

ANALYTICAL REPORT

Job Number: 460-28327-1

Job Description: Pfizer (Wyeth) Pearl River

For:

HydroQual, Inc.

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CASE NARRATIVE

Client: HydroQual, Inc.

Project: Pfizer (Wyeth) Pearl River

Report Number: 460-28327-1

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 07/01/2011 and 07/01/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was -0.1 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 460-28327-6 through 460-28327-10 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 07/01/2011 and analyzed on 07/03/2011.

The matrix spike(MS) recoveries for silver in batch 78703 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The following sample(s) was diluted due to the nature of the sample matrix: high yttrium. Elevated reporting limits (RLs) are provided.

Samples 460-28327-6 through 460-28327-10(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Samples 460-28327-1 through 460-28327-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 07/07/2011 and analyzed on 07/08/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-28327-1 through 460-28327-5 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 07/05/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-28327-6 through 460-28327-10 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 07/05/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-28327-6 through 460-28327-10 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 07/01/2011 and analyzed on 07/05/2011 and 07/06/2011.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 78823 were outside control limits for 2-Butanone. This analyte was not detected in the associated samples; therefore, the data have been flagged and reported.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-28327-1 through 460-28327-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 07/05/2011.

The matrix spike (MS) recoveries for batch 78833 were outside control limits for Bromoform. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-28327-6 through 460-28327-10 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 07/04/2011 and analyzed on 07/05/2011.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 78748 were outside control limits for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-28327-1 through 460-28327-5 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 07/04/2011 and analyzed on 07/06/2011.

No difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-28327-6 through 460-28327-10 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 07/01/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-28327-1	SP-4-WATER	Water	06/30/2011 1100	07/01/2011 1330
460-28327-2	SP-3-WATER	Water	06/30/2011 0930	07/01/2011 1330
460-28327-3	SP-2-WATER	Water	06/30/2011 1415	07/01/2011 1253
460-28327-4	SP-1-WATER	Water	06/30/2011 1315	07/01/2011 1253
460-28327-5	DUPE-WATER	Water	06/30/2011 0000	07/01/2011 1253
460-28327-6	SP-4-SOLID	Solid	06/30/2011 1100	07/01/2011 1253
460-28327-7	SP-3-SOLID	Solid	06/30/2011 0930	07/01/2011 1253
460-28327-8	SP-2-SOLID	Solid	06/30/2011 1415	07/01/2011 1253
460-28327-9	SP-1-SOLID	Solid	06/30/2011 1315	07/01/2011 1253
460-28327-10	DUPE-SOLID	Solid	06/30/2011 0000	07/01/2011 1253

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-28327-1	SP-4-WATER					
Trichloroethene		0.37	J	1.0	ug/L	8260B
Barium		115	J	200	ug/L	6010B
Calcium		70000		5000	ug/L	6010B
Iron		779		150	ug/L	6010B
Magnesium		14100		5000	ug/L	6010B
Manganese		2770		15.0	ug/L	6010B
Nickel		4.7	J	40.0	ug/L	6010B
Potassium		3310	J	5000	ug/L	6010B
Sodium		103000		5000	ug/L	6010B
Zinc		7.5	J	30.0	ug/L	6010B
460-28327-2	SP-3-WATER					
Trichloroethene		0.20	J	1.0	ug/L	8260B
Aluminum		127	J	200	ug/L	6010B
Arsenic		3.9	J	5.0	ug/L	6010B
Barium		134	J	200	ug/L	6010B
Calcium		79300		5000	ug/L	6010B
Copper		7.1	J	25.0	ug/L	6010B
Iron		656		150	ug/L	6010B
Magnesium		16600		5000	ug/L	6010B
Manganese		544		15.0	ug/L	6010B
Potassium		3100	J	5000	ug/L	6010B
Sodium		103000		5000	ug/L	6010B
Zinc		6.7	J	30.0	ug/L	6010B
460-28327-3	SP-2-WATER					
Aluminum		194	J	200	ug/L	6010B
Barium		52.7	J	200	ug/L	6010B
Calcium		55900		5000	ug/L	6010B
Iron		2230		150	ug/L	6010B
Magnesium		9040		5000	ug/L	6010B
Manganese		1210		15.0	ug/L	6010B
Potassium		2340	J	5000	ug/L	6010B
Sodium		57300		5000	ug/L	6010B
Vanadium		2.2	J	50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-28327-4	SP-1-WATER					
Toluene		0.56	J	1.0	ug/L	8260B
Aluminum		455		200	ug/L	6010B
Barium		38.0	J	200	ug/L	6010B
Calcium		31000		5000	ug/L	6010B
Iron		1770		150	ug/L	6010B
Lead		3.5	J	5.0	ug/L	6010B
Magnesium		6450		5000	ug/L	6010B
Manganese		752		15.0	ug/L	6010B
Potassium		2660	J	5000	ug/L	6010B
Sodium		62700		5000	ug/L	6010B
Vanadium		2.5	J	50.0	ug/L	6010B
Zinc		8.0	J	30.0	ug/L	6010B
460-28327-5	DUPE-WATER					
Aluminum		122	J	200	ug/L	6010B
Barium		131	J	200	ug/L	6010B
Calcium		77100		5000	ug/L	6010B
Copper		7.0	J	25.0	ug/L	6010B
Iron		634		150	ug/L	6010B
Magnesium		16300		5000	ug/L	6010B
Manganese		524		15.0	ug/L	6010B
Potassium		3010	J	5000	ug/L	6010B
Sodium		101000		5000	ug/L	6010B
Zinc		6.1	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
460-28327-6	SP-4-SOLID				
Acetone		120	19	ug/Kg	8260B
2-Butanone		17 J	19	ug/Kg	8260B
Phenanthrene		440 J	640	ug/Kg	8270C
Fluoranthene		840	640	ug/Kg	8270C
Pyrene		750	640	ug/Kg	8270C
Benzo[a]anthracene		420	64	ug/Kg	8270C
Chrysene		490 J	640	ug/Kg	8270C
Benzo[b]fluoranthene		620	64	ug/Kg	8270C
Benzo[k]fluoranthene		220	64	ug/Kg	8270C
Benzo[a]pyrene		510	64	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		470	64	ug/Kg	8270C
Dibenz(a,h)anthracene		68	64	ug/Kg	8270C
Benzo[g,h,i]perylene		430 J	640	ug/Kg	8270C
Aluminum		6730	77.0	mg/Kg	6010B
Arsenic		6.2	1.9	mg/Kg	6010B
Barium		101	77.0	mg/Kg	6010B
Cadmium		0.65 J	1.9	mg/Kg	6010B
Calcium		3350	1930	mg/Kg	6010B
Chromium		12.3	3.9	mg/Kg	6010B
Cobalt		7.4 J	19.3	mg/Kg	6010B
Copper		64.7	9.6	mg/Kg	6010B
Iron		23400	57.8	mg/Kg	6010B
Lead		47.7	1.9	mg/Kg	6010B
Magnesium		2300	1930	mg/Kg	6010B
Manganese		1680	5.8	mg/Kg	6010B
Nickel		14.8 J	15.4	mg/Kg	6010B
Potassium		645 J	1930	mg/Kg	6010B
Sodium		209 J	1930	mg/Kg	6010B
Vanadium		24.0	19.3	mg/Kg	6010B
Zinc		176	11.6	mg/Kg	6010B
Mercury		0.60	0.058	mg/Kg	7471A
Percent Moisture		48.6	1.0	%	Moisture
Percent Solids		51.4	1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-28327-7	SP-3-SOLID					
Trichloroethene		0.77	J	1.1	ug/Kg	8260B
Phenanthrene		170	J	420	ug/Kg	8270C
Fluoranthene		260	J	420	ug/Kg	8270C
Pyrene		220	J	420	ug/Kg	8270C
Benzo[a]anthracene		110		42	ug/Kg	8270C
Chrysene		140	J	420	ug/Kg	8270C
Benzo[b]fluoranthene		140		42	ug/Kg	8270C
Benzo[k]fluoranthene		59		42	ug/Kg	8270C
Benzo[a]pyrene		110		42	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		58		42	ug/Kg	8270C
Dibenz(a,h)anthracene		10	J	42	ug/Kg	8270C
Benzo[g,h,i]perylene		53	J	420	ug/Kg	8270C
Aluminum		2090		48.3	mg/Kg	6010B
Arsenic		1.4		1.2	mg/Kg	6010B
Barium		19.2	J	48.3	mg/Kg	6010B
Calcium		556	J	1210	mg/Kg	6010B
Chromium		4.8		2.4	mg/Kg	6010B
Cobalt		3.0	J	12.1	mg/Kg	6010B
Copper		9.6		6.0	mg/Kg	6010B
Iron		7720		36.2	mg/Kg	6010B
Lead		4.3		1.2	mg/Kg	6010B
Magnesium		1240		1210	mg/Kg	6010B
Manganese		170		3.6	mg/Kg	6010B
Nickel		6.7	J	9.7	mg/Kg	6010B
Potassium		247	J	1210	mg/Kg	6010B
Vanadium		9.0	J	12.1	mg/Kg	6010B
Zinc		37.1		7.2	mg/Kg	6010B
Mercury		0.039		0.037	mg/Kg	7471A
Percent Moisture		21.1		1.0	%	Moisture
Percent Solids		78.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-28327-8	SP-2-SOLID					
Chloroform		0.66	J	1.2	ug/Kg	8260B
Benzo[a]anthracene		29	J	44	ug/Kg	8270C
Benzo[b]fluoranthene		39	J	44	ug/Kg	8270C
Benzo[a]pyrene		28	J	44	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		21	J	44	ug/Kg	8270C
Aluminum		4430		51.8	mg/Kg	6010B
Arsenic		2.6		1.3	mg/Kg	6010B
Barium		49.8	J	51.8	mg/Kg	6010B
Calcium		1330		1300	mg/Kg	6010B
Chromium		7.1		2.6	mg/Kg	6010B
Cobalt		6.3	J	13.0	mg/Kg	6010B
Copper		6.1	J	6.5	mg/Kg	6010B
Iron		12700		38.9	mg/Kg	6010B
Lead		8.8		1.3	mg/Kg	6010B
Magnesium		1890		1300	mg/Kg	6010B
Manganese		993		3.9	mg/Kg	6010B
Nickel		8.3	J	10.4	mg/Kg	6010B
Potassium		263	J	1300	mg/Kg	6010B
Vanadium		13.5		13.0	mg/Kg	6010B
Zinc		50.4		7.8	mg/Kg	6010B
Percent Moisture		25.8		1.0	%	Moisture
Percent Solids		74.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-28327-9	SP-1-SOLID					
Acetone		12	J	14	ug/Kg	8260B
Fluoranthene		130	J	460	ug/Kg	8270C
Pyrene		120	J	460	ug/Kg	8270C
Benzo[a]anthracene		77		46	ug/Kg	8270C
Chrysene		97	J	460	ug/Kg	8270C
Benzo[b]fluoranthene		110		46	ug/Kg	8270C
Benzo[k]fluoranthene		53		46	ug/Kg	8270C
Benzo[a]pyrene		94		46	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		98		46	ug/Kg	8270C
Dibenz(a,h)anthracene		18	J	46	ug/Kg	8270C
Benzo[g,h,i]perylene		79	J	460	ug/Kg	8270C
Aluminum		4000		50.6	mg/Kg	6010B
Arsenic		1.9		1.3	mg/Kg	6010B
Barium		30.1	J	50.6	mg/Kg	6010B
Calcium		1190	J	1270	mg/Kg	6010B
Chromium		9.2		2.5	mg/Kg	6010B
Cobalt		3.5	J	12.7	mg/Kg	6010B
Copper		9.8		6.3	mg/Kg	6010B
Iron		7410		38.0	mg/Kg	6010B
Lead		44.0		1.3	mg/Kg	6010B
Magnesium		1120	J	1270	mg/Kg	6010B
Manganese		194		3.8	mg/Kg	6010B
Nickel		6.2	J	10.1	mg/Kg	6010B
Potassium		355	J	1270	mg/Kg	6010B
Vanadium		12.1	J	12.7	mg/Kg	6010B
Zinc		48.5		7.6	mg/Kg	6010B
Percent Moisture		28.2		1.0	%	Moisture
Percent Solids		71.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-28327-10	DUPE-SOLID					
Chloroform		0.38	J	1.1	ug/Kg	8260B
Trichloroethene		4.6		1.1	ug/Kg	8260B
Phenanthrene		85	J	380	ug/Kg	8270C
Fluoranthene		230	J	380	ug/Kg	8270C
Pyrene		220	J	380	ug/Kg	8270C
Benzo[a]anthracene		120		38	ug/Kg	8270C
Chrysene		150	J	380	ug/Kg	8270C
Benzo[b]fluoranthene		170		38	ug/Kg	8270C
Benzo[k]fluoranthene		59		38	ug/Kg	8270C
Benzo[a]pyrene		150		38	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		100		38	ug/Kg	8270C
Dibenz(a,h)anthracene		17	J	38	ug/Kg	8270C
Benzo[g,h,i]perylene		82	J	380	ug/Kg	8270C
Aluminum		4170		43.0	mg/Kg	6010B
Arsenic		2.9		1.1	mg/Kg	6010B
Barium		36.5	J	43.0	mg/Kg	6010B
Beryllium		0.20	J	0.43	mg/Kg	6010B
Calcium		736	J	1070	mg/Kg	6010B
Chromium		7.2		2.1	mg/Kg	6010B
Cobalt		4.4	J	10.7	mg/Kg	6010B
Copper		15.9		5.4	mg/Kg	6010B
Iron		12400		32.2	mg/Kg	6010B
Lead		6.4		1.1	mg/Kg	6010B
Magnesium		1910		1070	mg/Kg	6010B
Manganese		279		3.2	mg/Kg	6010B
Nickel		9.3		8.6	mg/Kg	6010B
Potassium		388	J	1070	mg/Kg	6010B
Vanadium		13.8		10.7	mg/Kg	6010B
Zinc		51.0		6.4	mg/Kg	6010B
Mercury		0.046		0.035	mg/Kg	7471A
Percent Moisture		13.8		1.0	%	Moisture
Percent Solids		86.2		1.0	%	Moisture

METHOD SUMMARY

Client: HydroQual, Inc.

Job Number: 460-28327-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method	Analyst	Analyst ID
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Moroney, Christopher J	CJM
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Shalayda, Monica	MS
SW846 6010B	Chang, Churn Der	CDC
SW846 6010B	Dave, Virendra	VD
SW846 7470A	Sheikh, Razia B	RBS
SW846 7471A	Staib, Thomas	TS
EPA Moisture	Retana, Camille	CR

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-WATER

Lab Sample ID: 460-28327-1

Date Sampled: 06/30/2011 1100

Client Matrix: Water

Date Received: 07/01/2011 1330

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-78833	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a65657.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 0956			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 0956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	0.37	J	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 122
Toluene-d8 (Surr)	107		69 - 125
Bromofluorobenzene	95		69 - 135

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-WATER

Lab Sample ID: 460-28327-2

Date Sampled: 06/30/2011 0930

Client Matrix: Water

Date Received: 07/01/2011 1330

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-78833	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a65674.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1538			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1538				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	0.20	J	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 122
Toluene-d8 (Surr)	108		69 - 125
Bromofluorobenzene	91		69 - 135

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-WATER

Lab Sample ID: 460-28327-3

Client Matrix: Water

Date Sampled: 06/30/2011 1415

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-78833	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a65675.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1557			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1557				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 122
Toluene-d8 (Surr)	109		69 - 125
Bromofluorobenzene	94		69 - 135

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-WATER

Lab Sample ID: 460-28327-4

Date Sampled: 06/30/2011 1315

Client Matrix: Water

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-78833	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a65676.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1617			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1617				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	0.56	J	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 122
Toluene-d8 (Surr)	107		69 - 125
Bromofluorobenzene	90		69 - 135

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-WATER

Lab Sample ID: 460-28327-5

Date Sampled: 06/30/2011 0000

Client Matrix: Water

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-78833	Instrument ID:	VOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	a65677.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1637			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1637				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 122
Toluene-d8 (Surr)	108		69 - 125
Bromofluorobenzene	93		69 - 135

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-SOLID

Lab Sample ID: 460-28327-6

Date Sampled: 06/30/2011 1100

Client Matrix: Solid

% Moisture: 48.6

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-78926

Instrument ID: VOAMS4

Prep Method: 5035

Prep Batch: 460-78701

Lab File ID: d10708.d

Dilution: 1.0

Initial Weight/Volume: 5.04 g

Analysis Date: 07/06/2011 1348

Final Weight/Volume: 5 mL

Prep Date: 07/01/2011 1718

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.9	U	1.2	1.9
Bromomethane		1.9	U	0.79	1.9
Vinyl chloride		1.9	U	0.45	1.9
Chloroethane		1.9	U	0.77	1.9
Methylene Chloride		1.9	U	0.91	1.9
Acetone		120		7.1	19
Carbon disulfide		1.9	U	0.90	1.9
1,1-Dichloroethene		1.9	U	0.71	1.9
1,1-Dichloroethane		1.9	U	0.49	1.9
trans-1,2-Dichloroethene		1.9	U	0.55	1.9
cis-1,2-Dichloroethene		1.9	U	0.46	1.9
Chloroform		1.9	U	0.46	1.9
1,2-Dichloroethane		1.9	U	0.75	1.9
2-Butanone		17	J	1.1	19
1,1,1-Trichloroethane		1.9	U	0.36	1.9
Carbon tetrachloride		1.9	U	0.19	1.9
Bromodichloromethane		1.9	U	0.59	1.9
1,2-Dichloropropane		1.9	U	0.61	1.9
cis-1,3-Dichloropropene		1.9	U	0.39	1.9
Trichloroethene		1.9	U	0.70	1.9
Dibromochloromethane		1.9	U	1.1	1.9
1,1,2-Trichloroethane		1.9	U	1.1	1.9
Benzene		1.9	U	1.4	1.9
trans-1,3-Dichloropropene		1.9	U	0.43	1.9
Bromoform		1.9	U	1.4	1.9
4-Methyl-2-pentanone		19	U	1.4	19
2-Hexanone		19	U	3.2	19
Tetrachloroethene		1.9	U	0.64	1.9
1,1,2,2-Tetrachloroethane		1.9	U	1.5	1.9
Toluene		1.9	U	0.58	1.9
Chlorobenzene		1.9	U	0.93	1.9
Ethylbenzene		1.9	U	0.37	1.9
Styrene		1.9	U	0.67	1.9
Xylenes, Total		5.8	U	1.5	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 138
Toluene-d8 (Surr)	96		66 - 126
Bromofluorobenzene	97		72 - 132

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-SOLID

Lab Sample ID: 460-28327-7

Date Sampled: 06/30/2011 0930

Client Matrix: Solid

% Moisture: 21.1

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-78823

Instrument ID: VOAMS4

Prep Method: 5035

Prep Batch: 460-78701

Lab File ID: d10682.d

Dilution: 1.0

Initial Weight/Volume: 5.53 g

Analysis Date: 07/05/2011 1510

Final Weight/Volume: 5 mL

Prep Date: 07/01/2011 1718

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.73	1.1
Bromomethane		1.1	U	0.47	1.1
Vinyl chloride		1.1	U	0.27	1.1
Chloroethane		1.1	U	0.46	1.1
Methylene Chloride		1.1	U	0.54	1.1
Acetone		11	U	4.2	11
Carbon disulfide		1.1	U	0.53	1.1
1,1-Dichloroethene		1.1	U	0.42	1.1
1,1-Dichloroethane		1.1	U	0.29	1.1
trans-1,2-Dichloroethene		1.1	U	0.32	1.1
cis-1,2-Dichloroethene		1.1	U	0.27	1.1
Chloroform		1.1	U	0.27	1.1
1,2-Dichloroethane		1.1	U	0.45	1.1
2-Butanone		11	U *	0.65	11
1,1,1-Trichloroethane		1.1	U	0.21	1.1
Carbon tetrachloride		1.1	U	0.12	1.1
Bromodichloromethane		1.1	U	0.35	1.1
1,2-Dichloropropane		1.1	U	0.36	1.1
cis-1,3-Dichloropropene		1.1	U	0.23	1.1
Trichloroethene		0.77	J	0.42	1.1
Dibromochloromethane		1.1	U	0.64	1.1
1,1,2-Trichloroethane		1.1	U	0.68	1.1
Benzene		1.1	U	0.85	1.1
trans-1,3-Dichloropropene		1.1	U	0.25	1.1
Bromoform		1.1	U	0.80	1.1
4-Methyl-2-pentanone		11	U	0.82	11
2-Hexanone		11	U	1.9	11
Tetrachloroethene		1.1	U	0.38	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.87	1.1
Toluene		1.1	U	0.34	1.1
Chlorobenzene		1.1	U	0.55	1.1
Ethylbenzene		1.1	U	0.22	1.1
Styrene		1.1	U	0.40	1.1
Xylenes, Total		3.4	U	0.90	3.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 138
Toluene-d8 (Surr)	98		66 - 126
Bromofluorobenzene	96		72 - 132

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-SOLID

Lab Sample ID: 460-28327-8

Date Sampled: 06/30/2011 1415

Client Matrix: Solid

% Moisture: 25.8

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-78823

Instrument ID: VOAMS4

Prep Method: 5035

Prep Batch: 460-78701

Lab File ID: d10683.d

Dilution: 1.0

Initial Weight/Volume: 5.66 g

Analysis Date: 07/05/2011 1534

Final Weight/Volume: 5 mL

Prep Date: 07/01/2011 1718

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.2	U	0.75	1.2
Bromomethane		1.2	U	0.49	1.2
Vinyl chloride		1.2	U	0.28	1.2
Chloroethane		1.2	U	0.48	1.2
Methylene Chloride		1.2	U	0.56	1.2
Acetone		12	U	4.4	12
Carbon disulfide		1.2	U	0.55	1.2
1,1-Dichloroethene		1.2	U	0.44	1.2
1,1-Dichloroethane		1.2	U	0.30	1.2
trans-1,2-Dichloroethene		1.2	U	0.34	1.2
cis-1,2-Dichloroethene		1.2	U	0.28	1.2
Chloroform		0.66	J	0.28	1.2
1,2-Dichloroethane		1.2	U	0.46	1.2
2-Butanone		12	U *	0.68	12
1,1,1-Trichloroethane		1.2	U	0.22	1.2
Carbon tetrachloride		1.2	U	0.12	1.2
Bromodichloromethane		1.2	U	0.36	1.2
1,2-Dichloropropane		1.2	U	0.38	1.2
cis-1,3-Dichloropropene		1.2	U	0.24	1.2
Trichloroethene		1.2	U	0.43	1.2
Dibromochloromethane		1.2	U	0.67	1.2
1,1,2-Trichloroethane		1.2	U	0.71	1.2
Benzene		1.2	U	0.88	1.2
trans-1,3-Dichloropropene		1.2	U	0.26	1.2
Bromoform		1.2	U	0.83	1.2
4-Methyl-2-pentanone		12	U	0.85	12
2-Hexanone		12	U	2.0	12
Tetrachloroethene		1.2	U	0.39	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.90	1.2
Toluene		1.2	U	0.36	1.2
Chlorobenzene		1.2	U	0.57	1.2
Ethylbenzene		1.2	U	0.23	1.2
Styrene		1.2	U	0.41	1.2
Xylenes, Total		3.6	U	0.94	3.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 138
Toluene-d8 (Surr)	98		66 - 126
Bromofluorobenzene	97		72 - 132

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-SOLID

Lab Sample ID: 460-28327-9

Date Sampled: 06/30/2011 1315

Client Matrix: Solid

% Moisture: 28.2

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-78823

Instrument ID: VOAMS4

Prep Method: 5035

Prep Batch: 460-78701

Lab File ID: d10684.d

Dilution: 1.0

Initial Weight/Volume: 5.11 g

Analysis Date: 07/05/2011 1559

Final Weight/Volume: 5 mL

Prep Date: 07/01/2011 1718

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.4	U	0.86	1.4
Bromomethane		1.4	U	0.56	1.4
Vinyl chloride		1.4	U	0.32	1.4
Chloroethane		1.4	U	0.54	1.4
Methylene Chloride		1.4	U	0.64	1.4
Acetone		12	J	5.0	14
Carbon disulfide		1.4	U	0.63	1.4
1,1-Dichloroethene		1.4	U	0.50	1.4
1,1-Dichloroethane		1.4	U	0.34	1.4
trans-1,2-Dichloroethene		1.4	U	0.39	1.4
cis-1,2-Dichloroethene		1.4	U	0.32	1.4
Chloroform		1.4	U	0.32	1.4
1,2-Dichloroethane		1.4	U	0.53	1.4
2-Butanone		14	U *	0.78	14
1,1,1-Trichloroethane		1.4	U	0.25	1.4
Carbon tetrachloride		1.4	U	0.14	1.4
Bromodichloromethane		1.4	U	0.41	1.4
1,2-Dichloropropane		1.4	U	0.43	1.4
cis-1,3-Dichloropropene		1.4	U	0.27	1.4
Trichloroethene		1.4	U	0.49	1.4
Dibromochloromethane		1.4	U	0.76	1.4
1,1,2-Trichloroethane		1.4	U	0.81	1.4
Benzene		1.4	U	1.0	1.4
trans-1,3-Dichloropropene		1.4	U	0.30	1.4
Bromoform		1.4	U	0.96	1.4
4-Methyl-2-pentanone		14	U	0.97	14
2-Hexanone		14	U	2.3	14
Tetrachloroethene		1.4	U	0.45	1.4
1,1,2,2-Tetrachloroethane		1.4	U	1.0	1.4
Toluene		1.4	U	0.41	1.4
Chlorobenzene		1.4	U	0.66	1.4
Ethylbenzene		1.4	U	0.26	1.4
Styrene		1.4	U	0.47	1.4
Xylenes, Total		4.1	U	1.1	4.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 138
Toluene-d8 (Surr)	98		66 - 126
Bromofluorobenzene	97		72 - 132

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-SOLID

Lab Sample ID: 460-28327-10

Date Sampled: 06/30/2011 0000

Client Matrix: Solid

% Moisture: 13.8

Date Received: 07/01/2011 1253

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-78823

Instrument ID: VOAMS4

Prep Method: 5035

Prep Batch: 460-78701

Lab File ID: d10685.d

Dilution: 1.0

Initial Weight/Volume: 5.42 g

Analysis Date: 07/05/2011 1623

Final Weight/Volume: 5 mL

Prep Date: 07/01/2011 1718

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.68	1.1
Bromomethane		1.1	U	0.44	1.1
Vinyl chloride		1.1	U	0.25	1.1
Chloroethane		1.1	U	0.43	1.1
Methylene Chloride		1.1	U	0.50	1.1
Acetone		11	U	4.0	11
Carbon disulfide		1.1	U	0.50	1.1
1,1-Dichloroethene		1.1	U	0.40	1.1
1,1-Dichloroethane		1.1	U	0.27	1.1
trans-1,2-Dichloroethene		1.1	U	0.30	1.1
cis-1,2-Dichloroethene		1.1	U	0.25	1.1
Chloroform		0.38	J	0.25	1.1
1,2-Dichloroethane		1.1	U	0.42	1.1
2-Butanone		11	U *	0.61	11
1,1,1-Trichloroethane		1.1	U	0.20	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Bromodichloromethane		1.1	U	0.33	1.1
1,2-Dichloropropane		1.1	U	0.34	1.1
cis-1,3-Dichloropropene		1.1	U	0.22	1.1
Trichloroethene		4.6		0.39	1.1
Dibromochloromethane		1.1	U	0.60	1.1
1,1,2-Trichloroethane		1.1	U	0.63	1.1
Benzene		1.1	U	0.79	1.1
trans-1,3-Dichloropropene		1.1	U	0.24	1.1
Bromoform		1.1	U	0.75	1.1
4-Methyl-2-pentanone		11	U	0.77	11
2-Hexanone		11	U	1.8	11
Tetrachloroethene		1.1	U	0.35	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.81	1.1
Toluene		1.1	U	0.32	1.1
Chlorobenzene		1.1	U	0.52	1.1
Ethylbenzene		1.1	U	0.20	1.1
Styrene		1.1	U	0.37	1.1
Xylenes, Total		3.2	U	0.84	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 138
Toluene-d8 (Surr)	98		66 - 126
Bromofluorobenzene	94		72 - 132

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-WATER

Lab Sample ID: 460-28327-1

Date Sampled: 06/30/2011 1100

Client Matrix: Water

Date Received: 07/01/2011 1330

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16298.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1420			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.89	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.2	30
Pentachlorophenol	30	U	5.1	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	4.6	10
1,2-Dichlorobenzene	10	U	3.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	1.0	U	0.52	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Phenanthrene	10	U	3.6	10

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-WATER

Lab Sample ID: 460-28327-1

Date Sampled: 06/30/2011 1100

Client Matrix: Water

Date Received: 07/01/2011 1330

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16298.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1420			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	90		56 - 112
Phenol-d5	17		10 - 48
Terphenyl-d14	92		50 - 122
2,4,6-Tribromophenol	88		46 - 122
2-Fluorophenol	30		10 - 65
2-Fluorobiphenyl	94		53 - 108

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-WATER

Lab Sample ID: 460-28327-2

Date Sampled: 06/30/2011 0930

Client Matrix: Water

Date Received: 07/01/2011 1330

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16299.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1444			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.89	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.2	30
Pentachlorophenol	30	U	5.1	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	4.6	10
1,2-Dichlorobenzene	10	U	3.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	1.0	U	0.52	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Phenanthrene	10	U	3.6	10

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-WATER

Lab Sample ID: 460-28327-2

Date Sampled: 06/30/2011 0930

Client Matrix: Water

Date Received: 07/01/2011 1330

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16299.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1444			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		56 - 112
Phenol-d5	14		10 - 48
Terphenyl-d14	86		50 - 122
2,4,6-Tribromophenol	74		46 - 122
2-Fluorophenol	26		10 - 65
2-Fluorobiphenyl	83		53 - 108

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-WATER

Lab Sample ID: 460-28327-3

Date Sampled: 06/30/2011 1415

Client Matrix: Water

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16300.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1508			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.89	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.2	30
Pentachlorophenol	30	U	5.1	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	4.6	10
1,2-Dichlorobenzene	10	U	3.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	1.0	U	0.52	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Phenanthrene	10	U	3.6	10

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-WATER

Lab Sample ID: 460-28327-3

Date Sampled: 06/30/2011 1415

Client Matrix: Water

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16300.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1508			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		56 - 112
Phenol-d5	16		10 - 48
Terphenyl-d14	86		50 - 122
2,4,6-Tribromophenol	77		46 - 122
2-Fluorophenol	29		10 - 65
2-Fluorobiphenyl	86		53 - 108

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-WATER

Lab Sample ID: 460-28327-4

Date Sampled: 06/30/2011 1315

Client Matrix: Water

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16301.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1532			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.89	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.2	30
Pentachlorophenol	30	U	5.1	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	4.6	10
1,2-Dichlorobenzene	10	U	3.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	1.0	U	0.52	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Phenanthrene	10	U	3.6	10

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-WATER

Lab Sample ID: 460-28327-4

Client Matrix: Water

Date Sampled: 06/30/2011 1315

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16301.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1532			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		56 - 112
Phenol-d5	15		10 - 48
Terphenyl-d14	91		50 - 122
2,4,6-Tribromophenol	76		46 - 122
2-Fluorophenol	27		10 - 65
2-Fluorobiphenyl	87		53 - 108

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-WATER

Lab Sample ID: 460-28327-5

Date Sampled: 06/30/2011 0000

Client Matrix: Water

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16302.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1556			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.89	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.2	30
Pentachlorophenol	30	U	5.1	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	4.6	10
1,2-Dichlorobenzene	10	U	3.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	1.0	U	0.52	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Phenanthrene	10	U	3.6	10

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-WATER

Lab Sample ID: 460-28327-5

Date Sampled: 06/30/2011 0000

Client Matrix: Water

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-79096	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-78746	Lab File ID:	x16302.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/06/2011 1556			Final Weight/Volume:	2 mL
Prep Date:	07/04/2011 0745			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		56 - 112
Phenol-d5	15		10 - 48
Terphenyl-d14	87		50 - 122
2,4,6-Tribromophenol	79		46 - 122
2-Fluorophenol	28		10 - 65
2-Fluorobiphenyl	89		53 - 108

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-SOLID

Lab Sample ID: 460-28327-6

Date Sampled: 06/30/2011 1100

Client Matrix: Solid

% Moisture: 48.6

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18196.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/05/2011 2057			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		640	U	79	640
2-Chlorophenol		640	U	86	640
2-Methylphenol		640	U	93	640
4-Methylphenol		640	U	110	640
2-Nitrophenol		640	U	110	640
2,4-Dimethylphenol		640	U	100	640
2,4-Dichlorophenol		640	U	100	640
4-Chloro-3-methylphenol		640	U	110	640
2,4,6-Trichlorophenol		640	U	120	640
2,4,5-Trichlorophenol		640	U	120	640
2,4-Dinitrophenol		1900	U	140	1900
4-Nitrophenol		1900	U	170	1900
4,6-Dinitro-2-methylphenol		1900	U	310	1900
Pentachlorophenol		1900	U	310	1900
Bis(2-chloroethyl)ether		64	U	13	64
1,3-Dichlorobenzene		640	U	88	640
1,4-Dichlorobenzene		640	U	96	640
1,2-Dichlorobenzene		640	U	100	640
N-Nitrosodi-n-propylamine		64	U	8.5	64
Hexachloroethane		64	U	11	64
Nitrobenzene		64	U	14	64
Isophorone		640	U	74	640
Bis(2-chloroethoxy)methane		640	U	92	640
1,2,4-Trichlorobenzene		64	U	11	64
Naphthalene		640	U	94	640
4-Chloroaniline		640	U	81	640
Hexachlorobutadiene		130	U	26	130
2-Methylnaphthalene		640	U	94	640
Hexachlorocyclopentadiene		640	U	190	640
2-Chloronaphthalene		640	U	91	640
2-Nitroaniline		1300	U	180	1300
Dimethyl phthalate		640	U	87	640
Acenaphthylene		640	U	92	640
2,6-Dinitrotoluene		130	U	16	130
3-Nitroaniline		1300	U	150	1300
Acenaphthene		640	U	92	640
Dibenzofuran		640	U	97	640
2,4-Dinitrotoluene		130	U	19	130
Diethyl phthalate		640	U	86	640
4-Chlorophenyl phenyl ether		640	U	110	640
Fluorene		640	U	110	640
4-Nitroaniline		1300	U	130	1300
N-Nitrosodiphenylamine		640	U	100	640
4-Bromophenyl phenyl ether		640	U	110	640
Hexachlorobenzene		64	U	8.9	64
Phenanthrene		440	J	110	640

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-SOLID

Lab Sample ID: 460-28327-6

Date Sampled: 06/30/2011 1100

Client Matrix: Solid

% Moisture: 48.6

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18196.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/05/2011 2057			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Anthracene		640	U	110	640
Carbazole		640	U	100	640
Di-n-butyl phthalate		640	U	98	640
Fluoranthene		840		110	640
Pyrene		750		110	640
Butyl benzyl phthalate		640	U	75	640
3,3'-Dichlorobenzidine		1300	U	140	1300
Benzo[a]anthracene		420		12	64
Chrysene		490	J	94	640
Bis(2-ethylhexyl) phthalate		640	U	85	640
Di-n-octyl phthalate		640	U	76	640
Benzo[b]fluoranthene		620		9.6	64
Benzo[k]fluoranthene		220		9.0	64
Benzo[a]pyrene		510		7.9	64
Indeno[1,2,3-cd]pyrene		470		10	64
Dibenz(a,h)anthracene		68		7.7	64
Benzo[g,h,i]perylene		430	J	68	640
bis (2-chloroisopropyl) ether		640	U	84	640

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	76		40 - 109

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-SOLID

Lab Sample ID: 460-28327-7

Date Sampled: 06/30/2011 0930

Client Matrix: Solid

% Moisture: 21.1

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18188.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/05/2011 1801			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		420	U	51	420
2-Chlorophenol		420	U	56	420
2-Methylphenol		420	U	60	420
4-Methylphenol		420	U	69	420
2-Nitrophenol		420	U	69	420
2,4-Dimethylphenol		420	U	67	420
2,4-Dichlorophenol		420	U	67	420
4-Chloro-3-methylphenol		420	U	70	420
2,4,6-Trichlorophenol		420	U	75	420
2,4,5-Trichlorophenol		420	U	81	420
2,4-Dinitrophenol		1300	U	89	1300
4-Nitrophenol		1300	U	110	1300
4,6-Dinitro-2-methylphenol		1300	U	200	1300
Pentachlorophenol		1300	U	200	1300
Bis(2-chloroethyl)ether		42	U	8.7	42
1,3-Dichlorobenzene		420	U	57	420
1,4-Dichlorobenzene		420	U	63	420
1,2-Dichlorobenzene		420	U	67	420
N-Nitrosodi-n-propylamine		42	U	5.5	42
Hexachloroethane		42	U	7.1	42
Nitrobenzene		42	U	9.4	42
Isophorone		420	U	48	420
Bis(2-chloroethoxy)methane		420	U	60	420
1,2,4-Trichlorobenzene		42	U	6.8	42
Naphthalene		420	U	61	420
4-Chloroaniline		420	U	53	420
Hexachlorobutadiene		85	U	17	85
2-Methylnaphthalene		420	U	61	420
Hexachlorocyclopentadiene		420	U	120	420
2-Chloronaphthalene		420	U	59	420
2-Nitroaniline		850	U	110	850
Dimethyl phthalate		420	U	57	420
Acenaphthylene		420	U	60	420
2,6-Dinitrotoluene		85	U	11	85
3-Nitroaniline		850	U	95	850
Acenaphthene		420	U	60	420
Dibenzofuran		420	U	63	420
2,4-Dinitrotoluene		85	U	12	85
Diethyl phthalate		420	U	56	420
4-Chlorophenyl phenyl ether		420	U	72	420
Fluorene		420	U	71	420
4-Nitroaniline		850	U	86	850
N-Nitrosodiphenylamine		420	U	68	420
4-Bromophenyl phenyl ether		420	U	75	420
Hexachlorobenzene		42	U	5.8	42
Phenanthrene		170	J	73	420

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-SOLID

Lab Sample ID: 460-28327-7

Date Sampled: 06/30/2011 0930

Client Matrix: Solid

% Moisture: 21.1

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18188.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/05/2011 1801			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Anthracene		420	U	74	420
Carbazole		420	U	67	420
Di-n-butyl phthalate		420	U	64	420
Fluoranthene		260	J	70	420
Pyrene		220	J	72	420
Butyl benzyl phthalate		420	U	49	420
3,3'-Dichlorobenzidine		850	U	93	850
Benzo[a]anthracene		110		7.7	42
Chrysene		140	J	61	420
Bis(2-ethylhexyl) phthalate		420	U	56	420
Di-n-octyl phthalate		420	U	50	420
Benzo[b]fluoranthene		140		6.2	42
Benzo[k]fluoranthene		59		5.9	42
Benzo[a]pyrene		110		5.2	42
Indeno[1,2,3-cd]pyrene		58		6.7	42
Dibenz(a,h)anthracene		10	J	5.0	42
Benzo[g,h,i]perylene		53	J	44	420
bis (2-chloroisopropyl) ether		420	U	55	420

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	96		16 - 151
2,4,6-Tribromophenol	66		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	78		40 - 109

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-SOLID

Lab Sample ID: 460-28327-8

Date Sampled: 06/30/2011 1415

Client Matrix: Solid

% Moisture: 25.8

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18187.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/05/2011 1739			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		440	U	54	440
2-Chlorophenol		440	U	59	440
2-Methylphenol		440	U	64	440
4-Methylphenol		440	U	73	440
2-Nitrophenol		440	U	73	440
2,4-Dimethylphenol		440	U	71	440
2,4-Dichlorophenol		440	U	71	440
4-Chloro-3-methylphenol		440	U	75	440
2,4,6-Trichlorophenol		440	U	80	440
2,4,5-Trichlorophenol		440	U	86	440
2,4-Dinitrophenol		1300	U	94	1300
4-Nitrophenol		1300	U	110	1300
4,6-Dinitro-2-methylphenol		1300	U	210	1300
Pentachlorophenol		1300	U	220	1300
Bis(2-chloroethyl)ether		44	U	9.3	44
1,3-Dichlorobenzene		440	U	61	440
1,4-Dichlorobenzene		440	U	66	440
1,2-Dichlorobenzene		440	U	71	440
N-Nitrosodi-n-propylamine		44	U	5.9	44
Hexachloroethane		44	U	7.5	44
Nitrobenzene		44	U	10	44
Isophorone		440	U	51	440
Bis(2-chloroethoxy)methane		440	U	63	440
1,2,4-Trichlorobenzene		44	U	7.3	44
Naphthalene		440	U	65	440
4-Chloroaniline		440	U	56	440
Hexachlorobutadiene		90	U	18	90
2-Methylnaphthalene		440	U	65	440
Hexachlorocyclopentadiene		440	U	130	440
2-Chloronaphthalene		440	U	63	440
2-Nitroaniline		900	U	120	900
Dimethyl phthalate		440	U	60	440
Acenaphthylene		440	U	64	440
2,6-Dinitrotoluene		90	U	11	90
3-Nitroaniline		900	U	100	900
Acenaphthene		440	U	63	440
Dibenzofuran		440	U	67	440
2,4-Dinitrotoluene		90	U	13	90
Diethyl phthalate		440	U	60	440
4-Chlorophenyl phenyl ether		440	U	77	440
Fluorene		440	U	75	440
4-Nitroaniline		900	U	92	900
N-Nitrosodiphenylamine		440	U	73	440
4-Bromophenyl phenyl ether		440	U	79	440
Hexachlorobenzene		44	U	6.2	44
Phenanthrene		440	U	78	440

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-SOLID

Lab Sample ID: 460-28327-8

Date Sampled: 06/30/2011 1415

Client Matrix: Solid

% Moisture: 25.8

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18187.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	07/05/2011 1739			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Anthracene		440	U	79	440
Carbazole		440	U	71	440
Di-n-butyl phthalate		440	U	68	440
Fluoranthene		440	U	74	440
Pyrene		440	U	77	440
Butyl benzyl phthalate		440	U	52	440
3,3'-Dichlorobenzidine		900	U	98	900
Benzo[a]anthracene		29	J	8.2	44
Chrysene		440	U	65	440
Bis(2-ethylhexyl) phthalate		440	U	59	440
Di-n-octyl phthalate		440	U	53	440
Benzo[b]fluoranthene		39	J	6.6	44
Benzo[k]fluoranthene		44	U	6.2	44
Benzo[a]pyrene		28	J	5.5	44
Indeno[1,2,3-cd]pyrene		21	J	7.1	44
Dibenz(a,h)anthracene		44	U	5.4	44
Benzo[g,h,i]perylene		440	U	47	440
bis (2-chloroisopropyl) ether		440	U	58	440

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		38 - 105
Phenol-d5	74		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	61		10 - 120
2-Fluorophenol	71		37 - 125
2-Fluorobiphenyl	71		40 - 109

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-SOLID

Lab Sample ID: 460-28327-9

Date Sampled: 06/30/2011 1315

Client Matrix: Solid

% Moisture: 28.2

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18194.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/05/2011 2013			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		460	U	56	460
2-Chlorophenol		460	U	62	460
2-Methylphenol		460	U	66	460
4-Methylphenol		460	U	75	460
2-Nitrophenol		460	U	76	460
2,4-Dimethylphenol		460	U	74	460
2,4-Dichlorophenol		460	U	74	460
4-Chloro-3-methylphenol		460	U	77	460
2,4,6-Trichlorophenol		460	U	82	460
2,4,5-Trichlorophenol		460	U	89	460
2,4-Dinitrophenol		1400	U	98	1400
4-Nitrophenol		1400	U	120	1400
4,6-Dinitro-2-methylphenol		1400	U	220	1400
Pentachlorophenol		1400	U	230	1400
Bis(2-chloroethyl)ether		46	U	9.6	46
1,3-Dichlorobenzene		460	U	63	460
1,4-Dichlorobenzene		460	U	69	460
1,2-Dichlorobenzene		460	U	74	460
N-Nitrosodi-n-propylamine		46	U	6.1	46
Hexachloroethane		46	U	7.8	46
Nitrobenzene		46	U	10	46
Isophorone		460	U	53	460
Bis(2-chloroethoxy)methane		460	U	66	460
1,2,4-Trichlorobenzene		46	U	7.5	46
Naphthalene		460	U	67	460
4-Chloroaniline		460	U	58	460
Hexachlorobutadiene		93	U	19	93
2-Methylnaphthalene		460	U	67	460
Hexachlorocyclopentadiene		460	U	130	460
2-Chloronaphthalene		460	U	65	460
2-Nitroaniline		930	U	130	930
Dimethyl phthalate		460	U	62	460
Acenaphthylene		460	U	66	460
2,6-Dinitrotoluene		93	U	12	93
3-Nitroaniline		930	U	100	930
Acenaphthene		460	U	66	460
Dibenzofuran		460	U	69	460
2,4-Dinitrotoluene		93	U	13	93
Diethyl phthalate		460	U	62	460
4-Chlorophenyl phenyl ether		460	U	79	460
Fluorene		460	U	78	460
4-Nitroaniline		930	U	95	930
N-Nitrosodiphenylamine		460	U	75	460
4-Bromophenyl phenyl ether		460	U	82	460
Hexachlorobenzene		46	U	6.4	46
Phenanthrene		460	U	80	460

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-SOLID

Lab Sample ID: 460-28327-9

Date Sampled: 06/30/2011 1315

Client Matrix: Solid

% Moisture: 28.2

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18194.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	07/05/2011 2013			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Anthracene		460	U	81	460
Carbazole		460	U	73	460
Di-n-butyl phthalate		460	U	70	460
Fluoranthene		130	J	77	460
Pyrene		120	J	80	460
Butyl benzyl phthalate		460	U	54	460
3,3'-Dichlorobenzidine		930	U	100	930
Benzo[a]anthracene		77		8.5	46
Chrysene		97	J	67	460
Bis(2-ethylhexyl) phthalate		460	U	61	460
Di-n-octyl phthalate		460	U	55	460
Benzo[b]fluoranthene		110		6.9	46
Benzo[k]fluoranthene		53		6.4	46
Benzo[a]pyrene		94		5.7	46
Indeno[1,2,3-cd]pyrene		98		7.4	46
Dibenz(a,h)anthracene		18	J	5.5	46
Benzo[g,h,i]perylene		79	J	49	460
bis (2-chloroisopropyl) ether		460	U	60	460

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		38 - 105
Phenol-d5	67		41 - 118
Terphenyl-d14	87		16 - 151
2,4,6-Tribromophenol	58		10 - 120
2-Fluorophenol	65		37 - 125
2-Fluorobiphenyl	73		40 - 109

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-SOLID

Lab Sample ID: 460-28327-10

Date Sampled: 06/30/2011 0000

Client Matrix: Solid

% Moisture: 13.8

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18195.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	07/05/2011 2035			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	63	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
4-Chloro-3-methylphenol		380	U	64	380
2,4,6-Trichlorophenol		380	U	69	380
2,4,5-Trichlorophenol		380	U	74	380
2,4-Dinitrophenol		1200	U	81	1200
4-Nitrophenol		1200	U	98	1200
4,6-Dinitro-2-methylphenol		1200	U	180	1200
Pentachlorophenol		1200	U	190	1200
Bis(2-chloroethyl)ether		38	U	8.0	38
1,3-Dichlorobenzene		380	U	52	380
1,4-Dichlorobenzene		380	U	57	380
1,2-Dichlorobenzene		380	U	61	380
N-Nitrosodi-n-propylamine		38	U	5.1	38
Hexachloroethane		38	U	6.5	38
Nitrobenzene		38	U	8.6	38
Isophorone		380	U	44	380
Bis(2-chloroethoxy)methane		380	U	55	380
1,2,4-Trichlorobenzene		38	U	6.3	38
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		78	U	16	78
2-Methylnaphthalene		380	U	56	380
Hexachlorocyclopentadiene		380	U	110	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		780	U	100	780
Dimethyl phthalate		380	U	52	380
Acenaphthylene		380	U	55	380
2,6-Dinitrotoluene		78	U	9.7	78
3-Nitroaniline		780	U	87	780
Acenaphthene		380	U	55	380
Dibenzofuran		380	U	58	380
2,4-Dinitrotoluene		78	U	11	78
Diethyl phthalate		380	U	51	380
4-Chlorophenyl phenyl ether		380	U	66	380
Fluorene		380	U	65	380
4-Nitroaniline		780	U	79	780
N-Nitrosodiphenylamine		380	U	62	380
4-Bromophenyl phenyl ether		380	U	68	380
Hexachlorobenzene		38	U	5.3	38
Phenanthrene		85	J	67	380

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-SOLID

Lab Sample ID: 460-28327-10

Date Sampled: 06/30/2011 0000

Client Matrix: Solid

% Moisture: 13.8

Date Received: 07/01/2011 1253

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-78970	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-78748	Lab File ID:	z18195.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	07/05/2011 2035			Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Anthracene		380	U	68	380
Carbazole		380	U	61	380
Di-n-butyl phthalate		380	U	59	380
Fluoranthene		230	J	64	380
Pyrene		220	J	66	380
Butyl benzyl phthalate		380	U	45	380
3,3'-Dichlorobenzidine		780	U	85	780
Benzo[a]anthracene		120		7.1	38
Chrysene		150	J	56	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Benzo[b]fluoranthene		170		5.7	38
Benzo[k]fluoranthene		59		5.4	38
Benzo[a]pyrene		150		4.7	38
Indeno[1,2,3-cd]pyrene		100		6.1	38
Dibenz(a,h)anthracene		17	J	4.6	38
Benzo[g,h,i]perylene		82	J	40	380
bis (2-chloroisopropyl) ether		380	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	96		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	80		40 - 109

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-WATER

Lab Sample ID: 460-28327-1

Date Sampled: 06/30/2011 1100

Client Matrix: Water

Date Received: 07/01/2011 1330

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-79135	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79065V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0038			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

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	115	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	70000		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	779		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	14100		56.9	5000
Manganese	2770		2.5	15.0
Nickel	4.7	J	3.5	40.0
Potassium	3310	J	209	5000
Selenium	10.0	U	4.8	10.0
Sodium	103000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	7.5	J	5.8	30.0

Analysis Method:	6010B	Analysis Batch:	460-79298	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79192V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 1935			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	0.97	10.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-78847	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-78815	Lab File ID:	78815hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	07/05/2011 1343			Final Weight/Volume:	30 mL
Prep Date:	07/05/2011 1156				

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

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-WATER

Lab Sample ID: 460-28327-2

Date Sampled: 06/30/2011 0930

Client Matrix: Water

Date Received: 07/01/2011 1330

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-79135	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79065V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0103			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	127	J	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	3.9	J	3.8	5.0
Barium	134	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	79300		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	7.1	J	3.6	25.0
Iron	656		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	16600		56.9	5000
Manganese	544		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3100	J	209	5000
Selenium	10.0	U	4.8	10.0
Sodium	103000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	6.7	J	5.8	30.0

Analysis Method:	6010B	Analysis Batch:	460-79298	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79192V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 1941			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	0.97	10.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-78847	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-78815	Lab File ID:	78815hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	07/05/2011 1349			Final Weight/Volume:	30 mL
Prep Date:	07/05/2011 1156				

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

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-WATER

Lab Sample ID: 460-28327-3

Date Sampled: 06/30/2011 1415

Client Matrix: Water

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-79135	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79065V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0109			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	194	J	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	52.7	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	55900		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	2230		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	9040		56.9	5000
Manganese	1210		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	2340	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	57300		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.2	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-78847	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-78815	Lab File ID:	78815hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	07/05/2011 1351			Final Weight/Volume:	30 mL
Prep Date:	07/05/2011 1156				

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

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-WATER

Lab Sample ID: 460-28327-4

Date Sampled: 06/30/2011 1315

Client Matrix: Water

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-79135	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79065V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0115			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	455		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	38.0	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	31000		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	1770		40.2	150
Lead	3.5	J	2.8	5.0
Magnesium	6450		56.9	5000
Manganese	752		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	2660	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	62700		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.5	J	2.0	50.0
Zinc	8.0	J	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-78847	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-78815	Lab File ID:	78815hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	07/05/2011 1357			Final Weight/Volume:	30 mL
Prep Date:	07/05/2011 1156				

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

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-WATER

Lab Sample ID: 460-28327-5

Date Sampled: 06/30/2011 0000

Client Matrix: Water

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-79135	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79065V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0134			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	122	J	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	131	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	77100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	7.0	J	3.6	25.0
Iron	634		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	16300		56.9	5000
Manganese	524		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3010	J	209	5000
Selenium	10.0	U	4.8	10.0
Sodium	101000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	6.1	J	5.8	30.0

Analysis Method:	6010B	Analysis Batch:	460-79298	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-79125	Lab File ID:	79192V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 1947			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	0.97	10.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-78847	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-78815	Lab File ID:	78815hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	07/05/2011 1359			Final Weight/Volume:	30 mL
Prep Date:	07/05/2011 1156				

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

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-4-SOLID

Lab Sample ID: 460-28327-6

Date Sampled: 06/30/2011 1100

Client Matrix: Solid

% Moisture: 48.6

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-78770

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-78703

Lab File ID: 07052011.asc

Dilution: 4.0

Initial Weight/Volume: 1.01 g

Analysis Date: 07/03/2011 1157

Final Weight/Volume: 50 mL

Prep Date: 07/01/2011 1745

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		6730		28.2	77.0
Antimony		3.9	U	1.7	3.9
Arsenic		6.2		1.3	1.9
Barium		101		2.3	77.0
Beryllium		0.77	U	0.34	0.77
Cadmium		0.65	J	0.30	1.9
Calcium		3350		50.6	1930
Chromium		12.3		2.3	3.9
Cobalt		7.4	J	2.4	19.3
Copper		64.7		1.6	9.6
Iron		23400		20.4	57.8
Lead		47.7		0.96	1.9
Magnesium		2300		20.4	1930
Manganese		1680		2.2	5.8
Nickel		14.8	J	1.0	15.4
Potassium		645	J	86.9	1930
Selenium		3.9	U	1.8	3.9
Silver		3.9	U	0.29	3.9
Sodium		209	J	118	1930
Thallium		3.9	U	1.9	3.9
Vanadium		24.0		1.0	19.3
Zinc		176		1.9	11.6

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-78873

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-78857

Lab File ID: 070511.PRN

Dilution: 1.0

Initial Weight/Volume: 0.66 g

Analysis Date: 07/05/2011 2208

Final Weight/Volume: 100 mL

Prep Date: 07/05/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.60		0.039	0.058

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-3-SOLID

Lab Sample ID: 460-28327-7

Date Sampled: 06/30/2011 0930

Client Matrix: Solid

% Moisture: 21.1

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-78770

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-78703

Lab File ID: 07052011.asc

Dilution: 4.0

Initial Weight/Volume: 1.05 g

Analysis Date: 07/03/2011 1201

Final Weight/Volume: 50 mL

Prep Date: 07/01/2011 1745

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		2090		17.7	48.3
Antimony		2.4	U	1.1	2.4
Arsenic		1.4		0.84	1.2
Barium		19.2	J	1.5	48.3
Beryllium		0.48	U	0.21	0.48
Cadmium		1.2	U	0.19	1.2
Calcium		556	J	31.7	1210
Chromium		4.8		1.4	2.4
Cobalt		3.0	J	1.5	12.1
Copper		9.6		0.99	6.0
Iron		7720		12.8	36.2
Lead		4.3		0.60	1.2
Magnesium		1240		12.8	1210
Manganese		170		1.4	3.6
Nickel		6.7	J	0.65	9.7
Potassium		247	J	54.5	1210
Selenium		2.4	U	1.1	2.4
Silver		2.4	U	0.18	2.4
Sodium		1210	U	74.1	1210
Thallium		2.4	U	1.2	2.4
Vanadium		9.0	J	0.63	12.1
Zinc		37.1		1.2	7.2

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-78873

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-78857

Lab File ID: 070511.PRN

Dilution: 1.0

Initial Weight/Volume: 0.67 g

Analysis Date: 07/05/2011 2210

Final Weight/Volume: 100 mL

Prep Date: 07/05/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.039		0.025	0.037

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-2-SOLID

Lab Sample ID: 460-28327-8

Date Sampled: 06/30/2011 1415

Client Matrix: Solid

% Moisture: 25.8

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-78770

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-78703

Lab File ID: 07052011.asc

Dilution: 4.0

Initial Weight/Volume: 1.04 g

Analysis Date: 07/03/2011 1205

Final Weight/Volume: 50 mL

Prep Date: 07/01/2011 1745

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		4430		19.0	51.8
Antimony		2.6	U	1.1	2.6
Arsenic		2.6		0.90	1.3
Barium		49.8	J	1.6	51.8
Beryllium		0.52	U	0.23	0.52
Cadmium		1.3	U	0.20	1.3
Calcium		1330		34.1	1300
Chromium		7.1		1.5	2.6
Cobalt		6.3	J	1.6	13.0
Copper		6.1	J	1.1	6.5
Iron		12700		13.8	38.9
Lead		8.8		0.65	1.3
Magnesium		1890		13.7	1300
Manganese		993		1.5	3.9
Nickel		8.3	J	0.69	10.4
Potassium		263	J	58.5	1300
Selenium		2.6	U	1.2	2.6
Silver		2.6	U	0.20	2.6
Sodium		1300	U	79.6	1300
Thallium		2.6	U	1.3	2.6
Vanadium		13.5		0.67	13.0
Zinc		50.4		1.3	7.8

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-78873

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-78857

Lab File ID: 070511.PRN

Dilution: 1.0

Initial Weight/Volume: 0.64 g

Analysis Date: 07/05/2011 2212

Final Weight/Volume: 100 mL

Prep Date: 07/05/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.042	U	0.028	0.042

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: SP-1-SOLID

Lab Sample ID: 460-28327-9

Date Sampled: 06/30/2011 1315

Client Matrix: Solid

% Moisture: 28.2

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-78770

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-78703

Lab File ID: 07052011.asc

Dilution: 4.0

Initial Weight/Volume: 1.10 g

Analysis Date: 07/03/2011 1209

Final Weight/Volume: 50 mL

Prep Date: 07/01/2011 1745

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		4000		18.6	50.6
Antimony		2.5	U	1.1	2.5
Arsenic		1.9		0.88	1.3
Barium		30.1	J	1.5	50.6
Beryllium		0.51	U	0.22	0.51
Cadmium		1.3	U	0.20	1.3
Calcium		1190	J	33.3	1270
Chromium		9.2		1.5	2.5
Cobalt		3.5	J	1.6	12.7
Copper		9.8		1.0	6.3
Iron		7410		13.4	38.0
Lead		44.0		0.63	1.3
Magnesium		1120	J	13.4	1270
Manganese		194		1.4	3.8
Nickel		6.2	J	0.68	10.1
Potassium		355	J	57.1	1270
Selenium		2.5	U	1.2	2.5
Silver		2.5	U	0.19	2.5
Sodium		1270	U	77.7	1270
Thallium		2.5	U	1.2	2.5
Vanadium		12.1	J	0.66	12.7
Zinc		48.5		1.2	7.6

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-78873

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-78857

Lab File ID: 070511.PRN

Dilution: 1.0

Initial Weight/Volume: 0.60 g

Analysis Date: 07/05/2011 2214

Final Weight/Volume: 100 mL

Prep Date: 07/05/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.046	U	0.031	0.046

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

Client Sample ID: DUPE-SOLID

Lab Sample ID: 460-28327-10

Date Sampled: 06/30/2011 0000

Client Matrix: Solid

% Moisture: 13.8

Date Received: 07/01/2011 1253

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-78770

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-78703

Lab File ID: 07052011.asc

Dilution: 4.0

Initial Weight/Volume: 1.08 g

Analysis Date: 07/03/2011 1212

Final Weight/Volume: 50 mL

Prep Date: 07/01/2011 1745

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		4170		15.7	43.0
Antimony		2.1	U	0.95	2.1
Arsenic		2.9		0.75	1.1
Barium		36.5	J	1.3	43.0
Beryllium		0.20	J	0.19	0.43
Cadmium		1.1	U	0.17	1.1
Calcium		736	J	28.3	1070
Chromium		7.2		1.3	2.1
Cobalt		4.4	J	1.3	10.7
Copper		15.9		0.88	5.4
Iron		12400		11.4	32.2
Lead		6.4		0.54	1.1
Magnesium		1910		11.4	1070
Manganese		279		1.2	3.2
Nickel		9.3		0.58	8.6
Potassium		388	J	48.5	1070
Selenium		2.1	U	1.0	2.1
Silver		2.1	U	0.16	2.1
Sodium		1070	U	66.0	1070
Thallium		2.1	U	1.0	2.1
Vanadium		13.8		0.56	10.7
Zinc		51.0		1.1	6.4

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-78873

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-78857

Lab File ID: 070511.PRN

Dilution: 1.0

Initial Weight/Volume: 0.65 g

Analysis Date: 07/05/2011 2216

Final Weight/Volume: 100 mL

Prep Date: 07/05/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.046		0.024	0.035

Analytical Data

Client: HydroQual, Inc.

Job Number: 460-28327-1

General Chemistry**Client Sample ID: SP-4-SOLID**

Lab Sample ID: 460-28327-6

Date Sampled: 06/30/2011 1100

Client Matrix: Solid

Date Received: 07/01/2011 1253

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	48.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N
Percent Solids	51.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N

Client: HydroQual, Inc.

Job Number: 460-28327-1

General Chemistry

Client Sample ID: SP-3-SOLID

Lab Sample ID: 460-28327-7

Client Matrix: Solid

Date Sampled: 06/30/2011 0930

Date Received: 07/01/2011 1253

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N
Percent Solids	78.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N

Client: HydroQual, Inc.

Job Number: 460-28327-1

General Chemistry

Client Sample ID: SP-2-SOLID

Lab Sample ID: 460-28327-8

Client Matrix: Solid

Date Sampled: 06/30/2011 1415

Date Received: 07/01/2011 1253

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	25.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N
Percent Solids	74.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N

Client: HydroQual, Inc.

Job Number: 460-28327-1

General Chemistry

Client Sample ID: SP-1-SOLID

Lab Sample ID: 460-28327-9

Client Matrix: Solid

Date Sampled: 06/30/2011 1315

Date Received: 07/01/2011 1253

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N
Percent Solids	71.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N

Client: HydroQual, Inc.

Job Number: 460-28327-1

General Chemistry

Client Sample ID: DUPE-SOLID

Lab Sample ID: 460-28327-10

Date Sampled: 06/30/2011 0000

Client Matrix: Solid

Date Received: 07/01/2011 1253

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N
Percent Solids	86.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-78676	Analysis Date: 07/01/2011 1634					DryWt Corrected: N

Client: HydroQual, Inc.

Job Number: 460-28327-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-28327-6	SP-4-SOLID	99	96	97
460-28327-7	SP-3-SOLID	92	98	96
460-28327-8	SP-2-SOLID	93	98	97
460-28327-9	SP-1-SOLID	94	98	97
460-28327-10	DUPE-SOLID	95	98	94
MB 460-78823/5		95	99	94
MB 460-78926/5		97	95	95
LCS 460-78823/3		95	98	96
LCS 460-78926/3		99	97	98
LCSD 460-78823/4		94	98	97
LCSD 460-78926/4		98	96	98

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: HydroQual, Inc.

Job Number: 460-28327-1

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

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-28327-1	SP-4-WATER	113	107	95
460-28327-2	SP-3-WATER	119	108	91
460-28327-3	SP-2-WATER	108	109	94
460-28327-4	SP-1-WATER	119	107	90
460-28327-5	DUPE-WATER	119	108	93
MB 460-78833/3		111	107	94
LCS 460-78833/5		111	110	92
460-28327-1 MS	SP-4-WATER MS	113	110	93
460-28327-1 MSD	SP-4-WATER MSD	111	111	92

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

Client: HydroQual, Inc.

Job Number: 460-28327-1

Surrogate Recovery Report**8270C Semivolatile Organic Compounds (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-28327-6	SP-4-SOLID	69	71	72	76	65	86
460-28327-7	SP-3-SOLID	79	82	78	78	66	96
460-28327-8	SP-2-SOLID	71	74	70	71	61	89
460-28327-9	SP-1-SOLID	65	67	70	73	58	87
460-28327-10	DUPE-SOLID	79	80	82	80	65	96
MB 460-78748/1-A		84	87	83	81	77	95
LCS 460-78748/2-A		71	73	74	74	84	82
460-27964-A-1-B MS		77	79	79	80	57	89
460-27964-A-1-C MSD		72	74	77	79	54	85

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: HydroQual, Inc.

Job Number: 460-28327-1

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

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-28327-1	SP-4-WATER	30	17	90	94	88	92
460-28327-2	SP-3-WATER	26	14	79	83	74	86
460-28327-3	SP-2-WATER	29	16	84	86	77	86
460-28327-4	SP-1-WATER	27	15	82	87	76	91
460-28327-5	DUPE-WATER	28	15	84	89	79	87
MB 460-78746/1-A		41	24	94	93	87	89
LCS 460-78746/2-A		34	18	84	93	81	80
LCSD 460-78746/3-A		33	17	85	91	81	83

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

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78823

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-78823/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1240
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-78823
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d10676.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.47	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.39	1.0
2-Butanone	10	U	0.57	10
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Bromodichloromethane	1.0	U	0.30	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
Trichloroethene	1.0	U	0.36	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Benzene	1.0	U	0.74	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
Bromoform	1.0	U	0.70	1.0
4-Methyl-2-pentanone	10	U	0.72	10
2-Hexanone	10	U	1.7	10
Tetrachloroethene	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
Toluene	1.0	U	0.30	1.0
Chlorobenzene	1.0	U	0.48	1.0
Ethylbenzene	1.0	U	0.19	1.0
Styrene	1.0	U	0.35	1.0
Xylenes, Total	3.0	U	0.79	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 138
Toluene-d8 (Surr)	99	66 - 126
Bromofluorobenzene	94	72 - 132

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-78823**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-78823/3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 0927
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-78823
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d10672.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 460-78823/4
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1145
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-78823
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d10674.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	70	70	50 - 151	0	30		
Bromomethane	88	88	54 - 142	0	30		
Vinyl chloride	76	80	67 - 133	5	30		
Chloroethane	85	99	56 - 146	15	30		
Methylene Chloride	98	103	74 - 137	6	30		
Acetone	100	112	27 - 164	11	30		
Carbon disulfide	101	99	72 - 128	3	30		
1,1-Dichloroethene	111	112	71 - 126	1	30		
1,1-Dichloroethane	89	97	76 - 125	8	30		
trans-1,2-Dichloroethene	95	100	75 - 122	5	30		
cis-1,2-Dichloroethene	89	96	80 - 120	8	30		
Chloroform	92	100	77 - 120	8	30		
1,2-Dichloroethane	84	92	76 - 118	9	30		
2-Butanone	71	71	77 - 117	0	30	*	*
1,1,1-Trichloroethane	90	94	78 - 117	4	30		
Carbon tetrachloride	102	107	79 - 118	5	30		
Bromodichloromethane	92	98	79 - 119	6	30		
1,2-Dichloropropane	83	89	82 - 122	7	30		
cis-1,3-Dichloropropene	83	84	80 - 123	1	30		
Trichloroethene	91	98	79 - 119	7	30		
Dibromochloromethane	102	111	68 - 120	8	30		
1,1,2-Trichloroethane	89	92	73 - 118	3	30		
Benzene	89	94	77 - 117	5	30		
trans-1,3-Dichloropropene	88	89	67 - 121	1	30		
Bromoform	112	122	59 - 125	8	30		
4-Methyl-2-pentanone	77	75	68 - 120	2	30		
2-Hexanone	84	82	70 - 122	3	30		
Tetrachloroethene	107	116	80 - 120	8	30		
1,1,2,2-Tetrachloroethane	87	90	79 - 122	3	30		
Toluene	95	101	75 - 115	6	30		
Chlorobenzene	95	100	80 - 120	5	30		
Ethylbenzene	93	100	81 - 121	7	30		
Styrene	90	94	82 - 122	5	30		
Xylenes, Total	95	99	82 - 122	5	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	94	70 - 138
Toluene-d8 (Surr)	98	98	66 - 126
Bromofluorobenzene	96	97	72 - 132

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-78823

Method: 8260B

Preparation: N/A

LCS Lab Sample ID: LCS 460-78823/3
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/05/2011 0927
 Prep Date: N/A
 Leach Date: N/A

Units: ug/Kg

LCSD Lab Sample ID: LCSD 460-78823/4
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/05/2011 1145
 Prep Date: N/A
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	14.0	14.0
Bromomethane	20.0	20.0	17.6	17.6
Vinyl chloride	20.0	20.0	15.2	15.9
Chloroethane	20.0	20.0	17.0	19.8
Methylene Chloride	20.0	20.0	19.5	20.6
Acetone	20.0	20.0	20.1	22.3
Carbon disulfide	20.0	20.0	20.3	19.8
1,1-Dichloroethene	20.0	20.0	22.1	22.4
1,1-Dichloroethane	20.0	20.0	17.9	19.4
trans-1,2-Dichloroethene	20.0	20.0	18.9	19.9
cis-1,2-Dichloroethene	20.0	20.0	17.7	19.3
Chloroform	20.0	20.0	18.5	20.0
1,2-Dichloroethane	20.0	20.0	16.9	18.4
2-Butanone	20.0	20.0	14.2	14.2
1,1,1-Trichloroethane	20.0	20.0	18.1	18.8
Carbon tetrachloride	20.0	20.0	20.4	21.4
Bromodichloromethane	20.0	20.0	18.5	19.7
1,2-Dichloropropane	20.0	20.0	16.6	17.8
cis-1,3-Dichloropropene	20.0	20.0	16.7	16.9
Trichloroethene	20.0	20.0	18.3	19.7
Dibromochloromethane	20.0	20.0	20.4	22.1
1,1,2-Trichloroethane	20.0	20.0	17.9	18.5
Benzene	20.0	20.0	17.8	18.8
trans-1,3-Dichloropropene	20.0	20.0	17.6	17.9
Bromoform	20.0	20.0	22.4	24.3
4-Methyl-2-pentanone	20.0	20.0	15.3	15.0
2-Hexanone	20.0	20.0	16.8	16.3
Tetrachloroethene	20.0	20.0	21.3	23.2
1,1,2,2-Tetrachloroethane	20.0	20.0	17.5	18.0
Toluene	20.0	20.0	19.0	20.1
Chlorobenzene	20.0	20.0	19.0	20.0
Ethylbenzene	20.0	20.0	18.6	19.9
Styrene	20.0	20.0	18.0	18.8
Xylenes, Total	60.0	60.0	56.7	59.6

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78833

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-78833/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/05/2011 0936
 Prep Date: 07/05/2011 0936
 Leach Date: N/A

Analysis Batch: 460-78833
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS1
 Lab File ID: a65656.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	70 - 122
Toluene-d8 (Surr)	107	69 - 125
Bromofluorobenzene	94	69 - 135

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Control Sample - Batch: 460-78833

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-78833/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/05/2011 1016
Prep Date: 07/05/2011 1016
Leach Date: N/A

Analysis Batch: 460-78833
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS1
Lab File ID: a65658.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	16.8	84	58 - 146	
Bromomethane	20.0	17.9	89	55 - 153	
Vinyl chloride	20.0	16.7	83	61 - 144	
Chloroethane	20.0	19.6	98	69 - 145	
Methylene Chloride	20.0	19.7	98	79 - 119	
Acetone	20.0	19.1	96	45 - 156	
Carbon disulfide	20.0	15.6	78	58 - 139	
1,1-Dichloroethene	20.0	19.3	97	56 - 139	
1,1-Dichloroethane	20.0	19.2	96	78 - 122	
trans-1,2-Dichloroethene	20.0	18.3	92	75 - 122	
cis-1,2-Dichloroethene	20.0	18.5	92	80 - 120	
Chloroform	20.0	19.7	98	82 - 123	
1,2-Dichloroethane	20.0	20.3	102	74 - 118	
2-Butanone	20.0	18.5	92	65 - 114	
1,1,1-Trichloroethane	20.0	18.1	91	74 - 128	
Carbon tetrachloride	20.0	18.3	92	73 - 120	
Bromodichloromethane	20.0	17.9	90	79 - 119	
1,2-Dichloropropane	20.0	18.3	92	80 - 120	
cis-1,3-Dichloropropene	20.0	17.8	89	80 - 120	
Trichloroethene	20.0	18.3	91	78 - 119	
Dibromochloromethane	20.0	17.2	86	80 - 120	
1,1,2-Trichloroethane	20.0	20.0	100	79 - 119	
Benzene	20.0	19.6	98	83 - 124	
trans-1,3-Dichloropropene	20.0	16.3	81	78 - 118	
Bromoform	20.0	15.0	75	73 - 123	
4-Methyl-2-pentanone	20.0	16.2	81	53 - 120	
2-Hexanone	20.0	14.4	72	53 - 121	
Tetrachloroethene	20.0	19.3	96	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	22.5	112	74 - 126	
Toluene	20.0	19.8	99	80 - 120	
Chlorobenzene	20.0	20.4	102	81 - 121	
Ethylbenzene	20.0	18.2	91	79 - 126	
Styrene	20.0	18.8	94	69 - 112	
Xylenes, Total	60.0	56.3	94	76 - 121	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	111		70 - 122		
Toluene-d8 (Surr)	110		69 - 125		
Bromofluorobenzene	92		69 - 135		

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-78833

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-28327-1
Client Matrix: Water
Dilution: 5.0
Analysis Date: 07/05/2011 1043
Prep Date: 07/05/2011 1043
Leach Date: N/A

Analysis Batch: 460-78833
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS1
Lab File ID: a65659.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-28327-1
Client Matrix: Water
Dilution: 5.0
Analysis Date: 07/05/2011 1103
Prep Date: 07/05/2011 1103
Leach Date: N/A

Analysis Batch: 460-78833
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS1
Lab File ID: a65660.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	75	80	58 - 146	5	30		
Bromomethane	81	85	55 - 153	4	30		
Vinyl chloride	79	83	61 - 144	4	30		
Chloroethane	87	94	69 - 145	7	30		
Methylene Chloride	91	102	79 - 119	11	30		
Acetone	80	83	45 - 156	3	30		
Carbon disulfide	71	76	58 - 139	6	30		
1,1-Dichloroethene	87	96	56 - 139	10	30		
1,1-Dichloroethane	86	97	78 - 122	11	30		
trans-1,2-Dichloroethene	85	94	75 - 122	10	30		
cis-1,2-Dichloroethene	84	92	80 - 120	9	30		
Chloroform	90	101	82 - 123	12	30		
1,2-Dichloroethane	92	103	74 - 118	11	30		
2-Butanone	83	92	65 - 114	10	30		
1,1,1-Trichloroethane	84	92	74 - 128	9	30		
Carbon tetrachloride	84	92	73 - 120	9	30		
Bromodichloromethane	84	92	79 - 119	9	30		
1,2-Dichloropropane	84	94	80 - 120	11	30		
cis-1,3-Dichloropropene	84	91	80 - 120	8	30		
Trichloroethene	81	92	78 - 119	13	30		
Dibromochloromethane	80	89	80 - 120	11	30		
1,1,2-Trichloroethane	89	101	79 - 119	13	30		
Benzene	89	101	83 - 124	12	30		
trans-1,3-Dichloropropene	78	86	78 - 118	10	30		
Bromoform	70	80	73 - 123	13	30	F	
4-Methyl-2-pentanone	74	83	53 - 120	12	30		
2-Hexanone	64	75	53 - 121	14	30		
Tetrachloroethene	87	98	68 - 139	12	30		
1,1,2,2-Tetrachloroethane	106	120	74 - 126	12	30		
Toluene	89	100	80 - 120	12	30		
Chlorobenzene	90	104	81 - 121	15	30		
Ethylbenzene	84	97	79 - 126	14	30		
Styrene	84	95	69 - 112	12	30		

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-78833

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-28327-1	Analysis Batch:	460-78833	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a65659.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1043			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1043				
Leach Date:	N/A				

MSD Lab Sample ID:	460-28327-1	Analysis Batch:	460-78833	Instrument ID:	VOAMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	a65660.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1103			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1103				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Xylenes, Total	85	96	76 - 121	12	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		113	111			70 - 122	
Toluene-d8 (Surr)		110	111			69 - 125	
Bromofluorobenzene		93	92			69 - 135	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-78833**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-28327-1 Units: ug/L
Client Matrix: Water
Dilution: 5.0
Analysis Date: 07/05/2011 1043
Prep Date: 07/05/2011 1043
Leach Date: N/A

MSD Lab Sample ID: 460-28327-1
Client Matrix: Water
Dilution: 5.0
Analysis Date: 07/05/2011 1103
Prep Date: 07/05/2011 1103
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	1.0	U	100	100	75.5	79.7
Bromomethane	1.0	U	100	100	81.2	84.9
Vinyl chloride	1.0	U	100	100	79.2	82.6
Chloroethane	1.0	U	100	100	87.4	94.1
Methylene Chloride	1.0	U	100	100	90.9	102
Acetone	10	U	100	100	80.4	82.8
Carbon disulfide	1.0	U	100	100	71.3	75.9
1,1-Dichloroethene	1.0	U	100	100	87.5	96.4
1,1-Dichloroethane	1.0	U	100	100	86.4	96.8
trans-1,2-Dichloroethene	1.0	U	100	100	84.7	93.7
cis-1,2-Dichloroethene	1.0	U	100	100	84.2	92.3
Chloroform	1.0	U	100	100	89.9	101
1,2-Dichloroethane	1.0	U	100	100	92.2	103
2-Butanone	10	U	100	100	83.3	92.1
1,1,1-Trichloroethane	1.0	U	100	100	83.6	91.7
Carbon tetrachloride	1.0	U	100	100	83.8	91.8
Bromodichloromethane	1.0	U	100	100	83.9	91.9
1,2-Dichloropropane	1.0	U	100	100	84.1	94.1
cis-1,3-Dichloropropene	1.0	U	100	100	84.3	91.1
Trichloroethene	0.37	J	100	100	81.3	92.1
Dibromochloromethane	1.0	U	100	100	79.7	89.2
1,1,2-Trichloroethane	1.0	U	100	100	88.5	101
Benzene	1.0	U	100	100	89.0	101
trans-1,3-Dichloropropene	1.0	U	100	100	78.1	86.0
Bromoform	1.0	U	100	100	69.9	F 79.6
4-Methyl-2-pentanone	10	U	100	100	73.5	83.3
2-Hexanone	10	U	100	100	64.5	74.5
Tetrachloroethene	1.0	U	100	100	87.4	98.2
1,1,2,2-Tetrachloroethane	1.0	U	100	100	106	120
Toluene	1.0	U	100	100	89.2	100
Chlorobenzene	1.0	U	100	100	90.0	104
Ethylbenzene	1.0	U	100	100	83.9	96.6
Styrene	1.0	U	100	100	84.0	95.1
Xylenes, Total	3.0	U	300	300	254	287

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78926

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-78926/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/06/2011 1147
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-78926
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d10703.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.47	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.39	1.0
2-Butanone	10	U	0.57	10
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Bromodichloromethane	1.0	U	0.30	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
Trichloroethene	1.0	U	0.36	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Benzene	1.0	U	0.74	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
Bromoform	1.0	U	0.70	1.0
4-Methyl-2-pentanone	10	U	0.72	10
2-Hexanone	10	U	1.7	10
Tetrachloroethene	1.0	U	0.33	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
Toluene	1.0	U	0.30	1.0
Chlorobenzene	1.0	U	0.48	1.0
Ethylbenzene	1.0	U	0.19	1.0
Styrene	1.0	U	0.35	1.0
Xylenes, Total	3.0	U	0.79	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 138
Toluene-d8 (Surr)	95	66 - 126
Bromofluorobenzene	95	72 - 132

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-78926**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-78926/3	Analysis Batch: 460-78926	Instrument ID: VOAMS4
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: d10700.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 07/06/2011 0952	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-78926/4	Analysis Batch: 460-78926	Instrument ID: VOAMS4
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: d10701.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 07/06/2011 1048	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	77	73	50 - 151	4	30		
Bromomethane	99	95	54 - 142	4	30		
Vinyl chloride	83	82	67 - 133	2	30		
Chloroethane	98	95	56 - 146	3	30		
Methylene Chloride	97	101	74 - 137	4	30		
Acetone	106	113	27 - 164	7	30		
Carbon disulfide	99	106	72 - 128	7	30		
1,1-Dichloroethene	108	118	71 - 126	9	30		
1,1-Dichloroethane	89	93	76 - 125	4	30		
trans-1,2-Dichloroethene	97	102	75 - 122	5	30		
cis-1,2-Dichloroethene	91	95	80 - 120	5	30		
Chloroform	97	101	77 - 120	4	30		
1,2-Dichloroethane	89	92	76 - 118	3	30		
2-Butanone	81	79	77 - 117	2	30		
1,1,1-Trichloroethane	89	95	78 - 117	6	30		
Carbon tetrachloride	100	109	79 - 118	8	30		
Bromodichloromethane	96	100	79 - 119	4	30		
1,2-Dichloropropane	88	92	82 - 122	4	30		
cis-1,3-Dichloropropene	89	92	80 - 123	4	30		
Trichloroethene	98	101	79 - 119	4	30		
Dibromochloromethane	108	111	68 - 120	2	30		
1,1,2-Trichloroethane	89	93	73 - 118	4	30		
Benzene	93	97	77 - 117	4	30		
trans-1,3-Dichloropropene	91	93	67 - 121	3	30		
Bromoform	120	120	59 - 125	0	30		
4-Methyl-2-pentanone	81	86	68 - 120	6	30		
2-Hexanone	88	94	70 - 122	7	30		
Tetrachloroethene	114	117	80 - 120	3	30		
1,1,2,2-Tetrachloroethane	89	93	79 - 122	4	30		
Toluene	97	102	75 - 115	4	30		
Chlorobenzene	98	103	80 - 120	5	30		
Ethylbenzene	98	103	81 - 121	5	30		
Styrene	95	96	82 - 122	2	30		
Xylenes, Total	99	103	82 - 122	4	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	98	70 - 138
Toluene-d8 (Surr)	97	96	66 - 126
Bromofluorobenzene	98	98	72 - 132

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-78926

Method: 8260B

Preparation: N/A

LCS Lab Sample ID: LCS 460-78926/3
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/06/2011 0952
 Prep Date: N/A
 Leach Date: N/A

Units: ug/Kg

LCSD Lab Sample ID: LCSD 460-78926/4
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/06/2011 1048
 Prep Date: N/A
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	15.3	14.7
Bromomethane	20.0	20.0	19.8	18.9
Vinyl chloride	20.0	20.0	16.7	16.3
Chloroethane	20.0	20.0	19.5	19.0
Methylene Chloride	20.0	20.0	19.4	20.2
Acetone	20.0	20.0	21.2	22.7
Carbon disulfide	20.0	20.0	19.8	21.2
1,1-Dichloroethene	20.0	20.0	21.5	23.7
1,1-Dichloroethane	20.0	20.0	17.9	18.6
trans-1,2-Dichloroethene	20.0	20.0	19.3	20.4
cis-1,2-Dichloroethene	20.0	20.0	18.2	19.1
Chloroform	20.0	20.0	19.4	20.1
1,2-Dichloroethane	20.0	20.0	17.8	18.3
2-Butanone	20.0	20.0	16.3	15.9
1,1,1-Trichloroethane	20.0	20.0	17.8	19.0
Carbon tetrachloride	20.0	20.0	20.0	21.8
Bromodichloromethane	20.0	20.0	19.2	20.0
1,2-Dichloropropane	20.0	20.0	17.7	18.3
cis-1,3-Dichloropropene	20.0	20.0	17.7	18.4
Trichloroethene	20.0	20.0	19.5	20.2
Dibromochloromethane	20.0	20.0	21.6	22.1
1,1,2-Trichloroethane	20.0	20.0	17.8	18.6
Benzene	20.0	20.0	18.7	19.5
trans-1,3-Dichloropropene	20.0	20.0	18.1	18.6
Bromoform	20.0	20.0	24.0	23.9
4-Methyl-2-pentanone	20.0	20.0	16.3	17.2
2-Hexanone	20.0	20.0	17.6	18.9
Tetrachloroethene	20.0	20.0	22.7	23.4
1,1,2,2-Tetrachloroethane	20.0	20.0	17.9	18.6
Toluene	20.0	20.0	19.5	20.3
Chlorobenzene	20.0	20.0	19.7	20.6
Ethylbenzene	20.0	20.0	19.6	20.5
Styrene	20.0	20.0	18.9	19.2
Xylenes, Total	60.0	60.0	59.4	61.5

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78746

Method: 8270C Preparation: 3510C

Lab Sample ID: MB 460-78746/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1133
Prep Date: 07/04/2011 0745
Leach Date: N/A

Analysis Batch: 460-79096
Prep Batch: 460-78746
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x16291.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	10	U	0.89	10
2-Chlorophenol	10	U	2.6	10
2-Methylphenol	10	U	1.7	10
4-Methylphenol	10	U	1.6	10
2-Nitrophenol	10	U	3.4	10
2,4-Dimethylphenol	10	U	2.5	10
2,4-Dichlorophenol	10	U	2.8	10
4-Chloro-3-methylphenol	10	U	2.0	10
2,4,6-Trichlorophenol	10	U	3.2	10
2,4,5-Trichlorophenol	10	U	2.5	10
2,4-Dinitrophenol	30	U	4.8	30
4-Nitrophenol	30	U	2.3	30
4,6-Dinitro-2-methylphenol	30	U	5.2	30
Pentachlorophenol	30	U	5.1	30
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
1,3-Dichlorobenzene	10	U	3.8	10
1,4-Dichlorobenzene	10	U	4.6	10
1,2-Dichlorobenzene	10	U	3.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
1,2,4-Trichlorobenzene	1.0	U	0.52	1.0
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
Acenaphthylene	10	U	4.0	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78746

Method: 8270C

Preparation: 3510C

Lab Sample ID: MB 460-78746/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/06/2011 1133
 Prep Date: 07/04/2011 0745
 Leach Date: N/A

Analysis Batch: 460-79096
 Prep Batch: 460-78746
 Leach Batch: N/A
 Units: ug/L

Instrument ID: BNAMS5
 Lab File ID: x16291.d
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10
bis (2-chloroisopropyl) ether	10	U	3.2	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	94	56 - 112
Phenol-d5	24	10 - 48
Terphenyl-d14	89	50 - 122
2,4,6-Tribromophenol	87	46 - 122
2-Fluorophenol	41	10 - 65
2-Fluorobiphenyl	93	53 - 108

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-78746**

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

LCS Lab Sample ID: LCS 460-78746/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1156
Prep Date: 07/04/2011 0745
Leach Date: N/A

Analysis Batch: 460-79096
Prep Batch: 460-78746
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x16292.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 460-78746/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1220
Prep Date: 07/04/2011 0745
Leach Date: N/A

Analysis Batch: 460-79096
Prep Batch: 460-78746
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x16293.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					
Phenol	23	22	12 - 44	3	30		
2-Chlorophenol	69	67	53 - 101	2	30		
2-Methylphenol	50	49	40 - 90	1	30		
4-Methylphenol	36	36	30 - 75	1	30		
2-Nitrophenol	82	81	65 - 107	1	30		
2,4-Dimethylphenol	74	71	55 - 100	4	30		
2,4-Dichlorophenol	79	79	64 - 107	0	30		
4-Chloro-3-methylphenol	70	71	57 - 106	1	30		
2,4,6-Trichlorophenol	85	86	67 - 111	1	30		
2,4,5-Trichlorophenol	87	84	67 - 114	3	30		
2,4-Dinitrophenol	64	64	19 - 113	0	30		
4-Nitrophenol	27	27	10 - 44	3	30	J	J
4,6-Dinitro-2-methylphenol	85	81	58 - 115	5	30		
Pentachlorophenol	89	85	55 - 116	4	30		
Bis(2-chloroethyl)ether	88	87	62 - 108	0	30		
1,3-Dichlorobenzene	80	78	54 - 97	3	30		
1,4-Dichlorobenzene	81	80	56 - 98	1	30		
1,2-Dichlorobenzene	86	84	57 - 98	2	30		
N-Nitrosodi-n-propylamine	83	84	70 - 109	1	30		
Hexachloroethane	79	79	50 - 99	1	30		
Nitrobenzene	80	80	66 - 106	0	30		
Isophorone	70	69	68 - 108	1	30		
Bis(2-chloroethoxy)methane	80	80	69 - 108	0	30		
1,2,4-Trichlorobenzene	80	79	58 - 98	2	30		
Naphthalene	80	81	63 - 101	0	30		
4-Chloroaniline	75	75	58 - 105	1	30		
Hexachlorobutadiene	81	82	52 - 99	1	30		
2-Methylnaphthalene	78	78	66 - 102	0	30		
Hexachlorocyclopentadiene	83	83	40 - 105	1	30		
2-Chloronaphthalene	91	92	65 - 107	1	30		
2-Nitroaniline	86	86	73 - 116	0	30		
Dimethyl phthalate	86	85	69 - 111	1	30		
Acenaphthylene	80	79	67 - 107	1	30		
2,6-Dinitrotoluene	85	85	68 - 114	0	30		
3-Nitroaniline	78	79	59 - 108	1	30		
Acenaphthene	100	102	66 - 108	1	30		

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-78746**

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

LCS Lab Sample ID: LCS 460-78746/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1156
Prep Date: 07/04/2011 0745
Leach Date: N/A

Analysis Batch: 460-79096
Prep Batch: 460-78746
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x16292.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 460-78746/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1220
Prep Date: 07/04/2011 0745
Leach Date: N/A

Analysis Batch: 460-79096
Prep Batch: 460-78746
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x16293.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					
Dibenzofuran	88	90	68 - 105	1	30		
2,4-Dinitrotoluene	83	83	65 - 113	0	30		
Diethyl phthalate	83	83	66 - 109	0	30		
4-Chlorophenyl phenyl ether	91	92	68 - 105	1	30		
Fluorene	87	87	68 - 105	0	30		
4-Nitroaniline	85	78	49 - 119	9	30		
N-Nitrosodiphenylamine	91	92	71 - 121	1	30		
4-Bromophenyl phenyl ether	86	88	66 - 110	2	30		
Hexachlorobenzene	83	84	65 - 107	1	30		
Phenanthrene	86	86	68 - 110	1	30		
Anthracene	86	85	68 - 108	0	30		
Carbazole	90	86	67 - 110	5	30		
Di-n-butyl phthalate	86	85	68 - 111	1	30		
Fluoranthene	89	87	68 - 108	3	30		
Pyrene	79	84	61 - 110	5	30		
Butyl benzyl phthalate	80	83	66 - 115	3	30		
3,3'-Dichlorobenzidine	91	92	69 - 129	1	30		
Benzo[a]anthracene	82	84	65 - 106	2	30		
Chrysene	89	94	68 - 112	5	30		
Bis(2-ethylhexyl) phthalate	80	82	66 - 114	2	30		
Di-n-octyl phthalate	67	68	51 - 115	1	30		
Benzo[b]fluoranthene	80	82	65 - 111	2	30		
Benzo[k]fluoranthene	91	93	66 - 114	2	30		
Benzo[a]pyrene	83	86	58 - 101	3	30		
Indeno[1,2,3-cd]pyrene	81	87	68 - 121	8	30		
Dibenz(a,h)anthracene	94	95	67 - 124	1	30		
Benzo[g,h,i]perylene	99	101	65 - 134	1	30		
bis (2-chloroisopropyl) ether	79	79	68 - 107	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	84	85	56 - 112
Phenol-d5	18	17	10 - 48
Terphenyl-d14	80	83	50 - 122
2,4,6-Tribromophenol	81	81	46 - 122
2-Fluorophenol	34	33	10 - 65
2-Fluorobiphenyl	93	91	53 - 108

Client: HydroQual, Inc.

