
%RSD	.16400	.44524	.45349

#1	2563.3	37954.	5302.0
#2	2565.4	37767.	5336.5
#3	2557.3	37618.	5290.2

Sample Name: lcs 460-87872/2-a Acquired: 9/30/2011 23:52:11 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 5436.	F 5226.	F 505.9	F 10920.	F 1062.	22190.
Stddev	28.	24.	1.0	48.	4.	77.
%RSD	.5232	.4612	.2064	.4356	.3532	.3482

#1	5467.	5236.	507.1	10950.	1066.	22260.
#2	5411.	5242.	505.1	10940.	1061.	22200.
#3	5429.	5198.	505.5	10870.	1059.	22110.

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Pass
Value	2000.	2000.	50.00	2000.	50.00	
Range	15.00%	15.00%	15.00%	15.00%	15.00%	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 1105.	F 1121.	F 5357.	F 1090.	1046.	21040.
Stddev	5.	6.	7.	4.	7.	42.
%RSD	.4072	.5299	.1398	.3544	.6962	.2014

#1	1108.	1125.	5366.	1091.	1038.	21010.
#2	1108.	1124.	5351.	1086.	1049.	21080.
#3	1100.	1115.	5355.	1093.	1051.	21020.

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass
Value	50.00	500.0	200.0	250.0		
Range	15.00%	15.00%	15.00%	15.00%		

Sample Name: lcs 460-87872/2-a Acquired: 9/30/2011 23:52:11 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21230.	F 1103.	21410.	F 1145.	F 5644.	F 1061.
Stddev	64.	3.	55.	6.	23.	6.
%RSD	.2994	.2914	.2589	.5382	.3990	.6073

#1	21310.	1107.	21400.	1148.	5653.	1066.
#2	21190.	1100.	21470.	1148.	5661.	1064.
#3	21210.	1104.	21360.	1138.	5619.	1054.

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Fail
Value		500.0		500.0	500.0	500.0
Range		15.00%		15.00%	15.00%	15.00%

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 1030.	F 1177.	527.2	F 1092.	F 1067.	F 1081.
Stddev	1.	7.	.9	4.	2.	6.
%RSD	.1168	.6357	.1756	.3925	.1442	.5871

#1	1032.	1184.	528.2	1094.	1068.	1086.
#2	1029.	1177.	526.5	1094.	1067.	1083.
#3	1030.	1169.	526.8	1087.	1065.	1074.

Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Fail
Value	2000.	2000.		500.0	500.0	500.0
Range	-15.00%	-15.00%		15.00%	15.00%	15.00%

Sample Name: lcs 460-87872/2-a Acquired: 9/30/2011 23:52:11 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	F 996.2	F 1070.	F 1046.
Stddev	6.7	3.	2.
%RSD	.6734	.2605	.1668

#1	1001.	1073.	1046.
#2	998.8	1069.	1048.
#3	988.6	1068.	1045.

Check ?	Chk Fail	Chk Fail	Chk Fail
Value	500.0	500.0	500.0
Range	15.00%	15.00%	15.00%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2445.8	35929.	5307.4
Stddev	1.7	77.	13.7
%RSD	.07109	.21492	.25883

#1	2446.2	35846.	5295.7
#2	2443.9	35943.	5322.5
#3	2447.3	35999.	5303.9

Sample Name: 460-31559-a-20-c du@ Acquired: 9/30/2011 23:55:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	108.4	1.440	.5422	74.32	.2807	5570.
Stddev	2.9	.276	.6780	.82	.0225	19.
%RSD	2.674	19.15	125.0	1.106	8.025	.3381
#1	106.0	1.178	-.1734	75.07	.3036	5591.
#2	111.6	1.414	1.175	74.45	.2585	5554.
#3	107.7	1.728	.6252	73.44	.2801	5566.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1372	5.166	2.312	-.1038	124.4	1097.
Stddev	.1125	.147	.442	1.968	.5	17.
%RSD	82.04	2.851	19.10	1896.	.4418	1.511
#1	.2569	5.054	2.578	-2.375	124.9	1098.
#2	.1210	5.110	1.802	1.109	123.8	1113.
#3	.0336	5.333	2.554	.9548	124.5	1080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-c du@ Acquired: 9/30/2011 23:55:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	715.8	607.9	F 291000.	2.569	6.668	1.504
Stddev	5.0	3.1	1481.	.182	.951	3.040
%RSD	.7048	.5147	.5088	7.082	14.26	202.1
#1	719.0	610.7	292500.	2.593	5.956	-.9040
#2	718.4	608.5	289500.	2.738	6.299	.4958
#3	709.9	604.5	291200.	2.377	7.747	4.919
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.115	1.852	.6989	17.91	35.72	2.148
Stddev	3.374	1.086	.1871	.20	.79	.367
%RSD	302.7	58.65	26.77	1.100	2.218	17.11
#1	-2.629	1.372	.7375	18.06	36.58	1.985
#2	3.921	3.095	.4955	17.98	35.02	2.568
#3	2.052	1.088	.8636	17.68	35.55	1.889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-c du@ Acquired: 9/30/2011 23:55:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6199	25.02	1.078
Stddev	.1960	.06	.869
%RSD	31.62	.2465	80.57

#1	.5386	24.96	.1647
#2	.4776	25.08	1.893
#3	.8434	25.03	1.176

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2423.0	34387.	5275.6
Stddev	1.1	19.	21.7
%RSD	.04708	.05518	.41068

#1	2421.8	34400.	5287.5
#2	2423.4	34365.	5288.8
#3	2424.0	34395.	5250.6

Sample Name: 460-31559-a-20-b@5 Acquired: 9/30/2011 23:59:30 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	114.4	1.981	.8070	73.94	.1217	5610.
Stddev	18.0	1.716	.2781	.86	.1045	76.
%RSD	15.71	86.64	34.46	1.159	85.87	1.361

#1	131.3	1.606	.4867	74.62	.0579	5697.
#2	116.5	3.853	.9486	74.23	.0648	5577.
#3	95.48	.4826	.9858	72.98	.2422	5556.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1771	5.216	2.187	3.999	118.2	1041.
Stddev	.0387	.188	.161	3.788	4.7	31.
%RSD	21.82	3.610	7.345	94.72	4.009	2.981

#1	.1909	5.337	2.001	-.3507	123.3	1043.
#2	.1335	5.312	2.274	5.777	114.0	1009.
#3	.2070	4.999	2.285	6.571	117.3	1071.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-b@5 Acquired: 9/30/2011 23:59:30 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	710.2	608.8	F 291000.	2.298	8.413	1.964
Stddev	7.3	6.0	2817.	.418	.059	2.033
%RSD	1.023	.9871	.9680	18.19	.6959	103.5

#1	718.2	614.8	294100.	1.816	8.451	2.462
#2	708.7	608.7	290300.	2.544	8.346	-.2722
#3	703.9	602.8	288700.	2.536	8.442	3.702

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6081	-.1241	1.194	17.73	34.20	.3812
Stddev	1.109	2.963	.445	.37	.54	.4300
%RSD	182.3	2389.	37.24	2.090	1.568	112.8

#1	-1.547	3.280	1.291	17.72	34.25	.8714
#2	.6151	-1.527	.7087	18.10	34.72	.2042
#3	-.8926	-2.125	1.582	17.36	33.65	.0679

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-b@5 Acquired: 9/30/2011 23:59:30 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5947	25.18	-.6922
Stddev	.4071	.30	1.251
%RSD	68.46	1.181	180.7

#1	.8892	25.40	-1.735
#2	.1301	25.29	-1.037
#3	.7648	24.84	.6949

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2419.0	34203.	5250.8
Stddev	4.1	103.	24.7
%RSD	.16809	.30095	.46965

#1	2423.7	34089.	5223.0
#2	2417.1	34231.	5259.8
#3	2416.3	34290.	5269.8

Sample Name: sd 460-31559-a-20-b@ Acquired: 10/1/2011 0:03:19 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.43	-1.442	.2856	14.75	-.0054	1080.
Stddev	7.70	1.641	.4287	.18	.0953	19.
%RSD	30.29	113.8	150.1	1.238	1761.	1.775
#1	34.32	.4072	.4557	14.83	-.0716	1062.
#2	20.84	-2.006	.6031	14.88	-.0484	1079.
#3	21.13	-2.727	-.2020	14.54	.1038	1100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0524	1.114	-.1094	.2417	14.55	165.0
Stddev	.0369	.235	.4144	3.046	7.80	16.4
%RSD	70.52	21.14	378.8	1260.	53.61	9.969
#1	.0372	.9722	-.1476	2.419	5.556	154.6
#2	.0945	.9841	.3228	1.545	18.62	156.4
#3	.0254	1.386	-.5034	-3.240	19.48	184.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31559-a-20-b@ Acquired: 10/1/2011 0:03:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	142.4	119.7	58940.	-.0528	1.280	1.772
Stddev	3.9	.8	282.	.0705	1.107	1.315
%RSD	2.771	.6679	.4788	133.5	86.54	74.21

#1	144.1	120.5	59150.	-.1204	2.089	.8731
#2	145.3	119.6	59060.	-.0583	.0176	3.281
#3	137.9	118.9	58620.	.0203	1.733	1.162

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.893	1.289	.2200	4.041	7.353	-.2077
Stddev	1.012	.798	.2420	.107	.192	.1446
%RSD	34.96	61.90	110.0	2.658	2.613	69.63

#1	3.610	2.209	.4977	4.059	7.489	-.2174
#2	3.334	.8732	.1082	4.139	7.437	-.0585
#3	1.736	.7846	.0540	3.926	7.133	-.3472

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31559-a-20-b@ Acquired: 10/1/2011 0:03:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-0.6531	4.932	-0.6626
Stddev	.7741	.026	1.843
%RSD	118.5	.5213	278.1

#1	.0410	4.961	1.092
#2	-1.488	4.912	-2.582
#3	-0.5126	4.923	-0.4979

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2485.4	35850.	5282.7
Stddev	3.2	109.	28.9
%RSD	.12765	.30416	.54687

#1	2488.4	35898.	5308.0
#2	2485.7	35927.	5288.9
#3	2482.1	35725.	5251.3

Sample Name: 460-31559-a-20-d ms@ Acquired: 10/1/2011 0:07:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1128.	999.1	96.86	2068.	201.4	9771.
Stddev	28.	19.8	.37	38.	2.6	130.
%RSD	2.468	1.983	.3775	1.816	1.295	1.335

#1	1152.	1011.	97.28	2089.	204.1	9911.
#2	1134.	1011.	96.68	2091.	201.3	9747.
#3	1098.	976.2	96.62	2025.	198.9	9654.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	207.3	210.6	1022.	202.4	320.5	5096.
Stddev	3.9	4.3	15.	5.6	6.9	58.
%RSD	1.896	2.048	1.427	2.767	2.166	1.147

#1	209.6	213.1	1035.	204.1	321.3	5111.
#2	209.6	213.1	1025.	206.9	313.2	5146.
#3	202.8	205.6	1006.	196.1	327.0	5032.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-d ms@ Acquired: 10/1/2011 0:07:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4647.	816.1	F 291600.	211.7	1035.	193.8
Stddev	60.	13.6	2644.	4.0	18.	5.6
%RSD	1.286	1.663	.9067	1.902	1.732	2.905

#1	4703.	830.6	294000.	214.3	1044.	196.4
#2	4654.	814.2	291900.	213.8	1047.	197.6
#3	4584.	803.7	288800.	207.1	1014.	187.3

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	197.5	206.3	101.4	225.5	230.1	199.4
Stddev	4.8	6.5	1.1	4.4	4.0	5.1
%RSD	2.452	3.156	1.082	1.969	1.747	2.557

#1	198.5	210.9	102.2	227.9	232.2	202.3
#2	201.7	209.2	101.9	228.2	232.6	202.4
#3	192.2	198.8	100.1	220.4	225.5	193.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-d ms@ Acquired: 10/1/2011 0:07:09 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	182.2	224.9	199.6
Stddev	3.2	3.3	2.2
%RSD	1.772	1.487	1.126

#1	183.7	228.5	200.5
#2	184.4	224.4	201.3
#3	178.5	221.9	197.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2412.7	34172.	5258.6
Stddev	4.2	308.	49.4
%RSD	.17288	.90155	.94016

#1	2417.5	33820.	5201.9
#2	2410.6	34305.	5281.0
#3	2410.0	34392.	5292.8

Sample Name: pds 460-31559-a-20-b Acquired: 10/1/2011 0:10:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5065.	5016.	480.3	9923.	982.6	25970.
Stddev	25.	48.	3.0	77.	6.1	108.
%RSD	.4904	.9559	.6349	.7754	.6216	.4169

#1	5089.	5045.	483.9	9973.	986.5	26030.
#2	5067.	5042.	478.4	9961.	985.8	26030.
#3	5040.	4961.	478.8	9834.	975.6	25840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1017.	1019.	5004.	1013.	1110.	20640.
Stddev	8.	10.	48.	7.	19.	163.
%RSD	.7652	.9350	.9638	.7080	1.684	.7917

#1	1022.	1026.	5050.	1013.	1128.	20820.
#2	1020.	1024.	5009.	1020.	1110.	20490.
#3	1008.	1008.	4954.	1006.	1091.	20620.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31559-a-20-b Acquired: 10/1/2011 0:10:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19960.	1622.	F 304600.	1039.	5056.	987.7
Stddev	165.	12.	1716.	9.	39.	9.3
%RSD	.8242	.7367	.5633	.9030	.7669	.9415
#1	20120.	1632.	306500.	1045.	5084.	991.2
#2	19970.	1625.	304300.	1044.	5073.	994.7
#3	19790.	1609.	303200.	1028.	5012.	977.2
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	989.2	1017.	496.2	1040.	1011.	995.9
Stddev	10.1	8.	4.6	9.	5.	9.5
%RSD	1.016	.7829	.9318	.8816	.4542	.9578
#1	996.2	1023.	501.0	1046.	1012.	1003.
#2	993.6	1021.	495.8	1044.	1015.	999.7
#3	977.7	1008.	491.8	1029.	1006.	985.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31559-a-20-b Acquired: 10/1/2011 0:10:47 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	950.7	1005.	984.2
Stddev	11.5	7.	4.3
%RSD	1.204	.6678	.4408

#1	959.1	1006.	986.5
#2	955.4	1010.	987.0
#3	937.7	997.2	979.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2374.2	34028.	5254.4
Stddev	1.7	83.	15.9
%RSD	.07264	.24348	.30313

#1	2376.2	34043.	5264.2
#2	2373.0	33938.	5236.0
#3	2373.4	34102.	5263.0

Sample Name: 460-31486-a-1-i@5 Acquired: 10/1/2011 0:14:16 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1377.	-1.163	.8534	284.4	.0283	4556.
Stddev	14.	1.429	.4224	1.8	.0225	14.
%RSD	1.035	122.9	49.50	.6189	79.39	.2983

#1	1392.	-.0650	1.207	285.4	.0118	4556.
#2	1374.	-.6450	.9671	285.4	.0192	4543.
#3	1364.	-2.779	.3857	282.4	.0540	4570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2803	6.741	1.087	3.665	491.0	376.7
Stddev	.0670	.124	.469	.919	14.8	12.3
%RSD	23.90	1.836	43.19	25.06	3.022	3.266

#1	.2087	6.860	1.354	3.775	486.5	367.8
#2	.2907	6.748	1.361	4.524	507.5	390.7
#3	.3414	6.613	.5448	2.696	478.9	371.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31486-a-1-i@5 Acquired: 10/1/2011 0:14:16 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	431.2	9426.	F 286500.	6.226	-1.126	4.164
Stddev	4.0	32.	1561.	.351	.673	.631
%RSD	.9237	.3379	.5448	5.641	59.78	15.15
#1	435.1	9460.	288100.	5.916	-.4361	3.613
#2	427.2	9419.	286300.	6.607	-1.161	4.027
#3	431.4	9398.	285100.	6.153	-1.781	4.852
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.369	5.557	.0860	6.663	24.50	1.990
Stddev	2.044	2.180	.6433	.071	.69	.127
%RSD	46.79	39.23	748.4	1.068	2.813	6.379
#1	6.646	7.645	.4076	6.744	25.04	1.864
#2	3.771	5.732	-.6548	6.634	24.75	2.118
#3	2.691	3.295	.5050	6.610	23.73	1.989
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31486-a-1-i@5 Acquired: 10/1/2011 0:14:16 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-6054	61.69	-6.692
Stddev	.8939	.34	1.870
%RSD	147.6	.5534	27.94