Job Number: 460-28327-1

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-78746

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 460-78746/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1156
Prep Date: 07/04/2011 0745
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-78746/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1220
Prep Date: 07/04/2011 0745
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phenol	95.6	95.6	21.8	21.1
2-Chlorophenol	96.1	96.1	65.9	64.3
2-Methylphenol	96.4	96.4	47.8	47.3
4-Methylphenol	96.4	96.4	34.7	35.1
2-Nitrophenol	96.6	96.6	79.2	78.5
2,4-Dimethylphenol	96.2	96.2	71.3	68.2
2,4-Dichlorophenol	96.8	96.8	76.3	76.7
4-Chloro-3-methylphenol	96.7	96.7	67.4	68.4
2,4,6-Trichlorophenol	97.4	97.4	83.1	83.6
2,4,5-Trichlorophenol	97.4	97.4	84.2	81.7
2,4-Dinitrophenol	100	100	64.3	64.4
4-Nitrophenol	100	100	27.4	26.5
4,6-Dinitro-2-methylphenol	100	100	84.9	80.9
Pentachlorophenol	100	100	88.8	84.9
Bis(2-chloroethyl)ether	100	100	87.7	87.3
1,3-Dichlorobenzene	100	100	80.5	78.2
1,4-Dichlorobenzene	100	100	80.6	79.6
1,2-Dichlorobenzene	100	100	85.7	83.9
N-Nitrosodi-n-propylamine	100	100	82.9	83.8
Hexachloroethane	100	100	79.4	78.5
Nitrobenzene	100	100	79.8	79.7
Isophorone	100	100	69.6	69.2
Bis(2-chloroethoxy)methane	100	100	80.4	80.5
1,2,4-Trichlorobenzene	100	100	80.3	79.1
Naphthalene	100	100	80.4	80.6
4-Chloroaniline	100	100	74.5	75.1
Hexachlorobutadiene	100	100	80.6	81.5
2-Methylnaphthalene	100	100	78.4	78.3
Hexachlorocyclopentadiene	100	100	83.4	82.8
2-Chloronaphthalene	100	100	91.4	92.3
2-Nitroaniline	100	100	86.2	86.0
Dimethyl phthalate	100	100	86.0	85.3
Acenaphthylene	100	100	80.2	79.1
2,6-Dinitrotoluene	100	100	85.0	84.9
3-Nitroaniline	100	100	78.3	78.8
Acenaphthene	100	100	100	102
Dibenzofuran	100	100	88.5	89.7
2,4-Dinitrotoluene	100	100	83.4	83.4
Diethyl phthalate	100	100	83.1	83.0

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-78746

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 460-78746/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1156
Prep Date: 07/04/2011 0745
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-78746/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/06/2011 1220
Prep Date: 07/04/2011 0745
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
4-Chlorophenyl phenyl ether	100	100	90.8	91.8
Fluorene	100	100	86.8	86.7
4-Nitroaniline	100	100	85.3	78.2
N-Nitrosodiphenylamine	100	100	91.3	92.1
4-Bromophenyl phenyl ether	100	100	86.4	88.1
Hexachlorobenzene	100	100	83.1	84.3
Phenanthrene	100	100	86.0	85.6
Anthracene	100	100	85.7	85.5
Carbazole	100	100	90.3	86.3
Di-n-butyl phthalate	100	100	85.7	84.7
Fluoranthene	100	100	88.9	86.6
Pyrene	100	100	79.4	83.7
Butyl benzyl phthalate	100	100	80.5	82.8
3,3'-Dichlorobenzidine	100	100	91.4	92.0
Benzo[a]anthracene	100	100	81.7	83.7
Chrysene	100	100	89.4	94.4
Bis(2-ethylhexyl) phthalate	100	100	80.4	82.0
Di-n-octyl phthalate	100	100	67.4	68.4
Benzo[b]fluoranthene	100	100	79.6	81.6
Benzo[k]fluoranthene	100	100	91.4	93.4
Benzo[a]pyrene	100	100	83.0	85.5
Indeno[1,2,3-cd]pyrene	100	100	80.6	87.4
Dibenz(a,h)anthracene	100	100	94.4	95.2
Benzo[g,h,i]perylene	100	100	99.2	101
bis (2-chloroisopropyl) ether	100	100	78.8	78.8

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78748

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-78748/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1421
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analysis Batch: 460-78970
Prep Batch: 460-78748
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z18178.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	330	U	41	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
4-Chloro-3-methylphenol	330	U	56	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
2,4-Dinitrophenol	1000	U	70	1000
4-Nitrophenol	1000	U	85	1000
4,6-Dinitro-2-methylphenol	1000	U	160	1000
Pentachlorophenol	1000	U	160	1000
Bis(2-chloroethyl)ether	33	U	6.9	33
1,3-Dichlorobenzene	330	U	45	330
1,4-Dichlorobenzene	330	U	49	330
1,2-Dichlorobenzene	330	U	53	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Hexachloroethane	33	U	5.6	33
Nitrobenzene	33	U	7.4	33
Isophorone	330	U	38	330
Bis(2-chloroethoxy)methane	330	U	47	330
1,2,4-Trichlorobenzene	33	U	5.4	33
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
2-Methylnaphthalene	330	U	48	330
Hexachlorocyclopentadiene	330	U	97	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
2,6-Dinitrotoluene	67	U	8.4	67
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
Dibenzofuran	330	U	50	330
2,4-Dinitrotoluene	67	U	9.7	67
Diethyl phthalate	330	U	44	330
4-Chlorophenyl phenyl ether	330	U	57	330
Fluorene	330	U	56	330
4-Nitroaniline	670	U	68	670
N-Nitrosodiphenylamine	330	U	54	330
4-Bromophenyl phenyl ether	330	U	59	330
Hexachlorobenzene	33	U	4.6	33

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78748

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-78748/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1421
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analysis Batch: 460-78970
Prep Batch: 460-78748
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z18178.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenanthrene	330	U	58	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Di-n-butyl phthalate	330	U	51	330
Fluoranthene	330	U	55	330
Pyrene	330	U	57	330
Butyl benzyl phthalate	330	U	39	330
3,3'-Dichlorobenzidine	670	U	73	670
Benzo[a]anthracene	33	U	6.1	33
Chrysene	330	U	48	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[a]pyrene	33	U	4.1	33
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
Benzo[g,h,i]perylene	330	U	35	330
bis (2-chloroisopropyl) ether	330	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	83	38 - 105
Phenol-d5	87	41 - 118
Terphenyl-d14	95	16 - 151
2,4,6-Tribromophenol	77	10 - 120
2-Fluorophenol	84	37 - 125
2-Fluorobiphenyl	81	40 - 109

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Control Sample - Batch: 460-78748

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 460-78748/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/06/2011 1241
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analysis Batch: 460-79233
Prep Batch: 460-78748
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z18203.d
Initial Weight/Volume: 15.03 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6650	4510	68	54 - 115	
2-Chlorophenol	6650	4700	71	56 - 110	
2-Methylphenol	6650	4870	73	54 - 117	
4-Methylphenol	6650	4340	65	47 - 103	
2-Nitrophenol	6650	5040	76	55 - 101	
2,4-Dimethylphenol	6650	4910	74	56 - 112	
2,4-Dichlorophenol	6650	4800	72	58 - 115	
4-Chloro-3-methylphenol	6650	5180	78	55 - 117	
2,4,6-Trichlorophenol	6650	4770	72	53 - 118	
2,4,5-Trichlorophenol	6650	5030	76	50 - 115	
2,4-Dinitrophenol	6650	787	12	10 - 129	J
4-Nitrophenol	6650	5820	87	45 - 114	
4,6-Dinitro-2-methylphenol	6650	1770	27	10 - 110	
Pentachlorophenol	6650	4930	74	19 - 113	
Bis(2-chloroethyl)ether	3330	2440	73	44 - 101	
1,3-Dichlorobenzene	3330	2230	67	47 - 84	
1,4-Dichlorobenzene	3330	2240	67	47 - 85	
1,2-Dichlorobenzene	3330	2300	69	48 - 87	
N-Nitrosodi-n-propylamine	3330	2700	81	42 - 107	
Hexachloroethane	3330	2220	67	45 - 90	
Nitrobenzene	3330	2310	69	42 - 106	
Isophorone	3330	2520	76	48 - 97	
Bis(2-chloroethoxy)methane	3330	2590	78	51 - 100	
1,2,4-Trichlorobenzene	3330	2390	72	48 - 94	
Naphthalene	3330	2390	72	53 - 94	
4-Chloroaniline	3330	1620	49	10 - 96	
Hexachlorobutadiene	3330	2370	71	45 - 98	
2-Methylnaphthalene	3330	2480	75	51 - 98	
Hexachlorocyclopentadiene	3330	2050	62	24 - 98	
2-Chloronaphthalene	3330	2400	72	51 - 102	
2-Nitroaniline	3330	2580	78	51 - 109	
Dimethyl phthalate	3330	2650	80	52 - 112	
Acenaphthylene	3330	2450	74	51 - 103	
2,6-Dinitrotoluene	3330	2790	84	51 - 115	
3-Nitroaniline	3330	2130	64	32 - 104	
Acenaphthene	3330	2530	76	46 - 100	
Dibenzofuran	3330	2550	77	52 - 106	
2,4-Dinitrotoluene	3330	2730	82	53 - 110	
Diethyl phthalate	3330	2760	83	52 - 114	
4-Chlorophenyl phenyl ether	3330	2600	78	50 - 106	
Fluorene	3330	2630	79	51 - 108	
4-Nitroaniline	3330	3000	90	45 - 106	
N-Nitrosodiphenylamine	3330	2790	84	49 - 106	
4-Bromophenyl phenyl ether	3330	2560	77	44 - 102	
Hexachlorobenzene	3330	2560	77	43 - 104	
Phenanthrene	3330	2620	79	48 - 108	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Control Sample - Batch: 460-78748

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-78748/2-A	Analysis Batch:	460-79233	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-78748	Lab File ID:	z18203.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	07/06/2011 1241	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/04/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Anthracene	3330	2570	77	50 - 107	
Carbazole	3330	2700	81	49 - 104	
Di-n-butyl phthalate	3330	2770	83	50 - 108	
Fluoranthene	3330	2740	82	49 - 108	
Pyrene	3330	2640	79	49 - 116	
Butyl benzyl phthalate	3330	2790	84	49 - 117	
3,3'-Dichlorobenzidine	3330	2320	70	24 - 105	
Benzo[a]anthracene	3330	2560	77	46 - 112	
Chrysene	3330	2680	81	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2810	85	49 - 119	
Di-n-octyl phthalate	3330	2780	84	40 - 106	
Benzo[b]fluoranthene	3330	2700	81	33 - 96	
Benzo[k]fluoranthene	3330	2660	80	35 - 115	
Benzo[a]pyrene	3330	2670	80	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	2740	82	43 - 109	
Dibenz(a,h)anthracene	3330	2830	85	43 - 107	
Benzo[g,h,i]perylene	3330	2690	81	43 - 106	
bis (2-chloroisopropyl) ether	3330	2230	67	45 - 102	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	74	38 - 105
Phenol-d5	73	41 - 118
Terphenyl-d14	82	16 - 151
2,4,6-Tribromophenol	84	10 - 120
2-Fluorophenol	71	37 - 125
2-Fluorobiphenyl	74	40 - 109

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-78748

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-27964-A-1-B MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1549
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analysis Batch: 460-78970
Prep Batch: 460-78748
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z18182.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 460-27964-A-1-C MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1611
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analysis Batch: 460-78970
Prep Batch: 460-78748
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z18183.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phenol	72	68	54 - 115	6	30		
2-Chlorophenol	75	70	56 - 110	7	30		
2-Methylphenol	79	74	54 - 117	7	30		
4-Methylphenol	70	66	47 - 103	6	30		
2-Nitrophenol	67	64	55 - 101	5	30		
2,4-Dimethylphenol	78	75	56 - 112	3	30		
2,4-Dichlorophenol	75	71	58 - 115	5	30		
4-Chloro-3-methylphenol	82	77	55 - 117	6	30		
2,4,6-Trichlorophenol	55	50	53 - 118	10	30		F
2,4,5-Trichlorophenol	69	64	50 - 115	8	30		
2,4-Dinitrophenol	0	0	10 - 129	NC	30	U F	U F
4-Nitrophenol	53	48	45 - 114	10	30		
4,6-Dinitro-2-methylphenol	0	0	10 - 110	NC	30	U F	U F
Pentachlorophenol	20	19	19 - 113	6	30		
Bis(2-chloroethyl)ether	74	70	44 - 101	5	30		
1,3-Dichlorobenzene	60	58	47 - 84	5	30		
1,4-Dichlorobenzene	61	59	47 - 85	4	30		
1,2-Dichlorobenzene	64	62	48 - 87	3	30		
N-Nitrosodi-n-propylamine	88	82	42 - 107	8	30		
Hexachloroethane	62	59	45 - 90	4	30		
Nitrobenzene	72	70	42 - 106	2	30		
Isophorone	82	79	48 - 97	3	30		
Bis(2-chloroethoxy)methane	81	80	51 - 100	2	30		
1,2,4-Trichlorobenzene	70	69	48 - 94	2	30		
Naphthalene	72	70	53 - 94	2	30		
4-Chloroaniline	67	64	10 - 96	5	30		
Hexachlorobutadiene	69	68	45 - 98	2	30		
2-Methylnaphthalene	76	74	51 - 98	3	30		
Hexachlorocyclopentadiene	66	65	24 - 98	1	30		
2-Chloronaphthalene	77	76	51 - 102	1	30		
2-Nitroaniline	100	96	51 - 109	4	30		
Dimethyl phthalate	85	80	52 - 112	6	30		
Acenaphthylene	79	76	51 - 103	4	30		

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-78748

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-27964-A-1-B MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1549
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analysis Batch: 460-78970
Prep Batch: 460-78748
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z18182.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 460-27964-A-1-C MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1611
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analysis Batch: 460-78970
Prep Batch: 460-78748
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z18183.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,6-Dinitrotoluene	89	84	51 - 115	5	30		
3-Nitroaniline	79	75	32 - 104	5	30		
Acenaphthene	81	79	46 - 100	3	30		
Dibenzofuran	81	78	52 - 106	4	30		
2,4-Dinitrotoluene	85	80	53 - 110	6	30		
Diethyl phthalate	86	81	52 - 114	5	30		
4-Chlorophenyl phenyl ether	83	79	50 - 106	5	30		
Fluorene	84	79	51 - 108	6	30		
4-Nitroaniline	78	71	45 - 106	10	30		
N-Nitrosodiphenylamine	91	89	49 - 106	3	30		
4-Bromophenyl phenyl ether	84	84	44 - 102	0	30		
Hexachlorobenzene	85	84	43 - 104	1	30		
Phenanthrene	85	83	48 - 108	3	30		
Anthracene	83	82	50 - 107	1	30		
Carbazole	87	84	49 - 104	3	30		
Di-n-butyl phthalate	85	83	50 - 108	2	30		
Fluoranthene	84	83	49 - 108	2	30		
Pyrene	86	82	49 - 116	5	30		
Butyl benzyl phthalate	86	86	49 - 117	0	30		
3,3'-Dichlorobenzidine	82	78	24 - 105	4	30		
Benzo[a]anthracene	83	80	46 - 112	3	30		
Chrysene	86	86	45 - 114	1	30		
Bis(2-ethylhexyl) phthalate	86	86	49 - 119	0	30		
Di-n-octyl phthalate	82	80	40 - 106	2	30		
Benzo[b]fluoranthene	85	78	33 - 96	9	30		
Benzo[k]fluoranthene	81	85	35 - 115	5	30		
Benzo[a]pyrene	86	83	36 - 89	3	30		
Indeno[1,2,3-cd]pyrene	89	87	43 - 109	2	30		
Dibenz(a,h)anthracene	94	90	43 - 107	4	30		
Benzo[g,h,i]perylene	91	89	43 - 106	2	30		
bis (2-chloroisopropyl) ether	66	64	45 - 102	4	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
Nitrobenzene-d5	79		77	38 - 105			

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Phenol-d5	79	74	41 - 118
Terphenyl-d14	89	85	16 - 151
2,4,6-Tribromophenol	57	54	10 - 120
2-Fluorophenol	77	72	37 - 125
2-Fluorobiphenyl	80	79	40 - 109

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-78748

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-27964-A-1-B MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1549
Prep Date: 07/04/2011 1000
Leach Date: N/A

MSD Lab Sample ID: 460-27964-A-1-C MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1611
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	380	U	7780	7770	5610		5280	
2-Chlorophenol	380	U	7780	7770	5860		5470	
2-Methylphenol	380	U	7780	7770	6110		5720	
4-Methylphenol	380	U	7780	7770	5420		5090	
2-Nitrophenol	380	U	7780	7770	5240		4980	
2,4-Dimethylphenol	380	U	7780	7770	6030		5830	
2,4-Dichlorophenol	380	U	7780	7770	5800		5520	
4-Chloro-3-methylphenol	380	U	7780	7770	6370		6010	
2,4,6-Trichlorophenol	380	U	7780	7770	4260		3860	F
2,4,5-Trichlorophenol	380	U	7780	7770	5370		4970	
2,4-Dinitrophenol	1200	U	7780	7770	1200	U F	1200	U F
4-Nitrophenol	1200	U	7780	7770	4120		3740	
4,6-Dinitro-2-methylphenol	1200	U	7780	7770	1200	U F	1200	U F
Pentachlorophenol	1200	U	7780	7770	1530		1440	
Bis(2-chloroethyl)ether	38	U	3890	3880	2860		2730	
1,3-Dichlorobenzene	380	U	3890	3880	2350		2240	
1,4-Dichlorobenzene	380	U	3890	3880	2380		2290	
1,2-Dichlorobenzene	380	U	3890	3880	2480		2420	
N-Nitrosodi-n-propylamine	38	U	3890	3880	3430		3180	
Hexachloroethane	38	U	3890	3880	2400		2300	
Nitrobenzene	38	U	3890	3880	2780		2730	
Isophorone	380	U	3890	3880	3170		3060	
Bis(2-chloroethoxy)methane	380	U	3890	3880	3170		3090	
1,2,4-Trichlorobenzene	38	U	3890	3880	2740		2690	
Naphthalene	380	U	3890	3880	2790		2720	
4-Chloroaniline	380	U	3890	3880	2620		2480	
Hexachlorobutadiene	78	U	3890	3880	2680		2630	
2-Methylnaphthalene	380	U	3890	3880	2970		2890	
Hexachlorocyclopentadiene	380	U	3890	3880	2560		2520	
2-Chloronaphthalene	380	U	3890	3880	3000		2960	
2-Nitroaniline	780	U	3890	3880	3900		3740	
Dimethyl phthalate	380	U	3890	3880	3310		3130	
Acenaphthylene	380	U	3890	3880	3060		2940	
2,6-Dinitrotoluene	78	U	3890	3880	3450		3270	
3-Nitroaniline	780	U	3890	3880	3080		2930	
Acenaphthene	380	U	3890	3880	3150		3070	
Dibenzofuran	380	U	3890	3880	3160		3050	
2,4-Dinitrotoluene	78	U	3890	3880	3310		3110	
Diethyl phthalate	380	U	3890	3880	3330		3160	
4-Chlorophenyl phenyl ether	380	U	3890	3880	3240		3070	
Fluorene	380	U	3890	3880	3260		3080	
4-Nitroaniline	780	U	3890	3880	3050		2760	
N-Nitrosodiphenylamine	380	U	3890	3880	3550		3440	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-78748**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-27964-A-1-B MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1549
Prep Date: 07/04/2011 1000
Leach Date: N/A

MSD Lab Sample ID: 460-27964-A-1-C MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 1611
Prep Date: 07/04/2011 1000
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Bromophenyl phenyl ether	380	U	3890	3880	3280	3270
Hexachlorobenzene	38	U	3890	3880	3300	3260
Phenanthrene	380	U	3890	3880	3310	3220
Anthracene	380	U	3890	3880	3210	3180
Carbazole	380	U	3890	3880	3380	3280
Di-n-butyl phthalate	380	U	3890	3880	3300	3230
Fluoranthene	380	U	3890	3880	3280	3220
Pyrene	380	U	3890	3880	3350	3200
Butyl benzyl phthalate	380	U	3890	3880	3340	3350
3,3'-Dichlorobenzidine	780	U	3890	3880	3180	3040
Benzo[a]anthracene	38	U	3890	3880	3230	3120
Chrysene	380	U	3890	3880	3340	3320
Bis(2-ethylhexyl) phthalate	160	J	3890	3880	3500	3500
Di-n-octyl phthalate	380	U	3890	3880	3180	3110
Benzo[b]fluoranthene	38	U	3890	3880	3310	3030
Benzo[k]fluoranthene	38	U	3890	3880	3140	3300
Benzo[a]pyrene	38	U	3890	3880	3330	3240
Indeno[1,2,3-cd]pyrene	38	U	3890	3880	3480	3390
Dibenz(a,h)anthracene	38	U	3890	3880	3640	3510
Benzo[g,h,i]perylene	380	U	3890	3880	3550	3460
bis (2-chloroisopropyl) ether	380	U	3890	3880	2560	2470

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78703

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 460-78703/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 07/03/2011 1112
Prep Date: 07/01/2011 1745
Leach Date: N/A

Analysis Batch: 460-78770
Prep Batch: 460-78703
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 07052011.asc
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	7.3	20.0
Antimony	1.0	U	0.44	1.0
Arsenic	0.50	U	0.35	0.50
Barium	20.0	U	0.60	20.0
Beryllium	0.20	U	0.088	0.20
Cadmium	0.50	U	0.078	0.50
Calcium	500	U	13.1	500
Chromium	1.0	U	0.59	1.0
Cobalt	5.0	U	0.61	5.0
Copper	2.5	U	0.41	2.5
Iron	15.0	U	5.3	15.0
Lead	0.50	U	0.25	0.50
Magnesium	500	U	5.3	500
Manganese	1.5	U	0.56	1.5
Nickel	4.0	U	0.27	4.0
Potassium	500	U	22.6	500
Selenium	1.0	U	0.47	1.0
Silver	1.0	U	0.076	1.0
Sodium	500	U	30.7	500
Thallium	1.0	U	0.48	1.0
Vanadium	5.0	U	0.26	5.0
Zinc	3.0	U	0.49	3.0

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

LCS-Certified Reference Material - Batch: 460-78703

Method: 6010B

Preparation: 3050B

Lab Sample ID: LCSSRM 460-78703/2-A
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 07/03/2011 1434
 Prep Date: 07/01/2011 1745
 Leach Date: N/A

Analysis Batch: 460-78770
 Prep Batch: 460-78703
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 07052011.asc
 Initial Weight/Volume: 1.01 g
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10400	8693	84	46.1 - 154	
Antimony	66.7	177.0	265	32.0 - 353	
Arsenic	103	98.28	95	69.7 - 131	
Barium	196	193.1	99	73.2 - 126	
Beryllium	76.8	76.16	99	74.0 - 126	
Cadmium	60.1	60.99	101	73.3 - 127	
Calcium	9770	10150	104	75.4 - 125	
Chromium	234	236.0	101	70.8 - 129	
Cobalt	90.3	95.64	106	74.4 - 126	
Copper	172	172.9	100	75.3 - 124	
Iron	17800	18770	105	42.1 - 158	
Lead	85.1	85.05	100	69.8 - 130	
Magnesium	3960	3707	94	69.5 - 131	
Manganese	552	573.9	104	77.4 - 123	
Nickel	133	142.1	107	73.2 - 127	
Potassium	4260	4079	96	65.3 - 135	
Selenium	283	273.1	96	69.6 - 130	
Silver	29.8	27.50	92	65.1 - 135	
Sodium	1010	972.9	96	60.2 - 139	J
Thallium	120	132.8	111	67.8 - 133	
Vanadium	114	114.9	101	67.6 - 132	
Zinc	588	591.9	101	73.6 - 127	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Matrix Spike - Batch: 460-78703

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-28102-E-1-E MS ^10
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 07/03/2011 1430
 Prep Date: 07/01/2011 1745
 Leach Date: N/A

Analysis Batch: 460-78770
 Prep Batch: 460-78703
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 07052011.asc
 Initial Weight/Volume: 1.02 g
 Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	13300	216	15590	1052	75 - 125	4
Antimony	2.2 U	54.1	46.47	86	75 - 125	
Arsenic	3.3	216	195.6	89	75 - 125	
Barium	41.2 J	216	250.0	96	75 - 125	
Beryllium	1.2	5.41	6.35	95	75 - 125	
Cadmium	1.1 U	5.41	4.88	90	75 - 125	
Calcium	11700	2160	34690	1063	75 - 125	4
Chromium	41.9	21.6	64.77	106	75 - 125	
Cobalt	12.0	54.1	64.44	97	75 - 125	
Copper	5.7	27.1	31.45	95	75 - 125	
Iron	27300	108	28380	965	75 - 125	4
Lead	3.0	54.1	56.49	99	75 - 125	
Magnesium	12800	2160	23290	486	75 - 125	4
Manganese	486	54.1	615.2	239	75 - 125	4
Nickel	31.4	54.1	85.06	99	75 - 125	
Potassium	244 J	2160	2254	93	75 - 125	J
Selenium	2.2 U	216	190.9	88	75 - 125	
Silver	2.2 U	5.41	7.28	135	75 - 125	F
Sodium	1080 U	2160	2101	97	75 - 125	J
Thallium	2.2 U	216	217.1	100	75 - 125	
Vanadium	41.8	54.1	94.09	97	75 - 125	
Zinc	73.4	54.1	133.4	111	75 - 125	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Duplicate - Batch: 460-78703

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-28102-E-1-D DU ^10
Client Matrix: Solid
Dilution: 10
Analysis Date: 07/03/2011 1419
Prep Date: 07/01/2011 1745
Leach Date: N/A

Analysis Batch: 460-78770
Prep Batch: 460-78703
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 07052011.asc
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Aluminum	13300	14800	11	20	
Antimony	2.2 U	5.4	NC	20	U
Arsenic	3.3	3.79	13	20	
Barium	41.2 J	45.27	9.0	20	J
Beryllium	1.2	1.33	7	20	
Cadmium	1.1 U	2.7	NC	20	U
Calcium	11700	10950	7	20	
Chromium	41.9	47.74	13	20	
Cobalt	12.0	13.54	12	20	J
Copper	5.7	5.67	0.4	20	J
Iron	27300	30580	11	20	
Lead	3.0	3.23	7	20	
Magnesium	12800	13340	4	20	
Manganese	486	518.3	6	20	
Nickel	31.4	34.76	10.0	20	
Potassium	244 J	260.2	6	20	J
Selenium	2.2 U	5.4	NC	20	U
Silver	2.2 U	5.4	NC	20	U
Sodium	1080 U	2710	NC	20	U
Thallium	2.2 U	5.4	NC	20	U
Vanadium	41.8	45.79	9	20	
Zinc	73.4	83.54	13	20	

Serial Dilution - Batch: 460-78703

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-28102-E-1-C SD ^50
Client Matrix: Solid
Dilution: 50
Analysis Date: 07/03/2011 1427
Prep Date: 07/01/2011 1745
Leach Date: N/A

Analysis Batch: 460-78770
Prep Batch: 460-78703
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 07052011.asc
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Aluminum	14400	15060	4.6	10	
Antimony	5.4 U	27.1	NC	10	U
Arsenic	3.2	13.5	NC	10	U
Barium	45.2 J	47.29	NC	10	J
Beryllium	1.4	5.4	NC	10	U
Cadmium	2.7 U	13.5	NC	10	U
Calcium	12800	13300	3.9	10	J

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Serial Dilution - Batch: 460-78703

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-28102-E-1-C SD ^50
 Client Matrix: Solid
 Dilution: 50
 Analysis Date: 07/03/2011 1427
 Prep Date: 07/01/2011 1745
 Leach Date: N/A

Analysis Batch: 460-78770
 Prep Batch: 460-78703
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 07052011.asc
 Initial Weight/Volume: 1.02 g
 Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	45.8		47.24	NC	10	
Cobalt	13.3	J	135	NC	10	U
Copper	5.4	J	67.6	NC	10	U
Iron	30100		31410	4.3	10	
Lead	4.0		13.5	NC	10	U
Magnesium	14000		14500	3.8	10	
Manganese	535		559.2	4.5	10	
Nickel	35.0		36.87	NC	10	J
Potassium	277	J	13500	NC	10	U
Selenium	5.4	U	27.1	NC	10	U
Silver	5.4	U	27.1	NC	10	U
Sodium	2710	U	13500	NC	10	U
Thallium	5.4	U	27.1	NC	10	U
Vanadium	45.3		47.34	NC	10	J
Zinc	81.2		84.49	NC	10	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-79125

Method: 6010B Preparation: 3010A

Lab Sample ID: MB 460-79125/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/08/2011 0020
Prep Date: 07/07/2011 1800
Leach Date: N/A

Analysis Batch: 460-79135
Prep Batch: 460-79125
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 79065V1
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
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

Method Blank - Batch: 460-79125

Method: 6010B Preparation: 3010A

Lab Sample ID: MB 460-79125/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/08/2011 1928
Prep Date: 07/07/2011 1800
Leach Date: N/A

Analysis Batch: 460-79298
Prep Batch: 460-79125
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 79192V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Silver	10.0	U	0.97	10.0

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Lab Control Sample - Batch: 460-79125

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-79125/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/08/2011 0026
Prep Date: 07/07/2011 1800
Leach Date: N/A

Analysis Batch: 460-79135
Prep Batch: 460-79125
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 79065V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2008	100	80 - 120	
Antimony	500	490.3	98	80 - 120	
Arsenic	2000	1988	99	80 - 120	
Barium	2000	1975	99	80 - 120	
Beryllium	50.0	49.45	99	80 - 120	
Cadmium	50.0	49.32	99	80 - 120	
Calcium	20000	20080	100	80 - 120	
Chromium	200	198.2	99	80 - 120	
Cobalt	500	490.4	98	80 - 120	
Copper	250	236.0	94	80 - 120	
Iron	1000	1011	101	80 - 120	
Lead	500	487.6	98	80 - 120	
Magnesium	20000	18640	93	80 - 120	
Manganese	500	490.9	98	80 - 120	
Nickel	500	488.2	98	80 - 120	
Potassium	20000	20230	101	80 - 120	
Selenium	2000	1950	97	80 - 120	
Silver	50.0	45.45	91	80 - 120	
Sodium	20000	18810	94	80 - 120	
Thallium	2000	1971	99	80 - 120	
Vanadium	500	481.3	96	80 - 120	
Zinc	500	477.0	95	80 - 120	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Matrix Spike - Batch: 460-79125

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-28327-1
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/08/2011 0051
 Prep Date: 07/07/2011 1800
 Leach Date: N/A

Analysis Batch: 460-79135
 Prep Batch: 460-79125
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP2
 Lab File ID: 79065V1
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2068	103	75 - 125	
Antimony	10.0	U	500	494.3	99	75 - 125	
Arsenic	5.0	U	2000	1996	100	75 - 125	
Barium	119	J	2000	2121	100	75 - 125	
Beryllium	2.0	U	50.0	49.34	99	75 - 125	
Cadmium	5.0	U	50.0	48.42	97	75 - 125	
Calcium	72100		20000	89530	98	75 - 125	
Chromium	10.0	U	200	196.6	98	75 - 125	
Cobalt	50.0	U	500	490.8	98	75 - 125	
Copper	25.0	U	250	242.9	97	75 - 125	
Iron	779		1000	1769	99	75 - 125	
Lead	5.0	U	500	486.1	97	75 - 125	
Magnesium	14700		20000	33370	96	75 - 125	
Manganese	2900		500	3264	98	75 - 125	4
Nickel	6.2	J	500	488.9	97	75 - 125	
Potassium	3350	J	20000	25180	109	75 - 125	
Selenium	10.0	U	2000	1942	97	75 - 125	
Silver	10.0	J	50.0	47.35	92	75 - 125	
Sodium	106000		20000	123800	105	75 - 125	4
Thallium	10.0	U	2000	1966	98	75 - 125	
Vanadium	50.0	U	500	482.9	97	75 - 125	
Zinc	9.1	J	500	477.6	94	75 - 125	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Duplicate - Batch: 460-79125

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-28327-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/08/2011 0032
Prep Date: 07/07/2011 1800
Leach Date: N/A

Analysis Batch: 460-79135
Prep Batch: 460-79125
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 79065V1
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	119	J	117.0	1	20	J
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	72100		70810	2	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	779		780.1	0.2	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	14700		14370	2	20	
Manganese	2900		2814	3	20	
Nickel	6.2	J	5.56	11	20	J
Potassium	3350	J	3372	0.7	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	1.65	NC	20	J
Sodium	106000		104400	2	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	9.1	J	7.46	20.0	20	J

Serial Dilution - Batch: 460-79125

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-28327-1
Client Matrix: Water
Dilution: 5.0
Analysis Date: 07/08/2011 0045
Prep Date: 07/07/2011 1800
Leach Date: N/A

Analysis Batch: 460-79135
Prep Batch: 460-79125
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 79065V1
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	119	J	111.7	NC	10	J
Beryllium	2.0	U	10.0	NC	10	U
Cadmium	5.0	U	25.0	NC	10	U
Calcium	72100		69940	0.03	10	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Serial Dilution - Batch: 460-79125

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-28327-1

Analysis Batch: 460-79135

Instrument ID: ICP2

Client Matrix: Water

Prep Batch: 460-79125

Lab File ID: 79065V1

Dilution: 5.0

Leach Batch: N/A

Initial Weight/Volume: 100 mL

Analysis Date: 07/08/2011 0045

Units: ug/L

Final Weight/Volume: 100 mL

Prep Date: 07/07/2011 1800

Leach Date: N/A

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	779		836.9	NC	10	
Lead	5.0	U	25.0	NC	10	U
Magnesium	14700		13940	1.2	10	J
Manganese	2900		2780	0.20	10	
Nickel	6.2	J	200	NC	10	U
Potassium	3350	J	1552	NC	10	J
Selenium	10.0	U	50.0	NC	10	U
Silver	10.0	J	5.93	NC	10	J
Sodium	106000		99040	3.6	10	
Thallium	10.0	U	50.0	NC	10	U
Vanadium	50.0	U	250	NC	10	U
Zinc	9.1	J	150	NC	10	U

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78815

Method: 7470A Preparation: 7470A

Lab Sample ID: MB 460-78815/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/05/2011 1340
Prep Date: 07/05/2011 1156
Leach Date: N/A

Analysis Batch: 460-78847
Prep Batch: 460-78815
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 78815hg1.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: 460-78815

Method: 7470A Preparation: 7470A

Lab Sample ID: LCS 460-78815/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/05/2011 1342
Prep Date: 07/05/2011 1156
Leach Date: N/A

Analysis Batch: 460-78847
Prep Batch: 460-78815
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 78815hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.02	102	80 - 120	

Matrix Spike - Batch: 460-78815

Method: 7470A Preparation: 7470A

Lab Sample ID: 460-28327-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/05/2011 1347
Prep Date: 07/05/2011 1156
Leach Date: N/A

Analysis Batch: 460-78847
Prep Batch: 460-78815
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 78815hg1.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	1.15	115	75 - 125	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Duplicate - Batch: 460-78815

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-28327-1	Analysis Batch:	460-78847	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-78815	Lab File ID:	78815hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	07/05/2011 1345	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	07/05/2011 1156				
Leach Date:	N/A				

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

Serial Dilution - Batch: 460-78815

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-28327-1	Analysis Batch:	460-78847	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-78815	Lab File ID:	78815hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	07/05/2011 1408	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	07/05/2011 1156				
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: HydroQual, Inc.

Job Number: 460-28327-1

Method Blank - Batch: 460-78857

Method: 7471A Preparation: 7471A

Lab Sample ID: MB 460-78857/10-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 2122
Prep Date: 07/05/2011 1800
Leach Date: N/A

Analysis Batch: 460-78873
Prep Batch: 460-78857
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 070511.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.033	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-78857

Method: 7471A Preparation: 7471A

Lab Sample ID: LCSSRM
Client Matrix: Solid
Dilution: 10
Analysis Date: 07/05/2011 2124
Prep Date: 07/05/2011 1800
Leach Date: N/A

Analysis Batch: 460-78873
Prep Batch: 460-78857
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 070511.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	8.46	8.85	105	51.3 - 149	

Matrix Spike - Batch: 460-78857

Method: 7471A Preparation: 7471A

Lab Sample ID: 460-28310-C-6-F MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 2130
Prep Date: 07/05/2011 1800
Leach Date: N/A

Analysis Batch: 460-78873
Prep Batch: 460-78857
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 070511.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.043 U	0.215	0.243	113	75 - 125	

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Duplicate - Batch: 460-78857

Method: 7471A Preparation: 7471A

Lab Sample ID: 460-28310-C-6-E DU
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/05/2011 2128
Prep Date: 07/05/2011 1800
Leach Date: N/A

Analysis Batch: 460-78873
Prep Batch: 460-78857
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 070511.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.043	U	0.043	NC	20	U

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Duplicate - Batch: 460-78676

Method: Moisture Preparation: N/A

Lab Sample ID: 460-28314-A-2 DU
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/01/2011 1634
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-78676
Prep Batch: N/A
Leach Batch: N/A
Units: %

Instrument ID: No Equipment
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	20.2	18.3	10	20	
Percent Solids	79.8	81.7	2	20	

DATA REPORTING QUALIFIERS

Client: HydroQual, Inc.

Job Number: 460-28327-1

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
	*	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.
GC/MS Semi 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.
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.
	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.

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-78701					
460-28327-6	SP-4-SOLID	T	Solid	5035	
460-28327-7	SP-3-SOLID	T	Solid	5035	
460-28327-8	SP-2-SOLID	T	Solid	5035	
460-28327-9	SP-1-SOLID	T	Solid	5035	
460-28327-10	DUPE-SOLID	T	Solid	5035	
Analysis Batch:460-78823					
LCS 460-78823/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-78823/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-78823/5	Method Blank	T	Solid	8260B	
460-28327-7	SP-3-SOLID	T	Solid	8260B	460-78701
460-28327-8	SP-2-SOLID	T	Solid	8260B	460-78701
460-28327-9	SP-1-SOLID	T	Solid	8260B	460-78701
460-28327-10	DUPE-SOLID	T	Solid	8260B	460-78701
Analysis Batch:460-78833					
LCS 460-78833/5	Lab Control Sample	T	Water	8260B	
MB 460-78833/3	Method Blank	T	Water	8260B	
460-28327-1	SP-4-WATER	T	Water	8260B	
460-28327-1MS	Matrix Spike	T	Water	8260B	
460-28327-1MSD	Matrix Spike Duplicate	T	Water	8260B	
460-28327-2	SP-3-WATER	T	Water	8260B	
460-28327-3	SP-2-WATER	T	Water	8260B	
460-28327-4	SP-1-WATER	T	Water	8260B	
460-28327-5	DUPE-WATER	T	Water	8260B	
Analysis Batch:460-78926					
LCS 460-78926/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-78926/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-78926/5	Method Blank	T	Solid	8260B	
460-28327-6	SP-4-SOLID	T	Solid	8260B	460-78701

Report Basis

T = Total

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-78746					
LCS 460-78746/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-78746/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-78746/1-A	Method Blank	T	Water	3510C	
460-28327-1	SP-4-WATER	T	Water	3510C	
460-28327-2	SP-3-WATER	T	Water	3510C	
460-28327-3	SP-2-WATER	T	Water	3510C	
460-28327-4	SP-1-WATER	T	Water	3510C	
460-28327-5	DUPE-WATER	T	Water	3510C	
Prep Batch: 460-78748					
LCS 460-78748/2-A	Lab Control Sample	T	Solid	3541	
MB 460-78748/1-A	Method Blank	T	Solid	3541	
460-27964-A-1-B MS	Matrix Spike	T	Solid	3541	
460-27964-A-1-C MSD	Matrix Spike Duplicate	T	Solid	3541	
460-28327-6	SP-4-SOLID	T	Solid	3541	
460-28327-7	SP-3-SOLID	T	Solid	3541	
460-28327-8	SP-2-SOLID	T	Solid	3541	
460-28327-9	SP-1-SOLID	T	Solid	3541	
460-28327-10	DUPE-SOLID	T	Solid	3541	
Analysis Batch:460-78970					
MB 460-78748/1-A	Method Blank	T	Solid	8270C	460-78748
460-27964-A-1-B MS	Matrix Spike	T	Solid	8270C	460-78748
460-27964-A-1-C MSD	Matrix Spike Duplicate	T	Solid	8270C	460-78748
460-28327-6	SP-4-SOLID	T	Solid	8270C	460-78748
460-28327-7	SP-3-SOLID	T	Solid	8270C	460-78748
460-28327-8	SP-2-SOLID	T	Solid	8270C	460-78748
460-28327-9	SP-1-SOLID	T	Solid	8270C	460-78748
460-28327-10	DUPE-SOLID	T	Solid	8270C	460-78748
Analysis Batch:460-79096					
LCS 460-78746/2-A	Lab Control Sample	T	Water	8270C	460-78746
LCSD 460-78746/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-78746
MB 460-78746/1-A	Method Blank	T	Water	8270C	460-78746
460-28327-1	SP-4-WATER	T	Water	8270C	460-78746
460-28327-2	SP-3-WATER	T	Water	8270C	460-78746
460-28327-3	SP-2-WATER	T	Water	8270C	460-78746
460-28327-4	SP-1-WATER	T	Water	8270C	460-78746
460-28327-5	DUPE-WATER	T	Water	8270C	460-78746
Analysis Batch:460-79233					
LCS 460-78748/2-A	Lab Control Sample	T	Solid	8270C	460-78748

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Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis

T = Total

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-78703					
LCSSRM 460-78703/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-78703/1-A ^2	Method Blank	T	Solid	3050B	
460-28102-E-1-D DU ^10	Duplicate	T	Solid	3050B	
460-28102-E-1-E MS ^10	Matrix Spike	T	Solid	3050B	
460-28327-6	SP-4-SOLID	T	Solid	3050B	
460-28327-7	SP-3-SOLID	T	Solid	3050B	
460-28327-8	SP-2-SOLID	T	Solid	3050B	
460-28327-9	SP-1-SOLID	T	Solid	3050B	
460-28327-10	DUPE-SOLID	T	Solid	3050B	
Analysis Batch:460-78770					
LCSSRM 460-78703/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-78703
MB 460-78703/1-A ^2	Method Blank	T	Solid	6010B	460-78703
460-28102-E-1-D DU ^10	Duplicate	T	Solid	6010B	460-78703
460-28102-E-1-E MS ^10	Matrix Spike	T	Solid	6010B	460-78703
460-28327-6	SP-4-SOLID	T	Solid	6010B	460-78703
460-28327-7	SP-3-SOLID	T	Solid	6010B	460-78703
460-28327-8	SP-2-SOLID	T	Solid	6010B	460-78703
460-28327-9	SP-1-SOLID	T	Solid	6010B	460-78703
460-28327-10	DUPE-SOLID	T	Solid	6010B	460-78703
Prep Batch: 460-78815					
LCS 460-78815/2-A	Lab Control Sample	T	Water	7470A	
MB 460-78815/1-A	Method Blank	T	Water	7470A	
460-28327-1	SP-4-WATER	T	Water	7470A	
460-28327-1DU	Duplicate	T	Water	7470A	
460-28327-1MS	Matrix Spike	T	Water	7470A	
460-28327-2	SP-3-WATER	T	Water	7470A	
460-28327-3	SP-2-WATER	T	Water	7470A	
460-28327-4	SP-1-WATER	T	Water	7470A	
460-28327-5	DUPE-WATER	T	Water	7470A	
Analysis Batch:460-78847					
LCS 460-78815/2-A	Lab Control Sample	T	Water	7470A	460-78815
MB 460-78815/1-A	Method Blank	T	Water	7470A	460-78815
460-28327-1	SP-4-WATER	T	Water	7470A	460-78815
460-28327-1DU	Duplicate	T	Water	7470A	460-78815
460-28327-1MS	Matrix Spike	T	Water	7470A	460-78815
460-28327-2	SP-3-WATER	T	Water	7470A	460-78815
460-28327-3	SP-2-WATER	T	Water	7470A	460-78815
460-28327-4	SP-1-WATER	T	Water	7470A	460-78815
460-28327-5	DUPE-WATER	T	Water	7470A	460-78815

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Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-78857					
LCSSRM 460-78857/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-78857/10-A	Method Blank	T	Solid	7471A	
460-28310-C-6-E DU	Duplicate	T	Solid	7471A	
460-28310-C-6-F MS	Matrix Spike	T	Solid	7471A	
460-28327-6	SP-4-SOLID	T	Solid	7471A	
460-28327-7	SP-3-SOLID	T	Solid	7471A	
460-28327-8	SP-2-SOLID	T	Solid	7471A	
460-28327-9	SP-1-SOLID	T	Solid	7471A	
460-28327-10	DUPE-SOLID	T	Solid	7471A	
Analysis Batch:460-78873					
LCSSRM 460-78857/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	460-78857
MB 460-78857/10-A	Method Blank	T	Solid	7471A	460-78857
460-28310-C-6-E DU	Duplicate	T	Solid	7471A	460-78857
460-28310-C-6-F MS	Matrix Spike	T	Solid	7471A	460-78857
460-28327-6	SP-4-SOLID	T	Solid	7471A	460-78857
460-28327-7	SP-3-SOLID	T	Solid	7471A	460-78857
460-28327-8	SP-2-SOLID	T	Solid	7471A	460-78857
460-28327-9	SP-1-SOLID	T	Solid	7471A	460-78857
460-28327-10	DUPE-SOLID	T	Solid	7471A	460-78857
Prep Batch: 460-79125					
LCS 460-79125/2-A	Lab Control Sample	T	Water	3010A	
MB 460-79125/1-A	Method Blank	T	Water	3010A	
460-28327-1	SP-4-WATER	T	Water	3010A	
460-28327-1DU	Duplicate	T	Water	3010A	
460-28327-1MS	Matrix Spike	T	Water	3010A	
460-28327-2	SP-3-WATER	T	Water	3010A	
460-28327-3	SP-2-WATER	T	Water	3010A	
460-28327-4	SP-1-WATER	T	Water	3010A	
460-28327-5	DUPE-WATER	T	Water	3010A	
Analysis Batch:460-79135					
LCS 460-79125/2-A	Lab Control Sample	T	Water	6010B	460-79125
MB 460-79125/1-A	Method Blank	T	Water	6010B	460-79125
460-28327-1	SP-4-WATER	T	Water	6010B	460-79125
460-28327-1DU	Duplicate	T	Water	6010B	460-79125
460-28327-1MS	Matrix Spike	T	Water	6010B	460-79125
460-28327-2	SP-3-WATER	T	Water	6010B	460-79125
460-28327-3	SP-2-WATER	T	Water	6010B	460-79125
460-28327-4	SP-1-WATER	T	Water	6010B	460-79125
460-28327-5	DUPE-WATER	T	Water	6010B	460-79125

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Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-79298					
MB 460-79125/1-A	Method Blank	T	Water	6010B	460-79125
460-28327-1	SP-4-WATER	T	Water	6010B	460-79125
460-28327-2	SP-3-WATER	T	Water	6010B	460-79125
460-28327-5	DUPE-WATER	T	Water	6010B	460-79125

Report Basis

T = Total

General Chemistry

Analysis Batch:460-78676					
460-28314-A-2 DU	Duplicate	T	Solid	Moisture	
460-28327-6	SP-4-SOLID	T	Solid	Moisture	
460-28327-7	SP-3-SOLID	T	Solid	Moisture	
460-28327-8	SP-2-SOLID	T	Solid	Moisture	
460-28327-9	SP-1-SOLID	T	Solid	Moisture	
460-28327-10	DUPE-SOLID	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Chronicle

Lab ID: 460-28327-1

Client ID: SP-4-WATER

Sample Date/Time: 06/30/2011 11:00

Received Date/Time: 07/01/2011 13:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-28327-A-1		460-78833		07/05/2011 09:56	1	TAL EDI	CJM
A:8260B	460-28327-A-1		460-78833		07/05/2011 09:56	1	TAL EDI	CJM
P:3510C	460-28327-E-1-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	460-28327-E-1-A		460-79096	460-78746	07/06/2011 14:20	1	TAL EDI	MS
P:3010A	460-28327-D-1-D		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-1-D		460-79135	460-79125	07/08/2011 00:38	1	TAL EDI	VD
P:3010A	460-28327-D-1-D		460-79298	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-1-D		460-79298	460-79125	07/08/2011 19:35	1	TAL EDI	VD
P:7470A	460-28327-D-1-A		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	460-28327-D-1-A		460-78847	460-78815	07/05/2011 13:43	1	TAL EDI	RBS

Lab ID: 460-28327-1 MS

Client ID: SP-4-WATER

Sample Date/Time: 06/30/2011 11:00

Received Date/Time: 07/01/2011 13:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-28327-A-1 MS		460-78833		07/05/2011 10:43	5	TAL EDI	CJM
A:8260B	460-28327-A-1 MS		460-78833		07/05/2011 10:43	5	TAL EDI	CJM
P:3010A	460-28327-D-1-F MS		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-1-F MS		460-79135	460-79125	07/08/2011 00:51	1	TAL EDI	VD
P:7470A	460-28327-D-1-C MS		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	460-28327-D-1-C MS		460-78847	460-78815	07/05/2011 13:47	1	TAL EDI	RBS

Lab ID: 460-28327-1 MSD

Client ID: SP-4-WATER

Sample Date/Time: 06/30/2011 11:00

Received Date/Time: 07/01/2011 13:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-28327-A-1 MSD		460-78833		07/05/2011 11:03	5	TAL EDI	CJM
A:8260B	460-28327-A-1 MSD		460-78833		07/05/2011 11:03	5	TAL EDI	CJM

Lab ID: 460-28327-1 DU

Client ID: SP-4-WATER

Sample Date/Time: 06/30/2011 11:00

Received Date/Time: 07/01/2011 13:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-28327-D-1-E DU		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-1-E DU		460-79135	460-79125	07/08/2011 00:32	1	TAL EDI	VD
P:7470A	460-28327-D-1-B DU		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	460-28327-D-1-B DU		460-78847	460-78815	07/05/2011 13:45	1	TAL EDI	RBS

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Chronicle

Lab ID: 460-28327-1 SD

Client ID: SP-4-WATER

Sample Date/Time: 06/30/2011 11:00

Received Date/Time: 07/01/2011 13:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-28327-D-1-D SD ^5		460-79135	460-79125	07/07/2011 18:00	5	TAL EDI	TS
A:6010B	460-28327-D-1-D SD ^5		460-79135	460-79125	07/08/2011 00:45	5	TAL EDI	VD
P:7470A	460-28327-D-1-A SD ^5		460-78847	460-78815	07/05/2011 11:56	5	TAL EDI	RBS
A:7470A	460-28327-D-1-A SD ^5		460-78847	460-78815	07/05/2011 14:08	5	TAL EDI	RBS

Lab ID: 460-28327-2

Client ID: SP-3-WATER

Sample Date/Time: 06/30/2011 09:30

Received Date/Time: 07/01/2011 13:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-28327-A-2		460-78833		07/05/2011 15:38	1	TAL EDI	CJM
A:8260B	460-28327-A-2		460-78833		07/05/2011 15:38	1	TAL EDI	CJM
P:3510C	460-28327-F-2-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	460-28327-F-2-A		460-79096	460-78746	07/06/2011 14:44	1	TAL EDI	MS
P:3010A	460-28327-D-2-B		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-2-B		460-79135	460-79125	07/08/2011 01:03	1	TAL EDI	VD
P:3010A	460-28327-D-2-B		460-79298	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-2-B		460-79298	460-79125	07/08/2011 19:41	1	TAL EDI	VD
P:7470A	460-28327-D-2-A		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	460-28327-D-2-A		460-78847	460-78815	07/05/2011 13:49	1	TAL EDI	RBS

Lab ID: 460-28327-3

Client ID: SP-2-WATER

Sample Date/Time: 06/30/2011 14:15

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-28327-A-3		460-78833		07/05/2011 15:57	1	TAL EDI	CJM
A:8260B	460-28327-A-3		460-78833		07/05/2011 15:57	1	TAL EDI	CJM
P:3510C	460-28327-E-3-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	460-28327-E-3-A		460-79096	460-78746	07/06/2011 15:08	1	TAL EDI	MS
P:3010A	460-28327-D-3-B		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-3-B		460-79135	460-79125	07/08/2011 01:09	1	TAL EDI	VD
P:7470A	460-28327-D-3-A		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	460-28327-D-3-A		460-78847	460-78815	07/05/2011 13:51	1	TAL EDI	RBS

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Chronicle

Lab ID: 460-28327-4

Client ID: SP-1-WATER

Sample Date/Time: 06/30/2011 13:15

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-28327-A-4		460-78833		07/05/2011 16:17	1	TAL EDI	CJM
A:8260B	460-28327-A-4		460-78833		07/05/2011 16:17	1	TAL EDI	CJM
P:3510C	460-28327-E-4-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	460-28327-E-4-A		460-79096	460-78746	07/06/2011 15:32	1	TAL EDI	MS
P:3010A	460-28327-D-4-B		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-4-B		460-79135	460-79125	07/08/2011 01:15	1	TAL EDI	VD
P:7470A	460-28327-D-4-A		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	460-28327-D-4-A		460-78847	460-78815	07/05/2011 13:57	1	TAL EDI	RBS

Lab ID: 460-28327-5

Client ID: DUPE-WATER

Sample Date/Time: 06/30/2011 00:00

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-28327-A-5		460-78833		07/05/2011 16:37	1	TAL EDI	CJM
A:8260B	460-28327-A-5		460-78833		07/05/2011 16:37	1	TAL EDI	CJM
P:3510C	460-28327-E-5-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	460-28327-E-5-A		460-79096	460-78746	07/06/2011 15:56	1	TAL EDI	MS
P:3010A	460-28327-D-5-B		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-5-B		460-79135	460-79125	07/08/2011 01:34	1	TAL EDI	VD
P:3010A	460-28327-D-5-B		460-79298	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	460-28327-D-5-B		460-79298	460-79125	07/08/2011 19:47	1	TAL EDI	VD
P:7470A	460-28327-D-5-A		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	460-28327-D-5-A		460-78847	460-78815	07/05/2011 13:59	1	TAL EDI	RBS

Lab ID: 460-28327-6

Client ID: SP-4-SOLID

Sample Date/Time: 06/30/2011 11:00

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-28327-A-6-C		460-78926	460-78701	07/01/2011 17:18	1	TAL EDI	FJ
A:8260B	460-28327-A-6-C		460-78926	460-78701	07/06/2011 13:48	1	TAL EDI	SD
P:3541	460-28327-B-6-B		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	460-28327-B-6-B		460-78970	460-78748	07/05/2011 20:57	1	TAL EDI	MC
P:3050B	460-28327-B-6-A ^4		460-78770	460-78703	07/01/2011 17:45	4	TAL EDI	TS
A:6010B	460-28327-B-6-A ^4		460-78770	460-78703	07/03/2011 11:57	4	TAL EDI	CDC
P:7471A	460-28327-B-6-C		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	460-28327-B-6-C		460-78873	460-78857	07/05/2011 22:08	1	TAL EDI	TS
A:Moisture	460-28327-B-6		460-78676		07/01/2011 16:34	1	TAL EDI	CR

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Chronicle

Lab ID: 460-28327-7

Client ID: SP-3-SOLID

Sample Date/Time: 06/30/2011 09:30

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-28327-A-7-B		460-78823	460-78701	07/01/2011 17:18	1	TAL EDI	FJ
A:8260B	460-28327-A-7-B		460-78823	460-78701	07/05/2011 15:10	1	TAL EDI	SD
P:3541	460-28327-B-7-B		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	460-28327-B-7-B		460-78970	460-78748	07/05/2011 18:01	1	TAL EDI	MC
P:3050B	460-28327-B-7-A ^4		460-78770	460-78703	07/01/2011 17:45	4	TAL EDI	TS
A:6010B	460-28327-B-7-A ^4		460-78770	460-78703	07/03/2011 12:01	4	TAL EDI	CDC
P:7471A	460-28327-B-7-C		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	460-28327-B-7-C		460-78873	460-78857	07/05/2011 22:10	1	TAL EDI	TS
A:Moisture	460-28327-B-7		460-78676		07/01/2011 16:34	1	TAL EDI	CR

Lab ID: 460-28327-8

Client ID: SP-2-SOLID

Sample Date/Time: 06/30/2011 14:15

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-28327-A-8-B		460-78823	460-78701	07/01/2011 17:18	1	TAL EDI	FJ
A:8260B	460-28327-A-8-B		460-78823	460-78701	07/05/2011 15:34	1	TAL EDI	SD
P:3541	460-28327-B-8-B		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	460-28327-B-8-B		460-78970	460-78748	07/05/2011 17:39	1	TAL EDI	MC
P:3050B	460-28327-B-8-A ^4		460-78770	460-78703	07/01/2011 17:45	4	TAL EDI	TS
A:6010B	460-28327-B-8-A ^4		460-78770	460-78703	07/03/2011 12:05	4	TAL EDI	CDC
P:7471A	460-28327-B-8-C		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	460-28327-B-8-C		460-78873	460-78857	07/05/2011 22:12	1	TAL EDI	TS
A:Moisture	460-28327-B-8		460-78676		07/01/2011 16:34	1	TAL EDI	CR

Lab ID: 460-28327-9

Client ID: SP-1-SOLID

Sample Date/Time: 06/30/2011 13:15

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-28327-A-9-B		460-78823	460-78701	07/01/2011 17:18	1	TAL EDI	FJ
A:8260B	460-28327-A-9-B		460-78823	460-78701	07/05/2011 15:59	1	TAL EDI	SD
P:3541	460-28327-B-9-B		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	460-28327-B-9-B		460-78970	460-78748	07/05/2011 20:13	1	TAL EDI	MC
P:3050B	460-28327-B-9-A ^4		460-78770	460-78703	07/01/2011 17:45	4	TAL EDI	TS
A:6010B	460-28327-B-9-A ^4		460-78770	460-78703	07/03/2011 12:09	4	TAL EDI	CDC
P:7471A	460-28327-B-9-C		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	460-28327-B-9-C		460-78873	460-78857	07/05/2011 22:14	1	TAL EDI	TS
A:Moisture	460-28327-B-9		460-78676		07/01/2011 16:34	1	TAL EDI	CR

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Chronicle

Lab ID: 460-28327-10

Client ID: DUPE-SOLID

Sample Date/Time: 06/30/2011 00:00

Received Date/Time: 07/01/2011 12:53

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-28327-A-10-B		460-78823	460-78701	07/01/2011 17:18	1	TAL EDI	FJ
A:8260B	460-28327-A-10-B		460-78823	460-78701	07/05/2011 16:23	1	TAL EDI	SD
P:3541	460-28327-B-10-B		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	460-28327-B-10-B		460-78970	460-78748	07/05/2011 20:35	1	TAL EDI	MC
P:3050B	460-28327-B-10-A ^4		460-78770	460-78703	07/01/2011 17:45	4	TAL EDI	TS
A:6010B	460-28327-B-10-A ^4		460-78770	460-78703	07/03/2011 12:12	4	TAL EDI	CDC
P:7471A	460-28327-B-10-C		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	460-28327-B-10-C		460-78873	460-78857	07/05/2011 22:16	1	TAL EDI	TS
A:Moisture	460-28327-B-10		460-78676		07/01/2011 16:34	1	TAL EDI	CR

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 460-78833/3		460-78833		07/05/2011 09:36	1	TAL EDI	CJM
A:8260B	MB 460-78833/3		460-78833		07/05/2011 09:36	1	TAL EDI	CJM
A:8260B	MB 460-78823/5		460-78823		07/05/2011 12:40	1	TAL EDI	SD
A:8260B	MB 460-78926/5		460-78926		07/06/2011 11:47	1	TAL EDI	SD
P:3541	MB 460-78748/1-A		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	MB 460-78748/1-A		460-78970	460-78748	07/05/2011 14:21	1	TAL EDI	MC
P:3510C	MB 460-78746/1-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	MB 460-78746/1-A		460-79096	460-78746	07/06/2011 11:33	1	TAL EDI	MS
P:3050B	MB 460-78703/1-A ^2		460-78770	460-78703	07/01/2011 17:45	2	TAL EDI	TS
A:6010B	MB 460-78703/1-A ^2		460-78770	460-78703	07/03/2011 11:12	2	TAL EDI	CDC
P:3010A	MB 460-79125/1-A		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	MB 460-79125/1-A		460-79135	460-79125	07/08/2011 00:20	1	TAL EDI	VD
P:3010A	MB 460-79125/1-A		460-79298	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	MB 460-79125/1-A		460-79298	460-79125	07/08/2011 19:28	1	TAL EDI	VD
P:7470A	MB 460-78815/1-A		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	MB 460-78815/1-A		460-78847	460-78815	07/05/2011 13:40	1	TAL EDI	RBS
P:7471A	MB 460-78857/10-A		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	MB 460-78857/10-A		460-78873	460-78857	07/05/2011 21:22	1	TAL EDI	TS

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

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
A:8260B	LCS 460-78823/3		460-78823		07/05/2011 09:27	1	TAL EDI	SD
P:5030B	LCS 460-78833/5		460-78833		07/05/2011 10:16	1	TAL EDI	CJM
A:8260B	LCS 460-78833/5		460-78833		07/05/2011 10:16	1	TAL EDI	CJM
A:8260B	LCS 460-78926/3		460-78926		07/06/2011 09:52	1	TAL EDI	SD
P:3510C	LCS 460-78746/2-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	LCS 460-78746/2-A		460-79096	460-78746	07/06/2011 11:56	1	TAL EDI	MS
P:3541	LCS 460-78748/2-A		460-79233	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	LCS 460-78748/2-A		460-79233	460-78748	07/06/2011 12:41	1	TAL EDI	MC
P:3010A	LCS 460-79125/2-A		460-79135	460-79125	07/07/2011 18:00	1	TAL EDI	TS
A:6010B	LCS 460-79125/2-A		460-79135	460-79125	07/08/2011 00:26	1	TAL EDI	VD
P:7470A	LCS 460-78815/2-A		460-78847	460-78815	07/05/2011 11:56	1	TAL EDI	RBS
A:7470A	LCS 460-78815/2-A		460-78847	460-78815	07/05/2011 13:42	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
A:8260B	LCSD 460-78823/4		460-78823		07/05/2011 11:45	1	TAL EDI	SD
A:8260B	LCSD 460-78926/4		460-78926		07/06/2011 10:48	1	TAL EDI	SD
P:3510C	LCSD 460-78746/3-A		460-79096	460-78746	07/04/2011 07:45	1	TAL EDI	MC
A:8270C	LCSD 460-78746/3-A		460-79096	460-78746	07/06/2011 12:20	1	TAL EDI	MS

Lab ID: LCSSRM

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM 460-78703/2-A ^4		460-78770	460-78703	07/01/2011 17:45	4	TAL EDI	TS
A:6010B	LCSSRM 460-78703/2-A ^4		460-78770	460-78703	07/03/2011 14:34	4	TAL EDI	CDC
P:7471A	LCSSRM 460-78857/11-A ^10		460-78873	460-78857	07/05/2011 18:00	10	TAL EDI	TS
A:7471A	LCSSRM 460-78857/11-A ^10		460-78873	460-78857	07/05/2011 21:24	10	TAL EDI	TS

Quality Control Results

Client: HydroQual, Inc.

Job Number: 460-28327-1

Laboratory Chronicle

Lab ID: MS

Client ID: N/A

Sample Date/Time: 06/21/2011 00:00

Received Date/Time: 06/22/2011 13:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-27964-A-1-B MS		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	460-27964-A-1-B MS		460-78970	460-78748	07/05/2011 15:49	1	TAL EDI	MC
P:3050B	460-28102-E-1-E MS		460-78770	460-78703	07/01/2011 17:45	10	TAL EDI	TS
A:6010B	460-28102-E-1-E MS ^10		460-78770	460-78703	07/03/2011 14:30	10	TAL EDI	CDC
P:7471A	460-28310-C-6-F MS		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	460-28310-C-6-F MS		460-78873	460-78857	07/05/2011 21:30	1	TAL EDI	TS

Lab ID: MSD

Client ID: N/A

Sample Date/Time: 06/21/2011 00:00

Received Date/Time: 06/22/2011 13:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-27964-A-1-C MSD		460-78970	460-78748	07/04/2011 10:00	1	TAL EDI	cm
A:8270C	460-27964-A-1-C MSD		460-78970	460-78748	07/05/2011 16:11	1	TAL EDI	MC

Lab ID: DU

Client ID: N/A

Sample Date/Time: 06/24/2011 07:15

Received Date/Time: 06/24/2011 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-28102-E-1-D DU ^10		460-78770	460-78703	07/01/2011 17:45	10	TAL EDI	TS
A:6010B	460-28102-E-1-D DU ^10		460-78770	460-78703	07/03/2011 14:19	10	TAL EDI	CDC
P:7471A	460-28310-C-6-E DU		460-78873	460-78857	07/05/2011 18:00	1	TAL EDI	TS
A:7471A	460-28310-C-6-E DU		460-78873	460-78857	07/05/2011 21:28	1	TAL EDI	TS
A:Moisture	460-28314-A-2 DU		460-78676		07/01/2011 16:34	1	TAL EDI	CR

Lab ID: SD

Client ID: N/A

Sample Date/Time: 06/24/2011 07:15

Received Date/Time: 06/24/2011 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-28102-E-1-C SD ^50		460-78770	460-78703	07/01/2011 17:45	50	TAL EDI	TS
A:6010B	460-28102-E-1-C SD ^50		460-78770	460-78703	07/03/2011 14:27	50	TAL EDI	CDC

Lab References:

TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
SP-4-SOLID	460-28327-6	99	96	97
SP-3-SOLID	460-28327-7	92	98	96
SP-2-SOLID	460-28327-8	93	98	97
SP-1-SOLID	460-28327-9	94	98	97
DUPE-SOLID	460-28327-10	95	98	94
	MB 460-78823/5	95	99	94
	MB 460-78926/5	97	95	95
	LCS 460-78823/3	95	98	96
	LCS 460-78926/3	99	97	98
	LCSD 460-78823/4	94	98	97
	LCSD 460-78926/4	98	96	98

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
SP-4-WATER	460-28327-1	113	107	95
SP-3-WATER	460-28327-2	119	108	91
SP-2-WATER	460-28327-3	108	109	94
SP-1-WATER	460-28327-4	119	107	90
DUPE-WATER	460-28327-5	119	108	93
	MB 460-78833/3	111	107	94
	LCS 460-78833/5	111	110	92
SP-4-WATER MS	460-28327-1 MS	113	110	93
SP-4-WATER MSD	460-28327-1 MSD	111	111	92

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 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.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: d10672.d
 Lab ID: LCS 460-78823/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	14.0	70	50-151	
Bromomethane	20.0	17.6	88	54-142	
Vinyl chloride	20.0	15.2	76	67-133	
Chloroethane	20.0	17.0	85	56-146	
Methylene Chloride	20.0	19.5	98	74-137	
Acetone	20.0	20.1	100	27-164	
Carbon disulfide	20.0	20.3	101	72-128	
1,1-Dichloroethene	20.0	22.1	111	71-126	
1,1-Dichloroethane	20.0	17.9	89	76-125	
trans-1,2-Dichloroethene	20.0	18.9	95	75-122	
cis-1,2-Dichloroethene	20.0	17.7	89	80-120	
Chloroform	20.0	18.5	92	77-120	
1,2-Dichloroethane	20.0	16.9	84	76-118	
2-Butanone	20.0	14.2	71	77-117	*
1,1,1-Trichloroethane	20.0	18.1	90	78-117	
Carbon tetrachloride	20.0	20.4	102	79-118	
Bromodichloromethane	20.0	18.5	92	79-119	
1,2-Dichloropropane	20.0	16.6	83	82-122	
cis-1,3-Dichloropropene	20.0	16.7	83	80-123	
Trichloroethene	20.0	18.3	91	79-119	
Dibromochloromethane	20.0	20.4	102	68-120	
1,1,2-Trichloroethane	20.0	17.9	89	73-118	
Benzene	20.0	17.8	89	77-117	
trans-1,3-Dichloropropene	20.0	17.6	88	67-121	
Bromoform	20.0	22.4	112	59-125	
4-Methyl-2-pentanone	20.0	15.3	77	68-120	
2-Hexanone	20.0	16.8	84	70-122	
Tetrachloroethene	20.0	21.3	107	80-120	
1,1,2,2-Tetrachloroethane	20.0	17.5	87	79-122	
Toluene	20.0	19.0	95	75-115	
Chlorobenzene	20.0	19.0	95	80-120	
Ethylbenzene	20.0	18.6	93	81-121	
Styrene	20.0	18.0	90	82-122	
Xylenes, Total	60.0	56.7	95	82-122	

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.: 460-28327-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: a65658.d
 Lab ID: LCS 460-78833/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.8	84	58-146	
Bromomethane	20.0	17.9	89	55-153	
Vinyl chloride	20.0	16.7	83	61-144	
Chloroethane	20.0	19.6	98	69-145	
Methylene Chloride	20.0	19.7	98	79-119	
Acetone	20.0	19.1	96	45-156	
Carbon disulfide	20.0	15.6	78	58-139	
1,1-Dichloroethene	20.0	19.3	97	56-139	
1,1-Dichloroethane	20.0	19.2	96	78-122	
trans-1,2-Dichloroethene	20.0	18.3	92	75-122	
cis-1,2-Dichloroethene	20.0	18.5	92	80-120	
Chloroform	20.0	19.7	98	82-123	
1,2-Dichloroethane	20.0	20.3	102	74-118	
2-Butanone	20.0	18.5	92	65-114	
1,1,1-Trichloroethane	20.0	18.1	91	74-128	
Carbon tetrachloride	20.0	18.3	92	73-120	
Bromodichloromethane	20.0	17.9	90	79-119	
1,2-Dichloropropane	20.0	18.3	92	80-120	
cis-1,3-Dichloropropene	20.0	17.8	89	80-120	
Trichloroethene	20.0	18.3	91	78-119	
Dibromochloromethane	20.0	17.2	86	80-120	
1,1,2-Trichloroethane	20.0	20.0	100	79-119	
Benzene	20.0	19.6	98	83-124	
trans-1,3-Dichloropropene	20.0	16.3	81	78-118	
Bromoform	20.0	15.0	75	73-123	
4-Methyl-2-pentanone	20.0	16.2	81	53-120	
2-Hexanone	20.0	14.4	72	53-121	
Tetrachloroethene	20.0	19.3	96	68-139	
1,1,2,2-Tetrachloroethane	20.0	22.5	112	74-126	
Toluene	20.0	19.8	99	80-120	
Chlorobenzene	20.0	20.4	102	81-121	
Ethylbenzene	20.0	18.2	91	79-126	
Styrene	20.0	18.8	94	69-112	
Xylenes, Total	60.0	56.3	94	76-121	

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.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: d10700.d
 Lab ID: LCS 460-78926/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.3	77	50-151	
Bromomethane	20.0	19.8	99	54-142	
Vinyl chloride	20.0	16.7	83	67-133	
Chloroethane	20.0	19.5	98	56-146	
Methylene Chloride	20.0	19.4	97	74-137	
Acetone	20.0	21.2	106	27-164	
Carbon disulfide	20.0	19.8	99	72-128	
1,1-Dichloroethene	20.0	21.5	108	71-126	
1,1-Dichloroethane	20.0	17.9	89	76-125	
trans-1,2-Dichloroethene	20.0	19.3	97	75-122	
cis-1,2-Dichloroethene	20.0	18.2	91	80-120	
Chloroform	20.0	19.4	97	77-120	
1,2-Dichloroethane	20.0	17.8	89	76-118	
2-Butanone	20.0	16.3	81	77-117	
1,1,1-Trichloroethane	20.0	17.8	89	78-117	
Carbon tetrachloride	20.0	20.0	100	79-118	
Bromodichloromethane	20.0	19.2	96	79-119	
1,2-Dichloropropane	20.0	17.7	88	82-122	
cis-1,3-Dichloropropene	20.0	17.7	89	80-123	
Trichloroethene	20.0	19.5	98	79-119	
Dibromochloromethane	20.0	21.6	108	68-120	
1,1,2-Trichloroethane	20.0	17.8	89	73-118	
Benzene	20.0	18.7	93	77-117	
trans-1,3-Dichloropropene	20.0	18.1	91	67-121	
Bromoform	20.0	24.0	120	59-125	
4-Methyl-2-pentanone	20.0	16.3	81	68-120	
2-Hexanone	20.0	17.6	88	70-122	
Tetrachloroethene	20.0	22.7	114	80-120	
1,1,2,2-Tetrachloroethane	20.0	17.9	89	79-122	
Toluene	20.0	19.5	97	75-115	
Chlorobenzene	20.0	19.7	98	80-120	
Ethylbenzene	20.0	19.6	98	81-121	
Styrene	20.0	18.9	95	82-122	
Xylenes, Total	60.0	59.4	99	82-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: d10674.d
Lab ID: LCSD 460-78823/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.0	14.0	70	0	30	50-151	
Bromomethane	20.0	17.6	88	0	30	54-142	
Vinyl chloride	20.0	15.9	80	5	30	67-133	
Chloroethane	20.0	19.8	99	15	30	56-146	
Methylene Chloride	20.0	20.6	103	6	30	74-137	
Acetone	20.0	22.3	112	11	30	27-164	
Carbon disulfide	20.0	19.8	99	3	30	72-128	
1,1-Dichloroethene	20.0	22.4	112	1	30	71-126	
1,1-Dichloroethane	20.0	19.4	97	8	30	76-125	
trans-1,2-Dichloroethene	20.0	19.9	100	5	30	75-122	
cis-1,2-Dichloroethene	20.0	19.3	96	8	30	80-120	
Chloroform	20.0	20.0	100	8	30	77-120	
1,2-Dichloroethane	20.0	18.4	92	9	30	76-118	
2-Butanone	20.0	14.2	71	0	30	77-117	*
1,1,1-Trichloroethane	20.0	18.8	94	4	30	78-117	
Carbon tetrachloride	20.0	21.4	107	5	30	79-118	
Bromodichloromethane	20.0	19.7	98	6	30	79-119	
1,2-Dichloropropane	20.0	17.8	89	7	30	82-122	
cis-1,3-Dichloropropene	20.0	16.9	84	1	30	80-123	
Trichloroethene	20.0	19.7	98	7	30	79-119	
Dibromochloromethane	20.0	22.1	111	8	30	68-120	
1,1,2-Trichloroethane	20.0	18.5	92	3	30	73-118	
Benzene	20.0	18.8	94	5	30	77-117	
trans-1,3-Dichloropropene	20.0	17.9	89	1	30	67-121	
Bromoform	20.0	24.3	122	8	30	59-125	
4-Methyl-2-pentanone	20.0	15.0	75	2	30	68-120	
2-Hexanone	20.0	16.3	82	3	30	70-122	
Tetrachloroethene	20.0	23.2	116	8	30	80-120	
1,1,2,2-Tetrachloroethane	20.0	18.0	90	3	30	79-122	
Toluene	20.0	20.1	101	6	30	75-115	
Chlorobenzene	20.0	20.0	100	5	30	80-120	
Ethylbenzene	20.0	19.9	100	7	30	81-121	
Styrene	20.0	18.8	94	5	30	82-122	
Xylenes, Total	60.0	59.6	99	5	30	82-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: d10701.d
 Lab ID: LCSD 460-78926/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.0	14.7	73	4	30	50-151	
Bromomethane	20.0	18.9	95	4	30	54-142	
Vinyl chloride	20.0	16.3	82	2	30	67-133	
Chloroethane	20.0	19.0	95	3	30	56-146	
Methylene Chloride	20.0	20.2	101	4	30	74-137	
Acetone	20.0	22.7	113	7	30	27-164	
Carbon disulfide	20.0	21.2	106	7	30	72-128	
1,1-Dichloroethene	20.0	23.7	118	9	30	71-126	
1,1-Dichloroethane	20.0	18.6	93	4	30	76-125	
trans-1,2-Dichloroethene	20.0	20.4	102	5	30	75-122	
cis-1,2-Dichloroethene	20.0	19.1	95	5	30	80-120	
Chloroform	20.0	20.1	101	4	30	77-120	
1,2-Dichloroethane	20.0	18.3	92	3	30	76-118	
2-Butanone	20.0	15.9	79	2	30	77-117	
1,1,1-Trichloroethane	20.0	19.0	95	6	30	78-117	
Carbon tetrachloride	20.0	21.8	109	8	30	79-118	
Bromodichloromethane	20.0	20.0	100	4	30	79-119	
1,2-Dichloropropane	20.0	18.3	92	4	30	82-122	
cis-1,3-Dichloropropene	20.0	18.4	92	4	30	80-123	
Trichloroethene	20.0	20.2	101	4	30	79-119	
Dibromochloromethane	20.0	22.1	111	2	30	68-120	
1,1,2-Trichloroethane	20.0	18.6	93	4	30	73-118	
Benzene	20.0	19.5	97	4	30	77-117	
trans-1,3-Dichloropropene	20.0	18.6	93	3	30	67-121	
Bromoform	20.0	23.9	120	0	30	59-125	
4-Methyl-2-pentanone	20.0	17.2	86	6	30	68-120	
2-Hexanone	20.0	18.9	94	7	30	70-122	
Tetrachloroethene	20.0	23.4	117	3	30	80-120	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	4	30	79-122	
Toluene	20.0	20.3	102	4	30	75-115	
Chlorobenzene	20.0	20.6	103	5	30	80-120	
Ethylbenzene	20.0	20.5	103	5	30	81-121	
Styrene	20.0	19.2	96	2	30	82-122	
Xylenes, Total	60.0	61.5	103	4	30	82-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: a65659.d
 Lab ID: 460-28327-1 MS Client ID: SP-4-WATER MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	100	1.0 U	75.5	75	58-146	
Bromomethane	100	1.0 U	81.2	81	55-153	
Vinyl chloride	100	1.0 U	79.2	79	61-144	
Chloroethane	100	1.0 U	87.4	87	69-145	
Methylene Chloride	100	1.0 U	90.9	91	79-119	
Acetone	100	10 U	80.4	80	45-156	
Carbon disulfide	100	1.0 U	71.3	71	58-139	
1,1-Dichloroethene	100	1.0 U	87.5	87	56-139	
1,1-Dichloroethane	100	1.0 U	86.4	86	78-122	
trans-1,2-Dichloroethene	100	1.0 U	84.7	85	75-122	
cis-1,2-Dichloroethene	100	1.0 U	84.2	84	80-120	
Chloroform	100	1.0 U	89.9	90	82-123	
1,2-Dichloroethane	100	1.0 U	92.2	92	74-118	
2-Butanone	100	10 U	83.3	83	65-114	
1,1,1-Trichloroethane	100	1.0 U	83.6	84	74-128	
Carbon tetrachloride	100	1.0 U	83.8	84	73-120	
Bromodichloromethane	100	1.0 U	83.9	84	79-119	
1,2-Dichloropropane	100	1.0 U	84.1	84	80-120	
cis-1,3-Dichloropropene	100	1.0 U	84.3	84	80-120	
Trichloroethene	100	0.37 J	81.3	81	78-119	
Dibromochloromethane	100	1.0 U	79.7	80	80-120	
1,1,2-Trichloroethane	100	1.0 U	88.5	89	79-119	
Benzene	100	1.0 U	89.0	89	83-124	
trans-1,3-Dichloropropene	100	1.0 U	78.1	78	78-118	
Bromoform	100	1.0 U	69.9	70	73-123	F
4-Methyl-2-pentanone	100	10 U	73.5	74	53-120	
2-Hexanone	100	10 U	64.5	64	53-121	
Tetrachloroethene	100	1.0 U	87.4	87	68-139	
1,1,2,2-Tetrachloroethane	100	1.0 U	106	106	74-126	
Toluene	100	1.0 U	89.2	89	80-120	
Chlorobenzene	100	1.0 U	90.0	90	81-121	
Ethylbenzene	100	1.0 U	83.9	84	79-126	
Styrene	100	1.0 U	84.0	84	69-112	
Xylenes, Total	300	3.0 U	254	85	76-121	

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.: 460-28327-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: a65660.d
 Lab ID: 460-28327-1 MSD Client ID: SP-4-WATER MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	100	79.7	80	5	30	58-146	
Bromomethane	100	84.9	85	4	30	55-153	
Vinyl chloride	100	82.6	83	4	30	61-144	
Chloroethane	100	94.1	94	7	30	69-145	
Methylene Chloride	100	102	102	11	30	79-119	
Acetone	100	82.8	83	3	30	45-156	
Carbon disulfide	100	75.9	76	6	30	58-139	
1,1-Dichloroethene	100	96.4	96	10	30	56-139	
1,1-Dichloroethane	100	96.8	97	11	30	78-122	
trans-1,2-Dichloroethene	100	93.7	94	10	30	75-122	
cis-1,2-Dichloroethene	100	92.3	92	9	30	80-120	
Chloroform	100	101	101	12	30	82-123	
1,2-Dichloroethane	100	103	103	11	30	74-118	
2-Butanone	100	92.1	92	10	30	65-114	
1,1,1-Trichloroethane	100	91.7	92	9	30	74-128	
Carbon tetrachloride	100	91.8	92	9	30	73-120	
Bromodichloromethane	100	91.9	92	9	30	79-119	
1,2-Dichloropropane	100	94.1	94	11	30	80-120	
cis-1,3-Dichloropropene	100	91.1	91	8	30	80-120	
Trichloroethene	100	92.1	92	13	30	78-119	
Dibromochloromethane	100	89.2	89	11	30	80-120	
1,1,2-Trichloroethane	100	101	101	13	30	79-119	
Benzene	100	101	101	12	30	83-124	
trans-1,3-Dichloropropene	100	86.0	86	10	30	78-118	
Bromoform	100	79.6	80	13	30	73-123	
4-Methyl-2-pentanone	100	83.3	83	12	30	53-120	
2-Hexanone	100	74.5	75	14	30	53-121	
Tetrachloroethene	100	98.2	98	12	30	68-139	
1,1,2,2-Tetrachloroethane	100	120	120	12	30	74-126	
Toluene	100	100	100	12	30	80-120	
Chlorobenzene	100	104	104	15	30	81-121	
Ethylbenzene	100	96.6	97	14	30	79-126	
Styrene	100	95.1	95	12	30	69-112	
Xylenes, Total	300	287	96	12	30	76-121	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: d10676.d Lab Sample ID: MB 460-78823/5
Matrix: Solid Heated Purge: (Y/N) Y
Instrument ID: VOAMS4 Date Analyzed: 07/05/2011 12:40
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-78823/3	d10672.d	07/05/2011 09:27
	LCSD 460-78823/4	d10674.d	07/05/2011 11:45
SP-3-SOLID	460-28327-7	d10682.d	07/05/2011 15:10
SP-2-SOLID	460-28327-8	d10683.d	07/05/2011 15:34
SP-1-SOLID	460-28327-9	d10684.d	07/05/2011 15:59
DUPE-SOLID	460-28327-10	d10685.d	07/05/2011 16:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: d10703.d Lab Sample ID: MB 460-78926/5
Matrix: Solid Heated Purge: (Y/N) Y
Instrument ID: VOAMS4 Date Analyzed: 07/06/2011 11:47
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-78926/3	d10700.d	07/06/2011 09:52
	LCSD 460-78926/4	d10701.d	07/06/2011 10:48
SP-4-SOLID	460-28327-6	d10708.d	07/06/2011 13:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: a65656.d Lab Sample ID: MB 460-78833/3
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS1 Date Analyzed: 07/05/2011 09:36
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-4-WATER	460-28327-1	a65657.d	07/05/2011 09:56
	LCS 460-78833/5	a65658.d	07/05/2011 10:16
SP-4-WATER MS	460-28327-1 MS	a65659.d	07/05/2011 10:43
SP-4-WATER MSD	460-28327-1 MSD	a65660.d	07/05/2011 11:03
SP-3-WATER	460-28327-2	a65674.d	07/05/2011 15:38
SP-2-WATER	460-28327-3	a65675.d	07/05/2011 15:57
SP-1-WATER	460-28327-4	a65676.d	07/05/2011 16:17
DUPE-WATER	460-28327-5	a65677.d	07/05/2011 16:37

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: a63937.d BFB Injection Date: 05/21/2011
Instrument ID: VOAMS1 BFB Injection Time: 02:21
Analysis Batch No.: 74374

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.8
75	30.0 - 60.0 % of mass 95	49.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.6
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	65.9
175	5.0 - 9.0 % of mass 174	5.2 (7.9) 1
176	95.0 - 101.0 % of mass 174	65.6 (99.6) 1
177	5.0 - 9.0 % of mass 176	4.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-74374/2	a63940.d	05/21/2011	03:20
	IC 460-74374/3	a63941.d	05/21/2011	03:39
	ICIS 460-74374/4	a63942.d	05/21/2011	03:59
	IC 460-74374/5	a63943.d	05/21/2011	04:19
	IC 460-74374/6	a63944.d	05/21/2011	04:39
	IC 460-74374/7	a63945.d	05/21/2011	04:58

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: a65650.d BFB Injection Date: 07/05/2011
Instrument ID: VOAMS1 BFB Injection Time: 07:23
Analysis Batch No.: 78833

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.0
75	30.0 - 60.0 % of mass 95	54.7
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	1.2 (1.7) 1
174	50.0 - 120.00 % of mass 95	71.7
175	5.0 - 9.0 % of mass 174	6.0 (8.3) 1
176	95.0 - 101.0 % of mass 174	70.7 (98.6) 1
177	5.0 - 9.0 % of mass 176	5.2 (7.4) 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 460-78833/2	a65652.d	07/05/2011	08:08
	MB 460-78833/3	a65656.d	07/05/2011	09:36
SP-4-WATER	460-28327-1	a65657.d	07/05/2011	09:56
	LCS 460-78833/5	a65658.d	07/05/2011	10:16
SP-4-WATER MS	460-28327-1 MS	a65659.d	07/05/2011	10:43
SP-4-WATER MSD	460-28327-1 MSD	a65660.d	07/05/2011	11:03
SP-3-WATER	460-28327-2	a65674.d	07/05/2011	15:38
SP-2-WATER	460-28327-3	a65675.d	07/05/2011	15:57
SP-1-WATER	460-28327-4	a65676.d	07/05/2011	16:17
DUPE-WATER	460-28327-5	a65677.d	07/05/2011	16:37

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab File ID: d08980.d BFB Injection Date: 05/16/2011
 Instrument ID: VOAMS4 BFB Injection Time: 07:52
 Analysis Batch No.: 73788

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.7
75	30.0 - 60.0 % of mass 95	45.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.4 (0.5) 1
174	50.0 - 120.00 % of mass 95	84.7
175	5.0 - 9.0 % of mass 174	6.2 (7.3) 1
176	95.0 - 101.0 % of mass 174	83.4 (98.4) 1
177	5.0 - 9.0 % of mass 176	5.5 (6.7) 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 460-73788/2	d08984.d	05/16/2011	09:31
	IC 460-73788/3	d08986.d	05/16/2011	10:19
	IC 460-73788/4	d08988.d	05/16/2011	11:08
	IC 460-73788/5	d08992.d	05/16/2011	12:48
	ICIS 460-73788/6	d08994.d	05/16/2011	13:43
	IC 460-73788/7	d08997.d	05/16/2011	16:13

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: d10670.d BFB Injection Date: 07/05/2011
Instrument ID: VOAMS4 BFB Injection Time: 08:52
Analysis Batch No.: 78823

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.2
75	30.0 - 60.0 % of mass 95	46.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	94.7
175	5.0 - 9.0 % of mass 174	7.2 (7.6) 1
176	95.0 - 101.0 % of mass 174	92.0 (97.1) 1
177	5.0 - 9.0 % of mass 176	6.1 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-78823/2	d10671.d	07/05/2011	09:03
	LCS 460-78823/3	d10672.d	07/05/2011	09:27
	LCSD 460-78823/4	d10674.d	07/05/2011	11:45
	MB 460-78823/5	d10676.d	07/05/2011	12:40
SP-3-SOLID	460-28327-7	d10682.d	07/05/2011	15:10
SP-2-SOLID	460-28327-8	d10683.d	07/05/2011	15:34
SP-1-SOLID	460-28327-9	d10684.d	07/05/2011	15:59
DUPE-SOLID	460-28327-10	d10685.d	07/05/2011	16:23

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab File ID: d10697.d BFB Injection Date: 07/06/2011
 Instrument ID: VOAMS4 BFB Injection Time: 06:52
 Analysis Batch No.: 78926

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.3
75	30.0 - 60.0 % of mass 95	46.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.4 (0.4) 1
174	50.0 - 120.00 % of mass 95	92.8
175	5.0 - 9.0 % of mass 174	7.1 (7.6) 1
176	95.0 - 101.0 % of mass 174	89.8 (96.7) 1
177	5.0 - 9.0 % of mass 176	6.0 (6.7) 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 460-78926/2	d10698.d	07/06/2011	07:09
	LCS 460-78926/3	d10700.d	07/06/2011	09:52
	LCSD 460-78926/4	d10701.d	07/06/2011	10:48
	MB 460-78926/5	d10703.d	07/06/2011	11:47
SP-4-SOLID	460-28327-6	d10708.d	07/06/2011	13:48

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Sample No.: CCVIS 460-78833/2 Date Analyzed: 07/05/2011 08:08
 Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): a65652.d Heated Purge: (Y/N) N
 Calibration ID: 10998

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	446895	4.42	340970	6.96	231284	8.49	
UPPER LIMIT	893790	4.92	681940	7.46	462568	8.99	
LOWER LIMIT	223448	3.92	170485	6.46	115642	7.99	
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-78833/3		376119	4.42	266120	6.96	137040	8.49
460-28327-1	SP-4-WATER	385462	4.43	275668	6.96	139610	8.50
LCS 460-78833/5		403015	4.42	279709	6.96	153154	8.50
460-28327-1 MS	SP-4-WATER MS	456082	4.42	320668	6.96	174314	8.50
460-28327-1 MSD	SP-4-WATER MSD	411128	4.42	284648	6.96	153193	8.49
460-28327-2	SP-3-WATER	322601	4.42	227960	6.96	117454	8.50
460-28327-3	SP-2-WATER	721250	4.42	515107	6.96	260481	8.49
460-28327-4	SP-1-WATER	319139	4.42	227391	6.96	115826	8.50
460-28327-5	DUPE-WATER	367097	4.42	260695	6.96	129656	8.50

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Sample No.: CCVIS 460-78823/2 Date Analyzed: 07/05/2011 09:03
 Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): d10671.d Heated Purge: (Y/N) Y
 Calibration ID: 10898

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		419388	4.66	317990	8.04	178165	9.99
UPPER LIMIT		838776	5.16	635980	8.54	356330	10.49
LOWER LIMIT		209694	4.16	158995	7.54	89083	9.49
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-78823/3		395202	4.66	289107	8.04	160884	9.99
LCSD 460-78823/4		389671	4.66	284663	8.04	156010	9.99
MB 460-78823/5		377948	4.66	261747	8.04	148425	9.99
460-28327-7	SP-3-SOLID	378322	4.66	264800	8.04	146888	9.99
460-28327-8	SP-2-SOLID	363026	4.66	256517	8.04	139816	9.99
460-28327-9	SP-1-SOLID	376591	4.67	264932	8.04	144245	10.00
460-28327-10	DUPE-SOLID	321210	4.66	226832	8.04	127704	10.00

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Sample No.: CCVIS 460-78926/2 Date Analyzed: 07/06/2011 07:09
 Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): d10698.d Heated Purge: (Y/N) Y
 Calibration ID: 10898

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	393234	4.65	286844	8.04	159445	9.99	
UPPER LIMIT	786468	5.15	573688	8.54	318890	10.49	
LOWER LIMIT	196617	4.15	143422	7.54	79723	9.49	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-78926/3		398816	4.66	303998	8.04	168904	9.99
LCSD 460-78926/4		364298	4.66	278559	8.04	153721	9.99
MB 460-78926/5		353463	4.66	253946	8.04	142927	9.99
460-28327-6	SP-4-SOLID	323428	4.66	235628	8.04	128153	10.00

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.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-4-WATER Lab Sample ID: 460-28327-1

Matrix: Water Lab File ID: a65657.d

Analysis Method: 8260B Date Collected: 06/30/2011 11:00

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 09:56

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	0.37	J	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-4-WATER Lab Sample ID: 460-28327-1
Matrix: Water Lab File ID: a65657.d
Analysis Method: 8260B Date Collected: 06/30/2011 11:00
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 09:56
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-122
2037-26-5	Toluene-d8 (Surr)	107		69-125
460-00-4	Bromofluorobenzene	95		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65657.d
 Report Date: 05-Jul-2011 10:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65657.d
 Lab Smp Id: 460-28327-A-1 Client Smp ID: SP-4-WATER
 Inj Date : 05-JUL-2011 09:56
 Operator : VOA GC/MS1 Inst ID: VOAMS1.i
 Smp Info : 460-28327-A-1
 Misc Info : 460-28327-A-1
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
 Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
 Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
 Als bottle: 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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====		=====	==	=====	=====	=====	=====	=====
11 Ethyl Ether		59	1.968	1.956	(0.445)	4182	1.98522	2.0
28 MTBE		73	2.755	2.755	(0.622)	1865	0.25680	0.26(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.212	4.206	(0.952)	120574	56.6273	57
* 52 Fluorobenzene		96	4.425	4.419	(1.000)	385462	50.0000	
54 Trichloroethene		95	4.687	4.681	(1.059)	890	0.36864	0.37(a)
\$ 65 Toluene-d8 (SUR)		98	5.602	5.602	(0.805)	358950	53.4200	53
* 78 Chlorobenzene-d5		117	6.961	6.961	(1.000)	275668	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	7.815	7.815	(0.920)	96613	47.3129	47
* 108 1,4-Dichlorobenzene-d4		152	8.497	8.485	(1.000)	139610	50.0000	

QC Flag Legend

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

Data File: a65657.d

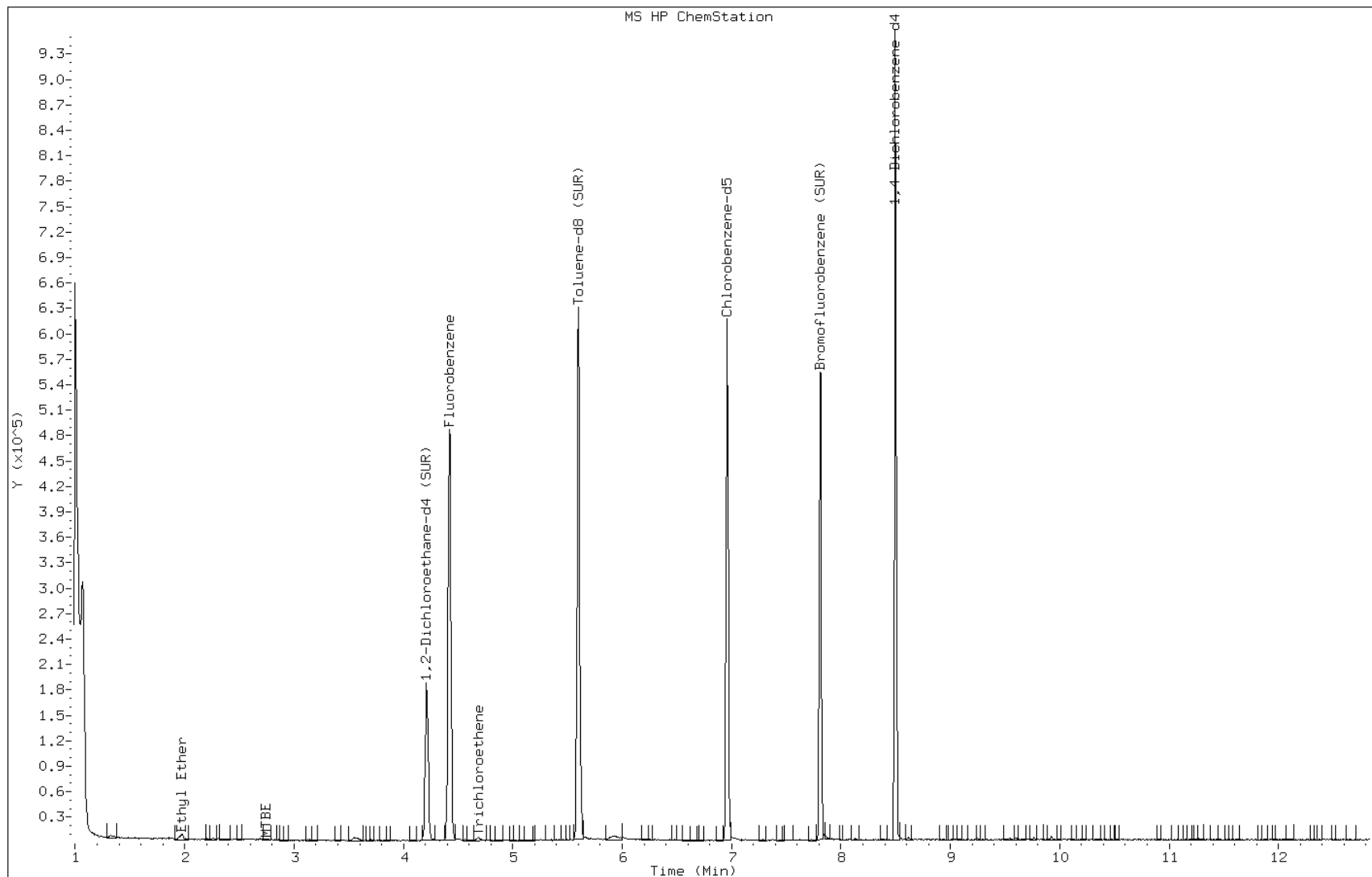
Date: 05-JUL-2011 09:56

Client ID: SP-4-WATER

Sample Info: 460-28327-A-1

Instrument: VOAMS1.i

Operator: VOA GC/MS1



Data File: a65657.d

Date: 05-JUL-2011 09:56

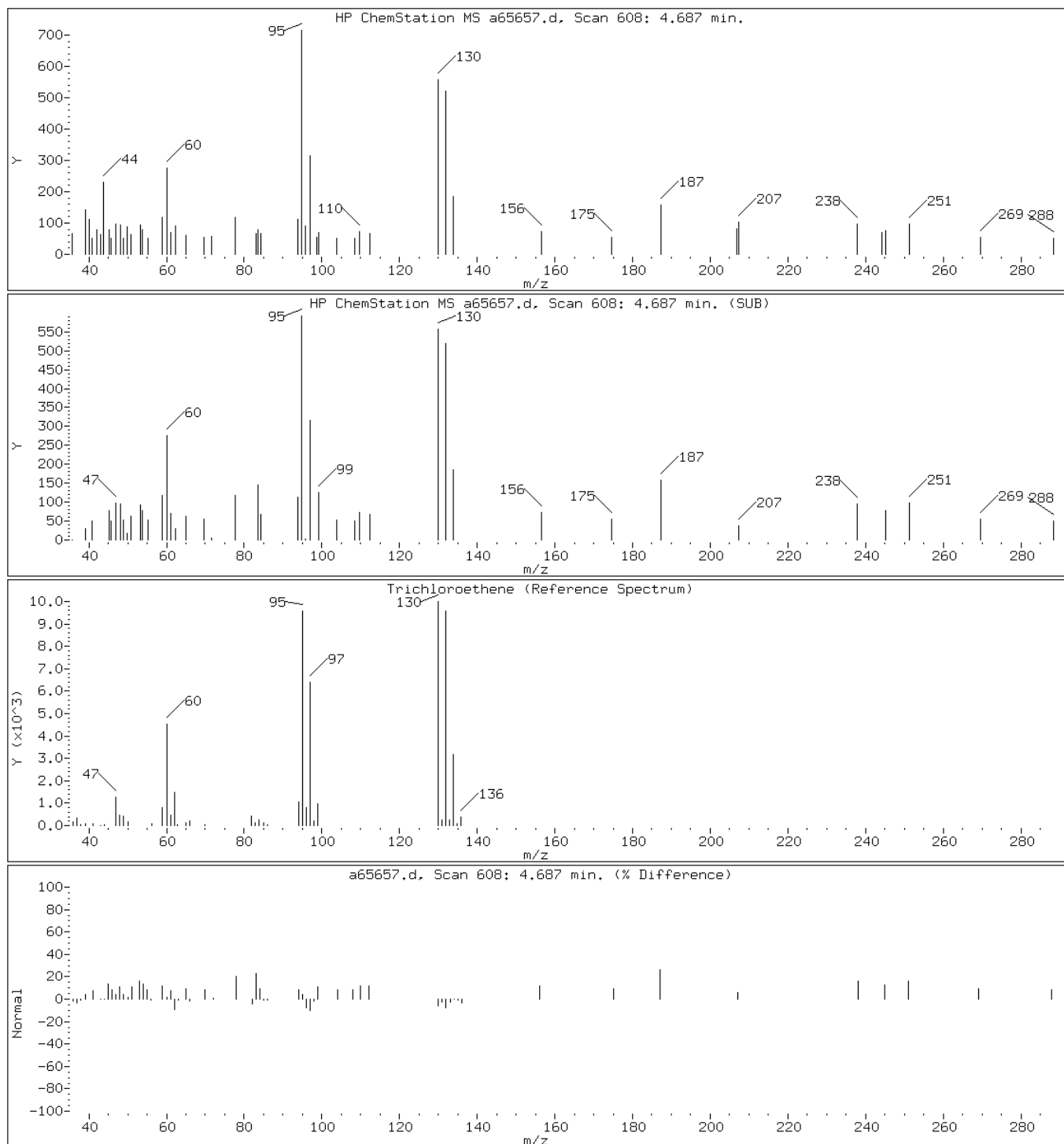
Client ID: SP-4-WATER

Instrument: VOAMS1.i

Sample Info: 460-28327-A-1

Operator: VOA GC/MS1

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Client Sample ID: SP-3-WATER Lab Sample ID: 460-28327-2
 Matrix: Water Lab File ID: a65674.d
 Analysis Method: 8260B Date Collected: 06/30/2011 09:30
 Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	0.20	J	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-3-WATER Lab Sample ID: 460-28327-2
Matrix: Water Lab File ID: a65674.d
Analysis Method: 8260B Date Collected: 06/30/2011 09:30
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 15:38
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-122
2037-26-5	Toluene-d8 (Surr)	108		69-125
460-00-4	Bromofluorobenzene	91		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65674.d
 Report Date: 06-Jul-2011 06:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65674.d
 Lab Smp Id: 460-28327-A-2 Client Smp ID: SP-3-WATER
 Inj Date : 05-JUL-2011 15:38
 Operator : VOA GC/MS1 Inst ID: VOAMS1.i
 Smp Info : 460-28327-A-2
 Misc Info : 460-28327-A-2
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
 Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
 Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
 Als bottle: 23
 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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
11 Ethyl Ether		59	1.980	1.956 (0.448)		2462	1.39646	1.4
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.212	4.206 (0.952)		105738	59.3361	59
* 52 Fluorobenzene		96	4.425	4.419 (1.000)		322601	50.0000	
54 Trichloroethene		95	4.681	4.681 (1.058)		396	0.19598	0.20(a)
\$ 65 Toluene-d8 (SUR)		98	5.602	5.602 (0.805)		300540	54.0879	54
* 78 Chlorobenzene-d5		117	6.961	6.961 (1.000)		227960	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	7.815	7.815 (0.919)		77884	45.3358	45
* 108 1,4-Dichlorobenzene-d4		152	8.503	8.485 (1.000)		117454	50.0000	

QC Flag Legend

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

Data File: a65674.d

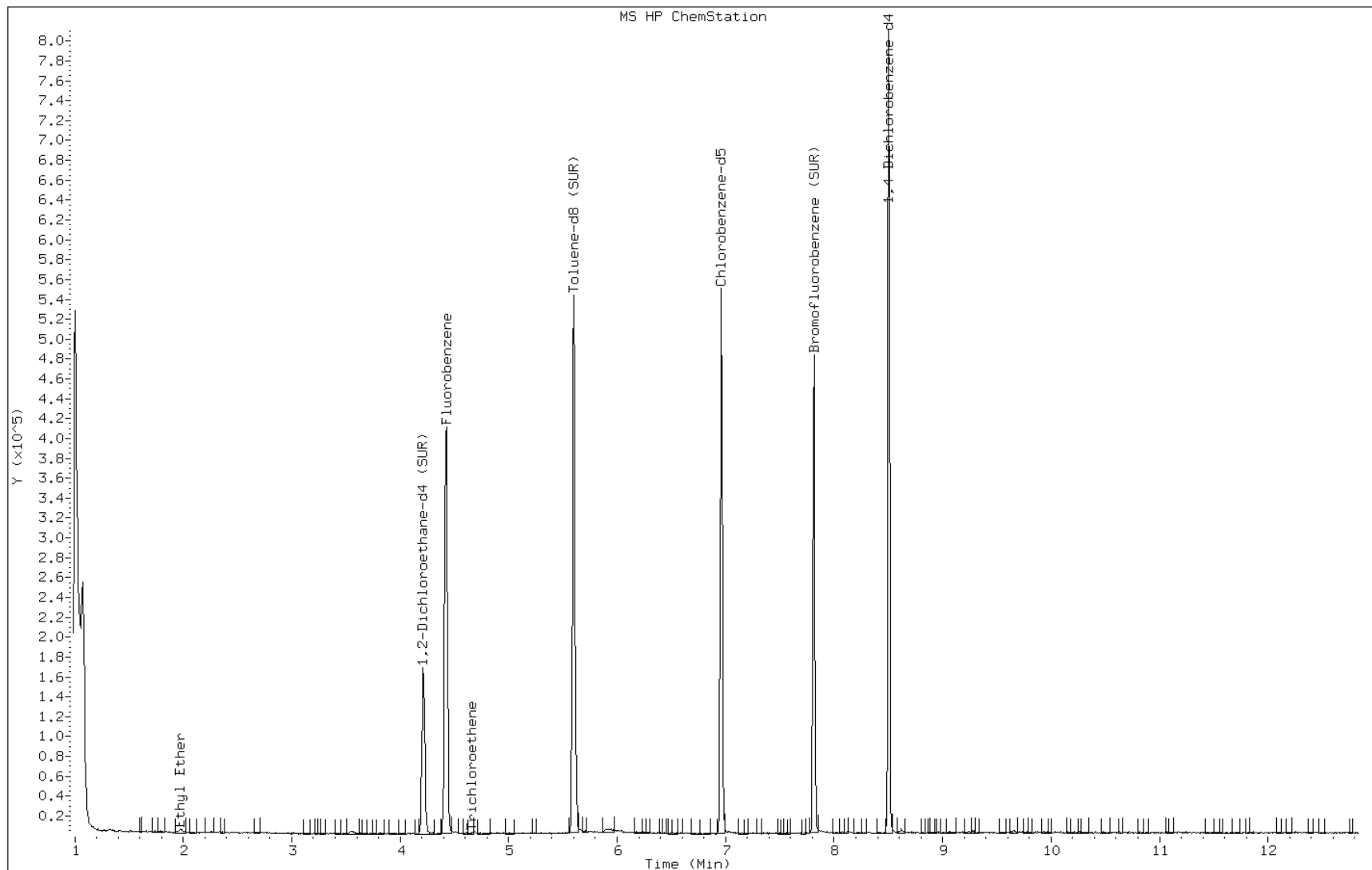
Date: 05-JUL-2011 15:38

Client ID: SP-3-WATER

Sample Info: 460-28327-A-2

Instrument: VOAMS1.i

Operator: VOA GC/MS1



Data File: a65674.d

Date: 05-JUL-2011 15:38

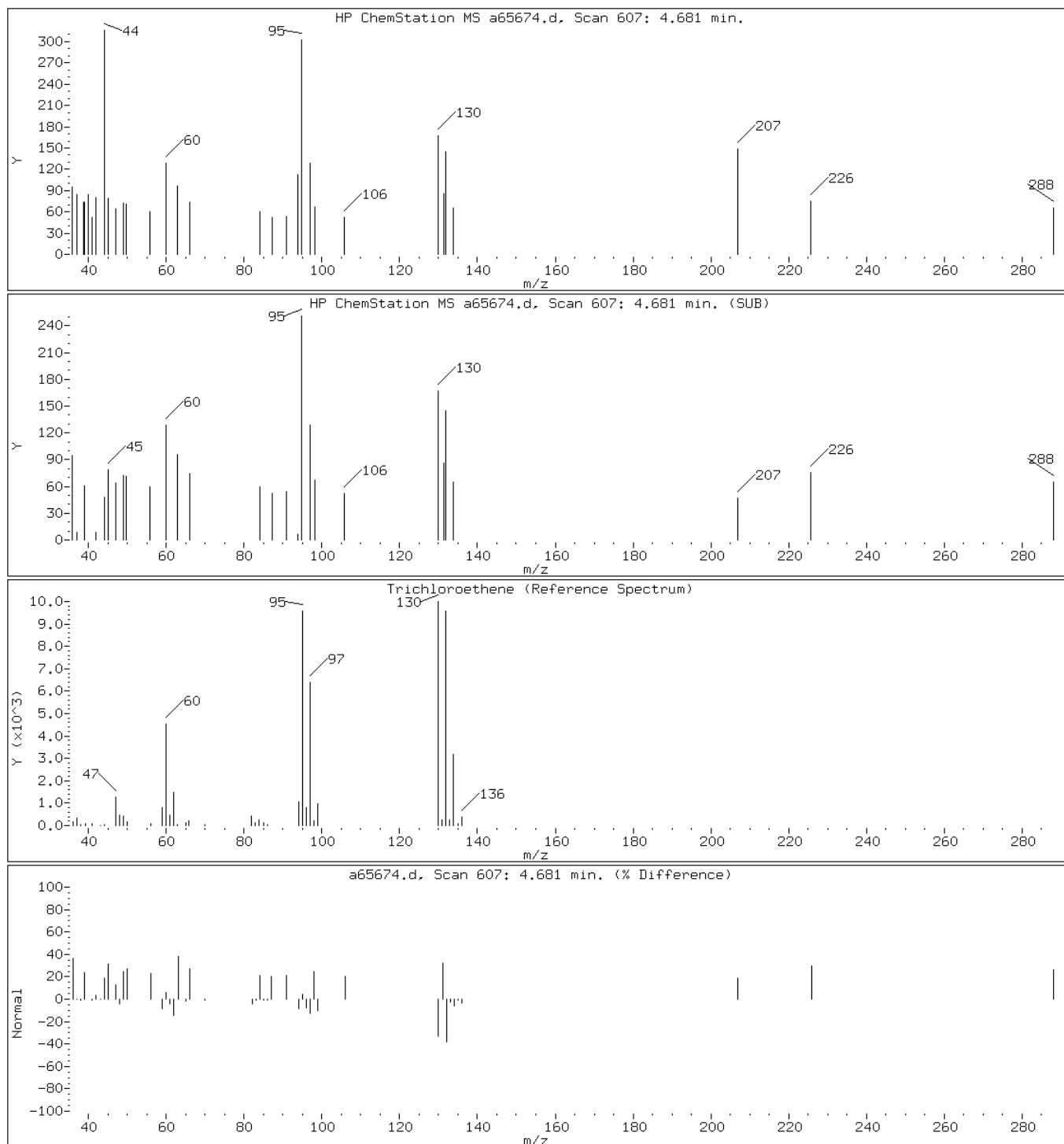
Client ID: SP-3-WATER

Instrument: VOAMS1.i

Sample Info: 460-28327-A-2

Operator: VOA GC/MS1

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Client Sample ID: SP-2-WATER Lab Sample ID: 460-28327-3
 Matrix: Water Lab File ID: a65675.d
 Analysis Method: 8260B Date Collected: 06/30/2011 14:15
 Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 15:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-2-WATER Lab Sample ID: 460-28327-3
Matrix: Water Lab File ID: a65675.d
Analysis Method: 8260B Date Collected: 06/30/2011 14:15
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 15:57
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-122
2037-26-5	Toluene-d8 (Surr)	109		69-125
460-00-4	Bromofluorobenzene	94		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65675.d
Report Date: 06-Jul-2011 06:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65675.d
Lab Smp Id: 460-28327-A-3 Client Smp ID: SP-2-WATER
Inj Date : 05-JUL-2011 15:57
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : 460-28327-A-3
Misc Info : 460-28327-A-3
Comment :
Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
Als bottle: 24
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)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.206	(0.953)	214748	53.9010	54	
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	721250	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	683954	54.4735	54	
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	515107	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.920)	179902	47.2194	47	
* 108 1,4-Dichlorobenzene-d4	152	8.491	8.485	(1.000)	260481	50.0000		

Data File: a65675.d

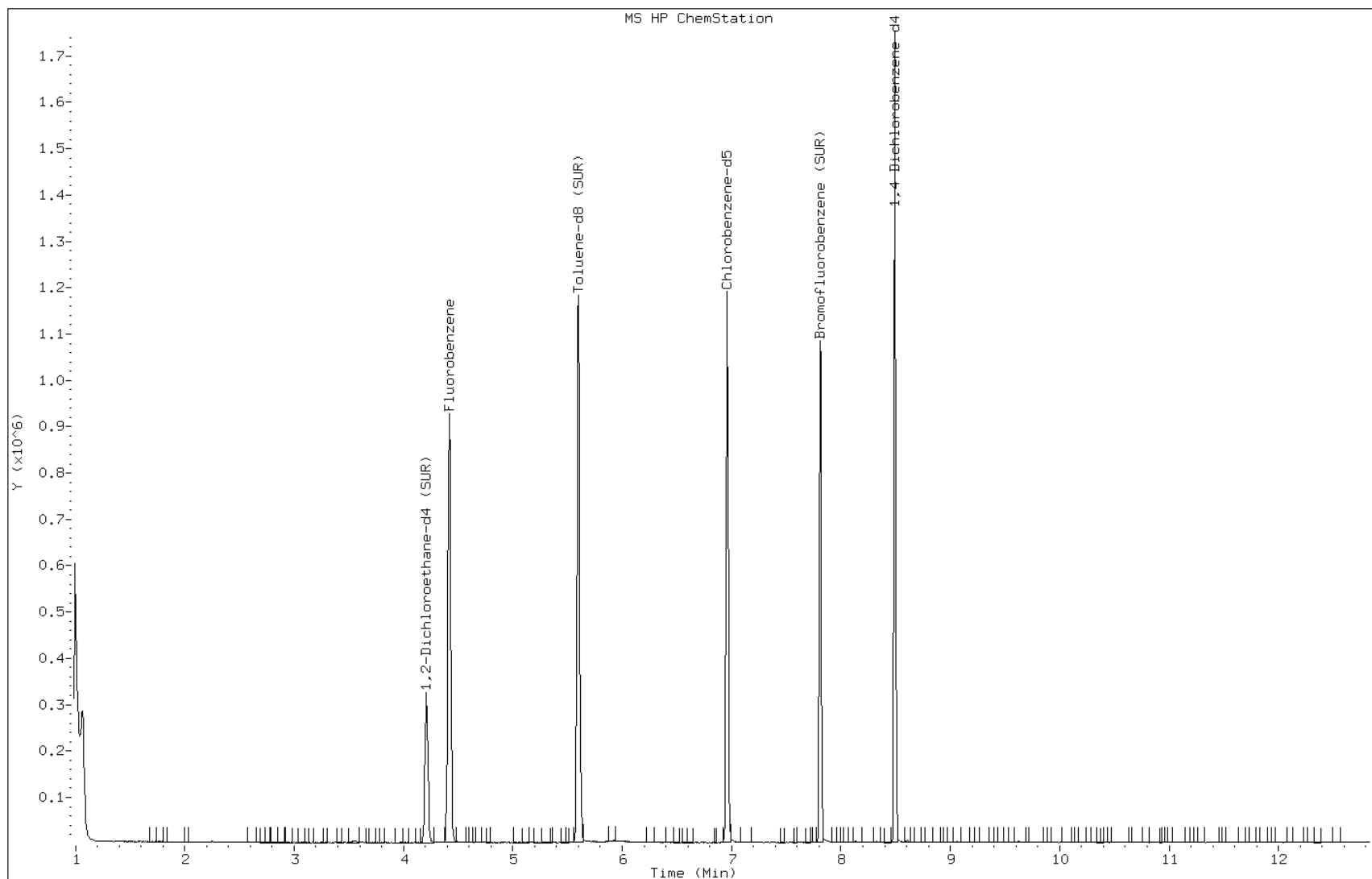
Date: 05-JUL-2011 15:57

Client ID: SP-2-WATER

Sample Info: 460-28327-A-3

Instrument: VOAMS1.i

Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-1-WATER Lab Sample ID: 460-28327-4

Matrix: Water Lab File ID: a65676.d

Analysis Method: 8260B Date Collected: 06/30/2011 13:15

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 16:17

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	0.56	J	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-1-WATER Lab Sample ID: 460-28327-4
Matrix: Water Lab File ID: a65676.d
Analysis Method: 8260B Date Collected: 06/30/2011 13:15
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 16:17
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-122
2037-26-5	Toluene-d8 (Surr)	107		69-125
460-00-4	Bromofluorobenzene	90		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65676.d
Report Date: 06-Jul-2011 06:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65676.d
Lab Smp Id: 460-28327-A-4 Client Smp ID: SP-1-WATER
Inj Date : 05-JUL-2011 16:17
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : 460-28327-A-4
Misc Info : 460-28327-A-4
Comment :
Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
Als bottle: 25
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	4.212	4.206 (0.953)	104604	59.3365	59		
* 52 Fluorobenzene	96	4.419	4.419 (1.000)	319139	50.0000			
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602 (0.805)	296320	53.4618	53		
66 Toluene	91	5.657	5.657 (0.813)	4537	0.55887	0.56(a)		
* 78 Chlorobenzene-d5	117	6.961	6.961 (1.000)	227391	50.0000			
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815 (0.920)	76576	45.2009	45		
* 108 1,4-Dichlorobenzene-d4	152	8.498	8.485 (1.000)	115826	50.0000			

QC Flag Legend

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

Data File: a65676.d

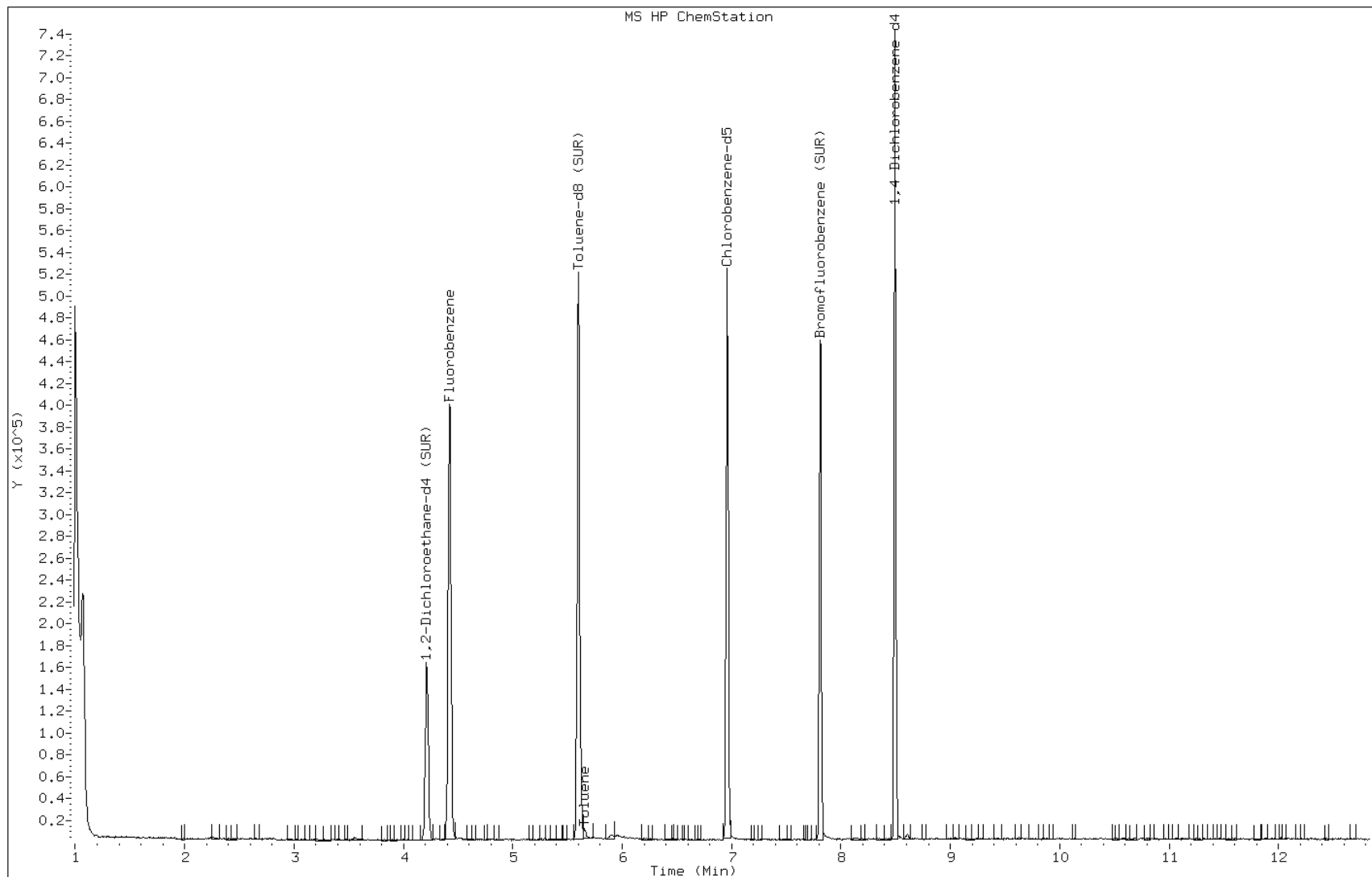
Date: 05-JUL-2011 16:17

Client ID: SP-1-WATER

Sample Info: 460-28327-A-4

Instrument: VOAMS1.i

Operator: VOA GC/MS1



Data File: a65676.d

Date: 05-JUL-2011 16:17

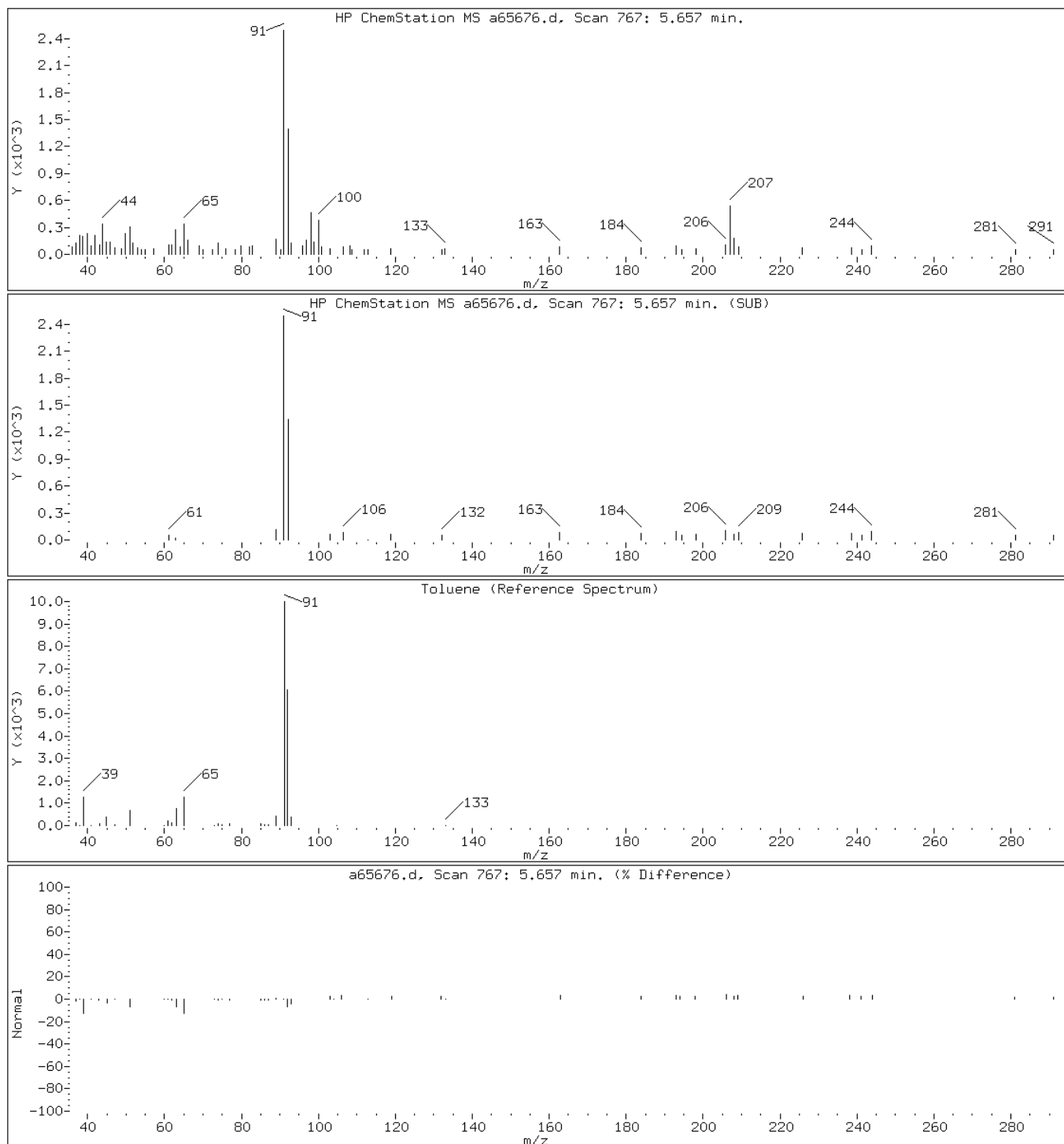
Client ID: SP-1-WATER

Instrument: VOAMS1.i

Sample Info: 460-28327-A-4

Operator: VOA GC/MS1

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: DUPE-WATER Lab Sample ID: 460-28327-5

Matrix: Water Lab File ID: a65677.d

Analysis Method: 8260B Date Collected: 06/30/2011 00:00

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 16:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: DUPE-WATER Lab Sample ID: 460-28327-5
Matrix: Water Lab File ID: a65677.d
Analysis Method: 8260B Date Collected: 06/30/2011 00:00
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 16:37
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-122
2037-26-5	Toluene-d8 (Surr)	108		69-125
460-00-4	Bromofluorobenzene	93		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65677.d
Report Date: 08-Jul-2011 11:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65677.d
Lab Smp Id: 460-28327-A-5 Client Smp ID: DUPE-WATER
Inj Date : 05-JUL-2011 16:37
Operator : VOA GC/MS1 Inst ID: VOAMS1.i
Smp Info : 460-28327-A-5
Misc Info : 460-28327-A-5
Comment :
Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
Als bottle: 26
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)
=====		=====	==	=====	=====	=====	=====	=====
11 Ethyl Ether		59	1.968	1.956	(0.445)	2417	1.20477	1.2(H)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	4.212	4.206	(0.953)	120835	59.5889	60
* 52 Fluorobenzene		96	4.419	4.419	(1.000)	367097	50.0000	
\$ 65 Toluene-d8 (SUR)		98	5.602	5.602	(0.805)	342334	53.8733	54
* 78 Chlorobenzene-d5		117	6.961	6.961	(1.000)	260695	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	7.815	7.815	(0.920)	87947	46.3755	46
* 108 1,4-Dichlorobenzene-d4		152	8.497	8.485	(1.000)	129656	50.0000	

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: a65677.d

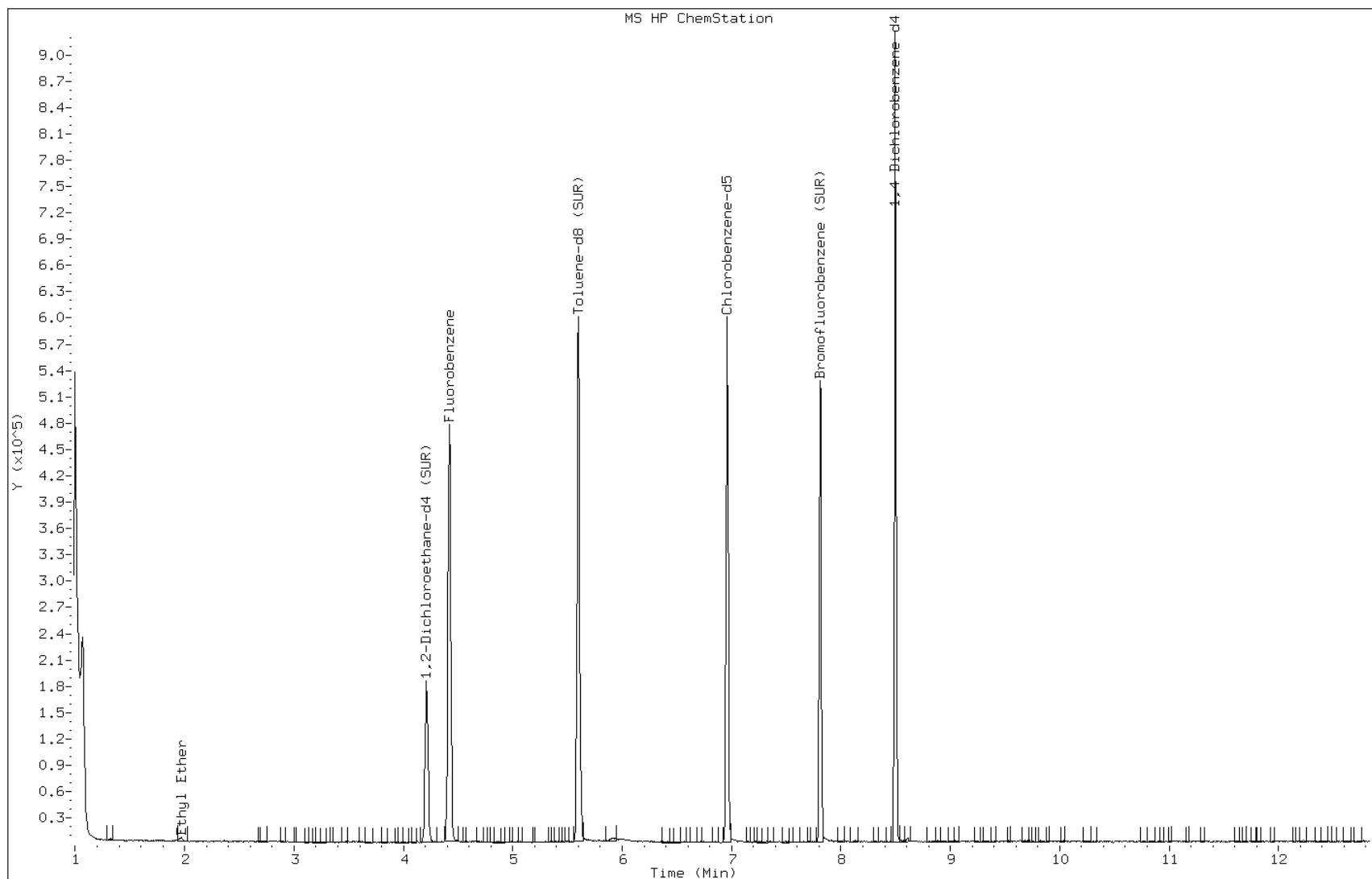
Date: 05-JUL-2011 16:37

Client ID: DUPE-WATER

Sample Info: 460-28327-A-5

Instrument: VOAMS1.i

Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-4-SOLID Lab Sample ID: 460-28327-6

Matrix: Solid Lab File ID: d10708.d

Analysis Method: 8260B Date Collected: 06/30/2011 11:00

Sample wt/vol: 5.04(g) Date Analyzed: 07/06/2011 13:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: 48.6 Level: (low/med) Low

Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.9	U	1.9	1.2
74-83-9	Bromomethane	1.9	U	1.9	0.79
75-01-4	Vinyl chloride	1.9	U	1.9	0.45
75-00-3	Chloroethane	1.9	U	1.9	0.77
75-09-2	Methylene Chloride	1.9	U	1.9	0.91
67-64-1	Acetone	120		19	7.1
75-15-0	Carbon disulfide	1.9	U	1.9	0.90
75-35-4	1,1-Dichloroethene	1.9	U	1.9	0.71
75-34-3	1,1-Dichloroethane	1.9	U	1.9	0.49
156-60-5	trans-1,2-Dichloroethene	1.9	U	1.9	0.55
156-59-2	cis-1,2-Dichloroethene	1.9	U	1.9	0.46
67-66-3	Chloroform	1.9	U	1.9	0.46
107-06-2	1,2-Dichloroethane	1.9	U	1.9	0.75
78-93-3	2-Butanone	17	J	19	1.1
71-55-6	1,1,1-Trichloroethane	1.9	U	1.9	0.36
56-23-5	Carbon tetrachloride	1.9	U	1.9	0.19
75-27-4	Bromodichloromethane	1.9	U	1.9	0.59
78-87-5	1,2-Dichloropropane	1.9	U	1.9	0.61
10061-01-5	cis-1,3-Dichloropropene	1.9	U	1.9	0.39
79-01-6	Trichloroethene	1.9	U	1.9	0.70
124-48-1	Dibromochloromethane	1.9	U	1.9	1.1
79-00-5	1,1,2-Trichloroethane	1.9	U	1.9	1.1
71-43-2	Benzene	1.9	U	1.9	1.4
10061-02-6	trans-1,3-Dichloropropene	1.9	U	1.9	0.43
75-25-2	Bromoform	1.9	U	1.9	1.4
108-10-1	4-Methyl-2-pentanone	19	U	19	1.4
591-78-6	2-Hexanone	19	U	19	3.2
127-18-4	Tetrachloroethene	1.9	U	1.9	0.64
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	1.9	1.5
108-88-3	Toluene	1.9	U	1.9	0.58
108-90-7	Chlorobenzene	1.9	U	1.9	0.93
100-41-4	Ethylbenzene	1.9	U	1.9	0.37
100-42-5	Styrene	1.9	U	1.9	0.67
1330-20-7	Xylenes, Total	5.8	U	5.8	1.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-4-SOLID Lab Sample ID: 460-28327-6
Matrix: Solid Lab File ID: d10708.d
Analysis Method: 8260B Date Collected: 06/30/2011 11:00
Sample wt/vol: 5.04(g) Date Analyzed: 07/06/2011 13:48
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: 48.6 Level: (low/med) Low
Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-138
2037-26-5	Toluene-d8 (Surr)	96		66-126
460-00-4	Bromofluorobenzene	97		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10708.d
 Report Date: 07-Jul-2011 08:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10708.d
 Lab Smp Id: 460-28327-A-6-C Client Smp ID: SP-4-SOLID
 Inj Date : 06-JUL-2011 13:48
 Operator : VOAMS 9 Inst ID: VOAMS4.i
 Smp Info : 460-28327-A-6-C;;;5.04;5
 Misc Info : 460-28327-A-6-C
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/8260L_10.m
 Meth Date : 06-Jul-2011 07:17 desais Quant Type: ISTD
 Cal Date : 16-MAY-2011 16:13 Cal File: d08997.d
 Als bottle: 11
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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	5.00000	Volume of final extract (mL)
Ws	5.04000	Weight of sample extracted (g)
M	48.56688	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L) FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
46 Ethyl Ether	59	1.989	1.975	(0.427)	1404	0.78386	1.5(aH)
7 Acetone	58	2.562	2.562	(0.550)	13308	61.0143	120
18 2-Butanone	72	4.045	4.031	(0.868)	4242	8.62983	17(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	88090	49.4525	95
* 69 Fluorobenzene	96	4.661	4.654	(1.000)	323428	50.0000	
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	283429	48.2160	93
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	235628	50.0000	
\$ 41 Bromofluorobenzene (SUR)	174	9.117	9.116	(0.912)	109562	48.2951	93
* 91 1,4-Dichlorobenzene-d4	152	9.998	9.990	(1.000)	128153	50.0000	

QC Flag Legend

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

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10708.d
Report Date: 07-Jul-2011 08:34

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: d10708.d

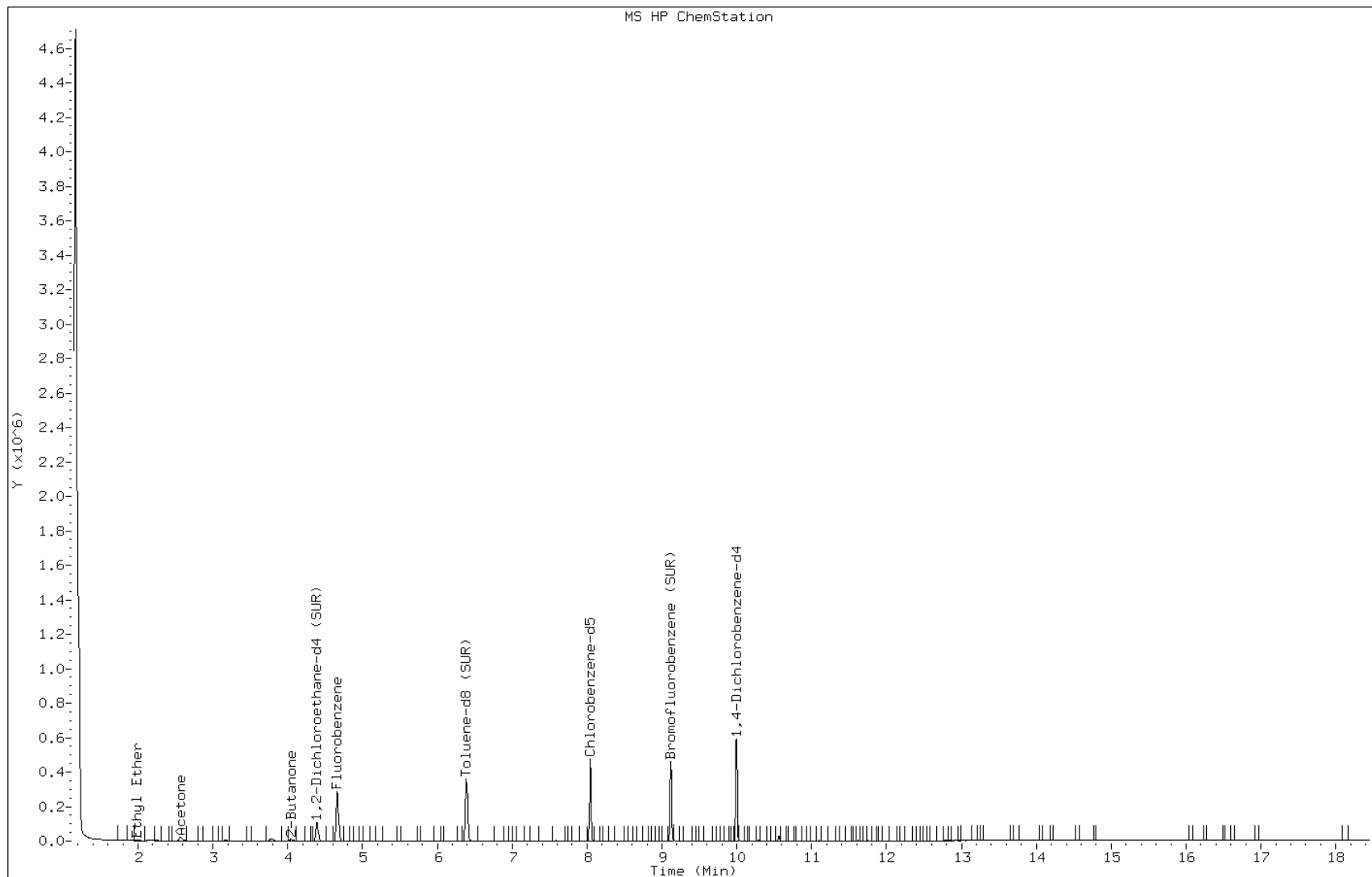
Date: 06-JUL-2011 13:48

Client ID: SP-4-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-6-C;;;5.04;5

Operator: VOAMS 9



Data File: d10708.d

Date: 06-JUL-2011 13:48

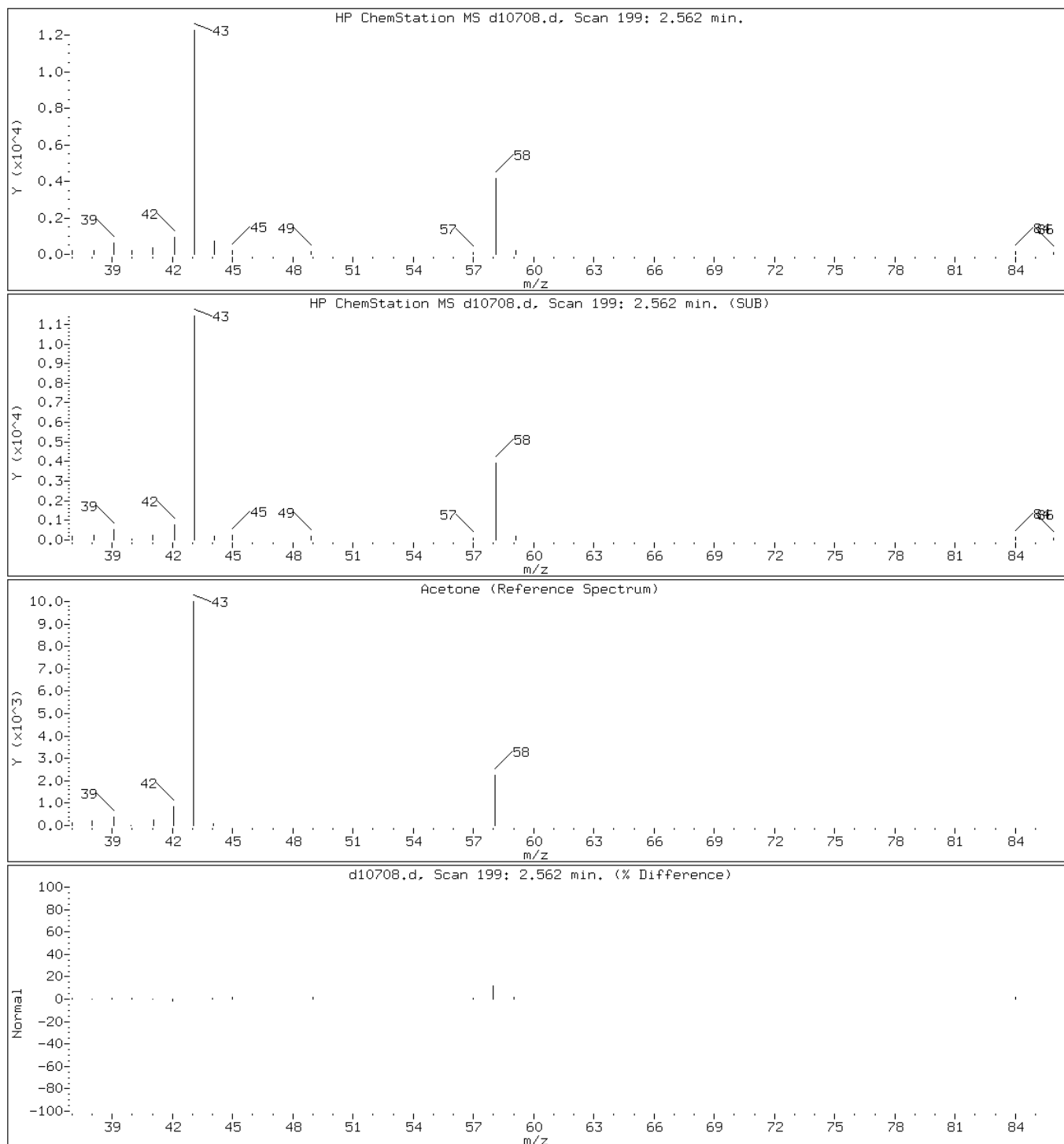
Client ID: SP-4-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-6-C;;;5.04;5

Operator: VOAMS 9

7 Acetone



Data File: d10708.d

Date: 06-JUL-2011 13:48

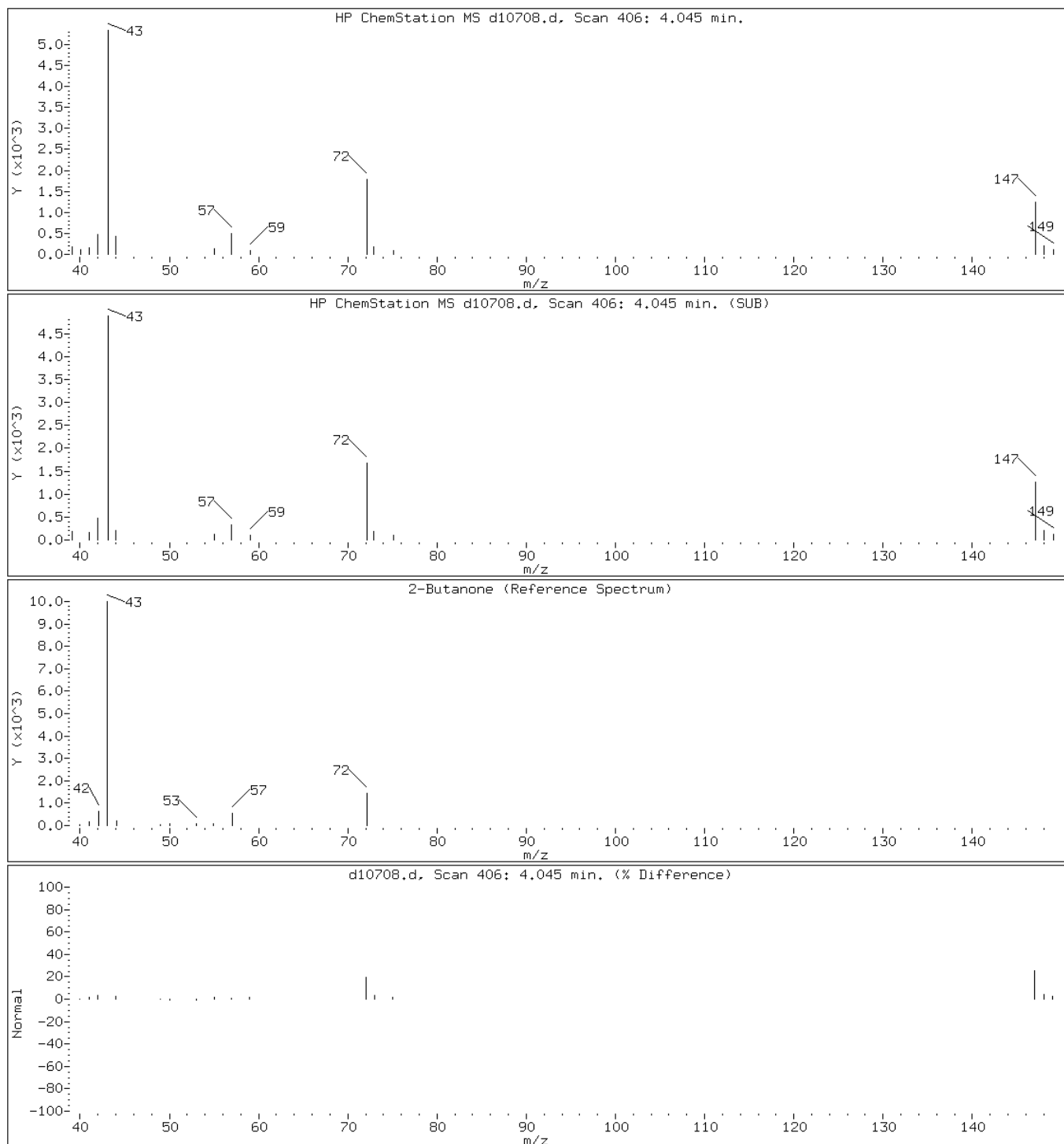
Client ID: SP-4-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-6-C;;;5.04;5

Operator: VOAMS 9

18 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-3-SOLID Lab Sample ID: 460-28327-7

Matrix: Solid Lab File ID: d10682.d

Analysis Method: 8260B Date Collected: 06/30/2011 09:30

Sample wt/vol: 5.53(g) Date Analyzed: 07/05/2011 15:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: 21.1 Level: (low/med) Low

Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.1	U	1.1	0.73
74-83-9	Bromomethane	1.1	U	1.1	0.47
75-01-4	Vinyl chloride	1.1	U	1.1	0.27
75-00-3	Chloroethane	1.1	U	1.1	0.46
75-09-2	Methylene Chloride	1.1	U	1.1	0.54
67-64-1	Acetone	11	U	11	4.2
75-15-0	Carbon disulfide	1.1	U	1.1	0.53
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.42
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.29
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.32
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.27
67-66-3	Chloroform	1.1	U	1.1	0.27
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.45
78-93-3	2-Butanone	11	U *	11	0.65
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.21
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.12
75-27-4	Bromodichloromethane	1.1	U	1.1	0.35
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.36
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.23
79-01-6	Trichloroethene	0.77	J	1.1	0.42
124-48-1	Dibromochloromethane	1.1	U	1.1	0.64
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.68
71-43-2	Benzene	1.1	U	1.1	0.85
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.25
75-25-2	Bromoform	1.1	U	1.1	0.80
108-10-1	4-Methyl-2-pentanone	11	U	11	0.82
591-78-6	2-Hexanone	11	U	11	1.9
127-18-4	Tetrachloroethene	1.1	U	1.1	0.38
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.87
108-88-3	Toluene	1.1	U	1.1	0.34
108-90-7	Chlorobenzene	1.1	U	1.1	0.55
100-41-4	Ethylbenzene	1.1	U	1.1	0.22
100-42-5	Styrene	1.1	U	1.1	0.40
1330-20-7	Xylenes, Total	3.4	U	3.4	0.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-3-SOLID Lab Sample ID: 460-28327-7
Matrix: Solid Lab File ID: d10682.d
Analysis Method: 8260B Date Collected: 06/30/2011 09:30
Sample wt/vol: 5.53(g) Date Analyzed: 07/05/2011 15:10
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: 21.1 Level: (low/med) Low
Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	96		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10682.d
 Report Date: 06-Jul-2011 07:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10682.d
 Lab Smp Id: 460-28327-A-7-B Client Smp ID: SP-3-SOLID
 Inj Date : 05-JUL-2011 15:10
 Operator : VOAMS 9 Inst ID: VOAMS4.i
 Smp Info : 460-28327-A-7-B;;;5.53;5
 Misc Info : 460-28327-A-7-B
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais Quant Type: ISTD
 Cal Date : 16-MAY-2011 16:13 Cal File: d08997.d
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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	5.00000	Volume of final extract (mL)
Ws	5.53000	Weight of sample extracted (g)
M	21.11111	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	95684	45.9216	53	
* 69 Fluorobenzene	96	4.661	4.661	(1.000)	378322	50.0000		
25 Trichloroethene	95	4.833	4.819	(1.037)	1795	0.66947	0.77(a)	
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	324043	49.0522	56	
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	264800	50.0000		
\$ 41 Bromofluorobenzene (SUR)	174	9.116	9.117	(0.913)	124332	47.8155	55	
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	146888	50.0000		

QC Flag Legend

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

Data File: d10682.d

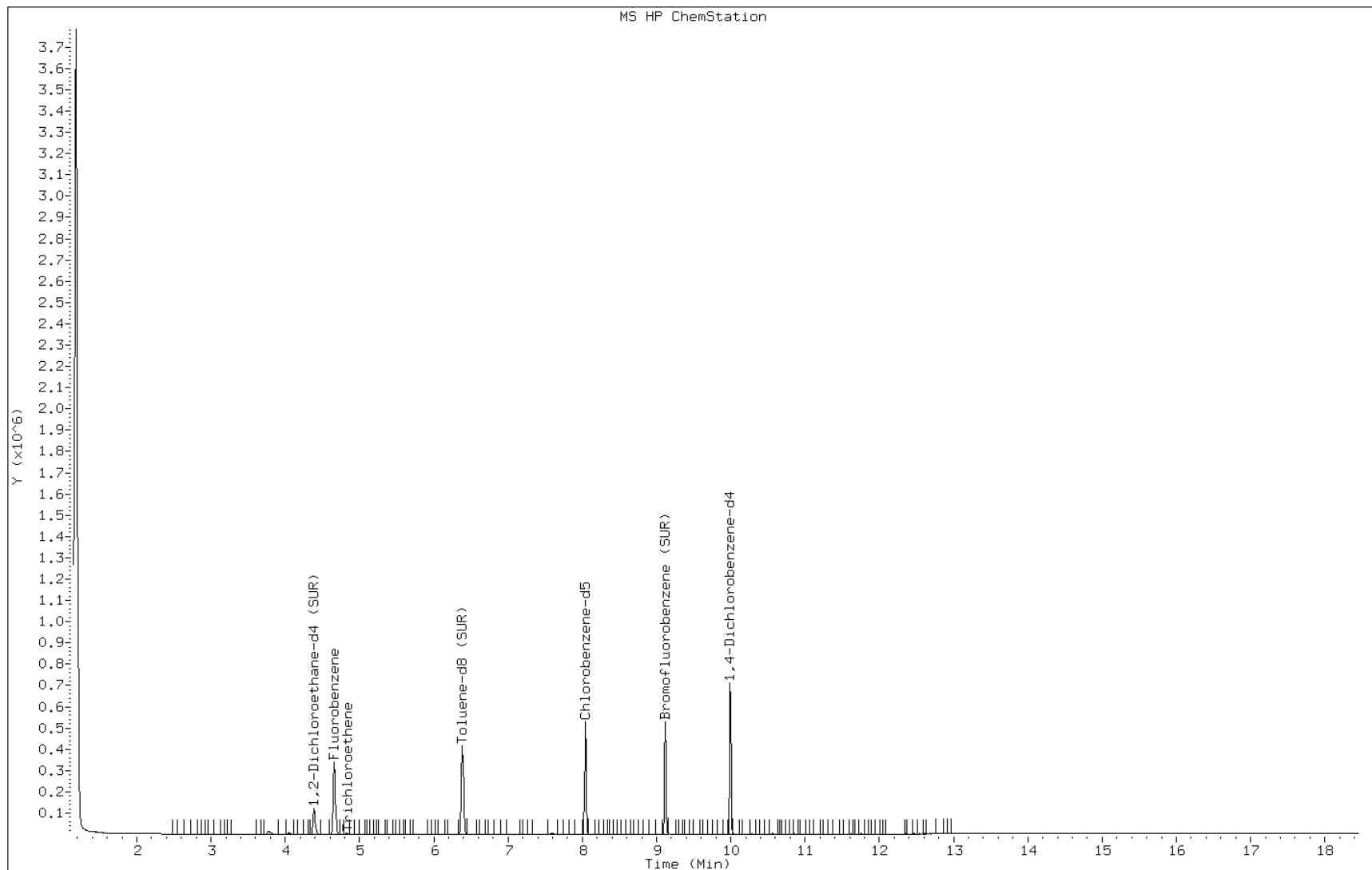
Date: 05-JUL-2011 15:10

Client ID: SP-3-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-7-B;;;5.53;5

Operator: VOAMS 9



Data File: d10682.d

Date: 05-JUL-2011 15:10

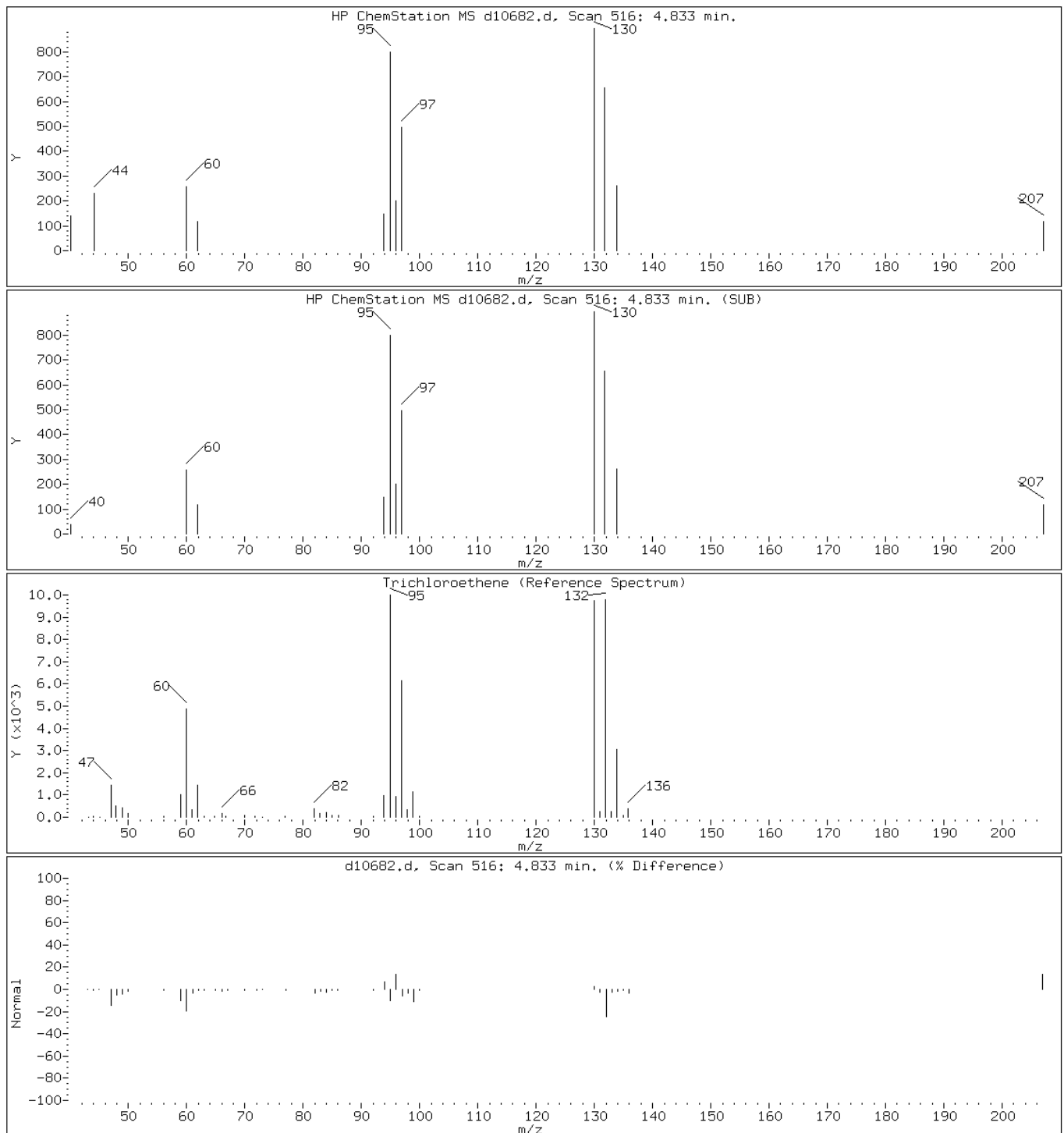
Client ID: SP-3-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-7-B;;;5.53;5

Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-2-SOLID Lab Sample ID: 460-28327-8

Matrix: Solid Lab File ID: d10683.d

Analysis Method: 8260B Date Collected: 06/30/2011 14:15

Sample wt/vol: 5.66(g) Date Analyzed: 07/05/2011 15:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: 25.8 Level: (low/med) Low

Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.2	U	1.2	0.75
74-83-9	Bromomethane	1.2	U	1.2	0.49
75-01-4	Vinyl chloride	1.2	U	1.2	0.28
75-00-3	Chloroethane	1.2	U	1.2	0.48
75-09-2	Methylene Chloride	1.2	U	1.2	0.56
67-64-1	Acetone	12	U	12	4.4
75-15-0	Carbon disulfide	1.2	U	1.2	0.55
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.44
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.30
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.34
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.28
67-66-3	Chloroform	0.66	J	1.2	0.28
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.46
78-93-3	2-Butanone	12	U *	12	0.68
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.22
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.12
75-27-4	Bromodichloromethane	1.2	U	1.2	0.36
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.38
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.24
79-01-6	Trichloroethene	1.2	U	1.2	0.43
124-48-1	Dibromochloromethane	1.2	U	1.2	0.67
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.71
71-43-2	Benzene	1.2	U	1.2	0.88
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.26
75-25-2	Bromoform	1.2	U	1.2	0.83
108-10-1	4-Methyl-2-pentanone	12	U	12	0.85
591-78-6	2-Hexanone	12	U	12	2.0
127-18-4	Tetrachloroethene	1.2	U	1.2	0.39
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.90
108-88-3	Toluene	1.2	U	1.2	0.36
108-90-7	Chlorobenzene	1.2	U	1.2	0.57
100-41-4	Ethylbenzene	1.2	U	1.2	0.23
100-42-5	Styrene	1.2	U	1.2	0.41
1330-20-7	Xylenes, Total	3.6	U	3.6	0.94

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-2-SOLID Lab Sample ID: 460-28327-8
Matrix: Solid Lab File ID: d10683.d
Analysis Method: 8260B Date Collected: 06/30/2011 14:15
Sample wt/vol: 5.66(g) Date Analyzed: 07/05/2011 15:34
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: 25.8 Level: (low/med) Low
Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	97		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10683.d
 Report Date: 06-Jul-2011 07:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10683.d
 Lab Smp Id: 460-28327-A-8-B Client Smp ID: SP-2-SOLID
 Inj Date : 05-JUL-2011 15:34
 Operator : VOAMS 9 Inst ID: VOAMS4.i
 Smp Info : 460-28327-A-8-B;;;5.66;5
 Misc Info : 460-28327-A-8-B
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais Quant Type: ISTD
 Cal Date : 16-MAY-2011 16:13 Cal File: d08997.d
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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	5.00000	Volume of final extract (mL)
Ws	5.66000	Weight of sample extracted (g)
M	25.81262	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
15 Chloroform		83	3.766	3.759	(0.808)	2471	0.55649	0.66(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)		65	4.389	4.382	(0.942)	92703	46.3655	55
* 69 Fluorobenzene		96	4.661	4.661	(1.000)	363026	50.0000	
\$ 37 Toluene-d8 (SUR)		98	6.387	6.380	(0.794)	312538	48.8383	58
* 32 Chlorobenzene-d5		117	8.042	8.042	(1.000)	256517	50.0000	
\$ 41 Bromofluorobenzene (SUR)		174	9.116	9.117	(0.913)	120035	48.4979	58
* 91 1,4-Dichlorobenzene-d4		152	9.990	9.990	(1.000)	139816	50.0000	

QC Flag Legend

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

Data File: d10683.d

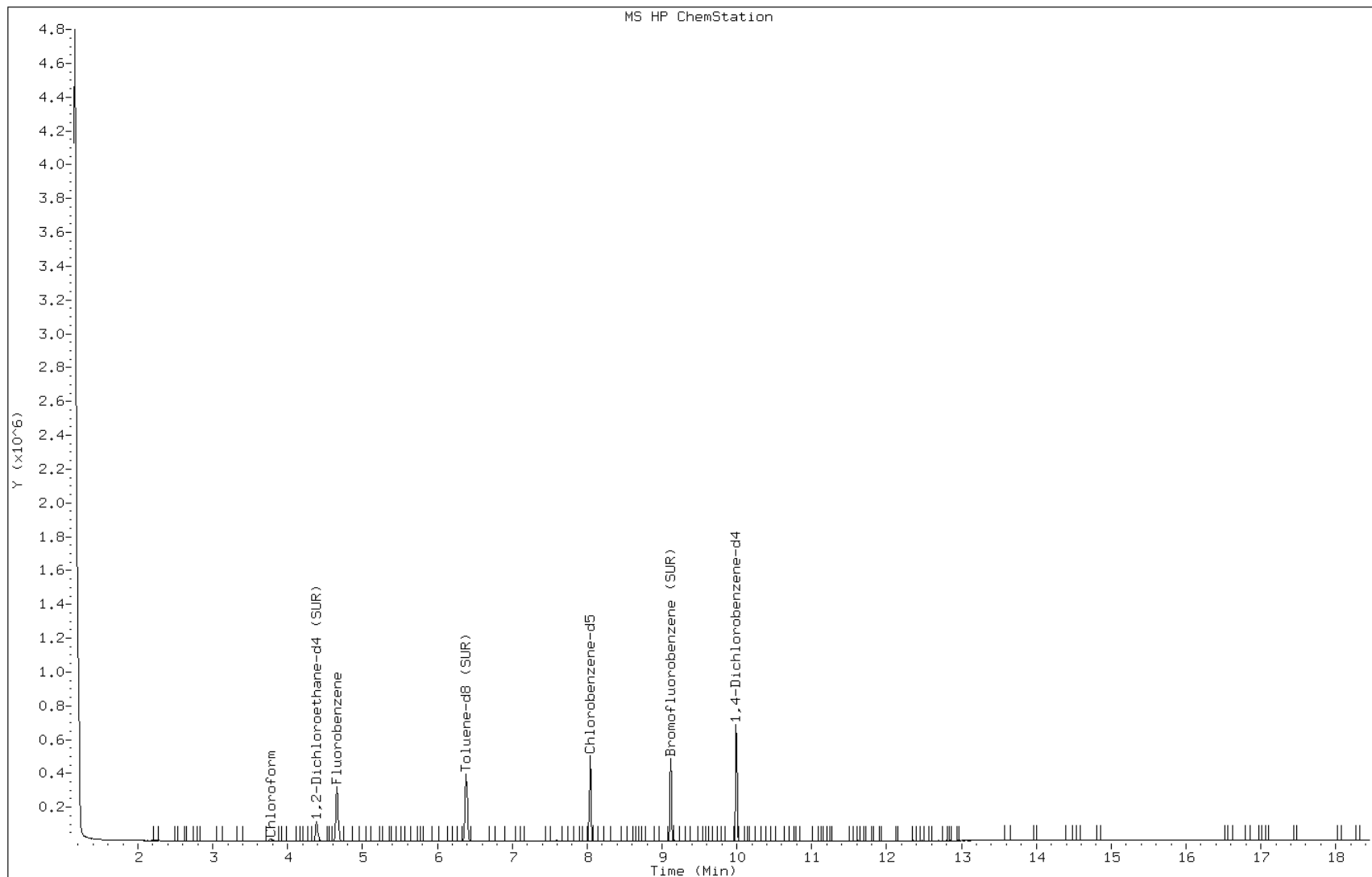
Date: 05-JUL-2011 15:34

Client ID: SP-2-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-8-B;;;5.66;5

Operator: VOAMS 9



Data File: d10683.d

Date: 05-JUL-2011 15:34

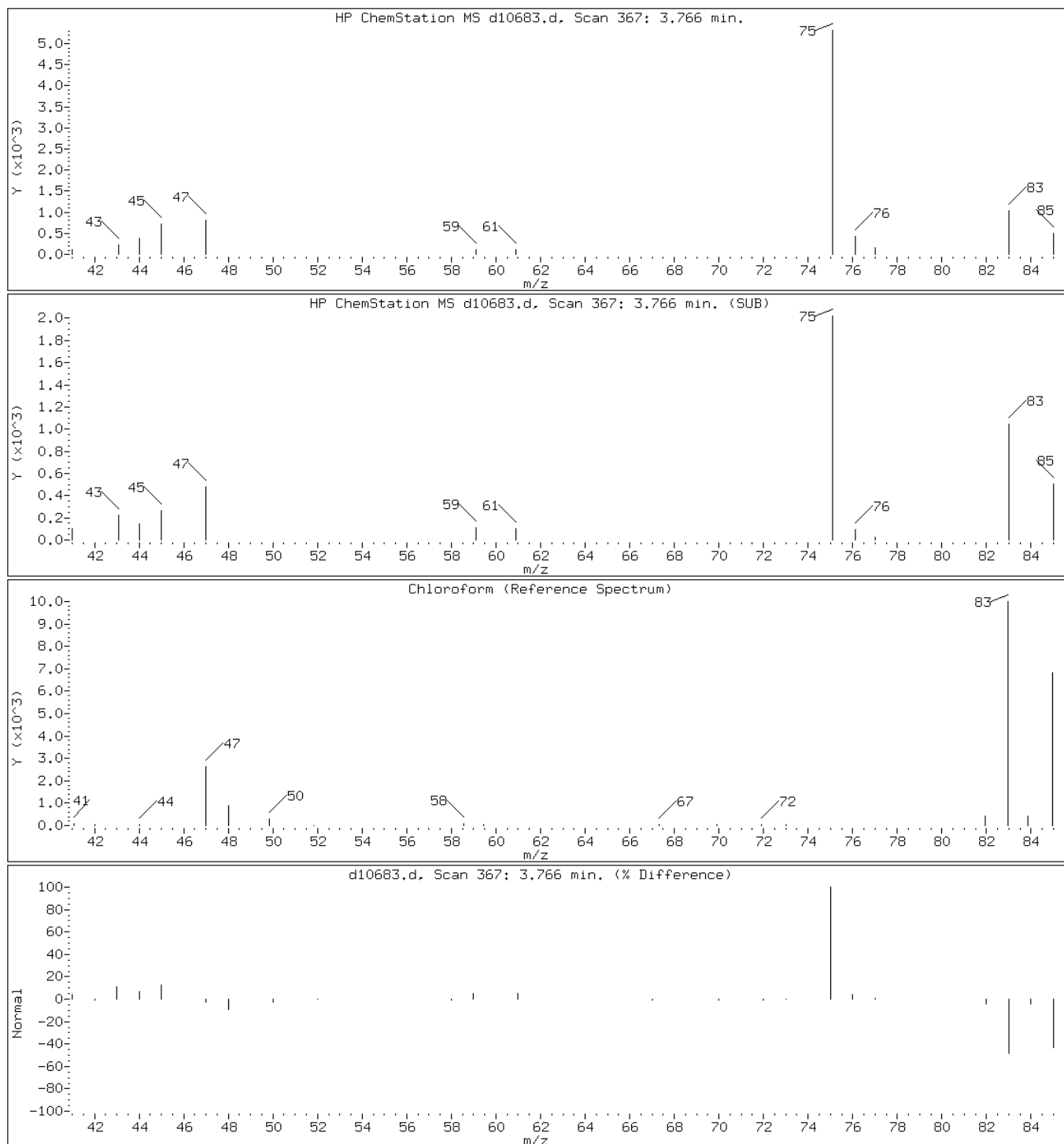
Client ID: SP-2-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-8-B;;;5.66;5

Operator: VOAMS 9

15 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-1-SOLID Lab Sample ID: 460-28327-9

Matrix: Solid Lab File ID: d10684.d

Analysis Method: 8260B Date Collected: 06/30/2011 13:15

Sample wt/vol: 5.11(g) Date Analyzed: 07/05/2011 15:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: 28.2 Level: (low/med) Low

Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.4	U	1.4	0.86
74-83-9	Bromomethane	1.4	U	1.4	0.56
75-01-4	Vinyl chloride	1.4	U	1.4	0.32
75-00-3	Chloroethane	1.4	U	1.4	0.54
75-09-2	Methylene Chloride	1.4	U	1.4	0.64
67-64-1	Acetone	12	J	14	5.0
75-15-0	Carbon disulfide	1.4	U	1.4	0.63
75-35-4	1,1-Dichloroethene	1.4	U	1.4	0.50
75-34-3	1,1-Dichloroethane	1.4	U	1.4	0.34
156-60-5	trans-1,2-Dichloroethene	1.4	U	1.4	0.39
156-59-2	cis-1,2-Dichloroethene	1.4	U	1.4	0.32
67-66-3	Chloroform	1.4	U	1.4	0.32
107-06-2	1,2-Dichloroethane	1.4	U	1.4	0.53
78-93-3	2-Butanone	14	U *	14	0.78
71-55-6	1,1,1-Trichloroethane	1.4	U	1.4	0.25
56-23-5	Carbon tetrachloride	1.4	U	1.4	0.14
75-27-4	Bromodichloromethane	1.4	U	1.4	0.41
78-87-5	1,2-Dichloropropane	1.4	U	1.4	0.43
10061-01-5	cis-1,3-Dichloropropene	1.4	U	1.4	0.27
79-01-6	Trichloroethene	1.4	U	1.4	0.49
124-48-1	Dibromochloromethane	1.4	U	1.4	0.76
79-00-5	1,1,2-Trichloroethane	1.4	U	1.4	0.81
71-43-2	Benzene	1.4	U	1.4	1.0
10061-02-6	trans-1,3-Dichloropropene	1.4	U	1.4	0.30
75-25-2	Bromoform	1.4	U	1.4	0.96
108-10-1	4-Methyl-2-pentanone	14	U	14	0.97
591-78-6	2-Hexanone	14	U	14	2.3
127-18-4	Tetrachloroethene	1.4	U	1.4	0.45
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.0
108-88-3	Toluene	1.4	U	1.4	0.41
108-90-7	Chlorobenzene	1.4	U	1.4	0.66
100-41-4	Ethylbenzene	1.4	U	1.4	0.26
100-42-5	Styrene	1.4	U	1.4	0.47
1330-20-7	Xylenes, Total	4.1	U	4.1	1.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-1-SOLID Lab Sample ID: 460-28327-9
Matrix: Solid Lab File ID: d10684.d
Analysis Method: 8260B Date Collected: 06/30/2011 13:15
Sample wt/vol: 5.11(g) Date Analyzed: 07/05/2011 15:59
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: 28.2 Level: (low/med) Low
Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	97		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10684.d
 Report Date: 06-Jul-2011 07:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10684.d
 Lab Smp Id: 460-28327-A-9-B Client Smp ID: SP-1-SOLID
 Inj Date : 05-JUL-2011 15:59
 Operator : VOAMS 9 Inst ID: VOAMS4.i
 Smp Info : 460-28327-A-9-B;;;5.11;5
 Misc Info : 460-28327-A-9-B
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais Quant Type: ISTD
 Cal Date : 16-MAY-2011 16:13 Cal File: d08997.d
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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	5.00000	Volume of final extract (mL)
Ws	5.11000	Weight of sample extracted (g)
M	28.18898	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
7 Acetone		58	2.569	2.562	(0.550)	2262	8.90675	12(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)		65	4.396	4.382	(0.942)	96993	46.7637	64
* 69 Fluorobenzene		96	4.668	4.661	(1.000)	376591	50.0000	
\$ 37 Toluene-d8 (SUR)		98	6.387	6.380	(0.794)	323653	48.9687	67
* 32 Chlorobenzene-d5		117	8.042	8.042	(1.000)	264932	50.0000	
\$ 41 Bromofluorobenzene (SUR)		174	9.116	9.117	(0.912)	124137	48.6152	66
* 91 1,4-Dichlorobenzene-d4		152	9.997	9.990	(1.000)	144245	50.0000	

QC Flag Legend

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

Data File: d10684.d

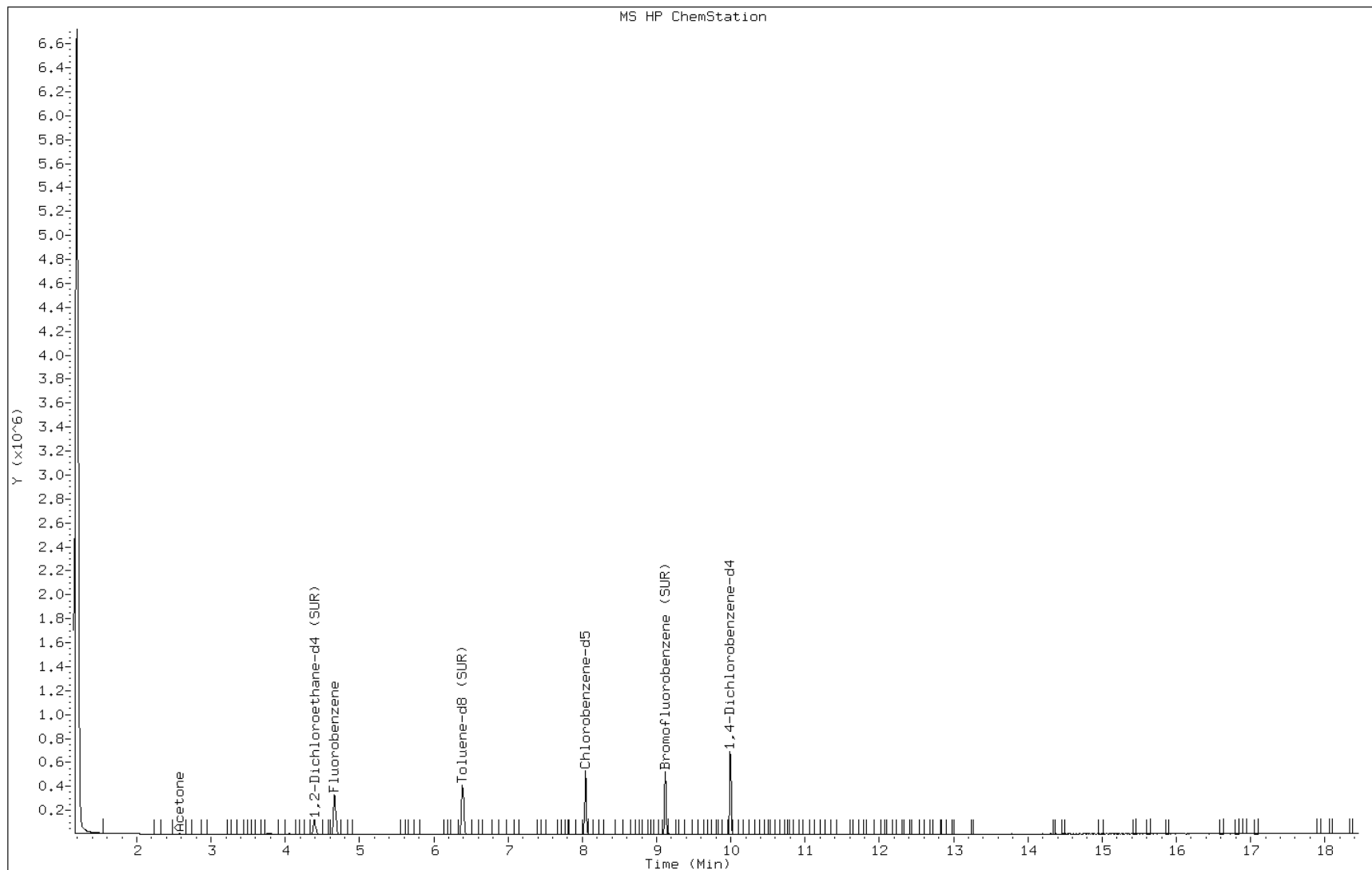
Date: 05-JUL-2011 15:59

Client ID: SP-1-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-9-B;;;5.11;5

Operator: VOAMS 9



Data File: d10684.d

Date: 05-JUL-2011 15:59

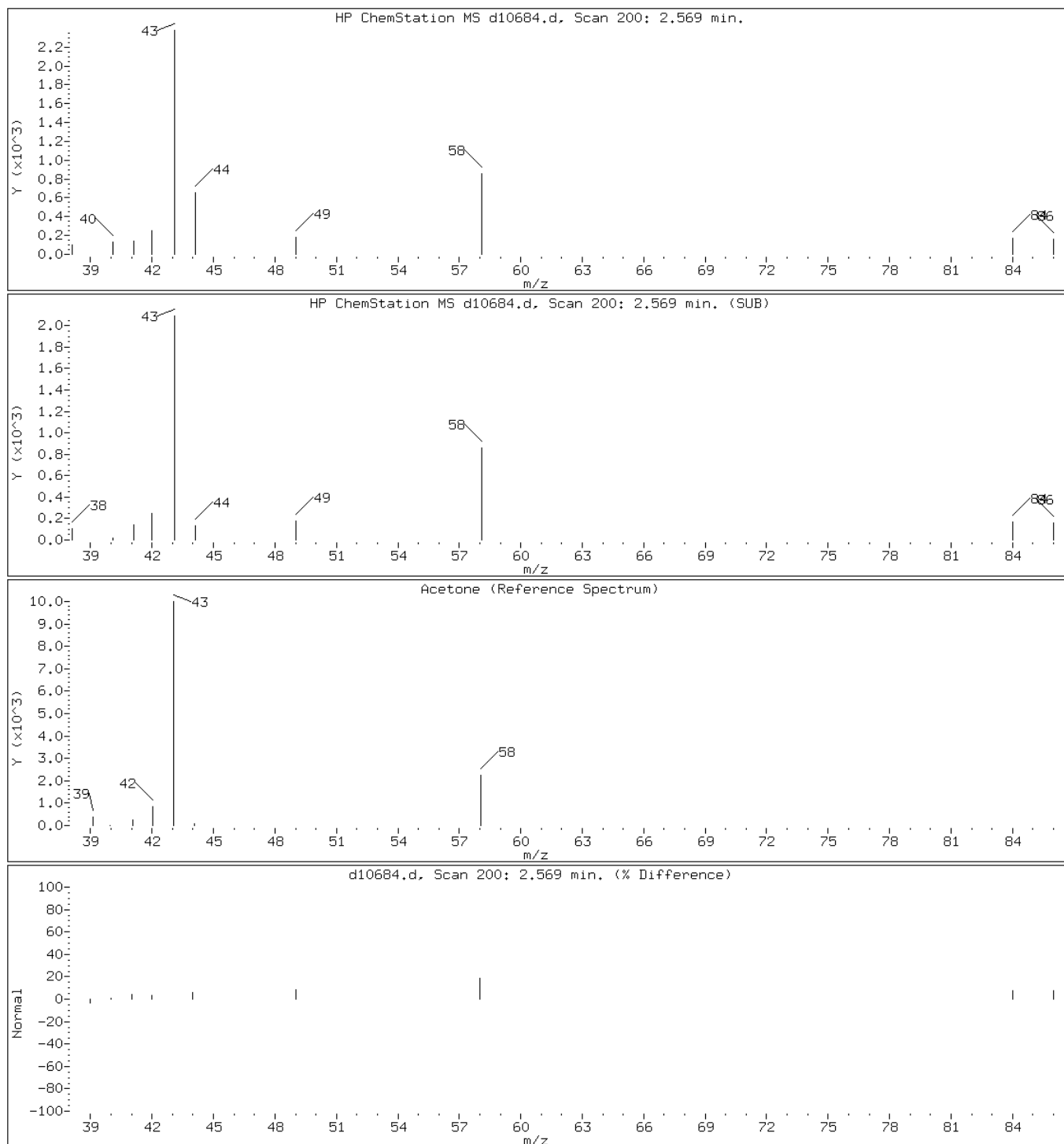
Client ID: SP-1-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-9-B;;;5.11;5

Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: DUPE-SOLID Lab Sample ID: 460-28327-10

Matrix: Solid Lab File ID: d10685.d

Analysis Method: 8260B Date Collected: 06/30/2011 00:00

Sample wt/vol: 5.42(g) Date Analyzed: 07/05/2011 16:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: 13.8 Level: (low/med) Low

Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.1	U	1.1	0.68
74-83-9	Bromomethane	1.1	U	1.1	0.44
75-01-4	Vinyl chloride	1.1	U	1.1	0.25
75-00-3	Chloroethane	1.1	U	1.1	0.43
75-09-2	Methylene Chloride	1.1	U	1.1	0.50
67-64-1	Acetone	11	U	11	4.0
75-15-0	Carbon disulfide	1.1	U	1.1	0.50
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.27
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.30
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.25
67-66-3	Chloroform	0.38	J	1.1	0.25
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.42
78-93-3	2-Butanone	11	U *	11	0.61
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.20
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.11
75-27-4	Bromodichloromethane	1.1	U	1.1	0.33
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.34
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.22
79-01-6	Trichloroethene	4.6		1.1	0.39
124-48-1	Dibromochloromethane	1.1	U	1.1	0.60
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.63
71-43-2	Benzene	1.1	U	1.1	0.79
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.24
75-25-2	Bromoform	1.1	U	1.1	0.75
108-10-1	4-Methyl-2-pentanone	11	U	11	0.77
591-78-6	2-Hexanone	11	U	11	1.8
127-18-4	Tetrachloroethene	1.1	U	1.1	0.35
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.81
108-88-3	Toluene	1.1	U	1.1	0.32
108-90-7	Chlorobenzene	1.1	U	1.1	0.52
100-41-4	Ethylbenzene	1.1	U	1.1	0.20
100-42-5	Styrene	1.1	U	1.1	0.37
1330-20-7	Xylenes, Total	3.2	U	3.2	0.84

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: DUPE-SOLID Lab Sample ID: 460-28327-10
Matrix: Solid Lab File ID: d10685.d
Analysis Method: 8260B Date Collected: 06/30/2011 00:00
Sample wt/vol: 5.42(g) Date Analyzed: 07/05/2011 16:23
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: 13.8 Level: (low/med) Low
Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	94		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10685.d
 Report Date: 06-Jul-2011 07:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10685.d
 Lab Smp Id: 460-28327-A-10-B Client Smp ID: DUPE-SOLID
 Inj Date : 05-JUL-2011 16:23
 Operator : VOAMS 9 Inst ID: VOAMS4.i
 Smp Info : 460-28327-A-10-B;;;5.42;5
 Misc Info : 460-28327-A-10-B
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais Quant Type: ISTD
 Cal Date : 16-MAY-2011 16:13 Cal File: d08997.d
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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	5.00000	Volume of final extract (mL)
Ws	5.42000	Weight of sample extracted (g)
M	13.82637	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/L)	FINAL (ug/Kg)
15 Chloroform	83	3.759	3.759	(0.806)	1410	0.35888	0.38(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.382	4.382	(0.940)	83840	47.3916	51
* 69 Fluorobenzene	96	4.661	4.661	(1.000)	321210	50.0000	
25 Trichloroethene	95	4.826	4.819	(1.035)	9887	4.34313	4.6
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	276346	48.8340	52
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	226832	50.0000	
\$ 41 Bromofluorobenzene (SUR)	174	9.117	9.117	(0.912)	106435	47.0817	50
* 91 1,4-Dichlorobenzene-d4	152	9.998	9.990	(1.000)	127704	50.0000	

QC Flag Legend

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

Data File: d10685.d

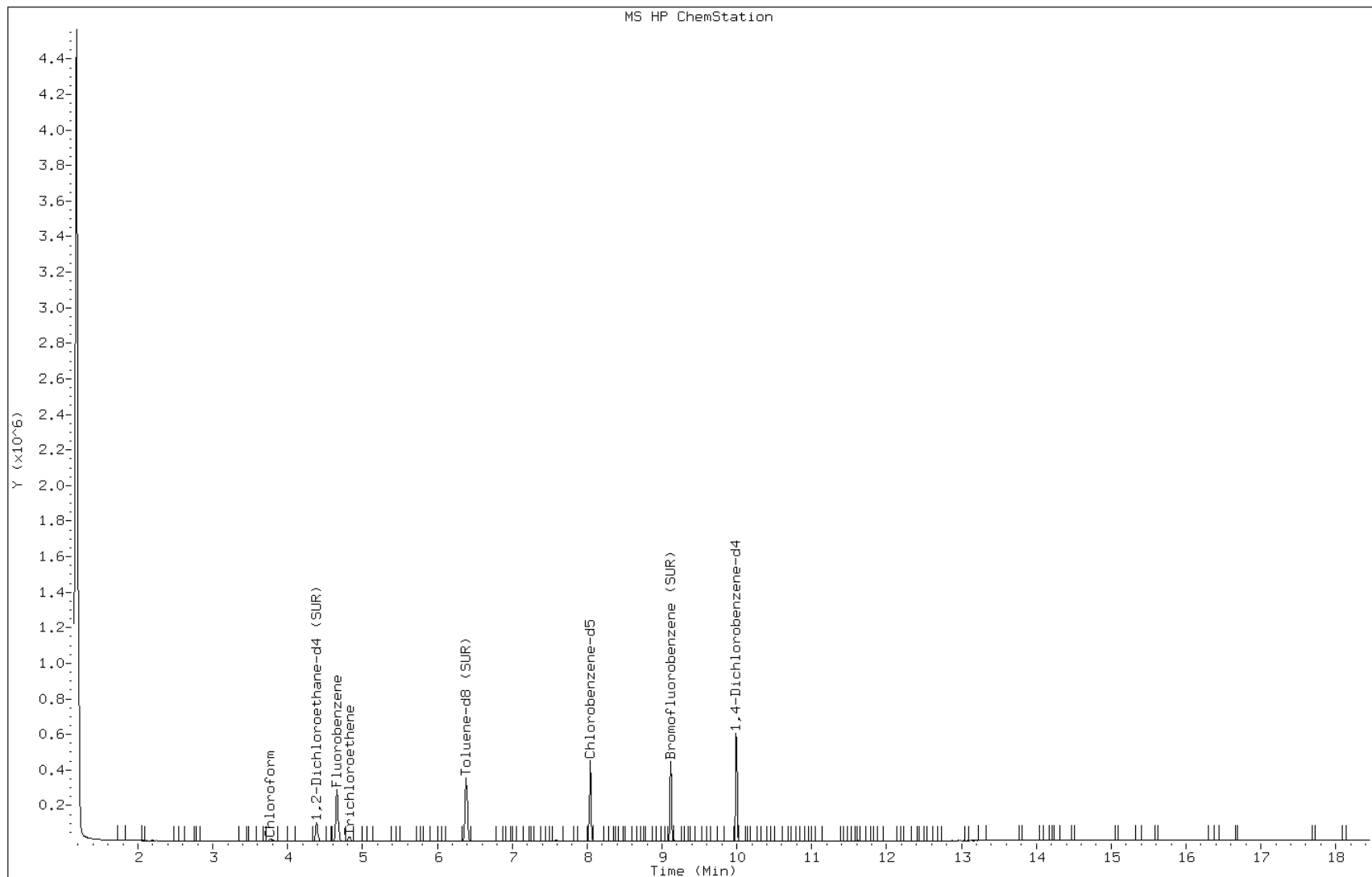
Date: 05-JUL-2011 16:23

Client ID: DUPE-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-10-B;;;5.42;5

Operator: VOAMS 9



Data File: d10685.d

Date: 05-JUL-2011 16:23

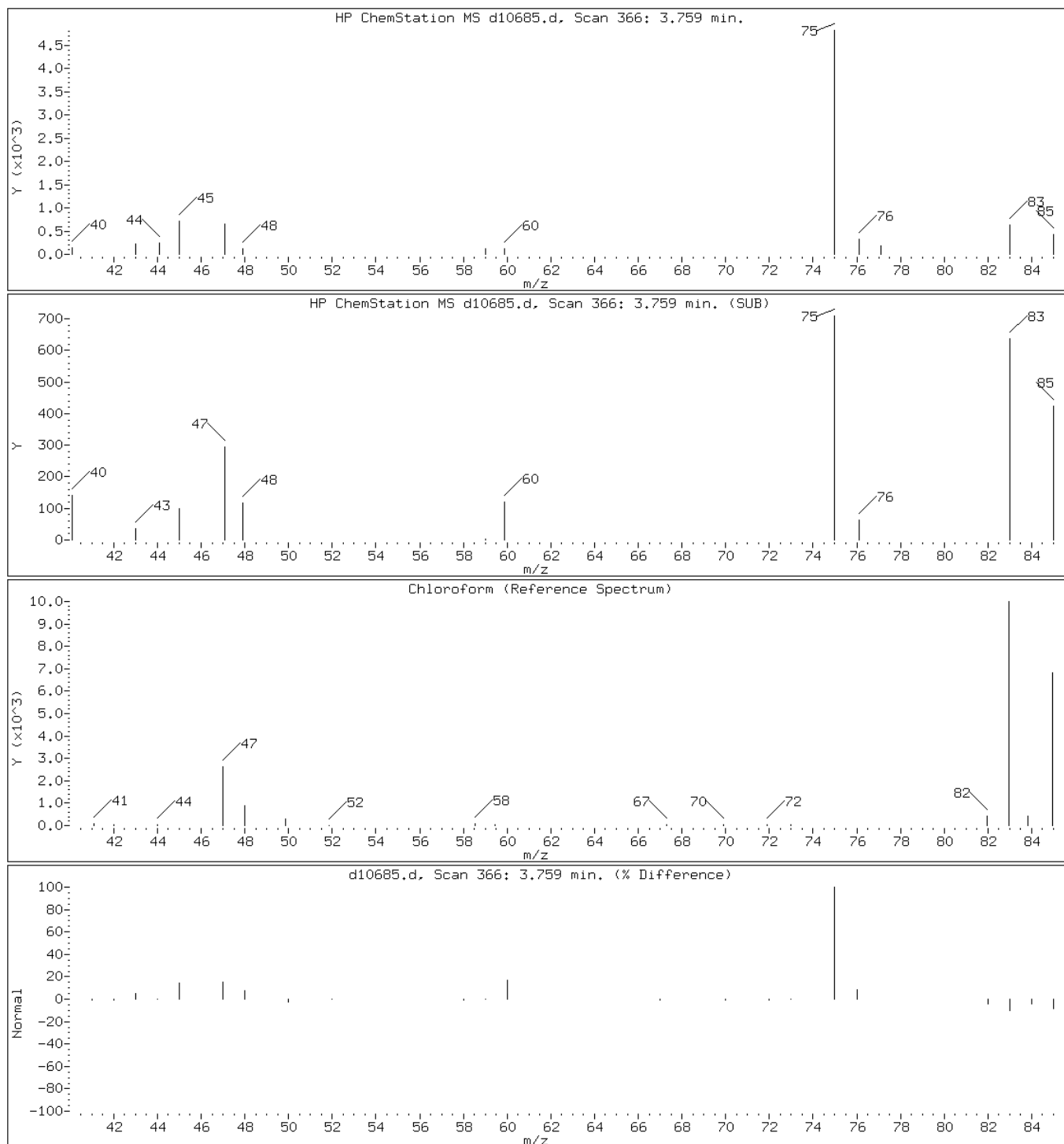
Client ID: DUPE-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-10-B;;;5.42;5

Operator: VOAMS 9

15 Chloroform



Data File: d10685.d

Date: 05-JUL-2011 16:23

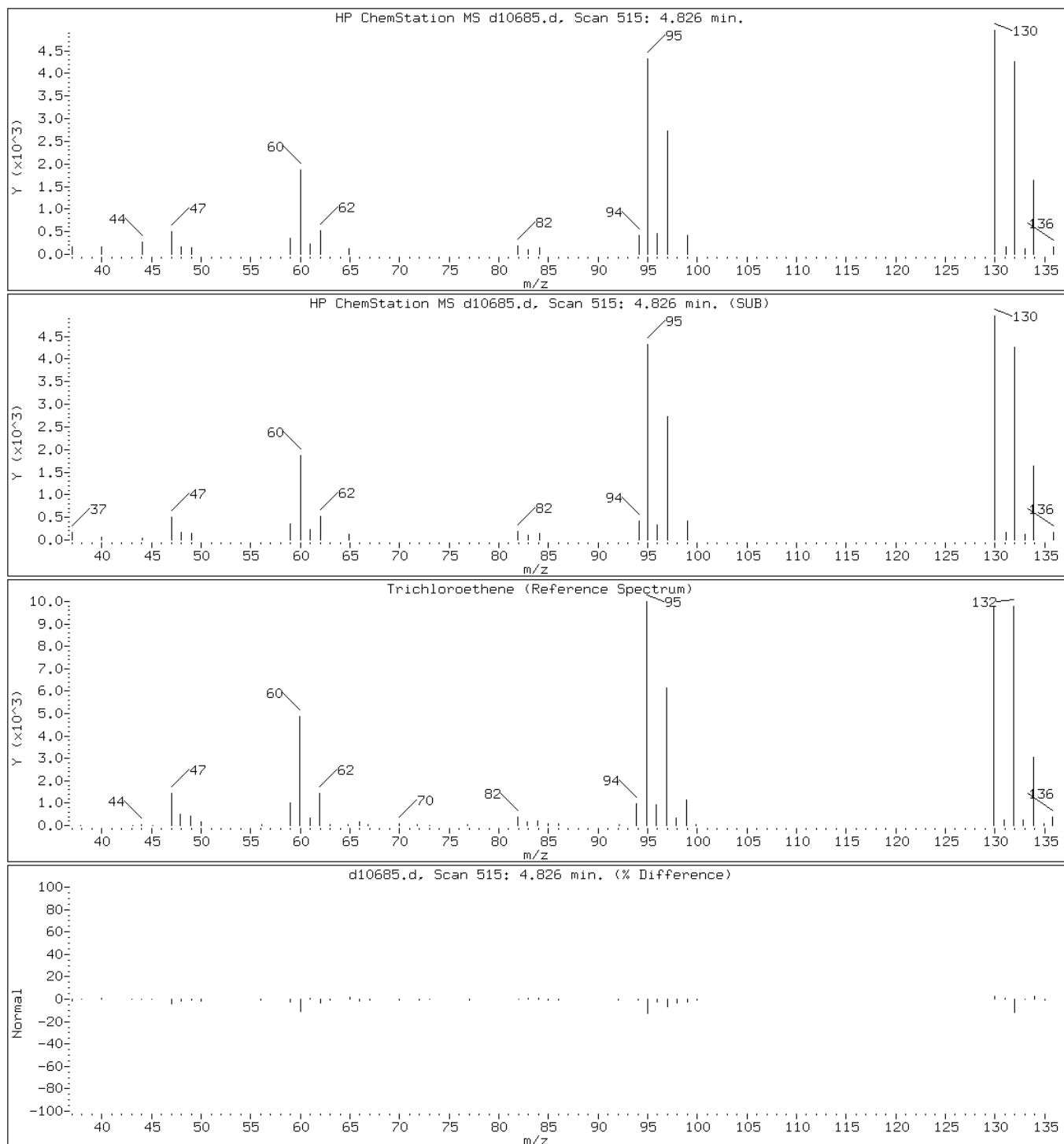
Client ID: DUPE-SOLID

Instrument: VOAMS4.i

Sample Info: 460-28327-A-10-B;;;5.42;5

Operator: VOAMS 9

25 Trichloroethene



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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-74374/2	a63940.d
Level 2	IC 460-74374/3	a63941.d
Level 3	ICIS 460-74374/4	a63942.d
Level 4	IC 460-74374/5	a63943.d
Level 5	IC 460-74374/6	a63944.d
Level 6	IC 460-74374/7	a63945.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	0.3870 0.3167	0.2841	0.3381	0.3289	0.3693	Ave		0.3373				10.9		15.0			
Chloromethane	0.5046 0.4667	0.4535	0.5045	0.5001	0.5271	Ave		0.4928			0.1000	5.5		15.0			
Vinyl chloride	0.4551 0.4526	0.4380	0.4780	0.4846	0.5185	Ave		0.4711				6.1		30.0			
Bromomethane	0.2870 0.2533	0.2661	0.2705	0.2737	0.2862	Ave		0.2728				4.7		15.0			
Chloroethane	0.2661 0.2623	0.2517	0.2812	0.2804	0.2928	Ave		0.2724				5.5		15.0			
n-Pentane	0.0488 0.0504	0.0549	0.0647	0.0556	0.0579	Ave		0.0554				10.3		15.0			
Trichlorofluoromethane	0.4597 0.4573	0.4458	0.4780	0.4812	0.5183	Ave		0.4734				5.4		15.0			
Ethyl ether	0.3152 0.2481	0.2389	0.2965	0.2651	0.2757	Ave		0.2733				10.6		15.0			
Isopropene	0.5192 0.4409	0.4233	0.5272	0.4805	0.4920	Ave		0.4805				8.7		15.0			
Acrolein	0.0941 0.0373	0.0504	0.0523	0.0413	0.0398	LinF		0.0382							0.9955		0.9900
1,1-Dichloroethene	0.2380 0.2567	0.2286	0.2937	0.2761	0.2814	Ave		0.2624				9.8		30.0			
Freon TF	0.2778 0.2743	0.2492	0.3270	0.3009	0.3111	Ave		0.2900				9.7		15.0			
Acetone	0.0774 0.0773	0.0847	0.0993	0.0814	0.0863	Ave		0.0844				9.7		15.0			
Iodomethane	0.4647 0.4422	0.4119	0.5205	0.4760	0.4829	Ave		0.4664				7.9		15.0			
Carbon disulfide	1.0583 1.0175	0.8688	1.1881	1.0901	1.1100	Ave		1.0555				10.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

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								
Isopropanol	0.0180 0.0180	0.0175	0.0193	0.0180	0.0193	Ave		0.0184				4.2		15.0			
Methyl acetate	0.0723 0.0579	0.0573	0.0708	0.0636	0.0641	Ave		0.0643				9.7		15.0			
Acetonitrile	0.0054 0.0059	0.0074	0.0069	0.0065	0.0068	Ave		0.0065				11.2		15.0			
Methylene Chloride	0.5015 0.3012	0.3176	0.3544	0.3282	0.3321	LinF		0.3061							0.9980		0.9900
TBA	0.0347 0.0279	0.0269	0.0320	0.0288	0.0302	Ave		0.0301				9.5		15.0			
MTBE	0.9366 0.8816	0.8269	1.0752	0.9534	0.9787	Ave		0.9421				9.0		15.0			
trans-1,2-Dichloroethene	0.3031 0.2884	0.2652	0.3367	0.3144	0.3118	Ave		0.3033				8.1		15.0			
Acrylonitrile	0.1515 0.1046	0.1264	0.1285	0.1048	0.1108	Ave		0.1211				15.0		15.0			
DIPE	1.1181 1.1479	0.9930	1.3471	1.2221	1.2698	Ave		1.1830				10.5		15.0			
Vinyl acetate	0.6356 0.7098	0.6156	0.7458	0.6996	0.7164	Ave		0.6871				7.3		15.0			
1,1-Dichloroethane	0.4628 0.5498	0.4916	0.6222	0.5911	0.6011	Ave		0.5531			0.1000	11.6		15.0			
Tert-butyl ethyl ether	1.1252 1.0188	0.9969	1.2061	1.0875	1.1275	Ave		1.0937				7.1		15.0			
2,2-Dichloropropane	0.4445 0.3290	0.3130	0.3786	0.3616	0.3636	Ave		0.3651				12.6		15.0			
cis-1,2-Dichloroethene	0.3259 0.3133	0.2771	0.3511	0.3326	0.3407	Ave		0.3235				8.1		15.0			
2-Butanone	0.0278 0.0304	0.0301	0.0351	0.0321	0.0326	Ave		0.0314				8.0		15.0			
Ethyl acetate	0.0228 0.0275	0.0246	0.0318	0.0286	0.0296	Ave		0.0275				12.1		15.0			
Bromochloromethane	0.1565 0.1380	0.1306	0.1558	0.1460	0.1498	Ave		0.1461				7.0		15.0			
Tetrahydrofuran	0.1462 0.0783	0.0929	0.0969	0.0829	0.0849	LinF		0.0793							0.9986		0.9900
Chloroform	0.5040 0.4871	0.4412	0.5442	0.5215	0.5327	Ave		0.5051				7.4		30.0			
Cyclohexane	0.6115 0.6092	0.5042	0.7181	0.6561	0.6827	Ave		0.6303				11.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4594 0.4637	0.4084	0.5097	0.5005	0.5043	Ave		0.4743				8.2		15.0			
Carbon tetrachloride	0.3574 0.3791	0.3216	0.4236	0.3964	0.4081	Ave		0.3810				9.7		15.0			
1,1-Dichloropropene	0.3557 0.4207	0.3531	0.4654	0.4434	0.4582	Ave		0.4161				12.1		15.0			
Benzene	1.5239 1.5878	1.4414	1.8046	1.7250	1.7602	Ave		1.6405				8.8		15.0			
Isopropyl acetate	0.6507 0.7079	0.6445	0.8201	0.7324	0.7722	Ave		0.7213				9.5		15.0			
Tert-amyl methyl ether	0.9361 0.9254	0.8296	1.0281	0.9428	0.9925	Ave		0.9424				7.2		15.0			
1,2-Dichloroethane	0.3625 0.3838	0.3359	0.4219	0.4017	0.4139	Ave		0.3866				8.5		15.0			
Trichloroethene	0.2864 0.3046	0.2698	0.3536	0.3256	0.3390	Ave		0.3132				10.2		15.0			
Methylcyclohexane	0.4840 0.5779	0.4608	0.6595	0.5972	0.6307	Ave		0.5684				14.0		15.0			
Ethyl acrylate	0.7820 0.8238	0.7045	0.9297	0.8519	0.8879	Ave		0.8299				9.6		15.0			
1,2-Dichloropropane	0.2879 0.3205	0.2919	0.3539	0.3395	0.3476	Ave		0.3236				8.8		30.0			
Methyl methacrylate	0.0663 0.0693	0.0646	0.0787	0.0686	0.0725	Ave		0.0700				7.2		15.0			
1,4-Dioxane	0.0031 ++++	0.0027	0.0029	0.0030	0.0038	Ave		0.0031				13.7		15.0			
Dibromomethane	0.1776 0.1619	0.1386	0.1758	0.1668	0.1727	Ave		0.1656				8.7		15.0			
Propyl acetate	0.3819 0.3960	0.3612	0.4357	0.3985	0.4164	Ave		0.3983				6.5		15.0			
Bromodichloromethane	0.3915 0.3812	0.3303	0.4078	0.3892	0.4078	Ave		0.3846				7.5		15.0			
2-Chloroethyl vinyl ether	0.1902 0.1807	0.1630	0.2060	0.1839	0.1926	Ave		0.1861				7.7		15.0			
Epichlorohydrin	0.0363 0.0311	0.0289	0.0366	0.0328	0.0338	Ave		0.0332				8.9		15.0			
cis-1,3-Dichloropropene	0.4962 0.6310	0.5367	0.6716	0.6472	0.6785	Ave		0.6102				12.4		15.0			
4-Methyl-2-pentanone	0.4155 0.3946	0.3791	0.4308	0.3955	0.4207	Ave		0.4060				4.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

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								
Toluene	1.8427 1.6834	1.5700	1.9548	1.8213	1.8382	Ave		1.7851				7.6		30.0			
trans-1,3-Dichloropropene	0.5819 0.5604	0.4708	0.5949	0.5755	0.5982	Ave		0.5636				8.4		15.0			
1,1,2-Trichloroethane	0.2749 0.2735	0.2497	0.3072	0.2836	0.2970	Ave		0.2810				7.2		15.0			
Tetrachloroethene	0.3424 0.3740	0.3198	0.4138	0.3886	0.4011	Ave		0.3733				9.6		15.0			
1,3-Dichloropropane	0.5621 0.5883	0.5558	0.6501	0.6233	0.6379	Ave		0.6029				6.6		15.0			
2-Hexanone	0.2892 0.2605	0.2451	0.2918	0.2647	0.2701	Ave		0.2703				6.6		15.0			
Dibromochloromethane	0.3063 0.3561	0.3058	0.3747	0.3637	0.3759	Ave		0.3471				9.4		15.0			
1,2-Dibromoethane	0.2947 0.3149	0.2805	0.3471	0.3243	0.3384	Ave		0.3166				8.1		15.0			
Chlorobenzene	0.9474 1.0640	0.9215	1.1816	1.1168	1.1360	Ave		1.0612			0.3000	9.9		15.0			
Ethylbenzene	0.5377 0.6331	0.5102	0.6654	0.6366	0.6488	Ave		0.6053				10.7		30.0			
1,1,1,2-Tetrachloroethane	0.3590 0.3956	0.3331	0.4177	0.3975	0.4135	Ave		0.3861				8.6		15.0			
m&p-Xylene	0.6698 0.7806	0.6634	0.8399	0.7925	0.8147	Ave		0.7601				9.9		15.0			
o-Xylene	0.6672 0.8095	0.6580	0.8420	0.8043	0.8241	Ave		0.7675				10.7		15.0			
Styrene	1.1046 1.3349	1.1411	1.4338	1.3439	1.3822	Ave		1.2901				10.4		15.0			
Bromoform	0.1749 0.2212	0.1664	0.2190	0.2085	0.2239	Ave		0.2023			0.1000	12.5		15.0			
Isopropylbenzene	1.5140 1.8776	1.5119	2.0102	1.8959	1.9639	Ave		1.7956				12.5		15.0			
Camphene, Total	1.6296 0.7338	0.7588	0.8108	0.7335	0.7606	LinF		0.7377							0.9997		0.9900
Monobromobenzene	0.7550 0.8015	0.7615	0.9423	0.9042	0.9070	Ave		0.8452				9.7		15.0			
1,1,2,2-Tetrachloroethane	0.6892 0.7115	0.6313	0.7326	0.7580	0.7471	Ave		0.7116			0.3000	6.5		15.0			
N-Propylbenzene	4.0407 3.9495	3.8511	5.0800	4.8641	4.9112	Ave		4.4494				12.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.2445 0.2148	0.2043	0.2515	0.2330	0.2376	Ave		0.2309				7.8		15.0			
2-Chlorotoluene	2.4307 2.5652	2.2825	3.0143	2.8877	2.8977	Ave		2.6797				11.0		15.0			
1,3,5-Trimethylbenzene	2.8315 3.1467	2.7384	3.5531	3.4085	3.5203	Ave		3.1997				11.0		15.0			
4-Chlorotoluene	2.4560 2.6883	2.4708	3.1470	2.9913	3.0301	Ave		2.7973				10.7		15.0			
Butyl Methacrylate	1.1863 1.2254	1.1073	1.4037	1.2696	1.3211	Ave		1.2522				8.3		15.0			
tert-Butylbenzene	2.2623 2.7079	2.2120	2.9647	2.8931	3.0635	Ave		2.6839				13.6		15.0			
1,2,4-Trimethylbenzene	2.8848 3.1620	2.8185	3.6793	3.4732	3.5930	Ave		3.2685				11.3		15.0			
sec-Butylbenzene	3.4776 3.7065	3.5393	4.7075	4.4942	4.7128	Ave		4.1063				14.4		15.0			
p-Isopropyltoluene	2.8376 3.3926	2.9670	3.9167	3.7515	3.9691	Ave		3.4724				14.0		15.0			
1,3-Dichlorobenzene	1.4804 1.7540	1.4811	1.9097	1.8119	1.8934	Ave		1.7217				11.3		15.0			
1,4-Dichlorobenzene	1.5431 1.7223	1.5655	1.9539	1.7976	1.8532	Ave		1.7393				9.3		15.0			
n-Butylbenzene	2.9408 3.1963	2.9654	3.8777	3.6467	3.7830	Ave		3.4016				12.3		15.0			
1,2-Dichlorobenzene	1.5077 1.6611	1.4892	1.8395	1.7601	1.8002	Ave		1.6763				9.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1773 0.1484	0.1322	0.1578	0.1597	0.1626	Ave		0.1563				9.7		15.0			
1,2,4-Trichlorobenzene	1.0931 1.0883	1.0181	1.3108	1.2662	1.3115	Ave		1.1813				11.0		15.0			
Hexachlorobutadiene	0.4822 0.5423	0.4925	0.6664	0.6374	0.6788	QuaF		1.1782	0.1220						0.9995		0.9900
Naphthalene	2.5170 2.1793	2.0536	2.5511	2.5452	2.5984	Ave		2.4075				9.6		15.0			
1,2,3-Trichlorobenzene	0.8646 0.8039	0.7685	0.9549	0.9656	0.9833	Ave		0.8901				10.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2692 0.2797	0.2769	0.2752	0.2752	0.2810	Ave		0.2762				1.5		15.0			
Toluene-d8 (Surr)	1.2195 1.2116	1.2219	1.2221	1.2200	1.2173	Ave		1.2187				0.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

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								
Bromofluorobenzene	0.7386 0.6935	0.7461	0.7347	0.7432	0.7318	Ave		0.7313				2.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-74374/2	a63940.d
Level 2	IC 460-74374/3	a63941.d
Level 3	ICIS 460-74374/4	a63942.d
Level 4	IC 460-74374/5	a63943.d
Level 5	IC 460-74374/6	a63944.d
Level 6	IC 460-74374/7	a63945.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4627 2040873	17447	73461	194882	835941	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6033 3008045	27846	109622	296317	1193177	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5441 2916616	26896	103863	287151	1173640	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3431 1632310	16341	58778	162147	647862	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3181 1690391	15453	61108	166134	662723	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	583 324600	3370	14059	32969	131060	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	5496 2946949	27377	103866	285149	1173326	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3769 1598685	14668	64424	157105	624104	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	6208 2841342	25994	114556	284699	1113759	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	4501 192459	12390	22723	48891	90108	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	2845 1654665	14036	63813	163599	636868	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	3321 1767549	15301	71063	178286	704189	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	9249 497989	15607	21583	48256	195407	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	5556 2849914	25291	113105	282064	1092990	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	12653 6557843	53351	258160	645936	2512639	1.00 500	5.00	20.0	50.0	200
Isopropanol	FB	Ave	215624 1392939	429277	630442	852143	1092616	1000 6000	2000	3000	4000	5000

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

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
Methyl acetate	FB	Ave	864 373433	3521	15378	37675	144984	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	1283 761176	9038	29953	76833	309463	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	LinF	5996 1941159	19501	77018	194452	751777	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	8288 3602344	33054	139166	341047	1368757	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	11198 5681708	50776	233626	564902	2215409	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3624 1858603	16287	73167	186275	705696	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3622 269753	15519	27914	62111	125427	2.00 200	10.0	20.0	50.0	100
DIPE	FB	Ave	13368 7398341	60977	292727	724150	2874240	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	7599 4574242	37799	162058	414507	1621657	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5533 3543155	30188	135191	350224	1360578	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	13453 6565791	61217	262080	644380	2552256	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	5314 2120389	19221	82278	214273	823012	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3896 2019374	17018	76296	197068	771119	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	3327 196186	5547	7634	19033	73877	10.0 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	545 354851	3019	13840	33888	134231	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1871 889402	8019	33863	86510	339064	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	1748 504403	5704	21062	49104	192178	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6026 3139408	27095	118250	309008	1205906	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	7311 3926143	30959	156047	388748	1545339	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5492 2988497	25077	110766	296562	1141565	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4273 2443434	19749	92042	234853	923702	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.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloropropene	FB	Ave	4253 2711255	21682	101135	262724	1037256	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	13265 7554288	64500	283653	741256	2908130	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	15559 9124159	79150	356410	867889	3495780	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	11192 5963749	50941	223399	558636	2246587	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4334 2473270	20623	91677	238034	937001	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3424 1963330	16567	76832	192952	767300	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5786 3724705	28298	143317	353843	1427657	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	9349 5309262	43259	202013	504758	2009859	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3442 2065538	17927	76908	201173	786889	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	793 446457	3965	17106	40663	164058	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1837 ++++	3276	4763	7121	10749	50.0 ++++	100	150	200	250
Dibromomethane	FB	Ave	2123 1043279	8512	38197	98838	390814	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	9131 5104625	44363	189335	472259	1885251	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	4681 2457042	20281	88622	230603	923132	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2274 1164411	10008	44763	108983	436037	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	6313 2962031	25852	114945	282297	1117157	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4319 3001944	24019	105570	278108	1121009	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	36165 1877434	50895	67710	169971	695140	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	16040 8008754	70255	307272	782639	3037090	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5065 2666225	21070	93509	247305	988294	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2393 1300988	11173	48291	121868	490759	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.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

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
Tetrachloroethene	CBZ	Ave	2980 1779491	14312	65038	167006	662651	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4893 2799026	24870	102181	267852	1053926	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	25177 1239297	32910	45873	113760	446296	10.0 500	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2666 1694263	13684	58893	156300	621128	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2565 1497935	12551	54560	139371	559029	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	8247 5062240	41235	185727	479903	1876844	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	4680 3011853	22833	104591	273579	1071942	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3125 1881948	14904	65661	170800	683216	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	11660 7427204	59374	264051	681126	2692051	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	5808 3851393	29445	132351	345616	1361495	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	9615 6351049	51064	225370	577489	2283729	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1522 1052445	7445	34430	89582	369993	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	13179 8932673	67658	315980	814706	3244731	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	LinF	14185 3491329	33954	127452	315222	1256683	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	3453 2232644	18050	78004	201447	784762	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3152 1981926	14965	60648	168884	646418	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	18479 11001168	91288	420540	1083717	4249258	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1118 598349	4843	20820	51902	205605	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	11116 7145180	54106	249531	643380	2507151	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	12949 8765134	64911	294137	759405	3045792	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	11232 7488266	58570	260517	666466	2621683	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.: 460-28327-1 Analy Batch No.: 74374

SDG No.: _____

Instrument ID: VOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2011 03:20 Calibration End Date: 05/21/2011 04:58 Calibration ID: 10998

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
Butyl Methacrylate	DCB	Ave	5425 3413183	26247	116205	282869	1143049	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	10346 7542857	52434	245426	644574	2650592	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13193 8807550	66810	304584	773839	3108751	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	15904 10324397	83896	389705	1001309	4077631	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	12977 9450016	70332	324238	835838	3434170	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	6770 4885731	35109	158094	403682	1638185	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	7057 4797345	37109	161748	400504	1603423	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	13449 8903245	70292	321011	812494	3273086	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6895 4627059	35301	152284	392160	1557531	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	811 413451	3133	13060	35589	140645	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	4999 3031312	24133	108513	282104	1134728	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	QuaF	2205 1510623	11674	55168	142006	587334	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	11511 6070358	48680	211193	567067	2248222	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3954 2239129	18217	79047	215146	850756	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	160914 180262	170030	149521	163061	158994	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	530760 576446	546797	480241	524265	502823	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	168880 193186	176865	152048	165592	158291	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/VOAMS1.i/8260_09/05-21-11/21may11.b/a63940.d
 Report Date: 25-May-2011 16:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63940.d
 Lab Smp Id: IC-VM6CAL1
 Inj Date : 21-MAY-2011 03:20
 Operator : VOA GC/MS1
 Smp Info : IC-VM6CAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/8260_09.m
 Meth Date : 25-May-2011 16:03 vibha
 Cal Date : 21-MAY-2011 03:20
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File: a63940.d
 Calibration Sample, Level: 1
 Compound Sublist: all.sub

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	1.151	1.151	(0.261)	4627	1.00000	1.1
3 Chloromethane	50	1.261	1.261	(0.285)	6033	1.00000	1.0
4 Vinyl Chloride	62	1.340	1.340	(0.303)	5441	1.00000	0.96(a)
6 Bromomethane	94	1.554	1.554	(0.352)	3431	1.00000	1.0
5 Chloroethane	64	1.608	1.608	(0.364)	3181	1.00000	0.98(a)
7 Trichlorofluoromethane	101	1.797	1.797	(0.407)	5496	1.00000	0.97(a)
8 n-Pentane	72	1.791	1.791	(0.405)	583	1.00000	0.88(a)
10 Isoprene	67	1.993	1.993	(0.451)	6208	1.00000	1.1
11 Ethyl Ether	59	1.956	1.956	(0.443)	3769	1.00000	1.2
13 Acrolein	56	2.127	2.127	(0.481)	4501	4.00000	9.8
15 1,1-Dichloroethene	96	2.157	2.157	(0.488)	2845	1.00000	0.91(a)
14 Freon TF	101	2.163	2.163	(0.490)	3321	1.00000	0.96(a)
16 Acetone	43	2.249	2.249	(0.509)	9249	10.0000	9.2(a)
17 Iodomethane	142	2.310	2.310	(0.523)	5556	1.00000	1.00
18 Carbon Disulfide	76	2.334	2.334	(0.528)	12653	1.00000	1.0
19 Isopropanol	45	2.352	2.352	(0.532)	215624	1000.00	980(a)

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63940.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.547	2.547	(0.576)	1283	20.0000	16(a)
27 Methyl Acetate	74	2.480	2.480	(0.561)	864	1.00000	1.1
22 Methylene Chloride	84	2.596	2.596	(0.587)	5996	1.00000	1.6
24 TBA	59	2.675	2.675	(0.605)	8288	20.0000	23
25 trans-1,2-Dichloroethene	96	2.767	2.767	(0.626)	3624	1.00000	1.00
26 Acrylonitrile	53	2.828	2.828	(0.640)	3622	2.00000	2.5
28 MTBE	73	2.761	2.761	(0.625)	11198	1.00000	0.99(a)
30 1,1-Dichloroethane	63	3.126	3.126	(0.708)	5533	1.00000	0.84(a)
31 Vinyl Acetate	43	3.114	3.114	(0.705)	7599	1.00000	0.92(a)
32 DIPE	45	3.114	3.114	(0.705)	13368	1.00000	0.94(a)
34 n-Propanol	60	3.224	3.224	(0.730)	12662	1000.00	1100
35 t-Butyl-ethyl-ether	59	3.401	3.401	(0.770)	13453	1.00000	1.0
37 2,2-Dichloropropane	77	3.559	3.559	(0.805)	5314	1.00000	1.2
36 cis-1,2-Dichloroethene	96	3.584	3.584	(0.811)	3896	1.00000	1.0
38 2-Butanone	72	3.602	3.602	(0.815)	3327	10.0000	8.9(a)
39 Ethyl Acetate	70	3.614	3.614	(0.818)	545	2.00000	1.6(a)
40 Bromochloromethane	128	3.767	3.767	(0.852)	1871	1.00000	1.1
41 Tetrahydrofuran	42	3.767	3.767	(0.852)	1748	1.00000	1.8
42 Chloroform	83	3.815	3.815	(0.863)	6026	1.00000	1.00
43 1,1,1-Trichloroethane	97	3.919	3.919	(0.887)	5492	1.00000	0.97(a)
44 Cyclohexane	56	3.919	3.919	(0.887)	7311	1.00000	0.97(a)
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	4273	1.00000	0.94(a)
46 1,1-Dichloropropene	75	4.047	4.047	(0.916)	4253	1.00000	0.85(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.212	(0.953)	160914	50.0000	49
48 Benzene	78	4.193	4.193	(0.602)	13265	1.00000	0.93(a)
49 1,2-Dichloroethane	62	4.266	4.266	(0.966)	4334	1.00000	0.94(a)
50 t-Amyl-methyl-ether	73	4.260	4.260	(0.964)	11192	1.00000	0.99(a)
61 Isopropyl Acetate	43	4.260	4.260	(0.964)	15559	2.00000	1.8(a)
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	597787	50.0000	
54 Trichloroethene	95	4.681	4.681	(1.059)	3424	1.00000	0.91(a)
56 Methyl cyclohexane	83	4.772	4.772	(1.080)	5786	1.00000	0.85(a)
55 Ethyl Acrylate	55	4.779	4.779	(1.081)	9349	1.00000	0.94(a)
57 1,2-Dichloropropane	63	4.882	4.882	(1.105)	3442	1.00000	0.89(a)
58 Dibromomethane	93	4.974	4.974	(1.126)	2123	1.00000	1.1
60 1,4-Dioxane	88	4.980	4.980	(1.127)	1837	50.0000	50
59 Methyl Methacrylate	100	4.955	4.955	(1.121)	793	1.00000	0.95(a)
75 Propyl Acetate	43	4.992	4.992	(1.130)	9131	2.00000	1.9(a)
68 Bromodichloromethane	83	5.089	5.089	(1.152)	4681	1.00000	1.0
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	2274	1.00000	1.0
63 Epichlorohydrin	57	5.394	5.394	(0.775)	6313	20.0000	22
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	4319	1.00000	0.81(a)
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	36165	10.0000	10
\$ 65 Toluene-d8 (SUR)	98	5.595	5.595	(0.804)	530760	50.0000	50
66 Toluene	91	5.656	5.656	(0.813)	16040	1.00000	1.0
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	5065	1.00000	1.0
69 1,1,2-Trichloroethane	83	6.089	6.089	(0.875)	2393	1.00000	0.98(a)
71 Tetrachloroethene	166	6.126	6.126	(0.880)	2980	1.00000	0.92(a)

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63940.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	4893	1.00000	0.93(a)
73 2-Hexanone	43	6.321	6.321	(0.908)	25177	10.0000	11
74 Dibromochloromethane	129	6.455	6.455	(0.927)	2666	1.00000	0.88(a)
77 1,2-Dibromoethane	107	6.571	6.571	(0.944)	2565	1.00000	0.93(a)
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	435226	50.0000	
79 Chlorobenzene	112	6.985	6.985	(1.004)	8247	1.00000	0.89(a)
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	3125	1.00000	0.93(a)
81 Ethylbenzene	106	7.046	7.046	(1.012)	4680	1.00000	0.89(a)
82 m+p-Xylene	106	7.144	7.144	(1.026)	11660	2.00000	1.8
84 o-Xylene	106	7.437	7.437	(1.068)	5808	1.00000	0.87(a)
85 Styrene	104	7.461	7.461	(1.072)	9615	1.00000	0.86(a)
86 Bromoform	173	7.601	7.601	(1.092)	1522	1.00000	0.86(a)
88 Isopropylbenzene	105	7.680	7.680	(1.103)	13179	1.00000	0.84(a)
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.921)	168880	50.0000	50
90 Camphene (total)	93	7.815	7.815	(1.123)	14185	1.00000	2.2
91 Bromobenzene	156	7.900	7.900	(0.931)	3453	1.00000	0.89(a)
92 1,1,2,2-Tetrachloroethane	83	7.924	7.924	(0.934)	3152	1.00000	0.97(a)
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.937)	1118	1.00000	1.0
95 n-Propylbenzene	91	7.943	7.943	(0.936)	18479	1.00000	0.91(a)
96 2-Chlorotoluene	91	8.010	8.010	(0.944)	11116	1.00000	0.91(a)
97 1,3,5-Trimethylbenzene	105	8.052	8.052	(0.949)	12949	1.00000	0.88(a)
98 4-Chlorotoluene	91	8.083	8.083	(0.953)	11232	1.00000	0.88(a)
99 Butyl Methacrylate	87	8.113	8.113	(0.956)	5425	1.00000	0.95(a)
100 tert-Butylbenzene	119	8.235	8.235	(0.971)	10346	1.00000	0.84(a)
101 1,2,4-Trimethylbenzene	105	8.272	8.272	(0.975)	13193	1.00000	0.88(a)
103 sec-Butylbenzene	105	8.357	8.357	(0.985)	15904	1.00000	0.85(a)
105 1,3-Dichlorobenzene	146	8.442	8.442	(0.995)	6770	1.00000	0.86(a)
107 p-Isopropyltoluene	119	8.436	8.436	(0.994)	12977	1.00000	0.82(a)
* 108 1,4-Dichlorobenzene-d4	152	8.485	8.485	(1.000)	228661	50.0000	
109 1,4-Dichlorobenzene	146	8.497	8.497	(1.001)	7057	1.00000	0.89(a)
106 n-Butylbenzene	91	8.656	8.656	(1.020)	13449	1.00000	0.86(a)
111 1,2-Dichlorobenzene	146	8.699	8.699	(1.025)	6895	1.00000	0.90(a)
112 1,2-Dibromo-3-chloropropane	75	9.107	9.107	(1.073)	811	1.00000	1.1
114 1,2,4-Trichlorobenzene	180	9.552	9.552	(1.126)	4999	1.00000	0.92(a)
115 Hexachlorobutadiene	225	9.613	9.613	(1.133)	2205	1.00000	0.57(a)
116 Naphthalene	128	9.717	9.717	(1.145)	11511	1.00000	1.0
117 1,2,3-Trichlorobenzene	180	9.875	9.875	(1.164)	3954	1.00000	0.97(a)
M 120 1,2-Dichloroethene (Total)	100				7520	2.00000	2.0
M 121 Xylene (Total)	100				17468	3.00000	2.6(a)

QC Flag Legend

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

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63941.d
 Report Date: 25-May-2011 16:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63941.d
 Lab Smp Id: IC-VM6CAL2
 Inj Date : 21-MAY-2011 03:39
 Operator : VOA GC/MS1
 Smp Info : IC-VM6CAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/8260_09.m
 Meth Date : 25-May-2011 16:03 vibha
 Cal Date : 21-MAY-2011 03:39
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File: a63941.d
 Calibration Sample, Level: 2
 Compound Sublist: all.sub

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	1.151	1.151	(0.261)	17447	5.00000	4.2
3 Chloromethane	50	1.267	1.267	(0.287)	27846	5.00000	4.6
4 Vinyl Chloride	62	1.346	1.346	(0.305)	26896	5.00000	4.6
6 Bromomethane	94	1.560	1.560	(0.353)	16341	5.00000	4.9
5 Chloroethane	64	1.609	1.609	(0.364)	15453	5.00000	4.6
7 Trichlorofluoromethane	101	1.798	1.798	(0.407)	27377	5.00000	4.7
8 n-Pentane	72	1.785	1.785	(0.404)	3370	5.00000	5.0
10 Isoprene	67	1.987	1.987	(0.450)	25994	5.00000	4.4
11 Ethyl Ether	59	1.968	1.968	(0.445)	14668	5.00000	4.4
13 Acrolein	56	2.121	2.121	(0.480)	12390	20.0000	26
15 1,1-Dichloroethene	96	2.169	2.169	(0.491)	14036	5.00000	4.4
14 Freon TF	101	2.163	2.163	(0.490)	15301	5.00000	4.3
16 Acetone	43	2.249	2.249	(0.509)	15607	15.0000	15
17 Iodomethane	142	2.310	2.310	(0.523)	25291	5.00000	4.4
18 Carbon Disulfide	76	2.340	2.340	(0.530)	53351	5.00000	4.1
19 Isopropanol	45	2.358	2.358	(0.534)	429277	2000.00	1900

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63941.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.541	2.541	(0.575)	9038	100.000	110
27 Methyl Acetate	74	2.493	2.493	(0.564)	3521	5.00000	4.4
22 Methylene Chloride	84	2.596	2.596	(0.588)	19501	5.00000	5.2
24 TBA	59	2.682	2.682	(0.607)	33054	100.000	89
25 trans-1,2-Dichloroethene	96	2.773	2.773	(0.628)	16287	5.00000	4.4
26 Acrylonitrile	53	2.834	2.834	(0.641)	15519	10.0000	10
28 MTBE	73	2.755	2.755	(0.623)	50776	5.00000	4.4
30 1,1-Dichloroethane	63	3.133	3.133	(0.709)	30188	5.00000	4.4
31 Vinyl Acetate	43	3.120	3.120	(0.706)	37799	5.00000	4.5
32 DIPE	45	3.120	3.120	(0.706)	60977	5.00000	4.2
34 n-Propanol	60	3.230	3.230	(0.731)	23862	2000.00	1900
35 t-Butyl-ethyl-ether	59	3.401	3.401	(0.770)	61217	5.00000	4.6
37 2,2-Dichloropropane	77	3.559	3.559	(0.805)	19221	5.00000	4.3
36 cis-1,2-Dichloroethene	96	3.584	3.584	(0.811)	17018	5.00000	4.3
38 2-Butanone	72	3.596	3.596	(0.814)	5547	15.0000	14
39 Ethyl Acetate	70	3.614	3.614	(0.818)	3019	10.0000	8.9
40 Bromochloromethane	128	3.767	3.767	(0.852)	8019	5.00000	4.5
41 Tetrahydrofuran	42	3.767	3.767	(0.852)	5704	5.00000	5.8
42 Chloroform	83	3.815	3.815	(0.863)	27095	5.00000	4.4
43 1,1,1-Trichloroethane	97	3.931	3.931	(0.890)	25077	5.00000	4.3
44 Cyclohexane	56	3.913	3.913	(0.885)	30959	5.00000	4.0
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	19749	5.00000	4.2
46 1,1-Dichloropropene	75	4.047	4.047	(0.916)	21682	5.00000	4.2
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.212	(0.953)	170030	50.0000	50
48 Benzene	78	4.193	4.193	(0.602)	64500	5.00000	4.4
49 1,2-Dichloroethane	62	4.267	4.267	(0.966)	20623	5.00000	4.3
50 t-Amyl-methyl-ether	73	4.261	4.261	(0.964)	50941	5.00000	4.4
61 Isopropyl Acetate	43	4.261	4.261	(0.964)	79150	10.0000	8.9
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	614052	50.0000	
54 Trichloroethene	95	4.681	4.681	(1.059)	16567	5.00000	4.3
56 Methyl cyclohexane	83	4.773	4.773	(1.080)	28298	5.00000	4.0
55 Ethyl Acrylate	55	4.779	4.779	(1.081)	43259	5.00000	4.2
57 1,2-Dichloropropane	63	4.882	4.882	(1.105)	17927	5.00000	4.5
58 Dibromomethane	93	4.980	4.980	(1.127)	8512	5.00000	4.2
60 1,4-Dioxane	88	4.974	4.974	(1.126)	3276	100.000	86
59 Methyl Methacrylate	100	4.949	4.949	(1.120)	3965	5.00000	4.6
75 Propyl Acetate	43	4.992	4.992	(1.130)	44363	10.0000	9.1
68 Bromodichloromethane	83	5.090	5.090	(1.152)	20281	5.00000	4.3
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	10008	5.00000	4.4
63 Epichlorohydrin	57	5.388	5.388	(0.774)	25852	100.000	87
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	24019	5.00000	4.4
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	50895	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	5.596	5.596	(0.804)	546797	50.0000	50
66 Toluene	91	5.657	5.657	(0.813)	70255	5.00000	4.4
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	21070	5.00000	4.2
69 1,1,2-Trichloroethane	83	6.089	6.089	(0.875)	11173	5.00000	4.4
71 Tetrachloroethene	166	6.126	6.126	(0.880)	14312	5.00000	4.3

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63941.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	24870	5.00000	4.6
73 2-Hexanone	43	6.321	6.321	(0.908)	32910	15.0000	14
74 Dibromochloromethane	129	6.455	6.455	(0.927)	13684	5.00000	4.4
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	12551	5.00000	4.4
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	447493	50.0000	
79 Chlorobenzene	112	6.986	6.986	(1.004)	41235	5.00000	4.3
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	14904	5.00000	4.3
81 Ethylbenzene	106	7.047	7.047	(1.012)	22833	5.00000	4.2
82 m+p-Xylene	106	7.144	7.144	(1.026)	59374	10.0000	8.7
84 o-Xylene	106	7.437	7.437	(1.068)	29445	5.00000	4.3
85 Styrene	104	7.455	7.455	(1.071)	51064	5.00000	4.4
86 Bromoform	173	7.601	7.601	(1.092)	7445	5.00000	4.1
88 Isopropylbenzene	105	7.681	7.681	(1.103)	67658	5.00000	4.2
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.921)	176865	50.0000	51
90 Camphene (total)	93	7.821	7.821	(1.123)	33954	5.00000	5.1
91 Bromobenzene	156	7.900	7.900	(0.931)	18050	5.00000	4.5
92 1,1,2,2-Tetrachloroethane	83	7.924	7.924	(0.934)	14965	5.00000	4.4
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.937)	4843	5.00000	4.4
95 n-Propylbenzene	91	7.943	7.943	(0.936)	91288	5.00000	4.3
96 2-Chlorotoluene	91	8.010	8.010	(0.944)	54106	5.00000	4.2
97 1,3,5-Trimethylbenzene	105	8.052	8.052	(0.949)	64911	5.00000	4.3
98 4-Chlorotoluene	91	8.083	8.083	(0.953)	58570	5.00000	4.4
99 Butyl Methacrylate	87	8.113	8.113	(0.956)	26247	5.00000	4.4
100 tert-Butylbenzene	119	8.235	8.235	(0.971)	52434	5.00000	4.1
101 1,2,4-Trimethylbenzene	105	8.272	8.272	(0.975)	66810	5.00000	4.3
103 sec-Butylbenzene	105	8.357	8.357	(0.985)	83896	5.00000	4.3
105 1,3-Dichlorobenzene	146	8.443	8.443	(0.995)	35109	5.00000	4.3
107 p-Isopropyltoluene	119	8.437	8.437	(0.994)	70332	5.00000	4.3
* 108 1,4-Dichlorobenzene-d4	152	8.485	8.485	(1.000)	237044	50.0000	
109 1,4-Dichlorobenzene	146	8.497	8.497	(1.001)	37109	5.00000	4.5
106 n-Butylbenzene	91	8.656	8.656	(1.020)	70292	5.00000	4.4
111 1,2-Dichlorobenzene	146	8.699	8.699	(1.025)	35301	5.00000	4.4
112 1,2-Dibromo-3-chloropropane	75	9.107	9.107	(1.073)	3133	5.00000	4.2
114 1,2,4-Trichlorobenzene	180	9.552	9.552	(1.126)	24133	5.00000	4.3
115 Hexachlorobutadiene	225	9.619	9.619	(1.134)	11674	5.00000	2.9
116 Naphthalene	128	9.717	9.717	(1.145)	48680	5.00000	4.3
117 1,2,3-Trichlorobenzene	180	9.875	9.875	(1.164)	18217	5.00000	4.3
M 120 1,2-Dichloroethene (Total)	100				33305	10.0000	8.6
M 121 Xylene (Total)	100				88819	15.0000	13

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63942.d
 Report Date: 25-May-2011 16:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63942.d
 Lab Smp Id: ICIS-VM6CAL3
 Inj Date : 21-MAY-2011 03:59
 Operator : VOA GC/MS1
 Smp Info : ICIS-VM6CAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/8260_09.m
 Meth Date : 25-May-2011 16:03 vibha
 Cal Date : 21-MAY-2011 03:59
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File: a63942.d
 Calibration Sample, Level: 3
 Compound Sublist: all.sub

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	1.139	1.139	(0.258)	73461	20.0000	20
3 Chloromethane	50	1.255	1.255	(0.284)	109622	20.0000	20
4 Vinyl Chloride	62	1.334	1.334	(0.302)	103863	20.0000	20
6 Bromomethane	94	1.548	1.548	(0.351)	58778	20.0000	20
5 Chloroethane	64	1.602	1.602	(0.363)	61108	20.0000	21
7 Trichlorofluoromethane	101	1.785	1.785	(0.405)	103866	20.0000	20
8 n-Pentane	72	1.779	1.779	(0.403)	14059	20.0000	23
10 Isoprene	67	1.974	1.974	(0.447)	114556	20.0000	22
11 Ethyl Ether	59	1.950	1.950	(0.442)	64424	20.0000	22
13 Acrolein	56	2.121	2.121	(0.481)	22723	40.0000	55
15 1,1-Dichloroethene	96	2.157	2.157	(0.489)	63813	20.0000	22
14 Freon TF	101	2.157	2.157	(0.489)	71063	20.0000	22
16 Acetone	43	2.230	2.230	(0.505)	21583	20.0000	24
17 Iodomethane	142	2.297	2.297	(0.521)	113105	20.0000	22
18 Carbon Disulfide	76	2.328	2.328	(0.528)	258160	20.0000	22
19 Isopropanol	45	2.340	2.340	(0.530)	630442	3000.00	3200

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63942.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.523	2.523	(0.572)	29953	400.000	420
27 Methyl Acetate	74	2.480	2.480	(0.562)	15378	20.0000	22
22 Methylene Chloride	84	2.590	2.590	(0.587)	77018	20.0000	23
24 TBA	59	2.669	2.669	(0.605)	139166	400.000	420
25 trans-1,2-Dichloroethene	96	2.761	2.761	(0.626)	73167	20.0000	22
26 Acrylonitrile	53	2.828	2.828	(0.641)	27914	20.0000	21
28 MTBE	73	2.749	2.749	(0.623)	233626	20.0000	23
30 1,1-Dichloroethane	63	3.120	3.120	(0.707)	135191	20.0000	22
31 Vinyl Acetate	43	3.114	3.114	(0.706)	162058	20.0000	22
32 DIPE	45	3.114	3.114	(0.706)	292727	20.0000	23
34 n-Propanol	60	3.224	3.224	(0.731)	34529	3000.00	3200
35 t-Butyl-ethyl-ether	59	3.395	3.395	(0.769)	262080	20.0000	22
37 2,2-Dichloropropane	77	3.566	3.566	(0.808)	82278	20.0000	21
36 cis-1,2-Dichloroethene	96	3.578	3.578	(0.811)	76296	20.0000	22
38 2-Butanone	72	3.590	3.590	(0.814)	7634	20.0000	22
39 Ethyl Acetate	70	3.608	3.608	(0.818)	13840	40.0000	46
40 Bromochloromethane	128	3.761	3.761	(0.852)	33863	20.0000	21
41 Tetrahydrofuran	42	3.761	3.761	(0.852)	21062	20.0000	24
42 Chloroform	83	3.815	3.815	(0.865)	118250	20.0000	22
43 1,1,1-Trichloroethane	97	3.925	3.925	(0.889)	110766	20.0000	21
44 Cyclohexane	56	3.907	3.907	(0.885)	156047	20.0000	23
45 Carbon Tetrachloride	117	4.017	4.017	(0.910)	92042	20.0000	22
46 1,1-Dichloropropene	75	4.041	4.041	(0.916)	101135	20.0000	22
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.206	4.206	(0.953)	149521	50.0000	50
48 Benzene	78	4.187	4.187	(0.602)	283653	20.0000	22
49 1,2-Dichloroethane	62	4.261	4.261	(0.965)	91677	20.0000	22
50 t-Amyl-methyl-ether	73	4.254	4.254	(0.964)	223399	20.0000	22
61 Isopropyl Acetate	43	4.254	4.254	(0.964)	356410	40.0000	45
* 52 Fluorobenzene	96	4.413	4.413	(1.000)	543239	50.0000	
54 Trichloroethene	95	4.675	4.675	(1.059)	76832	20.0000	22
56 Methyl cyclohexane	83	4.767	4.767	(1.080)	143317	20.0000	23
55 Ethyl Acrylate	55	4.773	4.773	(1.081)	202013	20.0000	22
57 1,2-Dichloropropane	63	4.882	4.882	(1.106)	76908	20.0000	22
58 Dibromomethane	93	4.974	4.974	(1.127)	38197	20.0000	21
60 1,4-Dioxane	88	4.974	4.974	(1.127)	4763	150.000	140
59 Methyl Methacrylate	100	4.949	4.949	(1.122)	17106	20.0000	22
75 Propyl Acetate	43	4.992	4.992	(1.131)	189335	40.0000	44
68 Bromodichloromethane	83	5.084	5.084	(1.152)	88622	20.0000	21
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.206)	44763	20.0000	22
63 Epichlorohydrin	57	5.388	5.388	(0.774)	114945	400.000	440
67 cis-1,3-Dichloropropene	75	5.425	5.425	(0.779)	105570	20.0000	22
70 4-Methyl-2-Pentanone	43	5.541	5.541	(0.796)	67710	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	5.596	5.596	(0.804)	480241	50.0000	50
66 Toluene	91	5.650	5.650	(0.812)	307272	20.0000	22
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	93509	20.0000	21
69 1,1,2-Trichloroethane	83	6.083	6.083	(0.874)	48291	20.0000	22
71 Tetrachloroethene	166	6.126	6.126	(0.880)	65038	20.0000	22

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63942.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	102181	20.0000	22
73 2-Hexanone	43	6.315	6.315	(0.907)	45873	20.0000	22
74 Dibromochloromethane	129	6.455	6.455	(0.927)	58893	20.0000	22
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	54560	20.0000	22
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	392968	50.0000	
79 Chlorobenzene	112	6.979	6.979	(1.003)	185727	20.0000	22
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	65661	20.0000	22
81 Ethylbenzene	106	7.047	7.047	(1.012)	104591	20.0000	22
82 m+p-Xylene	106	7.144	7.144	(1.026)	264051	40.0000	44
84 o-Xylene	106	7.437	7.437	(1.068)	132351	20.0000	22
85 Styrene	104	7.455	7.455	(1.071)	225370	20.0000	22
86 Bromoform	173	7.601	7.601	(1.092)	34430	20.0000	22
88 Isopropylbenzene	105	7.681	7.681	(1.103)	315980	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.921)	152048	50.0000	50
90 Camphene (total)	93	7.821	7.821	(1.123)	127452	20.0000	22
91 Bromobenzene	156	7.900	7.900	(0.931)	78004	20.0000	22
92 1,1,2,2-Tetrachloroethane	83	7.924	7.924	(0.934)	60648	20.0000	20
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.937)	20820	20.0000	22
95 n-Propylbenzene	91	7.943	7.943	(0.936)	420540	20.0000	23
96 2-Chlorotoluene	91	8.010	8.010	(0.944)	249531	20.0000	22
97 1,3,5-Trimethylbenzene	105	8.052	8.052	(0.949)	294137	20.0000	22
98 4-Chlorotoluene	91	8.083	8.083	(0.953)	260517	20.0000	22
99 Butyl Methacrylate	87	8.113	8.113	(0.956)	116205	20.0000	22
100 tert-Butylbenzene	119	8.235	8.235	(0.971)	245426	20.0000	22
101 1,2,4-Trimethylbenzene	105	8.272	8.272	(0.975)	304584	20.0000	22
103 sec-Butylbenzene	105	8.357	8.357	(0.985)	389705	20.0000	23
105 1,3-Dichlorobenzene	146	8.443	8.443	(0.995)	158094	20.0000	22
107 p-Isopropyltoluene	119	8.437	8.437	(0.994)	324238	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	8.485	8.485	(1.000)	206959	50.0000	
109 1,4-Dichlorobenzene	146	8.497	8.497	(1.001)	161748	20.0000	22
106 n-Butylbenzene	91	8.656	8.656	(1.020)	321011	20.0000	23
111 1,2-Dichlorobenzene	146	8.699	8.699	(1.025)	152284	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	9.107	9.107	(1.073)	13060	20.0000	20
114 1,2,4-Trichlorobenzene	180	9.552	9.552	(1.126)	108513	20.0000	22
115 Hexachlorobutadiene	225	9.619	9.619	(1.134)	55168	20.0000	16
116 Naphthalene	128	9.717	9.717	(1.145)	211193	20.0000	21
117 1,2,3-Trichlorobenzene	180	9.875	9.875	(1.164)	79047	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				149463	40.0000	44
M 121 Xylene (Total)	100				396402	60.0000	66

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63943.d
 Report Date: 25-May-2011 16:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63943.d
 Lab Smp Id: IC-VM6CAL4
 Inj Date : 21-MAY-2011 04:19
 Operator : VOA GC/MS1
 Smp Info : IC-VM6CAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/8260_09.m
 Meth Date : 25-May-2011 16:03 vibha
 Cal Date : 21-MAY-2011 04:19
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File: a63943.d
 Calibration Sample, Level: 4
 Compound Sublist: all.sub

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	1.133	1.133	(0.257)	194882	50.0000	49
3 Chloromethane	50	1.255	1.255	(0.284)	296317	50.0000	51
4 Vinyl Chloride	62	1.334	1.334	(0.302)	287151	50.0000	51
6 Bromomethane	94	1.547	1.547	(0.351)	162147	50.0000	50
5 Chloroethane	64	1.602	1.602	(0.363)	166134	50.0000	51
7 Trichlorofluoromethane	101	1.785	1.785	(0.405)	285149	50.0000	51
8 n-Pentane	72	1.779	1.779	(0.403)	32969	50.0000	50
10 Isoprene	67	1.974	1.974	(0.447)	284699	50.0000	50
11 Ethyl Ether	59	1.956	1.956	(0.443)	157105	50.0000	48
13 Acrolein	56	2.120	2.120	(0.481)	48891	100.000	110
15 1,1-Dichloroethene	96	2.157	2.157	(0.489)	163599	50.0000	53
14 Freon TF	101	2.163	2.163	(0.490)	178286	50.0000	52
16 Acetone	43	2.242	2.242	(0.508)	48256	50.0000	48
17 Iodomethane	142	2.297	2.297	(0.521)	282064	50.0000	51
18 Carbon Disulfide	76	2.328	2.328	(0.528)	645936	50.0000	52
19 Isopropanol	45	2.346	2.346	(0.532)	852143	4000.00	3900

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63943.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.523	2.523	(0.572)	76833	1000.00	1000
27 Methyl Acetate	74	2.474	2.474	(0.561)	37675	50.0000	49
22 Methylene Chloride	84	2.590	2.590	(0.587)	194452	50.0000	54
24 TBA	59	2.669	2.669	(0.605)	341047	1000.00	960
25 trans-1,2-Dichloroethene	96	2.761	2.761	(0.626)	186275	50.0000	52
26 Acrylonitrile	53	2.828	2.828	(0.641)	62111	50.0000	43
28 MTBE	73	2.748	2.748	(0.623)	564902	50.0000	51
30 1,1-Dichloroethane	63	3.120	3.120	(0.707)	350224	50.0000	53
31 Vinyl Acetate	43	3.114	3.114	(0.706)	414507	50.0000	51
32 DIPE	45	3.114	3.114	(0.706)	724150	50.0000	52
34 n-Propanol	60	3.212	3.212	(0.728)	45280	4000.00	3800
35 t-Butyl-ethyl-ether	59	3.389	3.389	(0.768)	644380	50.0000	50
37 2,2-Dichloropropane	77	3.559	3.559	(0.807)	214273	50.0000	50
36 cis-1,2-Dichloroethene	96	3.578	3.578	(0.811)	197068	50.0000	51
38 2-Butanone	72	3.596	3.596	(0.815)	19033	50.0000	51
39 Ethyl Acetate	70	3.608	3.608	(0.818)	33888	100.000	100
40 Bromochloromethane	128	3.760	3.760	(0.852)	86510	50.0000	50
41 Tetrahydrofuran	42	3.760	3.760	(0.852)	49104	50.0000	52
42 Chloroform	83	3.815	3.815	(0.865)	309008	50.0000	52
43 1,1,1-Trichloroethane	97	3.925	3.925	(0.889)	296562	50.0000	53
44 Cyclohexane	56	3.913	3.913	(0.887)	388748	50.0000	52
45 Carbon Tetrachloride	117	4.016	4.016	(0.910)	234853	50.0000	52
46 1,1-Dichloropropene	75	4.041	4.041	(0.916)	262724	50.0000	53
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.205	4.205	(0.953)	163061	50.0000	50
48 Benzene	78	4.187	4.187	(0.602)	741256	50.0000	52
49 1,2-Dichloroethane	62	4.266	4.266	(0.967)	238034	50.0000	52
50 t-Amyl-methyl-ether	73	4.254	4.254	(0.964)	558636	50.0000	50
61 Isopropyl Acetate	43	4.254	4.254	(0.964)	867889	100.000	100
* 52 Fluorobenzene	96	4.413	4.413	(1.000)	592530	50.0000	
54 Trichloroethene	95	4.675	4.675	(1.059)	192952	50.0000	52
56 Methyl cyclohexane	83	4.766	4.766	(1.080)	353843	50.0000	52
55 Ethyl Acrylate	55	4.772	4.772	(1.081)	504758	50.0000	51
57 1,2-Dichloropropane	63	4.882	4.882	(1.106)	201173	50.0000	52
58 Dibromomethane	93	4.974	4.974	(1.127)	98838	50.0000	50
60 1,4-Dioxane	88	4.974	4.974	(1.127)	7121	200.000	190
59 Methyl Methacrylate	100	4.949	4.949	(1.122)	40663	50.0000	49
75 Propyl Acetate	43	4.992	4.992	(1.131)	472259	100.000	100
68 Bromodichloromethane	83	5.083	5.083	(1.152)	230603	50.0000	50
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.206)	108983	50.0000	49
63 Epichlorohydrin	57	5.388	5.388	(0.774)	282297	1000.00	990
67 cis-1,3-Dichloropropene	75	5.425	5.425	(0.779)	278108	50.0000	53
70 4-Methyl-2-Pentanone	43	5.541	5.541	(0.796)	169971	50.0000	49
\$ 65 Toluene-d8 (SUR)	98	5.595	5.595	(0.804)	524265	50.0000	50
66 Toluene	91	5.650	5.650	(0.812)	782639	50.0000	51
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	247305	50.0000	51
69 1,1,2-Trichloroethane	83	6.083	6.083	(0.874)	121868	50.0000	50
71 Tetrachloroethene	166	6.126	6.126	(0.880)	167006	50.0000	52

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63943.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	267852	50.0000	52
73 2-Hexanone	43	6.315	6.315	(0.907)	113760	50.0000	49
74 Dibromochloromethane	129	6.455	6.455	(0.927)	156300	50.0000	52
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	139371	50.0000	51
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	429723	50.0000	
79 Chlorobenzene	112	6.979	6.979	(1.003)	479903	50.0000	53
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	170800	50.0000	51
81 Ethylbenzene	106	7.046	7.046	(1.012)	273579	50.0000	52
82 m+p-Xylene	106	7.144	7.144	(1.026)	681126	100.000	100
84 o-Xylene	106	7.437	7.437	(1.068)	345616	50.0000	52
85 Styrene	104	7.455	7.455	(1.071)	577489	50.0000	52
86 Bromoform	173	7.601	7.601	(1.092)	89582	50.0000	52
88 Isopropylbenzene	105	7.680	7.680	(1.103)	814706	50.0000	53
\$ 89 Bromofluorobenzene (SUR)	174	7.814	7.814	(0.921)	165592	50.0000	51
90 Camphene (total)	93	7.821	7.821	(1.123)	315222	50.0000	50
91 Bromobenzene	156	7.900	7.900	(0.931)	201447	50.0000	53
92 1,1,2,2-Tetrachloroethane	83	7.924	7.924	(0.934)	168884	50.0000	53
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.937)	51902	50.0000	50
95 n-Propylbenzene	91	7.943	7.943	(0.936)	1083717	50.0000	55
96 2-Chlorotoluene	91	8.010	8.010	(0.944)	643380	50.0000	54
97 1,3,5-Trimethylbenzene	105	8.052	8.052	(0.949)	759405	50.0000	53
98 4-Chlorotoluene	91	8.083	8.083	(0.953)	666466	50.0000	53
99 Butyl Methacrylate	87	8.113	8.113	(0.956)	282869	50.0000	51
100 tert-Butylbenzene	119	8.235	8.235	(0.971)	644574	50.0000	54
101 1,2,4-Trimethylbenzene	105	8.272	8.272	(0.975)	773839	50.0000	53
103 sec-Butylbenzene	105	8.357	8.357	(0.985)	1001309	50.0000	55
105 1,3-Dichlorobenzene	146	8.442	8.442	(0.995)	403682	50.0000	53
107 p-Isopropyltoluene	119	8.436	8.436	(0.994)	835838	50.0000	54
* 108 1,4-Dichlorobenzene-d4	152	8.485	8.485	(1.000)	222800	50.0000	
109 1,4-Dichlorobenzene	146	8.497	8.497	(1.001)	400504	50.0000	52
106 n-Butylbenzene	91	8.656	8.656	(1.020)	812494	50.0000	54
111 1,2-Dichlorobenzene	146	8.698	8.698	(1.025)	392160	50.0000	52
112 1,2-Dibromo-3-chloropropane	75	9.107	9.107	(1.073)	35589	50.0000	51
114 1,2,4-Trichlorobenzene	180	9.552	9.552	(1.126)	282104	50.0000	54
115 Hexachlorobutadiene	225	9.619	9.619	(1.134)	142006	50.0000	40
116 Naphthalene	128	9.717	9.717	(1.145)	567067	50.0000	53
117 1,2,3-Trichlorobenzene	180	9.875	9.875	(1.164)	215146	50.0000	54
M 120 1,2-Dichloroethene (Total)	100				383343	100.000	100
M 121 Xylene (Total)	100				1026742	150.000	160

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63944.d
 Report Date: 25-May-2011 16:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63944.d
 Lab Smp Id: IC-VM6CAL5
 Inj Date : 21-MAY-2011 04:39
 Operator : VOA GC/MS1
 Smp Info : IC-VM6CAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/8260_09.m
 Meth Date : 25-May-2011 16:03 vibha
 Cal Date : 21-MAY-2011 04:39
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File: a63944.d
 Calibration Sample, Level: 5
 Compound Sublist: all.sub

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	1.145	1.145	(0.259)	835941	200.000	220
3 Chloromethane	50	1.273	1.273	(0.288)	1193177	200.000	210
4 Vinyl Chloride	62	1.346	1.346	(0.305)	1173640	200.000	220
6 Bromomethane	94	1.560	1.560	(0.353)	647862	200.000	210
5 Chloroethane	64	1.615	1.615	(0.365)	662723	200.000	210
7 Trichlorofluoromethane	101	1.798	1.798	(0.407)	1173326	200.000	220
8 n-Pentane	72	1.791	1.791	(0.405)	131060	200.000	210
10 Isoprene	67	1.987	1.987	(0.450)	1113759	200.000	200
11 Ethyl Ether	59	1.968	1.968	(0.445)	624104	200.000	200
13 Acrolein	56	2.133	2.133	(0.483)	90108	200.000	210
15 1,1-Dichloroethene	96	2.169	2.169	(0.491)	636868	200.000	210
14 Freon TF	101	2.169	2.169	(0.491)	704189	200.000	210
16 Acetone	43	2.249	2.249	(0.509)	195407	200.000	200
17 Iodomethane	142	2.310	2.310	(0.523)	1092990	200.000	210
18 Carbon Disulfide	76	2.340	2.340	(0.530)	2512639	200.000	210
19 Isopropanol	45	2.358	2.358	(0.534)	1092616	5000.00	5200

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63944.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.535	2.535	(0.574)	309463	4000.00	4200
27 Methyl Acetate	74	2.486	2.486	(0.563)	144984	200.000	200
22 Methylene Chloride	84	2.602	2.602	(0.589)	751777	200.000	220
24 TBA	59	2.688	2.688	(0.608)	1368757	4000.00	4000
25 trans-1,2-Dichloroethene	96	2.773	2.773	(0.628)	705696	200.000	200
26 Acrylonitrile	53	2.840	2.840	(0.643)	125427	100.000	92
28 MTBE	73	2.761	2.761	(0.625)	2215409	200.000	210
30 1,1-Dichloroethane	63	3.133	3.133	(0.709)	1360578	200.000	220
31 Vinyl Acetate	43	3.127	3.127	(0.708)	1621657	200.000	210
32 DIPE	45	3.127	3.127	(0.708)	2874240	200.000	210
34 n-Propanol	60	3.230	3.230	(0.731)	58225	5000.00	5200
35 t-Butyl-ethyl-ether	59	3.401	3.401	(0.770)	2552256	200.000	210
37 2,2-Dichloropropane	77	3.572	3.572	(0.808)	823012	200.000	200
36 cis-1,2-Dichloroethene	96	3.584	3.584	(0.811)	771119	200.000	210
38 2-Butanone	72	3.602	3.602	(0.815)	73877	200.000	210
39 Ethyl Acetate	70	3.614	3.614	(0.818)	134231	400.000	430
40 Bromochloromethane	128	3.767	3.767	(0.852)	339064	200.000	200
41 Tetrahydrofuran	42	3.767	3.767	(0.852)	192178	200.000	210
42 Chloroform	83	3.822	3.822	(0.865)	1205906	200.000	210
43 1,1,1-Trichloroethane	97	3.931	3.931	(0.890)	1141565	200.000	210
44 Cyclohexane	56	3.919	3.919	(0.887)	1545339	200.000	220
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	923702	200.000	210
46 1,1-Dichloropropene	75	4.047	4.047	(0.916)	1037256	200.000	220
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.212	(0.953)	158994	50.0000	51
48 Benzene	78	4.193	4.193	(0.602)	2908130	200.000	210
49 1,2-Dichloroethane	62	4.267	4.267	(0.966)	937001	200.000	210
50 t-Amyl-methyl-ether	73	4.261	4.261	(0.964)	2246587	200.000	210
61 Isopropyl Acetate	43	4.261	4.261	(0.964)	3495780	400.000	430
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	565901	50.0000	
54 Trichloroethene	95	4.681	4.681	(1.059)	767300	200.000	220
56 Methyl cyclohexane	83	4.773	4.773	(1.080)	1427657	200.000	220
55 Ethyl Acrylate	55	4.779	4.779	(1.081)	2009859	200.000	210
57 1,2-Dichloropropane	63	4.888	4.888	(1.106)	786889	200.000	210
58 Dibromomethane	93	4.980	4.980	(1.127)	390814	200.000	210
60 1,4-Dioxane	88	4.974	4.974	(1.126)	10749	250.000	310(A)
59 Methyl Methacrylate	100	4.949	4.949	(1.120)	164058	200.000	210
75 Propyl Acetate	43	4.992	4.992	(1.130)	1885251	400.000	420
68 Bromodichloromethane	83	5.090	5.090	(1.152)	923132	200.000	210
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	436037	200.000	210
63 Epichlorohydrin	57	5.388	5.388	(0.774)	1117157	4000.00	4100
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	1121009	200.000	220
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	695140	200.000	210
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	502823	50.0000	50
66 Toluene	91	5.657	5.657	(0.813)	3037090	200.000	200
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	988294	200.000	210
69 1,1,2-Trichloroethane	83	6.089	6.089	(0.875)	490759	200.000	210
71 Tetrachloroethene	166	6.126	6.126	(0.880)	662651	200.000	210

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63944.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	1053926	200.000	210
73 2-Hexanone	43	6.315	6.315	(0.907)	446296	200.000	200
74 Dibromochloromethane	129	6.455	6.455	(0.927)	621128	200.000	220
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	559029	200.000	210
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	413048	50.0000	
79 Chlorobenzene	112	6.986	6.986	(1.004)	1876844	200.000	210
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	683216	200.000	210
81 Ethylbenzene	106	7.047	7.047	(1.012)	1071942	200.000	210
82 m+p-Xylene	106	7.144	7.144	(1.026)	2692051	400.000	430
84 o-Xylene	106	7.437	7.437	(1.068)	1361495	200.000	210
85 Styrene	104	7.455	7.455	(1.071)	2283729	200.000	210
86 Bromoform	173	7.601	7.601	(1.092)	369993	200.000	220
88 Isopropylbenzene	105	7.681	7.681	(1.103)	3244731	200.000	220
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.921)	158291	50.0000	50
90 Camphene (total)	93	7.827	7.827	(1.124)	1256683	200.000	210
91 Bromobenzene	156	7.900	7.900	(0.931)	784762	200.000	210
92 1,1,2,2-Tetrachloroethane	83	7.924	7.924	(0.934)	646418	200.000	210
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.937)	205605	200.000	200
95 n-Propylbenzene	91	7.943	7.943	(0.936)	4249258	200.000	220
96 2-Chlorotoluene	91	8.010	8.010	(0.944)	2507151	200.000	220
97 1,3,5-Trimethylbenzene	105	8.052	8.052	(0.949)	3045792	200.000	220
98 4-Chlorotoluene	91	8.083	8.083	(0.953)	2621683	200.000	220
99 Butyl Methacrylate	87	8.113	8.113	(0.956)	1143049	200.000	210
100 tert-Butylbenzene	119	8.235	8.235	(0.971)	2650592	200.000	230
101 1,2,4-Trimethylbenzene	105	8.272	8.272	(0.975)	3108751	200.000	220
103 sec-Butylbenzene	105	8.357	8.357	(0.985)	4077631	200.000	230
105 1,3-Dichlorobenzene	146	8.443	8.443	(0.995)	1638185	200.000	220
107 p-Isopropyltoluene	119	8.443	8.443	(0.995)	3434170	200.000	230
* 108 1,4-Dichlorobenzene-d4	152	8.485	8.485	(1.000)	216305	50.0000	
109 1,4-Dichlorobenzene	146	8.497	8.497	(1.001)	1603423	200.000	210
106 n-Butylbenzene	91	8.656	8.656	(1.020)	3273086	200.000	220
111 1,2-Dichlorobenzene	146	8.699	8.699	(1.025)	1557531	200.000	210
112 1,2-Dibromo-3-chloropropane	75	9.107	9.107	(1.073)	140645	200.000	210
114 1,2,4-Trichlorobenzene	180	9.552	9.552	(1.126)	1134728	200.000	220
115 Hexachlorobutadiene	225	9.619	9.619	(1.134)	587334	200.000	200
116 Naphthalene	128	9.717	9.717	(1.145)	2248222	200.000	220
117 1,2,3-Trichlorobenzene	180	9.875	9.875	(1.164)	850756	200.000	220
M 120 1,2-Dichloroethene (Total)	100				1476815	400.000	420
M 121 Xylene (Total)	100				4053546	600.000	640

QC Flag Legend

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

Data File: a63944.d

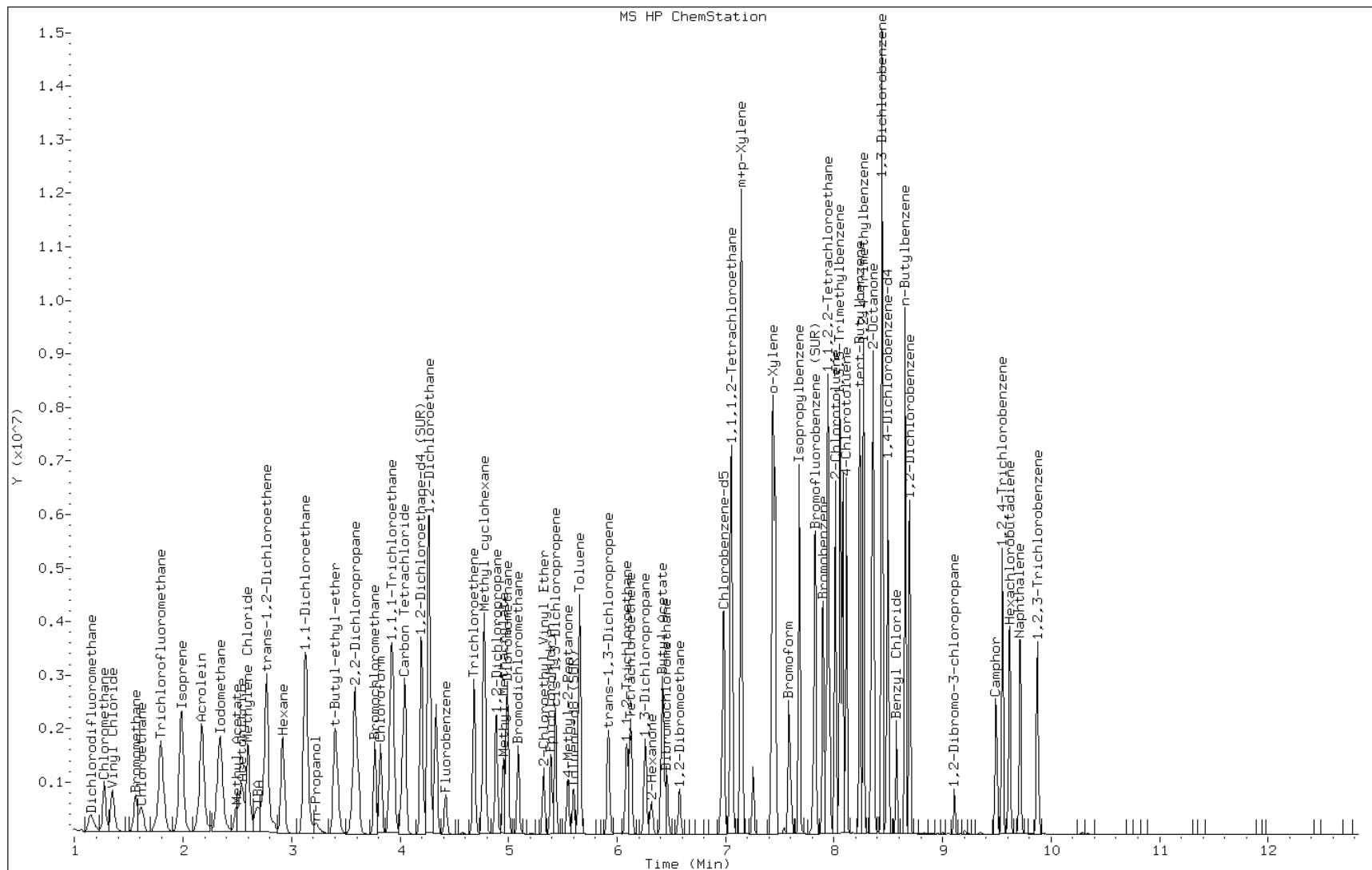
Date: 21-MAY-2011 04:39

Client ID:

Instrument: VOAMS1.i

Sample Info: IC-VM6CAL5

Operator: VOA GC/MS1



Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63945.d
 Report Date: 25-May-2011 16:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63945.d
 Lab Smp Id: IC-VM6CAL6
 Inj Date : 21-MAY-2011 04:58
 Operator : VOA GC/MS1
 Smp Info : IC-VM6CAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/8260_09.m
 Meth Date : 25-May-2011 16:03 vibha
 Cal Date : 21-MAY-2011 04:58
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File: a63945.d
 Calibration Sample, Level: 6
 Compound Sublist: all.sub

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	1.139	1.139	(0.258)	2040873		500.000	470
3 Chloromethane	50	1.261	1.261	(0.285)	3008045		500.000	470
4 Vinyl Chloride	62	1.340	1.340	(0.303)	2916616		500.000	480
6 Bromomethane	94	1.554	1.554	(0.352)	1632310		500.000	460
5 Chloroethane	64	1.609	1.609	(0.364)	1690391		500.000	480
7 Trichlorofluoromethane	101	1.785	1.785	(0.404)	2946949		500.000	480
8 n-Pentane	72	1.785	1.785	(0.404)	324600		500.000	450
10 Isoprene	67	1.974	1.974	(0.447)	2841342		500.000	460
11 Ethyl Ether	59	1.956	1.956	(0.443)	1598685		500.000	450
13 Acrolein	56	2.121	2.121	(0.480)	192459		400.000	390
15 1,1-Dichloroethene	96	2.163	2.163	(0.490)	1654665		500.000	490
14 Freon TF	101	2.163	2.163	(0.490)	1767549		500.000	470
16 Acetone	43	2.243	2.243	(0.507)	497989		500.000	460
17 Iodomethane	142	2.304	2.304	(0.521)	2849914		500.000	470
18 Carbon Disulfide	76	2.334	2.334	(0.528)	6557843		500.000	480
19 Isopropanol	45	2.346	2.346	(0.531)	1392939		6000.00	5900