#1	-1.437	62.09	-5.667
#2	-.7192	61.51	-8.850
#3	.3398	61.49	-5.558

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2415.2	34041.	5198.5
Stddev	1.8	158.	24.2
%RSD	.07294	.46394	.46637

#1	2416.8	33867.	5172.9
#2	2413.3	34175.	5221.2
#3	2415.6	34080.	5201.3

Sample Name: 460-31657-a-1-i@5 Acquired: 10/1/2011 0:18:14 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32.00	1.223	.5651	11.61	.0467	74150.
Stddev	11.33	.784	.4070	.57	.0414	743.
%RSD	35.39	64.09	72.01	4.887	88.66	1.003
#1	44.48	2.086	.3014	12.11	.0267	74920.
#2	22.37	1.030	.3601	11.73	.0191	74080.
#3	29.16	.5540	1.034	10.99	.0943	73440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1679	-.6776	-.0223	-.9551	34.64	1929.
Stddev	.0237	.3137	.2309	1.449	11.03	74.
%RSD	14.10	46.30	1037.	151.7	31.85	3.847
#1	.1630	-.6383	.0537	-.7636	22.37	1844.
#2	.1470	-1.009	.1611	-2.490	43.75	1964.
#3	.1936	-.3854	-.2816	.3886	37.79	1980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31657-a-1-i@5 Acquired: 10/1/2011 0:18:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6069.	759.0	F 288900.	1.653	.1923	1.256
Stddev	89.	11.7	2842.	.215	.5201	1.580
%RSD	1.462	1.537	.9838	13.01	270.4	125.8

#1	6129.	767.8	291500.	1.728	.7648	2.764
#2	6112.	763.6	289300.	1.820	.0632	1.392
#3	5967.	745.8	285800.	1.410	-.2510	-.3873

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.686	.8776	.6777	4.203	539.9	.6266
Stddev	2.418	.4420	.2218	.124	17.7	.1162
%RSD	65.58	50.36	32.74	2.956	3.275	18.55

#1	1.666	1.151	.8204	4.242	553.8	.7171
#2	6.365	.3677	.4221	4.303	545.8	.4956
#3	3.027	1.114	.7907	4.064	520.0	.6671

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31657-a-1-i@5 Acquired: 10/1/2011 0:18:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-1.116	797.8	7.940
Stddev	.305	8.5	.579
%RSD	27.29	1.062	7.287

#1	-0.8787	806.9	7.464
#2	-1.011	796.3	7.772
#3	-1.460	790.1	8.584

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2387.8	33820.	5232.6
Stddev	18.5	102.	31.7
%RSD	.77433	.30264	.60622

#1	2367.1	33702.	5197.0
#2	2393.5	33873.	5257.7
#3	2402.7	33886.	5243.3

Sample Name: 460-31555-a-1-j@5 Acquired: 10/1/2011 0:22:02 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	178.1	.9146	.6862	95.56	.0855	32260.
Stddev	39.6	1.016	.6516	2.48	.0585	4633.
%RSD	22.26	111.1	94.96	2.597	68.45	14.36
#1	134.5	1.193	.1442	97.18	.0802	26920.
#2	187.7	1.763	1.409	96.80	.1464	35150.
#3	212.0	-.2118	.5053	92.70	.0298	34720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.944	1.114	1.832	4.884	3049.	1733.
Stddev	.258	.336	.120	2.867	76.	289.
%RSD	2.590	30.13	6.572	58.70	2.502	16.70
#1	9.985	.7317	1.915	1.713	2976.	1404.
#2	10.18	1.361	1.887	5.645	3128.	1846.
#3	9.668	1.248	1.694	7.294	3044.	1948.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-1-j@5 Acquired: 10/1/2011 0:22:02 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5374.	525.6	^ *****	14.41	58.98	1.443
Stddev	122.	12.5	----	.82	2.06	2.241
%RSD	2.264	2.374	----	5.692	3.493	155.3
#1	5244.	512.8	^ ----	14.86	61.30	3.605
#2	5485.	537.7	307300.	14.91	58.30	1.594
#3	5393.	526.4	305600.	13.47	57.35	-.8691

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.656	1.152	.4531	545.0	34.86	-.0581
Stddev	2.265	.697	.2491	15.5	1.02	.2076
%RSD	136.8	60.54	54.98	2.845	2.940	357.4
#1	-.3776	1.430	.7378	556.0	35.77	-.2622
#2	-.3196	1.667	.2749	551.7	35.07	-.0650
#3	-4.271	.3583	.3467	527.2	33.75	.1529

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-1-j@5 Acquired: 10/1/2011 0:22:02 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0972	143.8	4.429
Stddev	.3279	20.9	2.708
%RSD	337.3	14.55	61.15

#1	.2206	119.6	1.316
#2	.3456	156.8	5.730
#3	-.2745	154.9	6.242

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2407.6	34328.	5520.3
Stddev	3.5	502.	380.9
%RSD	.14414	1.4613	6.8993

#1	2403.7	34907.	5959.9
#2	2410.5	34016.	5311.0
#3	2408.6	34061.	5290.0

Sample Name: CCV Acquired: 10/1/2011 0:25:50 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125600.	2495.	1246.	10090.	995.9	127000.
Stddev	1187.	6.	7.	27.	8.2	854.
%RSD	.9456	.2537	.5650	.2672	.8271	.6719

#1	126900.	2488.	1254.	10080.	1005.	128000.
#2	124600.	2501.	1240.	10130.	988.8	126300.
#3	125200.	2496.	1243.	10080.	994.0	126900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1268.	2505.	5064.	12510.	100900.	49920.
Stddev	3.	5.	37.	85.	726.	472.
%RSD	.2233	.2060	.7289	.6798	.7191	.9453

#1	1266.	2501.	5106.	12610.	101800.	50450.
#2	1271.	2511.	5047.	12440.	100500.	49550.
#3	1267.	2502.	5038.	12490.	100500.	49750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 0:25:50 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126200.	5124.	124200.	2543.	7589.	1012.
Stddev	788.	36.	1071.	7.	14.	6.
%RSD	.6248	.7058	.8628	.2817	.1868	.6013

#1	127100.	5159.	125400.	2538.	7580.	1011.
#2	125900.	5126.	123300.	2551.	7605.	1019.
#3	125500.	5087.	123800.	2540.	7581.	1007.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2462.	2569.	2497.	2506.	1006.	2505.
Stddev	10.	9.	18.	6.	1.	7.
%RSD	.4078	.3435	.7360	.2252	.1054	.2830

#1	2451.	2568.	2518.	2503.	1005.	2504.
#2	2471.	2578.	2485.	2513.	1007.	2512.
#3	2464.	2560.	2488.	2503.	1006.	2498.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 0:25:50 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1000.	5049.	9904.
Stddev	2.	36.	96.
%RSD	.2209	.7197	.9698

#1	1002.	5089.	10010.
#2	1002.	5017.	9822.
#3	997.9	5041.	9880.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2327.5	33340.	5181.2
Stddev	5.5	215.	29.8
%RSD	.23679	.64556	.57456

#1	2331.5	33094.	5166.4
#2	2321.2	33436.	5215.5
#3	2329.7	33491.	5161.8

Sample Name: CCB Acquired: 10/1/2011 0:29:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.047	-1.775	.5415	.3685	.2460	-6.793
Stddev	9.618	2.904	.6189	.3213	.0924	15.32
%RSD	918.5	163.6	114.3	87.19	37.58	225.5

#1	-6.601	1.564	.2942	.7319	.3318	10.28
#2	10.06	-3.704	1.246	.1223	.2581	-19.33
#3	-6.599	-3.186	.0844	.2512	.1481	-11.33

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0035	-.0936	-.1890	-2.978	-3.136	-12.04
Stddev	.0432	.4536	.3544	7.089	4.223	42.29
%RSD	1251.	484.7	187.5	238.1	134.7	351.2

#1	.0444	.3502	-.0511	-.8482	.0325	-22.56
#2	-.0396	-.5563	.0757	-10.89	-7.930	-48.08
#3	-.0151	-.0747	-.5916	2.803	-1.510	34.51

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 0:29:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.088	.1810	96.24	-.1947	-.7811	1.393
Stddev	2.621	.0693	2.20	.2683	1.793	2.007
%RSD	64.12	38.29	2.283	137.8	229.6	144.1
#1	7.095	.2087	94.39	-.2980	.6469	-.4240
#2	2.878	.2322	95.66	-.3961	-.1962	1.056
#3	2.290	.1021	98.67	.1099	-2.794	3.547

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.977	2.094	.2359	.3545	2.381	4.477
Stddev	3.558	1.150	.4202	.1647	.461	.393
%RSD	180.0	54.89	178.1	46.48	19.35	8.773
#1	3.962	1.202	.7211	.5445	2.859	4.595
#2	-2.131	1.690	-.0096	.2512	2.344	4.796
#3	4.099	3.392	-.0038	.2677	1.940	4.038

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 0:29:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3174	.2336	2.869
Stddev	.2668	.1405	1.400
%RSD	84.05	60.15	48.80

#1	-.2305	.3755	2.086
#2	-.6168	.2308	2.036
#3	-.1049	.0945	4.486

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2522.4	37009.	5302.5
Stddev	7.1	116.	31.6
%RSD	.28180	.31412	.59653

#1	2529.3	37128.	5339.0
#2	2515.1	37005.	5282.7
#3	2522.9	36895.	5285.8

Sample Name: 460-31555-a-2-h@5 Acquired: 10/1/2011 0:33:14 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	181.8	1.419	.2088	89.90	.1775	38520.
Stddev	15.7	1.816	.5238	.50	.1371	18.
%RSD	8.655	127.9	250.8	.5580	77.21	.0467

#1	199.5	1.523	-.2307	89.39	.2404	38530.
#2	169.5	3.181	.7884	90.39	.0203	38500.
#3	176.4	-.4459	.0688	89.93	.2718	38530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.61	1.089	2.463	16.41	1146.	1933.
Stddev	.06	.175	.094	5.43	10.	27.
%RSD	.5432	16.11	3.819	33.10	.8890	1.404

#1	10.55	1.243	2.395	22.32	1135.	1923.
#2	10.62	.8982	2.422	11.63	1147.	1963.
#3	10.66	1.126	2.570	15.29	1155.	1912.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-2-h@5 Acquired: 10/1/2011 0:33:14 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6893.	413.6	F 298300.	14.11	62.42	1.221
Stddev	7.	.5	846.	.41	1.16	2.265
%RSD	.1075	.1160	.2837	2.876	1.866	185.5

#1	6895.	413.8	297700.	13.68	61.93	3.519
#2	6885.	413.0	298000.	14.49	63.75	1.153
#3	6899.	413.8	299300.	14.14	61.58	-1.009

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.882	-.1808	1.009	568.5	45.46	.5615
Stddev	.578	.3080	.132	1.7	.40	.1980
%RSD	30.71	170.3	13.07	.3057	.8768	35.26

#1	1.216	-.3355	1.099	566.5	45.49	.7280
#2	2.185	-.3808	.8576	569.7	45.05	.6140
#3	2.246	.1739	1.070	569.2	45.85	.3425

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-2-h@5 Acquired: 10/1/2011 0:33:14 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5852	165.0	6.253
Stddev	.6458	.2	1.052
%RSD	110.4	.0983	16.82

#1	.7097	165.1	5.835
#2	-.1138	165.1	7.450
#3	1.160	164.8	5.475

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2403.9	34024.	5270.9
Stddev	14.3	28.	4.9
%RSD	.59337	.08109	.09346

#1	2418.6	33992.	5270.1
#2	2402.8	34040.	5276.1
#3	2390.2	34040.	5266.4

Sample Name: 460-31582-a-1-d@5 Acquired: 10/1/2011 0:36:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.29	1.278	.6014	3.161	.1209	4928.
Stddev	13.07	1.413	.2230	.087	.0512	25.
%RSD	24.99	110.5	37.08	2.755	42.34	.5034
#1	60.86	.3357	.3677	3.184	.1780	4916.
#2	37.25	.5963	.6247	3.065	.1054	4912.
#3	58.74	2.903	.8119	3.235	.0792	4957.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0427	-.3045	9.202	-.8661	635.5	47.67
Stddev	.1332	.2525	.276	4.253	9.1	40.38
%RSD	312.2	82.91	3.004	491.1	1.432	84.70
#1	.1572	-.0810	8.918	-2.136	639.0	1.320
#2	.0744	-.5783	9.219	3.878	642.3	75.20
#3	-.1036	-.2542	9.470	-4.340	625.2	66.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-1-d@5 Acquired: 10/1/2011 0:36:59 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	139.8	7.665	234800.	2.541	.7163	-1.202
Stddev	5.6	.052	931.	.297	.5832	2.916
%RSD	3.997	.6787	.3965	11.69	81.42	242.7

#1	134.3	7.716	234000.	2.595	.5941	-3.656
#2	139.7	7.665	234600.	2.807	1.351	-1.972
#3	145.5	7.612	235800.	2.220	.2039	2.022

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2467	.2288	.3951	1203.	163.9	36.57
Stddev	1.249	.3379	.2512	4.	.4	.19
%RSD	506.5	147.7	63.57	.3644	.2689	.5225

#1	.6911	.0047	.6808	1205.	163.9	36.76
#2	-1.164	.0643	.2093	1205.	164.3	36.57
#3	1.213	.6174	.2952	1198.	163.5	36.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-1-d@5 Acquired: 10/1/2011 0:36:59 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	24.47	2.536	-.0887
Stddev	.56	.129	1.704
%RSD	2.281	5.067	1922.

#1	25.08	2.534	-1.697
#2	23.99	2.409	-.2669
#3	24.34	2.666	1.698

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2438.4	34787.	5320.7
Stddev	2.2	82.	25.4
%RSD	.08833	.23430	.47775

#1	2438.4	34842.	5327.1
#2	2440.6	34694.	5342.3
#3	2436.3	34827.	5292.6

Sample Name: 460-31582-a-2-c@5 Acquired: 10/1/2011 0:40:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2606.	-.1189	.7306	142.1	.3790	8008.
Stddev	24.	2.542	.9688	.8	.0655	77.
%RSD	.9105	2137.	132.6	.5503	17.28	.9636

#1	2633.	1.093	-.3732	142.3	.3088	8066.
#2	2596.	1.590	1.440	142.8	.4385	8037.
#3	2589.	-3.040	1.125	141.2	.3898	7920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	589.0	1.345	8.309	.3936	5026.	407.5
Stddev	2.7	.158	.439	3.676	51.	27.0
%RSD	.4610	11.71	5.283	933.9	1.006	6.622

#1	589.5	1.241	8.801	-.5893	5083.	377.9
#2	591.5	1.527	8.168	-2.691	5011.	413.7
#3	586.1	1.268	7.958	4.461	4985.	430.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-2-c@5 Acquired: 10/1/2011 0:40:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	741.1	74.27	F 250500.	14.37	9.441	2.271
Stddev	8.6	.47	1792.	.38	.865	1.131
%RSD	1.163	.6316	.7154	2.645	9.159	49.79

#1	750.6	74.63	252400.	14.12	8.539	2.966
#2	733.9	74.43	250100.	14.81	9.523	2.882
#3	738.7	73.74	248900.	14.19	10.26	.9663

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5076	1.862	.8681	3180.	19.84	2.800
Stddev	4.361	1.925	.1252	18.	.74	.169
%RSD	859.3	103.4	14.42	.5517	3.721	6.024

#1	.2827	3.313	1.013	3185.	20.08	2.637
#2	-3.737	-.3220	.7908	3195.	20.42	2.788
#3	4.977	2.596	.8010	3161.	19.01	2.974

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-2-c@5 Acquired: 10/1/2011 0:40:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2816	20.76	.5621
Stddev	.2887	.10	1.712
%RSD	102.5	.4769	304.6

#1	.3083	20.87	.5842
#2	-.0195	20.72	-1.161
#3	.5561	20.68	2.263

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2447.4	34745.	5283.1
Stddev	3.7	138.	39.1
%RSD	.15293	.39701	.73979

#1	2451.0	34586.	5256.7
#2	2443.5	34841.	5264.5
#3	2447.9	34806.	5328.0

Sample Name: 460-31628-a-1-c@5 Acquired: 10/1/2011 0:44:34 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	313.7	1.151	1.173	75.14	.0219	141900.
Stddev	15.1	2.463	.173	.25	.0717	468.
%RSD	4.820	213.9	14.78	.3292	327.0	.3298