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63945.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.529	2.529	(0.572)	761176	10000.0	9100
27 Methyl Acetate	74	2.480	2.480	(0.561)	373433	500.000	450
22 Methylene Chloride	84	2.590	2.590	(0.586)	1941159	500.000	490
24 TBA	59	2.676	2.676	(0.605)	3602344	10000.0	9300
25 trans-1,2-Dichloroethene	96	2.761	2.761	(0.625)	1858603	500.000	480
26 Acrylonitrile	53	2.834	2.834	(0.641)	269753	200.000	170
28 MTBE	73	2.755	2.755	(0.623)	5681708	500.000	470
30 1,1-Dichloroethane	63	3.127	3.127	(0.708)	3543155	500.000	500
31 Vinyl Acetate	43	3.127	3.127	(0.708)	4574242	500.000	520(A)
32 DIPE	45	3.121	3.121	(0.706)	7398341	500.000	480
34 n-Propanol	60	3.224	3.224	(0.730)	70989	6000.00	5500
35 t-Butyl-ethyl-ether	59	3.401	3.401	(0.770)	6565791	500.000	460
37 2,2-Dichloropropane	77	3.566	3.566	(0.807)	2120389	500.000	450
36 cis-1,2-Dichloroethene	96	3.578	3.578	(0.810)	2019374	500.000	480
38 2-Butanone	72	3.596	3.596	(0.814)	196186	500.000	480
39 Ethyl Acetate	70	3.608	3.608	(0.817)	354851	1000.00	1000(A)
40 Bromochloromethane	128	3.761	3.761	(0.851)	889402	500.000	470
41 Tetrahydrofuran	42	3.761	3.761	(0.851)	504403	500.000	490
42 Chloroform	83	3.816	3.816	(0.863)	3139408	500.000	480
43 1,1,1-Trichloroethane	97	3.931	3.931	(0.890)	2988497	500.000	490
44 Cyclohexane	56	3.919	3.919	(0.887)	3926143	500.000	480
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	2443434	500.000	500
46 1,1-Dichloropropene	75	4.041	4.041	(0.914)	2711255	500.000	500(A)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.206	4.206	(0.952)	180262	50.0000	51
48 Benzene	78	4.194	4.194	(0.602)	7554288	500.000	480
49 1,2-Dichloroethane	62	4.267	4.267	(0.966)	2473270	500.000	500
50 t-Amyl-methyl-ether	73	4.261	4.261	(0.964)	5963749	500.000	490
61 Isopropyl Acetate	43	4.261	4.261	(0.964)	9124159	1000.00	980
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	644484	50.0000	
54 Trichloroethene	95	4.681	4.681	(1.059)	1963330	500.000	490
56 Methyl cyclohexane	83	4.773	4.773	(1.080)	3724705	500.000	510(A)
55 Ethyl Acrylate	55	4.773	4.773	(1.080)	5309262	500.000	500
57 1,2-Dichloropropane	63	4.882	4.882	(1.105)	2065538	500.000	500
58 Dibromomethane	93	4.974	4.974	(1.126)	1043279	500.000	490
60 1,4-Dioxane	88	4.974	4.974	(1.126)	16802	300.000	420(A)
59 Methyl Methacrylate	100	4.949	4.949	(1.120)	446457	500.000	490
75 Propyl Acetate	43	4.992	4.992	(1.130)	5104625	1000.00	990
68 Bromodichloromethane	83	5.090	5.090	(1.152)	2457042	500.000	500
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	1164411	500.000	480
63 Epichlorohydrin	57	5.388	5.388	(0.774)	2962031	10000.0	9400
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	3001944	500.000	520(A)
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	1877434	500.000	480
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	576446	50.0000	50
66 Toluene	91	5.657	5.657	(0.813)	8008754	500.000	470
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	2666225	500.000	500
69 1,1,2-Trichloroethane	83	6.090	6.090	(0.875)	1300988	500.000	490
71 Tetrachloroethene	166	6.126	6.126	(0.880)	1779491	500.000	500(A)

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63945.d
 Report Date: 25-May-2011 16:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	2799026	500.000	490
73 2-Hexanone	43	6.315	6.315	(0.907)	1239297	500.000	480
74 Dibromochloromethane	129	6.455	6.455	(0.927)	1694263	500.000	510(A)
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	1497935	500.000	500
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	475761	50.0000	
79 Chlorobenzene	112	6.986	6.986	(1.004)	5062240	500.000	500(A)
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	1881948	500.000	510(A)
81 Ethylbenzene	106	7.053	7.053	(1.013)	3011853	500.000	520(A)
82 m+p-Xylene	106	7.144	7.144	(1.026)	7427204	1000.00	1000(A)
84 o-Xylene	106	7.437	7.437	(1.068)	3851393	500.000	530(A)
85 Styrene	104	7.461	7.461	(1.072)	6351049	500.000	520(A)
86 Bromoform	173	7.601	7.601	(1.092)	1052445	500.000	550(A)
88 Isopropylbenzene	105	7.681	7.681	(1.103)	8932673	500.000	520(A)
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.921)	193186	50.0000	47
90 Camphene (total)	93	7.827	7.827	(1.124)	3491329	500.000	500
91 Bromobenzene	156	7.900	7.900	(0.931)	2232644	500.000	470
92 1,1,2,2-Tetrachloroethane	83	7.931	7.931	(0.935)	1981926	500.000	500
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.937)	598349	500.000	460
95 n-Propylbenzene	91	7.943	7.943	(0.936)	11001168	500.000	440
96 2-Chlorotoluene	91	8.010	8.010	(0.944)	7145180	500.000	480
97 1,3,5-Trimethylbenzene	105	8.059	8.059	(0.950)	8765134	500.000	490
98 4-Chlorotoluene	91	8.083	8.083	(0.953)	7488266	500.000	480
99 Butyl Methacrylate	87	8.114	8.114	(0.956)	3413183	500.000	490
100 tert-Butylbenzene	119	8.235	8.235	(0.971)	7542857	500.000	500(A)
101 1,2,4-Trimethylbenzene	105	8.272	8.272	(0.975)	8807550	500.000	480
103 sec-Butylbenzene	105	8.357	8.357	(0.985)	10324397	500.000	450
105 1,3-Dichlorobenzene	146	8.443	8.443	(0.995)	4885731	500.000	510(A)
107 p-Isopropyltoluene	119	8.443	8.443	(0.995)	9450016	500.000	490
* 108 1,4-Dichlorobenzene-d4	152	8.485	8.485	(1.000)	278547	50.0000	
109 1,4-Dichlorobenzene	146	8.498	8.498	(1.001)	4797345	500.000	500
106 n-Butylbenzene	91	8.656	8.656	(1.020)	8903245	500.000	470
111 1,2-Dichlorobenzene	146	8.699	8.699	(1.025)	4627059	500.000	500
112 1,2-Dibromo-3-chloropropane	75	9.107	9.107	(1.073)	413451	500.000	470
114 1,2,4-Trichlorobenzene	180	9.558	9.558	(1.126)	3031312	500.000	460
115 Hexachlorobutadiene	225	9.619	9.619	(1.134)	1510623	500.000	500
116 Naphthalene	128	9.717	9.717	(1.145)	6070358	500.000	450
117 1,2,3-Trichlorobenzene	180	9.881	9.881	(1.165)	2239129	500.000	450
M 120 1,2-Dichloroethene (Total)	100				3877977	1000.00	960
M 121 Xylene (Total)	100				11278597	1500.00	1600

QC Flag Legend

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

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-73788/2	d08984.d
Level 2	IC 460-73788/5	d08992.d
Level 3	ICIS 460-73788/6	d08994.d
Level 4	IC 460-73788/3	d08986.d
Level 5	IC 460-73788/7	d08997.d
Level 6	IC 460-73788/4	d08988.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	0.4148 ++++	0.5216	0.4688	0.3829	0.5402	Ave		0.4657				14.5		15.0			
Chloromethane	0.6466 ++++	0.6124	0.5553	0.4775	0.6710	Ave		0.5926			0.1000	13.1		15.0			
Vinyl chloride	0.6171 ++++	0.6464	0.5402	0.4689	0.6462	Ave		0.5838				13.3		30.0			
Bromomethane	0.3770 ++++	0.3622	0.3194	0.2691	0.3785	Ave		0.3412				13.7		15.0			
Chloroethane	0.2597 ++++	0.3089	0.2692	0.2186	0.3053	Ave		0.2723				13.6		15.0			
n-Pentane	0.0494 0.0488	0.0835	0.0671	0.0588	0.0557	LinF		0.0500							0.9958		0.9900
Trichlorofluoromethane	0.6614 ++++	0.6358	0.5962	0.4732	0.6810	Ave		0.6095				13.5		15.0			
Isopropene	0.4664 0.4728	0.5321	0.4791	0.4605	0.4856	Ave		0.4827				5.3		15.0			
Ethyl ether	0.2970 0.2809	0.2857	0.2625	0.2619	0.2734	Ave		0.2769				5.0		15.0			
1,1-Dichloroethene	0.3461 0.3037	0.3848	0.3416	0.3273	0.3471	Ave		0.3418				7.8		30.0			
Carbon disulfide	1.5202 1.4953	1.5423	1.3675	1.3221	1.4476	Ave		1.4492				6.1		15.0			
Freon TF	0.4162 0.3448	0.4619	0.4024	0.3632	0.4250	Ave		0.4023				10.6		15.0			
Iodomethane	0.7478 0.7543	0.7884	0.7093	0.6836	0.7182	Ave		0.7336				5.1		15.0			
Acrolein	0.0689 0.0590	0.0687	0.0648	0.0799	0.0741	Ave		0.0692				10.5		15.0			
Methylene Chloride	0.4565 0.3932	0.4552	0.4156	0.4087	0.4202	Ave		0.4249				6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

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								
Acetone	0.0505 0.0334	0.0444	0.0360	0.0381	0.0396	LinF		0.0337							0.9982		0.9900
trans-1,2-Dichloroethene	0.4386 0.3176	0.3953	0.3493	0.3379	0.3519	Ave		0.3651				12.1		15.0			
Methyl acetate	0.1014 0.0910	0.0853	0.0785	0.0795	0.0894	Ave		0.0875				9.7		15.0			
Hexane	0.3594 0.2488	0.3297	0.3054	0.2999	0.3001	Ave		0.3072				12.0		15.0			
MTBE	1.3066 1.2935	1.2092	1.1005	1.0965	1.2199	Ave		1.2044				7.5		15.0			
TBA	0.0600 0.0539	0.0537	0.0406	0.0515	0.0621	Ave		0.0537				14.1		15.0			
Acetonitrile	0.0521 0.0565	0.0559	0.0449	0.0479	0.0604	Ave		0.0530				11.0		15.0			
DIPE	1.3919 1.4026	1.2890	1.1730	1.1557	1.2739	Ave		1.2810				8.2		15.0			
1,1-Dichloroethane	0.6538 0.5595	0.6637	0.6069	0.5890	0.6151	Ave		0.6147			0.1000	6.4		15.0			
Acrylonitrile	0.1397 0.1207	0.1445	0.1396	0.1751	0.1508	Ave		0.1451				12.3		15.0			
Tert-butyl ethyl ether	1.3733 1.4094	1.2848	1.2028	1.1891	1.2909	Ave		1.2917				6.8		15.0			
Vinyl acetate	0.5279 0.5561	0.4818	0.4171	0.4321	0.4986	Ave		0.4856				11.1		15.0			
cis-1,2-Dichloroethene	0.5119 0.3561	0.4246	0.3887	0.3752	0.3896	Ave		0.4077				13.7		15.0			
2,2-Dichloropropane	0.5583 0.5031	0.6286	0.5624	0.5296	0.6030	Ave		0.5642				8.2		15.0			
Bromochloromethane	0.2026 0.1830	0.2057	0.1963	0.1922	0.2001	Ave		0.1966				4.2		15.0			
Cyclohexane	0.7939 0.6247	0.8050	0.7194	0.6694	0.7653	Ave		0.7296				9.9		15.0			
Chloroform	0.6330 0.5784	0.6543	0.6021	0.5868	0.6149	Ave		0.6116				4.7		30.0			
Carbon tetrachloride	0.6016 0.5376	0.6006	0.5614	0.5435	0.6176	Ave		0.5771				5.9		15.0			
Ethyl acetate	0.0431 0.0463	0.0403	0.0400	0.0386	0.0455	Ave		0.0423				7.5		15.0			
1,1,1-Trichloroethane	0.5533 0.5311	0.6280	0.5780	0.5493	0.6137	Ave		0.5756				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.4829 0.4178	0.5222	0.4774	0.4420	0.4791	Ave		0.4702				7.7		15.0			
2-Butanone	0.0443 0.0508	0.0471	0.0600	0.0595	0.0686	QuaF		13.074	6.4845						0.9999		0.9900
n-Heptane	0.4258 0.2850	0.4287	0.3918	0.3895	0.3949	Ave		0.3860				13.6		15.0			
Benzene	1.5033 1.2753	1.5298	1.4072	1.3227	1.4124	Ave		1.4084				7.0		15.0			
Tert-amyl methyl ether	1.2033 1.3016	1.1393	1.0724	1.0854	1.1967	Ave		1.1665				7.3		15.0			
1,2-Dichloroethane	0.4541 0.3874	0.4356	0.4146	0.4007	0.4227	Ave		0.4192				5.7		15.0			
Isopropyl acetate	0.6786 0.7734	0.6746	0.6395	0.6471	0.7489	Ave		0.6937				7.9		15.0			
Methylcyclohexane	0.6824 0.6083	0.7730	0.6897	0.6583	0.7829	Ave		0.6991				9.7		15.0			
Trichloroethene	0.3952 0.3118	0.3840	0.3552	0.3265	0.3535	Ave		0.3544				9.0		15.0			
Dibromomethane	0.2360 0.2101	0.2256	0.2178	0.2097	0.2278	Ave		0.2212				4.7		15.0			
1,2-Dichloropropane	0.3692 0.3382	0.3777	0.3629	0.3409	0.3698	Ave		0.3598				4.6		30.0			
Ethyl acrylate	0.3931 0.5053	0.4137	0.3946	0.4029	0.4803	Ave		0.4316				11.3		15.0			
Bromodichloromethane	0.4540 0.4356	0.4432	0.4235	0.4171	0.4656	Ave		0.4398				4.2		15.0			
Methyl methacrylate	0.2317 0.2839	0.2421	0.2239	0.2206	0.2710	Ave		0.2455				10.6		15.0			
1,4-Dioxane	0.0036 ++++	0.0047	0.0041	0.0051	0.0044	Ave		0.0044				13.5		15.0			
Propyl acetate	0.4503 0.5546	0.4382	0.4358	0.4319	0.5339	Ave		0.4741				11.6		15.0			
2-Chloroethyl vinyl ether	0.1977 0.2379	0.1928	0.1839	0.1785	0.2241	Ave		0.2025				11.6		15.0			
cis-1,3-Dichloropropene	0.5872 0.5379	0.5496	0.5356	0.5060	0.5812	Ave		0.5496				5.5		15.0			
Toluene	1.9146 1.6294	2.0474	1.8891	1.7955	1.8531	Ave		1.8548				7.5		30.0			
Epichlorohydrin	0.0394 0.0472	0.0394	0.0379	0.0358	0.0472	Ave		0.0411				11.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

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								
Tetrachloroethene	0.4973 0.4115	0.5411	0.4897	0.4557	0.4800	Ave		0.4792				9.0		15.0			
4-Methyl-2-pentanone	0.3237 0.3838	0.3579	0.3389	0.3529	0.4229	Ave		0.3633				9.7		15.0			
trans-1,3-Dichloropropene	0.6455 0.5898	0.6045	0.5965	0.5954	0.6483	Ave		0.6133				4.3		15.0			
1,1,2-Trichloroethane	0.4331 0.2944	0.3294	0.3199	0.3141	0.3277	Ave		0.3364				14.6		15.0			
Dibromochloromethane	0.4079 0.4268	0.3933	0.4007	0.4157	0.4562	Ave		0.4168				5.4		15.0			
1,3-Dichloropropane	0.6929 0.6078	0.6720	0.6469	0.6283	0.6727	Ave		0.6534				4.9		15.0			
1,2-Dibromoethane	0.4236 0.3624	0.3877	0.3772	0.3750	0.4052	Ave		0.3885				5.8		15.0			
Butyl acetate	0.7903 0.7510	0.6663	0.6392	0.6544	0.7327	Ave		0.7057				8.6		15.0			
2-Hexanone	0.2948 0.3131	0.3211	0.3174	0.3125	0.3562	Ave		0.3192				6.4		15.0			
Chlorobenzene	1.3212 1.0754	1.3126	1.2105	1.1492	1.2119	Ave		1.2135			0.3000	7.8		15.0			
Ethylbenzene	0.7295 0.5616	0.7364	0.6687	0.6232	0.6551	Ave		0.6624				10.0		30.0			
1,1,1,2-Tetrachloroethane	0.5051 0.4522	0.4929	0.4811	0.4939	0.5086	Ave		0.4890				4.2		15.0			
m&p-Xylene	0.8737 0.6800	0.9103	0.8333	0.7738	0.8144	Ave		0.8143				9.9		15.0			
o-Xylene	0.8933 0.7368	0.9262	0.8587	0.8134	0.8455	Ave		0.8456				7.8		15.0			
Styrene	1.4232 1.1327	1.3812	1.3405	1.2372	1.3020	Ave		1.3028				8.1		15.0			
Bromoform	0.2848 0.2902	0.2554	0.2708	0.2909	0.3221	Ave		0.2857			0.1000	7.8		15.0			
Isopropylbenzene	2.0980 1.7688	2.2587	2.1365	2.0205	2.1253	Ave		2.0680				8.0		15.0			
Camphene, Total	1.2998 1.0938	1.3694	1.2438	1.3399	1.4727	Ave		1.3032				9.8		15.0			
Monobromobenzene	1.0849 0.9094	1.0646	1.0062	0.9701	1.0537	Ave		1.0148				6.6		15.0			
N-Propylbenzene	5.1618 4.2132	5.4572	5.0465	4.7841	5.3769	Ave		5.0066				9.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	1.1885 1.0234	1.1245	1.0498	1.1073	1.2414	Ave		1.1225			0.3000	7.3		15.0			
2-Chlorotoluene	3.1785 2.6187	3.1696	2.9451	2.8620	3.1730	Ave		2.9911				7.6		15.0			
1,2,3-Trichloropropane	0.3402 0.2716	0.3201	0.3005	0.3117	0.3379	Ave		0.3137				8.2		15.0			
1,3,5-Trimethylbenzene	3.5479 3.1840	3.8129	3.5436	3.5108	3.9337	Ave		3.5888				7.3		15.0			
trans-1,4-Dichloro-2-butene	0.1363 0.1001	0.1063	0.0842	0.0823	0.0992	LinF		0.0998							0.9995		0.9900
4-Chlorotoluene	2.9817 2.5262	3.1347	2.8598	2.7023	3.0045	Ave		2.8682				7.7		15.0			
tert-Butylbenzene	2.8206 2.7205	2.9865	2.8187	2.9218	3.2963	Ave		2.9274				6.9		15.0			
Butyl Methacrylate	1.5521 1.5269	1.5406	1.4603	1.4930	1.6228	Ave		1.5326				3.6		15.0			
1,2,4-Trimethylbenzene	3.8201 3.1995	3.8687	3.6170	3.5680	3.9039	Ave		3.6629				7.2		15.0			
sec-Butylbenzene	4.5832 4.1226	4.9526	4.6429	4.6818	5.2012	Ave		4.6974				7.8		15.0			
p-Isopropyltoluene	3.9570 3.4578	4.1729	3.9113	3.8362	4.3624	Ave		3.9496				7.8		15.0			
1,3-Dichlorobenzene	2.1127 1.6343	2.0854	1.9176	1.7848	1.9408	Ave		1.9126				9.5		15.0			
1,4-Dichlorobenzene	2.1908 1.6203	2.1203	1.8903	1.7873	1.9183	Ave		1.9212				11.0		15.0			
2-Octanone	1.5141 1.2121	1.3671	1.2723	1.3025	1.4398	Ave		1.3513				8.3		15.0			
Benzyl chloride	6.2439 5.2100	6.2850	5.7648	5.6285	6.4291	Ave		5.9269				8.0		15.0			
n-Butylbenzene	6.2439 5.2100	6.2850	5.7648	5.6285	6.4291	Ave		5.9269				8.0		15.0			
1,2-Dichlorobenzene	2.1931 1.6905	2.0895	1.9303	1.8678	1.9915	Ave		1.9604				9.0		15.0			
1,2-Dibromo-3-Chloropropane	0.2452 0.2087	0.2084	0.1999	0.2166	0.2516	Ave		0.2217				9.7		15.0			
Hexachlorobutadiene	0.7955 0.7073	0.8222	0.7517	0.7616	0.8671	Ave		0.7842				7.2		15.0			
1,2,4-Trichlorobenzene	1.8516 1.3886	1.8068	1.6243	1.5430	1.7214	Ave		1.6560				10.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

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								
Camphor	0.1528 0.1553	0.1313	0.1160	0.1284	0.1603	Ave		0.1407				12.7		15.0			
Naphthalene	5.3293 3.5243	4.4447	3.9929	4.1154	4.3949	Ave		4.3003				14.0		15.0			
1,2,3-Trichlorobenzene	1.9061 1.3930	1.7920	1.6094	1.5988	1.7307	Ave		1.6717				10.7		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2759 0.2877	0.2668	0.2702	0.2752	0.2766	Ave		0.2754				2.6		15.0			
Toluene-d8 (Surr)	1.2990 1.2468	1.2238	1.2233	1.2931	1.1983	Ave		1.2474				3.3		15.0			
Bromofluorobenzene	0.8936 0.9065	0.8610	0.8516	0.8968	0.9013	Ave		0.8851				2.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-73788/2	d08984.d
Level 2	IC 460-73788/5	d08992.d
Level 3	ICIS 460-73788/6	d08994.d
Level 4	IC 460-73788/3	d08986.d
Level 5	IC 460-73788/7	d08997.d
Level 6	IC 460-73788/4	d08988.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4707 ++++	27983	102728	216603	1130328	1.00 ++++	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7337 ++++	32855	121692	270125	1404211	1.00 ++++	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7002 ++++	34676	118378	265253	1352247	1.00 ++++	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4278 ++++	19431	69996	152242	791957	1.00 ++++	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2947 ++++	16572	58982	123671	638830	1.00 ++++	5.00	20.0	50.0	200
n-Pentane	FB	LinF	561 282019	4482	14702	33271	116582	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	7505 ++++	34106	130652	267674	1425042	1.00 ++++	5.00	20.0	50.0	200
Isopropene	FB	Ave	5292 2732008	28543	104986	260498	1016165	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3370 1623096	15324	57522	148179	572088	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3927 1754946	20644	74849	185148	726268	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	17249 8639897	82738	299659	747955	3029218	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4722 1992108	24777	88182	205492	889424	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	8485 4358522	42296	155420	386705	1502953	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	78204 409154	147365	212902	361642	387604	100 600	200	300	400	500
Methylene Chloride	FB	Ave	5180 2271996	24418	91060	231229	879375	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	5729 386221	7152	7882	21544	82811	10.0 1000	15.0	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

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
trans-1,2-Dichloroethene	FB	Ave	4977 1834886	21207	76539	191159	736450	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1151 525916	4577	17191	44965	186973	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4078 1437390	17685	66928	169681	627932	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	14826 7473607	64870	241145	620292	2552735	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	13620 6227816	57654	177968	582936	2600716	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	11822 6533458	60006	196795	542007	2529779	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	15794 8104113	69149	257028	653781	2665682	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7419 3232804	35604	132998	333223	1287113	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	79267 418583	155035	229432	396140	394379	50.0 300	100	150	200	250
Tert-butyl ethyl ether	FB	Ave	15583 8143498	68923	263564	672720	2701334	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	5990 3212850	25846	91399	244470	1043450	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5808 2057686	22776	85182	212283	815266	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	6335 2907051	33722	123247	299602	1261792	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2299 1057319	11035	43024	108722	418639	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	9008 3609184	43183	157632	378691	1601498	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	7182 3341811	35102	131930	331968	1286626	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6826 3106305	32220	123015	307469	1292391	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	979 535439	4324	17541	43682	190260	2.00 1000	10.0	40.0	100	400
1,1,1-Trichloroethane	FB	Ave	6278 3068662	33689	126645	310738	1284221	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5479 2413915	28012	104608	250033	1002491	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	QuaF	5021 587424	7586	13143	33644	143585	10.0 1000	15.0	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

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
n-Heptane	CBZ	Ave	3707 1328581	17668	66443	162235	664429	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	17057 7368295	82067	308360	748263	2955524	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	13654 7520207	61120	234994	614018	2504166	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5152 2238305	23370	90845	226709	884566	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	15400 8937111	72376	280256	732132	3134111	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	7743 3514796	41470	151125	372423	1638332	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4484 1801391	20598	77835	184701	739790	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2678 1213643	12101	47734	118653	476715	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4189 1953819	20262	79512	192835	773726	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	4460 2919470	22191	86474	227919	1005107	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5151 2516983	23776	92804	235981	974219	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2629 1640551	12989	49073	124792	567021	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	2023 ++++	4993	6707	11626	11608	50.0 ++++	100	150	200	250
Propyl acetate	FB	Ave	10219 6409137	47013	190977	488654	2234394	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2243 1374792	10341	40294	100999	468967	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	FB	Ave	6663 3107709	29483	117361	286245	1216235	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	16670 7594653	84377	320327	747774	3117965	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	8933 5454675	42303	166071	404960	1975344	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	4330 1918070	22298	83036	189794	807616	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	36734 4434542	57598	74265	199636	884892	10.0 1000	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5620 2748952	24913	101146	247974	1090734	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.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBZ	Ave	3771 1372302	13577	54237	130809	551430	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3552 1989180	16208	67936	173149	767553	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6033 2832769	27693	109692	261681	1131799	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3688 1689167	15976	63967	156185	681795	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	13763 7000999	54923	216784	545102	2465499	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	25664 2918731	39700	53824	130141	599363	10.0 1000	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	11504 5012567	54097	205260	478610	2039106	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6352 2617785	30349	113380	259542	1102185	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4398 2107622	20313	81574	205715	855736	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	15215 6338915	75030	282594	644585	2740669	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	7778 3434092	38169	145609	338751	1422678	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	12392 5279417	56922	227301	515269	2190669	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2480 1352415	10527	45912	121142	541988	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	18267 8244323	93084	362273	841481	3576023	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	6059 2574262	30206	114034	287014	1210176	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	5057 2140203	23483	92249	207800	865832	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	24061 9915920	120376	462665	1024816	4418312	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5540 2408514	24804	96245	237189	1020054	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	14816 6163208	69916	270007	613067	2607350	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1586 639302	7060	27554	66762	277682	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	16538 7493677	84107	324878	752050	3232461	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.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

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
trans-1,4-Dichloro-2-butene	FB	LinF	1547 578369	5700	18457	46575	207591	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	13899 5945592	69147	262191	578865	2468877	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	13148 6402829	65877	258423	625879	2708651	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	7235 3593585	33984	133884	319817	1333506	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	17807 7530196	85338	331613	764304	3207917	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	21364 9702713	109247	425670	1002886	4273989	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	18445 8138086	92047	358594	821752	3584666	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	9848 3846476	46001	175807	382324	1594801	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	10212 3813420	46770	173307	382866	1576291	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	7058 2852637	30157	116643	279019	1183163	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	29105 12261891	138637	528528	1205685	5282970	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	29105 12261891	138637	528528	1205685	5282970	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	10223 3978580	46090	176969	400106	1636495	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1143 491085	4596	18325	46407	206718	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3708 1664755	18137	68921	163150	712503	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	8631 3268224	39856	148916	330531	1414531	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	3562 1827468	14478	53177	137553	658806	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	24842 8294550	98044	366078	881572	3611427	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	8885 3278606	39529	147553	342480	1422144	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	156500 166212	143108	148027	155664	144708	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	565536 581102	504347	518559	538546	504054	50.0 50.0	50.0	50.0	50.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 73788

SDG No.: _____

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/16/2011 09:31 Calibration End Date: 05/16/2011 16:13 Calibration ID: 10898

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
Bromofluorobenzene	DCB	Ave	208270 213341	189913	195182	192096	185161	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/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08984.d
 Report Date: 17-May-2011 15:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08984.d
 Lab Smp Id: IC-VM8LCAL1
 Inj Date : 16-MAY-2011 09:31
 Operator : VOAMS 9
 Smp Info : IC-VM8LCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/8260L_10.m
 Meth Date : 17-May-2011 15:04 vibha
 Cal Date : 16-MAY-2011 09:31
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08984.d
 Calibration Sample, Level: 1
 Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						AMOUNTS	
		QUANT	SIG			CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100				10785	2.00000	2.4
90 Dichlorodifluoromethane	85	1.280	1.280	(0.274)	4707	1.00000	0.89(a)
1 Chloromethane	50	1.359	1.373	(0.291)	7337	1.00000	1.1
4 Vinyl Chloride	62	1.445	1.438	(0.309)	7002	1.00000	1.0
3 Bromomethane	94	1.624	1.638	(0.347)	4278	1.00000	1.1
5 Chloroethane	64	1.688	1.695	(0.361)	2947	1.00000	0.95(a)
9 Trichlorofluoromethane	101	1.825	1.831	(0.390)	7505	1.00000	1.1
121 n-Pentane	72	1.760	1.767	(0.376)	561	1.00000	0.99(a)
46 Ethyl Ether	59	1.982	1.989	(0.424)	3370	1.00000	1.1
119 Isoprene	67	1.961	1.975	(0.419)	5292	1.00000	0.97(a)
47 Acrolein	56	2.347	2.362	(0.502)	78204	100.000	100
10 1,1-Dichloroethene	96	2.111	2.118	(0.452)	3927	1.00000	1.0
48 Freon TF	101	2.211	2.204	(0.473)	4722	1.00000	1.0
7 Acetone	58	2.562	2.576	(0.548)	5729	10.0000	15

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08984.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.226	2.225	(0.476)	8485	1.00000	1.0
8 Carbon Disulfide	76	2.161	2.140	(0.462)	17249	1.00000	1.0
125 Methyl acetate	74	2.670	2.670	(0.571)	1151	1.00000	1.2
6 Methylene Chloride	84	2.519	2.526	(0.539)	5180	1.00000	1.1
51 TBA	59	2.835	2.841	(0.606)	13620	20.0000	22
52 Acrylonitrile	53	3.150	3.157	(0.674)	79267	50.0000	48(a)
12 trans-1,2-Dichloroethene	96	2.634	2.641	(0.563)	4977	1.00000	1.2
53 MTBE	73	2.734	2.741	(0.585)	14826	1.00000	1.1
11 1,1-Dichloroethane	63	3.100	3.099	(0.663)	7419	1.00000	1.1
57 Vinyl Acetate	43	3.322	3.321	(0.710)	5990	1.00000	0.99(aH)
55 DIPE	45	3.021	3.028	(0.646)	15794	1.00000	1.1
149 tert-Butyl ethyl ether	59	3.314	3.314	(0.709)	15583	1.00000	1.1
104 2,2-Dichloropropane	77	3.630	3.629	(0.776)	6335	1.00000	0.99(a)
13 cis-1,2-Dichloroethene	96	3.529	3.536	(0.755)	5808	1.00000	1.2
18 2-Butanone	72	4.059	4.052	(0.868)	5021	10.0000	5.8(a)
56 Ethyl Acetate	70	3.902	3.902	(0.835)	979	2.00000	2.0
108 Bromochloromethane	128	3.701	3.701	(0.792)	2299	1.00000	1.0
15 Chloroform	83	3.773	3.780	(0.807)	7182	1.00000	1.0
20 1,1,1-Trichloroethane	97	3.952	3.945	(0.845)	6278	1.00000	0.96(a)
59 Cyclohexane	56	3.701	3.701	(0.792)	9008	1.00000	1.1
21 Carbon Tetrachloride	117	3.880	3.880	(0.830)	6826	1.00000	1.0
92 1,1-Dichloropropene	75	4.045	4.052	(0.865)	5479	1.00000	1.0(M)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.403	4.403	(0.942)	156500	50.0000	50
28 Benzene	78	4.267	4.274	(0.913)	17057	1.00000	1.1
17 1,2-Dichloroethane	62	4.468	4.468	(0.956)	5152	1.00000	1.1
61 Isopropyl Acetate	43	4.761	4.761	(1.018)	15400	2.00000	2.0
140 tert-Amylmethyl Ether	73	4.410	4.410	(0.943)	13654	1.00000	1.0
* 69 Fluorobenzene	96	4.675	4.675	(1.000)	567336	50.0000	
62 n-Heptane	57	4.267	4.267	(0.530)	3707	1.00000	1.1
25 Trichloroethene	95	4.840	4.840	(1.035)	4484	1.00000	1.1
96 Ethyl Acrylate	55	5.463	5.463	(1.169)	4460	1.00000	0.91(a)
126 Methyl cyclohexane	83	4.826	4.826	(1.032)	7743	1.00000	0.98(a)
23 1,2-Dichloropropane	63	5.377	5.377	(1.150)	4189	1.00000	1.0
109 Dibromomethane	93	5.270	5.270	(1.127)	2678	1.00000	1.1
95 1,4-Dioxane	88	5.700	5.700	(1.219)	2023	50.0000	41(a)
146 Methyl methacrylate	69	5.685	5.685	(1.216)	2629	1.00000	0.94(a)
64 Propyl Acetate	43	5.865	5.857	(1.254)	10219	2.00000	1.9(a)
22 Bromodichloromethane	83	5.463	5.470	(1.169)	5151	1.00000	1.0
118 Epichlorohydrin	57	6.509	6.502	(1.392)	8933	20.0000	19(a)
24 cis-1,3-Dichloropropene	75	6.187	6.187	(1.323)	6663	1.00000	1.1
33 4-Methyl-2-Pentanone	43	6.960	6.960	(1.489)	36734	10.0000	8.9(a)
\$ 37 Toluene-d8 (SUR)	98	6.402	6.402	(0.795)	565536	50.0000	52
38 Toluene	91	6.466	6.466	(0.803)	16670	1.00000	1.0
29 trans-1,3-Dichloropropene	75	6.982	6.989	(0.867)	5620	1.00000	1.0
27 1,1,2-Trichloroethane	83	7.154	7.154	(0.888)	3771	1.00000	1.3
35 Tetrachloroethene	166	6.917	6.910	(0.859)	4330	1.00000	1.0
103 1,3-Dichloropropane	76	7.426	7.426	(0.922)	6033	1.00000	1.1

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08984.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
34 2-Hexanone	43	7.841	7.841	(0.973)	25664	10.0000	9.2(a)
26 Dibromochloromethane	129	7.326	7.326	(0.909)	3552	1.00000	0.98(a)
65 Butyl Acetate	43	7.784	7.784	(0.966)	13763	2.00000	2.2
66 1,2-Dibromoethane	107	7.541	7.540	(0.936)	3688	1.00000	1.1
* 32 Chlorobenzene-d5	117	8.056	8.056	(1.000)	435349	50.0000	
39 Chlorobenzene	112	8.071	8.071	(1.002)	11504	1.00000	1.1
97 1,1,1,2-Tetrachloroethane	131	8.142	8.142	(1.011)	4398	1.00000	1.0
40 Ethylbenzene	106	8.121	8.121	(1.008)	6352	1.00000	1.1
43 m+p-Xylene	106	8.264	8.264	(1.026)	15215	2.00000	2.1
44 o-Xylene	106	8.637	8.636	(1.072)	7778	1.00000	1.0
42 Styrene	104	8.687	8.687	(1.078)	12392	1.00000	1.1
31 Bromoform	173	8.687	8.687	(1.078)	2480	1.00000	1.00
110 Isopropylbenzene	105	8.909	8.909	(1.106)	18267	1.00000	1.0
\$ 41 Bromofluorobenzene (SUR)	174	9.131	9.131	(0.913)	208270	50.0000	50
150 Camphene	93	8.988	8.987	(0.898)	6059	1.00000	1.00
107 Bromobenzene	156	9.202	9.195	(0.920)	5057	1.00000	1.1
36 1,1,2,2-Tetrachloroethane	83	9.324	9.324	(0.932)	5540	1.00000	1.0
99 1,2,3-Trichloropropane	110	9.410	9.410	(0.941)	1586	1.00000	1.1
143 trans-1,4-Dichloro-2-butene	53	9.460	9.460	(2.023)	1547	1.00000	3.7(H)
112 n-Propylbenzene	91	9.253	9.252	(0.925)	24061	1.00000	1.0
105 2-Chlorotoluene	91	9.360	9.360	(0.936)	14816	1.00000	1.1
106 4-Chlorotoluene	91	9.496	9.489	(0.949)	13899	1.00000	1.0
102 1,3,5-Trimethylbenzene	105	9.417	9.417	(0.941)	16538	1.00000	0.99(a)
148 Butyl methacrylate	69	9.682	9.675	(0.968)	7235	1.00000	1.0
115 tert-Butylbenzene	119	9.661	9.661	(0.966)	13148	1.00000	0.96(a)
100 1,2,4-Trimethylbenzene	105	9.718	9.718	(0.971)	17807	1.00000	1.0
151 2-Octanone	43	10.127	10.119	(1.012)	7058	1.00000	1.1
114 sec-Butylbenzene	105	9.797	9.797	(0.979)	21364	1.00000	0.98(a)
67 1,3-Dichlorobenzene	146	9.947	9.947	(0.994)	9848	1.00000	1.1
* 91 1,4-Dichlorobenzene-d4	152	10.005	10.005	(1.000)	233069	50.0000	
68 1,4-Dichlorobenzene	146	10.012	10.012	(1.001)	10212	1.00000	1.1
113 p-Isopropyltoluene	119	9.919	9.911	(0.991)	18445	1.00000	1.0
69 1,2-Dichlorobenzene	146	10.327	10.327	(1.032)	10223	1.00000	1.1
117 Benzyl chloride	91	10.227	10.227	(1.022)	29105	1.00000	1.0
111 n-Butylbenzene	91	10.227	10.227	(1.022)	29105	1.00000	1.0
101 1,2-Dibromo-3-chloropropane	75	10.914	10.914	(1.091)	1143	1.00000	1.1
152 Camphor	95	11.602	11.602	(1.160)	3562	5.00000	5.4
93 1,2,4-Trichlorobenzene	180	11.402	11.401	(1.140)	8631	1.00000	1.1
70 Naphthalene	128	11.631	11.631	(1.163)	24842	1.00000	1.2
98 1,2,3-Trichlorobenzene	180	11.760	11.759	(1.175)	8885	1.00000	1.1
M 45 Xylene (Total)	100				22993	3.00000	3.2

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08984.d
Report Date: 17-May-2011 15:04

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: d08984.d

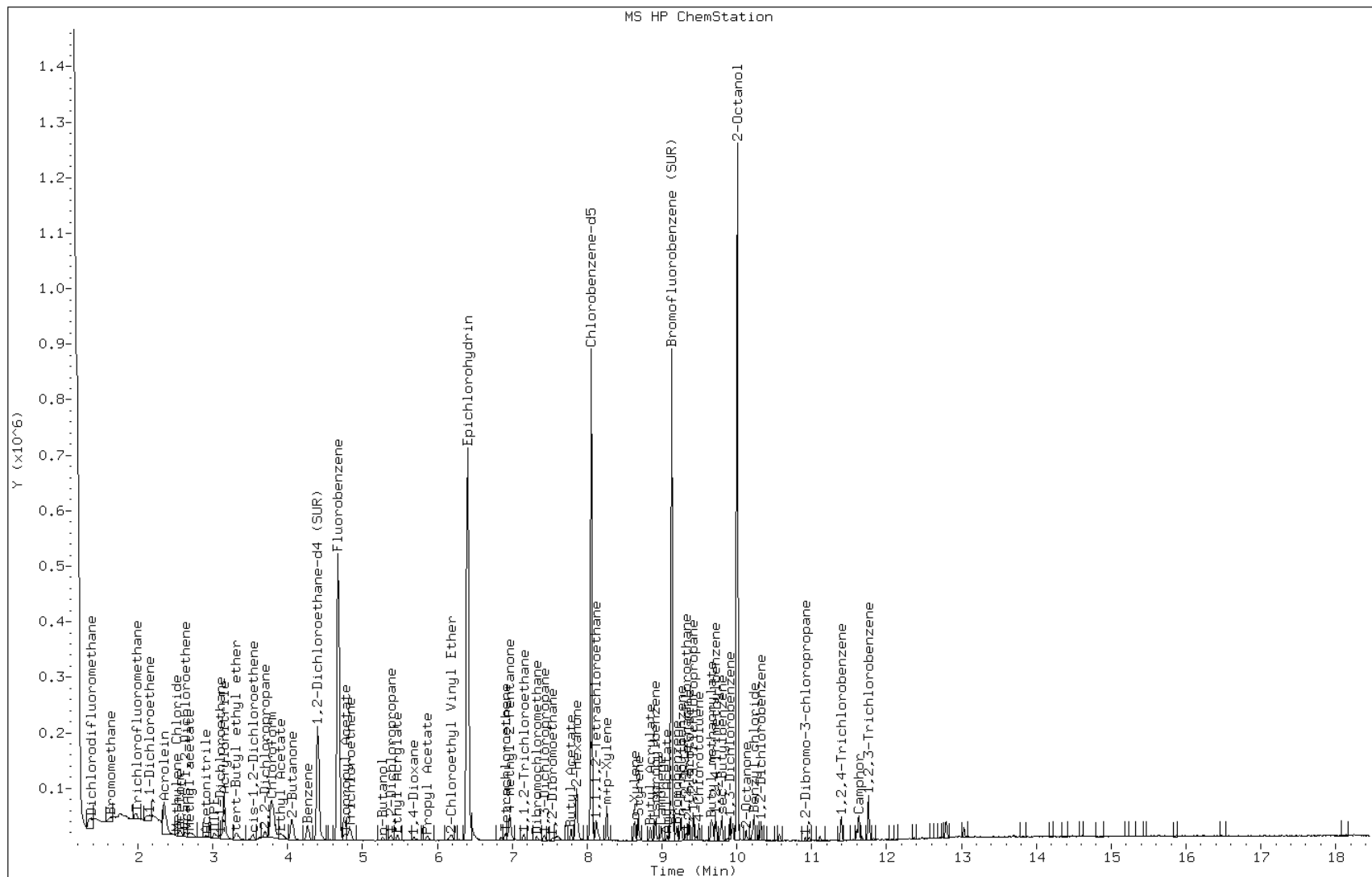
Date: 16-MAY-2011 09:31

Client ID:

Instrument: VOAMS4.i

Sample Info: IC-VM8LCAL1

Operator: VOAMS 9

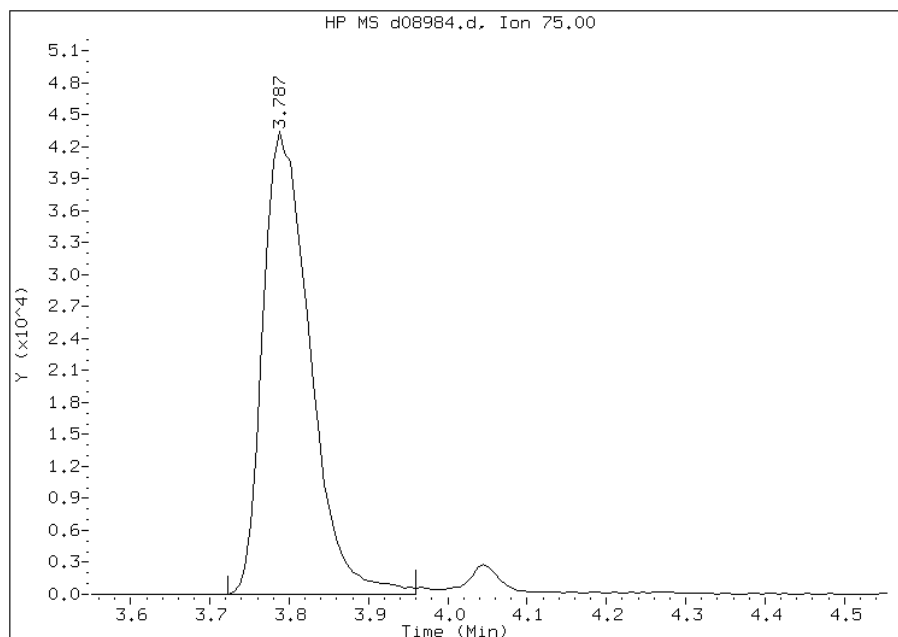


Manual Integration Report

Data File: d08984.d
Inj. Date and Time: 16-MAY-2011 09:31
Instrument ID: VOAMS4.i
Client ID:
Compound: 92 1,1-Dichloropropene
CAS #: 563-58-6
Report Date: 05/17/2011

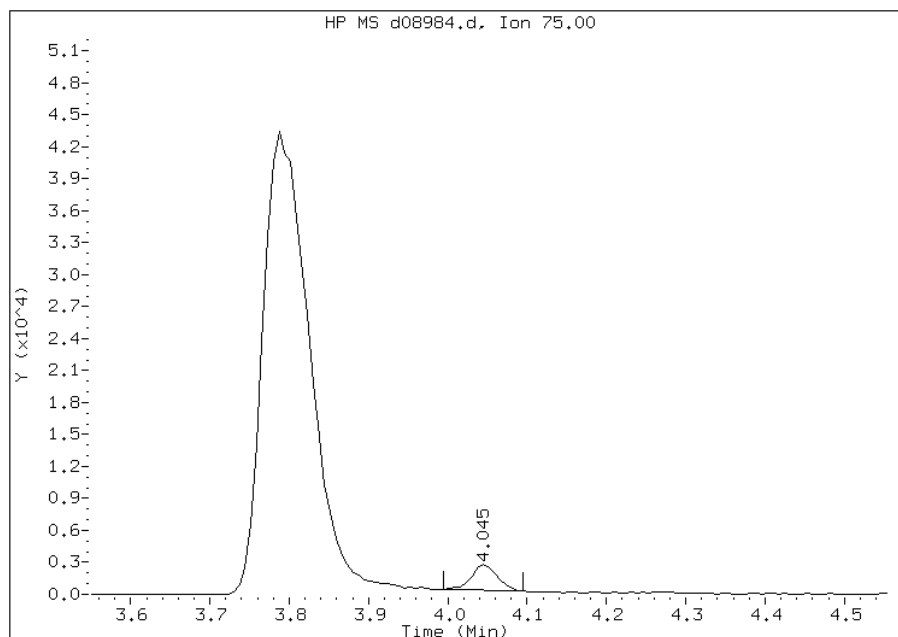
Processing Integration Results

RT: 3.79
Response: 179585
Amount: 5
Conc: 5



Manual Integration Results

RT: 4.05
Response: 5479
Amount: 1
Conc: 1



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

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08986.d
 Report Date: 17-May-2011 15:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08986.d
 Lab Smp Id: IC-VM8LCAL4
 Inj Date : 16-MAY-2011 10:19
 Operator : VOAMS 9
 Smp Info : IC-VM8LCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/8260L_10.m
 Meth Date : 17-May-2011 15:04 vibha
 Cal Date : 16-MAY-2011 10:19
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08986.d
 Calibration Sample, Level: 4
 Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						AMOUNTS	
		QUANT	SIG			CAL -AMT	ON -COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100				403442	100.000	92
90 Dichlorodifluoromethane	85	1.287	1.280	(0.275)	216603	50.0000	41
1 Chloromethane	50	1.380	1.373	(0.295)	270125	50.0000	40
4 Vinyl Chloride	62	1.452	1.438	(0.311)	265253	50.0000	40
3 Bromomethane	94	1.645	1.638	(0.352)	152242	50.0000	39
5 Chloroethane	64	1.710	1.695	(0.366)	123671	50.0000	40
9 Trichlorofluoromethane	101	1.839	1.831	(0.393)	267674	50.0000	39
121 n-Pentane	72	1.774	1.767	(0.379)	33271	50.0000	59
46 Ethyl Ether	59	1.989	1.989	(0.425)	148179	50.0000	47
119 Isoprene	67	1.975	1.975	(0.422)	260498	50.0000	48
47 Acrolein	56	2.362	2.362	(0.505)	361642	400.000	460
10 1,1-Dichloroethene	96	2.125	2.118	(0.455)	185148	50.0000	48
48 Freon TF	101	2.211	2.204	(0.473)	205492	50.0000	45
7 Acetone	58	2.576	2.576	(0.551)	21544	50.0000	56

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08986.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.247	2.225	(0.481)	386705	50.0000	46
8 Carbon Disulfide	76	2.175	2.140	(0.465)	747955	50.0000	46
50 Acetonitrile	41	2.920	2.920	(0.625)	542007	1000.00	900
125 Methyl acetate	74	2.670	2.670	(0.571)	44965	50.0000	45
6 Methylene Chloride	84	2.534	2.526	(0.542)	231229	50.0000	48
51 TBA	59	2.849	2.841	(0.609)	582936	1000.00	960
52 Acrylonitrile	53	3.157	3.157	(0.675)	396140	200.000	240
12 trans-1,2-Dichloroethene	96	2.641	2.641	(0.565)	191159	50.0000	46
53 MTBE	73	2.741	2.741	(0.586)	620292	50.0000	46
54 Hexane	56	2.698	2.698	(0.577)	169681	50.0000	49
11 1,1-Dichloroethane	63	3.107	3.099	(0.664)	333223	50.0000	48
57 Vinyl Acetate	43	3.321	3.321	(0.710)	244470	50.0000	42(H)
55 DIPE	45	3.035	3.028	(0.649)	653781	50.0000	45
149 tert-Butyl ethyl ether	59	3.321	3.314	(0.710)	672720	50.0000	46
104 2,2-Dichloropropane	77	3.644	3.629	(0.779)	299602	50.0000	47
13 cis-1,2-Dichloroethene	96	3.543	3.536	(0.758)	212283	50.0000	46
18 2-Butanone	72	4.052	4.052	(0.867)	33644	50.0000	40
56 Ethyl Acetate	70	3.902	3.902	(0.835)	43682	100.000	91
108 Bromochloromethane	128	3.708	3.701	(0.793)	108722	50.0000	49
15 Chloroform	83	3.780	3.780	(0.808)	331968	50.0000	48
20 1,1,1-Trichloroethane	97	3.952	3.945	(0.845)	310738	50.0000	48
59 Cyclohexane	56	3.708	3.701	(0.793)	378691	50.0000	46
21 Carbon Tetrachloride	117	3.887	3.880	(0.831)	307469	50.0000	47
92 1,1-Dichloropropene	75	4.052	4.052	(0.867)	250033	50.0000	47
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.403	4.403	(0.942)	155664	50.0000	50
28 Benzene	78	4.274	4.274	(0.914)	748263	50.0000	47
17 1,2-Dichloroethane	62	4.468	4.468	(0.956)	226709	50.0000	48
61 Isopropyl Acetate	43	4.761	4.761	(1.018)	732132	100.000	93
140 tert-Amylmethyl Ether	73	4.417	4.410	(0.945)	614018	50.0000	46
* 69 Fluorobenzene	96	4.675	4.675	(1.000)	565716	50.0000	
62 n-Heptane	57	4.267	4.267	(0.530)	162235	50.0000	50
25 Trichloroethene	95	4.847	4.840	(1.037)	184701	50.0000	46
96 Ethyl Acrylate	55	5.463	5.463	(1.169)	227919	50.0000	47
126 Methyl cyclohexane	83	4.833	4.826	(1.034)	372423	50.0000	47
23 1,2-Dichloropropane	63	5.377	5.377	(1.150)	192835	50.0000	47
109 Dibromomethane	93	5.270	5.270	(1.127)	118653	50.0000	47
95 1,4-Dioxane	88	5.700	5.700	(1.219)	11626	200.000	230
146 Methyl methacrylate	69	5.685	5.685	(1.216)	124792	50.0000	45
64 Propyl Acetate	43	5.857	5.857	(1.253)	488654	100.000	91
22 Bromodichloromethane	83	5.470	5.470	(1.170)	235981	50.0000	47
30 2-Chloroethyl Vinyl Ether	63	6.151	6.151	(1.316)	100999	50.0000	44
118 Epichlorohydrin	57	6.502	6.502	(1.391)	404960	1000.00	870
24 cis-1,3-Dichloropropene	75	6.187	6.187	(1.323)	286245	50.0000	46
33 4-Methyl-2-Pentanone	43	6.960	6.960	(1.489)	199636	50.0000	48
\$ 37 Toluene-d8 (SUR)	98	6.409	6.402	(0.795)	538546	50.0000	52
38 Toluene	91	6.466	6.466	(0.803)	747774	50.0000	48
29 trans-1,3-Dichloropropene	75	6.989	6.989	(0.868)	247974	50.0000	48

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08986.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.154	7.154	(0.888)	130809	50.0000	47
35 Tetrachloroethene	166	6.910	6.910	(0.858)	189794	50.0000	48
103 1,3-Dichloropropane	76	7.433	7.426	(0.923)	261681	50.0000	48
34 2-Hexanone	43	7.841	7.841	(0.973)	130141	50.0000	49
26 Dibromochloromethane	129	7.326	7.326	(0.909)	173149	50.0000	50
65 Butyl Acetate	43	7.784	7.784	(0.966)	545102	100.000	93
66 1,2-Dibromoethane	107	7.540	7.540	(0.936)	156185	50.0000	48
* 32 Chlorobenzene-d5	117	8.056	8.056	(1.000)	416480	50.0000	
39 Chlorobenzene	112	8.071	8.071	(1.002)	478610	50.0000	47
97 1,1,1,2-Tetrachloroethane	131	8.149	8.142	(1.012)	205715	50.0000	50
40 Ethylbenzene	106	8.121	8.121	(1.008)	259542	50.0000	47
43 m+p-Xylene	106	8.264	8.264	(1.026)	644585	100.000	95
44 o-Xylene	106	8.636	8.636	(1.072)	338751	50.0000	48
42 Styrene	104	8.687	8.687	(1.078)	515269	50.0000	47
31 Bromoform	173	8.687	8.687	(1.078)	121142	50.0000	51
110 Isopropylbenzene	105	8.916	8.909	(1.107)	841481	50.0000	49
\$ 41 Bromofluorobenzene (SUR)	174	9.131	9.131	(0.913)	192096	50.0000	51
150 Camphene	93	8.987	8.987	(0.898)	287014	50.0000	51
107 Bromobenzene	156	9.202	9.195	(0.920)	207800	50.0000	48
36 1,1,2,2-Tetrachloroethane	83	9.324	9.324	(0.932)	237189	50.0000	49
99 1,2,3-Trichloropropane	110	9.410	9.410	(0.941)	66762	50.0000	50
143 trans-1,4-Dichloro-2-butene	53	9.460	9.460	(2.023)	46575	50.0000	110(H)
112 n-Propylbenzene	91	9.252	9.252	(0.925)	1024816	50.0000	48
105 2-Chlorotoluene	91	9.360	9.360	(0.936)	613067	50.0000	48
106 4-Chlorotoluene	91	9.496	9.489	(0.949)	578865	50.0000	47
102 1,3,5-Trimethylbenzene	105	9.417	9.417	(0.941)	752050	50.0000	49
148 Butyl methacrylate	69	9.682	9.675	(0.968)	319817	50.0000	49
115 tert-Butylbenzene	119	9.661	9.661	(0.966)	625879	50.0000	50
100 1,2,4-Trimethylbenzene	105	9.718	9.718	(0.971)	764304	50.0000	49
151 2-Octanone	43	10.119	10.119	(1.011)	279019	50.0000	48
114 sec-Butylbenzene	105	9.797	9.797	(0.979)	1002886	50.0000	50
67 1,3-Dichlorobenzene	146	9.947	9.947	(0.994)	382324	50.0000	47
* 91 1,4-Dichlorobenzene-d4	152	10.005	10.005	(1.000)	214211	50.0000	
68 1,4-Dichlorobenzene	146	10.019	10.012	(1.001)	382866	50.0000	46
113 p-Isopropyltoluene	119	9.919	9.911	(0.991)	821752	50.0000	48
69 1,2-Dichlorobenzene	146	10.327	10.327	(1.032)	400106	50.0000	48
117 Benzyl chloride	91	10.227	10.227	(1.022)	1205685	50.0000	47
111 n-Butylbenzene	91	10.227	10.227	(1.022)	1205685	50.0000	47
101 1,2-Dibromo-3-chloropropane	75	10.914	10.914	(1.091)	46407	50.0000	49
152 Camphor	95	11.602	11.602	(1.160)	137553	250.000	230
93 1,2,4-Trichlorobenzene	180	11.401	11.401	(1.140)	330531	50.0000	46
94 Hexachlorobutadiene	225	11.387	11.387	(1.138)	163150	50.0000	48
70 Naphthalene	128	11.631	11.631	(1.163)	881572	50.0000	48
98 1,2,3-Trichlorobenzene	180	11.760	11.759	(1.175)	342480	50.0000	48
M 45 Xylene (Total)	100				983336	150.000	140

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08986.d
Report Date: 17-May-2011 15:04

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08988.d
 Report Date: 17-May-2011 15:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08988.d
 Lab Smp Id: IC-VM8LCAL6
 Inj Date : 16-MAY-2011 11:08
 Operator : VOAMS 9
 Smp Info : IC-VM8LCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/8260L_10.m
 Meth Date : 17-May-2011 15:04 vibha
 Cal Date : 16-MAY-2011 11:08
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08988.d
 Calibration Sample, Level: 6
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/L)	(ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100					3892572	1000.00	870
90 Dichlorodifluoromethane	85		1.287	1.280	(0.275)	2220890	500.000	410(A)
1 Chloromethane	50		1.395	1.373	(0.298)	2693877	500.000	390(A)
4 Vinyl Chloride	62		1.452	1.438	(0.310)	2601730	500.000	380(A)
3 Bromomethane	94		1.652	1.638	(0.353)	1481257	500.000	380(A)
5 Chloroethane	64		1.724	1.695	(0.368)	1234508	500.000	390(A)
9 Trichlorofluoromethane	101		1.839	1.831	(0.393)	2776317	500.000	390(A)
121 n-Pentane	72		1.774	1.767	(0.379)	282019	500.000	490
46 Ethyl Ether	59		1.989	1.989	(0.425)	1623096	500.000	510(A)
119 Isoprene	67		1.975	1.975	(0.422)	2732008	500.000	490
47 Acrolein	56		2.362	2.362	(0.504)	409154	600.000	510
10 1,1-Dichloroethene	96		2.154	2.118	(0.460)	1754946	500.000	440
48 Freon TF	101		2.204	2.204	(0.471)	1992108	500.000	430
7 Acetone	58		2.576	2.576	(0.550)	386221	1000.00	990

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08988.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.247	2.225 (0.480)		4358522	500.000	510(A)
8 Carbon Disulfide	76	2.175	2.140 (0.465)		8639897	500.000	520(A)
50 Acetonitrile	41	2.920	2.920 (0.624)		6533458	10000.0	11000(A)
125 Methyl acetate	74	2.670	2.670 (0.570)		525916	500.000	520
6 Methylene Chloride	84	2.534	2.526 (0.541)		2271996	500.000	460
51 TBA	59	2.863	2.841 (0.611)		6227816	10000.0	10000(A)
52 Acrylonitrile	53	3.157	3.157 (0.674)		418583	300.000	250
12 trans-1,2-Dichloroethene	96	2.641	2.641 (0.564)		1834886	500.000	430
53 MTBE	73	2.748	2.741 (0.587)		7473607	500.000	540(A)
54 Hexane	56	2.698	2.698 (0.576)		1437390	500.000	400
11 1,1-Dichloroethane	63	3.107	3.099 (0.663)		3232804	500.000	460
57 Vinyl Acetate	43	3.321	3.321 (0.709)		3212850	500.000	550(AH)
55 DIPE	45	3.035	3.028 (0.648)		8104113	500.000	550(A)
149 tert-Butyl ethyl ether	59	3.321	3.314 (0.709)		8143498	500.000	540(A)
104 2,2-Dichloropropane	77	3.651	3.629 (0.780)		2907051	500.000	440
13 cis-1,2-Dichloroethene	96	3.536	3.536 (0.755)		2057686	500.000	440
18 2-Butanone	72	4.052	4.052 (0.865)		587424	1000.00	1000
56 Ethyl Acetate	70	3.902	3.902 (0.833)		535439	1000.00	1100(A)
108 Bromochloromethane	128	3.701	3.701 (0.790)		1057319	500.000	460
15 Chloroform	83	3.780	3.780 (0.807)		3341811	500.000	470
20 1,1,1-Trichloroethane	97	3.959	3.945 (0.845)		3068662	500.000	460
59 Cyclohexane	56	3.715	3.701 (0.793)		3609184	500.000	430
21 Carbon Tetrachloride	117	3.887	3.880 (0.830)		3106305	500.000	460
92 1,1-Dichloropropene	75	4.052	4.052 (0.865)		2413915	500.000	440
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.410	4.403 (0.942)		166212	50.0000	52
28 Benzene	78	4.274	4.274 (0.913)		7368295	500.000	450
17 1,2-Dichloroethane	62	4.475	4.468 (0.956)		2238305	500.000	460
61 Isopropyl Acetate	43	4.768	4.761 (1.018)		8937111	1000.00	1100(A)
140 tert-Amylmethyl Ether	73	4.425	4.410 (0.945)		7520207	500.000	560(A)
* 69 Fluorobenzene	96	4.682	4.675 (1.000)		577787	50.0000	
62 n-Heptane	57	4.267	4.267 (0.524)		1328581	500.000	370
156 2,4,4-Trimethyl-1-pentene	112	4.747	4.711 (1.014)		143	500.000	(a)
25 Trichloroethene	95	4.847	4.840 (1.035)		1801391	500.000	440
96 Ethyl Acrylate	55	5.463	5.463 (1.167)		2919470	500.000	580(A)
126 Methyl cyclohexane	83	4.840	4.826 (1.034)		3514796	500.000	440
23 1,2-Dichloropropane	63	5.384	5.377 (1.150)		1953819	500.000	470
109 Dibromomethane	93	5.270	5.270 (1.125)		1213643	500.000	470
95 1,4-Dioxane	88	5.700	5.700 (1.217)		10939	300.000	220
146 Methyl methacrylate	69	5.685	5.685 (1.214)		1640551	500.000	580(A)
64 Propyl Acetate	43	5.857	5.857 (1.251)		6409137	1000.00	1200(A)
22 Bromodichloromethane	83	5.470	5.470 (1.168)		2516983	500.000	500
30 2-Chloroethyl Vinyl Ether	63	6.158	6.151 (1.315)		1374792	500.000	590(A)
118 Epichlorohydrin	57	6.509	6.502 (1.390)		5454675	10000.0	11000(A)
24 cis-1,3-Dichloropropene	75	6.194	6.187 (1.323)		3107709	500.000	490
33 4-Methyl-2-Pentanone	43	6.967	6.960 (1.488)		4434542	1000.00	1000(A)
\$ 37 Toluene-d8 (SUR)	98	6.409	6.402 (0.786)		581102	50.0000	50
38 Toluene	91	6.466	6.466 (0.793)		7594653	500.000	440

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08988.d
 Report Date: 17-May-2011 15:04

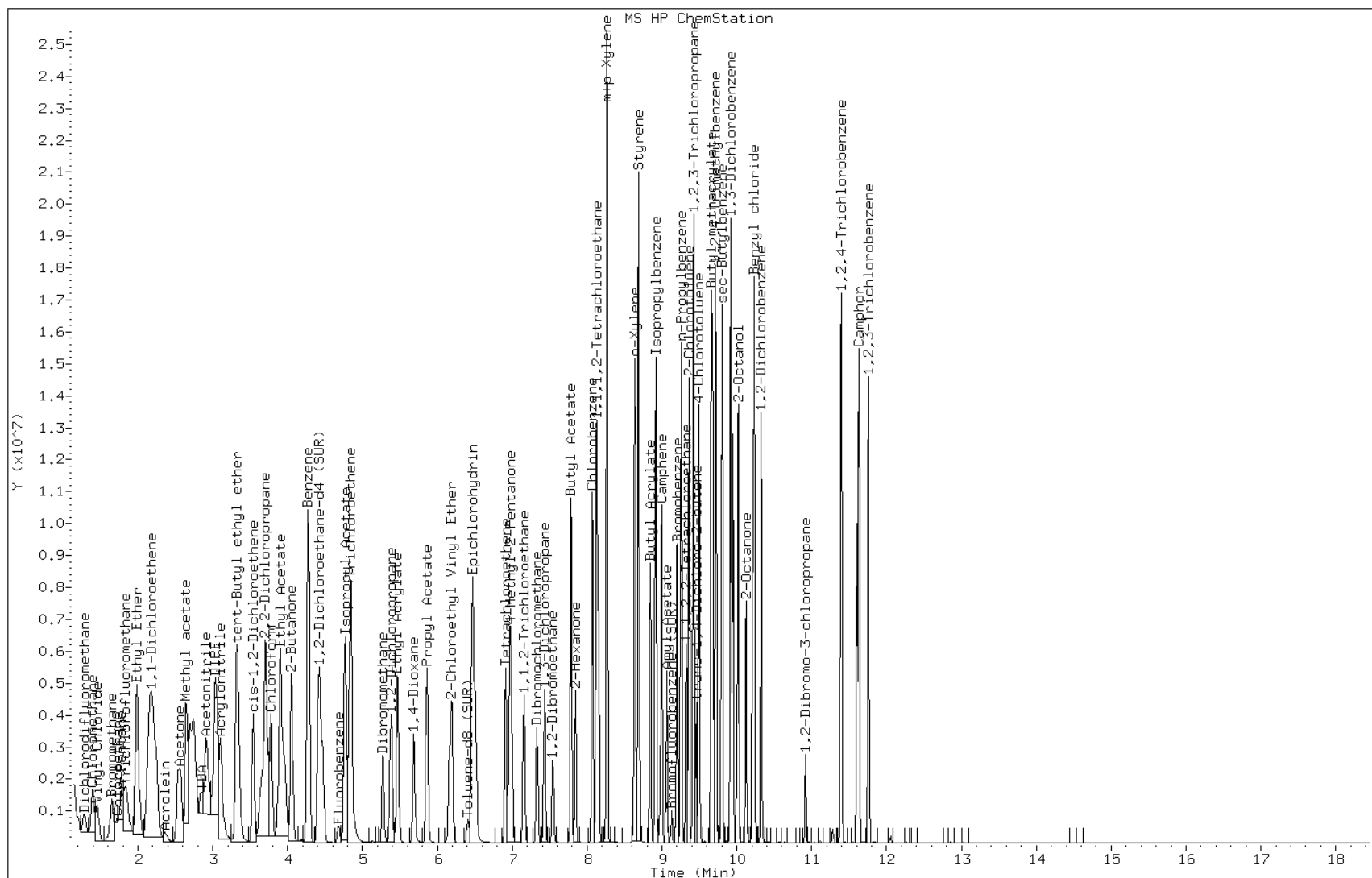
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
29 trans-1,3-Dichloropropene	75	6.989	6.989	(0.858)	2748952	500.000	480
27 1,1,2-Trichloroethane	83	7.154	7.154	(0.878)	1372302	500.000	440
35 Tetrachloroethene	166	6.910	6.910	(0.848)	1918070	500.000	430
103 1,3-Dichloropropane	76	7.433	7.426	(0.912)	2832769	500.000	460
34 2-Hexanone	43	7.841	7.841	(0.962)	2918731	1000.00	980(A)
26 Dibromochloromethane	129	7.333	7.326	(0.900)	1989180	500.000	510(A)
65 Butyl Acetate	43	7.784	7.784	(0.955)	7000999	1000.00	1100(A)
66 1,2-Dibromoethane	107	7.540	7.540	(0.925)	1689167	500.000	470
* 32 Chlorobenzene-d5	117	8.056	8.056	(1.000)	466092	50.0000	(H)
39 Chlorobenzene	112	8.071	8.071	(0.990)	5012567	500.000	440
97 1,1,1,2-Tetrachloroethane	131	8.149	8.142	(1.000)	2107622	500.000	460
40 Ethylbenzene	106	8.128	8.121	(0.997)	2617785	500.000	420
43 m+p-Xylene	106	8.264	8.264	(1.014)	6338915	1000.00	840
44 o-Xylene	106	8.636	8.636	(1.060)	3434092	500.000	440
42 Styrene	104	8.687	8.687	(1.066)	5279417	500.000	430
31 Bromoform	173	8.687	8.687	(1.066)	1352415	500.000	510(A)
110 Isopropylbenzene	105	8.916	8.909	(1.094)	8244323	500.000	430
\$ 41 Bromofluorobenzene (SUR)	174	9.131	9.131	(0.913)	213341	50.0000	51
150 Camphene	93	8.995	8.987	(0.899)	2574262	500.000	420
107 Bromobenzene	156	9.202	9.195	(0.920)	2140203	500.000	450
36 1,1,2,2-Tetrachloroethane	83	9.324	9.324	(0.932)	2408514	500.000	460
99 1,2,3-Trichloropropane	110	9.410	9.410	(0.941)	639302	500.000	430
143 trans-1,4-Dichloro-2-butene	53	9.460	9.460	(2.020)	578369	500.000	520(AH)
112 n-Propylbenzene	91	9.252	9.252	(0.925)	9915920	500.000	420
105 2-Chlorotoluene	91	9.360	9.360	(0.936)	6163208	500.000	440
106 4-Chlorotoluene	91	9.496	9.489	(0.949)	5945592	500.000	440
102 1,3,5-Trimethylbenzene	105	9.424	9.417	(0.942)	7493677	500.000	440
148 Butyl methacrylate	69	9.682	9.675	(0.968)	3593585	500.000	500
115 tert-Butylbenzene	119	9.661	9.661	(0.966)	6402829	500.000	460
100 1,2,4-Trimethylbenzene	105	9.718	9.718	(0.971)	7530196	500.000	440
151 2-Octanone	43	10.126	10.119	(1.012)	2852637	500.000	450
114 sec-Butylbenzene	105	9.804	9.797	(0.980)	9702713	500.000	440
67 1,3-Dichlorobenzene	146	9.947	9.947	(0.994)	3846476	500.000	430
* 91 1,4-Dichlorobenzene-d4	152	10.005	10.005	(1.000)	235355	50.0000	
68 1,4-Dichlorobenzene	146	10.019	10.012	(1.001)	3813420	500.000	420
113 p-Isopropyltoluene	119	9.919	9.911	(0.991)	8138086	500.000	440
69 1,2-Dichlorobenzene	146	10.327	10.327	(1.032)	3978580	500.000	430
117 Benzyl chloride	91	10.234	10.227	(1.023)	12261891	500.000	440
111 n-Butylbenzene	91	10.234	10.227	(1.023)	12261891	500.000	440
101 1,2-Dibromo-3-chloropropane	75	10.914	10.914	(1.091)	491085	500.000	470
152 Camphor	95	11.602	11.602	(1.160)	1827468	2500.00	2800(A)
93 1,2,4-Trichlorobenzene	180	11.401	11.401	(1.140)	3268224	500.000	420
94 Hexachlorobutadiene	225	11.387	11.387	(1.138)	1664755	500.000	450
70 Naphthalene	128	11.631	11.631	(1.163)	8294550	500.000	410
98 1,2,3-Trichlorobenzene	180	11.760	11.759	(1.175)	3278606	500.000	420
M 45 Xylene (Total)	100				9773007	1500.00	1300

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08988.d
Report Date: 17-May-2011 15:04

QC Flag Legend

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

Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08992.d
 Report Date: 17-May-2011 15:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08992.d
 Lab Smp Id: IC-VM8LCAL2
 Inj Date : 16-MAY-2011 12:48
 Operator : VOAMS 9
 Smp Info : IC-VM8LCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/8260L_10.m
 Meth Date : 17-May-2011 15:04 vibha
 Cal Date : 16-MAY-2011 12:48
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08992.d
 Calibration Sample, Level: 2
 Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						AMOUNTS	
		QUANT	SIG			CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100				43983	10.0000	11
90 Dichlorodifluoromethane	85	1.280	1.280	(0.274)	27983	5.00000	5.6
1 Chloromethane	50	1.359	1.373	(0.291)	32855	5.00000	5.2
4 Vinyl Chloride	62	1.431	1.438	(0.306)	34676	5.00000	5.5
3 Bromomethane	94	1.631	1.638	(0.349)	19431	5.00000	5.3
5 Chloroethane	64	1.681	1.695	(0.360)	16572	5.00000	5.7
9 Trichlorofluoromethane	101	1.832	1.831	(0.392)	34106	5.00000	5.2
121 n-Pentane	72	1.767	1.767	(0.378)	4482	5.00000	8.4
46 Ethyl Ether	59	1.982	1.989	(0.424)	15324	5.00000	5.2
119 Isoprene	67	1.968	1.975	(0.421)	28543	5.00000	5.5
47 Acrolein	56	2.355	2.362	(0.504)	147365	200.000	200
10 1,1-Dichloroethene	96	2.111	2.118	(0.452)	20644	5.00000	5.6
48 Freon TF	101	2.204	2.204	(0.471)	24777	5.00000	5.7
7 Acetone	58	2.570	2.576	(0.550)	7152	15.0000	20

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08992.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.211	2.225	(0.473)	42296	5.00000	5.4
8 Carbon Disulfide	76	2.133	2.140	(0.456)	82738	5.00000	5.3
50 Acetonitrile	41	2.913	2.920	(0.623)	60006	100.000	100
125 Methyl acetate	74	2.663	2.670	(0.569)	4577	5.00000	4.9
6 Methylene Chloride	84	2.519	2.526	(0.539)	24418	5.00000	5.4
51 TBA	59	2.842	2.841	(0.608)	57654	100.000	100
52 Acrylonitrile	53	3.150	3.157	(0.674)	155035	100.000	100
12 trans-1,2-Dichloroethene	96	2.634	2.641	(0.563)	21207	5.00000	5.4
53 MTBE	73	2.734	2.741	(0.585)	64870	5.00000	5.0
54 Hexane	56	2.691	2.698	(0.576)	17685	5.00000	5.4
11 1,1-Dichloroethane	63	3.100	3.099	(0.663)	35604	5.00000	5.4
57 Vinyl Acetate	43	3.314	3.321	(0.709)	25846	5.00000	4.8(H)
55 DIPE	45	3.021	3.028	(0.646)	69149	5.00000	5.0
149 tert-Butyl ethyl ether	59	3.314	3.314	(0.709)	68923	5.00000	5.0
104 2,2-Dichloropropane	77	3.630	3.629	(0.776)	33722	5.00000	5.6
13 cis-1,2-Dichloroethene	96	3.537	3.536	(0.756)	22776	5.00000	5.2
18 2-Butanone	72	4.052	4.052	(0.867)	7586	15.0000	9.3(a)
56 Ethyl Acetate	70	3.902	3.902	(0.835)	4324	10.0000	9.5
108 Bromochloromethane	128	3.694	3.701	(0.790)	11035	5.00000	5.2
15 Chloroform	83	3.773	3.780	(0.807)	35102	5.00000	5.3
20 1,1,1-Trichloroethane	97	3.945	3.945	(0.844)	33689	5.00000	5.4
59 Cyclohexane	56	3.694	3.701	(0.790)	43183	5.00000	5.5
21 Carbon Tetrachloride	117	3.880	3.880	(0.830)	32220	5.00000	5.2
92 1,1-Dichloropropene	75	4.045	4.052	(0.865)	28012	5.00000	5.6
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.403	4.403	(0.942)	143108	50.0000	48
28 Benzene	78	4.267	4.274	(0.913)	82067	5.00000	5.4
17 1,2-Dichloroethane	62	4.461	4.468	(0.954)	23370	5.00000	5.2
61 Isopropyl Acetate	43	4.761	4.761	(1.018)	72376	10.0000	9.7
140 tert-Amylmethyl Ether	73	4.410	4.410	(0.943)	61120	5.00000	4.9
* 69 Fluorobenzene	96	4.675	4.675	(1.000)	536455	50.0000	
62 n-Heptane	57	4.260	4.267	(0.529)	17668	5.00000	5.6
25 Trichloroethene	95	4.840	4.840	(1.035)	20598	5.00000	5.4
96 Ethyl Acrylate	55	5.463	5.463	(1.169)	22191	5.00000	4.8
126 Methyl cyclohexane	83	4.819	4.826	(1.031)	41470	5.00000	5.5
23 1,2-Dichloropropane	63	5.377	5.377	(1.150)	20262	5.00000	5.2
109 Dibromomethane	93	5.263	5.270	(1.126)	12101	5.00000	5.1
95 1,4-Dioxane	88	5.700	5.700	(1.219)	4993	100.000	110
146 Methyl methacrylate	69	5.685	5.685	(1.216)	12989	5.00000	4.9
64 Propyl Acetate	43	5.857	5.857	(1.253)	47013	10.0000	9.2
22 Bromodichloromethane	83	5.463	5.470	(1.169)	23776	5.00000	5.0
30 2-Chloroethyl Vinyl Ether	63	6.151	6.151	(1.316)	10341	5.00000	4.8
118 Epichlorohydrin	57	6.502	6.502	(1.391)	42303	100.000	96
24 cis-1,3-Dichloropropene	75	6.187	6.187	(1.323)	29483	5.00000	5.0
33 4-Methyl-2-Pentanone	43	6.960	6.960	(1.489)	57598	15.0000	15
\$ 37 Toluene-d8 (SUR)	98	6.402	6.402	(0.795)	504347	50.0000	49
38 Toluene	91	6.459	6.466	(0.802)	84377	5.00000	5.5
29 trans-1,3-Dichloropropene	75	6.982	6.989	(0.867)	24913	5.00000	4.9

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08992.d
 Report Date: 17-May-2011 15:04

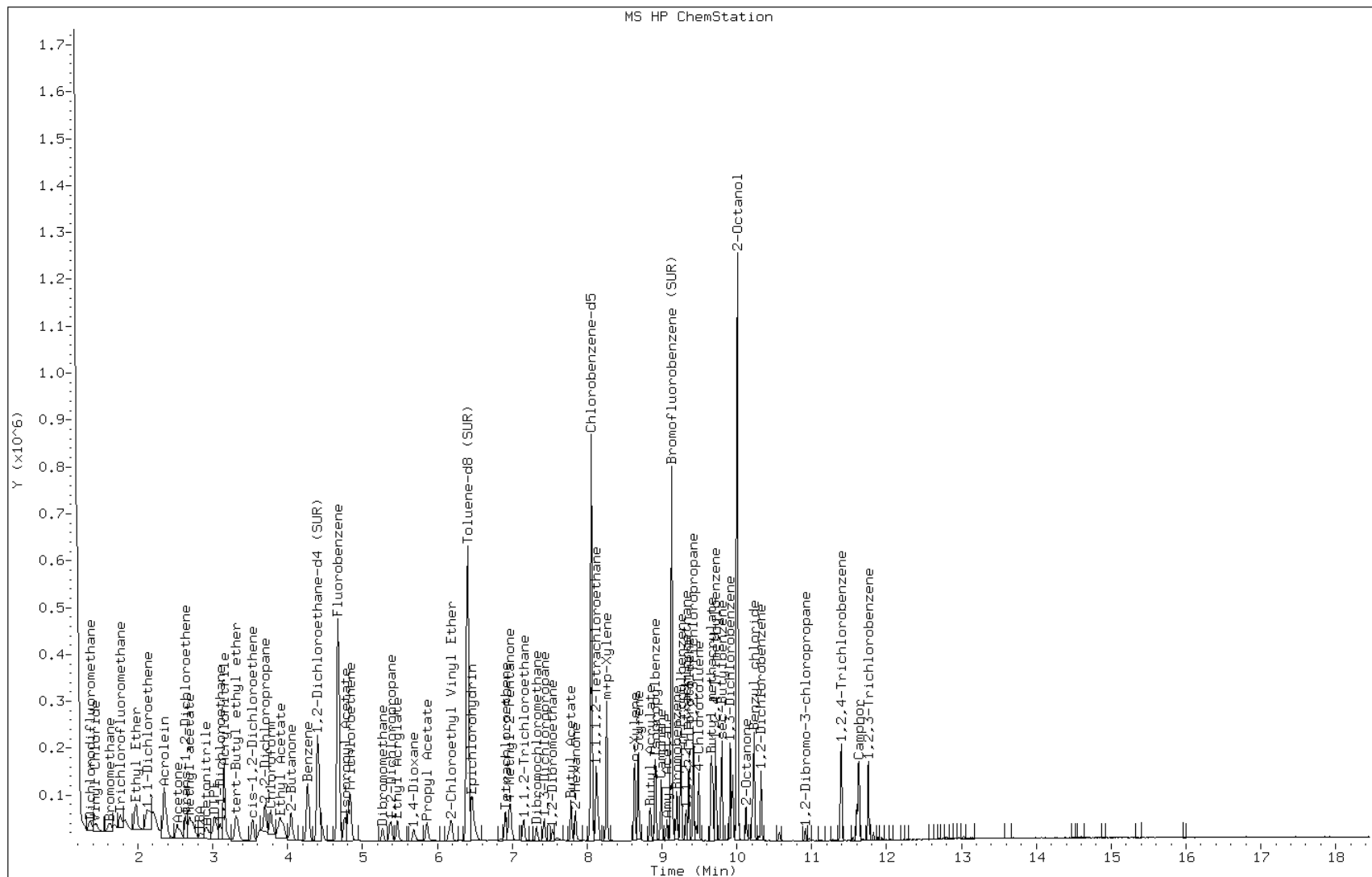
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.154	7.154	(0.888)	13577	5.00000	4.9
35 Tetrachloroethene	166	6.910	6.910	(0.858)	22298	5.00000	5.6
103 1,3-Dichloropropane	76	7.426	7.426	(0.922)	27693	5.00000	5.1
34 2-Hexanone	43	7.841	7.841	(0.973)	39700	15.0000	15
26 Dibromochloromethane	129	7.326	7.326	(0.909)	16208	5.00000	4.7
65 Butyl Acetate	43	7.784	7.784	(0.966)	54923	10.0000	9.4
66 1,2-Dibromoethane	107	7.541	7.540	(0.936)	15976	5.00000	5.0
* 32 Chlorobenzene-d5	117	8.056	8.056	(1.000)	412121	50.0000	
39 Chlorobenzene	112	8.071	8.071	(1.002)	54097	5.00000	5.4
97 1,1,1,2-Tetrachloroethane	131	8.142	8.142	(1.011)	20313	5.00000	5.0
40 Ethylbenzene	106	8.121	8.121	(1.008)	30349	5.00000	5.6
43 m+p-Xylene	106	8.264	8.264	(1.026)	75030	10.0000	11
44 o-Xylene	106	8.637	8.636	(1.072)	38169	5.00000	5.5
42 Styrene	104	8.687	8.687	(1.078)	56922	5.00000	5.3
31 Bromoform	173	8.687	8.687	(1.078)	10527	5.00000	4.5
110 Isopropylbenzene	105	8.909	8.909	(1.106)	93084	5.00000	5.5
\$ 41 Bromofluorobenzene (SUR)	174	9.131	9.131	(0.913)	189913	50.0000	49
150 Camphene	93	8.988	8.987	(0.898)	30206	5.00000	5.2
107 Bromobenzene	156	9.195	9.195	(0.919)	23483	5.00000	5.2
36 1,1,2,2-Tetrachloroethane	83	9.324	9.324	(0.932)	24804	5.00000	5.0
99 1,2,3-Trichloropropane	110	9.410	9.410	(0.941)	7060	5.00000	5.1
143 trans-1,4-Dichloro-2-butene	53	9.460	9.460	(2.023)	5700	5.00000	5.5(H)
112 n-Propylbenzene	91	9.253	9.252	(0.925)	120376	5.00000	5.4
105 2-Chlorotoluene	91	9.360	9.360	(0.936)	69916	5.00000	5.3
106 4-Chlorotoluene	91	9.489	9.489	(0.948)	69147	5.00000	5.5
102 1,3,5-Trimethylbenzene	105	9.417	9.417	(0.941)	84107	5.00000	5.3
148 Butyl methacrylate	69	9.675	9.675	(0.967)	33984	5.00000	5.0
115 tert-Butylbenzene	119	9.661	9.661	(0.966)	65877	5.00000	5.1
100 1,2,4-Trimethylbenzene	105	9.718	9.718	(0.971)	85338	5.00000	5.3
151 2-Octanone	43	10.127	10.119	(1.012)	30157	5.00000	5.0
114 sec-Butylbenzene	105	9.797	9.797	(0.979)	109247	5.00000	5.3
67 1,3-Dichlorobenzene	146	9.947	9.947	(0.994)	46001	5.00000	5.4
* 91 1,4-Dichlorobenzene-d4	152	10.005	10.005	(1.000)	220584	50.0000	
68 1,4-Dichlorobenzene	146	10.012	10.012	(1.001)	46770	5.00000	5.5
113 p-Isopropyltoluene	119	9.912	9.911	(0.991)	92047	5.00000	5.3
69 1,2-Dichlorobenzene	146	10.327	10.327	(1.032)	46090	5.00000	5.3
117 Benzyl chloride	91	10.227	10.227	(1.022)	138637	5.00000	5.3
111 n-Butylbenzene	91	10.227	10.227	(1.022)	138637	5.00000	5.3
101 1,2-Dibromo-3-chloropropane	75	10.914	10.914	(1.091)	4596	5.00000	4.7
152 Camphor	95	11.602	11.602	(1.160)	14478	25.0000	23
93 1,2,4-Trichlorobenzene	180	11.402	11.401	(1.140)	39856	5.00000	5.4
94 Hexachlorobutadiene	225	11.387	11.387	(1.138)	18137	5.00000	5.2
70 Naphthalene	128	11.631	11.631	(1.163)	98044	5.00000	5.2
98 1,2,3-Trichlorobenzene	180	11.760	11.759	(1.175)	39529	5.00000	5.4
M 45 Xylene (Total)	100				113199	15.0000	17

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08992.d
Report Date: 17-May-2011 15:04

QC Flag Legend

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

Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08994.d
 Report Date: 17-May-2011 15:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08994.d
 Lab Smp Id: ICIS-VM8LCAL3
 Inj Date : 16-MAY-2011 13:43
 Operator : VOAMS 9
 Smp Info : ICIS-VM8LCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/8260L_10.m
 Meth Date : 17-May-2011 15:04 vibha
 Cal Date : 16-MAY-2011 13:43
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08994.d
 Calibration Sample, Level: 3
 Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						AMOUNTS	
		QUANT	SIG			CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100				161721	40.0000	38
90 Dichlorodifluoromethane	85	1.280	1.280	(0.274)	102728	20.0000	20
1 Chloromethane	50	1.373	1.373	(0.294)	121692	20.0000	19
4 Vinyl Chloride	62	1.438	1.438	(0.307)	118378	20.0000	18
3 Bromomethane	94	1.638	1.638	(0.350)	69996	20.0000	19
5 Chloroethane	64	1.695	1.695	(0.363)	58982	20.0000	20
9 Trichlorofluoromethane	101	1.831	1.831	(0.392)	130652	20.0000	20
121 n-Pentane	72	1.767	1.767	(0.378)	14702	20.0000	27
46 Ethyl Ether	59	1.989	1.989	(0.425)	57522	20.0000	19
119 Isoprene	67	1.975	1.975	(0.422)	104986	20.0000	20
47 Acrolein	56	2.362	2.362	(0.505)	212902	300.000	280
10 1,1-Dichloroethene	96	2.118	2.118	(0.453)	74849	20.0000	20
48 Freon TF	101	2.204	2.204	(0.471)	88182	20.0000	20
7 Acetone	58	2.576	2.576	(0.551)	7882	20.0000	21

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08994.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.225	2.225	(0.476)	155420	20.0000	19
8 Carbon Disulfide	76	2.140	2.140	(0.458)	299659	20.0000	19
50 Acetonitrile	41	2.920	2.920	(0.625)	196795	400.000	340
125 Methyl acetate	74	2.670	2.670	(0.571)	17191	20.0000	18
6 Methylene Chloride	84	2.526	2.526	(0.540)	91060	20.0000	20
51 TBA	59	2.841	2.841	(0.608)	177968	400.000	300
52 Acrylonitrile	53	3.157	3.157	(0.675)	229432	150.000	140
12 trans-1,2-Dichloroethene	96	2.641	2.641	(0.565)	76539	20.0000	19
53 MTBE	73	2.741	2.741	(0.586)	241145	20.0000	18
54 Hexane	56	2.698	2.698	(0.577)	66928	20.0000	20
11 1,1-Dichloroethane	63	3.099	3.099	(0.663)	132998	20.0000	20
57 Vinyl Acetate	43	3.321	3.321	(0.710)	91399	20.0000	17(H)
55 DIPE	45	3.028	3.028	(0.648)	257028	20.0000	18
149 tert-Butyl ethyl ether	59	3.314	3.314	(0.709)	263564	20.0000	19
104 2,2-Dichloropropane	77	3.629	3.629	(0.776)	123247	20.0000	20
13 cis-1,2-Dichloroethene	96	3.536	3.536	(0.756)	85182	20.0000	19
18 2-Butanone	72	4.052	4.052	(0.867)	13143	20.0000	16
56 Ethyl Acetate	70	3.902	3.902	(0.835)	17541	40.0000	38
108 Bromochloromethane	128	3.701	3.701	(0.792)	43024	20.0000	20
15 Chloroform	83	3.780	3.780	(0.808)	131930	20.0000	20
20 1,1,1-Trichloroethane	97	3.945	3.945	(0.844)	126645	20.0000	20
59 Cyclohexane	56	3.701	3.701	(0.792)	157632	20.0000	20
21 Carbon Tetrachloride	117	3.880	3.880	(0.830)	123015	20.0000	19
92 1,1-Dichloropropene	75	4.052	4.052	(0.867)	104608	20.0000	20
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.403	4.403	(0.942)	148027	50.0000	49
28 Benzene	78	4.274	4.274	(0.914)	308360	20.0000	20
17 1,2-Dichloroethane	62	4.468	4.468	(0.956)	90845	20.0000	20
61 Isopropyl Acetate	43	4.761	4.761	(1.018)	280256	40.0000	37
140 tert-Amylmethyl Ether	73	4.410	4.410	(0.943)	234994	20.0000	18
* 69 Fluorobenzene	96	4.675	4.675	(1.000)	547818	50.0000	
62 n-Heptane	57	4.267	4.267	(0.530)	66443	20.0000	20
25 Trichloroethene	95	4.840	4.840	(1.035)	77835	20.0000	20
96 Ethyl Acrylate	55	5.463	5.463	(1.169)	86474	20.0000	18
126 Methyl cyclohexane	83	4.826	4.826	(1.032)	151125	20.0000	20
23 1,2-Dichloropropane	63	5.377	5.377	(1.150)	79512	20.0000	20
109 Dibromomethane	93	5.270	5.270	(1.127)	47734	20.0000	20
95 1,4-Dioxane	88	5.700	5.700	(1.219)	6707	150.000	140
146 Methyl methacrylate	69	5.685	5.685	(1.216)	49073	20.0000	18
64 Propyl Acetate	43	5.857	5.857	(1.253)	190977	40.0000	37
22 Bromodichloromethane	83	5.470	5.470	(1.170)	92804	20.0000	19
30 2-Chloroethyl Vinyl Ether	63	6.151	6.151	(1.316)	40294	20.0000	18
118 Epichlorohydrin	57	6.502	6.502	(1.391)	166071	400.000	370
24 cis-1,3-Dichloropropene	75	6.187	6.187	(1.323)	117361	20.0000	19
33 4-Methyl-2-Pentanone	43	6.960	6.960	(1.489)	74265	20.0000	19
\$ 37 Toluene-d8 (SUR)	98	6.402	6.402	(0.795)	518559	50.0000	49
38 Toluene	91	6.466	6.466	(0.803)	320327	20.0000	20
29 trans-1,3-Dichloropropene	75	6.989	6.989	(0.868)	101146	20.0000	19

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08994.d
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Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.154	7.154	(0.888)	54237	20.0000	19
35 Tetrachloroethene	166	6.910	6.910	(0.858)	83036	20.0000	20
103 1,3-Dichloropropane	76	7.426	7.426	(0.922)	109692	20.0000	20
34 2-Hexanone	43	7.841	7.841	(0.973)	53824	20.0000	20
26 Dibromochloromethane	129	7.326	7.326	(0.909)	67936	20.0000	19
65 Butyl Acetate	43	7.784	7.784	(0.966)	216784	40.0000	36
66 1,2-Dibromoethane	107	7.540	7.540	(0.936)	63967	20.0000	19
* 32 Chlorobenzene-d5	117	8.056	8.056	(1.000)	423909	50.0000	
39 Chlorobenzene	112	8.071	8.071	(1.002)	205260	20.0000	20
97 1,1,1,2-Tetrachloroethane	131	8.142	8.142	(1.011)	81574	20.0000	20
40 Ethylbenzene	106	8.121	8.121	(1.008)	113380	20.0000	20
43 m+p-Xylene	106	8.264	8.264	(1.026)	282594	40.0000	41
44 o-Xylene	106	8.636	8.636	(1.072)	145609	20.0000	20
42 Styrene	104	8.687	8.687	(1.078)	227301	20.0000	20
31 Bromoform	173	8.687	8.687	(1.078)	45912	20.0000	19
110 Isopropylbenzene	105	8.909	8.909	(1.106)	362273	20.0000	21
\$ 41 Bromofluorobenzene (SUR)	174	9.131	9.131	(0.913)	195182	50.0000	48
150 Camphene	93	8.987	8.987	(0.898)	114034	20.0000	19
107 Bromobenzene	156	9.195	9.195	(0.919)	92249	20.0000	20
36 1,1,2,2-Tetrachloroethane	83	9.324	9.324	(0.932)	96245	20.0000	19
99 1,2,3-Trichloropropane	110	9.410	9.410	(0.941)	27554	20.0000	19
143 trans-1,4-Dichloro-2-butene	53	9.460	9.460	(2.023)	18457	20.0000	17(H)
112 n-Propylbenzene	91	9.252	9.252	(0.925)	462665	20.0000	20
105 2-Chlorotoluene	91	9.360	9.360	(0.936)	270007	20.0000	20
106 4-Chlorotoluene	91	9.489	9.489	(0.948)	262191	20.0000	20
102 1,3,5-Trimethylbenzene	105	9.417	9.417	(0.941)	324878	20.0000	20
148 Butyl methacrylate	69	9.675	9.675	(0.967)	133884	20.0000	19
115 tert-Butylbenzene	119	9.661	9.661	(0.966)	258423	20.0000	19
100 1,2,4-Trimethylbenzene	105	9.718	9.718	(0.971)	331613	20.0000	20
151 2-Octanone	43	10.119	10.119	(1.011)	116643	20.0000	19
114 sec-Butylbenzene	105	9.797	9.797	(0.979)	425670	20.0000	20
67 1,3-Dichlorobenzene	146	9.947	9.947	(0.994)	175807	20.0000	20
* 91 1,4-Dichlorobenzene-d4	152	10.005	10.005	(1.000)	229203	50.0000	
68 1,4-Dichlorobenzene	146	10.012	10.012	(1.001)	173307	20.0000	20
113 p-Isopropyltoluene	119	9.911	9.911	(0.991)	358594	20.0000	20
69 1,2-Dichlorobenzene	146	10.327	10.327	(1.032)	176969	20.0000	20
117 Benzyl chloride	91	10.227	10.227	(1.022)	528528	20.0000	19
111 n-Butylbenzene	91	10.227	10.227	(1.022)	528528	20.0000	19
101 1,2-Dibromo-3-chloropropane	75	10.914	10.914	(1.091)	18325	20.0000	18
152 Camphor	95	11.602	11.602	(1.160)	53177	100.000	82
93 1,2,4-Trichlorobenzene	180	11.401	11.401	(1.140)	148916	20.0000	20
94 Hexachlorobutadiene	225	11.387	11.387	(1.138)	68921	20.0000	19
70 Naphthalene	128	11.631	11.631	(1.163)	366078	20.0000	18
98 1,2,3-Trichlorobenzene	180	11.759	11.759	(1.175)	147553	20.0000	19
M 45 Xylene (Total)	100				428203	60.0000	61

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08994.d
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QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: d08994.d

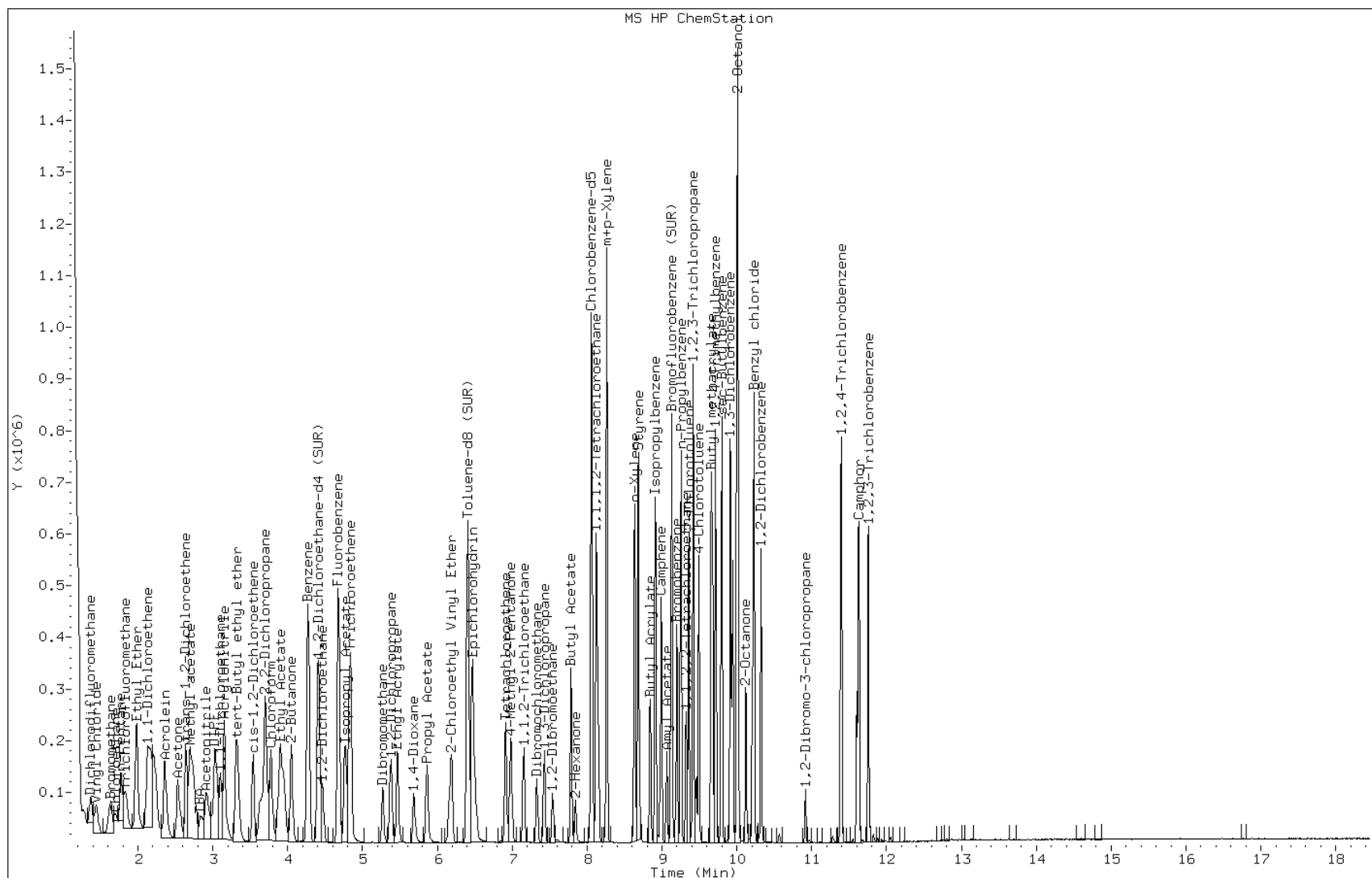
Date: 16-MAY-2011 13:43

Client ID:

Instrument: VOAMS4.i

Sample Info: ICIS-VM8LCAL3

Operator: VOAMS 9



Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08997.d
 Report Date: 17-May-2011 15:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08997.d
 Lab Smp Id: IC-VM8LCAL5
 Inj Date : 16-MAY-2011 16:13
 Operator : VOAMS 9
 Smp Info : IC-VM8LCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/8260L_10.m
 Meth Date : 17-May-2011 15:04 vibha
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 17
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08997.d
 Calibration Sample, Level: 5
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						AMOUNTS	
		QUANT	SIG			CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100				1551716	400.000	380
90 Dichlorodifluoromethane	85	1.273	1.280	(0.272)	1130328	200.000	230(A)
1 Chloromethane	50	1.380	1.373	(0.295)	1404211	200.000	230(A)
4 Vinyl Chloride	62	1.445	1.438	(0.309)	1352247	200.000	220(A)
3 Bromomethane	94	1.638	1.638	(0.350)	791957	200.000	220(A)
5 Chloroethane	64	1.710	1.695	(0.366)	638830	200.000	220(A)
9 Trichlorofluoromethane	101	1.825	1.831	(0.390)	1425042	200.000	220(A)
121 n-Pentane	72	1.767	1.767	(0.378)	116582	200.000	220
46 Ethyl Ether	59	1.982	1.989	(0.424)	572088	200.000	200
119 Isoprene	67	1.968	1.975	(0.421)	1016165	200.000	200
47 Acrolein	56	2.355	2.362	(0.504)	387604	500.000	540
10 1,1-Dichloroethene	96	2.118	2.118	(0.453)	726268	200.000	200
48 Freon TF	101	2.197	2.204	(0.470)	889424	200.000	210
7 Acetone	58	2.569	2.576	(0.550)	82811	200.000	230

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08997.d
 Report Date: 17-May-2011 15:04

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.233	2.225	(0.478)	1502953	200.000	200
8 Carbon Disulfide	76	2.161	2.140	(0.462)	3029218	200.000	200
50 Acetonitrile	41	2.913	2.920	(0.623)	2529779	4000.00	4600
125 Methyl acetate	74	2.663	2.670	(0.569)	186973	200.000	200
6 Methylene Chloride	84	2.527	2.526	(0.540)	879375	200.000	200
51 TBA	59	2.835	2.841	(0.606)	2600716	4000.00	4600
52 Acrylonitrile	53	3.150	3.157	(0.674)	394379	250.000	260
12 trans-1,2-Dichloroethene	96	2.634	2.641	(0.563)	736450	200.000	190
53 MTBE	73	2.741	2.741	(0.586)	2552735	200.000	200
54 Hexane	56	2.691	2.698	(0.576)	627932	200.000	200
11 1,1-Dichloroethane	63	3.100	3.099	(0.663)	1287113	200.000	200
57 Vinyl Acetate	43	3.314	3.321	(0.709)	1043450	200.000	200(H)
55 DIPE	45	3.028	3.028	(0.648)	2665682	200.000	200
149 tert-Butyl ethyl ether	59	3.314	3.314	(0.709)	2701334	200.000	200
104 2,2-Dichloropropane	77	3.644	3.629	(0.779)	1261792	200.000	210
13 cis-1,2-Dichloroethene	96	3.537	3.536	(0.756)	815266	200.000	190
18 2-Butanone	72	4.045	4.052	(0.865)	143585	200.000	200
56 Ethyl Acetate	70	3.895	3.902	(0.833)	190260	400.000	430(A)
108 Bromochloromethane	128	3.701	3.701	(0.792)	418639	200.000	200
15 Chloroform	83	3.773	3.780	(0.807)	1286626	200.000	200
20 1,1,1-Trichloroethane	97	3.945	3.945	(0.844)	1284221	200.000	210
59 Cyclohexane	56	3.701	3.701	(0.792)	1601498	200.000	210
21 Carbon Tetrachloride	117	3.880	3.880	(0.830)	1292391	200.000	210
92 1,1-Dichloropropene	75	4.045	4.052	(0.865)	1002491	200.000	200
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.403	4.403	(0.942)	144708	50.0000	50
28 Benzene	78	4.274	4.274	(0.914)	2955524	200.000	200
17 1,2-Dichloroethane	62	4.468	4.468	(0.956)	884566	200.000	200
61 Isopropyl Acetate	43	4.761	4.761	(1.018)	3134111	400.000	430
140 tert-Amylmethyl Ether	73	4.410	4.410	(0.943)	2504166	200.000	200
* 69 Fluorobenzene	96	4.675	4.675	(1.000)	523141	50.0000	
62 n-Heptane	57	4.260	4.267	(0.523)	664429	200.000	200
25 Trichloroethene	95	4.840	4.840	(1.035)	739790	200.000	200
96 Ethyl Acrylate	55	5.456	5.463	(1.167)	1005107	200.000	220
126 Methyl cyclohexane	83	4.826	4.826	(1.032)	1638332	200.000	220
23 1,2-Dichloropropane	63	5.377	5.377	(1.150)	773726	200.000	200
109 Dibromomethane	93	5.263	5.270	(1.126)	476715	200.000	210
95 1,4-Dioxane	88	5.707	5.700	(1.221)	11608	250.000	250(A)
146 Methyl methacrylate	69	5.678	5.685	(1.214)	567021	200.000	220
64 Propyl Acetate	43	5.857	5.857	(1.253)	2234394	400.000	450
22 Bromodichloromethane	83	5.463	5.470	(1.169)	974219	200.000	210
30 2-Chloroethyl Vinyl Ether	63	6.151	6.151	(1.316)	468967	200.000	220
118 Epichlorohydrin	57	6.502	6.502	(1.391)	1975344	4000.00	4600
24 cis-1,3-Dichloropropene	75	6.187	6.187	(1.323)	1216235	200.000	210
33 4-Methyl-2-Pentanone	43	6.960	6.960	(1.489)	884892	200.000	230
\$ 37 Toluene-d8 (SUR)	98	6.402	6.402	(0.786)	504054	50.0000	48
38 Toluene	91	6.459	6.466	(0.793)	3117965	200.000	200
29 trans-1,3-Dichloropropene	75	6.982	6.989	(0.857)	1090734	200.000	210

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08997.d
Report Date: 17-May-2011 15:04

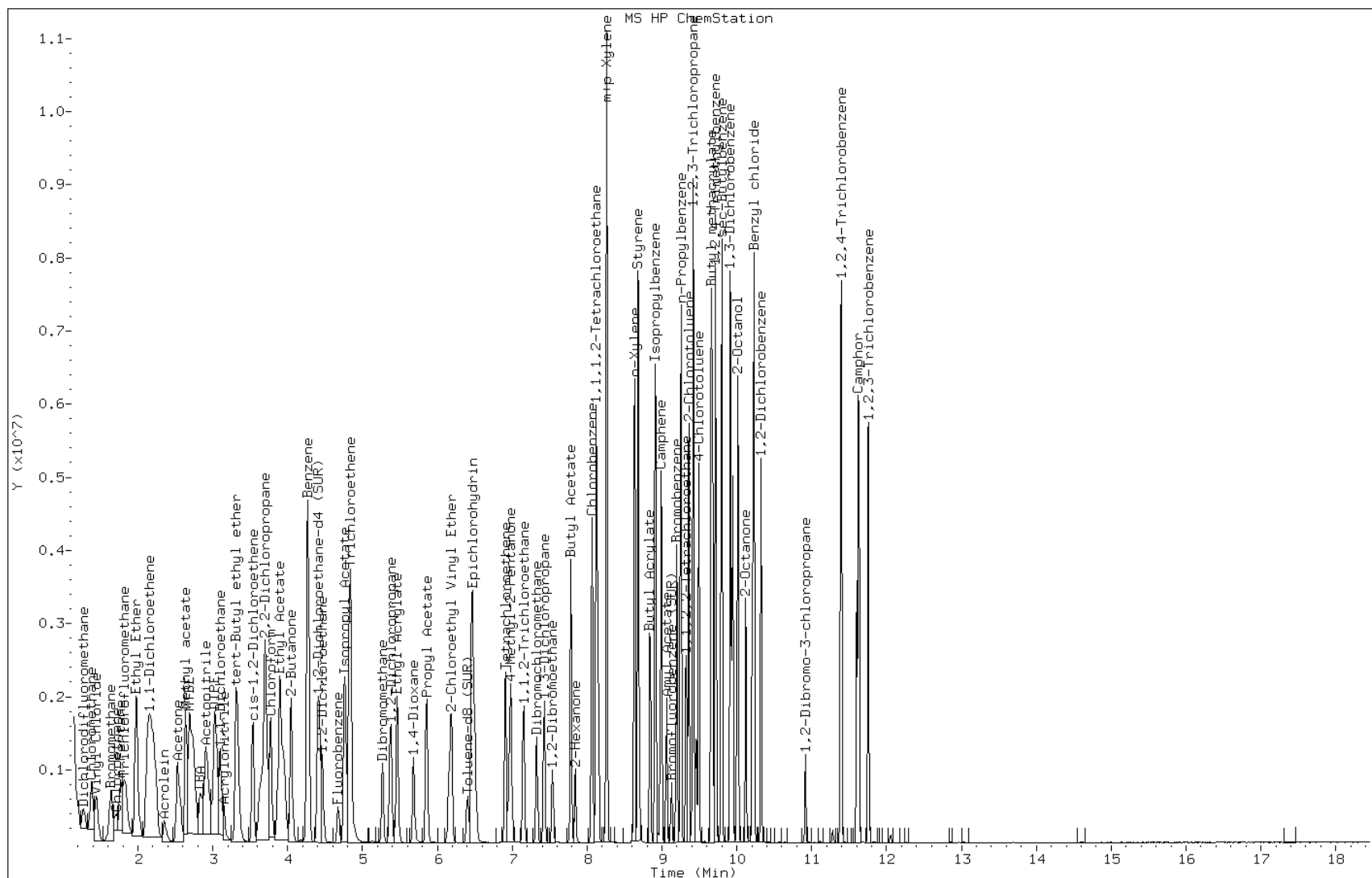
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.154	7.154	(0.879)	551430	200.000	190
35 Tetrachloroethene	166	6.910	6.910	(0.849)	807616	200.000	200
103 1,3-Dichloropropane	76	7.426	7.426	(0.912)	1131799	200.000	200
34 2-Hexanone	43	7.841	7.841	(0.963)	599363	200.000	220
26 Dibromochloromethane	129	7.326	7.326	(0.900)	767553	200.000	220
65 Butyl Acetate	43	7.784	7.784	(0.956)	2465499	400.000	420
66 1,2-Dibromoethane	107	7.541	7.540	(0.926)	681795	200.000	210
* 32 Chlorobenzene-d5	117	8.056	8.056	(1.000)	420643	50.0000	(H)
39 Chlorobenzene	112	8.071	8.071	(0.991)	2039106	200.000	200
97 1,1,1,2-Tetrachloroethane	131	8.142	8.142	(1.000)	855736	200.000	210
40 Ethylbenzene	106	8.121	8.121	(0.997)	1102185	200.000	200
43 m+p-Xylene	106	8.264	8.264	(1.015)	2740669	400.000	400
44 o-Xylene	106	8.637	8.636	(1.061)	1422678	200.000	200
42 Styrene	104	8.680	8.687	(1.066)	2190669	200.000	200
31 Bromoform	173	8.687	8.687	(1.067)	541988	200.000	220
110 Isopropylbenzene	105	8.909	8.909	(1.094)	3576023	200.000	200
\$ 41 Bromofluorobenzene (SUR)	174	9.131	9.131	(0.913)	185161	50.0000	51
150 Camphene	93	8.988	8.987	(0.898)	1210176	200.000	230
107 Bromobenzene	156	9.195	9.195	(0.919)	865832	200.000	210
36 1,1,2,2-Tetrachloroethane	83	9.324	9.324	(0.932)	1020054	200.000	220
99 1,2,3-Trichloropropane	110	9.410	9.410	(0.941)	277682	200.000	220
143 trans-1,4-Dichloro-2-butene	53	9.453	9.460	(2.022)	207591	200.000	200(H)
112 n-Propylbenzene	91	9.253	9.252	(0.925)	4418312	200.000	210
105 2-Chlorotoluene	91	9.360	9.360	(0.936)	2607350	200.000	210
106 4-Chlorotoluene	91	9.489	9.489	(0.948)	2468877	200.000	210
102 1,3,5-Trimethylbenzene	105	9.417	9.417	(0.941)	3232461	200.000	220
148 Butyl methacrylate	69	9.675	9.675	(0.967)	1333506	200.000	210
115 tert-Butylbenzene	119	9.661	9.661	(0.966)	2708651	200.000	220
100 1,2,4-Trimethylbenzene	105	9.718	9.718	(0.971)	3207917	200.000	210
151 2-Octanone	43	10.119	10.119	(1.011)	1183163	200.000	210
114 sec-Butylbenzene	105	9.797	9.797	(0.979)	4273989	200.000	220
67 1,3-Dichlorobenzene	146	9.940	9.947	(0.994)	1594801	200.000	200
* 91 1,4-Dichlorobenzene-d4	152	10.005	10.005	(1.000)	205432	50.0000	
68 1,4-Dichlorobenzene	146	10.012	10.012	(1.001)	1576291	200.000	200
113 p-Isopropyltoluene	119	9.912	9.911	(0.991)	3584666	200.000	220
69 1,2-Dichlorobenzene	146	10.327	10.327	(1.032)	1636495	200.000	200
117 Benzyl chloride	91	10.227	10.227	(1.022)	5282970	200.000	220
111 n-Butylbenzene	91	10.227	10.227	(1.022)	5282970	200.000	220
101 1,2-Dibromo-3-chloropropane	75	10.914	10.914	(1.091)	206718	200.000	230
152 Camphor	95	11.602	11.602	(1.160)	658806	1000.00	1100
93 1,2,4-Trichlorobenzene	180	11.402	11.401	(1.140)	1414531	200.000	210
94 Hexachlorobutadiene	225	11.387	11.387	(1.138)	712503	200.000	220
70 Naphthalene	128	11.631	11.631	(1.163)	3611427	200.000	200
98 1,2,3-Trichlorobenzene	180	11.760	11.759	(1.175)	1422144	200.000	210
M 45 Xylene (Total)	100				4163347	600.000	600

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08997.d
Report Date: 17-May-2011 15:04

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- H - Operator selected an alternate compound hit.

Operator: VOAMS 9



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-78833/2 Calibration Date: 07/05/2011 08:08

Instrument ID: VOAMS1 Calib Start Date: 05/21/2011 03:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/21/2011 04:58

Lab File ID: a65652.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3373	0.2642		15.7	20.0	-21.7	50.0
Chloromethane	Ave	0.4928	0.4266	0.1000	17.3	20.0	-13.4	50.0
Vinyl chloride	Ave	0.4711	0.4113		17.5	20.0	-12.7	20.0
Bromomethane	Ave	0.2728	0.2601		19.1	20.0	-4.6	50.0
Chloroethane	Ave	0.2724	0.2612		19.2	20.0	-4.1	50.0
n-Pentane	Ave	0.0554	0.0565		20.4	20.0	2.0	50.0
Trichlorofluoromethane	Ave	0.4734	0.4880		20.6	20.0	3.1	50.0
Ethyl ether	Ave	0.2733	0.2649		19.4	20.0	-3.1	50.0
Isopropene	Ave	0.4805	0.4483		18.7	20.0	-6.7	50.0
Acrolein	LinF	0.0525	0.0417		43.7	40.0	9.2	99.0
1,1-Dichloroethene	Ave	0.2624	0.2635		20.1	20.0	0.4	20.0
Freon TF	Ave	0.2900	0.2965		20.4	20.0	2.2	50.0
Acetone	Ave	0.0844	0.0782		18.5	20.0	-7.3	50.0
Iodomethane	Ave	0.4664	0.4436		19.0	20.0	-4.9	50.0
Carbon disulfide	Ave	1.055	1.008		19.1	20.0	-4.5	50.0
Isopropanol	Ave	0.0184	0.0149		2430	3000	-19.0	50.0
Methyl acetate	Ave	0.0643	0.0696		21.6	20.0	8.2	50.0
Acetonitrile	Ave	0.0065	0.0055		337	400	-15.6	50.0
Methylene Chloride	LinF	0.3558	0.3265		21.3	20.0	6.7	50.0
TBA	Ave	0.0301	0.0264		350	400	-12.5	50.0
MTBE	Ave	0.9421	0.8232		17.5	20.0	-12.6	50.0
trans-1,2-Dichloroethene	Ave	0.3033	0.2843		18.8	20.0	-6.2	50.0
Acrylonitrile	Ave	0.1211	0.0679		11.2	20.0	-43.9	50.0
DIPE	Ave	1.183	1.066		18.0	20.0	-9.9	50.0
Vinyl acetate	Ave	0.6871	0.8229		24.0	20.0	19.8	50.0
1,1-Dichloroethane	Ave	0.5531	0.5596	0.1000	20.2	20.0	1.2	50.0
Tert-butyl ethyl ether	Ave	1.094	0.9760	0.0100	17.8	20.0	-10.8	50.0
2,2-Dichloropropane	Ave	0.3651	0.4786		26.2	20.0	31.1	50.0
cis-1,2-Dichloroethene	Ave	0.3235	0.3116		19.3	20.0	-3.7	50.0
2-Butanone	Ave	0.0314	0.0320		20.4	20.0	1.9	50.0
Ethyl acetate	Ave	0.0275	0.0255		37.0	40.0	-7.4	50.0
Bromochloromethane	Ave	0.1461	0.1386		19.0	20.0	-5.1	50.0
Tetrahydrofuran	LinF	0.0970	0.0831		20.9	20.0	4.7	50.0
Chloroform	Ave	0.5051	0.5190		20.5	20.0	2.7	20.0
Cyclohexane	Ave	0.6303	0.5304		16.8	20.0	-15.8	50.0
1,1,1-Trichloroethane	Ave	0.4743	0.4564		19.2	20.0	-3.8	50.0
Carbon tetrachloride	Ave	0.3810	0.3618		19.0	20.0	-5.0	50.0
1,1-Dichloropropene	Ave	0.4161	0.3878		18.6	20.0	-6.8	50.0
Benzene	Ave	1.640	1.567		19.1	20.0	-4.5	50.0
Tert-amyl methyl ether	Ave	0.9424	0.8217		17.4	20.0	-12.8	50.0
Isopropyl acetate	Ave	0.7213	0.7088		39.3	40.0	-1.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-78833/2 Calibration Date: 07/05/2011 08:08

Instrument ID: VOAMS1 Calib Start Date: 05/21/2011 03:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/21/2011 04:58

Lab File ID: a65652.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
1,2-Dichloroethane	Ave	0.3866	0.3956		20.5	20.0	2.3	50.0
Trichloroethene	Ave	0.3132	0.2920		18.6	20.0	-6.8	50.0
Methylcyclohexane	Ave	0.5684	0.5277		18.6	20.0	-7.1	50.0
Ethyl acrylate	Ave	0.8299	0.7982		19.2	20.0	-3.8	50.0
1,2-Dichloropropane	Ave	0.3236	0.3136		19.4	20.0	-3.1	20.0
Methyl methacrylate	Ave	0.0700	0.0561		16.0	20.0	-19.9	50.0
1,4-Dioxane	Ave	0.0031	0.0018		87.9	150	-41.4	50.0
Dibromomethane	Ave	0.1656	0.1700		20.5	20.0	2.7	50.0
Propyl acetate	Ave	0.3983	0.3869		38.9	40.0	-2.9	50.0
Bromodichloromethane	Ave	0.3846	0.3822		19.9	20.0	-0.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1861	0.1503		16.2	20.0	-19.2	50.0
Epichlorohydrin	Ave	0.0332	0.0314		378	400	-5.6	50.0
cis-1,3-Dichloropropene	Ave	0.6102	0.6014		19.7	20.0	-1.4	50.0
4-Methyl-2-pentanone	Ave	0.4060	0.3502		17.2	20.0	-13.8	50.0
Toluene	Ave	1.785	1.689		18.9	20.0	-5.4	20.0
trans-1,3-Dichloropropene	Ave	0.5636	0.5190		18.4	20.0	-7.9	50.0
1,1,2-Trichloroethane	Ave	0.2810	0.2733		19.5	20.0	-2.7	50.0
Tetrachloroethene	Ave	0.3733	0.3491		18.7	20.0	-6.5	50.0
1,3-Dichloropropane	Ave	0.6029	0.5499		18.2	20.0	-8.8	50.0
2-Hexanone	Ave	0.2703	0.2084		15.4	20.0	-22.9	50.0
Dibromochloromethane	Ave	0.3471	0.3181		18.3	20.0	-8.4	50.0
1,2-Dibromoethane	Ave	0.3166	0.3002		19.0	20.0	-5.2	50.0
Chlorobenzene	Ave	1.061	1.029	0.3000	19.4	20.0	-3.0	50.0
Ethylbenzene	Ave	0.6053	0.5460		18.0	20.0	-9.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3861	0.3631		18.8	20.0	-5.9	50.0
m&p-Xylene	Ave	0.7601	0.6837		36.0	40.0	-10.1	50.0
o-Xylene	Ave	0.7675	0.6870		17.9	20.0	-10.5	50.0
Styrene	Ave	1.290	1.173		18.2	20.0	-9.1	50.0
Bromoform	Ave	0.2023	0.1659	0.1000	16.4	20.0	-18.0	50.0
Isopropylbenzene	Ave	1.796	1.657		18.5	20.0	-7.7	50.0
Camphene, Total	LinF	0.9045	0.6798		18.4	20.0	-7.9	50.0
Monobromobenzene	Ave	0.8452	0.5923		14.0	20.0	-29.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7116	0.6503	0.3000	18.3	20.0	-8.6	50.0
N-Propylbenzene	Ave	4.449	3.439		15.5	20.0	-22.7	50.0
1,2,3-Trichloropropane	Ave	0.2309	0.1750		15.2	20.0	-24.2	50.0
2-Chlorotoluene	Ave	2.680	1.979		14.8	20.0	-26.2	50.0
1,3,5-Trimethylbenzene	Ave	3.200	2.267		14.2	20.0	-29.2	50.0
4-Chlorotoluene	Ave	2.797	2.070		14.8	20.0	-26.0	50.0
Butyl Methacrylate	Ave	1.252	0.8532		13.6	20.0	-31.9	50.0
tert-Butylbenzene	Ave	2.684	1.862		13.9	20.0	-30.6	50.0
1,2,4-Trimethylbenzene	Ave	3.268	2.364		14.5	20.0	-27.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-78833/2 Calibration Date: 07/05/2011 08:08
 Instrument ID: VOAMS1 Calib Start Date: 05/21/2011 03:20
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/21/2011 04:58
 Lab File ID: a65652.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
sec-Butylbenzene	Ave	4.106	3.229		15.7	20.0	-21.4	50.0
p-Isopropyltoluene	Ave	3.472	2.553		14.7	20.0	-26.5	50.0
1,3-Dichlorobenzene	Ave	1.722	1.278		14.8	20.0	-25.8	50.0
1,4-Dichlorobenzene	Ave	1.739	1.295		14.9	20.0	-25.5	50.0
n-Butylbenzene	Ave	3.402	2.695		15.8	20.0	-20.8	50.0
1,2-Dichlorobenzene	Ave	1.676	1.261		15.0	20.0	-24.8	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1563	0.1136		14.5	20.0	-27.3	50.0
1,2,4-Trichlorobenzene	Ave	1.181	0.9025		15.3	20.0	-23.6	50.0
Hexachlorobutadiene	QuaF	0.5833	0.4198		10.1	20.0	-49.7	50.0
Naphthalene	Ave	2.407	1.915		15.9	20.0	-20.5	50.0
1,2,3-Trichlorobenzene	Ave	0.8901	0.7372		16.6	20.0	-17.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2762	0.2805		50.8	50.0	1.6	50.0
Toluene-d8 (Surr)	Ave	1.219	1.303		53.5	50.0	6.9	50.0
Bromofluorobenzene	Ave	0.7313	0.5967		40.8	50.0	-18.4	50.0

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65652.d
 Report Date: 05-Jul-2011 08:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65652.d
 Lab Smp Id: CCVIS
 Inj Date : 05-JUL-2011 08:08
 Operator : VOA GC/MS1
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
 Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
 Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
 Als bottle: 1 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	1.145	1.139	(0.259)	47225	20.0000	16
3 Chloromethane	50	1.273	1.261	(0.288)	76259	20.0000	17
4 Vinyl Chloride	62	1.347	1.340	(0.305)	73525	20.0000	17
6 Bromomethane	94	1.560	1.554	(0.353)	46496	20.0000	19
5 Chloroethane	64	1.615	1.609	(0.365)	46696	20.0000	19
7 Trichlorofluoromethane	101	1.798	1.785	(0.407)	87226	20.0000	21
8 n-Pentane	72	1.792	1.785	(0.405)	10098	20.0000	20
10 Isoprene	67	1.993	1.974	(0.451)	80130	20.0000	19
11 Ethyl Ether	59	1.968	1.956	(0.445)	47349	20.0000	19
13 Acrolein	56	2.133	2.121	(0.483)	14921	40.0000	44
15 1,1-Dichloroethene	96	2.170	2.163	(0.491)	47103	20.0000	20
14 Freon TF	101	2.170	2.163	(0.491)	52996	20.0000	20
16 Acetone	43	2.249	2.243	(0.509)	13982	20.0000	18
17 Iodomethane	142	2.310	2.304	(0.523)	79292	20.0000	19
18 Carbon Disulfide	76	2.340	2.334	(0.530)	180187	20.0000	19
19 Isopropanol	45	2.365	2.346	(0.535)	398926	3000.00	2400

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65652.d
 Report Date: 05-Jul-2011 08:31

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.541	2.529	(0.575)	19524	400.000	340
27 Methyl Acetate	74	2.493	2.480	(0.564)	12440	20.0000	22
22 Methylene Chloride	84	2.602	2.590	(0.589)	58369	20.0000	21
24 TBA	59	2.688	2.676	(0.608)	94191	400.000	350
25 trans-1,2-Dichloroethene	96	2.773	2.761	(0.628)	50824	20.0000	19
26 Acrylonitrile	53	2.840	2.834	(0.643)	12140	20.0000	11
28 MTBE	73	2.755	2.755	(0.623)	147156	20.0000	17
30 1,1-Dichloroethane	63	3.133	3.127	(0.709)	100029	20.0000	20
31 Vinyl Acetate	43	3.127	3.127	(0.708)	147098	20.0000	24
32 DIPE	45	3.121	3.121	(0.706)	190571	20.0000	18
34 n-Propanol	60	3.242	3.224	(0.734)	16781	3000.00	1900
35 t-Butyl-ethyl-ether	59	3.401	3.401	(0.770)	174460	20.0000	18
37 2,2-Dichloropropane	77	3.572	3.566	(0.808)	85554	20.0000	26
36 cis-1,2-Dichloroethene	96	3.584	3.578	(0.811)	55707	20.0000	19
38 2-Butanone	72	3.602	3.596	(0.815)	5718	20.0000	20
39 Ethyl Acetate	70	3.614	3.608	(0.818)	9102	40.0000	37
40 Bromochloromethane	128	3.767	3.761	(0.852)	24782	20.0000	19
41 Tetrahydrofuran	42	3.773	3.761	(0.854)	14847	20.0000	21
42 Chloroform	83	3.822	3.816	(0.865)	92775	20.0000	20
43 1,1,1-Trichloroethane	97	3.925	3.931	(0.888)	81578	20.0000	19
44 Cyclohexane	56	3.919	3.919	(0.887)	94815	20.0000	17
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	64673	20.0000	19
46 1,1-Dichloropropene	75	4.047	4.041	(0.916)	69328	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.206	(0.953)	125385	50.0000	51
48 Benzene	78	4.200	4.194	(0.603)	213679	20.0000	19
49 1,2-Dichloroethane	62	4.273	4.267	(0.967)	70722	20.0000	20
50 t-Amyl-methyl-ether	73	4.261	4.261	(0.964)	146888	20.0000	17
61 Isopropyl Acetate	43	4.267	4.261	(0.966)	253408	40.0000	39
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	446895	50.0000	
54 Trichloroethene	95	4.681	4.681	(1.059)	52198	20.0000	19
56 Methyl cyclohexane	83	4.773	4.773	(1.080)	94336	20.0000	18
55 Ethyl Acrylate	55	4.779	4.773	(1.081)	142679	20.0000	19
57 1,2-Dichloropropane	63	4.888	4.882	(1.106)	56058	20.0000	19
58 Dibromomethane	93	4.980	4.974	(1.127)	30391	20.0000	20
60 1,4-Dioxane	88	4.980	4.974	(1.127)	2431	150.000	88
59 Methyl Methacrylate	100	4.956	4.949	(1.121)	10021	20.0000	16
75 Propyl Acetate	43	4.992	4.992	(1.130)	138330	40.0000	39
68 Bromodichloromethane	83	5.090	5.090	(1.152)	68314	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	26861	20.0000	16
63 Epichlorohydrin	57	5.388	5.388	(0.774)	85636	400.000	380
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	82019	20.0000	20
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	47764	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	444441	50.0000	53
66 Toluene	91	5.657	5.657	(0.813)	230331	20.0000	19
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	70783	20.0000	18
69 1,1,2-Trichloroethane	83	6.089	6.090	(0.875)	37273	20.0000	19
71 Tetrachloroethene	166	6.126	6.126	(0.880)	47607	20.0000	19

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65652.d
 Report Date: 05-Jul-2011 08:31

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	75003	20.0000	18
73 2-Hexanone	43	6.315	6.315	(0.907)	28416	20.0000	15
74 Dibromochloromethane	129	6.455	6.455	(0.927)	43378	20.0000	18
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	40949	20.0000	19
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	340970	50.0000	
79 Chlorobenzene	112	6.986	6.986	(1.004)	140328	20.0000	19
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	49523	20.0000	19
81 Ethylbenzene	106	7.047	7.053	(1.012)	74461	20.0000	18
82 m+p-Xylene	106	7.144	7.144	(1.026)	186499	40.0000	36
84 o-Xylene	106	7.437	7.437	(1.068)	93698	20.0000	18
85 Styrene	104	7.455	7.461	(1.071)	159966	20.0000	18
86 Bromoform	173	7.601	7.601	(1.092)	22625	20.0000	16
88 Isopropylbenzene	105	7.681	7.681	(1.103)	225954	20.0000	18
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.920)	138017	50.0000	41
90 Camphene (total)	93	7.821	7.827	(1.123)	92715	20.0000	18
91 Bromobenzene	156	7.900	7.900	(0.930)	54793	20.0000	14
92 1,1,2,2-Tetrachloroethane	83	7.924	7.931	(0.933)	60162	20.0000	18
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.937)	16190	20.0000	15
95 n-Propylbenzene	91	7.943	7.943	(0.935)	318190	20.0000	15
96 2-Chlorotoluene	91	8.010	8.010	(0.943)	183042	20.0000	15
97 1,3,5-Trimethylbenzene	105	8.053	8.059	(0.948)	209702	20.0000	14
98 4-Chlorotoluene	91	8.083	8.083	(0.952)	191488	20.0000	15
99 Butyl Methacrylate	87	8.113	8.114	(0.955)	78931	20.0000	14
100 tert-Butylbenzene	119	8.235	8.235	(0.970)	172300	20.0000	14
101 1,2,4-Trimethylbenzene	105	8.272	8.272	(0.974)	218671	20.0000	14
103 sec-Butylbenzene	105	8.363	8.357	(0.985)	298691	20.0000	16
105 1,3-Dichlorobenzene	146	8.449	8.443	(0.995)	118237	20.0000	15
107 p-Isopropyltoluene	119	8.443	8.443	(0.994)	236226	20.0000	15
* 108 1,4-Dichlorobenzene-d4	152	8.491	8.485	(1.000)	231284	50.0000	
109 1,4-Dichlorobenzene	146	8.504	8.498	(1.001)	119805	20.0000	15
106 n-Butylbenzene	91	8.662	8.656	(1.020)	249359	20.0000	16
111 1,2-Dichlorobenzene	146	8.705	8.699	(1.025)	116613	20.0000	15
112 1,2-Dibromo-3-chloropropane	75	9.125	9.107	(1.075)	10512	20.0000	14
114 1,2,4-Trichlorobenzene	180	9.570	9.558	(1.127)	83492	20.0000	15
115 Hexachlorobutadiene	225	9.638	9.619	(1.135)	38835	20.0000	10
116 Naphthalene	128	9.735	9.717	(1.146)	177162	20.0000	16
117 1,2,3-Trichlorobenzene	180	9.894	9.881	(1.165)	68201	20.0000	16
M 120 1,2-Dichloroethene (Total)	100				106531	40.0000	38
M 121 Xylene (Total)	100				280197	60.0000	54

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-78823/2 Calibration Date: 07/05/2011 09:03

Instrument ID: VOAMS4 Calib Start Date: 05/16/2011 09:31

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/16/2011 16:13

Lab File ID: d10671.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4657	0.3801		16.3	20.0	-18.4	50.0
Chloromethane	Ave	0.5926	0.4631	0.1000	15.6	20.0	-21.9	50.0
Vinyl chloride	Ave	0.5838	0.4995		17.1	20.0	-14.4	20.0
Bromomethane	Ave	0.3412	0.3411		20.0	20.0	-0.0	50.0
Chloroethane	Ave	0.2723	0.2722		20.0	20.0	-0.0	50.0
n-Pentane	LinF	0.0606	0.0565		22.6	20.0	12.9	50.0
Trichlorofluoromethane	Ave	0.6095	0.6827		22.4	20.0	12.0	50.0
Isopropene	Ave	0.4827	0.4202		17.4	20.0	-13.0	50.0
Ethyl ether	Ave	0.2769	0.2529		18.3	20.0	-8.7	50.0
1,1-Dichloroethene	Ave	0.3418	0.3481		20.4	20.0	1.9	20.0
Carbon disulfide	Ave	1.449	1.442		19.9	20.0	-0.5	50.0
Freon TF	Ave	0.4023	0.3992		19.8	20.0	-0.8	50.0
Iodomethane	Ave	0.7336	0.4072		11.1	20.0	-44.5	50.0
Acrolein	Ave	0.0692	0.0723		313	300	4.5	99.0
Methylene Chloride	Ave	0.4249	0.3864		18.2	20.0	-9.1	50.0
Acetone	LinF	0.0403	0.0351		20.8	20.0	4.1	50.0
trans-1,2-Dichloroethene	Ave	0.3651	0.3249		17.8	20.0	-11.0	50.0
Methyl acetate	Ave	0.0875	0.0869		19.9	20.0	-0.7	50.0
Hexane	Ave	0.3072	0.3091		20.1	20.0	0.6	50.0
MTBE	Ave	1.204	1.048		17.4	20.0	-13.0	50.0
TBA	Ave	0.0537	0.0412		307	400	-23.1	50.0
Acetonitrile	Ave	0.0530	0.0372		281	400	-29.9	50.0
DIPE	Ave	1.281	1.031		16.1	20.0	-19.5	50.0
1,1-Dichloroethane	Ave	0.6147	0.5131	0.1000	16.7	20.0	-16.5	50.0
Acrylonitrile	Ave	0.1451	0.1378		142	150	-5.0	50.0
Tert-butyl ethyl ether	Ave	1.292	1.082	0.0100	16.8	20.0	-16.2	50.0
Vinyl acetate	Ave	0.4856	0.3349		13.8	20.0	-31.0	50.0
cis-1,2-Dichloroethene	Ave	0.4077	0.3453		16.9	20.0	-15.3	50.0
2,2-Dichloropropane	Ave	0.5642	0.4210		14.9	20.0	-25.4	50.0
Cyclohexane	Ave	0.7296	0.6279		17.2	20.0	-13.9	50.0
Bromochloromethane	Ave	0.1966	0.1852		18.8	20.0	-5.8	50.0
Chloroform	Ave	0.6116	0.5430		17.8	20.0	-11.2	20.0
Carbon tetrachloride	Ave	0.5771	0.5499		19.1	20.0	-4.7	50.0
Ethyl acetate	Ave	0.0423	0.0371		35.0	40.0	-12.4	50.0
1,1,1-Trichloroethane	Ave	0.5756	0.4912		17.1	20.0	-14.7	50.0
1,1-Dichloropropene	Ave	0.4702	0.4031		17.1	20.0	-14.3	50.0
2-Butanone	QuaF	0.0550	0.0582		15.4	20.0	-23.0	50.0
Benzene	Ave	1.408	1.214		17.2	20.0	-13.8	50.0
n-Heptane	Ave	0.3860	0.3631		18.8	20.0	-5.9	50.0
Tert-amyl methyl ether	Ave	1.166	0.9638		16.5	20.0	-17.4	50.0
1,2-Dichloroethane	Ave	0.4192	0.3457		16.5	20.0	-17.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-78823/2 Calibration Date: 07/05/2011 09:03

Instrument ID: VOAMS4 Calib Start Date: 05/16/2011 09:31

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/16/2011 16:13

Lab File ID: d10671.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.6937	0.5921		34.1	40.0	-14.6	50.0
Methylcyclohexane	Ave	0.6991	0.6252		17.9	20.0	-10.6	50.0
Trichloroethene	Ave	0.3544	0.3202		18.1	20.0	-9.6	50.0
Dibromomethane	Ave	0.2212	0.1971		17.8	20.0	-10.9	50.0
1,2-Dichloropropane	Ave	0.3598	0.3007		16.7	20.0	-16.4	20.0
Ethyl acrylate	Ave	0.4316	0.3505		16.2	20.0	-18.8	50.0
Bromodichloromethane	Ave	0.4398	0.4005		18.2	20.0	-8.9	50.0
Methyl methacrylate	Ave	0.2455	0.2068		16.8	20.0	-15.8	50.0
1,4-Dioxane	Ave	0.0044	0.0034		115	150	-23.5	50.0
Propyl acetate	Ave	0.4741	0.3998		33.7	40.0	-15.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2025	0.1688		16.7	20.0	-16.7	50.0
cis-1,3-Dichloropropene	Ave	0.5496	0.4590		16.7	20.0	-16.5	50.0
Toluene	Ave	1.855	1.688		18.2	20.0	-9.0	20.0
Epichlorohydrin	Ave	0.0411	0.0355		345	400	-13.8	50.0
Tetrachloroethene	Ave	0.4792	0.4989		20.8	20.0	4.1	50.0
4-Methyl-2-pentanone	Ave	0.3633	0.3150		17.3	20.0	-13.3	50.0
trans-1,3-Dichloropropene	Ave	0.6133	0.5267		17.2	20.0	-14.1	50.0
1,1,2-Trichloroethane	Ave	0.3364	0.2910		17.3	20.0	-13.5	50.0
Dibromochloromethane	Ave	0.4168	0.4204		20.2	20.0	0.9	50.0
1,3-Dichloropropane	Ave	0.6534	0.5663		17.3	20.0	-13.3	50.0
1,2-Dibromoethane	Ave	0.3885	0.3583		18.4	20.0	-7.8	50.0
Butyl acetate	Ave	0.7057	0.5881		33.3	40.0	-16.7	50.0
2-Hexanone	Ave	0.3192	0.2993		18.8	20.0	-6.2	50.0
Chlorobenzene	Ave	1.213	1.122	0.3000	18.5	20.0	-7.5	50.0
Ethylbenzene	Ave	0.6624	0.6153		18.6	20.0	-7.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4890	0.4688		19.2	20.0	-4.1	50.0
m&p-Xylene	Ave	0.8143	0.7782		38.2	40.0	-4.4	50.0
o-Xylene	Ave	0.8456	0.7768		18.4	20.0	-8.1	50.0
Bromoform	Ave	0.2857	0.3230	0.1000	22.6	20.0	13.1	50.0
Styrene	Ave	1.303	1.153		17.7	20.0	-11.5	50.0
Isopropylbenzene	Ave	2.068	1.978		19.1	20.0	-4.4	50.0
Camphene, Total	Ave	1.303	1.172		18.0	20.0	-10.0	50.0
Monobromobenzene	Ave	1.015	0.9448		18.6	20.0	-6.9	50.0
N-Propylbenzene	Ave	5.007	4.366		17.4	20.0	-12.8	50.0
1,1,2,2-Tetrachloroethane	Ave	1.122	0.9796	0.3000	17.5	20.0	-12.7	50.0
2-Chlorotoluene	Ave	2.991	2.523		16.9	20.0	-15.6	50.0
1,2,3-Trichloropropane	Ave	0.3137	0.2909		18.5	20.0	-7.3	50.0
1,3,5-Trimethylbenzene	Ave	3.589	3.149		17.5	20.0	-12.3	50.0
trans-1,4-Dichloro-2-butene	LinF	0.1014	0.0818		16.4	20.0	-18.1	50.0
4-Chlorotoluene	Ave	2.868	2.408		16.8	20.0	-16.0	50.0
tert-Butylbenzene	Ave	2.927	2.579		17.6	20.0	-11.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-78823/2 Calibration Date: 07/05/2011 09:03
 Instrument ID: VOAMS4 Calib Start Date: 05/16/2011 09:31
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/16/2011 16:13
 Lab File ID: d10671.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl Methacrylate	Ave	1.533	1.215		15.9	20.0	-20.7	50.0
1,2,4-Trimethylbenzene	Ave	3.663	3.287		17.9	20.0	-10.3	50.0
sec-Butylbenzene	Ave	4.697	4.246		18.1	20.0	-9.6	50.0
p-Isopropyltoluene	Ave	3.950	3.548		18.0	20.0	-10.2	50.0
1,3-Dichlorobenzene	Ave	1.913	1.818		19.0	20.0	-5.0	50.0
1,4-Dichlorobenzene	Ave	1.921	1.833		19.1	20.0	-4.6	50.0
2-Octanone	Ave	1.351	1.142		16.9	20.0	-15.5	50.0
Benzyl chloride	Ave	5.927	5.470		18.5	20.0	-7.7	50.0
n-Butylbenzene	Ave	5.927	5.470		18.5	20.0	-7.7	50.0
1,2-Dichlorobenzene	Ave	1.960	1.873		19.1	20.0	-4.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2217	0.1923		17.3	20.0	-13.3	50.0
Hexachlorobutadiene	Ave	0.7842	0.8978		22.9	20.0	14.5	50.0
1,2,4-Trichlorobenzene	Ave	1.656	1.685		20.3	20.0	1.7	50.0
Camphor	Ave	0.1407	0.1112		79.1	100	-20.9	50.0
Naphthalene	Ave	4.300	3.981		18.5	20.0	-7.4	50.0
1,2,3-Trichlorobenzene	Ave	1.672	1.683		20.1	20.0	0.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2754	0.2682		48.7	50.0	-2.6	50.0
Toluene-d8 (Surr)	Ave	1.247	1.218		48.8	50.0	-2.4	50.0
Bromofluorobenzene	Ave	0.8851	0.8612		48.7	50.0	-2.7	50.0

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10671.d
 Report Date: 05-Jul-2011 09:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10671.d
 Lab Smp Id: CCVIS
 Inj Date : 05-JUL-2011 09:03
 Operator : VOAMS 9
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08997.d
 Continuing Calibration Sample
 Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						AMOUNTS	
		QUANT	SIG			CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100				112431	40.0000	35
90 Dichlorodifluoromethane	85	1.266	1.266	(0.272)	63759	20.0000	16
1 Chloromethane	50	1.388	1.388	(0.298)	77682	20.0000	16
4 Vinyl Chloride	62	1.438	1.438	(0.308)	83789	20.0000	17
3 Bromomethane	94	1.646	1.646	(0.353)	57214	20.0000	20
5 Chloroethane	64	1.717	1.717	(0.368)	45663	20.0000	20
9 Trichlorofluoromethane	101	1.832	1.832	(0.393)	114533	20.0000	22
121 n-Pentane	72	1.753	1.753	(0.376)	9472	20.0000	22
46 Ethyl Ether	59	1.975	1.975	(0.424)	42419	20.0000	18
119 Isoprene	67	1.961	1.961	(0.421)	70491	20.0000	17
47 Acrolein	56	2.340	2.340	(0.502)	181992	300.000	310
10 1,1-Dichloroethene	96	2.104	2.104	(0.451)	58398	20.0000	20
48 Freon TF	101	2.204	2.204	(0.473)	66973	20.0000	20
7 Acetone	58	2.562	2.562	(0.550)	5890	20.0000	21

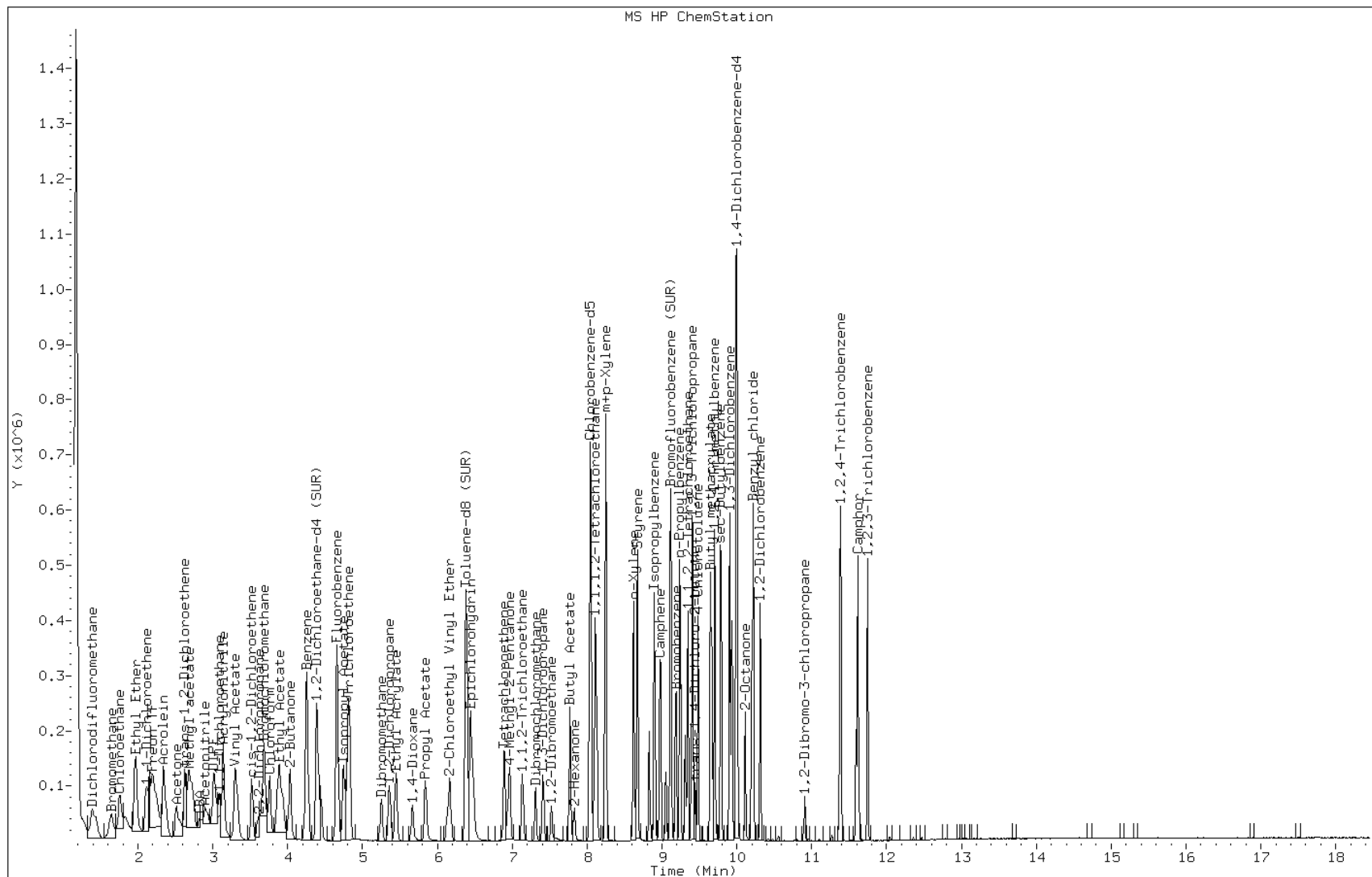
Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10671.d
 Report Date: 05-Jul-2011 09:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.204	2.204	(0.473)	68306	20.0000	11
8 Carbon Disulfide	76	2.118	2.118	(0.454)	241862	20.0000	20
50 Acetonitrile	41	2.899	2.899	(0.622)	124662	400.000	280
125 Methyl acetate	74	2.656	2.656	(0.570)	14579	20.0000	20
6 Methylene Chloride	84	2.512	2.512	(0.539)	64825	20.0000	18
51 TBA	59	2.827	2.827	(0.607)	138367	400.000	310
52 Acrylonitrile	53	3.135	3.135	(0.673)	173389	150.000	140
12 trans-1,2-Dichloroethene	96	2.627	2.627	(0.564)	54506	20.0000	18
53 MTBE	73	2.727	2.727	(0.585)	175761	20.0000	17
54 Hexane	56	2.684	2.684	(0.576)	51852	20.0000	20
11 1,1-Dichloroethane	63	3.085	3.085	(0.662)	86068	20.0000	17
57 Vinyl Acetate	43	3.307	3.307	(0.710)	56188	20.0000	14
55 DIPE	45	3.014	3.014	(0.647)	173022	20.0000	16
149 tert-Butyl ethyl ether	59	3.300	3.300	(0.708)	181570	20.0000	17
104 2,2-Dichloropropane	77	3.615	3.615	(0.776)	70620	20.0000	15
13 cis-1,2-Dichloroethene	96	3.522	3.522	(0.756)	57924	20.0000	17
18 2-Butanone	72	4.038	4.038	(0.866)	9770	20.0000	15
56 Ethyl Acetate	70	3.888	3.888	(0.834)	12436	40.0000	35
108 Bromochloromethane	128	3.687	3.687	(0.791)	31071	20.0000	19
15 Chloroform	83	3.759	3.759	(0.806)	91088	20.0000	18
20 1,1,1-Trichloroethane	97	3.931	3.931	(0.843)	82406	20.0000	17
59 Cyclohexane	56	3.680	3.680	(0.789)	105333	20.0000	17
21 Carbon Tetrachloride	117	3.873	3.873	(0.831)	92240	20.0000	19
92 1,1-Dichloropropene	75	4.031	4.031	(0.865)	67621	20.0000	17
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.382	4.382	(0.940)	112507	50.0000	49
28 Benzene	78	4.253	4.253	(0.912)	203733	20.0000	17
17 1,2-Dichloroethane	62	4.453	4.453	(0.955)	57985	20.0000	16
61 Isopropyl Acetate	43	4.747	4.747	(1.018)	198660	40.0000	34
140 tert-Amylmethyl Ether	73	4.396	4.396	(0.943)	161678	20.0000	16
* 69 Fluorobenzene	96	4.661	4.661	(1.000)	419388	50.0000	
62 n-Heptane	57	4.253	4.253	(0.529)	46188	20.0000	19
25 Trichloroethene	95	4.819	4.819	(1.034)	53718	20.0000	18
96 Ethyl Acrylate	55	5.442	5.442	(1.167)	58791	20.0000	16
126 Methyl cyclohexane	83	4.812	4.812	(1.032)	104884	20.0000	18
23 1,2-Dichloropropane	63	5.363	5.363	(1.151)	50440	20.0000	17
109 Dibromomethane	93	5.249	5.249	(1.126)	33061	20.0000	18
95 1,4-Dioxane	88	5.678	5.678	(1.218)	4213	150.000	110
146 Methyl methacrylate	69	5.664	5.664	(1.215)	34686	20.0000	17
64 Propyl Acetate	43	5.843	5.843	(1.254)	134135	40.0000	34
22 Bromodichloromethane	83	5.449	5.449	(1.169)	67182	20.0000	18
30 2-Chloroethyl Vinyl Ether	63	6.130	6.130	(1.315)	28312	20.0000	17
118 Epichlorohydrin	57	6.481	6.481	(1.390)	118981	400.000	340
24 cis-1,3-Dichloropropene	75	6.165	6.165	(1.323)	77004	20.0000	17
33 4-Methyl-2-Pentanone	43	6.946	6.946	(1.490)	52850	20.0000	17
\$ 37 Toluene-d8 (SUR)	98	6.380	6.380	(0.793)	387251	50.0000	49
38 Toluene	91	6.445	6.445	(0.801)	214663	20.0000	18
29 trans-1,3-Dichloropropene	75	6.968	6.968	(0.866)	66997	20.0000	17

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10671.d
 Report Date: 05-Jul-2011 09:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.132	7.132	(0.887)	37017	20.0000	17
35 Tetrachloroethene	166	6.896	6.896	(0.857)	63462	20.0000	21
103 1,3-Dichloropropane	76	7.412	7.412	(0.922)	72029	20.0000	17
34 2-Hexanone	43	7.827	7.827	(0.973)	38075	20.0000	19
26 Dibromochloromethane	129	7.311	7.311	(0.909)	53469	20.0000	20
65 Butyl Acetate	43	7.770	7.770	(0.966)	149609	40.0000	33
66 1,2-Dibromoethane	107	7.519	7.519	(0.935)	45570	20.0000	18
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	317990	50.0000	
39 Chlorobenzene	112	8.056	8.056	(1.002)	142718	20.0000	18
97 1,1,1,2-Tetrachloroethane	131	8.128	8.128	(1.011)	59631	20.0000	19
40 Ethylbenzene	106	8.107	8.107	(1.008)	78259	20.0000	18
43 m+p-Xylene	106	8.250	8.250	(1.026)	197977	40.0000	38
44 o-Xylene	106	8.622	8.622	(1.072)	98811	20.0000	18
42 Styrene	104	8.672	8.672	(1.078)	146647	20.0000	18
31 Bromoform	173	8.672	8.672	(1.078)	41089	20.0000	23
110 Isopropylbenzene	105	8.902	8.902	(1.107)	251533	20.0000	19
\$ 41 Bromofluorobenzene (SUR)	174	9.117	9.117	(0.913)	153443	50.0000	49
150 Camphene	93	8.973	8.973	(0.898)	83543	20.0000	18
107 Bromobenzene	156	9.188	9.188	(0.920)	67331	20.0000	19
36 1,1,2,2-Tetrachloroethane	83	9.310	9.310	(0.932)	69813	20.0000	17
99 1,2,3-Trichloropropane	110	9.396	9.396	(0.940)	20728	20.0000	18
143 trans-1,4-Dichloro-2-butene	53	9.446	9.446	(2.027)	13717	20.0000	16
112 n-Propylbenzene	91	9.238	9.238	(0.925)	311127	20.0000	17
105 2-Chlorotoluene	91	9.346	9.346	(0.935)	179835	20.0000	17
106 4-Chlorotoluene	91	9.482	9.482	(0.949)	171642	20.0000	17
102 1,3,5-Trimethylbenzene	105	9.410	9.410	(0.942)	224409	20.0000	18
148 Butyl methacrylate	69	9.668	9.668	(0.968)	86592	20.0000	16
115 tert-Butylbenzene	119	9.647	9.647	(0.966)	183791	20.0000	18
100 1,2,4-Trimethylbenzene	105	9.704	9.704	(0.971)	234222	20.0000	18
151 2-Octanone	43	10.112	10.112	(1.012)	81371	20.0000	17
114 sec-Butylbenzene	105	9.783	9.783	(0.979)	302624	20.0000	18
67 1,3-Dichlorobenzene	146	9.933	9.933	(0.994)	129534	20.0000	19
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	178165	50.0000	
68 1,4-Dichlorobenzene	146	10.005	10.005	(1.001)	130635	20.0000	19
113 p-Isopropyltoluene	119	9.905	9.905	(0.991)	252874	20.0000	18
69 1,2-Dichlorobenzene	146	10.313	10.313	(1.032)	133511	20.0000	19
117 Benzyl chloride	91	10.220	10.220	(1.023)	389800	20.0000	18
111 n-Butylbenzene	91	10.220	10.220	(1.023)	389800	20.0000	18
101 1,2-Dibromo-3-chloropropane	75	10.907	10.907	(1.092)	13702	20.0000	17
152 Camphor	95	11.595	11.595	(1.161)	39639	100.000	79
93 1,2,4-Trichlorobenzene	180	11.387	11.387	(1.140)	120067	20.0000	20
94 Hexachlorobutadiene	225	11.373	11.373	(1.138)	63979	20.0000	23
70 Naphthalene	128	11.616	11.616	(1.163)	283741	20.0000	18
98 1,2,3-Trichlorobenzene	180	11.745	11.745	(1.176)	119920	20.0000	20
M 45 Xylene (Total)	100				296789	60.0000	56

Operator: VOAMS 9



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-78926/2 Calibration Date: 07/06/2011 07:09

Instrument ID: VOAMS4 Calib Start Date: 05/16/2011 09:31

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/16/2011 16:13

Lab File ID: d10698.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4657	0.3885		16.7	20.0	-16.6	50.0
Chloromethane	Ave	0.5926	0.4735	0.1000	16.0	20.0	-20.1	50.0
Vinyl chloride	Ave	0.5838	0.5040		17.3	20.0	-13.7	20.0
Bromomethane	Ave	0.3412	0.3357		19.7	20.0	-1.6	50.0
Chloroethane	Ave	0.2723	0.2609		19.2	20.0	-4.2	50.0
n-Pentane	LinF	0.0606	0.0514		20.6	20.0	2.8	50.0
Trichlorofluoromethane	Ave	0.6095	0.6929		22.7	20.0	13.7	50.0
Isopropene	Ave	0.4827	0.4366		18.1	20.0	-9.6	50.0
Ethyl ether	Ave	0.2769	0.2535		18.3	20.0	-8.5	50.0
1,1-Dichloroethene	Ave	0.3418	0.3780		22.1	20.0	10.6	20.0
Carbon disulfide	Ave	1.449	1.488		20.5	20.0	2.7	50.0
Freon TF	Ave	0.4023	0.4175		20.8	20.0	3.8	50.0
Iodomethane	Ave	0.7336	0.8656		23.6	20.0	18.0	50.0
Acrolein	Ave	0.0692	0.0661		287	300	-4.5	99.0
Methylene Chloride	Ave	0.4249	0.4184		19.7	20.0	-1.5	50.0
Acetone	LinF	0.0403	0.0362		21.5	20.0	7.4	50.0
trans-1,2-Dichloroethene	Ave	0.3651	0.3633		19.9	20.0	-0.5	50.0
Methyl acetate	Ave	0.0875	0.0819		18.7	20.0	-6.4	50.0
Hexane	Ave	0.3072	0.2864		18.6	20.0	-6.8	50.0
MTBE	Ave	1.204	1.034		17.2	20.0	-14.1	50.0
TBA	Ave	0.0537	0.0437		326	400	-18.5	50.0
Acetonitrile	Ave	0.0530	0.0414		312	400	-21.9	50.0
DIPE	Ave	1.281	1.045		16.3	20.0	-18.5	50.0
1,1-Dichloroethane	Ave	0.6147	0.5481	0.1000	17.8	20.0	-10.8	50.0
Acrylonitrile	Ave	0.1451	0.1245		129	150	-14.2	50.0
Tert-butyl ethyl ether	Ave	1.292	1.026	0.0100	15.9	20.0	-20.6	50.0
Vinyl acetate	Ave	0.4856	0.3162		13.0	20.0	-34.9	50.0
cis-1,2-Dichloroethene	Ave	0.4077	0.3689		18.1	20.0	-9.5	50.0
2,2-Dichloropropane	Ave	0.5642	0.4563		16.2	20.0	-19.1	50.0
Cyclohexane	Ave	0.7296	0.6781		18.6	20.0	-7.1	50.0
Bromochloromethane	Ave	0.1966	0.1906		19.4	20.0	-3.1	50.0
Chloroform	Ave	0.6116	0.5623		18.4	20.0	-8.1	20.0
Carbon tetrachloride	Ave	0.5771	0.6083		21.1	20.0	5.4	50.0
Ethyl acetate	Ave	0.0423	0.0340		32.1	40.0	-19.7	50.0
1,1,1-Trichloroethane	Ave	0.5756	0.5201		18.1	20.0	-9.6	50.0
1,1-Dichloropropene	Ave	0.4702	0.4160		17.7	20.0	-11.5	50.0
2-Butanone	QuaF	0.0550	0.0524		13.8	20.0	-30.8	50.0
n-Heptane	Ave	0.3860	0.3773		19.6	20.0	-2.2	50.0
Benzene	Ave	1.408	1.266		18.0	20.0	-10.1	50.0
Tert-amyl methyl ether	Ave	1.166	0.9514		16.3	20.0	-18.4	50.0
1,2-Dichloroethane	Ave	0.4192	0.3488		16.6	20.0	-16.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-78926/2 Calibration Date: 07/06/2011 07:09

Instrument ID: VOAMS4 Calib Start Date: 05/16/2011 09:31

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/16/2011 16:13

Lab File ID: d10698.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.6937	0.5170		29.8	40.0	-25.5	50.0
Methylcyclohexane	Ave	0.6991	0.6250		17.9	20.0	-10.6	50.0
Trichloroethene	Ave	0.3544	0.3323		18.8	20.0	-6.2	50.0
Dibromomethane	Ave	0.2212	0.1948		17.6	20.0	-11.9	50.0
1,2-Dichloropropane	Ave	0.3598	0.3016		16.8	20.0	-16.2	20.0
Bromodichloromethane	Ave	0.4398	0.4001		18.2	20.0	-9.0	50.0
Ethyl acrylate	Ave	0.4316	0.2995		13.9	20.0	-30.6	50.0
Methyl methacrylate	Ave	0.2455	0.1781		14.5	20.0	-27.5	50.0
1,4-Dioxane	Ave	0.0044	0.0042		144	150	-4.1	50.0
Propyl acetate	Ave	0.4741	0.3401		28.7	40.0	-28.3	50.0
2-Chloroethyl vinyl ether	Ave	0.2025	0.1545		15.3	20.0	-23.7	50.0
cis-1,3-Dichloropropene	Ave	0.5496	0.4509		16.4	20.0	-18.0	50.0
Toluene	Ave	1.855	1.779		19.2	20.0	-4.1	20.0
Epichlorohydrin	Ave	0.0411	0.0295		287	400	-28.3	50.0
Tetrachloroethene	Ave	0.4792	0.5352		22.3	20.0	11.7	50.0
4-Methyl-2-pentanone	Ave	0.3633	0.2547		14.0	20.0	-29.9	50.0
trans-1,3-Dichloropropene	Ave	0.6133	0.5320		17.3	20.0	-13.3	50.0
1,1,2-Trichloroethane	Ave	0.3364	0.2873		17.1	20.0	-14.6	50.0
Dibromochloromethane	Ave	0.4168	0.4212		20.2	20.0	1.1	50.0
1,3-Dichloropropane	Ave	0.6534	0.5684		17.4	20.0	-13.0	50.0
1,2-Dibromoethane	Ave	0.3885	0.3457		17.8	20.0	-11.0	50.0
Butyl acetate	Ave	0.7057	0.4963		28.1	40.0	-29.7	50.0
2-Hexanone	Ave	0.3192	0.2450		15.4	20.0	-23.2	50.0
Chlorobenzene	Ave	1.213	1.146	0.3000	18.9	20.0	-5.6	50.0
Ethylbenzene	Ave	0.6624	0.6297		19.0	20.0	-4.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4890	0.5099		20.9	20.0	4.3	50.0
m&p-Xylene	Ave	0.8143	0.7804		38.3	40.0	-4.2	50.0
o-Xylene	Ave	0.8456	0.8013		19.0	20.0	-5.2	50.0
Bromoform	Ave	0.2857	0.3124	0.1000	21.9	20.0	9.3	50.0
Styrene	Ave	1.303	1.172		18.0	20.0	-10.0	50.0
Isopropylbenzene	Ave	2.068	2.042		19.8	20.0	-1.2	50.0
Camphene, Total	Ave	1.303	1.210		18.6	20.0	-7.2	50.0
Monobromobenzene	Ave	1.015	0.9708		19.1	20.0	-4.3	50.0
N-Propylbenzene	Ave	5.007	4.510		18.0	20.0	-9.9	50.0
1,1,2,2-Tetrachloroethane	Ave	1.122	0.9399	0.3000	16.7	20.0	-16.3	50.0
2-Chlorotoluene	Ave	2.991	2.592		17.3	20.0	-13.3	50.0
1,2,3-Trichloropropane	Ave	0.3137	0.2764		17.6	20.0	-11.9	50.0
1,3,5-Trimethylbenzene	Ave	3.589	3.272		18.2	20.0	-8.8	50.0
trans-1,4-Dichloro-2-butene	LinF	0.1014	0.0728		14.6	20.0	-27.1	50.0
4-Chlorotoluene	Ave	2.868	2.493		17.4	20.0	-13.1	50.0
tert-Butylbenzene	Ave	2.927	2.726		18.6	20.0	-6.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-78926/2 Calibration Date: 07/06/2011 07:09
 Instrument ID: VOAMS4 Calib Start Date: 05/16/2011 09:31
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/16/2011 16:13
 Lab File ID: d10698.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl Methacrylate	Ave	1.533	1.136		14.8	20.0	-25.9	50.0
1,2,4-Trimethylbenzene	Ave	3.663	3.386		18.5	20.0	-7.6	50.0
sec-Butylbenzene	Ave	4.697	4.425		18.8	20.0	-5.8	50.0
p-Isopropyltoluene	Ave	3.950	3.596		18.2	20.0	-9.0	50.0
1,3-Dichlorobenzene	Ave	1.913	1.873		19.6	20.0	-2.0	50.0
1,4-Dichlorobenzene	Ave	1.921	1.895		19.7	20.0	-1.3	50.0
2-Octanone	Ave	1.351	0.9347		13.8	20.0	-30.8	50.0
Benzyl chloride	Ave	5.927	5.378		18.1	20.0	-9.3	50.0
n-Butylbenzene	Ave	5.927	5.378		18.1	20.0	-9.3	50.0
1,2-Dichlorobenzene	Ave	1.960	1.909		19.5	20.0	-2.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2217	0.1833		16.5	20.0	-17.3	50.0
Hexachlorobutadiene	Ave	0.7842	0.9014		23.0	20.0	14.9	50.0
1,2,4-Trichlorobenzene	Ave	1.656	1.723		20.8	20.0	4.1	50.0
Camphor	Ave	0.1407	0.0932		66.2	100	-33.8	50.0
Naphthalene	Ave	4.300	4.017		18.7	20.0	-6.6	50.0
1,2,3-Trichlorobenzene	Ave	1.672	1.740		20.8	20.0	4.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2754	0.2681		48.7	50.0	-2.6	50.0
Toluene-d8 (Surr)	Ave	1.247	1.230		49.3	50.0	-1.4	50.0
Bromofluorobenzene	Ave	0.8851	0.8709		49.2	50.0	-1.6	50.0

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10698.d
 Report Date: 06-Jul-2011 07:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10698.d
 Lab Smp Id: CCVIS
 Inj Date : 06-JUL-2011 07:09
 Operator : VOAMS 9
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/8260L_10.m
 Meth Date : 06-Jul-2011 07:17 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File: d08997.d
 Continuing Calibration Sample
 Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ug/L)	ON-COL (ug/L)
M 14 1,2-Dichloroethene (total)		100				115171	40.0000	38
90 Dichlorodifluoromethane		85	1.266	1.266	(0.272)	61110	20.0000	17
1 Chloromethane		50	1.380	1.380	(0.297)	74470	20.0000	16
4 Vinyl Chloride		62	1.431	1.431	(0.307)	79283	20.0000	17
3 Bromomethane		94	1.638	1.638	(0.352)	52802	20.0000	20
5 Chloroethane		64	1.717	1.717	(0.369)	41044	20.0000	19
9 Trichlorofluoromethane		101	1.824	1.824	(0.392)	108987	20.0000	23
121 n-Pentane		72	1.753	1.753	(0.377)	8088	20.0000	20
46 Ethyl Ether		59	1.975	1.975	(0.424)	39869	20.0000	18
119 Isoprene		67	1.961	1.961	(0.421)	68678	20.0000	18
47 Acrolein		56	2.340	2.340	(0.503)	155993	300.000	290
10 1,1-Dichloroethene		96	2.097	2.097	(0.451)	59456	20.0000	22
48 Freon TF		101	2.190	2.190	(0.471)	65672	20.0000	21
7 Acetone		58	2.562	2.562	(0.551)	5694	20.0000	21

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10698.d
 Report Date: 06-Jul-2011 07:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.197	2.197	(0.472)	136155	20.0000	24
8 Carbon Disulfide	76	2.118	2.118	(0.455)	234076	20.0000	20
50 Acetonitrile	41	2.899	2.899	(0.623)	130135	400.000	310
125 Methyl acetate	74	2.648	2.648	(0.569)	12882	20.0000	19
6 Methylene Chloride	84	2.512	2.512	(0.540)	65806	20.0000	20
51 TBA	59	2.827	2.827	(0.608)	137583	400.000	330
52 Acrylonitrile	53	3.135	3.135	(0.674)	146840	150.000	130
12 trans-1,2-Dichloroethene	96	2.627	2.627	(0.564)	57150	20.0000	20
53 MTBE	73	2.727	2.727	(0.586)	162709	20.0000	17
54 Hexane	56	2.677	2.677	(0.575)	45052	20.0000	19
11 1,1-Dichloroethane	63	3.085	3.085	(0.663)	86210	20.0000	18
57 Vinyl Acetate	43	3.300	3.300	(0.709)	49738	20.0000	13
55 DIPE	45	3.014	3.014	(0.648)	164313	20.0000	16
149 tert-Butyl ethyl ether	59	3.300	3.300	(0.709)	161323	20.0000	16
104 2,2-Dichloropropane	77	3.608	3.608	(0.775)	71771	20.0000	16
13 cis-1,2-Dichloroethene	96	3.515	3.515	(0.755)	58021	20.0000	18
18 2-Butanone	72	4.031	4.031	(0.866)	8242	20.0000	14
56 Ethyl Acetate	70	3.880	3.880	(0.834)	10695	40.0000	32
108 Bromochloromethane	128	3.680	3.680	(0.791)	29972	20.0000	19
15 Chloroform	83	3.759	3.759	(0.808)	88447	20.0000	18
20 1,1,1-Trichloroethane	97	3.930	3.930	(0.845)	81807	20.0000	18
59 Cyclohexane	56	3.673	3.673	(0.789)	106655	20.0000	18
21 Carbon Tetrachloride	117	3.859	3.859	(0.829)	95684	20.0000	21
92 1,1-Dichloropropene	75	4.031	4.031	(0.866)	65434	20.0000	18
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.382	4.382	(0.942)	105453	50.0000	49
28 Benzene	78	4.253	4.253	(0.914)	199156	20.0000	18
17 1,2-Dichloroethane	62	4.446	4.446	(0.955)	54858	20.0000	17
61 Isopropyl Acetate	43	4.747	4.747	(1.020)	162636	40.0000	30
140 tert-Amylmethyl Ether	73	4.396	4.396	(0.945)	149645	20.0000	16
* 69 Fluorobenzene	96	4.654	4.654	(1.000)	393234	50.0000	
62 n-Heptane	57	4.246	4.246	(0.528)	43291	20.0000	20
25 Trichloroethene	95	4.819	4.819	(1.035)	52273	20.0000	19
96 Ethyl Acrylate	55	5.442	5.442	(1.169)	47106	20.0000	14
126 Methyl cyclohexane	83	4.804	4.804	(1.032)	98304	20.0000	18
23 1,2-Dichloropropane	63	5.356	5.356	(1.151)	47432	20.0000	17
109 Dibromomethane	93	5.248	5.248	(1.128)	30635	20.0000	18
95 1,4-Dioxane	88	5.678	5.678	(1.220)	4951	150.000	140
146 Methyl methacrylate	69	5.664	5.664	(1.217)	28018	20.0000	14
64 Propyl Acetate	43	5.836	5.836	(1.254)	106977	40.0000	29
22 Bromodichloromethane	83	5.442	5.442	(1.169)	62928	20.0000	18
30 2-Chloroethyl Vinyl Ether	63	6.129	6.129	(1.317)	24300	20.0000	15
118 Epichlorohydrin	57	6.473	6.473	(1.391)	92820	400.000	290
24 cis-1,3-Dichloropropene	75	6.165	6.165	(1.325)	70923	20.0000	16
33 4-Methyl-2-Pentanone	43	6.939	6.939	(1.491)	40061	20.0000	14
\$ 37 Toluene-d8 (SUR)	98	6.380	6.380	(0.793)	352856	50.0000	49
38 Toluene	91	6.437	6.437	(0.800)	204159	20.0000	19
29 trans-1,3-Dichloropropene	75	6.968	6.968	(0.866)	61038	20.0000	17

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10698.d
 Report Date: 06-Jul-2011 07:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.132	7.132	(0.887)	32961	20.0000	17
35 Tetrachloroethene	166	6.889	6.889	(0.857)	61402	20.0000	22
103 1,3-Dichloropropane	76	7.412	7.412	(0.922)	65214	20.0000	17
34 2-Hexanone	43	7.827	7.827	(0.973)	28110	20.0000	15
26 Dibromochloromethane	129	7.304	7.304	(0.908)	48332	20.0000	20
65 Butyl Acetate	43	7.770	7.770	(0.966)	113883	40.0000	28
66 1,2-Dibromoethane	107	7.519	7.519	(0.935)	39664	20.0000	18
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	286844	50.0000	
39 Chlorobenzene	112	8.056	8.056	(1.002)	131434	20.0000	19
97 1,1,1,2-Tetrachloroethane	131	8.128	8.128	(1.011)	58504	20.0000	21
40 Ethylbenzene	106	8.106	8.106	(1.008)	72244	20.0000	19
43 m+p-Xylene	106	8.243	8.243	(1.025)	179087	40.0000	38
44 o-Xylene	106	8.622	8.622	(1.072)	91935	20.0000	19
42 Styrene	104	8.672	8.672	(1.078)	134493	20.0000	18
31 Bromoform	173	8.672	8.672	(1.078)	35842	20.0000	22
110 Isopropylbenzene	105	8.894	8.894	(1.106)	234308	20.0000	20
\$ 41 Bromofluorobenzene (SUR)	174	9.116	9.116	(0.913)	138876	50.0000	49
150 Camphene	93	8.973	8.973	(0.898)	77140	20.0000	18
107 Bromobenzene	156	9.188	9.188	(0.920)	61916	20.0000	19
36 1,1,2,2-Tetrachloroethane	83	9.310	9.310	(0.932)	59947	20.0000	17
99 1,2,3-Trichloropropane	110	9.396	9.396	(0.940)	17629	20.0000	18
143 trans-1,4-Dichloro-2-butene	53	9.446	9.446	(2.030)	11448	20.0000	14
112 n-Propylbenzene	91	9.238	9.238	(0.925)	287625	20.0000	18
105 2-Chlorotoluene	91	9.346	9.346	(0.935)	165322	20.0000	17
106 4-Chlorotoluene	91	9.482	9.482	(0.949)	158982	20.0000	17
102 1,3,5-Trimethylbenzene	105	9.403	9.403	(0.941)	208673	20.0000	18
148 Butyl methacrylate	69	9.668	9.668	(0.968)	72468	20.0000	15
115 tert-Butylbenzene	119	9.647	9.647	(0.966)	173845	20.0000	19
100 1,2,4-Trimethylbenzene	105	9.704	9.704	(0.971)	215942	20.0000	18
151 2-Octanone	43	10.112	10.112	(1.012)	59611	20.0000	14
114 sec-Butylbenzene	105	9.783	9.783	(0.979)	282245	20.0000	19
67 1,3-Dichlorobenzene	146	9.933	9.933	(0.994)	119485	20.0000	20
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	159445	50.0000	
68 1,4-Dichlorobenzene	146	10.005	10.005	(1.001)	120887	20.0000	20
113 p-Isopropyltoluene	119	9.904	9.904	(0.991)	229340	20.0000	18
69 1,2-Dichlorobenzene	146	10.313	10.313	(1.032)	121751	20.0000	19
117 Benzyl chloride	91	10.220	10.220	(1.023)	342980	20.0000	18
111 n-Butylbenzene	91	10.220	10.220	(1.023)	342980	20.0000	18
101 1,2-Dibromo-3-chloropropane	75	10.907	10.907	(1.092)	11693	20.0000	16
152 Camphor	95	11.588	11.588	(1.160)	29722	100.000	66
93 1,2,4-Trichlorobenzene	180	11.387	11.387	(1.140)	109900	20.0000	21
94 Hexachlorobutadiene	225	11.373	11.373	(1.138)	57486	20.0000	23
70 Naphthalene	128	11.616	11.616	(1.163)	256201	20.0000	19
98 1,2,3-Trichlorobenzene	180	11.745	11.745	(1.176)	110958	20.0000	21
M 45 Xylene (Total)	100				271022	60.0000	57

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63937.d
 Report Date: 23-May-2011 09:18

TestAmerica

Data file : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63937.d
 Lab Smp Id: BFB
 Inj Date : 21-MAY-2011 02:21
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/VOABFB.m
 Meth Date : 18-Apr-2011 09:51 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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		
2.489	2.650 (0.000)	95	81480			0.00- 100.00	100.00
2.489	2.650 (0.000)	50	17784			15.00- 40.00	21.83
2.489	2.650 (0.000)	75	40472			30.00- 60.00	49.67
2.489	2.650 (0.000)	96	6173			5.00- 9.00	7.58
2.489	2.650 (0.000)	173	0			0.00- 2.00	0.00
2.489	2.650 (0.000)	174	53656			50.00- 100.00	65.85
2.489	2.650 (0.000)	175	4261			5.00- 9.00	7.94
2.489	2.650 (0.000)	176	53432			95.00- 101.00	99.58
2.489	2.650 (0.000)	177	3529			5.00- 9.00	6.60

Data File: a63937.d

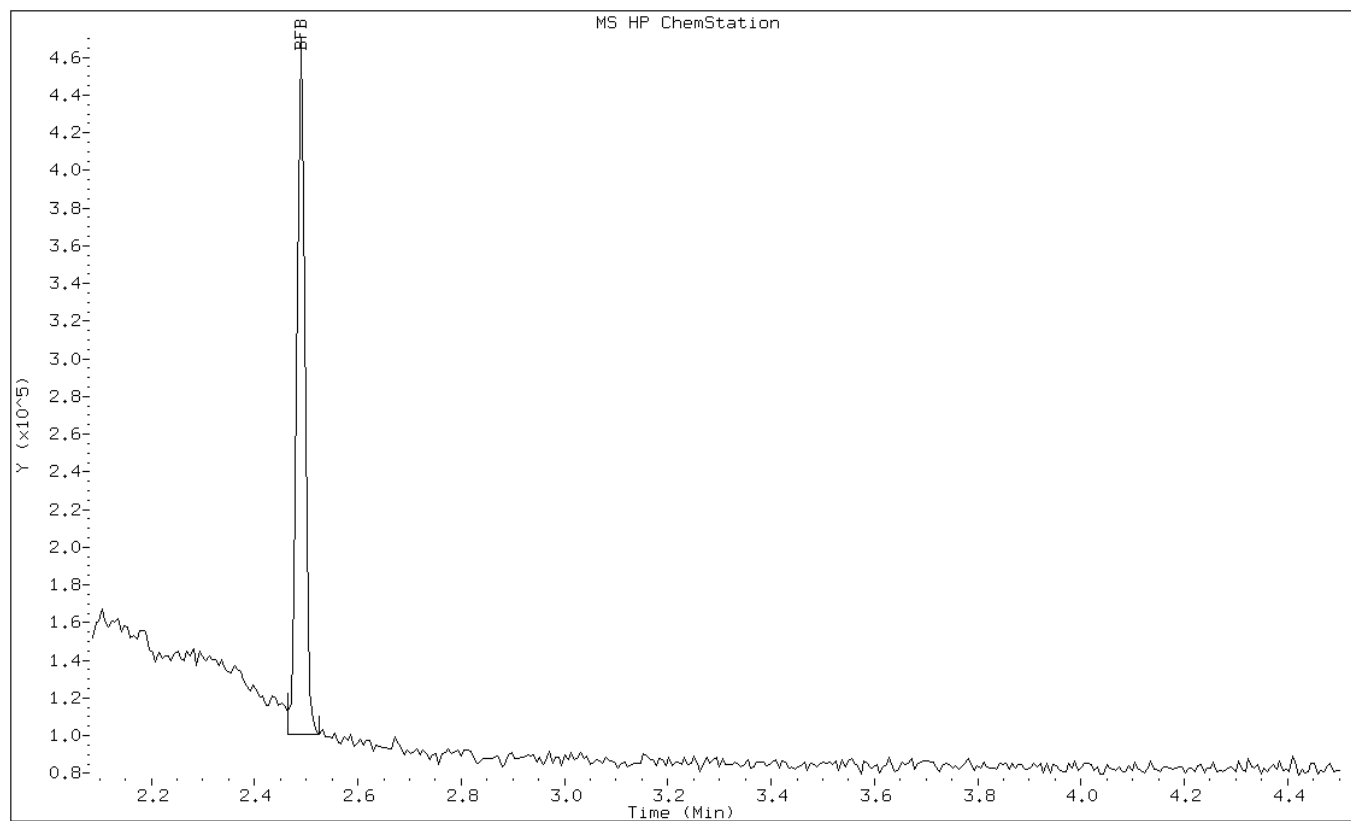
Date: 21-MAY-2011 02:21

Client ID:

Instrument: VOAMS1.i

Sample Info: BFB

Operator: VOAMS 1



Data File: a63937.d

Date: 21-MAY-2011 02:21

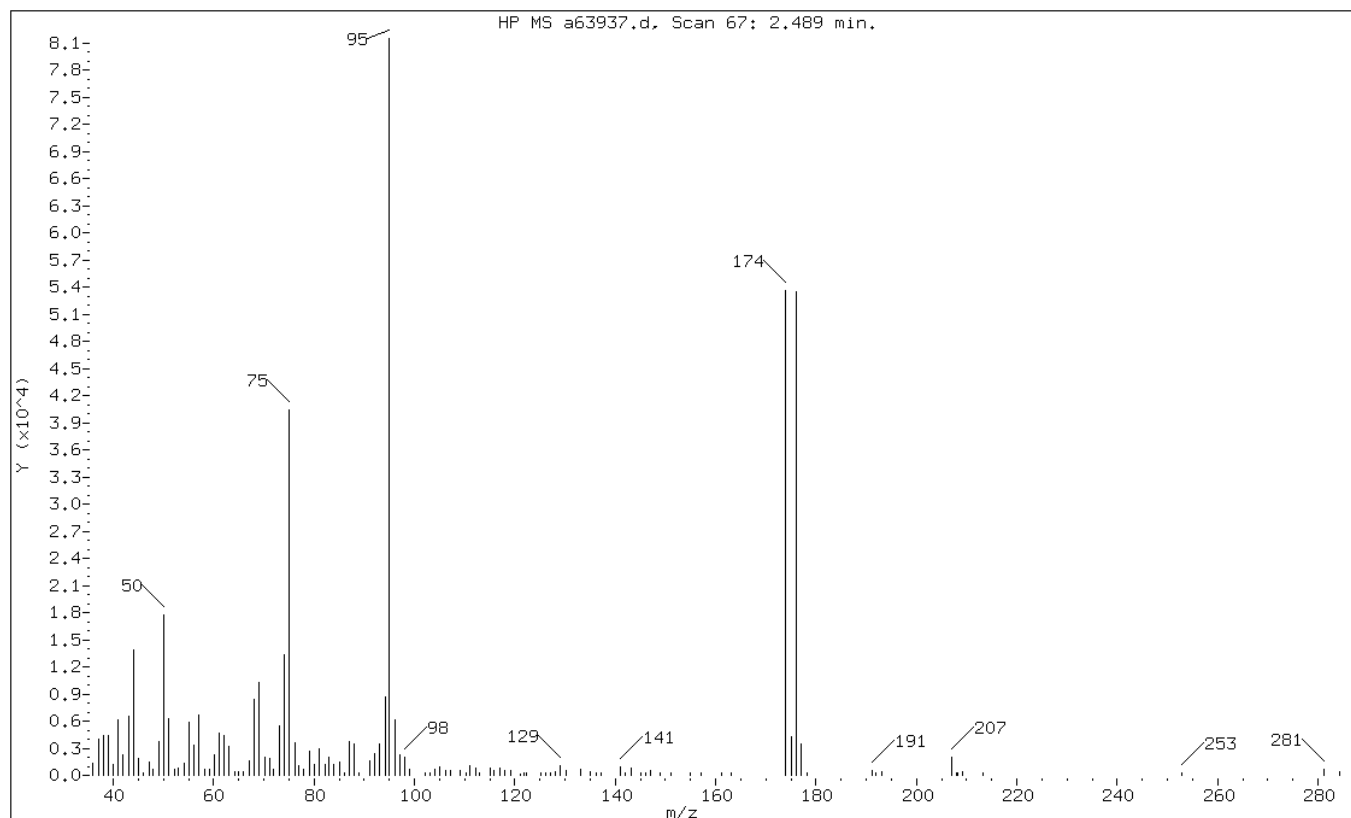
Client ID:

Instrument: VOAMS1.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	21.83
75	30.00 - 60.00% of mass 95	49.67
96	5.00 - 9.00% of mass 95	7.58
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	65.85
175	5.00 - 9.00% of mass 174	5.23 (7.94)
176	95.00 - 101.00% of mass 174	65.58 (99.58)
177	5.00 - 9.00% of mass 176	4.33 (6.60)

Data File: a63937.d

Date: 21-MAY-2011 02:21

Client ID:

Instrument: VOAMS1.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b/a63937.d
Spectrum: HP MS a63937.d, Scan 67: 2.489 min.
Location of Maximum: 95.00
Number of points: 120

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	1283	67.00	1550	99.10	663	141.90	246
37.00	4023	68.00	8394	102.10	214	143.10	750
38.00	4417	69.00	10318	103.10	312	145.10	320
39.00	4379	70.10	2043	104.00	670	146.10	275
40.00	1236	71.10	1821	105.10	868	147.10	564
41.00	6070	72.00	679	106.10	468	149.00	285
42.00	2280	73.00	5533	107.10	479	151.10	286
43.10	6520	74.00	13401	109.10	542	155.00	279
44.00	13897	75.10	40472	110.20	312	157.10	298
45.00	1862	76.10	3563	111.10	1058	161.10	256
45.90	306	77.00	1133	112.10	735	163.20	212
47.10	1521	78.00	610	113.00	221	174.00	53656
48.00	606	79.00	2683	115.00	759	175.00	4261
49.00	3720	80.00	1170	115.90	470	176.00	53432
50.00	17784	81.00	2914	116.90	782	177.00	3529
51.00	6323	82.10	1196	118.00	507	178.10	220
52.10	675	83.00	2006	119.10	568	191.10	550
53.00	842	84.00	1157	121.10	200	192.00	211
54.10	1358	85.10	1517	121.80	262	193.10	350
55.10	5823	86.00	319	122.20	307	207.10	2017
56.10	3297	87.00	3747	125.10	244	207.90	295
57.00	6611	88.00	3451	126.20	281	208.30	274
58.10	671	88.90	276	127.20	239	209.10	424
59.10	733	91.00	1549	128.00	343	213.30	247
60.10	2329	92.00	2401	129.10	1080	252.90	230
61.00	4718	93.00	3483	130.10	472	281.10	622
62.00	4350	94.10	8627	133.10	613	284.30	346
63.00	3178	95.00	81480	135.10	414		
64.10	373	96.10	6173	136.10	252		
65.00	341	97.00	2301	137.20	323		
66.00	350	98.10	2021	141.00	972		

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65650.d
 Report Date: 05-Jul-2011 07:40

TestAmerica

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65650.d
 Lab Smp Id: BFB
 Inj Date : 05-JUL-2011 07:23
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/VOABFB.m
 Meth Date : 18-Apr-2011 09:51 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS1.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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							
		ON-COL		FINAL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
2.489	2.650 (0.000)	95	26565			0.00- 100.00	100.00
2.489	2.650 (0.000)	50	6373			15.00- 40.00	23.99
2.489	2.650 (0.000)	75	14526			30.00- 60.00	54.68
2.489	2.650 (0.000)	96	1688			5.00- 9.00	6.35
2.489	2.650 (0.000)	173	328			0.00- 2.00	1.72
2.489	2.650 (0.000)	174	19053			50.00- 100.00	71.72
2.489	2.650 (0.000)	175	1589			5.00- 9.00	8.34
2.489	2.650 (0.000)	176	18785			95.00- 101.00	98.59
2.489	2.650 (0.000)	177	1388			5.00- 9.00	7.39

Data File: a65650.d

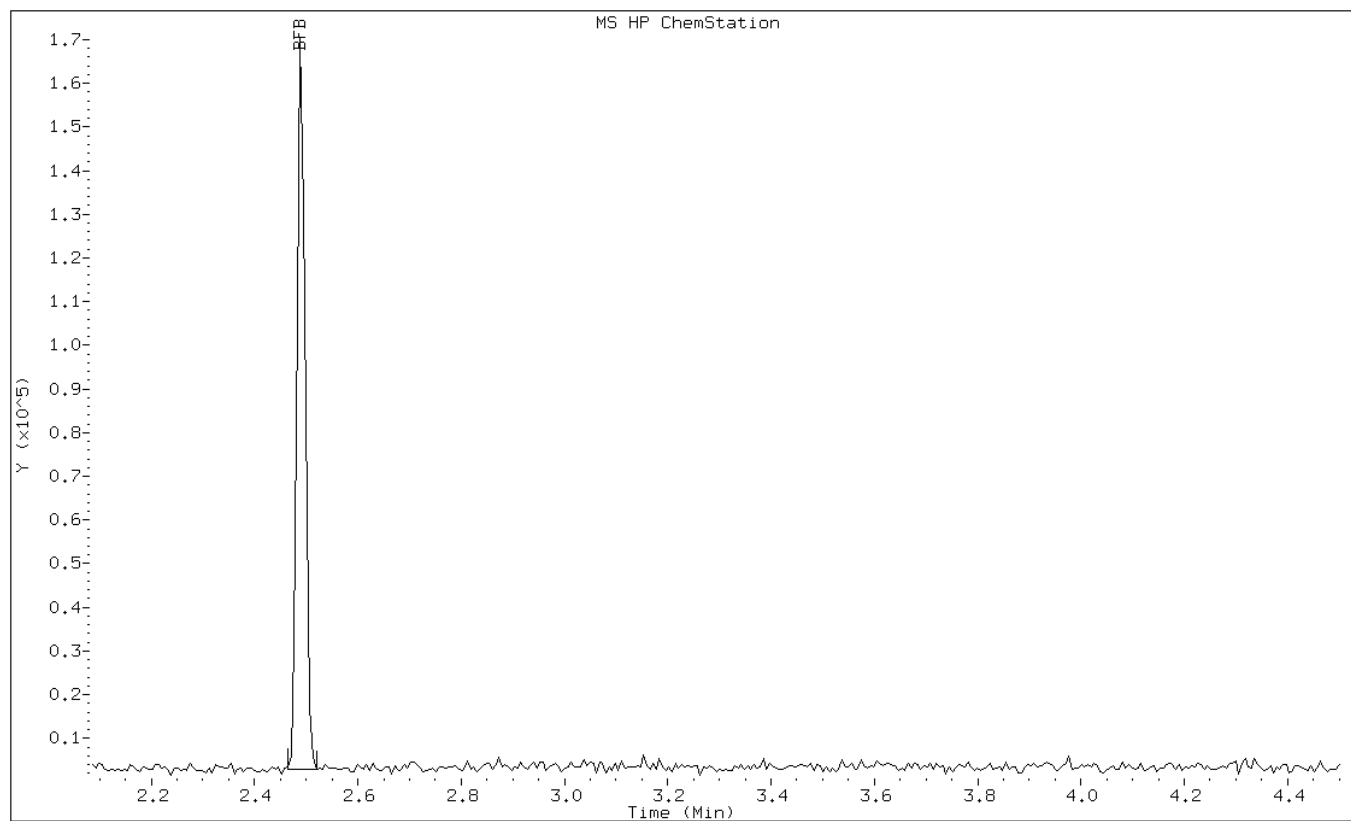
Date: 05-JUL-2011 07:23

Client ID:

Instrument: VOAMS1.i

Sample Info: BFB

Operator: VOAMS 1



Data File: a65650.d

Date: 05-JUL-2011 07:23

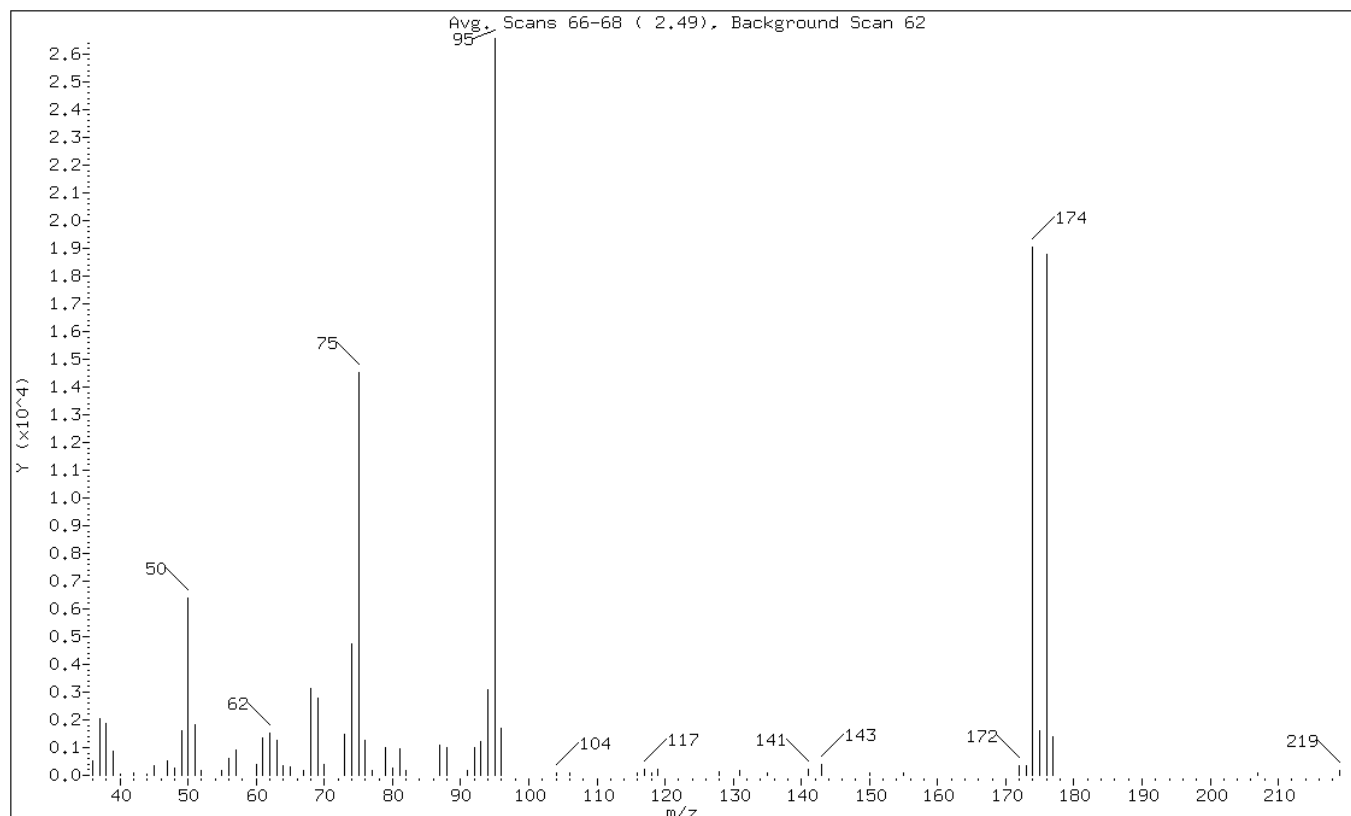
Client ID:

Instrument: VOAMS1.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	23.99
75	30.00 - 60.00% of mass 95	54.68
96	5.00 - 9.00% of mass 95	6.35
173	Less than 2.00% of mass 174	1.23 (1.72)
174	50.00 - 100.00% of mass 95	71.72
175	5.00 - 9.00% of mass 174	5.98 (8.34)
176	95.00 - 101.00% of mass 174	70.71 (98.59)
177	5.00 - 9.00% of mass 176	5.22 (7.39)

Data File: a65650.d

Date: 05-JUL-2011 07:23

Client ID:

Instrument: VOAMS1.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65650.d
Spectrum: Avg. Scans 66-68 (2.49), Background Scan 62
Location of Maximum: 95.00
Number of points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	539	60.00	377	81.00	968	131.00	170
37.00	2054	61.00	1355	82.00	172	135.00	76
38.00	1883	62.00	1515	87.00	1082	141.00	234
39.00	885	63.00	1253	88.00	997	143.00	383
40.00	30	64.00	329	91.00	157	150.00	93
42.00	95	65.00	295	92.00	982	155.00	69
44.00	33	67.00	176	93.00	1228	172.00	349
45.00	349	68.00	3129	94.00	3097	173.00	328
47.00	525	69.00	2793	95.00	26560	174.00	19048
48.00	241	70.00	410	96.00	1688	175.00	1589
49.00	1603	73.00	1462	104.00	87	176.00	18784
50.00	6373	74.00	4741	106.00	78	177.00	1388
51.00	1847	75.00	14526	116.00	73	207.00	85
52.00	190	76.00	1281	117.00	236	219.00	153
55.00	188	77.00	189	118.00	82		
56.00	603	79.00	998	119.00	201		
57.00	906	80.00	261	128.00	134		

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08980.d
 Report Date: 16-May-2011 09:17

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08980.d
 Lab Smp Id: BFB
 Inj Date : 16-MAY-2011 07:52
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/VOABFB.m
 Meth Date : 10-Jan-2011 17:29 ken
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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			
2.064	2.100 (0.000)	95	58897			0.00- 100.00	100.00
2.064	2.100 (0.000)	50	9263			15.00- 40.00	15.73
2.064	2.100 (0.000)	75	26501			30.00- 60.00	45.00
2.064	2.100 (0.000)	96	4075			5.00- 9.00	6.92
2.064	2.100 (0.000)	173	247			0.00- 2.00	0.50
2.064	2.100 (0.000)	174	49882			50.00- 100.00	84.69
2.064	2.100 (0.000)	175	3661			5.00- 9.00	7.34
2.064	2.100 (0.000)	176	49106			95.00- 101.00	98.44
2.064	2.100 (0.000)	177	3267			5.00- 9.00	6.65

Data File: d08980.d

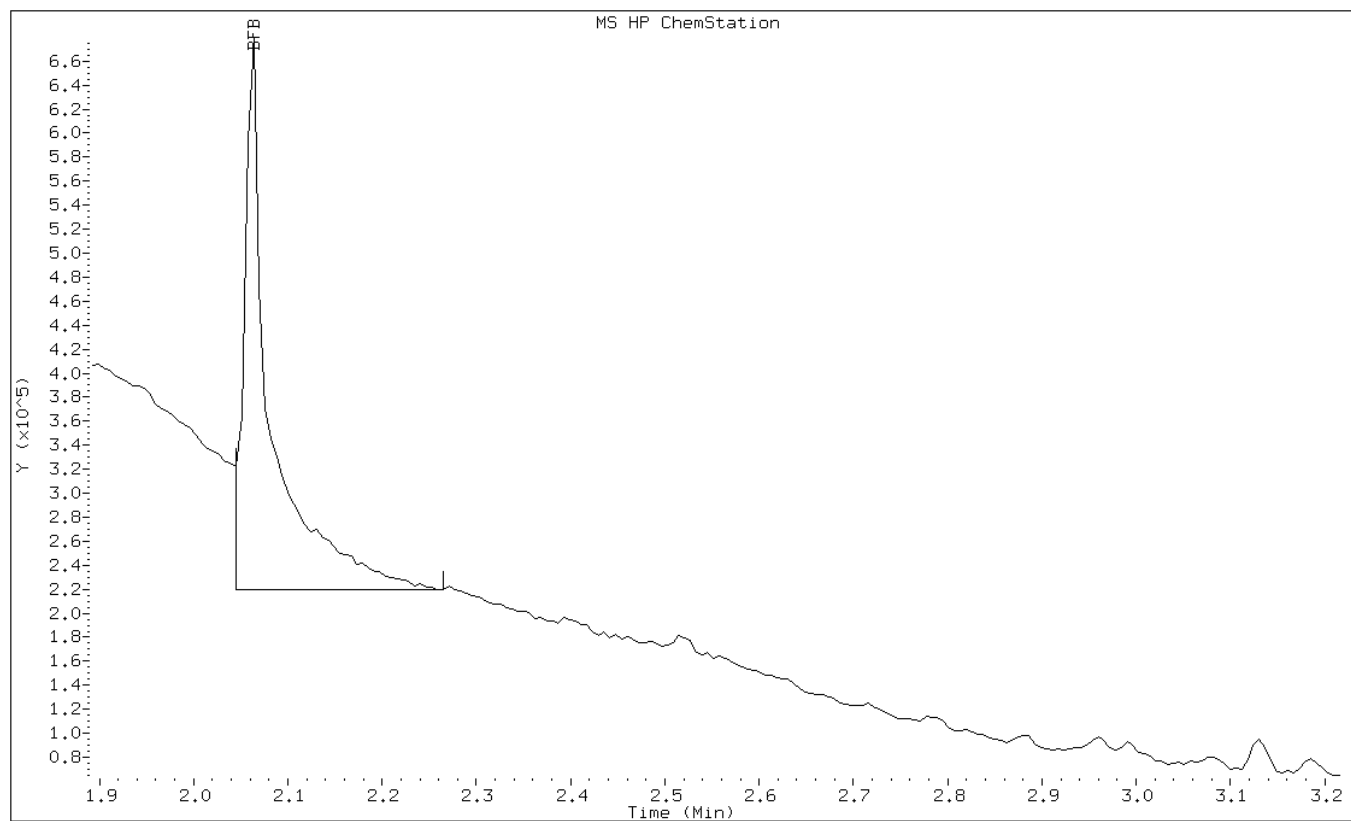
Date: 16-MAY-2011 07:52

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



Data File: d08980.d

Date: 16-MAY-2011 07:52

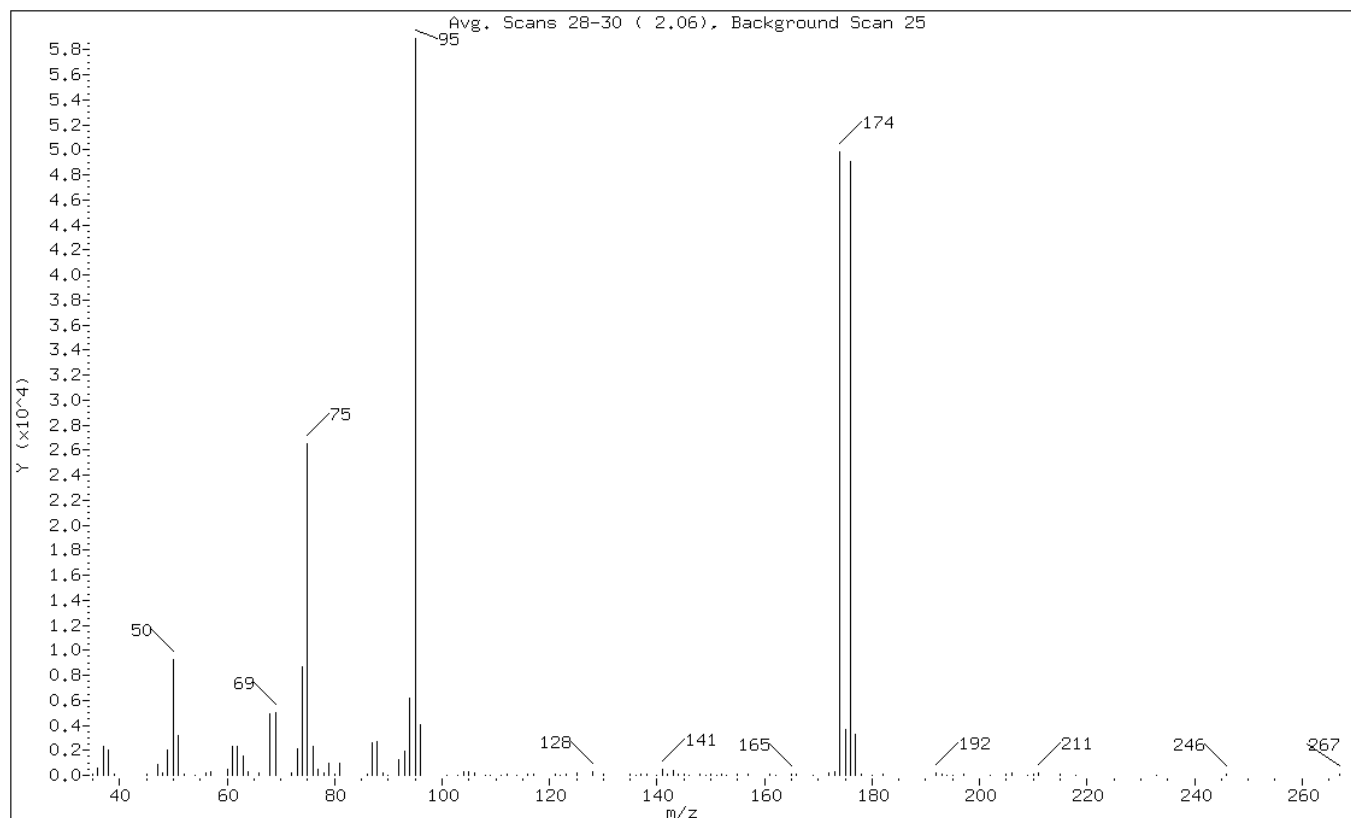
Client ID:

Instrument: VOAMS4.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	15.73
75	30.00 - 60.00% of mass 95	45.00
96	5.00 - 9.00% of mass 95	6.92
173	Less than 2.00% of mass 174	0.42 (0.50)
174	50.00 - 100.00% of mass 95	84.69
175	5.00 - 9.00% of mass 174	6.22 (7.34)
176	95.00 - 101.00% of mass 174	83.38 (98.44)
177	5.00 - 9.00% of mass 176	5.55 (6.65)

Data File: d08980.d

Date: 16-MAY-2011 07:52

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b/d08980.d
Spectrum: Avg. Scans 28-30 (2.06), Background Scan 25
Location of Maximum: 95.00
Number of points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	98	77.00	470	122.00	40	169.00	2
36.00	619	78.00	236	123.00	67	172.00	168
37.00	2294	79.00	971	125.00	155	173.00	247
38.00	1995	80.00	114	128.00	321	174.00	49880
39.00	128	81.00	982	130.00	67	175.00	3661
45.00	117	86.00	101	135.00	95	176.00	49104
47.00	881	87.00	2578	136.00	11	177.00	3267
48.00	158	88.00	2661	137.00	67	178.00	133
49.00	2004	89.00	158	138.00	75	180.00	3
50.00	9263	90.00	4	140.00	33	182.00	126
51.00	3134	92.00	1256	141.00	473	192.00	187
52.00	104	93.00	1943	142.00	83	193.00	51
54.00	18	94.00	6129	143.00	381	194.00	22
56.00	178	95.00	58896	144.00	89	195.00	2
57.00	273	96.00	4075	145.00	112	197.00	52
60.00	459	101.00	23	146.00	25	202.00	1
61.00	2340	103.00	10	148.00	63	205.00	58
62.00	2288	104.00	281	149.00	35	206.00	146
63.00	1529	105.00	244	150.00	68	209.00	3
64.00	254	106.00	159	151.00	14	210.00	111
66.00	145	108.00	21	152.00	90	211.00	199
68.00	4918	109.00	23	153.00	4	215.00	54
69.00	4992	111.00	12	155.00	85	218.00	8
72.00	220	112.00	66	157.00	118	233.00	11
73.00	2117	114.00	2	161.00	75	246.00	73
74.00	8715	116.00	97	162.00	12	267.00	57
75.00	26496	117.00	74	165.00	131		
76.00	2293	121.00	131	166.00	81		

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10670.d
 Report Date: 05-Jul-2011 08:45

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10670.d
 Lab Smp Id: BFB
 Inj Date : 05-JUL-2011 08:52
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/VOABFB.m
 Meth Date : 10-Jan-2011 17:29 ken
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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		RATIO
					ON-COL	FINAL	
				(ug/L)	(ug/L)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB					CAS #: 460-00-4	
2.045	2.100	(0.000)	95	36757		0.00- 100.00	100.00
2.045	2.100	(0.000)	50	6336		15.00- 40.00	17.24
2.045	2.100	(0.000)	75	17172		30.00- 60.00	46.72
2.045	2.100	(0.000)	96	2482		5.00- 9.00	6.75
2.045	2.100	(0.000)	173	0		0.00- 2.00	0.00
2.045	2.100	(0.000)	174	34817		50.00- 100.00	94.72
2.045	2.100	(0.000)	175	2647		5.00- 9.00	7.60
2.045	2.100	(0.000)	176	33811		95.00- 101.00	97.11
2.045	2.100	(0.000)	177	2241		5.00- 9.00	6.63

Data File: d10670.d

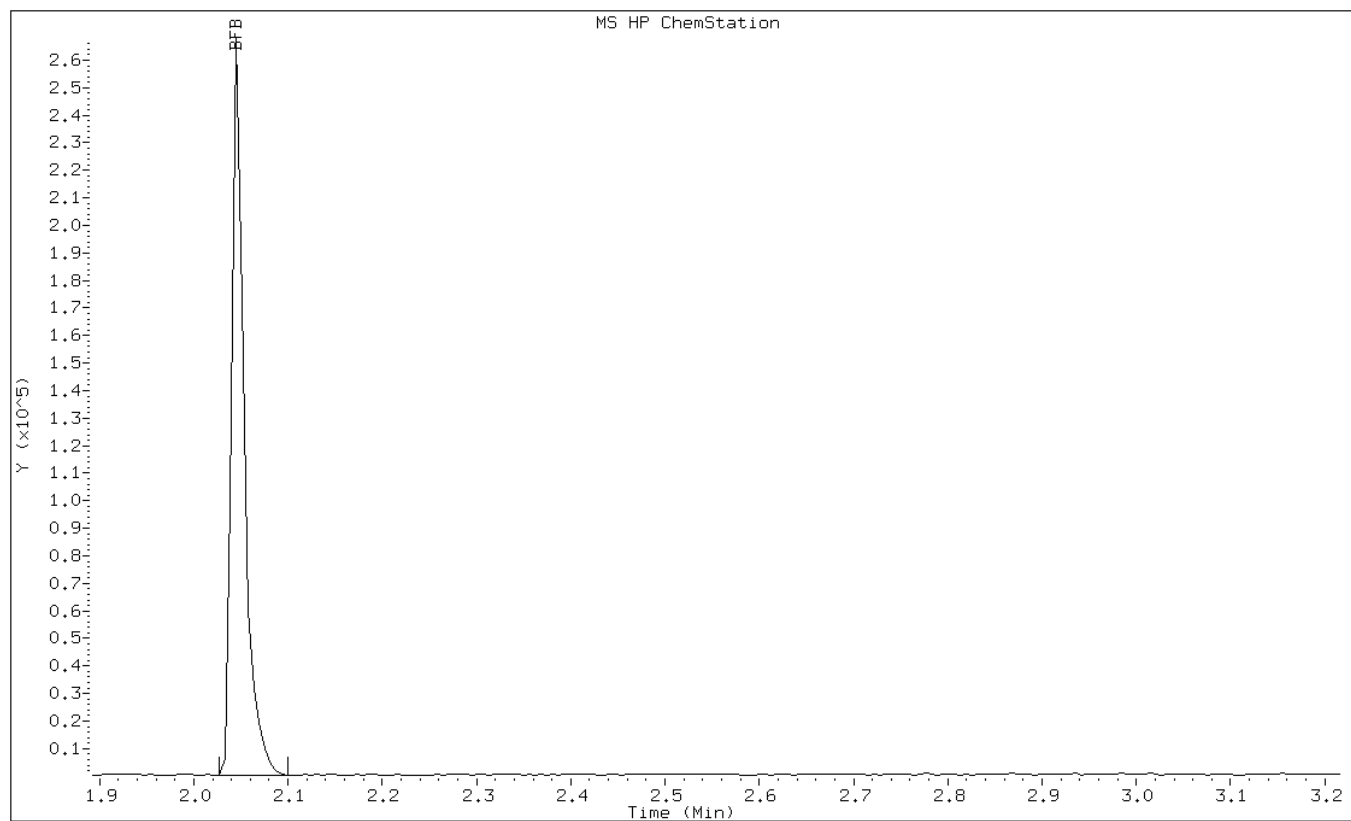
Date: 05-JUL-2011 08:52

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



Data File: d10670.d

Date: 05-JUL-2011 08:52

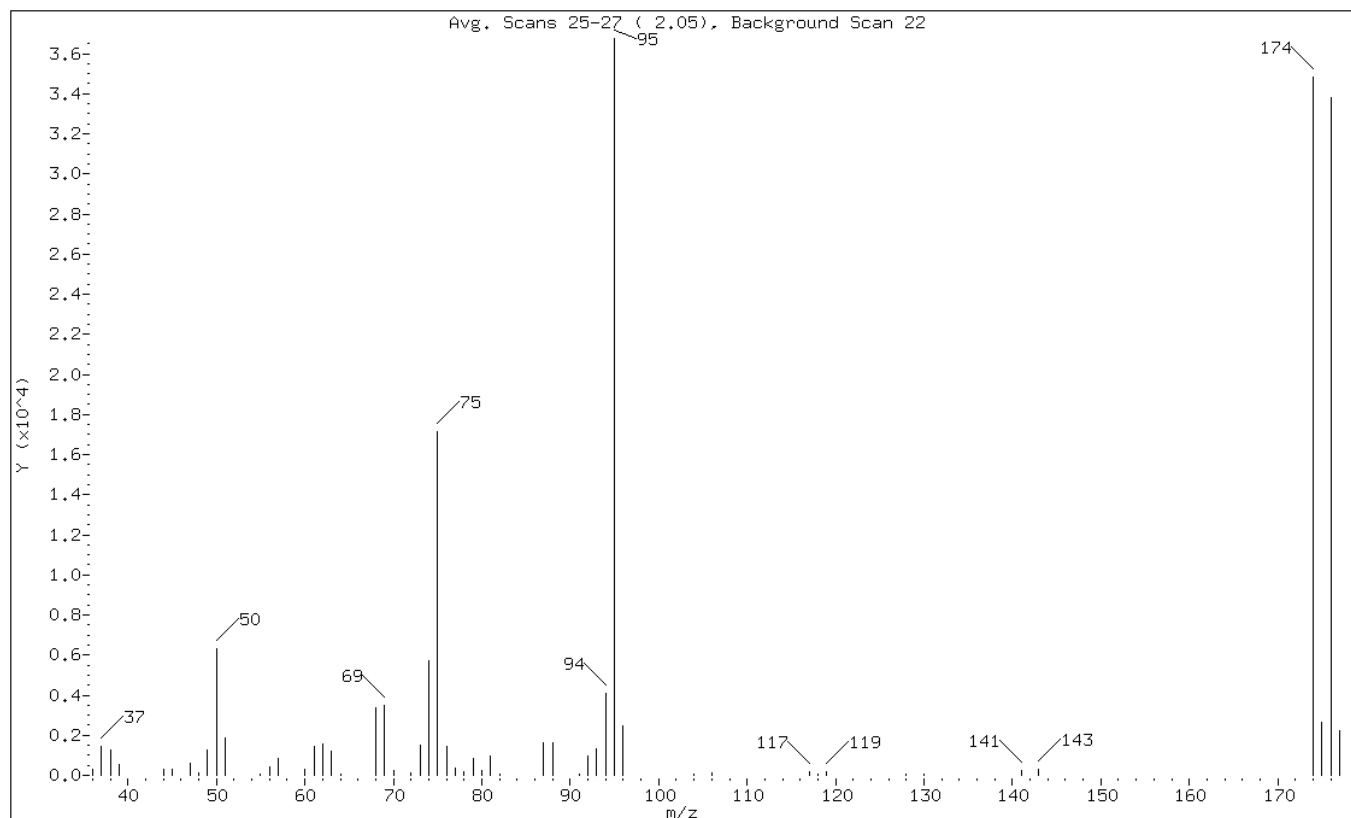
Client ID:

Instrument: VOAMS4.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	17.24
75	30.00 - 60.00% of mass 95	46.72
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	94.72
175	5.00 - 9.00% of mass 174	7.20 (7.60)
176	95.00 - 101.00% of mass 174	91.99 (97.11)
177	5.00 - 9.00% of mass 176	6.10 (6.63)

Data File: d10670.d

Date: 05-JUL-2011 08:52

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10670.d
Spectrum: Avg. Scans 25-27 (2.05), Background Scan 22
Location of Maximum: 95.00
Number of points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	297	60.00	289	78.00	201	106.00	110
37.00	1447	61.00	1473	79.00	858	117.00	170
38.00	1271	62.00	1570	80.00	240	118.00	60
39.00	571	63.00	1173	81.00	958	119.00	166
44.00	306	64.00	63	82.00	89	128.00	74
45.00	276	68.00	3385	87.00	1621	130.00	74
47.00	601	69.00	3510	88.00	1644	141.00	254
48.00	96	70.00	248	91.00	82	143.00	305
49.00	1282	72.00	131	92.00	974	174.00	34816
50.00	6336	73.00	1516	93.00	1325	175.00	2647
51.00	1879	74.00	5734	94.00	4081	176.00	33808
55.00	51	75.00	17168	95.00	36752	177.00	2241
56.00	394	76.00	1447	96.00	2482		
57.00	848	77.00	331	104.00	65		

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10697.d
 Report Date: 06-Jul-2011 06:48

TestAmerica

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10697.d
 Lab Smp Id: BFB
 Inj Date : 06-JUL-2011 06:52
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/VOABFB.m
 Meth Date : 10-Jan-2011 17:29 ken
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS4.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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		
2.045	2.100 (0.000)	95	45317			0.00- 100.00	100.00
2.045	2.100 (0.000)	50	7404			15.00- 40.00	16.34
2.045	2.100 (0.000)	75	21267			30.00- 60.00	46.93
2.045	2.100 (0.000)	96	3045			5.00- 9.00	6.72
2.045	2.100 (0.000)	173	187			0.00- 2.00	0.44
2.045	2.100 (0.000)	174	42074			50.00- 100.00	92.84
2.045	2.100 (0.000)	175	3201			5.00- 9.00	7.61
2.045	2.100 (0.000)	176	40700			95.00- 101.00	96.73
2.045	2.100 (0.000)	177	2738			5.00- 9.00	6.73

Data File: d10697.d

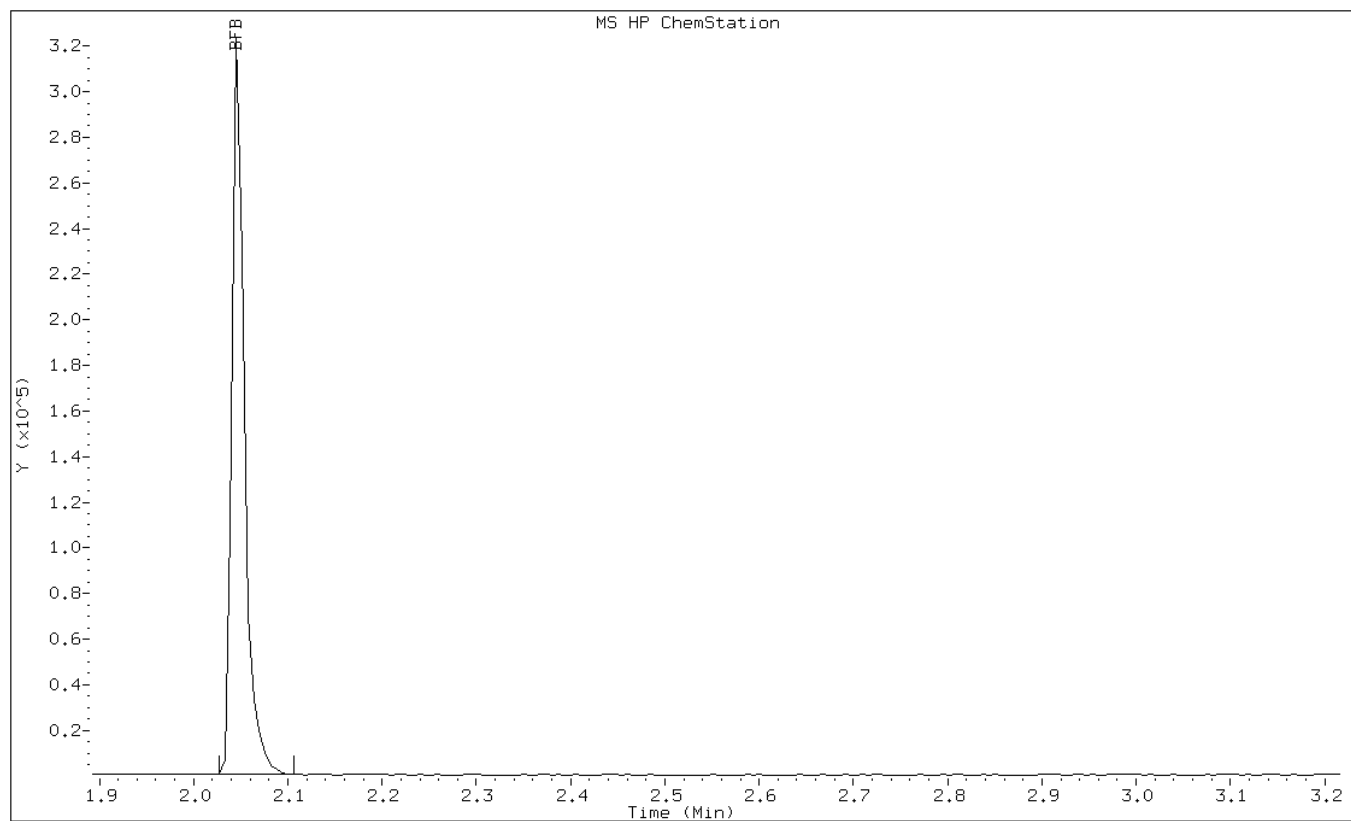
Date: 06-JUL-2011 06:52

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



Data File: d10697.d

Date: 06-JUL-2011 06:52

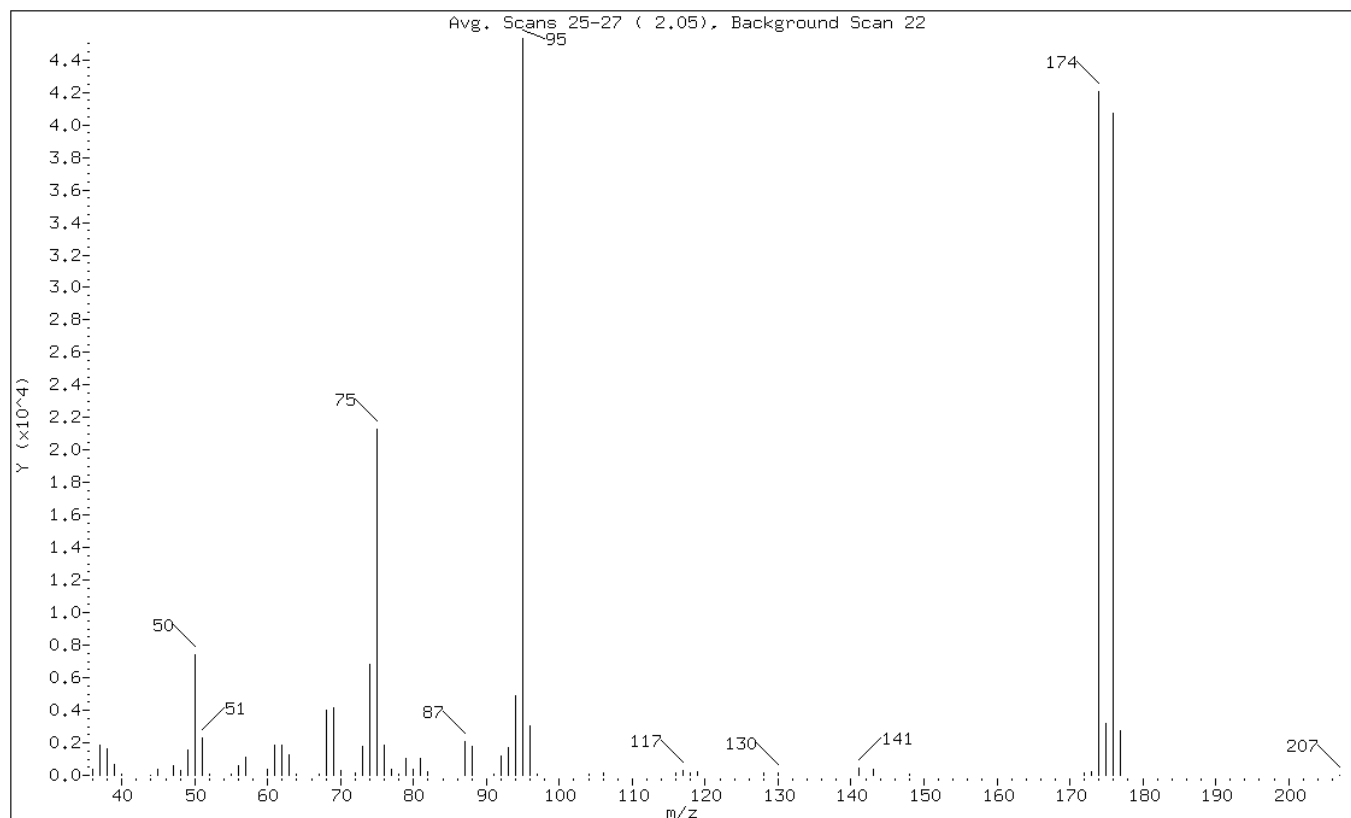
Client ID:

Instrument: VOAMS4.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	16.34
75	30.00 - 60.00% of mass 95	46.93
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.41 (0.44)
174	50.00 - 100.00% of mass 95	92.84
175	5.00 - 9.00% of mass 174	7.06 (7.61)
176	95.00 - 101.00% of mass 174	89.81 (96.73)
177	5.00 - 9.00% of mass 176	6.04 (6.73)

Data File: d10697.d

Date: 06-JUL-2011 06:52

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10697.d
Spectrum: Avg. Scans 25-27 (2.05), Background Scan 22
Location of Maximum: 95.00
Number of points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	342	60.00	392	79.00	1061	117.00	263
37.00	1847	61.00	1862	80.00	363	118.00	126
38.00	1618	62.00	1824	81.00	1029	119.00	208
39.00	681	63.00	1295	82.00	215	128.00	132
40.00	102	64.00	67	87.00	2099	130.00	153
44.00	16	67.00	60	88.00	1810	141.00	457
45.00	365	68.00	4025	91.00	99	143.00	397
47.00	619	69.00	4137	92.00	1171	148.00	65
48.00	284	70.00	310	93.00	1741	172.00	123
49.00	1546	72.00	171	94.00	4929	173.00	187
50.00	7404	73.00	1798	95.00	45312	174.00	42072
51.00	2310	74.00	6843	96.00	3045	175.00	3201
52.00	70	75.00	21264	97.00	105	176.00	40696
55.00	52	76.00	1881	104.00	73	177.00	2738
56.00	597	77.00	350	106.00	138	207.00	27
57.00	1081	78.00	104	116.00	129		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-78823/5

Matrix: Solid Lab File ID: d10676.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 12:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	10	U	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
78-93-3	2-Butanone	10	U	10	0.57
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
79-01-6	Trichloroethene	1.0	U	1.0	0.36
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
71-43-2	Benzene	1.0	U	1.0	0.74
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.70
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
591-78-6	2-Hexanone	10	U	10	1.7
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
108-88-3	Toluene	1.0	U	1.0	0.30
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
100-42-5	Styrene	1.0	U	1.0	0.35
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-78823/5
Matrix: Solid Lab File ID: d10676.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 12:40
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	99		66-126
460-00-4	Bromofluorobenzene	94		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10676.d
 Report Date: 05-Jul-2011 13:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10676.d
 Lab Smp Id: MB
 Inj Date : 05-JUL-2011 12:40
 Operator : VOAMS 9
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i

Quant Type: ISTD

Cal File: d08997.d

QC Sample: BLANK

Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	99156	47.6350	48
* 69 Fluorobenzene	96	4.661	4.661	(1.000)	377948	50.0000	
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	322830	49.4385	49
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	261747	50.0000	
\$ 41 Bromofluorobenzene (SUR)	174	9.117	9.117	(0.913)	123438	46.9801	47
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	148425	50.0000	

Data File: d10676.d

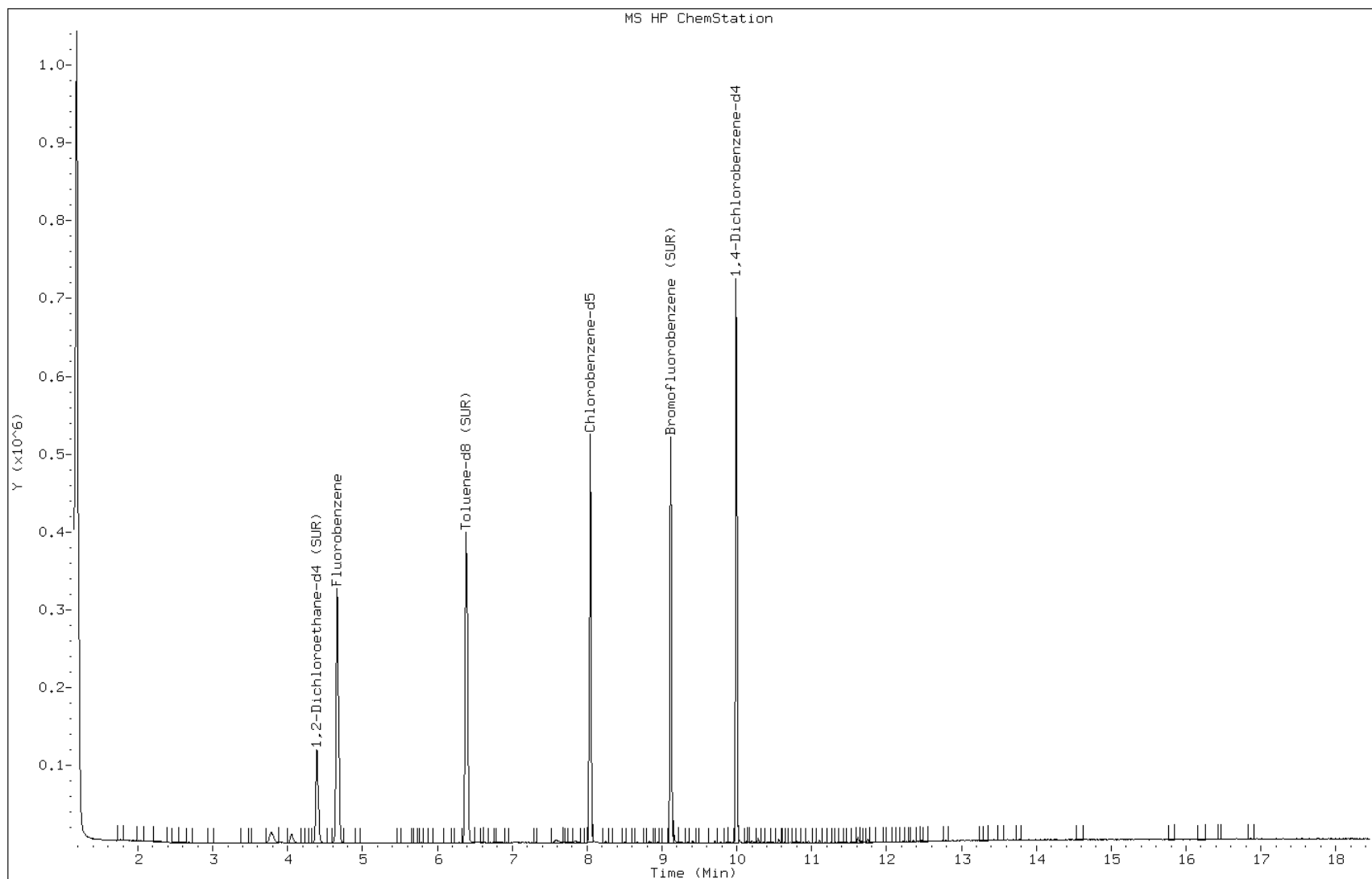
Date: 05-JUL-2011 12:40

Client ID:

Instrument: VOAMS4.i

Sample Info: MB

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-78833/3
 Matrix: Water Lab File ID: a65656.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 09:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-78833/3
Matrix: Water Lab File ID: a65656.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 09:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-122
2037-26-5	Toluene-d8 (Surr)	107		69-125
460-00-4	Bromofluorobenzene	94		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65656.d
 Report Date: 05-Jul-2011 10:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65656.d
 Lab Smp Id: MB
 Inj Date : 05-JUL-2011 09:36
 Operator : VOA GC/MS1 Inst ID: VOAMS1.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
 Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
 Cal Date : 21-MAY-2011 04:58 Cal File: a63945.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	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.206	(0.953)	115834		55.7525	56
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	376119		50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	348606		53.7420	54
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	266120		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.920)	93755		46.7743	47
* 108 1,4-Dichlorobenzene-d4	152	8.492	8.485	(1.000)	137040		50.0000	

Data File: a65656.d

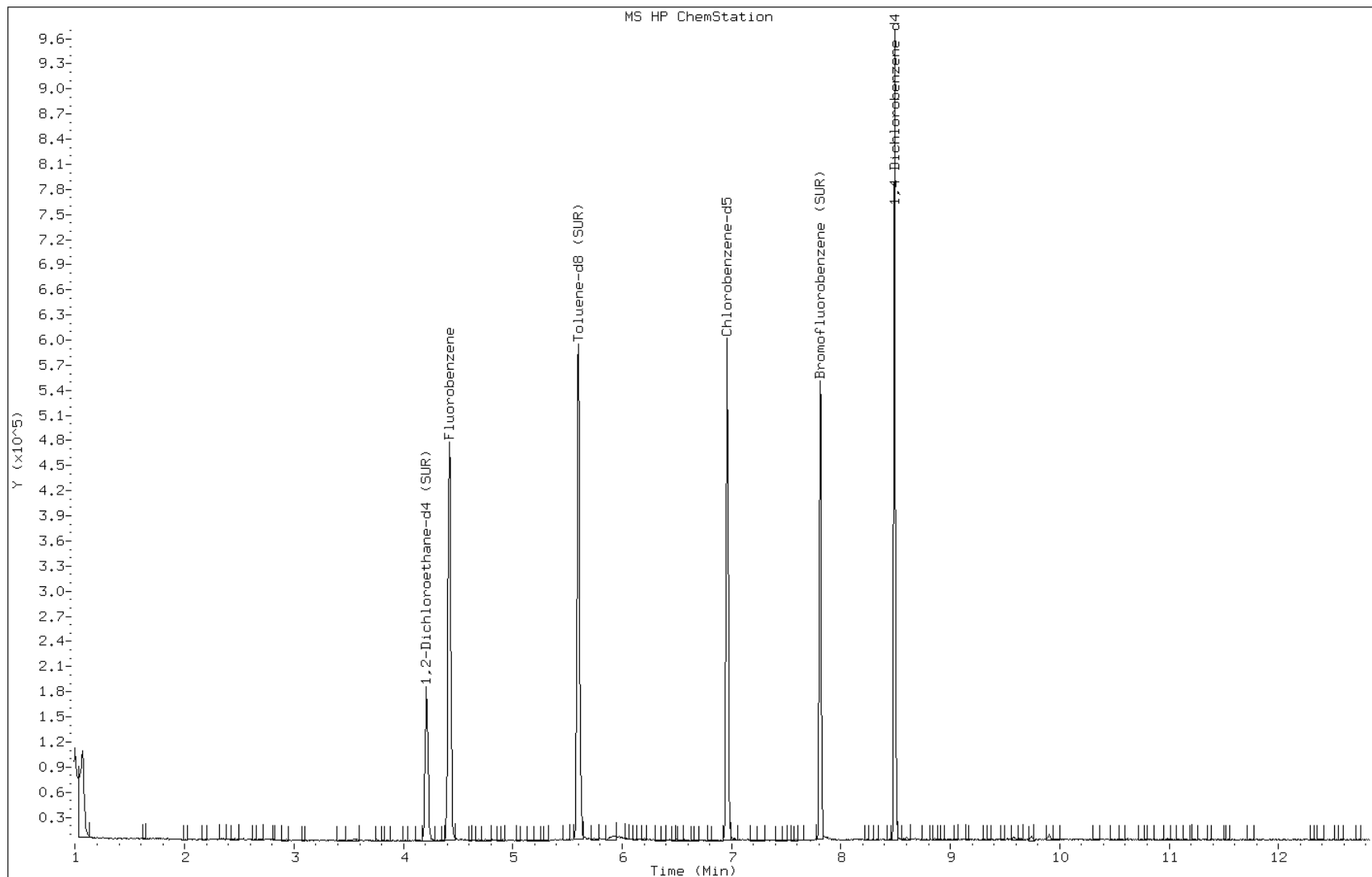
Date: 05-JUL-2011 09:36

Client ID:

Instrument: VOAMS1.i

Sample Info: MB

Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-78926/5

Matrix: Solid Lab File ID: d10703.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/06/2011 11:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	10	U	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
78-93-3	2-Butanone	10	U	10	0.57
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
79-01-6	Trichloroethene	1.0	U	1.0	0.36
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
71-43-2	Benzene	1.0	U	1.0	0.74
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
75-25-2	Bromoform	1.0	U	1.0	0.70
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
591-78-6	2-Hexanone	10	U	10	1.7
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
108-88-3	Toluene	1.0	U	1.0	0.30
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
100-42-5	Styrene	1.0	U	1.0	0.35
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-78926/5
Matrix: Solid Lab File ID: d10703.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/06/2011 11:47
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	95		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10703.d
 Report Date: 06-Jul-2011 12:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10703.d
 Lab Smp Id: MB
 Inj Date : 06-JUL-2011 11:47
 Operator : VOAMS 9
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/8260L_10.m
 Meth Date : 06-Jul-2011 07:17 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i

Quant Type: ISTD

Cal File: d08997.d

QC Sample: BLANK

Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	=====	==	=====	=====	=====	=====
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	94514	48.5502	48
* 69 Fluorobenzene	96	4.661	4.654	(1.000)	353463	50.0000	
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	302454	47.7410	48
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	253946	50.0000	
\$ 41 Bromofluorobenzene (SUR)	174	9.116	9.116	(0.913)	120640	47.6814	48
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	142927	50.0000	

Data File: d10703.d

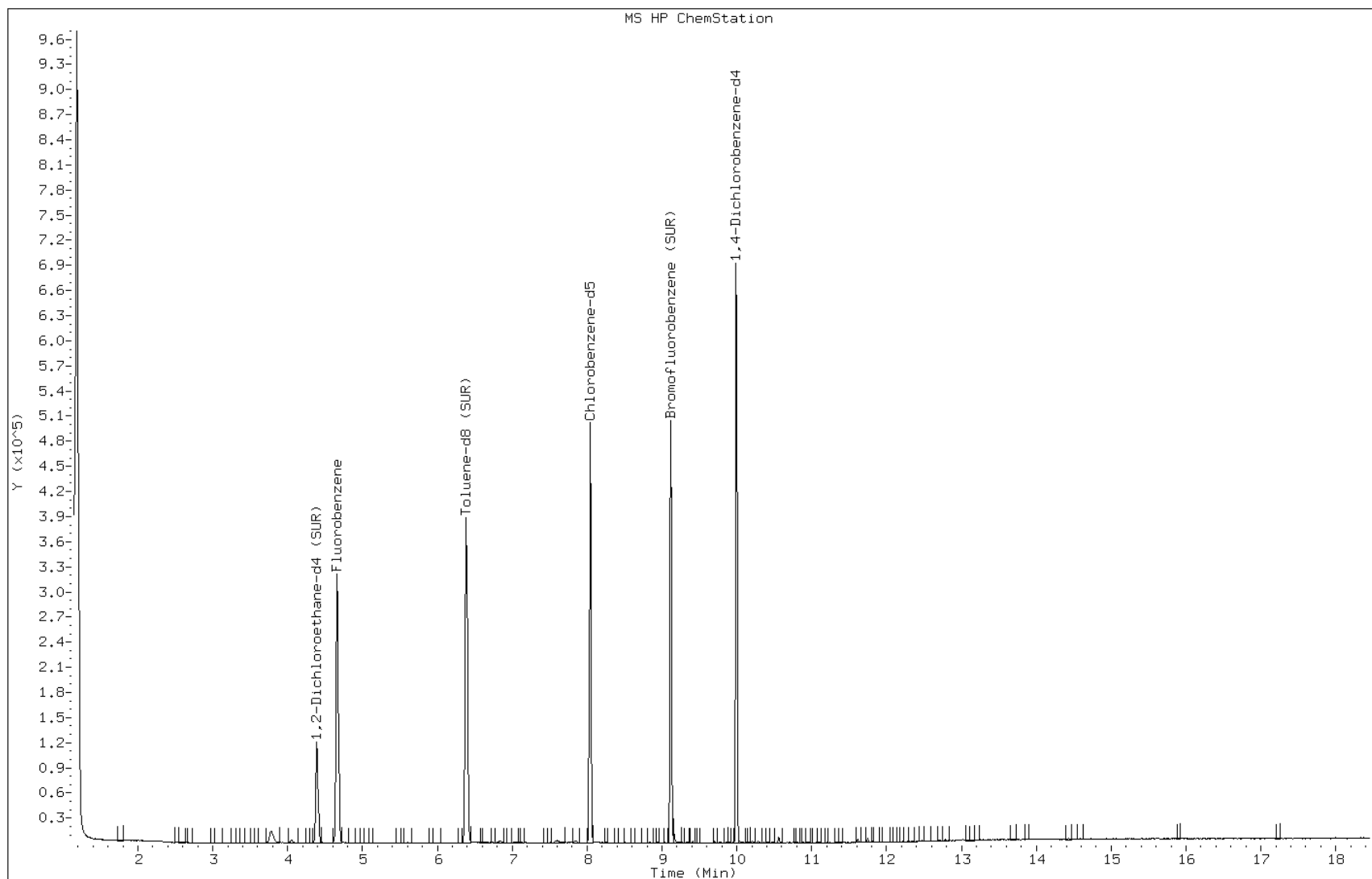
Date: 06-JUL-2011 11:47

Client ID:

Instrument: VOAMS4.i

Sample Info: MB

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-78823/3

Matrix: Solid Lab File ID: d10672.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 09:27

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.0		1.0	0.63
74-83-9	Bromomethane	17.6		1.0	0.41
75-01-4	Vinyl chloride	15.2		1.0	0.23
75-00-3	Chloroethane	17.0		1.0	0.40
75-09-2	Methylene Chloride	19.5		1.0	0.47
67-64-1	Acetone	20.1		10	3.7
75-15-0	Carbon disulfide	20.3		1.0	0.47
75-35-4	1,1-Dichloroethene	22.1		1.0	0.37
75-34-3	1,1-Dichloroethane	17.9		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	17.7		1.0	0.24
67-66-3	Chloroform	18.5		1.0	0.24
107-06-2	1,2-Dichloroethane	16.9		1.0	0.39
78-93-3	2-Butanone	14.2		10	0.57
71-55-6	1,1,1-Trichloroethane	18.1		1.0	0.19
56-23-5	Carbon tetrachloride	20.4		1.0	0.10
75-27-4	Bromodichloromethane	18.5		1.0	0.30
78-87-5	1,2-Dichloropropane	16.6		1.0	0.32
10061-01-5	cis-1,3-Dichloropropene	16.7		1.0	0.20
79-01-6	Trichloroethene	18.3		1.0	0.36
124-48-1	Dibromochloromethane	20.4		1.0	0.56
79-00-5	1,1,2-Trichloroethane	17.9		1.0	0.59
71-43-2	Benzene	17.8		1.0	0.74
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.22
75-25-2	Bromoform	22.4		1.0	0.70
108-10-1	4-Methyl-2-pentanone	15.3		10	0.72
591-78-6	2-Hexanone	16.8		10	1.7
127-18-4	Tetrachloroethene	21.3		1.0	0.33
79-34-5	1,1,2,2-Tetrachloroethane	17.5		1.0	0.76
108-88-3	Toluene	19.0		1.0	0.30
108-90-7	Chlorobenzene	19.0		1.0	0.48
100-41-4	Ethylbenzene	18.6		1.0	0.19
100-42-5	Styrene	18.0		1.0	0.35
1330-20-7	Xylenes, Total	56.7		3.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-78823/3
Matrix: Solid Lab File ID: d10672.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 09:27
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	96		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10672.d
 Report Date: 05-Jul-2011 09:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10672.d
 Lab Smp Id: LCS
 Inj Date : 05-JUL-2011 09:27
 Operator : VOAMS 9
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i

Quant Type: ISTD

Cal File: d08997.d

QC Sample: METHSPIKE

Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100					111705	36.6415	37
90 Dichlorodifluoromethane	85		1.273	1.266	(0.273)	55557	15.0947	15
1 Chloromethane	50		1.395	1.388	(0.299)	65690	14.0248	14
4 Vinyl Chloride	62		1.445	1.438	(0.310)	70044	15.1806	15
3 Bromomethane	94		1.645	1.646	(0.353)	47482	17.6040	18
5 Chloroethane	64		1.724	1.717	(0.370)	36624	17.0140	17
9 Trichlorofluoromethane	101		1.832	1.832	(0.393)	61759	12.8195	13
121 n-Pentane	72		1.760	1.753	(0.378)	9199	23.2756	23
46 Ethyl Ether	59		1.982	1.975	(0.425)	39893	18.2277	18
119 Isoprene	67		1.968	1.961	(0.422)	66819	17.5120	18
47 Acrolein	56		2.347	2.340	(0.504)	185548	339.088	340
10 1,1-Dichloroethene	96		2.111	2.104	(0.453)	59747	22.1180	22
48 Freon TF	101		2.211	2.204	(0.474)	62892	19.7811	20
7 Acetone	58		2.562	2.562	(0.550)	5349	20.0712	20

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10672.d
 Report Date: 05-Jul-2011 09:42

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.204	2.204	(0.473)	133867	23.0867	23
8 Carbon Disulfide	76	2.125	2.118	(0.456)	232303	20.2808	20
50 Acetonitrile	41	2.899	2.899	(0.622)	131500	314.090	310
125 Methyl acetate	74	2.655	2.656	(0.570)	12976	18.7607	19
6 Methylene Chloride	84	2.519	2.512	(0.540)	65514	19.5070	20
51 TBA	59	2.827	2.827	(0.607)	138813	327.331	330
52 Acrylonitrile	53	3.143	3.135	(0.674)	172942	150.829	150
12 trans-1,2-Dichloroethene	96	2.634	2.627	(0.565)	54605	18.9219	19
53 MTBE	73	2.727	2.727	(0.585)	163889	17.2164	17
54 Hexane	56	2.684	2.684	(0.576)	42591	17.5399	18
11 1,1-Dichloroethane	63	3.092	3.085	(0.663)	86827	17.8712	18
57 Vinyl Acetate	43	3.307	3.307	(0.710)	51520	13.4228	13
55 DIPE	45	3.021	3.014	(0.648)	160398	15.8416	16
149 tert-Butyl ethyl ether	59	3.307	3.300	(0.710)	162703	15.9358	16
104 2,2-Dichloropropane	77	3.615	3.615	(0.776)	71531	16.0409	16
13 cis-1,2-Dichloroethene	96	3.522	3.522	(0.756)	57099	17.7196	18
18 2-Butanone	72	4.038	4.038	(0.866)	8515	14.2370	14(R)
56 Ethyl Acetate	70	3.887	3.888	(0.834)	11035	32.9973	33
108 Bromochloromethane	128	3.687	3.687	(0.791)	30191	19.4243	19
15 Chloroform	83	3.766	3.759	(0.808)	89347	18.4836	18
20 1,1,1-Trichloroethane	97	3.930	3.931	(0.843)	82300	18.0911	18
59 Cyclohexane	56	3.687	3.680	(0.791)	100019	17.3440	17
21 Carbon Tetrachloride	117	3.866	3.873	(0.829)	93029	20.3966	20
92 1,1-Dichloropropene	75	4.031	4.031	(0.865)	65615	17.6548	18
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	103513	47.5570	48
28 Benzene	78	4.260	4.253	(0.914)	198078	17.7931	18
17 1,2-Dichloroethane	62	4.453	4.453	(0.955)	55899	16.8714	17
61 Isopropyl Acetate	43	4.747	4.747	(1.018)	169913	30.9903	31
140 tert-Amylmethyl Ether	73	4.396	4.396	(0.943)	151186	16.3983	16
* 69 Fluorobenzene	96	4.661	4.661	(1.000)	395202	50.0000	
62 n-Heptane	57	4.253	4.253	(0.529)	41122	18.4265	18
25 Trichloroethene	95	4.826	4.819	(1.035)	51181	18.2735	18
96 Ethyl Acrylate	55	5.442	5.442	(1.167)	50707	14.8628	15
126 Methyl cyclohexane	83	4.811	4.812	(1.032)	99109	17.9358	18
23 1,2-Dichloropropane	63	5.363	5.363	(1.151)	47244	16.6149	17
109 Dibromomethane	93	5.248	5.249	(1.126)	30904	17.6785	18
95 1,4-Dioxane	88	5.678	5.678	(1.218)	5007	144.804	140
146 Methyl methacrylate	69	5.664	5.664	(1.215)	29504	15.2021	15
64 Propyl Acetate	43	5.843	5.843	(1.254)	112713	30.0779	30
22 Bromodichloromethane	83	5.449	5.449	(1.169)	64198	18.4664	18
30 2-Chloroethyl Vinyl Ether	63	6.137	6.130	(1.317)	23637	14.7695	15(R)
118 Epichlorohydrin	57	6.481	6.481	(1.390)	98736	303.595	300
24 cis-1,3-Dichloropropene	75	6.165	6.165	(1.323)	72506	16.6917	17
33 4-Methyl-2-Pentanone	43	6.946	6.946	(1.490)	43979	15.3138	15
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	354180	49.1065	49
38 Toluene	91	6.445	6.445	(0.801)	203402	18.9653	19
29 trans-1,3-Dichloropropene	75	6.968	6.968	(0.866)	62425	17.6028	18

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10672.d
 Report Date: 05-Jul-2011 09:42

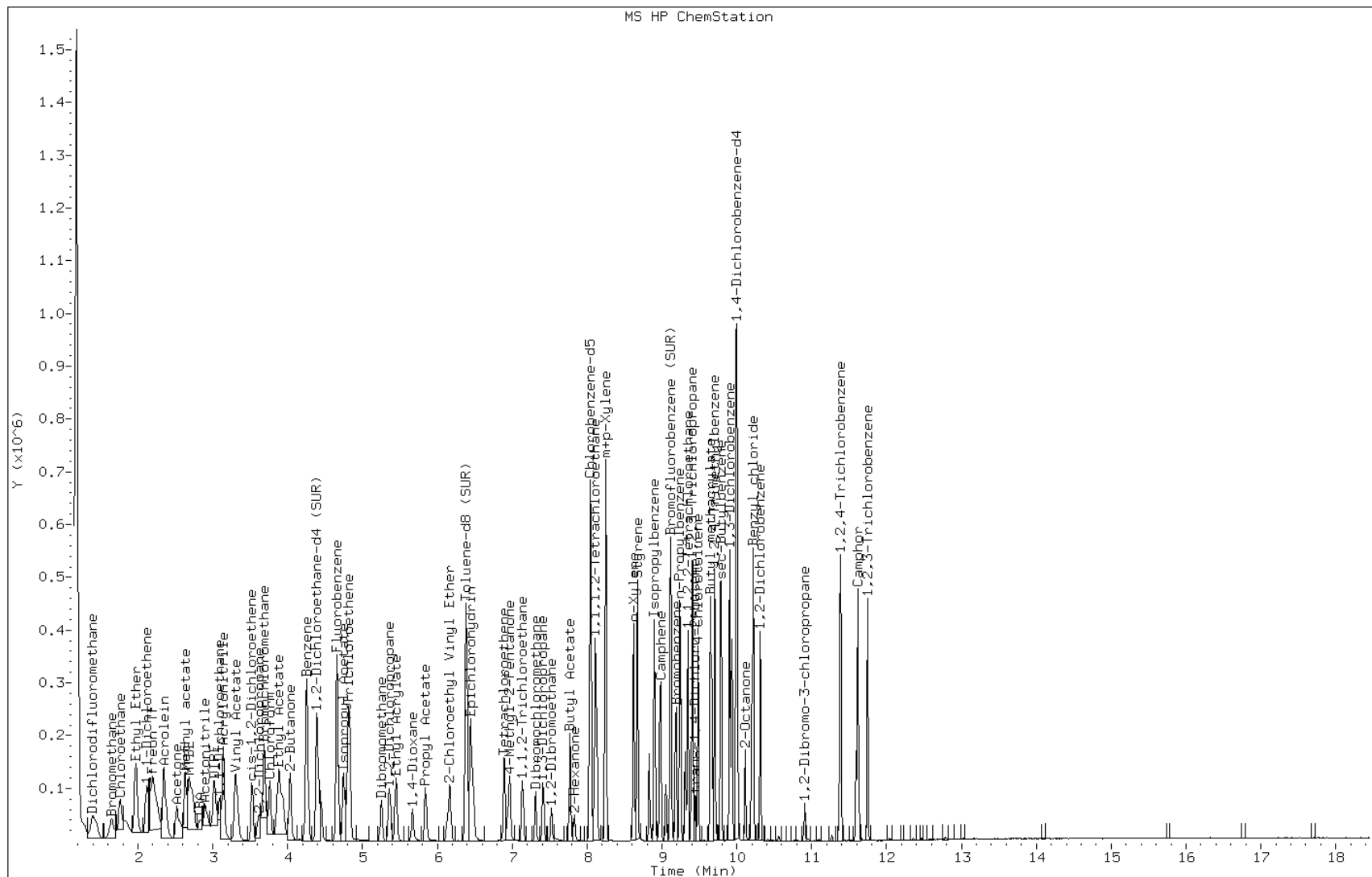
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.139	7.132	(0.888)	34783	17.8803	18
35 Tetrachloroethene	166	6.896	6.896	(0.857)	59114	21.3340	21
103 1,3-Dichloropropane	76	7.412	7.412	(0.922)	66617	17.6323	18
34 2-Hexanone	43	7.827	7.827	(0.973)	30971	16.7814	17
26 Dibromochloromethane	129	7.311	7.311	(0.909)	49241	20.4340	20
65 Butyl Acetate	43	7.770	7.770	(0.966)	123603	30.2926	30
66 1,2-Dibromoethane	107	7.526	7.519	(0.936)	40898	18.2057	18
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	289107	50.0000	
39 Chlorobenzene	112	8.056	8.056	(1.002)	133044	18.9614	19
97 1,1,1,2-Tetrachloroethane	131	8.128	8.128	(1.011)	57017	20.1668	20
40 Ethylbenzene	106	8.107	8.107	(1.008)	71341	18.6262	19
43 m+p-Xylene	106	8.250	8.250	(1.026)	179068	38.0333	38
44 o-Xylene	106	8.622	8.622	(1.072)	91327	18.6777	19
42 Styrene	104	8.672	8.672	(1.078)	135239	17.9530	18
31 Bromoform	173	8.672	8.672	(1.078)	37045	22.4255	22
110 Isopropylbenzene	105	8.902	8.902	(1.107)	233954	19.5660	20
\$ 41 Bromofluorobenzene (SUR)	174	9.117	9.117	(0.913)	137084	48.1334	48
150 Camphene	93	8.980	8.973	(0.899)	76507	18.2448	18
107 Bromobenzene	156	9.188	9.188	(0.920)	62770	19.2236	19
36 1,1,2,2-Tetrachloroethane	83	9.310	9.310	(0.932)	63173	17.4914	17
99 1,2,3-Trichloropropane	110	9.396	9.396	(0.940)	17980	17.8142	18
143 trans-1,4-Dichloro-2-butene	53	9.446	9.446	(2.027)	11517	14.5951	14
112 n-Propylbenzene	91	9.238	9.238	(0.925)	284752	17.6759	18
105 2-Chlorotoluene	91	9.346	9.346	(0.935)	166513	17.3010	17
106 4-Chlorotoluene	91	9.482	9.482	(0.949)	158307	17.1532	17
102 1,3,5-Trimethylbenzene	105	9.410	9.410	(0.942)	205389	17.7861	18
148 Butyl methacrylate	69	9.668	9.668	(0.968)	73722	14.9492	15(R)
115 tert-Butylbenzene	119	9.647	9.647	(0.966)	174496	18.5251	18
100 1,2,4-Trimethylbenzene	105	9.704	9.704	(0.971)	214173	18.1719	18
151 2-Octanone	43	10.112	10.112	(1.012)	59803	13.7537	14(R)
114 sec-Butylbenzene	105	9.790	9.783	(0.980)	281996	18.6570	19
67 1,3-Dichlorobenzene	146	9.933	9.933	(0.994)	121663	19.7694	20
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	160884	50.0000	
68 1,4-Dichlorobenzene	146	10.005	10.005	(1.001)	120611	19.5106	20
113 p-Isopropyltoluene	119	9.904	9.905	(0.991)	233025	18.3362	18
69 1,2-Dichlorobenzene	146	10.313	10.313	(1.032)	123017	19.5015	20
117 Benzyl chloride	91	10.220	10.220	(1.023)	343521	18.0129	18
111 n-Butylbenzene	91	10.220	10.220	(1.023)	343521	18.0129	18
101 1,2-Dibromo-3-chloropropane	75	10.907	10.907	(1.092)	12391	17.3697	17
152 Camphor	95	11.595	11.595	(1.161)	33221	73.3819	73
93 1,2,4-Trichlorobenzene	180	11.387	11.387	(1.140)	109057	20.4674	20
94 Hexachlorobutadiene	225	11.373	11.373	(1.138)	56158	22.2545	22
70 Naphthalene	128	11.616	11.616	(1.163)	261227	18.8790	19
98 1,2,3-Trichlorobenzene	180	11.745	11.745	(1.176)	108944	20.2540	20
M 45 Xylene (Total)	100				270395	56.7023	57

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10672.d
Report Date: 05-Jul-2011 09:42

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-78833/5

Matrix: Water Lab File ID: a65658.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 10:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.8		1.0	0.21
74-83-9	Bromomethane	17.9		1.0	0.31
75-01-4	Vinyl chloride	16.7		1.0	0.13
75-00-3	Chloroethane	19.6		1.0	0.45
75-09-2	Methylene Chloride	19.7		1.0	0.19
67-64-1	Acetone	19.1		10	2.5
75-15-0	Carbon disulfide	15.6		1.0	0.15
75-35-4	1,1-Dichloroethene	19.3		1.0	0.14
75-34-3	1,1-Dichloroethane	19.2		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.20
67-66-3	Chloroform	19.7		1.0	0.15
107-06-2	1,2-Dichloroethane	20.3		1.0	0.24
78-93-3	2-Butanone	18.5		10	0.82
71-55-6	1,1,1-Trichloroethane	18.1		1.0	0.25
56-23-5	Carbon tetrachloride	18.3		1.0	0.19
75-27-4	Bromodichloromethane	17.9		1.0	0.093
78-87-5	1,2-Dichloropropane	18.3		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.11
79-01-6	Trichloroethene	18.3		1.0	0.18
124-48-1	Dibromochloromethane	17.2		1.0	0.11
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.10
71-43-2	Benzene	19.6		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	16.3		1.0	0.12
75-25-2	Bromoform	15.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	16.2		10	0.68
591-78-6	2-Hexanone	14.4		10	0.55
127-18-4	Tetrachloroethene	19.3		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.090
108-88-3	Toluene	19.8		1.0	0.090
108-90-7	Chlorobenzene	20.4		1.0	0.16
100-41-4	Ethylbenzene	18.2		1.0	0.25
100-42-5	Styrene	18.8		1.0	0.13
1330-20-7	Xylenes, Total	56.3		3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-78833/5
Matrix: Water Lab File ID: a65658.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 10:16
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-122
2037-26-5	Toluene-d8 (Surr)	110		69-125
460-00-4	Bromofluorobenzene	92		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65658.d
 Report Date: 05-Jul-2011 10:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65658.d
 Lab Smp Id: LCS
 Inj Date : 05-JUL-2011 10:16
 Operator : VOA GC/MS1
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
 Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
 Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
 Als bottle: 7 QC Sample: METHSPIKE
 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)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.151	1.139	(0.261)	43541	16.0131	16
3 Chloromethane	50	1.273	1.261	(0.288)	66721	16.7990	17
4 Vinyl Chloride	62	1.353	1.340	(0.306)	63376	16.6896	17
6 Bromomethane	94	1.560	1.554	(0.353)	39288	17.8687	18
5 Chloroethane	64	1.615	1.609	(0.365)	43022	19.5950	20
7 Trichlorofluoromethane	101	1.804	1.785	(0.408)	77595	20.3359	20
8 n-Pentane	72	1.786	1.785	(0.404)	11204	25.1027	25
10 Isoprene	67	1.993	1.974	(0.451)	78563	20.2840	20
11 Ethyl Ether	59	1.968	1.956	(0.445)	42024	19.0806	19
13 Acrolein	56	2.139	2.121	(0.484)	16900	54.8666	55
15 1,1-Dichloroethene	96	2.170	2.163	(0.491)	40896	19.3360	19
14 Freon TF	101	2.176	2.163	(0.492)	50912	21.7779	22
16 Acetone	43	2.261	2.243	(0.512)	12999	19.1078	19
17 Iodomethane	142	2.310	2.304	(0.523)	69134	18.3916	18
18 Carbon Disulfide	76	2.340	2.334	(0.530)	132925	15.6244	16
19 Isopropanol	45	2.365	2.346	(0.535)	413829	2796.65	2800

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65658.d
 Report Date: 05-Jul-2011 10:34

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.535	2.529	(0.574)	18520	354.933	350
27 Methyl Acetate	74	2.493	2.480	(0.564)	9400	18.1307	18
22 Methylene Chloride	84	2.596	2.590	(0.588)	48502	19.6575	20
24 TBA	59	2.688	2.676	(0.608)	77830	320.872	320
25 trans-1,2-Dichloroethene	96	2.773	2.761	(0.628)	44821	18.3364	18
26 Acrylonitrile	53	2.846	2.834	(0.644)	15853	16.2420	16
28 MTBE	73	2.761	2.755	(0.625)	127910	16.8452	17
30 1,1-Dichloroethane	63	3.133	3.127	(0.709)	85716	19.2277	19
31 Vinyl Acetate	43	3.151	3.127	(0.713)	134105	24.2141	24
32 DIPE	45	3.127	3.121	(0.708)	157570	16.5246	16
34 n-Propanol	60	3.236	3.224	(0.732)	17996	2235.77	2200
35 t-Butyl-ethyl-ether	59	3.401	3.401	(0.770)	142650	16.1821	16
37 2,2-Dichloropropane	77	3.572	3.566	(0.808)	70209	23.8605	24
36 cis-1,2-Dichloroethene	96	3.584	3.578	(0.811)	48185	18.4823	18
38 2-Butanone	72	3.602	3.596	(0.815)	4671	18.4684	18
39 Ethyl Acetate	70	3.614	3.608	(0.818)	7383	33.3117	33
40 Bromochloromethane	128	3.767	3.761	(0.852)	21521	18.2729	18
41 Tetrahydrofuran	42	3.767	3.761	(0.852)	11775	18.4205	18
42 Chloroform	83	3.822	3.816	(0.865)	80026	19.6550	20
43 1,1,1-Trichloroethane	97	3.925	3.931	(0.888)	69336	18.1353	18
44 Cyclohexane	56	3.919	3.919	(0.887)	84308	16.5949	16
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	56207	18.3017	18
46 1,1-Dichloropropene	75	4.047	4.041	(0.916)	60204	17.9510	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.206	(0.953)	123873	55.6428	56
48 Benzene	78	4.194	4.194	(0.602)	179698	19.5812	20
49 1,2-Dichloroethane	62	4.267	4.267	(0.966)	63269	20.3033	20
50 t-Amyl-methyl-ether	73	4.267	4.261	(0.966)	121137	15.9473	16
61 Isopropyl Acetate	43	4.261	4.261	(0.964)	202941	34.9072	35
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	403015	50.0000	
54 Trichloroethene	95	4.681	4.681	(1.059)	46068	18.2503	18
56 Methyl cyclohexane	83	4.773	4.773	(1.080)	82064	17.9135	18
55 Ethyl Acrylate	55	4.779	4.773	(1.081)	115844	17.3170	17
57 1,2-Dichloropropane	63	4.889	4.882	(1.106)	47852	18.3478	18
58 Dibromomethane	93	4.980	4.974	(1.127)	25829	19.3569	19
60 1,4-Dioxane	88	4.974	4.974	(1.126)	2763	110.835	110
59 Methyl Methacrylate	100	4.950	4.949	(1.120)	8511	15.0861	15
75 Propyl Acetate	43	4.992	4.992	(1.130)	109529	34.1180	34
68 Bromodichloromethane	83	5.090	5.090	(1.152)	55565	17.9220	18
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	20462	13.6435	14
63 Epichlorohydrin	57	5.395	5.388	(0.775)	68326	367.341	370
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	60920	17.8465	18
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	36849	16.2230	16
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	374126	54.8741	55
66 Toluene	91	5.657	5.657	(0.813)	197327	19.7605	20
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	51368	16.2919	16
69 1,1,2-Trichloroethane	83	6.090	6.090	(0.875)	31495	20.0372	20
71 Tetrachloroethene	166	6.126	6.126	(0.880)	40234	19.2675	19

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65658.d
 Report Date: 05-Jul-2011 10:34

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	62901	18.6497	19
73 2-Hexanone	43	6.321	6.315	(0.908)	21720	14.3662	14
74 Dibromochloromethane	129	6.461	6.455	(0.928)	33483	17.2447	17
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	33754	19.0565	19
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	279709	50.0000	
79 Chlorobenzene	112	6.986	6.986	(1.004)	121080	20.3955	20
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	40725	18.8572	19
81 Ethylbenzene	106	7.047	7.053	(1.012)	61790	18.2480	18
82 m+p-Xylene	106	7.144	7.144	(1.026)	160629	37.7739	38
84 o-Xylene	106	7.437	7.437	(1.068)	79601	18.5395	18
85 Styrene	104	7.455	7.461	(1.071)	135539	18.7806	19
86 Bromoform	173	7.601	7.601	(1.092)	16971	14.9958	15
88 Isopropylbenzene	105	7.681	7.681	(1.103)	205580	20.4662	20
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.920)	103468	46.1889	46
90 Camphene (total)	93	7.821	7.827	(1.123)	89118	21.5940	22
91 Bromobenzene	156	7.900	7.900	(0.930)	46932	18.1271	18
92 1,1,2,2-Tetrachloroethane	83	7.925	7.931	(0.933)	49024	22.4902	22
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.936)	13752	19.4404	19
95 n-Propylbenzene	91	7.943	7.943	(0.935)	266632	19.5636	20
96 2-Chlorotoluene	91	8.010	8.010	(0.943)	154362	18.8061	19
97 1,3,5-Trimethylbenzene	105	8.059	8.059	(0.948)	175914	17.9485	18
98 4-Chlorotoluene	91	8.083	8.083	(0.951)	166188	19.3957	19
99 Butyl Methacrylate	87	8.114	8.114	(0.955)	59965	15.6336	16
100 tert-Butylbenzene	119	8.242	8.235	(0.970)	145184	17.6600	18
101 1,2,4-Trimethylbenzene	105	8.278	8.272	(0.974)	183137	18.2925	18
103 sec-Butylbenzene	105	8.370	8.357	(0.985)	249948	19.8718	20
105 1,3-Dichlorobenzene	146	8.455	8.443	(0.995)	103091	19.5477	20
107 p-Isopropyltoluene	119	8.449	8.443	(0.994)	197833	18.5997	18
* 108 1,4-Dichlorobenzene-d4	152	8.498	8.485	(1.000)	153154	50.0000	
109 1,4-Dichlorobenzene	146	8.510	8.498	(1.001)	105947	19.8870	20
106 n-Butylbenzene	91	8.674	8.656	(1.021)	204863	19.6614	20
111 1,2-Dichlorobenzene	146	8.717	8.699	(1.026)	97613	19.0105	19
112 1,2-Dibromo-3-chloropropane	75	9.144	9.107	(1.076)	7995	16.6977	17
114 1,2,4-Trichlorobenzene	180	9.595	9.558	(1.129)	65220	18.0242	18
115 Hexachlorobutadiene	225	9.662	9.619	(1.137)	29586	11.6079	12
116 Naphthalene	128	9.760	9.717	(1.149)	123494	16.7467	17
117 1,2,3-Trichlorobenzene	180	9.918	9.881	(1.167)	50381	18.4782	18
M 120 1,2-Dichloroethene (Total)	100				93007	36.8187	37
M 121 Xylene (Total)	100				240231	56.3134	56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-78926/3

Matrix: Solid Lab File ID: d10700.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/06/2011 09:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.3		1.0	0.63
74-83-9	Bromomethane	19.8		1.0	0.41
75-01-4	Vinyl chloride	16.7		1.0	0.23
75-00-3	Chloroethane	19.5		1.0	0.40
75-09-2	Methylene Chloride	19.4		1.0	0.47
67-64-1	Acetone	21.2		10	3.7
75-15-0	Carbon disulfide	19.8		1.0	0.47
75-35-4	1,1-Dichloroethene	21.5		1.0	0.37
75-34-3	1,1-Dichloroethane	17.9		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.24
67-66-3	Chloroform	19.4		1.0	0.24
107-06-2	1,2-Dichloroethane	17.8		1.0	0.39
78-93-3	2-Butanone	16.3		10	0.57
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.19
56-23-5	Carbon tetrachloride	20.0		1.0	0.10
75-27-4	Bromodichloromethane	19.2		1.0	0.30
78-87-5	1,2-Dichloropropane	17.7		1.0	0.32
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.20
79-01-6	Trichloroethene	19.5		1.0	0.36
124-48-1	Dibromochloromethane	21.6		1.0	0.56
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.59
71-43-2	Benzene	18.7		1.0	0.74
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.22
75-25-2	Bromoform	24.0		1.0	0.70
108-10-1	4-Methyl-2-pentanone	16.3		10	0.72
591-78-6	2-Hexanone	17.6		10	1.7
127-18-4	Tetrachloroethene	22.7		1.0	0.33
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.0	0.76
108-88-3	Toluene	19.5		1.0	0.30
108-90-7	Chlorobenzene	19.7		1.0	0.48
100-41-4	Ethylbenzene	19.6		1.0	0.19
100-42-5	Styrene	18.9		1.0	0.35
1330-20-7	Xylenes, Total	59.4		3.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-78926/3
Matrix: Solid Lab File ID: d10700.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/06/2011 09:52
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-138
2037-26-5	Toluene-d8 (Surr)	97		66-126
460-00-4	Bromofluorobenzene	98		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10700.d
 Report Date: 07-Jul-2011 09:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10700.d
 Lab Smp Id: LCS
 Inj Date : 06-JUL-2011 09:52
 Operator : VOAMS 9
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/8260L_10.m
 Meth Date : 06-Jul-2011 07:17 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i

Quant Type: ISTD

Cal File: d08997.d

QC Sample: METHSPIKE

Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

						CONCENTRATIONS	
		QUANT	SIG				
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100				115511	37.5403	38
90 Dichlorodifluoromethane	85	1.280	1.266	(0.275)	61130	16.4583	16
1 Chloromethane	50	1.395	1.380	(0.299)	72475	15.3332	15
4 Vinyl Chloride	62	1.445	1.431	(0.310)	77571	16.6595	17
3 Bromomethane	94	1.653	1.638	(0.355)	53824	19.7747	20
5 Chloroethane	64	1.724	1.717	(0.370)	42456	19.5449	20
9 Trichlorofluoromethane	101	1.832	1.824	(0.393)	109090	22.4386	22
121 n-Pentane	72	1.760	1.753	(0.378)	8147	20.4283	20
46 Ethyl Ether	59	1.982	1.975	(0.425)	39476	17.8736	18
119 Isoprene	67	1.968	1.961	(0.422)	67369	17.4959	17
47 Acrolein	56	2.347	2.340	(0.504)	176313	319.291	320
10 1,1-Dichloroethene	96	2.111	2.097	(0.453)	58701	21.5339	22
48 Freon TF	101	2.211	2.190	(0.474)	60539	18.8684	19
7 Acetone	58	2.562	2.562	(0.550)	5696	21.1805	21

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10700.d
 Report Date: 07-Jul-2011 09:59