#1	296.7	-1.490	1.253	75.11	-.0508	142300.
#2	318.9	1.560	.9745	75.40	.0926	141900.
#3	325.5	3.384	1.293	74.91	.0240	141400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0764	1.280	259.4	-.2836	288.6	1746.
Stddev	.0352	.144	.8	1.720	1.6	64.
%RSD	46.15	11.27	.2962	606.4	.5517	3.668

#1	.0812	1.121	259.9	-1.055	289.4	1673.
#2	.0390	1.403	259.8	-1.483	289.7	1793.
#3	.1090	1.317	258.5	1.687	286.8	1772.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-1-c@5 Acquired: 10/1/2011 0:44:34 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36160.	81.22	F 279600.	47.43	2.868	2.002
Stddev	189.	.45	642.	.36	.586	1.719
%RSD	.5226	.5522	.2296	.7608	20.41	85.89

#1	36350.	81.73	280100.	47.06	3.520	.9474
#2	36150.	81.04	279700.	47.44	2.696	1.072
#3	35970.	80.89	278900.	47.78	2.387	3.986

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.350	2.051	7.932	3.923	19.37	-.3291
Stddev	2.551	2.327	.577	.095	.69	.1181
%RSD	189.0	113.4	7.272	2.410	3.540	35.90

#1	-2.508	4.375	8.533	4.002	19.31	-.4598
#2	1.575	-.2792	7.878	3.949	20.09	-.2301
#3	-3.116	2.058	7.383	3.818	18.72	-.2973

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-1-c@5 Acquired: 10/1/2011 0:44:34 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0918	216.1	27.50
Stddev	.0995	.6	1.73
%RSD	108.4	.2553	6.307

#1	-.1449	216.7	26.77
#2	-.1535	216.0	26.24
#3	.0230	215.6	29.48

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2362.0	33511.	5210.1
Stddev	5.4	123.	9.6
%RSD	.22801	.36558	.18508

#1	2368.1	33389.	5200.1
#2	2359.7	33634.	5211.0
#3	2358.2	33511.	5219.3

Sample Name: 460-31628-a-2-c@5 Acquired: 10/1/2011 0:48:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	105.5	-1.327	.5064	116.4	.2252	113400.
Stddev	12.6	1.617	.4291	.4	.0355	117.
%RSD	11.94	121.8	84.74	.3725	15.77	.1035
#1	119.7	-3.079	.9771	116.6	.1999	113500.
#2	101.3	.1076	.4049	116.6	.2657	113300.
#3	95.58	-1.010	.1371	115.9	.2098	113300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3301	9.935	30.67	-1.655	795.1	2255.
Stddev	.1607	.155	.60	2.971	11.3	61.
%RSD	48.67	1.555	1.950	179.5	1.425	2.696
#1	.4908	9.977	30.05	-2.930	783.4	2298.
#2	.3301	9.763	30.73	-3.775	796.0	2282.
#3	.1694	10.06	31.24	1.741	806.0	2186.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-2-c@5 Acquired: 10/1/2011 0:48:21 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9861.	698.9	F 271800.	51.07	11.48	.4693
Stddev	4.	1.3	596.	.24	1.30	1.128
%RSD	.0396	.1817	.2193	.4698	11.33	240.4

#1	9866.	698.4	272500.	51.10	12.70	1.584
#2	9858.	697.9	271600.	50.81	11.63	.4950
#3	9860.	700.3	271400.	51.29	10.11	-.6714

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4314	1.072	.9959	73.99	19.14	.1381
Stddev	3.996	1.328	.4138	.11	.32	.2711
%RSD	926.3	123.9	41.55	.1509	1.691	196.3

#1	-3.972	.3099	.8565	74.03	19.47	-.1686
#2	1.438	2.605	.6698	73.87	18.82	.2372
#3	3.828	.2997	1.461	74.08	19.13	.3458

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-2-c@5 Acquired: 10/1/2011 0:48:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2063	287.3	13.73
Stddev	.3936	.4	2.35
%RSD	190.8	.1227	17.14

#1	.2958	287.7	16.19
#2	.5475	287.4	13.50
#3	-.2243	287.0	11.50

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2379.2	33714.	5249.9
Stddev	5.2	143.	12.1
%RSD	.21929	.42404	.23100

#1	2385.0	33837.	5239.3
#2	2377.8	33748.	5247.3
#3	2374.9	33557.	5263.1

Sample Name: 460-31628-a-3-c@5 Acquired: 10/1/2011 0:52:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	203.7	8.122	.3320	266.0	.2104	45810.
Stddev	12.2	.478	.9562	.2	.0567	135.
%RSD	5.988	5.881	288.0	.0923	26.93	.2949

#1	215.0	8.673	1.368	265.9	.1454	45810.
#2	205.3	7.851	-.5168	266.2	.2371	45950.
#3	190.8	7.841	.1449	265.7	.2489	45680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1123	10.65	11.96	-1.699	20430.	2280.
Stddev	.0162	.31	.39	4.657	17.	48.
%RSD	14.42	2.921	3.219	274.1	.0843	2.126

#1	-.1039	10.33	11.53	3.658	20440.	2317.
#2	-.1021	10.95	12.26	-4.791	20440.	2299.
#3	-.1310	10.68	12.10	-3.965	20410.	2225.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-3-c@5 Acquired: 10/1/2011 0:52:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2827.	1182.	F 287900.	21.42	415.4	.2321
Stddev	10.	1.	651.	.38	2.5	2.049
%RSD	.3474	.1185	.2260	1.779	.5904	882.8
#1	2819.	1181.	287200.	21.27	417.3	-1.710
#2	2823.	1184.	288500.	21.85	416.2	.0324
#3	2838.	1182.	288100.	21.14	412.6	2.374
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.224	-.5380	.1753	1181.	26.01	1.076
Stddev	2.614	.8471	.4400	3.	.18	.137
%RSD	117.6	157.4	251.0	.2322	.7059	12.73
#1	4.851	.1627	.4792	1179.	26.02	1.138
#2	-.3767	-.2974	-.3293	1184.	26.19	.9189
#3	2.197	-1.479	.3760	1180.	25.82	1.171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-3-c@5 Acquired: 10/1/2011 0:52:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3474	137.1	-.0704
Stddev	.5249	.6	.7488
%RSD	151.1	.4094	1063.

#1	.7601	136.9	-.8766
#2	.5255	137.7	.6032
#3	-.2433	136.6	.0621

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2416.3	34157.	5249.2
Stddev	2.2	36.	5.5
%RSD	.09116	.10523	.10573

#1	2418.6	34171.	5255.2
#2	2415.9	34184.	5248.1
#3	2414.3	34116.	5244.3

Sample Name: 460-31628-a-4-c@5 Acquired: 10/1/2011 0:55:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	712.4	-8017	.7827	56.74	.1576	105800.
Stddev	8.6	.6404	1.490	.05	.0672	894.
%RSD	1.201	79.87	190.4	.0892	42.63	.8449

#1	720.3	-.0788	.8265	56.78	.0856	104900.
#2	703.3	-1.298	2.250	56.75	.2185	105700.
#3	713.7	-1.029	-.7286	56.68	.1687	106700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1366	3.667	181.8	3.100	1044.	2198.
Stddev	.1286	.077	.6	.828	10.	33.
%RSD	94.14	2.097	.3497	26.70	.9957	1.513

#1	.0578	3.666	181.4	4.014	1035.	2196.
#2	.2850	3.591	181.5	2.402	1041.	2232.
#3	.0671	3.745	182.6	2.883	1055.	2166.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-4-c@5 Acquired: 10/1/2011 0:55:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34510.	66.88	F 253800.	69.19	17.36	-.8198
Stddev	48.	.18	2418.	.62	1.31	.8823
%RSD	.1404	.2652	.9527	.9013	7.560	107.6
#1	34470.	67.05	251700.	68.50	16.58	-.1691
#2	34500.	66.70	253100.	69.71	16.61	-.4663
#3	34560.	66.89	256400.	69.37	18.87	-1.824
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6825	.6474	21.30	23.68	14.14	-.4247
Stddev	1.008	1.250	.25	.14	.54	.1584
%RSD	147.7	193.1	1.189	.5778	3.807	37.31
#1	.5811	-.6299	21.01	23.67	14.77	-.3546
#2	-.2713	1.868	21.44	23.82	13.81	-.6060
#3	1.738	.7041	21.46	23.55	13.85	-.3133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-4-c@5 Acquired: 10/1/2011 0:55:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8931	143.6	46.00
Stddev	.7545	1.3	3.52
%RSD	84.48	.9076	7.660

#1	1.521	142.5	42.06
#2	.0560	143.4	47.11
#3	1.103	145.0	48.84

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2375.9	33913.	5206.2
Stddev	7.8	122.	51.2
%RSD	.32697	.35832	.98414

#1	2384.4	34025.	5249.5
#2	2374.3	33931.	5219.3
#3	2369.1	33784.	5149.6

Sample Name: 460-31628-a-5-c@5 Acquired: 10/1/2011 0:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	203.5	.7741	.2054	111.2	.2529	21070.
Stddev	5.1	.4793	.4861	.5	.0609	163.
%RSD	2.518	61.92	236.6	.4734	24.08	.7734

#1	202.4	.2667	.3641	111.8	.2562	21250.
#2	209.1	.8363	-.3402	111.2	.3121	20930.
#3	199.0	1.219	.5923	110.7	.1905	21030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3438	9.132	84.56	4.686	2662.	709.5
Stddev	.0350	.254	.90	2.482	15.	42.0
%RSD	10.19	2.785	1.063	52.96	.5483	5.924

#1	.3781	9.100	85.28	6.999	2679.	724.2
#2	.3454	9.402	84.84	4.993	2653.	662.1
#3	.3080	8.896	83.55	2.065	2655.	742.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-5-c@5 Acquired: 10/1/2011 0:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3260.	405.1	F 270800.	35.01	75.03	2.417
Stddev	12.	.9	1206.	.70	.52	1.582
%RSD	.3578	.2125	.4454	2.005	.6995	65.45
#1	3259.	405.8	272200.	35.69	75.40	3.460
#2	3272.	405.5	270000.	35.07	74.43	3.193
#3	3248.	404.2	270200.	34.28	75.26	.5967
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.169	-.1294	.7246	109.3	16.98	-.3036
Stddev	1.725	2.318	.3450	.6	.77	.1968
%RSD	79.53	1791.	47.61	.5147	4.518	64.81
#1	.4654	1.340	.8997	109.9	17.82	-.3629
#2	2.127	1.073	.3271	109.3	16.81	-.4639
#3	3.914	-2.801	.9469	108.8	16.32	-.0840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-5-c@5 Acquired: 10/1/2011 0:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1581	47.16	3.393
Stddev	.2164	.42	2.033
%RSD	136.8	.8866	59.92

#1	.1650	47.63	4.476
#2	.3710	46.83	1.048
#3	-.0616	47.02	4.654

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2421.0	34279.	5246.0
Stddev	1.9	106.	35.9
%RSD	.07689	.31012	.68353

#1	2421.7	34214.	5206.6
#2	2422.4	34221.	5276.8
#3	2418.9	34401.	5254.4

Sample Name: 460-31628-a-6-e@5 Acquired: 10/1/2011 1:03:21 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	248.1	1.747	.2441	127.7	.3340	40040.
Stddev	13.9	2.491	.3362	.4	.0806	276.
%RSD	5.587	142.6	137.7	.3272	24.13	.6903

#1	249.5	4.440	-.1316	128.0	.3835	40350.
#2	233.7	-.4758	.3469	128.0	.2410	39960.
#3	261.3	1.277	.5168	127.2	.3776	39820.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1045	23.25	49.87	-.5792	1462.	990.5
Stddev	.0750	.25	.71	4.592	14.	20.1
%RSD	71.79	1.064	1.429	792.9	.9643	2.032

#1	.1455	23.53	50.69	-1.706	1466.	984.8
#2	.1501	23.06	49.44	-4.503	1475.	973.8
#3	.0179	23.15	49.48	4.472	1447.	1013.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-6-e@5 Acquired: 10/1/2011 1:03:21 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9361.	1018.	F 282100.	102.6	7.608	.8711
Stddev	22.	4.	1627.	.3	.543	2.770
%RSD	.2360	.4362	.5768	.2667	7.134	318.0

#1	9351.	1018.	284000.	102.6	7.796	-1.655
#2	9386.	1023.	281000.	102.9	6.997	3.833
#3	9345.	1014.	281400.	102.3	8.033	.4349

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.628	2.574	.3050	71.20	15.34	-.2778
Stddev	1.583	.986	.7440	.39	.98	.0643
%RSD	97.27	38.31	244.0	.5477	6.413	23.14

#1	2.708	3.409	-.5375	71.49	14.24	-.2504
#2	-.1897	2.827	.8720	70.76	15.64	-.2317
#3	2.365	1.486	.5804	71.36	16.14	-.3513

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-6-e@5 Acquired: 10/1/2011 1:03:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-7199	68.72	6.520
Stddev	.4914	.71	.593
%RSD	68.26	1.040	9.092

#1	-9418	69.55	6.851
#2	-1567	68.32	6.874
#3	-1.061	68.30	5.836

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2412.3	34146.	5253.7
Stddev	7.7	196.	43.1
%RSD	.31965	.57259	.81974

#1	2416.5	34209.	5204.8
#2	2416.9	33927.	5286.1
#3	2403.4	34303.	5270.1

Sample Name: 460-31628-a-7-c@5 Acquired: 10/1/2011 1:07:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	170.7	1.890	.0202	88.73	.2590	9398.
Stddev	6.4	.216	.7725	.40	.1397	70.
%RSD	3.778	11.43	3821.	.4500	53.93	.7395

#1	174.5	1.922	.7792	89.14	.1901	9465.
#2	163.2	2.089	-.7652	88.70	.4198	9326.
#3	174.3	1.660	.0466	88.34	.1672	9404.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0774	6.749	3.058	1.295	597.9	1230.
Stddev	.0122	.110	.513	1.341	10.8	84.
%RSD	15.81	1.629	16.79	103.5	1.812	6.799

#1	.0633	6.874	3.021	-.0938	610.3	1141.
#2	.0856	6.669	2.564	2.582	590.2	1240.
#3	.0831	6.703	3.589	1.398	593.3	1308.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-7-c@5 Acquired: 10/1/2011 1:07:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1810.	509.7	F 279600.	5.017	2.407	-1.524
Stddev	9.	2.5	858.	.114	.249	.794
%RSD	.5143	.4873	.3066	2.267	10.33	52.09

#1	1817.	512.1	280600.	5.107	2.242	-2.017
#2	1814.	509.8	279000.	4.889	2.693	-1.945
#3	1799.	507.1	279300.	5.054	2.287	-.6081

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.905	.9596	.7056	46.79	28.44	-.1609
Stddev	.344	2.178	.4496	.47	.82	.2273
%RSD	11.85	227.0	63.72	1.011	2.868	141.2

#1	3.274	.0173	.2550	47.27	28.56	.0930
#2	2.593	3.450	.7077	46.78	29.18	-.2307
#3	2.848	-.5888	1.154	46.33	27.56	-.3452

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-7-c@5 Acquired: 10/1/2011 1:07:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1781	46.77	1.504
Stddev	1.246	.43	1.337
%RSD	699.3	.9132	88.92

#1	-.0428	47.18	-.0296
#2	1.520	46.32	2.427
#3	-.9424	46.81	2.113

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2416.2	34223.	5254.7
Stddev	6.4	11.	11.4
%RSD	.26604	.03299	.21748

#1	2420.9	34235.	5241.5
#2	2418.8	34214.	5260.7
#3	2408.9	34218.	5261.8

Sample Name: CCV Acquired: 10/1/2011 1:10:56 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2492.	1241.	10090.	998.5	127500.
Stddev	777.	4.	1.	8.	4.8	503.
%RSD	.6156	.1575	.1202	.0758	.4837	.3948

#1	127200.	2487.	1242.	10080.	1004.	128000.
#2	125900.	2494.	1239.	10100.	994.4	127100.
#3	125800.	2494.	1241.	10080.	997.2	127300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1267.	2503.	5038.	12540.	100400.	50120.
Stddev	1.	5.	19.	47.	386.	225.
%RSD	.1077	.2037	.3723	.3718	.3845	.4498

#1	1266.	2505.	5059.	12600.	100800.	50360.
#2	1268.	2506.	5024.	12510.	100100.	50070.
#3	1266.	2497.	5030.	12520.	100200.	49920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:10:56 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125600.	5094.	125100.	2537.	7574.	1010.
Stddev	393.	10.	615.	3.	13.	5.
%RSD	.3126	.1918	.4918	.1286	.1653	.5039

#1	125900.	5105.	125800.	2539.	7575.	1016.
#2	125200.	5086.	124800.	2539.	7586.	1008.
#3	125700.	5092.	124700.	2533.	7561.	1006.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2452.	2552.	2487.	2507.	1006.	2504.
Stddev	3.	13.	10.	4.	1.	7.
%RSD	.1121	.5044	.4006	.1526	.1279	.2820

#1	2453.	2560.	2498.	2508.	1006.	2507.
#2	2449.	2558.	2479.	2510.	1008.	2509.
#3	2454.	2537.	2485.	2502.	1005.	2496.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:10:56 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	998.0	5060.	9953.
Stddev	2.4	21.	41.
%RSD	.2387	.4222	.4111

#1	999.9	5084.	10000.
#2	998.7	5042.	9934.
#3	995.3	5054.	9926.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2330.4	33551.	5161.0
Stddev	4.8	60.	32.3
%RSD	.20444	.17859	.62544

#1	2335.6	33546.	5124.1
#2	2329.5	33614.	5183.7
#3	2326.2	33494.	5175.4

Sample Name: CCB Acquired: 10/1/2011 1:14:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.38	-2.097	.2147	.3841	.0294	-3.854
Stddev	7.73	1.772	1.050	.1783	.1210	8.625
%RSD	74.47	84.53	489.3	46.42	411.0	223.8

#1	6.255	-3.925	1.381	.5717	.0937	5.930
#2	5.591	-1.979	-.0805	.3636	-.1101	-10.36
#3	19.30	-.3858	-.6563	.2169	.1048	-7.133

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0311	-.2198	-.3103	2.232	-2.501	-28.42
Stddev	.0552	.1046	.2641	1.193	4.156	11.13
%RSD	177.4	47.58	85.11	53.48	166.1	39.18

#1	.0546	-.1327	-.0073	3.177	2.041	-41.15
#2	.0707	-.1909	-.4914	2.627	-6.113	-23.62
#3	-.0320	-.3357	-.4321	.8905	-3.431	-20.49

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:14:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2022	.1933	97.82	-.3082	-1.604	2.819
Stddev	1.887	.1842	21.55	.1347	.835	.535
%RSD	933.5	95.31	22.03	43.72	52.03	18.98
#1	2.128	.3839	95.77	-.3536	-.6528	2.538
#2	.1229	.1797	120.3	-.4144	-2.213	3.436
#3	-1.644	.0162	77.37	-.1566	-1.947	2.482

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7400	.6841	-.2742	.3131	1.505	4.616
Stddev	2.267	1.460	.2721	.1726	.612	.473
%RSD	306.3	213.4	99.25	55.14	40.68	10.25
#1	3.036	1.839	-.5750	.1337	2.196	5.071
#2	-1.496	1.169	-.0451	.4781	1.031	4.650
#3	.6801	-.9565	-.2025	.3273	1.288	4.126

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:14:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0617	.1580	1.619
Stddev	.8713	.1415	2.347
%RSD	1411.	89.58	145.0

#1	-.4108	.3173	-.8848
#2	-.4712	.1098	1.972
#3	1.067	.0468	3.769

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2517.7	36988.	5257.9
Stddev	5.8	81.	26.4
%RSD	.22869	.21953	.50179

#1	2511.2	36966.	5228.9
#2	2522.3	37078.	5280.4
#3	2519.6	36920.	5264.5

Sample Name: 460-31647-a-1-d@5 Acquired: 10/1/2011 1:18:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116.1	.8470	.1437	68.06	-.0807	68060.
Stddev	9.4	.9393	.0986	.13	.0383	191.
%RSD	8.056	110.9	68.63	.1956	47.51	.2803

#1	105.3	1.682	.2479	68.07	-.1227	68260.
#2	121.1	-.1698	.1312	68.18	-.0477	68060.
#3	121.8	1.029	.0519	67.92	-.0717	67880.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4061	.3502	.8980	-3.674	103.5	566.7
Stddev	.1796	.1049	.3458	1.623	10.3	12.4
%RSD	44.22	29.95	38.51	44.18	9.962	2.195

#1	.2640	.3159	.5913	-1.859	103.3	579.5
#2	.3464	.2667	1.273	-4.987	114.0	565.7
#3	.6079	.4679	.8299	-4.176	93.37	554.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-1-d@5 Acquired: 10/1/2011 1:18:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2405.	2282.	F 265500.	10.58	-.1914	.6579
Stddev	2.	1.	231.	.07	2.324	2.579
%RSD	.0651	.0265	.0869	.7079	1214.	392.0

#1	2407.	2282.	265700.	10.49	2.302	-2.278
#2	2404.	2283.	265500.	10.63	-.5796	2.557
#3	2404.	2281.	265200.	10.61	-2.296	1.694

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.557	.6486	.9429	116.7	195.1	.4403
Stddev	2.381	2.833	.4538	.2	.4	.3357
%RSD	152.9	436.8	48.12	.2115	.2193	76.26

#1	-.8921	-2.114	1.273	116.7	195.1	.4637
#2	1.699	3.547	1.130	117.0	195.6	.0934
#3	3.863	.5125	.4255	116.5	194.7	.7637

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-1-d@5 Acquired: 10/1/2011 1:18:19 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5429	114.5	8.625
Stddev	.7858	.2	3.142
%RSD	144.7	.1955	36.42

#1	-.3368	114.7	10.32
#2	.7903	114.6	5.000
#3	1.175	114.3	10.56

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2391.4	33999.	5222.8
Stddev	7.6	67.	8.7
%RSD	.31904	.19765	.16718

#1	2398.4	34076.	5213.4
#2	2392.6	33948.	5230.6
#3	2383.3	33975.	5224.4

Sample Name: 460-31647-a-2-d@5 Acquired: 10/1/2011 1:22:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	206.3	.2711	-.0452	93.84	.1177	55120.
Stddev	5.8	.3312	.9562	.52	.0912	440.
%RSD	2.833	122.2	2114.	.5554	77.51	.7973

#1	199.8	.0716	.5982	93.99	.0707	55560.
#2	208.3	.0883	.4101	94.27	.2229	55120.
#3	211.0	.6533	-1.144	93.26	.0596	54680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2229	-.3466	.5555	.0686	232.1	634.1
Stddev	.0274	.1678	.3185	1.988	4.0	81.3
%RSD	12.31	48.41	57.33	2899.	1.732	12.83

#1	.2523	-.1546	.8605	.9991	235.5	672.6
#2	.1980	-.4197	.5810	-2.214	227.7	540.6
#3	.2182	-.4653	.2251	1.421	233.3	689.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-2-d@5 Acquired: 10/1/2011 1:22:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1993.	2234.	237200.	9.052	-.8904	.6231
Stddev	3.	7.	1584.	.222	.2092	.6848
%RSD	.1509	.3115	.6679	2.454	23.50	109.9

#1	1994.	2242.	239000.	8.874	-1.123	-.1614
#2	1995.	2232.	236400.	9.301	-.7181	.9291
#3	1989.	2229.	236200.	8.982	-.8298	1.102

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.233	-.3591	.8058	120.3	57.72	-.1580
Stddev	1.141	2.454	.4059	.9	.52	.2054
%RSD	92.53	683.3	50.38	.7458	.9084	130.0

#1	.9893	-.2910	.4142	121.0	58.07	-.3434
#2	.2338	-2.846	.7785	120.7	57.96	-.1933
#3	2.477	2.060	1.225	119.3	57.11	.0628

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-2-d@5 Acquired: 10/1/2011 1:22:05 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3050	181.0	10.67
Stddev	.7486	1.2	1.37
%RSD	245.4	.6392	12.80

#1	1.041	182.0	9.670
#2	-.4552	181.1	10.11
#3	.3288	179.7	12.23

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2405.4	34093.	5177.9
Stddev	6.0	57.	43.5
%RSD	.25016	.16617	.83929

#1	2411.1	34040.	5127.9
#2	2405.8	34086.	5199.6
#3	2399.1	34153.	5206.3

Sample Name: 460-31649-a-1-d@5 Acquired: 10/1/2011 1:25:52 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	105.4	-1.424	.0315	26.61	-.0588	4535.
Stddev	17.4	2.039	.3109	.18	.1097	22.
%RSD	16.46	143.2	988.4	.6832	186.6	.4784
#1	124.6	-2.740	.1230	26.40	-.1778	4535.
#2	100.9	.9246	-.3150	26.73	.0383	4556.
#3	90.80	-2.458	.2863	26.70	-.0368	4513.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0474	-.3284	-.4243	-2.464	194.5	511.7
Stddev	.0271	.0189	.4824	3.267	1.9	60.8
%RSD	57.16	5.760	113.7	132.6	.9980	11.89
#1	.0547	-.3427	.0726	1.156	192.4	466.8
#2	.0174	-.3356	-.4548	-3.355	196.3	580.9
#3	.0702	-.3069	-.8908	-5.194	194.8	487.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31649-a-1-d@5 Acquired: 10/1/2011 1:25:52 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	677.0	53.42	246700.	4.640	-.4748	-.8197
Stddev	4.9	.03	718.	.238	1.029	.4212
%RSD	.7182	.0604	.2910	5.123	216.7	51.39
#1	674.8	53.43	245900.	4.512	.4719	-.6557
#2	682.6	53.45	246800.	4.915	-.3265	-.5051
#3	673.7	53.39	247300.	4.495	-1.570	-1.298

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1110	2.333	.1873	25.99	35.55	.0887
Stddev	1.189	.927	.2292	.27	1.04	.1059
%RSD	1071.	39.75	122.4	1.034	2.937	119.4
#1	.5586	1.290	.3586	25.71	36.76	.1592
#2	.5919	3.066	.2764	26.03	34.96	-.0331
#3	-1.484	2.642	-.0731	26.24	34.94	.1399

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31649-a-1-d@5 Acquired: 10/1/2011 1:25:52 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4593	49.13	1.971
Stddev	.8906	.28	1.353
%RSD	193.9	.5692	68.65

#1	.1336	49.05	1.442
#2	-1.483	48.89	3.508
#3	-.0282	49.44	.9623

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2412.0	34272.	5168.6
Stddev	1.7	58.	14.1
%RSD	.07159	.17023	.27328

#1	2412.2	34246.	5182.8
#2	2410.2	34339.	5154.5
#3	2413.6	34231.	5168.5

Sample Name: lb 460-87338/1-d@5 Acquired: 10/1/2011 1:29:42 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.34	.0630	.1626	.9339	.0077	.6905
Stddev	4.95	1.340	.8095	.1552	.1414	3.955
%RSD	37.13	2128.	497.8	16.62	1842.	572.8

#1	7.680	-1.360	1.002	.9499	.1527	5.179
#2	16.89	.2497	.0998	.7713	.0002	-.8220
#3	15.45	1.300	-.6137	1.080	-.1298	-2.285

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0286	-.5541	-.1136	.3630	-5.534	-27.74
Stddev	.0766	.2288	.3751	1.033	3.371	50.37
%RSD	267.5	41.30	330.1	284.7	60.92	181.5

#1	.0570	-.3647	.0118	-.4676	-4.705	5.449
#2	.0870	-.4892	.1827	1.520	-9.242	-2.985
#3	-.0581	-.8084	-.5354	.0364	-2.654	-85.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87338/1-d@5 Acquired: 10/1/2011 1:29:42 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.520	.1138	F 259200.	1.797	-.6376	-1.996
Stddev	3.638	.0476	223.	.307	1.646	1.058
%RSD	239.3	41.88	.0861	17.09	258.1	53.03

#1	-3.601	.1688	259200.	2.137	-1.727	-2.584
#2	-3.639	.0856	259000.	1.539	1.256	-.7740
#3	2.680	.0870	259500.	1.716	-1.441	-2.629

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5696	.6272	.3616	1.690	1.983	.0833
Stddev	.9428	1.936	.4417	.149	.443	.0785
%RSD	165.5	308.7	122.2	8.837	22.34	94.18

#1	.5179	-1.607	.5645	1.626	2.289	.1200
#2	-1.071	1.817	-.1451	1.583	2.185	-.0068
#3	-1.155	1.671	.6654	1.861	1.475	.1368

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87338/1-d@5 Acquired: 10/1/2011 1:29:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0556	.1473	-.9482
Stddev	1.036	.1279	1.269
%RSD	1863.	86.80	133.9

#1	.8386	.0982	-1.379
#2	-1.192	.2925	.4805
#3	.1860	.0513	-1.946

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2408.9	34237.	5218.4
Stddev	10.9	144.	25.6
%RSD	.45140	.42085	.49035

#1	2419.2	34283.	5221.7
#2	2409.9	34353.	5242.2
#3	2397.5	34076.	5191.3

Sample Name: lb 460-87465/1-h@5 Acquired: 10/1/2011 1:33:33 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.88	-.7669	.9854	1.128	.1776	16.65
Stddev	11.60	3.961	.5737	.150	.0650	5.63
%RSD	106.7	516.5	58.21	13.27	36.63	33.79

#1	23.04	3.531	1.645	.9549	.1691	15.90
#2	9.643	-4.269	.7072	1.215	.1172	22.61
#3	-.0596	-1.563	.6039	1.214	.2464	11.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0784	-.3906	.1295	1.321	1.884	-22.21
Stddev	.0730	.2235	.4353	2.338	3.869	78.86
%RSD	93.02	57.22	336.1	176.9	205.3	355.0

#1	.0474	-.4449	-.3406	-.2173	6.326	-85.57
#2	.1618	-.1449	.5188	4.012	-.7449	66.11
#3	.0261	-.5819	.2103	.1696	.0707	-47.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87465/1-h@5 Acquired: 10/1/2011 1:33:33 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.904	.4383	F 253300.	1.682	-.2380	-1.210
Stddev	1.127	.0196	749.	.327	.9288	.641
%RSD	22.99	4.467	.2956	19.46	390.3	52.93

#1	4.597	.4306	254100.	1.496	.0782	-1.941
#2	6.153	.4237	253100.	2.059	-1.284	-.9456
#3	3.962	.4605	252600.	1.489	.4915	-.7446

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7605	4.607	.1245	1.608	1.509	.1262
Stddev	.6461	1.627	.1689	.034	.704	.2168
%RSD	84.96	35.31	135.7	2.137	46.67	171.8

#1	.2723	4.699	.1804	1.598	1.235	.1673
#2	.5161	6.186	.2582	1.580	.9831	.3195
#3	1.493	2.937	-.0653	1.646	2.309	-.1082

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87465/1-h@5 Acquired: 10/1/2011 1:33:33 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1387	.0693	-1.365
Stddev	.5052	.0348	.952
%RSD	364.2	50.19	69.70

#1	.0933	.0944	-.4806
#2	.6652	.0296	-1.243
#3	-.3422	.0838	-2.372

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2411.4	34249.	5219.9
Stddev	6.0	169.	15.3
%RSD	.24797	.49305	.29306

#1	2414.0	34436.	5204.1
#2	2415.6	34109.	5221.1
#3	2404.6	34201.	5234.6

Sample Name: lb 460-87607/1-g@5 Acquired: 10/1/2011 1:37:26 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.85	.0884	.8850	1.424	.1458	34.78
Stddev	4.52	.7324	.9648	.101	.0385	27.93
%RSD	30.46	828.1	109.0	7.060	26.38	80.31

#1	12.43	.1220	1.980	1.330	.1773	7.558
#2	12.04	-.6602	.1603	1.530	.1571	63.37
#3	20.06	.8035	.5146	1.412	.1029	33.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1078	-.5981	2.052	-2.595	-1.564	33.99
Stddev	.1223	.1186	.449	4.236	16.43	24.42
%RSD	113.5	19.83	21.89	163.2	1050.	71.83

#1	.1047	-.4878	2.271	-6.340	15.83	49.44
#2	.2316	-.7236	2.351	2.002	-16.82	5.842
#3	-.0130	-.5830	1.536	-3.449	-3.699	46.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87607/1-g@5 Acquired: 10/1/2011 1:37:26 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.51	.7830	F 308200.	1.300	-.4266	-1.157
Stddev	2.26	.0365	2750.	.104	.9005	1.828
%RSD	16.74	4.660	.8922	7.977	211.1	158.0

#1	11.10	.7985	311300.	1.192	.1848	.7010
#2	15.59	.7413	306000.	1.398	-.0039	-2.953
#3	13.84	.8092	307200.	1.311	-1.461	-1.219

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4140	-1.766	.4287	1.839	3.154	-.0569
Stddev	2.668	.994	.3675	.194	.239	.1619
%RSD	644.5	56.29	85.72	10.57	7.595	284.6

#1	-2.292	-2.798	.0348	1.727	2.880	-.2422
#2	2.640	-1.684	.4889	2.063	3.327	.0153
#3	-1.590	-.8155	.7625	1.726	3.254	.0564

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87607/1-g@5 Acquired: 10/1/2011 1:37:26 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1954	.1193	-.8015
Stddev	.3736	.0977	1.205
%RSD	191.2	81.90	150.4

#1	-.4738	.0244	-1.101
#2	-.3417	.2196	-1.829
#3	.2292	.1140	.5254

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2406.9	34170.	5183.2
Stddev	4.4	127.	26.7
%RSD	.18133	.37199	.51516

#1	2403.2	34112.	5152.4
#2	2411.7	34081.	5197.5
#3	2405.7	34315.	5199.7

Sample Name: CCV Acquired: 10/1/2011 1:41:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127300.	2502.	1242.	10110.	1004.	127900.
Stddev	67.	4.	2.	11.	3.	384.
%RSD	.0524	.1506	.1807	.1132	.3028	.3004

#1	127400.	2506.	1244.	10100.	1007.	128400.
#2	127200.	2500.	1240.	10130.	1003.	127800.
#3	127300.	2500.	1243.	10110.	1001.	127600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1270.	2511.	5040.	12620.	100400.	50750.
Stddev	1.	3.	11.	33.	241.	147.
%RSD	.1025	.1380	.2203	.2619	.2397	.2900

#1	1269.	2508.	5051.	12660.	100600.	50660.
#2	1272.	2514.	5029.	12620.	100100.	50670.
#3	1271.	2512.	5041.	12590.	100400.	50920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:41:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125800.	5107.	126300.	2545.	7604.	1012.
Stddev	185.	4.	211.	4.	3.	2.
%RSD	.1470	.0854	.1667	.1403	.0398	.1630

#1	126000.	5112.	126300.	2541.	7601.	1014.
#2	125700.	5104.	126100.	2546.	7607.	1011.
#3	125800.	5105.	126600.	2548.	7603.	1010.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2472.	2548.	2489.	2517.	1011.	2513.
Stddev	5.	5.	7.	3.	2.	3.
%RSD	.1917	.1965	.2924	.1102	.2409	.1387

#1	2477.	2553.	2494.	2514.	1008.	2511.
#2	2469.	2548.	2480.	2519.	1012.	2517.
#3	2469.	2543.	2492.	2517.	1013.	2510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:41:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1003.	5083.	10040.
Stddev	3.	18.	19.
%RSD	.2769	.3622	.1937

#1	1001.	5102.	10060.
#2	1006.	5080.	10040.
#3	1003.	5065.	10020.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2331.7	33656.	5147.6
Stddev	3.6	23.	5.5
%RSD	.15454	.06702	.10699

#1	2335.7	33633.	5146.4
#2	2330.5	33677.	5153.6
#3	2328.8	33659.	5142.8

Sample Name: CCB Acquired: 10/1/2011 1:44:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.64	.2777	.2874	.3147	.0140	-6.087
Stddev	10.71	2.024	.2300	.0555	.0822	18.85
%RSD	100.7	728.7	80.02	17.64	588.2	309.7

#1	16.67	-.1229	.3742	.3441	.0010	4.877
#2	-1.725	-1.516	.4614	.3493	-.0610	4.717
#3	16.97	2.472	.0267	.2507	.1019	-27.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0229	.1158	-.9181	-2.254	-4.311	-21.02
Stddev	.0385	.2467	.2836	.767	9.896	87.53
%RSD	168.5	213.1	30.89	34.04	229.5	416.4

#1	.0641	-.1232	-.7236	-3.083	2.762	43.76
#2	.0169	.3696	-.7872	-2.109	-15.62	-120.6
#3	-.0123	.1010	-1.243	-1.570	-.0756	13.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:44:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.4864	.0872	88.75	-1.1836	-1.164	3.359
Stddev	2.803	.0741	26.94	.3949	.636	.626
%RSD	576.2	84.98	30.36	215.1	54.65	18.63
#1	.7133	.1702	77.82	.0687	-1.376	2.642
#2	1.517	.0642	68.99	-.6388	-.4492	3.639
#3	-3.689	.0274	119.4	.0191	-1.668	3.796

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.248	2.195	.0274	.3884	1.586	4.532
Stddev	2.788	1.161	.3520	.0526	.381	.608
%RSD	223.4	52.89	1286.	13.54	24.01	13.42
#1	1.963	1.192	.1004	.4038	1.936	4.513
#2	-3.057	3.466	.3371	.4316	1.641	5.150
#3	-2.649	1.926	-.3554	.3299	1.181	3.934

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:44:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1778	.2011	1.535
Stddev	.5741	.0923	2.542
%RSD	322.9	45.88	165.6

#1	-.0939	.2386	-1.268
#2	-.2100	.2687	2.183
#3	.8373	.0960	3.690

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2520.7	36797.	5184.7
Stddev	3.0	63.	20.6
%RSD	.11878	.17228	.39818

#1	2519.7	36806.	5165.8
#2	2518.3	36856.	5206.7
#3	2524.1	36730.	5181.6

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1				Seq: 2		12:27:58	21 Sep 11	HG
Hg	.000	ppb	4349					
*** Standard: 2 Rep: 1				Seq: 3		12:30:05	21 Sep 11	HG
Hg	.100	ppb	7856					
*** Standard: 3 Rep: 1				Seq: 4		12:31:52	21 Sep 11	HG
Hg	1.00	ppb	46495					
*** Standard: 4 Rep: 1				Seq: 5		12:33:38	21 Sep 11	HG
Hg	2.00	ppb	85833					
*** Standard: 5 Rep: 1				Seq: 6		12:35:23	21 Sep 11	HG
Hg	5.00	ppb	213118					
*** Standard: 6 Rep: 1				Seq: 7		12:37:21	21 Sep 11	HG
Hg	10.0	ppb	411788					
*** Check Standard: 3 Ck3AICV				Seq: 8		12:39:09	21 Sep 11	HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg		101.	5.05	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 9		12:41:16	21 Sep 11	HG
Line Flag Found Range(+/-) Units SD/RSD								
Hg		-.087	.200	ppb		.000		
*** Check Standard: 4 Ck4QCS				Seq: 10		12:43:00	21 Sep 11	HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg		101.	5.07	5.00	ppb	.000		
*** Sample ID:				Seq: 11		12:44:48	21 Sep 11	HG
			mc l					
Hg	1.96	ppb	.000	1.96				
*** Sample ID:				Seq: 12		12:46:52	21 Sep 11	HG
			MB 460-86785/1-A					
Hg	-.068	ppb	.000	-.068				
*** Sample ID:				Seq: 13		12:48:48	21 Sep 11	HG
			LCS 460-86785/2-A					
Hg	4.73	ppb	.000	4.73				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 14		12:50:52	21 Sep 11	HG
			460-31240-A-1-0					
Hg	-.056	ppb	.000	-.056				

*** Sample ID: Seq: 15 12:52:56 21 Sep 11 HG
 460-31240-A-1-P DU
 Hg -.056 ppb .000 -.056
 *** Sample ID: Seq: 16 12:54:41 21 Sep 11 HG
 460-31240-A-1-Q MS
 Hg 4.70 ppb .000 4.70
 *** Sample ID: Seq: 17 12:57:06 21 Sep 11 HG
 460-31283-A-1-R
 Hg -.059 ppb .000 -.059
 *** Sample ID: Seq: 18 12:58:52 21 Sep 11 HG
 460-31045-A-6-L
 Hg .045 ppb .000 .045
 *** Check Standard: 2 Ck2ACCV Seq: 19 13:00:57 21 Sep 11 HG
 Line Flag %Rcv. Found True Units SD/RSD
 Hg 105. 5.23 5.00 ppb .000
 *** Check Standard: 1 Ck1ICB/CCB Seq: 20 13:03:05 21 Sep 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg -.041 .200 ppb .000
 *** Sample ID: Seq: 21 13:05:04 21 Sep 11 HG
 460-31045-A-12-L
 Hg .010 ppb .000 .010
 *** Sample ID: Seq: 22 13:07:03 21 Sep 11 HG
 460-31045-A-18-L
 Hg -.012 ppb .000 -.012
 *** Sample ID: Seq: 23 13:08:58 21 Sep 11 HG
 460-31045-A-24-N
 Hg -.051 ppb .000 -.051
 *** Sample ID: Seq: 24 13:10:43 21 Sep 11 HG
 460-31278-A-1-E
 Hg -.041 ppb .000 -.041
 *** Sample ID: Seq: 25 13:12:28 21 Sep 11 HG
 460-31282-A-1-S
 Hg -.055 ppb .000 -.055

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 26								
13:14:13								
21 Sep 11								
HG								
LB 460-86561/1-G								
Hg -.017	ppb	.000	-.017					
*** Sample ID:								
Seq: 27								
13:15:59								
21 Sep 11								
HG								
LB 460-86612/1-E								
Hg -.046	ppb	.000	-.046					
*** Sample ID:								
Seq: 28								
13:17:43								
21 Sep 11								
HG								
sd 460-31240-A-1-0@5								
Hg -.052	ppb	.000	-.052					
*** Check Standard: 2 Ck2ACCV								
Seq: 29								
13:19:48								
21 Sep 11								
HG								
Line Flag %Rcv. Found True Units SD/RSD								

Hg	101.	5.04	5.00	ppb	.000			
***	Check Standard: 1	Ck1ICB/CCB	Seq: 30		13:21:35	21	Sep	11
Line	Flag	Found Range(+/-)	Units	SD/RSD				HG
Hg		-.064 .200	ppb	.000				
***	Sample ID:		Seq: 31		13:23:30	21	Sep	11
		MB 460-86789/1-A						HG
Hg	-.076	ppb	.000	-.076				
***	Sample ID:		Seq: 32		13:25:18	21	Sep	11
		LCS 460-86789/2-A						HG
Hg	4.34	ppb	.000	4.34				
***	Sample ID:		Seq: 33		13:27:06	21	Sep	11
		460-31194-A-1-E						HG
Hg	-.080	ppb	.000	-.080				
***	Sample ID:		Seq: 34		13:28:55	21	Sep	11
		460-31194-A-1-F DU						HG
Hg	-.022	ppb	.000	-.022				
***	Sample ID:		Seq: 35		13:31:06	21	Sep	11
		460-31194-A-1-G MS						HG
Hg	4.70	ppb	.000	4.70				
***	Sample ID:		Seq: 36		13:33:05	21	Sep	11
		LB 460-86562/1-B						HG
Hg	-.042	ppb	.000	-.042				
***	Sample ID:		Seq: 37		13:35:14	21	Sep	11
		sd 460-31194-A-1-E@5						HG
Hg	-.035	ppb	.000	-.035				

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Check Standard: 2	Ck2ACCV	Seq: 38		13:37:03	21	Sep	11
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		HG
Hg		102.	5.09	5.00	ppb	.000		
***	Check Standard: 1	Ck1ICB/CCB	Seq: 39		13:39:21	21	Sep	11
Line	Flag	Found Range(+/-)	Units	SD/RSD				HG
Hg		-.036 .200	ppb	.000				
***	Sample ID:		Seq: 40		13:41:12	21	Sep	11
		MB 460-86793/1-A						HG
Hg	-.018	ppb	.000	-.018				
***	Sample ID:		Seq: 41		13:43:16	21	Sep	11
		LCS 460-86793/2-A						HG
Hg	.993	ppb	.000	.993				
***	Sample ID:		Seq: 42		13:44:59	21	Sep	11
		460-31227-H-1-D						HG
Hg	-.042	ppb	.000	-.042				
***	Sample ID:		Seq: 43		13:46:45	21	Sep	11
		460-31227-A-1-B DU						HG
Hg	-.076	ppb	.000	-.076				

*** Sample ID: Seq: 44 13:48:31 21 Sep 11 HG
 460-31227-H-1-E MS
 Hg 1.04 ppb .000 1.04
 *** Sample ID: Seq: 45 13:50:17 21 Sep 11 HG
 460-31227-H-2-B
 Hg -.045 ppb .000 -.045
 *** Sample ID: Seq: 46 13:52:06 21 Sep 11 HG
 460-31227-H-3-B
 Hg -.028 ppb .000 -.028
 *** Sample ID: Seq: 47 13:53:50 21 Sep 11 HG
 460-31227-H-4-B
 Hg -.031 ppb .000 -.031
 *** Check Standard: 2 Ck2ACCV Seq: 48 13:55:49 21 Sep 11 HG
 Line Flag %Rcv. Found True Units SD/RSD
 Hg 97.6 4.88 5.00 ppb .000
 *** Check Standard: 1 Ck1ICB/CCB Seq: 49 13:58:06 21 Sep 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg -.124 .200 ppb .000

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 50								
460-31227-H-5-B								
Hg -.099	ppb	.000	-.099					
*** Sample ID:								
Seq: 51								
460-31245-A-2-B								
Hg -.119	ppb	.000	-.119					
*** Sample ID:								
Seq: 52								
460-31289-D-1-A								
Hg -.091	ppb	.000	-.091					
*** Sample ID:								
Seq: 53								
460-31356-Q-1-A								
Hg -.016	ppb	.000	-.016					
*** Sample ID:								
Seq: 54								
460-31356-Q-2-A								
Hg -.044	ppb	.000	-.044					
*** Sample ID:								
Seq: 55								
460-31356-Q-4-A								
Hg -.029	ppb	.000	-.029					
*** Sample ID:								
Seq: 56								
460-31356-Q-5-A								
Hg -.009	ppb	.000	-.009					
*** Sample ID:								
Seq: 57								
460-31356-Q-6-A								
Hg -.035	ppb	.000	-.035					
*** Check Standard: 2 Ck2ACCV Seq: 58 14:14:28 21 Sep 11 HG								
Line Flag %Rcv. Found True Units SD/RSD								

Hg 101. 5.04 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 59 14:16:12 21 Sep 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.084 .200 ppb .000

*** Sample ID: Seq: 60 14:18:08 21 Sep 11 HG
460-31356-Q-7-A
Hg -.053 ppb .000 -.053

*** Sample ID: Seq: 61 14:19:57 21 Sep 11 HG
460-31194-C-2-B
Hg -.075 ppb .000 -.075

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 62 14:21:42 21 Sep 11 HG
460-31291-E-1-A
Hg -.047 ppb .000 -.047

*** Sample ID: Seq: 63 14:23:58 21 Sep 11 HG
460-31291-E-3-A
Hg -.030 ppb .000 -.030

*** Sample ID: Seq: 64 14:25:52 21 Sep 11 HG
460-31258-E-1-A
Hg -.036 ppb .000 -.036

*** Sample ID: Seq: 65 14:27:49 21 Sep 11 HG
460-31258-E-2-A
Hg -.035 ppb .000 -.035

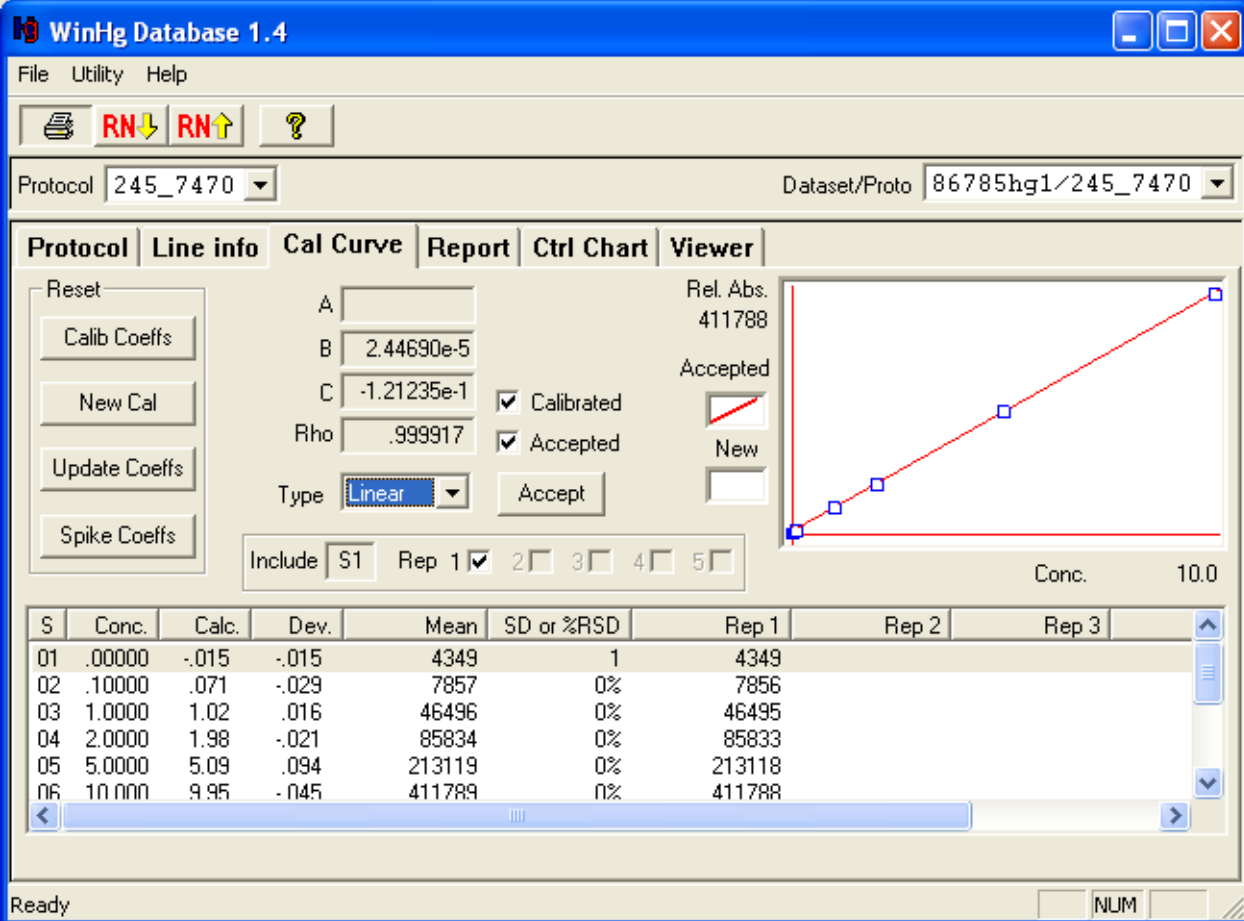
*** Sample ID: Seq: 66 14:29:54 21 Sep 11 HG
460-31258-E-3-A
Hg -.045 ppb .000 -.045

*** Sample ID: Seq: 67 14:31:50 21 Sep 11 HG
460-31258-D-5-A
Hg -.106 ppb .000 -.106

*** Sample ID: Seq: 68 14:33:46 21 Sep 11 HG
sd 460-31227-H-1-D@5
Hg -.071 ppb .000 -.071

*** Check Standard: 2 Ck2ACCV Seq: 69 14:35:45 21 Sep 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 99.3 4.97 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 70 14:37:29 21 Sep 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.116 .200 ppb .000



Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard:	1 Rep:	1		Seq:	2	12:27:58	21 Sep 11	HG
Hg	.000	ppb	4349					
		Bkgd 1	7557475					
*** Standard:	2 Rep:	1		Seq:	3	12:30:05	21 Sep 11	HG
Hg	.100	ppb	7856					
		Bkgd 1	7554392					
*** Standard:	3 Rep:	1		Seq:	4	12:31:52	21 Sep 11	HG
Hg	1.00	ppb	46495					
		Bkgd 1	7552937					
*** Standard:	4 Rep:	1		Seq:	5	12:33:38	21 Sep 11	HG
Hg	2.00	ppb	85833					
		Bkgd 1	7550095					
*** Standard:	5 Rep:	1		Seq:	6	12:35:23	21 Sep 11	HG
Hg	5.00	ppb	213118					
		Bkgd 1	7546389					
*** Standard:	6 Rep:	1		Seq:	7	12:37:21	21 Sep 11	HG
Hg	10.0	ppb	411788					
		Bkgd 1	7543823					
*** Check Standard:	3	Ck3AICV		Seq:	8	12:39:09	21 Sep 11	HG
Line Flag		Intensities						
Hg		211138						
		Bkgd 1	7540458					
*** Check Standard:	1	Ck1ICB/CCB		Seq:	9	12:41:16	21 Sep 11	HG
Line Flag		Intensities						
Hg		1402						
		Bkgd 1	7540229					
*** Check Standard:	4	Ck4QCS		Seq:	10	12:43:00	21 Sep 11	HG
Line Flag		Intensities						
Hg		212001						
		Bkgd 1	7540262					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq:	11	12:44:48	21 Sep 11	HG
		mc l						
Hg	1.96	ppb	85217					
		Bkgd 1	7538945					
*** Sample ID:				Seq:	12	12:46:52	21 Sep 11	HG

Hg	- .068	ppb	2176					
		Bkgd 1	7540295					
***	Sample ID:			Seq: 13	12:48:48	21	Sep 11	HG
			LCS 460-86785/2-A					
Hg	4.73	ppb	198083					
		Bkgd 1	7541356					
***	Sample ID:			Seq: 14	12:50:52	21	Sep 11	HG
			460-31240-A-1-0					
Hg	- .056	ppb	2673					
		Bkgd 1	7543490					
***	Sample ID:			Seq: 15	12:52:56	21	Sep 11	HG
			460-31240-A-1-P DU					
Hg	- .056	ppb	2671					
		Bkgd 1	7547271					
***	Sample ID:			Seq: 16	12:54:41	21	Sep 11	HG
			460-31240-A-1-Q MS					
Hg	4.70	ppb	196932					
		Bkgd 1	7550281					
***	Sample ID:			Seq: 17	12:57:06	21	Sep 11	HG
			460-31283-A-1-R					
Hg	- .059	ppb	2562					
		Bkgd 1	7553465					
***	Sample ID:			Seq: 18	12:58:52	21	Sep 11	HG
			460-31045-A-6-L					
Hg	.045	ppb	6812					
		Bkgd 1	7553108					
***	Check Standard: 2		Ck2ACCV	Seq: 19	13:00:57	21	Sep 11	HG
Line	Flag		Intensities					
Hg			218611					
		Bkgd 1	7546543					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Check Standard: 1		Ck1ICB/CCB	Seq: 20	13:03:05	21	Sep 11	HG
Line	Flag		Intensities					
Hg			3287					
		Bkgd 1	7541031					
***	Sample ID:			Seq: 21	13:05:04	21	Sep 11	HG
			460-31045-A-12-L					
Hg	.010	ppb	5382					
		Bkgd 1	7539280					
***	Sample ID:			Seq: 22	13:07:03	21	Sep 11	HG
			460-31045-A-18-L					
Hg	- .012	ppb	4453					
		Bkgd 1	7536986					
***	Sample ID:			Seq: 23	13:08:58	21	Sep 11	HG
			460-31045-A-24-N					
Hg	- .051	ppb	2860					
		Bkgd 1	7534674					

*** Sample ID: Seq: 24 13:10:43 21 Sep 11 HG
 460-31278-A-1-E
 Hg -.041 ppb 3264
 Bkgd 1 7535315

*** Sample ID: Seq: 25 13:12:28 21 Sep 11 HG
 460-31282-A-1-S
 Hg -.055 ppb 2693
 Bkgd 1 7535010

*** Sample ID: Seq: 26 13:14:13 21 Sep 11 HG
 LB 460-86561/1-G
 Hg -.017 ppb 4275
 Bkgd 1 7535727

*** Sample ID: Seq: 27 13:15:59 21 Sep 11 HG
 LB 460-86612/1-E
 Hg -.046 ppb 3083
 Bkgd 1 7535817

*** Sample ID: Seq: 28 13:17:43 21 Sep 11 HG
 sd 460-31240-A-1-0@5
 Hg -.052 ppb 2841
 Bkgd 1 7535476

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 2			Ck2ACCV	Seq: 29	13:19:48	21	Sep 11	HG
Line Flag			Intensities					
Hg			210890					
		Bkgd 1	7534373					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 30	13:21:35	21	Sep 11	HG
Line Flag			Intensities					
Hg			2337					
		Bkgd 1	7532996					
*** Sample ID:				Seq: 31	13:23:30	21	Sep 11	HG
			MB 460-86789/1-A					
Hg	-.076	ppb	1860					
		Bkgd 1	7534267					
*** Sample ID:				Seq: 32	13:25:18	21	Sep 11	HG
			LCS 460-86789/2-A					
Hg	4.34	ppb	182365					
		Bkgd 1	7538780					
*** Sample ID:				Seq: 33	13:27:06	21	Sep 11	HG
			460-31194-A-1-E					
Hg	-.080	ppb	1695					
		Bkgd 1	7540351					
*** Sample ID:				Seq: 34	13:28:55	21	Sep 11	HG
			460-31194-A-1-F DU					
Hg	-.022	ppb	4047					
		Bkgd 1	7544699					
*** Sample ID:				Seq: 35	13:31:06	21	Sep 11	HG
			460-31194-A-1-G MS					
Hg	4.70	ppb	197170					

Bkgd 1 7547008

*** Sample ID: Seq: 36 13:33:05 21 Sep 11 HG

LB 460-86562/1-B

Hg -.042 ppb 3254
Bkgd 1 7540303

*** Sample ID: Seq: 37 13:35:14 21 Sep 11 HG

sd 460-31194-A-1-E@5

Hg -.035 ppb 3534
Bkgd 1 7537327

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 38 13:37:03 21 Sep 11 HG

Line Flag Intensities

Hg 213082
Bkgd 1 7535278

*** Check Standard: 1 Ck1ICB/CCB Seq: 39 13:39:21 21 Sep 11 HG

Line Flag Intensities

Hg 3499
Bkgd 1 7532158

*** Sample ID: Seq: 40 13:41:12 21 Sep 11 HG

MB 460-86793/1-A

Hg -.018 ppb 4201
Bkgd 1 7531423

*** Sample ID: Seq: 41 13:43:16 21 Sep 11 HG

LCS 460-86793/2-A

Hg .993 ppb 45519
Bkgd 1 7528234

*** Sample ID: Seq: 42 13:44:59 21 Sep 11 HG

460-31227-H-1-D

Hg -.042 ppb 3256
Bkgd 1 7525596

*** Sample ID: Seq: 43 13:46:45 21 Sep 11 HG

460-31227-A-1-B DU

Hg -.076 ppb 1863
Bkgd 1 7525179

*** Sample ID: Seq: 44 13:48:31 21 Sep 11 HG

460-31227-H-1-E MS

Hg 1.04 ppb 47625
Bkgd 1 7525574

*** Sample ID: Seq: 45 13:50:17 21 Sep 11 HG

460-31227-H-2-B

Hg -.045 ppb 3127
Bkgd 1 7523508

*** Sample ID: Seq: 46 13:52:06 21 Sep 11 HG

460-31227-H-3-B

Hg -.028 ppb 3827
Bkgd 1 7524196

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:			Seq: 47		13:53:50	21 Sep 11	HG
				460-31227-H-4-B				
Hg	-.031	ppb	3676					
		Bkgd 1	7524107					
***	Check Standard: 2		Ck2ACCV	Seq: 48		13:55:49	21 Sep 11	HG
Line	Flag		Intensities					
Hg			204420					
		Bkgd 1	7523464					
***	Check Standard: 1		Ck1ICB/CCB	Seq: 49		13:58:06	21 Sep 11	HG
Line	Flag		Intensities					
Hg			-100					
		Bkgd 1	7524714					
***	Sample ID:			Seq: 50		14:00:02	21 Sep 11	HG
				460-31227-H-5-B				
Hg	-.099	ppb	916					
		Bkgd 1	7530721					
***	Sample ID:			Seq: 51		14:01:48	21 Sep 11	HG
				460-31245-A-2-B				
Hg	-.119	ppb	84					
		Bkgd 1	7533373					
***	Sample ID:			Seq: 52		14:03:35	21 Sep 11	HG
				460-31289-D-1-A				
Hg	-.091	ppb	1250					
		Bkgd 1	7536777					
***	Sample ID:			Seq: 53		14:05:40	21 Sep 11	HG
				460-31356-Q-1-A				
Hg	-.016	ppb	4289					
		Bkgd 1	7541315					
***	Sample ID:			Seq: 54		14:07:23	21 Sep 11	HG
				460-31356-Q-2-A				
Hg	-.044	ppb	3174					
		Bkgd 1	7537724					
***	Sample ID:			Seq: 55		14:09:09	21 Sep 11	HG
				460-31356-Q-4-A				
Hg	-.029	ppb	3756					
		Bkgd 1	7535603					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:			Seq: 56		14:10:56	21 Sep 11	HG
				460-31356-Q-5-A				
Hg	-.009	ppb	4605					
		Bkgd 1	7533252					
***	Sample ID:			Seq: 57		14:12:42	21 Sep 11	HG
				460-31356-Q-6-A				
Hg	-.035	ppb	3507					

	Bkgd 1	7529098				
***	Check Standard: 2	Ck2ACCV	Seq: 58	14:14:28	21 Sep 11	HG
Line	Flag	Intensities				
Hg		210847				
	Bkgd 1	7526049				
***	Check Standard: 1	Ck1ICB/CCB	Seq: 59	14:16:12	21 Sep 11	HG
Line	Flag	Intensities				
Hg		1525				
	Bkgd 1	7520018				
***	Sample ID:		Seq: 60	14:18:08	21 Sep 11	HG
		460-31356-Q-7-A				
Hg	-.053	ppb	2797			
	Bkgd 1	7520393				
***	Sample ID:		Seq: 61	14:19:57	21 Sep 11	HG
		460-31194-C-2-B				
Hg	-.075	ppb	1898			
	Bkgd 1	7521244				
***	Sample ID:		Seq: 62	14:21:42	21 Sep 11	HG
		460-31291-E-1-A				
Hg	-.047	ppb	3015			
	Bkgd 1	7521962				
***	Sample ID:		Seq: 63	14:23:58	21 Sep 11	HG
		460-31291-E-3-A				
Hg	-.030	ppb	3735			
	Bkgd 1	7520868				
***	Sample ID:		Seq: 64	14:25:52	21 Sep 11	HG
		460-31258-E-1-A				
Hg	-.036	ppb	3481			
	Bkgd 1	7521520				

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Sample ID:			Seq: 65	14:27:49	21 Sep 11	HG	
				460-31258-E-2-A				
Hg	-.035	ppb	3504					
	Bkgd 1	7521428						
***	Sample ID:			Seq: 66	14:29:54	21 Sep 11	HG	
				460-31258-E-3-A				
Hg	-.045	ppb	3136					
	Bkgd 1	7520893						
***	Sample ID:			Seq: 67	14:31:50	21 Sep 11	HG	
				460-31258-D-5-A				
Hg	-.106	ppb	635					
	Bkgd 1	7521051						
***	Sample ID:			Seq: 68	14:33:46	21 Sep 11	HG	
				sd 460-31227-H-1-D@5				
Hg	-.071	ppb	2040					
	Bkgd 1	7523590						
***	Check Standard: 2	Ck2ACCV	Seq: 69	14:35:45	21 Sep 11	HG		

Line	Flag	Intensities
Hg		207960
	Bkgd 1	7526639

*** Check Standard: 1 Ck1ICB/CCB Seq: 70 14:37:29 21 Sep 11 HG

Line	Flag	Intensities
Hg		223
	Bkgd 1	7529453

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1				Seq: 1		13:39:40	05 Oct 11	HG
Hg	.000	ppb	2200					
*** Standard: 2 Rep: 1				Seq: 2		13:41:25	05 Oct 11	HG
Hg	.100	ppb	6143					
*** Standard: 3 Rep: 1				Seq: 3		13:43:13	05 Oct 11	HG
Hg	1.00	ppb	36138					
*** Standard: 4 Rep: 1				Seq: 4		13:45:20	05 Oct 11	HG
Hg	2.00	ppb	70573					
*** Standard: 5 Rep: 1				Seq: 5		13:47:09	05 Oct 11	HG
Hg	5.00	ppb	174901					
*** Standard: 6 Rep: 1				Seq: 6		13:48:56	05 Oct 11	HG
Hg	10.0	ppb	339606					
*** Check Standard: 3 Ck3AICV				Seq: 7		13:50:46	05 Oct 11	HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg		101.	5.04	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		13:52:32	05 Oct 11	HG
Line Flag Found Range(+/-) Units SD/RSD								
Hg		-.021	.200	ppb	.000			
*** Check Standard: 4 Ck4QCS				Seq: 9		13:54:21	05 Oct 11	HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg		102.	5.11	5.00	ppb	.000		
*** Sample ID:				Seq: 10		13:56:18	05 Oct 11	HG
			mc1					
Hg	2.02	ppb	.000	2.02				
*** Sample ID:				Seq: 11		13:58:03	05 Oct 11	HG
			MB 460-88358/1-A					
Hg	-.030	ppb	.000	-.030				
*** Sample ID:				Seq: 12		13:59:49	05 Oct 11	HG
			LCS 460-88358/2-A					
Hg	4.71	ppb	.000	4.71				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 13		14:01:33	05 Oct 11	HG
			460-31904-A-1-F					
Hg	.015	ppb	.000	.015				

*** Sample ID: Seq: 14 14:03:23 05 Oct 11 HG
 460-31904-A-1-G DU
 Hg .027 ppb .000 .027
 *** Sample ID: Seq: 15 14:05:20 05 Oct 11 HG
 460-31904-A-1-H MS
 Hg 5.02 ppb .000 5.02
 *** Sample ID: Seq: 16 14:07:07 05 Oct 11 HG
 460-31628-A-9-E
 Hg -.076 ppb .000 -.076
 *** Sample ID: Seq: 17 14:08:53 05 Oct 11 HG
 460-31628-A-20-C
 Hg .008 ppb .000 .008
 *** Check Standard: 2 Ck2ACCV Seq: 18 14:11:28 05 Oct 11 HG
 Line Flag %Rcv. Found True Units SD/RSD
 Hg 104. 5.20 5.00 ppb .000
 *** Check Standard: 1 Ck1ICB/CCB Seq: 19 14:13:25 05 Oct 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg -.053 .200 ppb .000
 *** Sample ID: Seq: 20 14:15:10 05 Oct 11 HG
 460-31909-A-1-D
 Hg -.050 ppb .000 -.050
 *** Sample ID: Seq: 21 14:16:56 05 Oct 11 HG
 460-31749-A-1-J
 Hg .013 ppb .000 .013
 *** Sample ID: Seq: 22 14:18:41 05 Oct 11 HG
 460-31867-A-1-I
 Hg .042 ppb .000 .042
 *** Sample ID: Seq: 23 14:20:26 05 Oct 11 HG
 LB 460-87770/1-D
 Hg -.029 ppb .000 -.029
 *** Sample ID: Seq: 24 14:22:09 05 Oct 11 HG
 LB 460-88232/1-D
 Hg -.030 ppb .000 -.030

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 25								
14:24:07 05 Oct 11								
HG								
LB 460-88087/1-H								
Hg -.023 ppb								
.000 -.023								
*** Sample ID:								
Seq: 26								
14:26:02 05 Oct 11								
HG								
sd 460-31904-A-1-F@5								
Hg -.049 ppb								
.000 -.049								
*** Check Standard: 2 Ck2ACCV								
Seq: 27								
14:27:47 05 Oct 11								
HG								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 103. 5.15 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Seq: 28								
14:29:45 05 Oct 11								
HG								
Line Flag Found Range(+/-) Units SD/RSD								

***	Sample ID:				Seq: 29		14:31:31	05	Oct	11	HG
			MB	460-88362/1-A							
Hg	-.033	ppb	.000	-.033							
***	Sample ID:				Seq: 30		14:33:37	05	Oct	11	HG
			LCS	460-88362/2-A							
Hg	4.88	ppb	.000	4.88							
***	Sample ID:				Seq: 31		14:35:24	05	Oct	11	HG
				460-31491-A-2-E							
Hg	-.064	ppb	.000	-.064							
***	Sample ID:				Seq: 32		14:37:11	05	Oct	11	HG
				460-31491-A-2-F DU							
Hg	-.063	ppb	.000	-.063							
***	Sample ID:				Seq: 33		14:39:18	05	Oct	11	HG
				460-31491-A-2-G MS							
Hg	4.80	ppb	.000	4.80							
***	Sample ID:				Seq: 34		14:41:05	05	Oct	11	HG
				460-31716-A-2-C@20							
Hg	-.123	ppb	.000	-.123							
***	Check Standard: 2	Ck2ACCV			Seq: 35		14:42:49	05	Oct	11	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD					
Hg		103.	5.15	5.00	ppb	.000					
***	Check Standard: 1	Ck1ICB/CCB			Seq: 36		14:44:38	05	Oct	11	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD						
Hg		-.104	.200	ppb	.000						

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Sample ID:			Seq: 37		14:46:32	05 Oct 11	HG
				460-31628-A-27-B				
Hg	3.02	ppb	.000	3.02				
***	Sample ID:			Seq: 38		14:48:20	05 Oct 11	HG
				460-31716-A-1-D@20				
Hg	.014	ppb	.000	.014				
***	Sample ID:			Seq: 39		14:50:17	05 Oct 11	HG
				460-31294-G-6-G				
Hg	-.021	ppb	.000	-.021				
***	Sample ID:			Seq: 40		14:52:12	05 Oct 11	HG
				LB 460-88235/1-E				
Hg	-.038	ppb	.000	-.038				
***	Sample ID:			Seq: 41		14:54:58	05 Oct 11	HG
				LB 460-88235/2-E				
Hg	-.045	ppb	.000	-.045				
***	Sample ID:			Seq: 42		14:56:44	05 Oct 11	HG
				LB 460-88088/1-E				
Hg	-.010	ppb	.000	-.010				

*** Sample ID: Seq: 43 14:58:30 05 Oct 11 HG
460-31716-A-2-C
Hg .591 ppb .000 .591

*** Sample ID: Seq: 44 15:01:25 05 Oct 11 HG
460-31716-A-1-D
Hg .030 ppb .000 .030

*** Sample ID: Seq: 45 15:03:22 05 Oct 11 HG
sd 460-31491-A-2-E@5
Hg .021 ppb .000 .021

*** Check Standard: 2 Ck2ACCV Seq: 46 15:05:07 05 Oct 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 104. 5.19 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 47 15:07:04 05 Oct 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.049 .200 ppb .000

*** Sample ID: Seq: 48 15:08:53 05 Oct 11 HG
MB 460-88373/1-A
Hg -.006 ppb .000 -.006

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 15:10:52 05 Oct 11 HG
LCS 460-88373/2-A
Hg .968 ppb .000 .968

*** Sample ID: Seq: 50 15:12:56 05 Oct 11 HG
460-31813-D-7-B
Hg -.027 ppb .000 -.027

*** Sample ID: Seq: 51 15:14:51 05 Oct 11 HG
460-31813-D-7-C DU
Hg -.030 ppb .000 -.030

*** Sample ID: Seq: 52 15:16:46 05 Oct 11 HG
460-31813-D-7-D MS
Hg .927 ppb .000 .927

*** Sample ID: Seq: 53 15:18:35 05 Oct 11 HG
460-31258-D-1-B
Hg -.009 ppb .000 -.009

*** Sample ID: Seq: 54 15:20:21 05 Oct 11 HG
460-31258-D-2-B
Hg .042 ppb .000 .042

*** Sample ID: Seq: 55 15:22:11 05 Oct 11 HG
460-31258-D-3-B
Hg .057 ppb .000 .057

*** Check Standard: 2 Ck2ACCV Seq: 56 15:24:00 05 Oct 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 105. 5.24 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 57 15:25:45 05 Oct 11 HG
Line Flag Found Range(+/-) Units SD/RSD
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*** Sample ID: Seq: 72 15:55:09 05 Oct 11 HG
 460-31813-D-3-B
 Hg -.043 ppb .000 -.043

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 73 15:57:06 05 Oct 11 HG
 460-31813-D-4-B
 Hg -.012 ppb .000 -.012

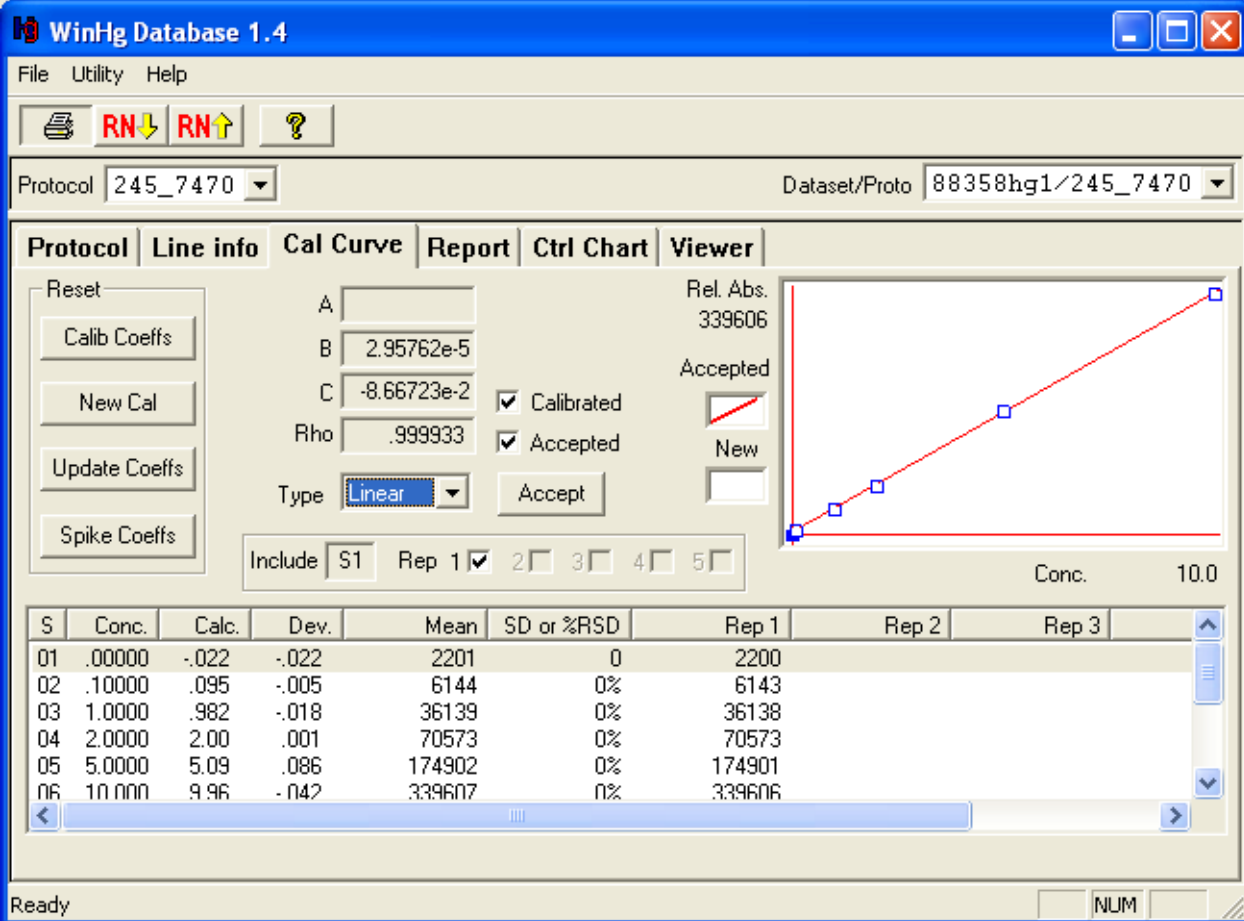
*** Sample ID: Seq: 74 15:59:00 05 Oct 11 HG
 460-31813-D-5-B
 Hg -.045 ppb .000 -.045

*** Sample ID: Seq: 75 16:00:49 05 Oct 11 HG
 460-31813-D-6-B
 Hg -.012 ppb .000 -.012

*** Sample ID: Seq: 76 16:02:36 05 Oct 11 HG
 sd 460-31813-D-7-B@5
 Hg -.008 ppb .000 -.008

*** Check Standard: 2 Ck2ACCV Seq: 77 16:05:15 05 Oct 11 HG
 Line Flag %Rcv. Found True Units SD/RSD
 Hg 104. 5.21 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 78 16:06:58 05 Oct 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg -.013 .200 ppb .000



Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard:	1 Rep:	1		Seq:	1	13:39:40	05 Oct 11	HG
Hg	.000	ppb	2200					
		Bkgd 1	6283057					
*** Standard:	2 Rep:	1		Seq:	2	13:41:25	05 Oct 11	HG
Hg	.100	ppb	6143					
		Bkgd 1	6284164					
*** Standard:	3 Rep:	1		Seq:	3	13:43:13	05 Oct 11	HG
Hg	1.00	ppb	36138					
		Bkgd 1	6284940					
*** Standard:	4 Rep:	1		Seq:	4	13:45:20	05 Oct 11	HG
Hg	2.00	ppb	70573					
		Bkgd 1	6285258					
*** Standard:	5 Rep:	1		Seq:	5	13:47:09	05 Oct 11	HG
Hg	5.00	ppb	174901					
		Bkgd 1	6284878					
*** Standard:	6 Rep:	1		Seq:	6	13:48:56	05 Oct 11	HG
Hg	10.0	ppb	339606					
		Bkgd 1	6283418					
*** Check Standard:	3	Ck3AICV		Seq:	7	13:50:46	05 Oct 11	HG
Line Flag		Intensities						
Hg		173259						
		Bkgd 1	6280316					
*** Check Standard:	1	Ck1ICB/CCB		Seq:	8	13:52:32	05 Oct 11	HG
Line Flag		Intensities						
Hg		2218						
		Bkgd 1	6282400					
*** Check Standard:	4	Ck4QCS		Seq:	9	13:54:21	05 Oct 11	HG
Line Flag		Intensities						
Hg		175569						
		Bkgd 1	6282112					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq:	10	13:56:18	05 Oct 11	HG
		mc l						
Hg	2.02	ppb	71305					
		Bkgd 1	6282654					
*** Sample ID:				Seq:	11	13:58:03	05 Oct 11	HG

Hg	- .030	ppb	1906					
		Bkgd 1	6284040					
***	Sample ID:			Seq: 12	13:59:49	05 Oct 11	HG	
			LCS 460-88358/2-A					
Hg	4.71	ppb	162244					
		Bkgd 1	6284663					
***	Sample ID:			Seq: 13	14:01:33	05 Oct 11	HG	
			460-31904-A-1-F					
Hg	.015	ppb	3444					
		Bkgd 1	6283590					
***	Sample ID:			Seq: 14	14:03:23	05 Oct 11	HG	
			460-31904-A-1-G DU					
Hg	.027	ppb	3829					
		Bkgd 1	6287619					
***	Sample ID:			Seq: 15	14:05:20	05 Oct 11	HG	
			460-31904-A-1-H MS					
Hg	5.02	ppb	172749					
		Bkgd 1	6289136					
***	Sample ID:			Seq: 16	14:07:07	05 Oct 11	HG	
			460-31628-A-9-E					
Hg	- .076	ppb	375					
		Bkgd 1	6285380					
***	Sample ID:			Seq: 17	14:08:53	05 Oct 11	HG	
			460-31628-A-20-C					
Hg	.008	ppb	3217					
		Bkgd 1	6285966					
***	Check Standard: 2		Ck2ACCV	Seq: 18	14:11:28	05 Oct 11	HG	
Line	Flag		Intensities					
Hg			178815					
		Bkgd 1	6284149					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Check Standard: 1		Ck1ICB/CCB	Seq: 19	14:13:25	05 Oct 11	HG	
Line	Flag		Intensities					
Hg			1142					
		Bkgd 1	6282538					
***	Sample ID:			Seq: 20	14:15:10	05 Oct 11	HG	
			460-31909-A-1-D					
Hg	- .050	ppb	1239					
		Bkgd 1	6282840					
***	Sample ID:			Seq: 21	14:16:56	05 Oct 11	HG	
			460-31749-A-1-J					
Hg	.013	ppb	3379					
		Bkgd 1	6282331					
***	Sample ID:			Seq: 22	14:18:41	05 Oct 11	HG	
			460-31867-A-1-I					
Hg	.042	ppb	4341					
		Bkgd 1	6281992					

*** Sample ID: Seq: 23 14:20:26 05 Oct 11 HG
 LB 460-87770/1-D
 Hg -.029 ppb 1964
 Bkgd 1 6278815

*** Sample ID: Seq: 24 14:22:09 05 Oct 11 HG
 LB 460-88232/1-D
 Hg -.030 ppb 1900
 Bkgd 1 6279263

*** Sample ID: Seq: 25 14:24:07 05 Oct 11 HG
 LB 460-88087/1-H
 Hg -.023 ppb 2162
 Bkgd 1 6280440

*** Sample ID: Seq: 26 14:26:02 05 Oct 11 HG
 sd 460-31904-A-1-F@5
 Hg -.049 ppb 1287
 Bkgd 1 6278812

*** Check Standard: 2 Ck2ACCV Seq: 27 14:27:47 05 Oct 11 HG
 Line Flag Intensities
 Hg 177066
 Bkgd 1 6279797

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 1	Ck1ICB/CCB	Seq: 28	14:29:45 05 Oct 11	HG				
Line Flag	Intensities							
Hg	1590							
	Bkgd 1	6278232						
*** Sample ID:	Seq: 29	14:31:31 05 Oct 11	HG					
	MB 460-88362/1-A							
Hg -.033	ppb 1829							
	Bkgd 1	6278947						
*** Sample ID:	Seq: 30	14:33:37 05 Oct 11	HG					
	LCS 460-88362/2-A							
Hg 4.88	ppb 168058							
	Bkgd 1	6279503						
*** Sample ID:	Seq: 31	14:35:24 05 Oct 11	HG					
	460-31491-A-2-E							
Hg -.064	ppb 772							
	Bkgd 1	6275899						
*** Sample ID:	Seq: 32	14:37:11 05 Oct 11	HG					
	460-31491-A-2-F DU							
Hg -.063	ppb 795							
	Bkgd 1	6277015						
*** Sample ID:	Seq: 33	14:39:18 05 Oct 11	HG					
	460-31491-A-2-G MS							
Hg 4.80	ppb 165130							
	Bkgd 1	6278002						
*** Sample ID:	Seq: 34	14:41:05 05 Oct 11	HG					
	460-31716-A-2-C@20							
Hg -.123	ppb -1229							

Bkgd 1 6275914

*** Check Standard: 2 Ck2ACCV Seq: 35 14:42:49 05 Oct 11 HG
Line Flag Intensities
Hg 177052

Bkgd 1 6280934

*** Check Standard: 1 Ck1ICB/CCB Seq: 36 14:44:38 05 Oct 11 HG
Line Flag Intensities
Hg -599

Bkgd 1 6281047

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 14:46:32 05 Oct 11 HG
460-31628-A-27-B

Hg 3.02 ppb 104938
Bkgd 1 6282789

*** Sample ID: Seq: 38 14:48:20 05 Oct 11 HG
460-31716-A-1-D@20

Hg .014 ppb 3410
Bkgd 1 6281566

*** Sample ID: Seq: 39 14:50:17 05 Oct 11 HG
460-31294-G-6-G

Hg -.021 ppb 2223
Bkgd 1 6279969

*** Sample ID: Seq: 40 14:52:12 05 Oct 11 HG
LB 460-88235/1-E

Hg -.038 ppb 1644
Bkgd 1 6278668

*** Sample ID: Seq: 41 14:54:58 05 Oct 11 HG
LB 460-88235/2-E

Hg -.045 ppb 1417
Bkgd 1 6278017

*** Sample ID: Seq: 42 14:56:44 05 Oct 11 HG
LB 460-88088/1-E

Hg -.010 ppb 2603
Bkgd 1 6277405

*** Sample ID: Seq: 43 14:58:30 05 Oct 11 HG
460-31716-A-2-C

Hg .591 ppb 22918
Bkgd 1 6277669

*** Sample ID: Seq: 44 15:01:25 05 Oct 11 HG
460-31716-A-1-D

Hg .030 ppb 3935
Bkgd 1 6276558

*** Sample ID: Seq: 45 15:03:22 05 Oct 11 HG
sd 460-31491-A-2-E@5

Hg .021 ppb 3639
Bkgd 1 6276564

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Check Standard:	2	Ck2ACCV	Seq:	46	15:05:07	05 Oct 11	HG
Line	Flag		Intensities					
Hg			178503					
		Bkgd 1	6276351					
***	Check Standard:	1	Ck1ICB/CCB	Seq:	47	15:07:04	05 Oct 11	HG
Line	Flag		Intensities					
Hg			1290					
		Bkgd 1	6273966					
***	Sample ID:			Seq:	48	15:08:53	05 Oct 11	HG
			MB 460-88373/1-A					
Hg	-.006	ppb	2727					
		Bkgd 1	6274637					
***	Sample ID:			Seq:	49	15:10:52	05 Oct 11	HG
			LCS 460-88373/2-A					
Hg	.968	ppb	35659					
		Bkgd 1	6274073					
***	Sample ID:			Seq:	50	15:12:56	05 Oct 11	HG
			460-31813-D-7-B					
Hg	-.027	ppb	2017					
		Bkgd 1	6273355					
***	Sample ID:			Seq:	51	15:14:51	05 Oct 11	HG
			460-31813-D-7-C DU					
Hg	-.030	ppb	1918					
		Bkgd 1	6273992					
***	Sample ID:			Seq:	52	15:16:46	05 Oct 11	HG
			460-31813-D-7-D MS					
Hg	.927	ppb	34258					
		Bkgd 1	6274641					
***	Sample ID:			Seq:	53	15:18:35	05 Oct 11	HG
			460-31258-D-1-B					
Hg	-.009	ppb	2637					
		Bkgd 1	6274629					
***	Sample ID:			Seq:	54	15:20:21	05 Oct 11	HG
			460-31258-D-2-B					
Hg	.042	ppb	4348					
		Bkgd 1	6274870					

Folder: 88358hg1
 Protocol: 245_7470
 POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:			Seq:	55	15:22:11	05 Oct 11	HG
			460-31258-D-3-B					
Hg	.057	ppb	4855					
		Bkgd 1	6275019					
***	Check Standard:	2	Ck2ACCV	Seq:	56	15:24:00	05 Oct 11	HG
Line	Flag		Intensities					
Hg			180016					

Bkgd 1 6276515

*** Check Standard: 1 Ck1ICB/CCB Seq: 57 15:25:45 05 Oct 11 HG
 Line Flag Intensities
 Hg 21
 Bkgd 1 6276364

*** Sample ID: Seq: 58 15:28:05 05 Oct 11 HG
 460-31706-B-8-B
 Hg -.019 ppb 2294
 Bkgd 1 6279309

*** Sample ID: Seq: 59 15:30:01 05 Oct 11 HG
 460-31513-B-15-E
 Hg -.010 ppb 2600
 Bkgd 1 6278328

*** Sample ID: Seq: 60 15:32:21 05 Oct 11 HG
 460-31546-B-12-B
 Hg .009 ppb 3235
 Bkgd 1 6277148

*** Sample ID: Seq: 61 15:34:26 05 Oct 11 HG
 460-31937-E-3-B
 Hg .032 ppb 4003
 Bkgd 1 6276686

*** Sample ID: Seq: 62 15:36:22 05 Oct 11 HG
 460-31937-E-4-B
 Hg .005 ppb 3090
 Bkgd 1 6275380

*** Sample ID: Seq: 63 15:38:08 05 Oct 11 HG
 460-31937-E-5-B
 Hg -.011 ppb 2571
 Bkgd 1 6274741

Folder: 88358hg1
 Protocol: 245_7470
 POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	-.025	ppb						
		Bkgd 1						
*** Sample ID:								
Hg	-.037	ppb						
		Bkgd 1						
*** Check Standard: 2								
Line Flag								
Hg								
		Bkgd 1						
*** Check Standard: 1								
Line Flag								
Hg								
		Bkgd 1						
*** Sample ID:								

460-31677-B-11-B

Hg .010 ppb 3256
Bkgd 1 6275301

*** Sample ID: Seq: 69 15:49:49 05 Oct 11 HG

460-31790-B-20-B

Hg -.017 ppb 2350
Bkgd 1 6273998

*** Sample ID: Seq: 70 15:51:37 05 Oct 11 HG

460-31813-D-1-B

Hg -.020 ppb 2246
Bkgd 1 6274206

*** Sample ID: Seq: 71 15:53:24 05 Oct 11 HG

460-31813-D-2-D

Hg .008 ppb 3196
Bkgd 1 6274915

*** Sample ID: Seq: 72 15:55:09 05 Oct 11 HG

460-31813-D-3-B

Hg -.043 ppb 1488
Bkgd 1 6274368

Folder: 88358hg1
Protocol: 245_7470
POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 73	15:57:06	05 Oct 11	HG	
				460-31813-D-4-B				
Hg -.012	ppb	2518						
	Bkgd 1	6275397						
*** Sample ID:				Seq: 74	15:59:00	05 Oct 11	HG	
				460-31813-D-5-B				
Hg -.045	ppb	1415						
	Bkgd 1	6274867						
*** Sample ID:				Seq: 75	16:00:49	05 Oct 11	HG	
				460-31813-D-6-B				
Hg -.012	ppb	2528						
	Bkgd 1	6274976						
*** Sample ID:				Seq: 76	16:02:36	05 Oct 11	HG	
				sd 460-31813-D-7-B@5				
Hg -.008	ppb	2648						
	Bkgd 1	6273941						
*** Check Standard: 2				Seq: 77	16:05:15	05 Oct 11	HG	
Line Flag				Ck2ACCV Intensities				
Hg				178927				
	Bkgd 1	6271825						
*** Check Standard: 1				Seq: 78	16:06:58	05 Oct 11	HG	
Line Flag				Ck1ICB/CCB Intensities				
Hg				2485				
	Bkgd 1	6272517						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86800 Batch Start Date: 09/21/11 11:58 Batch Analyst: Yang, QinBatch Method: 3010A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00026			
MB 460-86800/1		3010A, 6010B		100 mL	100 mL				
LCS 460-86800/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-31356-A-3 DU		3010A, 6010B	T	100 mL	100 mL				
460-31356-Q-3 MS		3010A, 6010B	T	100 mL	100 mL	2 mL			
460-31258-E-1	GW-17338-091611-MM-01	3010A, 6010B	D	100 mL	100 mL				
460-31258-E-2	GW-17338-091611-MM-02	3010A, 6010B	D	100 mL	100 mL				
460-31258-E-3	GW-17338-091611-MM-03	3010A, 6010B	D	100 mL	100 mL				
460-31258-D-5	FB-17338-091611-MM-05	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 183
First End time	15:30
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	K26024
Hot Block ID number	6
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	38
First Start time	11:00
ID number of the thermometer	2
Digestion Tube/Cup Lot #	1012120

Basis	Basis Description
T	Total/NA
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 87869 Batch Start Date: 09/30/11 11:54 Batch Analyst: Yang, QinBatch Method: 3010A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00026			
MB 460-87869/1		3010A, 6010B		100 mL	100 mL				
LCS 460-87869/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-31492-A-2 DU		3010A, 6010B	T	100 mL	100 mL				
460-31492-Q-2 MS		3010A, 6010B	T	100 mL	100 mL	2 mL			
460-31258-D-1	GW-17338-091611-MM-01	3010A, 6010B	T	100 mL	100 mL				
460-31258-D-2	GW-17338-091611-MM-02	3010A, 6010B	T	100 mL	100 mL				
460-31258-D-3	GW-17338-091611-MM-03	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 184
First End time	13:45
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	K26024
Hot Block ID number	5
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	38
First Start time	9:15
ID number of the thermometer	2
Digestion Tube/Cup Lot #	1012120

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86785 Batch Start Date: 09/21/11 10:45 Batch Analyst: Sheikh, Razia BBatch Method: 7470A Batch End Date: 09/21/11 12:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00631			
ICV 460-86785/21		7470A, 7470A		100 mL	100 mL	5 mL			
CCV 460-86785/23		7470A, 7470A		100 mL	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01365
Sulfuric Acid Lot Number	k03051
Lot # of hydrochloric acid	hgr01366
Lot # of Nitric Acid	k15028
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01363
Potassium Permanganate Lot Number	hgr01364
NaCL Lot #	hgr01365
Oven, Bath or Block Temperature 1	95 Celsius
Stannous Chloride Lot Number	hgr01367
Digestion Tube/Cup Lot #	j123374-26438

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 86793 Batch Start Date: 09/21/11 11:15 Batch Analyst: Sheikh, Razia BBatch Method: 7470A Batch End Date: 09/21/11 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00631			
MB 460-86793/1		7470A, 7470A		30 mL	30 mL				
LCS 460-86793/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-31227-A-1 DU		7470A, 7470A	T	30 mL	30 mL				
460-31227-H-1 MS		7470A, 7470A	T	30 mL	30 mL	0.3 mL			
460-31258-E-1	GW-17338-091611-MM-01	7470A, 7470A	D	30 mL	30 mL				
460-31258-E-2	GW-17338-091611-MM-02	7470A, 7470A	D	30 mL	30 mL				
460-31258-E-3	GW-17338-091611-MM-03	7470A, 7470A	D	30 mL	30 mL				
460-31258-D-5	FB-17338-091611-MM-05	7470A, 7470A	T	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01365
Sulfuric Acid Lot Number	k03051
Lot # of hydrochloric acid	hgr01366
Lot # of Nitric Acid	k15028
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01363
Potassium Permanganate Lot Number	hgr01364
NaCl Lot #	hgr01365
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	3
Stannous Chloride Lot Number	hgr01367
Digestion Tube/Cup Lot #	j123374-26438

Basis	Basis Description
T	Total/NA
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 88358 Batch Start Date: 10/05/11 12:33 Batch Analyst: Sheikh, Razia BBatch Method: 7470A Batch End Date: 10/05/11 14:33

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00641			
ICV 460-88358/20		7470A, 7470A		100 mL	100 mL	5 mL			
CCV 460-88358/22		7470A, 7470A		100 mL	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01375
Sulfuric Acid Lot Number	k03051
Lot # of hydrochloric acid	hgr01376
Lot # of Nitric Acid	k15028
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01373
Potassium Permanganate Lot Number	hgr01374
NaCL Lot #	hgr01375
Oven, Bath or Block Temperature 1	95 Celsius
Stannous Chloride Lot Number	hgr01377
Digestion Tube/Cup Lot #	125543-264

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31258-1

SDG No.: _____

Batch Number: 88373 Batch Start Date: 10/05/11 13:06 Batch Analyst: Sheikh, Razia BBatch Method: 7470A Batch End Date: 10/05/11 15:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00641			
MB 460-88373/1		7470A, 7470A		30 mL	30 mL				
LCS 460-88373/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-31813-D-7 DU		7470A, 7470A	T	30 mL	30 mL				
460-31813-D-7 MS		7470A, 7470A	T	30 mL	30 mL	0.3 mL			
460-31258-D-1	GW-17338-091611-MM-01	7470A, 7470A	T	30 mL	30 mL				
460-31258-D-2	GW-17338-091611-MM-02	7470A, 7470A	T	30 mL	30 mL				
460-31258-D-3	GW-17338-091611-MM-03	7470A, 7470A	T	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01375
Sulfuric Acid Lot Number	k03051
Lot # of hydrochloric acid	hgr01376
Lot # of Nitric Acid	k15028
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01373
Potassium Permanganate Lot Number	hgr01374
NaCL Lot #	hgr01375
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	3
Stannous Chloride Lot Number	hgr01377
Digestion Tube/Cup Lot #	125543-264

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ____ of ____

Name (for report and invoice)

CHS BACTON

Samplers Name (Printed)

M. MYLET

Site/Project Identification

PARKER GM WILMINGTON

Company

CRA

P.O. #

17338

State (Location of site):

DE

Regulatory Program:

DMREC

Address

City

BUFFALO

State

NY

Phone

716-856 2142

Fax

Sample Identification

Date

Time

Matrix

No. of Cont.

TCL METALS

TCL VOHS

BN 125

PCB

PAL METALS

Sample Identification

CU-17338-091611-MM-01

CU-17338-091611-MM-02

CU-17338-091611-MM-03

FB-17338-091611-MM-04

FB-17338-091611-MM-05

Preservation Used:

1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH

6 = Other

7 = Other

Soil:

Water:

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by

MAKING HOT

Company

CRA

Date / Time

9/16/11 1400

Received by

Company

Relinquished by

Company

Date / Time

9/16/11 1945

Received by

Company

Test a 12

Relinquished by

Company

Date / Time

Received by

Company

Relinquished by

Company

Date / Time

Received by

Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132),

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0409)

Custody Seal # 401539

2.9%
2.1%
2.0%

Job No. _____

[illegible]

62

2

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31258-1

Login Number: 31258

List Source: TestAmerica Edison

List Number: 1

Creator: Villadarez, Gerson Timothy S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	401539
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	2.1°C, 2.9°C IR#-50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	