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.204	2.197	(0.473)	136644	23.3520	23
8 Carbon Disulfide	76	2.125	2.118	(0.456)	228612	19.7776	20
50 Acetonitrile	41	2.906	2.899	(0.623)	110412	261.331	260
125 Methyl acetate	74	2.655	2.648	(0.570)	13744	19.6905	20
6 Methylene Chloride	84	2.519	2.512	(0.540)	65651	19.3706	19
51 TBA	59	2.834	2.827	(0.608)	130188	304.211	300
52 Acrylonitrile	53	3.143	3.135	(0.674)	170620	147.455	150
12 trans-1,2-Dichloroethene	96	2.627	2.627	(0.564)	56289	19.3287	19
53 MTBE	73	2.734	2.727	(0.587)	168982	17.5905	18
54 Hexane	56	2.684	2.677	(0.576)	47260	19.2863	19
11 1,1-Dichloroethane	63	3.092	3.085	(0.663)	87599	17.8667	18
57 Vinyl Acetate	43	3.307	3.300	(0.710)	51781	13.3685	13
55 DIPE	45	3.021	3.014	(0.648)	161384	15.7945	16
149 tert-Butyl ethyl ether	59	3.307	3.300	(0.710)	169056	16.4079	16
104 2,2-Dichloropropane	77	3.615	3.608	(0.776)	72273	16.0604	16
13 cis-1,2-Dichloroethene	96	3.522	3.515	(0.756)	59222	18.2116	18
18 2-Butanone	72	4.045	4.031	(0.868)	9795	16.2521	16
56 Ethyl Acetate	70	3.887	3.880	(0.834)	11823	35.0319	35
108 Bromochloromethane	128	3.687	3.680	(0.791)	31575	20.1303	20
15 Chloroform	83	3.759	3.759	(0.806)	94545	19.3818	19
20 1,1,1-Trichloroethane	97	3.930	3.930	(0.843)	81687	17.7936	18
59 Cyclohexane	56	3.687	3.673	(0.791)	94444	16.2288	16
21 Carbon Tetrachloride	117	3.866	3.859	(0.829)	92093	20.0083	20
92 1,1-Dichloropropene	75	4.031	4.031	(0.865)	69905	18.6386	19
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	108935	49.5945	50
28 Benzene	78	4.260	4.253	(0.914)	209562	18.6540	19
17 1,2-Dichloroethane	62	4.453	4.446	(0.955)	59544	17.8085	18
61 Isopropyl Acetate	43	4.747	4.747	(1.018)	182560	32.9952	33
140 tert-Amylmethyl Ether	73	4.396	4.396	(0.943)	153462	16.4942	16
* 69 Fluorobenzene	96	4.661	4.654	(1.000)	398816	50.0000	
62 n-Heptane	57	4.253	4.246	(0.529)	43700	18.6226	19
25 Trichloroethene	95	4.826	4.819	(1.035)	55120	19.5013	20
96 Ethyl Acrylate	55	5.442	5.442	(1.167)	54240	15.7543	16
126 Methyl cyclohexane	83	4.811	4.804	(1.032)	99795	17.8962	18
23 1,2-Dichloropropane	63	5.363	5.356	(1.151)	50714	17.6736	18
109 Dibromomethane	93	5.248	5.248	(1.126)	33244	18.8443	19
95 1,4-Dioxane	88	5.678	5.678	(1.218)	4428	126.888	130
146 Methyl methacrylate	69	5.664	5.664	(1.215)	32551	16.6204	17
64 Propyl Acetate	43	5.843	5.836	(1.254)	122060	32.2768	32
22 Bromodichloromethane	83	5.449	5.442	(1.169)	67443	19.2241	19
30 2-Chloroethyl Vinyl Ether	63	6.137	6.129	(1.317)	27390	16.9592	17
118 Epichlorohydrin	57	6.480	6.473	(1.390)	109367	333.235	330
24 cis-1,3-Dichloropropene	75	6.165	6.165	(1.323)	77783	17.7441	18
33 4-Methyl-2-Pentanone	43	6.946	6.939	(1.490)	47098	16.2513	16
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	368396	48.5755	48
38 Toluene	91	6.445	6.437	(0.801)	219361	19.4515	19
29 trans-1,3-Dichloropropene	75	6.968	6.968	(0.866)	67611	18.1314	18

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10700.d
Report Date: 07-Jul-2011 09:59

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.139	7.132	(0.888)	36489	17.8385	18
35 Tetrachloroethene	166	6.896	6.889	(0.857)	66240	22.7350	23
103 1,3-Dichloropropane	76	7.412	7.412	(0.922)	70726	17.8029	18
34 2-Hexanone	43	7.827	7.827	(0.973)	34202	17.6247	18
26 Dibromochloromethane	129	7.311	7.304	(0.909)	54636	21.5620	22
65 Butyl Acetate	43	7.770	7.770	(0.966)	136524	31.8204	32
66 1,2-Dibromoethane	107	7.526	7.519	(0.936)	44951	19.0296	19
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	303998	50.0000	
39 Chlorobenzene	112	8.056	8.056	(1.002)	145204	19.6808	20
97 1,1,1,2-Tetrachloroethane	131	8.128	8.128	(1.011)	61320	20.6266	21
40 Ethylbenzene	106	8.106	8.106	(1.008)	78891	19.5885	20
43 m+p-Xylene	106	8.250	8.243	(1.026)	197981	39.9906	40
44 o-Xylene	106	8.622	8.622	(1.072)	99989	19.4475	19
42 Styrene	104	8.672	8.672	(1.078)	149714	18.9010	19
31 Bromoform	173	8.672	8.672	(1.078)	41645	23.9749	24
110 Isopropylbenzene	105	8.902	8.894	(1.107)	256263	20.3819	20
\$ 41 Bromofluorobenzene (SUR)	174	9.116	9.116	(0.913)	145821	48.7698	49
150 Camphene	93	8.973	8.973	(0.898)	79029	17.9515	18
107 Bromobenzene	156	9.188	9.188	(0.920)	70000	20.4198	20
36 1,1,2,2-Tetrachloroethane	83	9.310	9.310	(0.932)	67843	17.8925	18
99 1,2,3-Trichloropropane	110	9.396	9.396	(0.940)	20589	19.4309	19
143 trans-1,4-Dichloro-2-butene	53	9.446	9.446	(2.027)	12565	15.7799	16
112 n-Propylbenzene	91	9.238	9.238	(0.925)	316274	18.7004	19
105 2-Chlorotoluene	91	9.346	9.346	(0.935)	180663	17.8799	18
106 4-Chlorotoluene	91	9.482	9.482	(0.949)	174811	18.0421	18
102 1,3,5-Trimethylbenzene	105	9.410	9.403	(0.942)	226427	18.6770	19
148 Butyl methacrylate	69	9.668	9.668	(0.968)	79028	15.2644	15
115 tert-Butylbenzene	119	9.647	9.647	(0.966)	183837	18.5901	18
100 1,2,4-Trimethylbenzene	105	9.704	9.704	(0.971)	234430	18.9461	19
151 2-Octanone	43	10.112	10.112	(1.012)	68473	14.9999	15
114 sec-Butylbenzene	105	9.790	9.783	(0.980)	303770	19.1434	19
67 1,3-Dichlorobenzene	146	9.933	9.933	(0.994)	133153	20.6090	21
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	168904	50.0000	
68 1,4-Dichlorobenzene	146	10.005	10.005	(1.001)	132421	20.4039	20
113 p-Isopropyltoluene	119	9.904	9.904	(0.991)	253711	19.0160	19
69 1,2-Dichlorobenzene	146	10.313	10.313	(1.032)	134001	20.2341	20
117 Benzyl chloride	91	10.220	10.220	(1.023)	378308	18.8951	19
111 n-Butylbenzene	91	10.220	10.220	(1.023)	378308	18.8951	19
101 1,2-Dibromo-3-chloropropane	75	10.907	10.907	(1.092)	13122	17.5209	18
152 Camphor	95	11.595	11.588	(1.161)	33681	70.8660	71
93 1,2,4-Trichlorobenzene	180	11.387	11.387	(1.140)	115744	20.6908	21
94 Hexachlorobutadiene	225	11.373	11.373	(1.138)	59684	22.5286	22
70 Naphthalene	128	11.616	11.616	(1.163)	267374	18.4057	18
98 1,2,3-Trichlorobenzene	180	11.745	11.745	(1.176)	114010	20.1894	20
M 45 Xylene (Total)	100				297971	59.4242	59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-78823/4

Matrix: Solid Lab File ID: d10674.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 11:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.0		1.0	0.63
74-83-9	Bromomethane	17.6		1.0	0.41
75-01-4	Vinyl chloride	15.9		1.0	0.23
75-00-3	Chloroethane	19.8		1.0	0.40
75-09-2	Methylene Chloride	20.6		1.0	0.47
67-64-1	Acetone	22.3		10	3.7
75-15-0	Carbon disulfide	19.8		1.0	0.47
75-35-4	1,1-Dichloroethene	22.4		1.0	0.37
75-34-3	1,1-Dichloroethane	19.4		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.24
67-66-3	Chloroform	20.0		1.0	0.24
107-06-2	1,2-Dichloroethane	18.4		1.0	0.39
78-93-3	2-Butanone	14.2		10	0.57
71-55-6	1,1,1-Trichloroethane	18.8		1.0	0.19
56-23-5	Carbon tetrachloride	21.4		1.0	0.10
75-27-4	Bromodichloromethane	19.7		1.0	0.30
78-87-5	1,2-Dichloropropane	17.8		1.0	0.32
10061-01-5	cis-1,3-Dichloropropene	16.9		1.0	0.20
79-01-6	Trichloroethene	19.7		1.0	0.36
124-48-1	Dibromochloromethane	22.1		1.0	0.56
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.59
71-43-2	Benzene	18.8		1.0	0.74
10061-02-6	trans-1,3-Dichloropropene	17.9		1.0	0.22
75-25-2	Bromoform	24.3		1.0	0.70
108-10-1	4-Methyl-2-pentanone	15.0		10	0.72
591-78-6	2-Hexanone	16.3		10	1.7
127-18-4	Tetrachloroethene	23.2		1.0	0.33
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.0	0.76
108-88-3	Toluene	20.1		1.0	0.30
108-90-7	Chlorobenzene	20.0		1.0	0.48
100-41-4	Ethylbenzene	19.9		1.0	0.19
100-42-5	Styrene	18.8		1.0	0.35
1330-20-7	Xylenes, Total	59.6		3.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-78823/4
Matrix: Solid Lab File ID: d10674.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 11:45
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78823 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	98		66-126
460-00-4	Bromofluorobenzene	97		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10674.d
 Report Date: 05-Jul-2011 12:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10674.d
 Lab Smp Id: LCSD
 Inj Date : 05-JUL-2011 11:45
 Operator : VOAMS 9
 Smp Info : LCSD
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/8260L_10.m
 Meth Date : 05-Jul-2011 09:16 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i

Quant Type: ISTD

Cal File: d08997.d

QC Sample: METHSPIKE

Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100					117956	39.2049	39
90 Dichlorodifluoromethane	85		1.287	1.266	(0.276)	52165	14.3741	14
1 Chloromethane	50		1.395	1.388	(0.299)	64658	14.0004	14
4 Vinyl Chloride	62		1.445	1.438	(0.310)	72457	15.9264	16
3 Bromomethane	94		1.645	1.646	(0.353)	46937	17.6488	18
5 Chloroethane	64		1.724	1.717	(0.370)	42057	19.8152	20
9 Trichlorofluoromethane	101		1.839	1.832	(0.394)	71193	14.9873	15
121 n-Pentane	72		1.767	1.753	(0.379)	9915	25.4433	25(R)
46 Ethyl Ether	59		1.982	1.975	(0.425)	41935	19.4324	19
119 Isoprene	67		1.968	1.961	(0.422)	78084	20.7545	21
47 Acrolein	56		2.347	2.340	(0.504)	161876	300.026	300
10 1,1-Dichloroethene	96		2.111	2.104	(0.453)	59716	22.4201	22
48 Freon TF	101		2.211	2.204	(0.474)	65204	20.7993	21
7 Acetone	58		2.562	2.562	(0.550)	5863	22.3110	22

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10674.d
 Report Date: 05-Jul-2011 12:29

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.211	2.204	(0.474)	131110	22.9321	23
8 Carbon Disulfide	76	2.132	2.118	(0.458)	223366	19.7773	20
50 Acetonitrile	41	2.906	2.899	(0.623)	127936	309.912	310
125 Methyl acetate	74	2.655	2.656	(0.570)	12146	17.8091	18
6 Methylene Chloride	84	2.519	2.512	(0.540)	68290	20.6221	21
51 TBA	59	2.842	2.827	(0.610)	129876	310.603	310
52 Acrylonitrile	53	3.142	3.135	(0.674)	151779	134.251	130
12 trans-1,2-Dichloroethene	96	2.634	2.627	(0.565)	56676	19.9182	20
53 MTBE	73	2.734	2.727	(0.587)	163386	17.4071	17
54 Hexane	56	2.691	2.684	(0.577)	41427	17.3027	17
11 1,1-Dichloroethane	63	3.092	3.085	(0.663)	93004	19.4143	19
57 Vinyl Acetate	43	3.307	3.307	(0.710)	70759	18.6968	19
55 DIPE	45	3.021	3.014	(0.648)	162191	16.2460	16
149 tert-Butyl ethyl ether	59	3.307	3.300	(0.710)	165620	16.4517	16
104 2,2-Dichloropropane	77	3.615	3.615	(0.776)	74742	16.9988	17
13 cis-1,2-Dichloroethene	96	3.529	3.522	(0.757)	61280	19.2868	19
18 2-Butanone	72	4.038	4.038	(0.866)	8390	14.2256	14(R)
56 Ethyl Acetate	70	3.887	3.888	(0.834)	10946	33.1945	33
108 Bromochloromethane	128	3.694	3.687	(0.793)	31460	20.5276	20
15 Chloroform	83	3.766	3.759	(0.808)	95089	19.9507	20
20 1,1,1-Trichloroethane	97	3.930	3.931	(0.843)	84160	18.7625	19
59 Cyclohexane	56	3.687	3.680	(0.791)	99060	17.4215	17
21 Carbon Tetrachloride	117	3.873	3.873	(0.831)	96130	21.3755	21
92 1,1-Dichloropropene	75	4.038	4.031	(0.866)	68856	18.7898	19
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	101242	47.1739	47
28 Benzene	78	4.260	4.253	(0.914)	205930	18.7609	19
17 1,2-Dichloroethane	62	4.453	4.453	(0.955)	60227	18.4355	18
61 Isopropyl Acetate	43	4.747	4.747	(1.018)	170633	31.5633	32
140 tert-Amylmethyl Ether	73	4.403	4.396	(0.945)	153762	16.9143	17
* 69 Fluorobenzene	96	4.661	4.661	(1.000)	389671	50.0000	
62 n-Heptane	57	4.253	4.253	(0.529)	42021	19.1231	19
25 Trichloroethene	95	4.826	4.819	(1.035)	54384	19.6925	20
96 Ethyl Acrylate	55	5.442	5.442	(1.167)	49505	14.7163	15
126 Methyl cyclohexane	83	4.811	4.812	(1.032)	100700	18.4822	18
23 1,2-Dichloropropane	63	5.363	5.363	(1.151)	49903	17.7990	18
109 Dibromomethane	93	5.248	5.249	(1.126)	31662	18.3688	18
95 1,4-Dioxane	88	5.678	5.678	(1.218)	5152	151.094	150
146 Methyl methacrylate	69	5.664	5.664	(1.215)	29355	15.3399	15
64 Propyl Acetate	43	5.843	5.843	(1.254)	111612	30.2067	30
22 Bromodichloromethane	83	5.449	5.449	(1.169)	67400	19.6626	20
30 2-Chloroethyl Vinyl Ether	63	6.137	6.130	(1.317)	24157	15.3081	15
118 Epichlorohydrin	57	6.480	6.481	(1.390)	96977	302.417	300
24 cis-1,3-Dichloropropene	75	6.172	6.165	(1.324)	72283	16.8764	17
33 4-Methyl-2-Pentanone	43	6.946	6.946	(1.490)	42414	14.9783	15
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	348010	49.0043	49
38 Toluene	91	6.445	6.445	(0.801)	212492	20.1222	20
29 trans-1,3-Dichloropropene	75	6.967	6.968	(0.866)	62363	17.8599	18

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10674.d
 Report Date: 05-Jul-2011 12:29

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.139	7.132	(0.888)	35434	18.4991	18
35 Tetrachloroethene	166	6.896	6.896	(0.857)	63327	23.2113	23
103 1,3-Dichloropropane	76	7.412	7.412	(0.922)	67923	18.2585	18
34 2-Hexanone	43	7.827	7.827	(0.973)	29661	16.3225	16
26 Dibromochloromethane	129	7.311	7.311	(0.909)	52496	22.1246	22
65 Butyl Acetate	43	7.770	7.770	(0.966)	121216	30.1714	30
66 1,2-Dibromoethane	107	7.526	7.519	(0.936)	42132	19.0477	19
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	284663	50.0000	
39 Chlorobenzene	112	8.056	8.056	(1.002)	138357	20.0265	20
97 1,1,1,2-Tetrachloroethane	131	8.135	8.128	(1.012)	59189	21.2618	21
40 Ethylbenzene	106	8.106	8.107	(1.008)	75194	19.9385	20
43 m+p-Xylene	106	8.250	8.250	(1.026)	186224	40.1706	40
44 o-Xylene	106	8.622	8.622	(1.072)	93716	19.4654	19
42 Styrene	104	8.672	8.672	(1.078)	139457	18.8019	19
31 Bromoform	173	8.672	8.672	(1.078)	39562	24.3227	24
110 Isopropylbenzene	105	8.902	8.902	(1.107)	266928	22.6721	23
\$ 41 Bromofluorobenzene (SUR)	174	9.116	9.117	(0.913)	133622	48.3835	48
150 Camphene	93	8.980	8.973	(0.899)	93528	23.0006	23
107 Bromobenzene	156	9.188	9.188	(0.920)	64970	20.5189	20
36 1,1,2,2-Tetrachloroethane	83	9.310	9.310	(0.932)	63021	17.9943	18
99 1,2,3-Trichloropropane	110	9.396	9.396	(0.940)	18505	18.9070	19
143 trans-1,4-Dichloro-2-butene	53	9.446	9.446	(2.027)	13792	17.7260	18
112 n-Propylbenzene	91	9.238	9.238	(0.925)	299237	19.1554	19
105 2-Chlorotoluene	91	9.346	9.346	(0.935)	172138	18.4442	18
106 4-Chlorotoluene	91	9.482	9.482	(0.949)	164578	18.3898	18
102 1,3,5-Trimethylbenzene	105	9.410	9.410	(0.942)	215483	19.2433	19
148 Butyl methacrylate	69	9.668	9.668	(0.968)	73562	15.3828	15
115 tert-Butylbenzene	119	9.646	9.647	(0.966)	178772	19.5720	20
100 1,2,4-Trimethylbenzene	105	9.704	9.704	(0.971)	221227	19.3568	19
151 2-Octanone	43	10.112	10.112	(1.012)	73812	17.5058	18
114 sec-Butylbenzene	105	9.790	9.783	(0.980)	290925	19.8492	20
67 1,3-Dichlorobenzene	146	9.933	9.933	(0.994)	126191	21.1457	21
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	156010	50.0000	
68 1,4-Dichlorobenzene	146	10.005	10.005	(1.001)	128201	21.3862	21
113 p-Isopropyltoluene	119	9.904	9.905	(0.991)	243216	19.7360	20
69 1,2-Dichlorobenzene	146	10.313	10.313	(1.032)	126539	20.6866	21
117 Benzyl chloride	91	10.220	10.220	(1.023)	355732	19.2360	19
111 n-Butylbenzene	91	10.220	10.220	(1.023)	355732	19.2360	19
101 1,2-Dibromo-3-chloropropane	75	10.907	10.907	(1.092)	11843	17.1191	17
152 Camphor	95	11.595	11.595	(1.161)	31156	70.9707	71
93 1,2,4-Trichlorobenzene	180	11.387	11.387	(1.140)	111423	21.5646	22
94 Hexachlorobutadiene	225	11.373	11.373	(1.138)	57472	23.4866	23
70 Naphthalene	128	11.616	11.616	(1.163)	259932	19.3723	19
98 1,2,3-Trichlorobenzene	180	11.745	11.745	(1.176)	112053	21.4827	21
M 45 Xylene (Total)	100				279940	59.6203	60

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b/d10674.d
Report Date: 05-Jul-2011 12:29

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-78926/4

Matrix: Solid Lab File ID: d10701.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 07/06/2011 10:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.7		1.0	0.63
74-83-9	Bromomethane	18.9		1.0	0.41
75-01-4	Vinyl chloride	16.3		1.0	0.23
75-00-3	Chloroethane	19.0		1.0	0.40
75-09-2	Methylene Chloride	20.2		1.0	0.47
67-64-1	Acetone	22.7		10	3.7
75-15-0	Carbon disulfide	21.2		1.0	0.47
75-35-4	1,1-Dichloroethene	23.7		1.0	0.37
75-34-3	1,1-Dichloroethane	18.6		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.24
67-66-3	Chloroform	20.1		1.0	0.24
107-06-2	1,2-Dichloroethane	18.3		1.0	0.39
78-93-3	2-Butanone	15.9		10	0.57
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.19
56-23-5	Carbon tetrachloride	21.8		1.0	0.10
75-27-4	Bromodichloromethane	20.0		1.0	0.30
78-87-5	1,2-Dichloropropane	18.3		1.0	0.32
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.20
79-01-6	Trichloroethene	20.2		1.0	0.36
124-48-1	Dibromochloromethane	22.1		1.0	0.56
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.59
71-43-2	Benzene	19.5		1.0	0.74
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
75-25-2	Bromoform	23.9		1.0	0.70
108-10-1	4-Methyl-2-pentanone	17.2		10	0.72
591-78-6	2-Hexanone	18.9		10	1.7
127-18-4	Tetrachloroethene	23.4		1.0	0.33
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.76
108-88-3	Toluene	20.3		1.0	0.30
108-90-7	Chlorobenzene	20.6		1.0	0.48
100-41-4	Ethylbenzene	20.5		1.0	0.19
100-42-5	Styrene	19.2		1.0	0.35
1330-20-7	Xylenes, Total	61.5		3.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-78926/4
Matrix: Solid Lab File ID: d10701.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 07/06/2011 10:48
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78926 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-138
2037-26-5	Toluene-d8 (Surr)	96		66-126
460-00-4	Bromofluorobenzene	98		72-132

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10701.d
 Report Date: 07-Jul-2011 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10701.d
 Lab Smp Id: LCSD
 Inj Date : 06-JUL-2011 10:48
 Operator : VOAMS 9
 Smp Info : LCSD
 Misc Info :
 Comment :
 Method : /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/8260L_10.m
 Meth Date : 06-Jul-2011 07:17 desais
 Cal Date : 16-MAY-2011 16:13
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS4.i

Quant Type: ISTD

Cal File: d08997.d

QC Sample: METHSPIKE

Compound Sublist: all.sub

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	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
M 14 1,2-Dichloroethene (total)	100					110948	39.4806	39
90 Dichlorodifluoromethane	85		1.287	1.266	(0.276)	57312	16.8925	17
1 Chloromethane	50		1.395	1.380	(0.299)	63345	14.6714	15
4 Vinyl Chloride	62		1.445	1.431	(0.310)	69524	16.3461	16
3 Bromomethane	94		1.646	1.638	(0.353)	47107	18.9466	19
5 Chloroethane	64		1.724	1.717	(0.370)	37628	18.9634	19
9 Trichlorofluoromethane	101		1.846	1.824	(0.396)	99998	22.5175	22
121 n-Pentane	72		1.760	1.753	(0.378)	8825	24.2242	24
46 Ethyl Ether	59		1.982	1.975	(0.425)	38705	19.1851	19
119 Isoprene	67		1.968	1.961	(0.422)	68059	19.3499	19
47 Acrolein	56		2.347	2.340	(0.504)	190948	378.559	380
10 1,1-Dichloroethene	96		2.111	2.097	(0.453)	58935	23.6681	24
48 Freon TF	101		2.226	2.190	(0.478)	61199	20.8814	21
7 Acetone	58		2.570	2.562	(0.551)	5572	22.6810	23

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10701.d
 Report Date: 07-Jul-2011 10:02

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
142 Iodomethane	142	2.211	2.197	(0.474)	132531	24.7952	25
8 Carbon Disulfide	76	2.125	2.118	(0.456)	224233	21.2369	21
50 Acetonitrile	41	2.906	2.899	(0.623)	107762	279.226	280
125 Methyl acetate	74	2.656	2.648	(0.570)	12493	19.5945	20
6 Methylene Chloride	84	2.519	2.512	(0.540)	62588	20.2167	20
51 TBA	59	2.856	2.827	(0.613)	117315	300.104	300
52 Acrylonitrile	53	3.143	3.135	(0.674)	187852	177.731	180
12 trans-1,2-Dichloroethene	96	2.634	2.627	(0.565)	54237	20.3889	20
53 MTBE	73	2.734	2.727	(0.587)	159402	18.1655	18
54 Hexane	56	2.684	2.677	(0.576)	43975	19.6465	20
11 1,1-Dichloroethane	63	3.092	3.085	(0.663)	83208	18.5792	18
57 Vinyl Acetate	43	3.307	3.300	(0.710)	49428	13.9702	14
55 DIPE	45	3.021	3.014	(0.648)	157313	16.8549	17
149 tert-Butyl ethyl ether	59	3.307	3.300	(0.710)	164835	17.5142	18
104 2,2-Dichloropropane	77	3.622	3.608	(0.777)	67001	16.2997	16
13 cis-1,2-Dichloroethene	96	3.529	3.515	(0.757)	56710	19.0917	19
18 2-Butanone	72	4.038	4.031	(0.866)	8748	15.8860	16
56 Ethyl Acetate	70	3.888	3.880	(0.834)	10754	34.8847	35
108 Bromochloromethane	128	3.694	3.680	(0.793)	29790	20.7923	21
15 Chloroform	83	3.766	3.759	(0.808)	89711	20.1333	20
20 1,1,1-Trichloroethane	97	3.931	3.930	(0.843)	79521	18.9631	19
59 Cyclohexane	56	3.687	3.673	(0.791)	95563	17.9772	18
21 Carbon Tetrachloride	117	3.866	3.859	(0.829)	91458	21.7532	22
92 1,1-Dichloropropene	75	4.038	4.031	(0.866)	66129	19.3025	19
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	4.389	4.382	(0.942)	98508	49.0970	49
28 Benzene	78	4.260	4.253	(0.914)	199736	19.4641	19
17 1,2-Dichloroethane	62	4.453	4.446	(0.955)	55932	18.3135	18
61 Isopropyl Acetate	43	4.747	4.747	(1.018)	175537	34.7321	35
140 tert-Amylmethyl Ether	73	4.403	4.396	(0.945)	149715	17.6163	18
* 69 Fluorobenzene	96	4.661	4.654	(1.000)	364298	50.0000	
62 n-Heptane	57	4.253	4.246	(0.529)	43739	20.3412	20
25 Trichloroethene	95	4.826	4.819	(1.035)	52268	20.2446	20
96 Ethyl Acrylate	55	5.442	5.442	(1.167)	51405	16.3456	16
126 Methyl cyclohexane	83	4.812	4.804	(1.032)	99436	19.5214	20
23 1,2-Dichloropropane	63	5.363	5.356	(1.151)	48077	18.3421	18
109 Dibromomethane	93	5.256	5.248	(1.128)	31579	19.5969	20
95 1,4-Dioxane	88	5.678	5.678	(1.218)	4730	148.388	150
146 Methyl methacrylate	69	5.664	5.664	(1.215)	30660	17.1380	17
64 Propyl Acetate	43	5.843	5.836	(1.254)	115725	33.5014	34
22 Bromodichloromethane	83	5.449	5.442	(1.169)	64063	19.9910	20
30 2-Chloroethyl Vinyl Ether	63	6.137	6.129	(1.317)	26210	17.7663	18
118 Epichlorohydrin	57	6.481	6.473	(1.390)	102311	341.274	340
24 cis-1,3-Dichloropropene	75	6.165	6.165	(1.323)	73587	18.3775	18
33 4-Methyl-2-Pentanone	43	6.946	6.939	(1.490)	45505	17.1894	17
\$ 37 Toluene-d8 (SUR)	98	6.387	6.380	(0.794)	333841	48.0393	48
38 Toluene	91	6.445	6.437	(0.801)	209829	20.3055	20
29 trans-1,3-Dichloropropene	75	6.968	6.968	(0.866)	63609	18.6162	19

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10701.d
 Report Date: 07-Jul-2011 10:02

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
27 1,1,2-Trichloroethane	83	7.140	7.132	(0.888)	34901	18.6204	19
35 Tetrachloroethene	166	6.896	6.889	(0.857)	62431	23.3846	23
103 1,3-Dichloropropane	76	7.412	7.412	(0.922)	67814	18.6288	19
34 2-Hexanone	43	7.827	7.827	(0.973)	33595	18.8927	19
26 Dibromochloromethane	129	7.311	7.304	(0.909)	51328	22.1065	22
65 Butyl Acetate	43	7.770	7.770	(0.966)	130105	33.0936	33
66 1,2-Dibromoethane	107	7.526	7.519	(0.936)	42003	19.4056	19
* 32 Chlorobenzene-d5	117	8.042	8.042	(1.000)	278559	50.0000	
39 Chlorobenzene	112	8.056	8.056	(1.002)	139325	20.6085	21
97 1,1,1,2-Tetrachloroethane	131	8.135	8.128	(1.012)	58783	21.5788	22
40 Ethylbenzene	106	8.107	8.106	(1.008)	75730	20.5208	20
43 m+p-Xylene	106	8.250	8.243	(1.026)	188569	41.5678	42
44 o-Xylene	106	8.622	8.622	(1.072)	94200	19.9948	20
42 Styrene	104	8.672	8.672	(1.078)	139532	19.2243	19
31 Bromoform	173	8.672	8.672	(1.078)	38100	23.9377	24
110 Isopropylbenzene	105	8.902	8.894	(1.107)	242882	21.0818	21
\$ 41 Bromofluorobenzene (SUR)	174	9.117	9.116	(0.913)	132721	48.7730	49
150 Camphene	93	8.980	8.973	(0.899)	79470	19.8345	20
107 Bromobenzene	156	9.188	9.188	(0.920)	65965	21.1433	21
36 1,1,2,2-Tetrachloroethane	83	9.310	9.310	(0.932)	64040	18.5575	18
99 1,2,3-Trichloropropane	110	9.396	9.396	(0.940)	18705	19.3965	19
143 trans-1,4-Dichloro-2-butene	53	9.446	9.446	(2.027)	12611	17.3373	17
112 n-Propylbenzene	91	9.238	9.238	(0.925)	300296	19.5093	20
105 2-Chlorotoluene	91	9.346	9.346	(0.935)	174480	18.9734	19
106 4-Chlorotoluene	91	9.482	9.482	(0.949)	167741	19.0224	19
102 1,3,5-Trimethylbenzene	105	9.410	9.403	(0.942)	217347	19.6988	20
148 Butyl methacrylate	69	9.668	9.668	(0.968)	78020	16.5579	16
115 tert-Butylbenzene	119	9.647	9.647	(0.966)	179058	19.8952	20
100 1,2,4-Trimethylbenzene	105	9.704	9.704	(0.971)	222607	19.7675	20
151 2-Octanone	43	10.112	10.112	(1.012)	66881	16.0984	16
114 sec-Butylbenzene	105	9.790	9.783	(0.980)	288075	19.9473	20
67 1,3-Dichlorobenzene	146	9.933	9.933	(0.994)	126053	21.4372	21
* 91 1,4-Dichlorobenzene-d4	152	9.990	9.990	(1.000)	153721	50.0000	
68 1,4-Dichlorobenzene	146	10.005	10.005	(1.001)	127840	21.6435	22
113 p-Isopropyltoluene	119	9.904	9.904	(0.991)	241563	19.8937	20
69 1,2-Dichlorobenzene	146	10.313	10.313	(1.032)	127276	21.1168	21
117 Benzyl chloride	91	10.220	10.220	(1.023)	366069	20.0897	20
111 n-Butylbenzene	91	10.220	10.220	(1.023)	366069	20.0897	20
101 1,2-Dibromo-3-chloropropane	75	10.907	10.907	(1.092)	11813	17.3305	17
152 Camphor	95	11.595	11.588	(1.161)	30965	71.5858	72
93 1,2,4-Trichlorobenzene	180	11.387	11.387	(1.140)	110745	21.7525	22
94 Hexachlorobutadiene	225	11.380	11.373	(1.139)	58733	24.3596	24(R)
70 Naphthalene	128	11.616	11.616	(1.163)	247157	18.6945	19
98 1,2,3-Trichlorobenzene	180	11.745	11.745	(1.176)	109563	21.3182	21
M 45 Xylene (Total)	100				282769	61.5425	62

Data File: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b/d10701.d
Report Date: 07-Jul-2011 10:02

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-4-WATER MS Lab Sample ID: 460-28327-1 MS

Matrix: Water Lab File ID: a65659.d

Analysis Method: 8260B Date Collected: 06/30/2011 11:00

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 10:43

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	75.5		5.0	1.1
74-83-9	Bromomethane	81.2		5.0	1.6
75-01-4	Vinyl chloride	79.2		5.0	0.65
75-00-3	Chloroethane	87.4		5.0	2.3
75-09-2	Methylene Chloride	90.9		5.0	0.95
67-64-1	Acetone	80.4		50	12
75-15-0	Carbon disulfide	71.3		5.0	0.75
75-35-4	1,1-Dichloroethene	87.5		5.0	0.70
75-34-3	1,1-Dichloroethane	86.4		5.0	0.50
156-60-5	trans-1,2-Dichloroethene	84.7		5.0	0.70
156-59-2	cis-1,2-Dichloroethene	84.2		5.0	1.0
67-66-3	Chloroform	89.9		5.0	0.75
107-06-2	1,2-Dichloroethane	92.2		5.0	1.2
78-93-3	2-Butanone	83.3		50	4.1
71-55-6	1,1,1-Trichloroethane	83.6		5.0	1.3
56-23-5	Carbon tetrachloride	83.8		5.0	0.95
75-27-4	Bromodichloromethane	83.9		5.0	0.47
78-87-5	1,2-Dichloropropane	84.1		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	84.3		5.0	0.55
79-01-6	Trichloroethene	81.3		5.0	0.90
124-48-1	Dibromochloromethane	79.7		5.0	0.55
79-00-5	1,1,2-Trichloroethane	88.5		5.0	0.50
71-43-2	Benzene	89.0		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	78.1		5.0	0.60
75-25-2	Bromoform	69.9		5.0	0.50
108-10-1	4-Methyl-2-pentanone	73.5		50	3.4
591-78-6	2-Hexanone	64.5		50	2.8
127-18-4	Tetrachloroethene	87.4		5.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	106		5.0	0.45
108-88-3	Toluene	89.2		5.0	0.45
108-90-7	Chlorobenzene	90.0		5.0	0.80
100-41-4	Ethylbenzene	83.9		5.0	1.3
100-42-5	Styrene	84.0		5.0	0.65
1330-20-7	Xylenes, Total	254		15	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-4-WATER MS Lab Sample ID: 460-28327-1 MS
Matrix: Water Lab File ID: a65659.d
Analysis Method: 8260B Date Collected: 06/30/2011 11:00
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 10:43
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-122
2037-26-5	Toluene-d8 (Surr)	110		69-125
460-00-4	Bromofluorobenzene	93		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65659.d
 Report Date: 06-Jul-2011 11:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65659.d
 Lab Smp Id: 460-28327-A-1MS
 Inj Date : 05-JUL-2011 10:43
 Operator : VOA GC/MS1 Inst ID: VOAMS1.i
 Smp Info : 460-28327-A-1MS;5
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
 Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
 Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
 Als bottle: 8 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 (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.145	1.139	(0.259)	45423	14.7614	74
3 Chloromethane	50	1.261	1.261	(0.285)	67832	15.0915	75
4 Vinyl Chloride	62	1.340	1.340	(0.303)	68083	15.8428	79
6 Bromomethane	94	1.554	1.554	(0.352)	40430	16.2482	81
5 Chloroethane	64	1.603	1.609	(0.363)	43434	17.4805	87
7 Trichlorofluoromethane	101	1.792	1.785	(0.405)	82165	19.0279	95
8 n-Pentane	72	1.785	1.785	(0.404)	11493	22.7534	110
10 Isoprene	67	1.981	1.974	(0.448)	81545	18.6042	93
11 Ethyl Ether	59	1.962	1.956	(0.444)	44239	17.7488	89
13 Acrolein	56	2.127	2.121	(0.481)	17339	49.7411	250
15 1,1-Dichloroethene	96	2.163	2.163	(0.490)	41872	17.4938	87
14 Freon TF	101	2.163	2.163	(0.490)	52797	19.9564	100
16 Acetone	43	2.255	2.243	(0.510)	12379	16.0781	80
17 Iodomethane	142	2.304	2.304	(0.521)	67398	15.8434	79
18 Carbon Disulfide	76	2.334	2.334	(0.528)	137221	14.2527	71
19 Isopropanol	45	2.352	2.346	(0.532)	427540	2553.12	13000

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65659.d
 Report Date: 06-Jul-2011 11:54

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	2.535	2.529	(0.574)	16240	275.022	1400
27 Methyl Acetate	74	2.487	2.480	(0.563)	10755	18.3296	92
22 Methylene Chloride	84	2.590	2.590	(0.586)	50748	18.1744	91
24 TBA	59	2.676	2.676	(0.605)	82521	300.625	1500
25 trans-1,2-Dichloroethene	96	2.767	2.761	(0.626)	46848	16.9354	85
26 Acrylonitrile	53	2.834	2.834	(0.641)	15199	13.7596	69
28 MTBE	73	2.749	2.755	(0.622)	132428	15.4109	77
30 1,1-Dichloroethane	63	3.127	3.127	(0.708)	87147	17.2740	86
31 Vinyl Acetate	43	3.151	3.127	(0.713)	147368	23.5127	120
32 DIPE	45	3.121	3.121	(0.706)	159998	14.8268	74
34 n-Propanol	60	3.236	3.224	(0.732)	17905	1965.55	9800(R)
35 t-Butyl-ethyl-ether	59	3.395	3.401	(0.768)	150954	15.1315	76
37 2,2-Dichloropropane	77	3.559	3.566	(0.805)	77120	23.1596	120
36 cis-1,2-Dichloroethene	96	3.578	3.578	(0.810)	49656	16.8302	84
38 2-Butanone	72	3.602	3.596	(0.815)	4771	16.6689	83
39 Ethyl Acetate	70	3.614	3.608	(0.818)	8084	32.2277	160
40 Bromochloromethane	128	3.767	3.761	(0.852)	22192	16.6501	83
41 Tetrahydrofuran	42	3.767	3.761	(0.852)	12293	16.9926	85
42 Chloroform	83	3.816	3.816	(0.863)	82882	17.9878	90
43 1,1,1-Trichloroethane	97	3.925	3.931	(0.888)	72380	16.7286	84
44 Cyclohexane	56	3.913	3.919	(0.885)	87615	15.2392	76
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	58264	16.7638	84
46 1,1-Dichloropropene	75	4.041	4.041	(0.914)	63041	16.6096	83
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.206	(0.953)	142206	56.4454	56
48 Benzene	78	4.194	4.194	(0.602)	187241	17.7970	89
49 1,2-Dichloroethane	62	4.267	4.267	(0.966)	65037	18.4421	92
50 t-Amyl-methyl-ether	73	4.261	4.261	(0.964)	123983	14.4229	72
61 Isopropyl Acetate	43	4.261	4.261	(0.964)	209418	31.8300	160
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	456082	50.0000	
54 Trichloroethene	95	4.681	4.681	(1.059)	46438	16.2563	81
56 Methyl cyclohexane	83	4.773	4.773	(1.080)	83709	16.1464	81
55 Ethyl Acrylate	55	4.773	4.773	(1.080)	122388	16.1664	81
57 1,2-Dichloropropane	63	4.882	4.882	(1.105)	49664	16.8268	84
58 Dibromomethane	93	4.974	4.974	(1.126)	25893	17.1465	86
60 1,4-Dioxane	88	4.980	4.974	(1.127)	2068	73.2918	370(R)
59 Methyl Methacrylate	100	4.949	4.949	(1.120)	8767	13.7304	69
75 Propyl Acetate	43	4.992	4.992	(1.130)	111205	30.6094	150
68 Bromodichloromethane	83	5.090	5.090	(1.152)	58896	16.7861	84
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	7066	4.16319	21(R)
63 Epichlorohydrin	57	5.388	5.388	(0.774)	69433	325.611	1600
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	65954	16.8532	84
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	38303	14.7089	74
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	430661	55.0980	55
66 Toluene	91	5.657	5.657	(0.813)	204164	17.8337	89
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	56483	15.6260	78
69 1,1,2-Trichloroethane	83	6.089	6.090	(0.875)	31899	17.7015	88
71 Tetrachloroethene	166	6.126	6.126	(0.880)	41837	17.4759	87

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65659.d
 Report Date: 06-Jul-2011 11:54

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	6.260	6.260	(0.899)	65146	16.8480	84
73 2-Hexanone	43	6.321	6.315	(0.908)	22348	12.8935	64
74 Dibromochloromethane	129	6.461	6.455	(0.928)	35466	15.9327	80(R)
77 1,2-Dibromoethane	107	6.577	6.577	(0.945)	34230	16.8565	84
* 78 Chlorobenzene-d5	117	6.961	6.961	(1.000)	320668	50.0000	
79 Chlorobenzene	112	6.980	6.986	(1.003)	122574	18.0099	90
80 1,1,1,2-Tetrachloroethane	131	7.059	7.059	(1.014)	43645	17.6278	88
81 Ethylbenzene	106	7.047	7.053	(1.012)	65157	16.7844	84
82 m+p-Xylene	106	7.144	7.144	(1.026)	165226	33.8919	170
84 o-Xylene	106	7.437	7.437	(1.068)	83287	16.9202	85
85 Styrene	104	7.455	7.461	(1.071)	139025	16.8031	84
86 Bromoform	173	7.601	7.601	(1.092)	18134	13.9760	70(R)
88 Isopropylbenzene	105	7.681	7.681	(1.103)	216336	18.7861	94
\$ 89 Bromofluorobenzene (SUR)	174	7.815	7.815	(0.920)	118228	46.3712	46
90 Camphene (total)	93	7.827	7.827	(1.124)	89361	18.8870	94
91 Bromobenzene	156	7.900	7.900	(0.930)	48081	16.3165	82
92 1,1,2,2-Tetrachloroethane	83	7.931	7.931	(0.933)	52752	21.2628	110
93 1,2,3-Trichloropropane	110	7.955	7.955	(0.936)	14083	17.4914	87
95 n-Propylbenzene	91	7.943	7.943	(0.935)	281758	18.1639	91
96 2-Chlorotoluene	91	8.010	8.010	(0.943)	162702	17.4160	87
97 1,3,5-Trimethylbenzene	105	8.059	8.059	(0.948)	185225	16.6044	83
98 4-Chlorotoluene	91	8.083	8.083	(0.951)	172252	17.6632	88
99 Butyl Methacrylate	87	8.120	8.114	(0.956)	62242	14.2574	71
100 tert-Butylbenzene	119	8.242	8.235	(0.970)	153476	16.4025	82
101 1,2,4-Trimethylbenzene	105	8.278	8.272	(0.974)	190881	16.7516	84
103 sec-Butylbenzene	105	8.370	8.357	(0.985)	262073	18.3066	92
105 1,3-Dichlorobenzene	146	8.455	8.443	(0.995)	106127	17.6806	88
107 p-Isopropyltoluene	119	8.449	8.443	(0.994)	211609	17.4799	87
* 108 1,4-Dichlorobenzene-d4	152	8.498	8.485	(1.000)	174314	50.0000	
109 1,4-Dichlorobenzene	146	8.510	8.498	(1.001)	105814	17.4509	87
106 n-Butylbenzene	91	8.674	8.656	(1.021)	219516	18.5103	92
111 1,2-Dichlorobenzene	146	8.717	8.699	(1.026)	103611	17.7291	89
112 1,2-Dibromo-3-chloropropane	75	9.150	9.107	(1.077)	8688	15.9409	80(H)
114 1,2,4-Trichlorobenzene	180	9.595	9.558	(1.129)	71994	17.4810	87
115 Hexachlorobutadiene	225	9.662	9.619	(1.137)	32567	11.2191	56
116 Naphthalene	128	9.759	9.717	(1.149)	151760	18.0816	90
117 1,2,3-Trichlorobenzene	180	9.924	9.881	(1.168)	60004	19.3360	97
M 120 1,2-Dichloroethene (Total)	100				96504	33.7657	170
M 121 Xylene (Total)	100				248513	50.8121	250

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
 H - Operator selected an alternate compound hit.

Data File: a65659.d

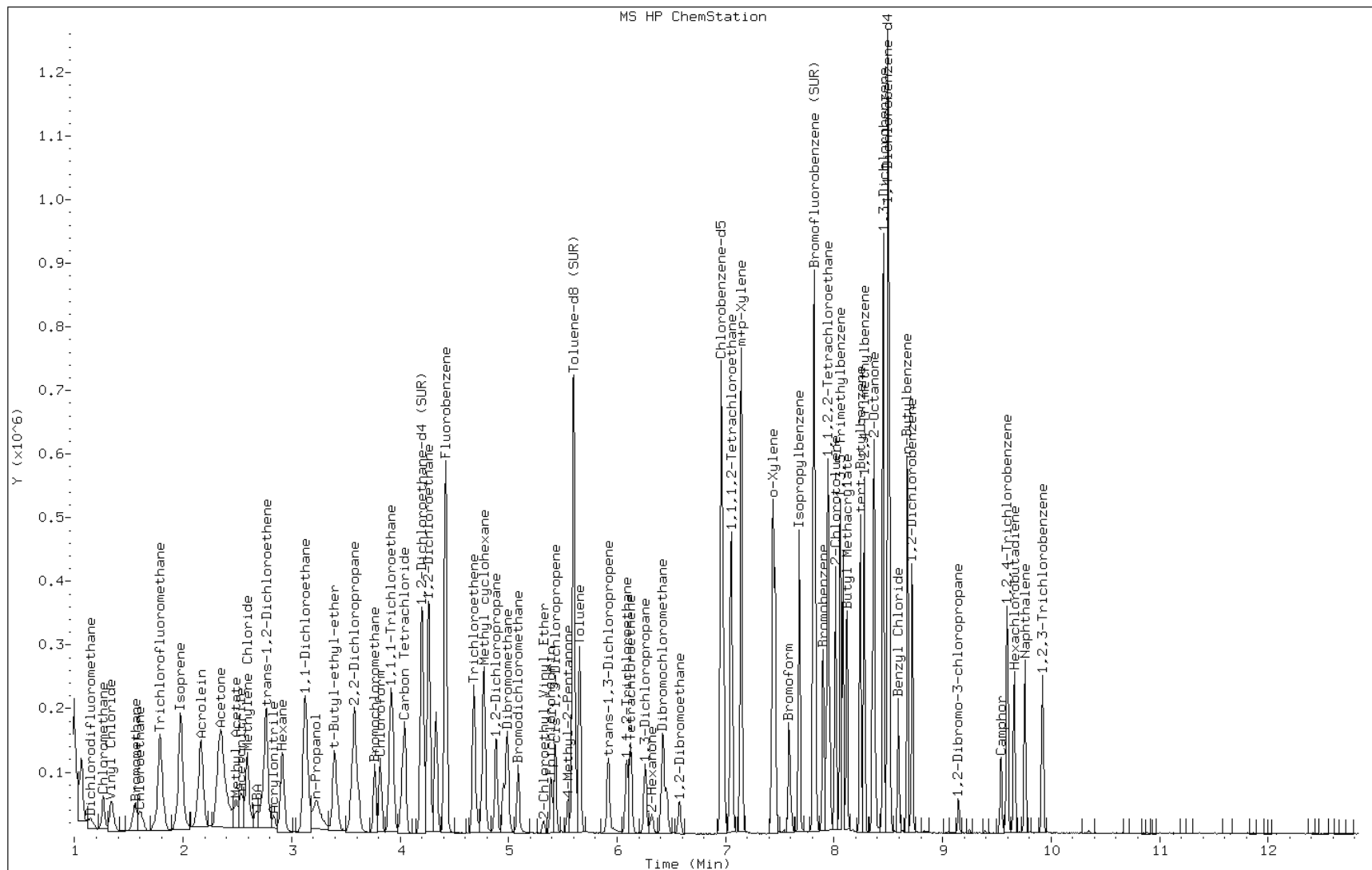
Date: 05-JUL-2011 10:43

Client ID:

Instrument: VOAMS1.i

Sample Info: 460-28327-A-1MS;5

Operator: VOA GC/MS1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-4-WATER MSD Lab Sample ID: 460-28327-1 MSD

Matrix: Water Lab File ID: a65660.d

Analysis Method: 8260B Date Collected: 06/30/2011 11:00

Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 11:03

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

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

Analysis Batch No.: 78833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	79.7		5.0	1.1
74-83-9	Bromomethane	84.9		5.0	1.6
75-01-4	Vinyl chloride	82.6		5.0	0.65
75-00-3	Chloroethane	94.1		5.0	2.3
75-09-2	Methylene Chloride	102		5.0	0.95
67-64-1	Acetone	82.8		50	12
75-15-0	Carbon disulfide	75.9		5.0	0.75
75-35-4	1,1-Dichloroethene	96.4		5.0	0.70
75-34-3	1,1-Dichloroethane	96.8		5.0	0.50
156-60-5	trans-1,2-Dichloroethene	93.7		5.0	0.70
156-59-2	cis-1,2-Dichloroethene	92.3		5.0	1.0
67-66-3	Chloroform	101		5.0	0.75
107-06-2	1,2-Dichloroethane	103		5.0	1.2
78-93-3	2-Butanone	92.1		50	4.1
71-55-6	1,1,1-Trichloroethane	91.7		5.0	1.3
56-23-5	Carbon tetrachloride	91.8		5.0	0.95
75-27-4	Bromodichloromethane	91.9		5.0	0.47
78-87-5	1,2-Dichloropropane	94.1		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	91.1		5.0	0.55
79-01-6	Trichloroethene	92.1		5.0	0.90
124-48-1	Dibromochloromethane	89.2		5.0	0.55
79-00-5	1,1,2-Trichloroethane	101		5.0	0.50
71-43-2	Benzene	101		5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	86.0		5.0	0.60
75-25-2	Bromoform	79.6		5.0	0.50
108-10-1	4-Methyl-2-pentanone	83.3		50	3.4
591-78-6	2-Hexanone	74.5		50	2.8
127-18-4	Tetrachloroethene	98.2		5.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	120		5.0	0.45
108-88-3	Toluene	100		5.0	0.45
108-90-7	Chlorobenzene	104		5.0	0.80
100-41-4	Ethylbenzene	96.6		5.0	1.3
100-42-5	Styrene	95.1		5.0	0.65
1330-20-7	Xylenes, Total	287		15	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-4-WATER MSD Lab Sample ID: 460-28327-1 MSD
Matrix: Water Lab File ID: a65660.d
Analysis Method: 8260B Date Collected: 06/30/2011 11:00
Sample wt/vol: 5(mL) Date Analyzed: 07/05/2011 11:03
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 78833 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-122
2037-26-5	Toluene-d8 (Surr)	111		69-125
460-00-4	Bromofluorobenzene	92		69-135

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65660.d
 Report Date: 05-Jul-2011 12:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65660.d
 Lab Smp Id: 460-28327-A-1MSD
 Inj Date : 05-JUL-2011 11:03
 Operator : VOA GC/MS1 Inst ID: VOAMS1.i
 Smp Info : 460-28327-A-1MSD;5
 Misc Info :
 Comment :
 Method : /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/8260_09.m
 Meth Date : 05-Jul-2011 08:29 delpolit Quant Type: ISTD
 Cal Date : 21-MAY-2011 04:58 Cal File: a63945.d
 Als bottle: 9 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	1.157	1.139	(0.262)	43781		15.7837	79
3 Chloromethane	50	1.267	1.261	(0.287)	64564		15.9352	80
4 Vinyl Chloride	62	1.346	1.340	(0.305)	63996		16.5203	83
6 Bromomethane	94	1.554	1.554	(0.352)	38066		16.9714	85
5 Chloroethane	64	1.608	1.609	(0.364)	42141		18.8147	94
7 Trichlorofluoromethane	101	1.797	1.785	(0.407)	76990		19.7789	99
8 n-Pentane	72	1.785	1.785	(0.404)	12634		27.7478	140
10 Isoprene	67	1.986	1.974	(0.450)	82622		20.9111	100
11 Ethyl Ether	59	1.962	1.956	(0.444)	44866		19.9689	100
13 Acrolein	56	2.133	2.121	(0.483)	17926		57.0501	280
15 1,1-Dichloroethene	96	2.163	2.163	(0.490)	41582		19.2726	96
14 Freon TF	101	2.169	2.163	(0.491)	53055		22.2468	110
16 Acetone	43	2.255	2.243	(0.510)	11486		16.5507	83
17 Iodomethane	142	2.303	2.304	(0.521)	68931		17.9757	90
18 Carbon Disulfide	76	2.334	2.334	(0.528)	131814		15.1882	76
19 Isopropanol	45	2.358	2.346	(0.534)	417117		2763.24	14000

Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65660.d
 Report Date: 05-Jul-2011 12:31

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/L)	=====
21 Acetonitrile	39	2.529	2.529	(0.572)	17033	319.992	1600	
27 Methyl Acetate	74	2.486	2.480	(0.563)	10144	19.1803	96	
22 Methylene Chloride	84	2.596	2.590	(0.587)	51166	20.3278	100	
24 TBA	59	2.688	2.676	(0.608)	78124	315.728	1600	
25 trans-1,2-Dichloroethene	96	2.767	2.761	(0.626)	46720	18.7361	94	
26 Acrylonitrile	53	2.834	2.834	(0.641)	13523	13.5813	68	
28 MTBE	73	2.748	2.755	(0.622)	133179	17.1930	86	
30 1,1-Dichloroethane	63	3.133	3.127	(0.709)	88042	19.3599	97	
31 Vinyl Acetate	43	3.145	3.127	(0.712)	149155	26.4000	130	
32 DIPE	45	3.120	3.121	(0.706)	164627	16.9240	85	
34 n-Propanol	60	3.236	3.224	(0.732)	18088	2202.81	11000	
35 t-Butyl-ethyl-ether	59	3.395	3.401	(0.768)	152038	16.9066	84	
37 2,2-Dichloropropane	77	3.565	3.566	(0.807)	78020	25.9920	130	
36 cis-1,2-Dichloroethene	96	3.584	3.578	(0.811)	49112	18.4661	92	
38 2-Butanone	72	3.596	3.596	(0.814)	4753	18.4233	92	
39 Ethyl Acetate	70	3.614	3.608	(0.818)	8494	37.5668	190	
40 Bromochloromethane	128	3.767	3.761	(0.852)	22728	18.9171	94	
41 Tetrahydrofuran	42	3.767	3.761	(0.852)	11944	18.3159	92	
42 Chloroform	83	3.821	3.816	(0.865)	84025	20.2300	100	
43 1,1,1-Trichloroethane	97	3.931	3.931	(0.890)	71550	18.3450	92	
44 Cyclohexane	56	3.913	3.919	(0.885)	90736	17.5077	88	
45 Carbon Tetrachloride	117	4.023	4.023	(0.910)	57521	18.3598	92	
46 1,1-Dichloropropene	75	4.047	4.041	(0.916)	64801	18.9402	95	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.212	4.206	(0.953)	126018	55.4893	55	
48 Benzene	78	4.193	4.194	(0.602)	187895	20.1192	100	
49 1,2-Dichloroethane	62	4.266	4.267	(0.966)	65279	20.5349	100	
50 t-Amyl-methyl-ether	73	4.260	4.261	(0.964)	128049	16.5247	83	
61 Isopropyl Acetate	43	4.260	4.261	(0.964)	214050	36.0915	180	
* 52 Fluorobenzene	96	4.419	4.419	(1.000)	411128	50.0000		
54 Trichloroethene	95	4.681	4.681	(1.059)	47448	18.4262	92	
56 Methyl cyclohexane	83	4.772	4.773	(1.080)	85735	18.3456	92	
55 Ethyl Acrylate	55	4.779	4.773	(1.081)	121817	17.8506	89	
57 1,2-Dichloropropane	63	4.882	4.882	(1.105)	50050	18.8122	94	
58 Dibromomethane	93	4.980	4.974	(1.127)	26291	19.3137	96	
60 1,4-Dioxane	88	4.980	4.974	(1.127)	2459	96.6997	480	
59 Methyl Methacrylate	100	4.949	4.949	(1.120)	9168	15.9299	80	
75 Propyl Acetate	43	4.992	4.992	(1.130)	117240	35.7993	180	
68 Bromodichloromethane	83	5.089	5.090	(1.152)	58134	18.3808	92	
62 2-Chloroethyl Vinyl Ether	63	5.321	5.321	(1.204)	1941	1.26868	6.3(R)	
63 Epichlorohydrin	57	5.394	5.388	(0.775)	70184	370.784	1800	
67 cis-1,3-Dichloropropene	75	5.431	5.431	(0.780)	63316	18.2265	91	
70 4-Methyl-2-Pentanone	43	5.547	5.547	(0.797)	38524	16.6661	83	
\$ 65 Toluene-d8 (SUR)	98	5.602	5.602	(0.805)	383524	55.2766	55	
66 Toluene	91	5.656	5.657	(0.813)	203430	20.0182	100	
64 trans-1,3-Dichloropropene	75	5.919	5.919	(0.850)	55177	17.1965	86	
69 1,1,2-Trichloroethane	83	6.089	6.090	(0.875)	32250	20.1612	100	
71 Tetrachloroethene	166	6.126	6.126	(0.880)	41740	19.6417	98	

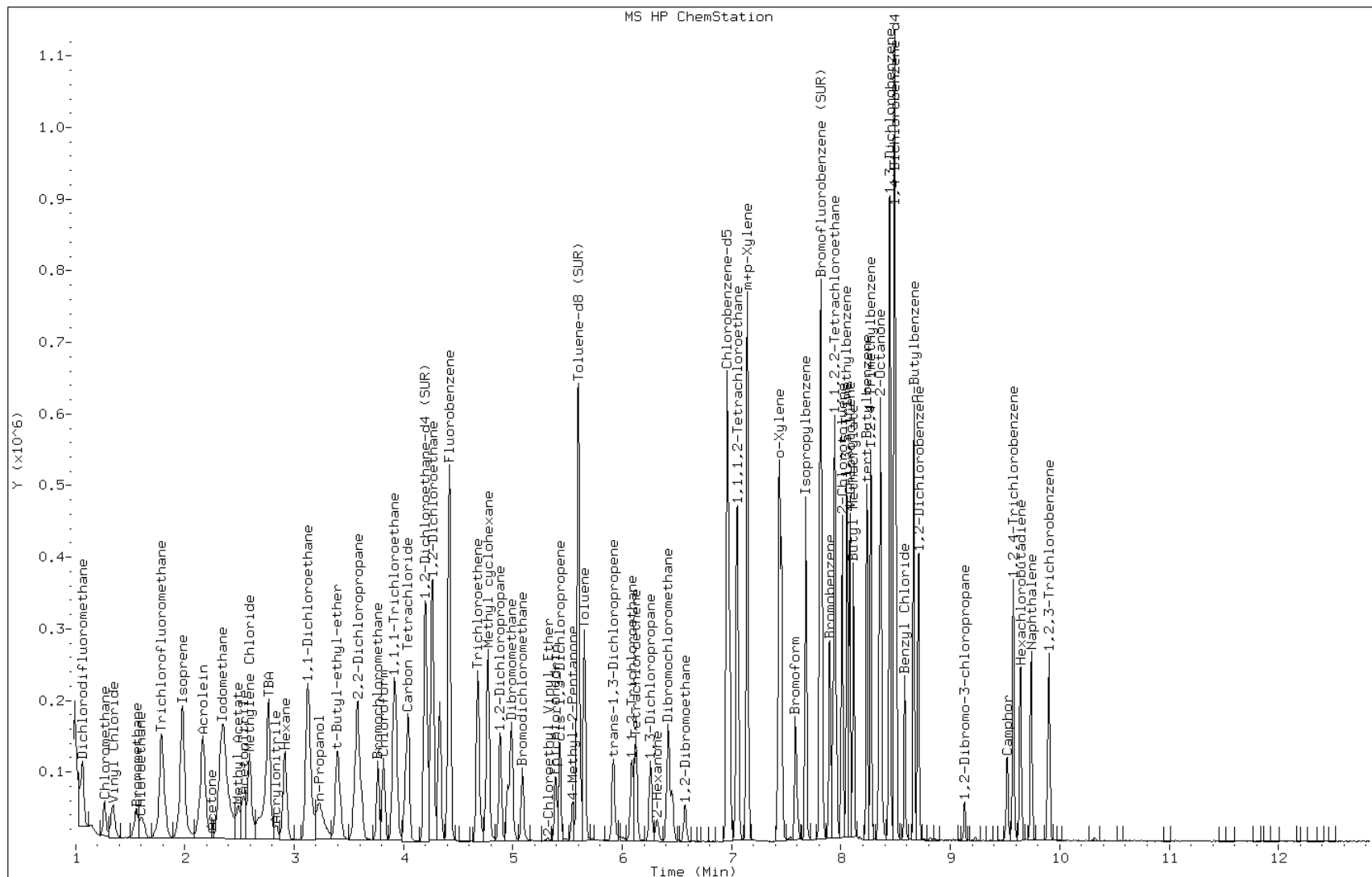
Data File: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b/a65660.d
 Report Date: 05-Jul-2011 12:31

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76		6.260	6.260	(0.899)		65092	18.9644	95
73 2-Hexanone	43		6.315	6.315	(0.907)		22933	14.9055	74
74 Dibromochloromethane	129		6.455	6.455	(0.927)		35262	17.8459	89
77 1,2-Dibromoethane	107		6.577	6.577	(0.945)		34550	19.1676	96
* 78 Chlorobenzene-d5	117		6.961	6.961	(1.000)		284648	50.0000	
79 Chlorobenzene	112		6.985	6.986	(1.004)		125989	20.8543	100
80 1,1,1,2-Tetrachloroethane	131		7.059	7.059	(1.014)		43806	19.9317	100
81 Ethylbenzene	106		7.046	7.053	(1.012)		66582	19.3220	97
82 m+p-Xylene	106		7.144	7.144	(1.026)		164560	38.0269	190
84 o-Xylene	106		7.437	7.437	(1.068)		84304	19.2941	96
85 Styrene	104		7.455	7.461	(1.071)		139716	19.0235	95
86 Bromoform	173		7.601	7.601	(1.092)		18329	15.9145	80
88 Isopropylbenzene	105		7.680	7.681	(1.103)		220604	21.5809	110
\$ 89 Bromofluorobenzene (SUR)	174		7.815	7.815	(0.920)		102749	45.8564	46
90 Camphene (total)	93		7.827	7.827	(1.124)		84034	20.0087	100
91 Bromobenzene	156		7.900	7.900	(0.930)		49337	19.0512	95
92 1,1,2,2-Tetrachloroethane	83		7.924	7.931	(0.933)		52498	24.0780	120
93 1,2,3-Trichloropropane	110		7.955	7.955	(0.937)		14466	20.4450	100
95 n-Propylbenzene	91		7.943	7.943	(0.935)		283623	20.8049	100
96 2-Chlorotoluene	91		8.010	8.010	(0.943)		162785	19.8272	99
97 1,3,5-Trimethylbenzene	105		8.052	8.059	(0.948)		184323	18.8017	94
98 4-Chlorotoluene	91		8.083	8.083	(0.952)		171103	19.9643	100
99 Butyl Methacrylate	87		8.113	8.114	(0.955)		63607	16.5790	83
100 tert-Butylbenzene	119		8.235	8.235	(0.970)		155161	18.8688	94
101 1,2,4-Trimethylbenzene	105		8.272	8.272	(0.974)		192986	19.2713	96
103 sec-Butylbenzene	105		8.363	8.357	(0.985)		263416	20.9372	100
105 1,3-Dichlorobenzene	146		8.449	8.443	(0.995)		105198	19.9421	100
107 p-Isopropyltoluene	119		8.442	8.443	(0.994)		210521	19.7875	99
* 108 1,4-Dichlorobenzene-d4	152		8.491	8.485	(1.000)		153193	50.0000	
109 1,4-Dichlorobenzene	146		8.503	8.498	(1.001)		107880	20.2445	100
106 n-Butylbenzene	91		8.668	8.656	(1.021)		218187	20.9348	100
111 1,2-Dichlorobenzene	146		8.711	8.699	(1.026)		103771	20.2046	100
112 1,2-Dibromo-3-chloropropane	75		9.125	9.107	(1.075)		9114	19.0293	95
114 1,2,4-Trichlorobenzene	180		9.576	9.558	(1.128)		72985	20.1651	100
115 Hexachlorobutadiene	225		9.643	9.619	(1.136)		32692	12.8496	64
116 Naphthalene	128		9.741	9.717	(1.147)		152969	20.7384	100
117 1,2,3-Trichlorobenzene	180		9.899	9.881	(1.166)		60017	22.0067	110
M 120 1,2-Dichloroethene (Total)	100						95833	37.2022	190
M 121 Xylene (Total)	100						248864	57.3209	290

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Operator: VOA GC/MS1



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: VOAMS1 Start Date: 05/21/2011 02:21Analysis Batch Number: 74374 End Date: 05/21/2011 04:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-74374/1		05/21/2011 02:21	1	a63937.d	Rtx-624 0.25 (mm)
IC 460-74374/2		05/21/2011 03:20	1	a63940.d	Rtx-624 0.25 (mm)
IC 460-74374/3		05/21/2011 03:39	1	a63941.d	Rtx-624 0.25 (mm)
ICIS 460-74374/4		05/21/2011 03:59	1	a63942.d	Rtx-624 0.25 (mm)
IC 460-74374/5		05/21/2011 04:19	1	a63943.d	Rtx-624 0.25 (mm)
IC 460-74374/6		05/21/2011 04:39	1	a63944.d	Rtx-624 0.25 (mm)
IC 460-74374/7		05/21/2011 04:58	1	a63945.d	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: VOAMS1 Start Date: 07/05/2011 07:23Analysis Batch Number: 78833 End Date: 07/05/2011 16:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-78833/1		07/05/2011 07:23	1	a65650.d	Rtx-624 0.25 (mm)
CCVIS 460-78833/2		07/05/2011 08:08	1	a65652.d	Rtx-624 0.25 (mm)
MB 460-78833/3		07/05/2011 09:36	1	a65656.d	Rtx-624 0.25 (mm)
460-28327-1	SP-4-WATER	07/05/2011 09:56	1	a65657.d	Rtx-624 0.25 (mm)
LCS 460-78833/5		07/05/2011 10:16	1	a65658.d	Rtx-624 0.25 (mm)
460-28327-1 MS	SP-4-WATER MS	07/05/2011 10:43	5	a65659.d	Rtx-624 0.25 (mm)
460-28327-1 MSD	SP-4-WATER MSD	07/05/2011 11:03	5	a65660.d	Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 12:03	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 12:22	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 12:42	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 13:02	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 13:22	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 13:41	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 15:19	1		Rtx-624 0.25 (mm)
460-28327-2	SP-3-WATER	07/05/2011 15:38	1	a65674.d	Rtx-624 0.25 (mm)
460-28327-3	SP-2-WATER	07/05/2011 15:57	1	a65675.d	Rtx-624 0.25 (mm)
460-28327-4	SP-1-WATER	07/05/2011 16:17	1	a65676.d	Rtx-624 0.25 (mm)
460-28327-5	DUPE-WATER	07/05/2011 16:37	1	a65677.d	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: VOAMS4 Start Date: 05/16/2011 07:52Analysis Batch Number: 73788 End Date: 05/16/2011 17:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-73788/1		05/16/2011 07:52	1	d08980.d	Rtx-624 0.25 (mm)
IC 460-73788/2		05/16/2011 09:31	1	d08984.d	Rtx-624 0.25 (mm)
IC 460-73788/3		05/16/2011 10:19	1	d08986.d	Rtx-624 0.25 (mm)
IC 460-73788/4		05/16/2011 11:08	1	d08988.d	Rtx-624 0.25 (mm)
IC 460-73788/5		05/16/2011 12:48	1	d08992.d	Rtx-624 0.25 (mm)
ICIS 460-73788/6		05/16/2011 13:43	1	d08994.d	Rtx-624 0.25 (mm)
IC 460-73788/7		05/16/2011 16:13	1	d08997.d	Rtx-624 0.25 (mm)
ZZZZZ		05/16/2011 17:14	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: VOAMS4 Start Date: 07/05/2011 08:52Analysis Batch Number: 78823 End Date: 07/05/2011 19:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-78823/1		07/05/2011 08:52	1	d10670.d	Rtx-624 0.25 (mm)
CCVIS 460-78823/2		07/05/2011 09:03	1	d10671.d	Rtx-624 0.25 (mm)
LCS 460-78823/3		07/05/2011 09:27	1	d10672.d	Rtx-624 0.25 (mm)
LCSD 460-78823/4		07/05/2011 11:45	1	d10674.d	Rtx-624 0.25 (mm)
MB 460-78823/5		07/05/2011 12:40	1	d10676.d	Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 13:33	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 13:57	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 14:22	1		Rtx-624 0.25 (mm)
460-28327-7	SP-3-SOLID	07/05/2011 15:10	1	d10682.d	Rtx-624 0.25 (mm)
460-28327-8	SP-2-SOLID	07/05/2011 15:34	1	d10683.d	Rtx-624 0.25 (mm)
460-28327-9	SP-1-SOLID	07/05/2011 15:59	1	d10684.d	Rtx-624 0.25 (mm)
460-28327-10	DUPE-SOLID	07/05/2011 16:23	1	d10685.d	Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 16:47	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 18:00	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 18:00	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 18:25	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 18:49	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 19:13	1		Rtx-624 0.25 (mm)
ZZZZZ		07/05/2011 19:37	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: VOAMS4 Start Date: 07/06/2011 06:52Analysis Batch Number: 78926 End Date: 07/06/2011 14:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-78926/1		07/06/2011 06:52	1	d10697.d	Rtx-624 0.25 (mm)
CCVIS 460-78926/2		07/06/2011 07:09	1	d10698.d	Rtx-624 0.25 (mm)
LCS 460-78926/3		07/06/2011 09:52	1	d10700.d	Rtx-624 0.25 (mm)
LCSD 460-78926/4		07/06/2011 10:48	1	d10701.d	Rtx-624 0.25 (mm)
MB 460-78926/5		07/06/2011 11:47	1	d10703.d	Rtx-624 0.25 (mm)
ZZZZZ		07/06/2011 12:11	1		Rtx-624 0.25 (mm)
ZZZZZ		07/06/2011 12:35	1		Rtx-624 0.25 (mm)
ZZZZZ		07/06/2011 12:59	1		Rtx-624 0.25 (mm)
ZZZZZ		07/06/2011 13:24	1		Rtx-624 0.25 (mm)
460-28327-6	SP-4-SOLID	07/06/2011 13:48	1	d10708.d	Rtx-624 0.25 (mm)
ZZZZZ		07/06/2011 14:12	1		Rtx-624 0.25 (mm)
ZZZZZ		07/06/2011 14:36	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 78701 Batch Start Date: 07/01/11 17:18 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
460-28327-A-6	SP-4-SOLID	5035, 8260B	T	5.04 g	5 mL				
460-28327-A-7	SP-3-SOLID	5035, 8260B	T	5.53 g	5 mL				
460-28327-A-8	SP-2-SOLID	5035, 8260B	T	5.66 g	5 mL				
460-28327-A-9	SP-1-SOLID	5035, 8260B	T	5.11 g	5 mL				
460-28327-A-10	DUPE-SOLID	5035, 8260B	T	5.42 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS1.i
Analytical Batch: /chem/VOAMS1.i/8260_09/05-21-11/21may11.b

Date Generated: 05/23/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	DIL Fac	Sublist	PH	STD LOT	COMMENTS
05/21/11 0221	a63937.d	2	BFB		0	0	1	all		8260 HIGH 731605 SURR 500: N/A SURR 250: N/A	G
05/21/11 0240	a63938.d	2	BLANK		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	25
05/21/11 0300	a63939.d	3	IC-VM6CAL1		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	24
05/21/11 0320	a63940.d	4	IC-VM6CAL1		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	G
05/21/11 0339	a63941.d	5	IC-VM6CAL2		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	G
05/21/11 0359	a63942.d	6	ICIS-VM6CAL3		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	G
05/21/11 0419	a63943.d	7	IC-VM6CAL4		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	G
05/21/11 0439	a63944.d	8	IC-VM6CAL5		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	G
05/21/11 0458	a63945.d	9	IC-VM6CAL6		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	G
05/21/11 0518	a63946.d	10	BLANK		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	G
05/21/11 0538	a63947.d	11	BLANK		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	24
05/21/11 0558	a63948.d	12	BLANK		5	0	1	all		GAS 500: 9718-758 MIX 1 500: 955517 MIX 2 500: 954547	24

#74374

Signed: Stephen Hwang Read and Understood by: John DeBarto

Date: 5-23-11

Date: 5/23/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMSI.i
Analytical Batch: /chem/VOAMSI.i/8260_09/05-21-11/05jul11.b

Date Generated: 07/06/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
07/05/11	0659 a65649.d	2	BFB		0	0	1			all	
07/05/11	0723 a65650.d	2	BFB		0	0	1			all	
07/05/11	0737 a65651.d	2	CCVIS		5	0	1			all	
07/05/11	0808 a65652.d	1	CCVIS		5	0	1			all	
07/05/11	0837 a65653.d	2	LCS		5	0	1			all	
07/05/11	0857 a65654.d	3	MB		5	0	1			all	
07/05/11	0916 a65655.d	4	MB		5	0	1			all	
07/05/11	0936 a65656.d	5	MB		5	0	1			all	
07/05/11	0956 a65657.d	6	460-28327-A-1	SP-4 WATER	5	0	1			all	
07/05/11	1016 a65658.d	7	LCS		5	0	1			all	
07/05/11	1043 a65659.d	8	460-28327-A-1MS		5	0	5			all	
07/05/11	1103 a65660.d	9	460-28327-A-1MSD		5	0	5			all	
07/05/11	1123 a65661.d	10	BLANK		5	0	1			all	
07/05/11	1143 a65662.d	11	BLANK		5	0	1			all	

#78833

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS1.1
Analytical Batch: /chem/VOAMS1.1/8260_09/05-21-11/05jul11.b

Date Generated: 07/06/2011
Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD LOT	COMMENTS
07/05/11 1203	a65663.d	12	460-28248-D-1		5	0	1				
07/05/11 1222	a65664.d	13	460-28179-A-5	FB062811	5	0	1				
07/05/11 1242	a65665.d	14	460-28179-A-6	TB	5	0	1				
07/05/11 1302	a65666.d	15	460-28179-A-1	MW-9	5	0	1				
07/05/11 1322	a65667.d	16	460-28179-D-2	MW-7	5	0	1				
07/05/11 1341	a65668.d	17	460-28179-A-3	MW-4	5	0	1				
07/05/11 1401	a65669.d	18	460-28179-A-4	MW-10	5	0	1				
07/05/11 1421	a65670.d	19	460-28204-A-1	GW-11	5	0	1				
07/05/11 1440	a65671.d	20	460-28204-A-2	GW-12	5	0	1				
07/05/11 1500	a65672.d	21	460-28204-A-3	GW-13	5	0	1				
07/05/11 1519	a65673.d	22	460-28204-A-4	GW-14	5	0	1				
07/05/11 1538	a65674.d	23	460-28327-A-2	SP-3-WATER	5	0	1				
07/05/11 1557	a65675.d	24	460-28327-A-3	SP-2-WATER	5	0	1				
07/05/11 1617	a65676.d	25	460-28327-A-4	SP-1-WATER	5	0	1				

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS1.i

Analytical Batch: /chem/VOAMS1.i/8260_09/05-21-11/05jul11.b

Date Generated: 07/06/2011

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
					IW		Fac			LOT	
07/05/11	1637	a65677.d	26	460-28327-A-5							
				DUPE-WATER	5	0	1	all	12		5

Signed: *Steve Roe Patis* Read and Understood by: *Stephen Henry*

Date: *7/6/11* Date: *7-6-11*

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.1

Analytical Batch: /chem/VOAMS4.1/8260L_10/05-16-11/16may11.b

Date Generated: 05/16/2011

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/16/11 0752	d08980.d	2	BFB		0	0	1	all			
05/16/11 0813	d08981.d	1	BLANK		5	5	1	all			
05/16/11 0837	d08982.d	2	ICIS-VM8LCAL3		5	5	1	all			
05/16/11 0907	d08983.d	3	IC-VM8LCAL2		5	5	1	all			
05/16/11 0931	d08984.d	4	IC-VM8LCAL1		5	5	1	all			
05/16/11 0955	d08985.d	5	IC-VM8LCAL1		5	5	1	all			
05/16/11 1019	d08986.d	6	IC-VM8LCAL4		5	5	1	all			
05/16/11 1044	d08987.d	7	IC-VM8LCAL5		5	5	1	all			
05/16/11 1108	d08988.d	8	IC-VM8LCAL6		5	5	1	all			
05/16/11 1132	d08989.d	9	BLANK		5	5	1	all			
05/16/11 1156	d08990.d	10	BLANK		5	5	1	all			
05/16/11 1224	d08991.d	11	BLANK		5	5	1	all			
05/16/11 1248	d08992.d	12	IC-VM8LCAL2		5	5	1	all			
05/16/11 1319	d08993.d	13	IC-VM8LCAL2		5	5	1	all			

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TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/05-16-11/16may11.b

Date Generated: 05/16/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	DIL	Sublist	PH	STD	COMMENTS
					IW		Fac			IOT	
05/16/11 1343	d08994.d	14	ICIS-VM81CAL3		5	5	1				G
								all			
05/16/11 1419	d08995.d	15	IC-VM81CAL5		5	5	1				NG wrong prep
								all			
05/16/11 1550	d08996.d	16	BLANK		5	5	1				NG
								all			
05/16/11 1613	d08997.d	17	IC-VM81CAL5		5	5	1				G
								all			
05/16/11 1650	d08998.d	18	BLK		5	5	1				NG
								all			
05/16/11 1714	d08999.d	19	ICV		5	5	1				G
								all			

Signed: KB for Sueabh Desai's

Read and Understood by:

Ken Bogan

Date: 5/16/11

Date: 5/16/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i
Analytical Batch: /chem/VOAMS4.i/8260L_10/05-16-11/05jul11.b

Date Generated: 07/06/2011
Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	DIL	Sublist	PH	STD	COMMENTS
07/05/11	1559 d10684.d	14	460-28327-A-9-B	SP-1-SOLID	5.11	5	1	all			G
07/05/11	1623 d10685.d	15	460-28327-A-10-B	DUPE-SOLID	5.42	5	1	all			G
07/05/11	1647 d10686.d	16	460-28227-B-1-A	PE-5R	5.13	5	1	all			G
07/05/11	1711 d10687.d	17	460-28216-D-5-A	D1	10.62	5	1	all			NG. Int. v/suwt/REML
07/05/11	1736 d10688.d	18	460-28216-D-6-A	D2	11.33	5	1	all			NG. Int. v/suwt/REML
07/05/11	1800 d10689.d	19	460-28028-D-5-A	SB-04-02-1.5	6.17	5	1	all			NG. Int. v/suwt/REML
07/05/11	1825 d10690.d	20	460-28028-D-7-A	SB-04-03-1.5	5.77	5	1	all			NG. Int. v/suwt/REML
07/05/11	1849 d10691.d	21	460-28205-D-1-A	SB-17	4.44	5	1	all			G
07/05/11	1913 d10692.d	22	460-28205-D-2-A	SB-18	5.03	5	1	all			G
07/05/11	1937 d10693.d	23	460-28223-A-24-C	27489-6-7-8-9-10	5.11	5	1	all			G
07/05/11	2001 d10694.d	24	460-28223-A-40-D	27826-1-2-3-4-5	5.65	5	1	all			NG. 2. Buavone in CCS/CS
07/05/11	2026 d10695.d	25	BLANK		5	5	1	all			CC
07/05/11	2050 d10696.d	26	BLANK		5	5	1	all			Cleanup

Signed: Shawnath Devi Read and Understood by: Chetan Mavang
Date: 07/06/11 Date: 7-6-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i
Analytical Batch: /chem/VOAMS4.i/8260L_10/05-16-11/06jul11.b

Date Generated: 07/07/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV	FV	Dil	Sublist	PH	STD	COMMENTS
07/06/11	0652	d10697.d	2	BFB	0	0	1			a11	
07/06/11	0709	d10698.d	1	CCVIS	5	5	1			a11	
07/06/11	0734	d10699.d	2	LCS	5	5	1			a11	
07/06/11	0952	d10700.d	3	LCS	5	5	1			a11	
07/06/11	1048	d10701.d	4	LCSD	5	5	1			a11	
07/06/11	1122	d10702.d	5	MB	5	5	1			a11	
07/06/11	1147	d10703.d	6	MB	5	5	1			a11	
07/06/11	1211	d10704.d	7	LB3 460-78778/1-A	5	5	1			a11	
07/06/11	1235	d10705.d	8	460-28087-C-2-A	2.89	5	1			a11	
07/06/11	1259	d10706.d	9	460-28087-C-3-A	4.08	5	1			a11	
07/06/11	1324	d10707.d	10	460-28374-A-1-E	4.98	5	1			a11	
07/06/11	1348	d10708.d	11	460-28327-A-6-C	5.04	5	1			a11	
07/06/11	1412	d10709.d	12	460-28331-A-1-C	5.54	5	1			a11	
07/06/11	1436	d10710.d	13	460-28339-C-2-A	3.47	5	1			a11	

78926

8260 IS: 984470
SURF 250:
8260 LOW
GAS 50: 185824
MIX 50: 1050827
MIX 2 50: 1050857
MIX 3:
ACIAC: 1050831
GAS SP: 1050826
8260 SP: 1050857
MIX 3 SP:
ACIAC SP: 1050832
MISC: 1031147
BFB
MISC
50349

Signed: *Deborah Davis*

Read and Understood by:

Lee Del Auto

07/07/11

7/7/11

Method 8270C

Semivolatile Organic Compounds
(GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SP-4-SOLID	460-28327-6	69	71	72	76	65	86
SP-3-SOLID	460-28327-7	79	82	78	78	66	96
SP-2-SOLID	460-28327-8	71	74	70	71	61	89
SP-1-SOLID	460-28327-9	65	67	70	73	58	87
DUPE-SOLID	460-28327-10	79	80	82	80	65	96
	MB 460-78748/1-A	84	87	83	81	77	95
	LCS 460-78748/2-A	71	73	74	74	84	82
	460-27964-A-1-B MS	77	79	79	80	57	89
	460-27964-A-1-C MSD	72	74	77	79	54	85

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 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 #
SP-4-WATER	460-28327-1	30	17	90	94	88	92
SP-3-WATER	460-28327-2	26	14	79	83	74	86
SP-2-WATER	460-28327-3	29	16	84	86	77	86
SP-1-WATER	460-28327-4	27	15	82	87	76	91
DUPE-WATER	460-28327-5	28	15	84	89	79	87
	MB 460-78746/1-A	41	24	94	93	87	89
	LCS 460-78746/2-A	34	18	84	93	81	80
	LCSD 460-78746/3-A	33	17	85	91	81	83

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	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.: 460-28327-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: x16292.d
 Lab ID: LCS 460-78746/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	95.6	21.8	23	12-44	
2-Chlorophenol	96.1	65.9	69	53-101	
2-Methylphenol	96.4	47.8	50	40-90	
4-Methylphenol	96.4	34.7	36	30-75	
2-Nitrophenol	96.6	79.2	82	65-107	
2,4-Dimethylphenol	96.2	71.3	74	55-100	
2,4-Dichlorophenol	96.8	76.3	79	64-107	
4-Chloro-3-methylphenol	96.7	67.4	70	57-106	
2,4,6-Trichlorophenol	97.4	83.1	85	67-111	
2,4,5-Trichlorophenol	97.4	84.2	87	67-114	
2,4-Dinitrophenol	100	64.3	64	19-113	
4-Nitrophenol	100	27.4 J	27	10-44	
4,6-Dinitro-2-methylphenol	100	84.9	85	58-115	
Pentachlorophenol	100	88.8	89	55-116	
Bis(2-chloroethyl)ether	100	87.7	88	62-108	
1,3-Dichlorobenzene	100	80.5	80	54-97	
1,4-Dichlorobenzene	100	80.6	81	56-98	
1,2-Dichlorobenzene	100	85.7	86	57-98	
N-Nitrosodi-n-propylamine	100	82.9	83	70-109	
Hexachloroethane	100	79.4	79	50-99	
Nitrobenzene	100	79.8	80	66-106	
Isophorone	100	69.6	70	68-108	
Bis(2-chloroethoxy)methane	100	80.4	80	69-108	
1,2,4-Trichlorobenzene	100	80.3	80	58-98	
Naphthalene	100	80.4	80	63-101	
4-Chloroaniline	100	74.5	75	58-105	
Hexachlorobutadiene	100	80.6	81	52-99	
2-Methylnaphthalene	100	78.4	78	66-102	
Hexachlorocyclopentadiene	100	83.4	83	40-105	
2-Chloronaphthalene	100	91.4	91	65-107	
2-Nitroaniline	100	86.2	86	73-116	
Dimethyl phthalate	100	86.0	86	69-111	
Acenaphthylene	100	80.2	80	67-107	
2,6-Dinitrotoluene	100	85.0	85	68-114	
3-Nitroaniline	100	78.3	78	59-108	
Acenaphthene	100	100	100	66-108	
Dibenzofuran	100	88.5	88	68-105	
2,4-Dinitrotoluene	100	83.4	83	65-113	
Diethyl phthalate	100	83.1	83	66-109	
4-Chlorophenyl phenyl ether	100	90.8	91	68-105	
Fluorene	100	86.8	87	68-105	
4-Nitroaniline	100	85.3	85	49-119	

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.: 460-28327-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: x16292.d
 Lab ID: LCS 460-78746/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	100	91.3	91	71-121	
4-Bromophenyl phenyl ether	100	86.4	86	66-110	
Hexachlorobenzene	100	83.1	83	65-107	
Phenanthrene	100	86.0	86	68-110	
Anthracene	100	85.7	86	68-108	
Carbazole	100	90.3	90	67-110	
Di-n-butyl phthalate	100	85.7	86	68-111	
Fluoranthene	100	88.9	89	68-108	
Pyrene	100	79.4	79	61-110	
Butyl benzyl phthalate	100	80.5	80	66-115	
3,3'-Dichlorobenzidine	100	91.4	91	69-129	
Benzo[a]anthracene	100	81.7	82	65-106	
Chrysene	100	89.4	89	68-112	
Bis(2-ethylhexyl) phthalate	100	80.4	80	66-114	
Di-n-octyl phthalate	100	67.4	67	51-115	
Benzo[b]fluoranthene	100	79.6	80	65-111	
Benzo[k]fluoranthene	100	91.4	91	66-114	
Benzo[a]pyrene	100	83.0	83	58-101	
Indeno[1,2,3-cd]pyrene	100	80.6	81	68-121	
Dibenz(a,h)anthracene	100	94.4	94	67-124	
Benzo[g,h,i]perylene	100	99.2	99	65-134	
bis (2-chloroisopropyl) ether	100	78.8	79	68-107	

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.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z18203.d
 Lab ID: LCS 460-78748/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6650	4510	68	54-115	
2-Chlorophenol	6650	4700	71	56-110	
2-Methylphenol	6650	4870	73	54-117	
4-Methylphenol	6650	4340	65	47-103	
2-Nitrophenol	6650	5040	76	55-101	
2,4-Dimethylphenol	6650	4910	74	56-112	
2,4-Dichlorophenol	6650	4800	72	58-115	
4-Chloro-3-methylphenol	6650	5180	78	55-117	
2,4,6-Trichlorophenol	6650	4770	72	53-118	
2,4,5-Trichlorophenol	6650	5030	76	50-115	
2,4-Dinitrophenol	6650	787 J	12	10-129	
4-Nitrophenol	6650	5820	87	45-114	
4,6-Dinitro-2-methylphenol	6650	1770	27	10-110	
Pentachlorophenol	6650	4930	74	19-113	
Bis(2-chloroethyl)ether	3330	2440	73	44-101	
1,3-Dichlorobenzene	3330	2230	67	47-84	
1,4-Dichlorobenzene	3330	2240	67	47-85	
1,2-Dichlorobenzene	3330	2300	69	48-87	
N-Nitrosodi-n-propylamine	3330	2700	81	42-107	
Hexachloroethane	3330	2220	67	45-90	
Nitrobenzene	3330	2310	69	42-106	
Isophorone	3330	2520	76	48-97	
Bis(2-chloroethoxy)methane	3330	2590	78	51-100	
1,2,4-Trichlorobenzene	3330	2390	72	48-94	
Naphthalene	3330	2390	72	53-94	
4-Chloroaniline	3330	1620	49	10-96	
Hexachlorobutadiene	3330	2370	71	45-98	
2-Methylnaphthalene	3330	2480	75	51-98	
Hexachlorocyclopentadiene	3330	2050	62	24-98	
2-Chloronaphthalene	3330	2400	72	51-102	
2-Nitroaniline	3330	2580	78	51-109	
Dimethyl phthalate	3330	2650	80	52-112	
Acenaphthylene	3330	2450	74	51-103	
2,6-Dinitrotoluene	3330	2790	84	51-115	
3-Nitroaniline	3330	2130	64	32-104	
Acenaphthene	3330	2530	76	46-100	
Dibenzofuran	3330	2550	77	52-106	
2,4-Dinitrotoluene	3330	2730	82	53-110	
Diethyl phthalate	3330	2760	83	52-114	
4-Chlorophenyl phenyl ether	3330	2600	78	50-106	
Fluorene	3330	2630	79	51-108	
4-Nitroaniline	3330	3000	90	45-106	

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.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z18203.d
 Lab ID: LCS 460-78748/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	2790	84	49-106	
4-Bromophenyl phenyl ether	3330	2560	77	44-102	
Hexachlorobenzene	3330	2560	77	43-104	
Phenanthrene	3330	2620	79	48-108	
Anthracene	3330	2570	77	50-107	
Carbazole	3330	2700	81	49-104	
Di-n-butyl phthalate	3330	2770	83	50-108	
Fluoranthene	3330	2740	82	49-108	
Pyrene	3330	2640	79	49-116	
Butyl benzyl phthalate	3330	2790	84	49-117	
3,3'-Dichlorobenzidine	3330	2320	70	24-105	
Benzo[a]anthracene	3330	2560	77	46-112	
Chrysene	3330	2680	81	45-114	
Bis(2-ethylhexyl) phthalate	3330	2810	85	49-119	
Di-n-octyl phthalate	3330	2780	84	40-106	
Benzo[b]fluoranthene	3330	2700	81	33-96	
Benzo[k]fluoranthene	3330	2660	80	35-115	
Benzo[a]pyrene	3330	2670	80	36-89	
Indeno[1,2,3-cd]pyrene	3330	2740	82	43-109	
Dibenz(a,h)anthracene	3330	2830	85	43-107	
Benzo[g,h,i]perylene	3330	2690	81	43-106	
bis (2-chloroisopropyl) ether	3330	2230	67	45-102	

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.: 460-28327-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: x16293.d
 Lab ID: LCSD 460-78746/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	95.6	21.1	22	3	30	12-44	
2-Chlorophenol	96.1	64.3	67	2	30	53-101	
2-Methylphenol	96.4	47.3	49	1	30	40-90	
4-Methylphenol	96.4	35.1	36	1	30	30-75	
2-Nitrophenol	96.6	78.5	81	1	30	65-107	
2,4-Dimethylphenol	96.2	68.2	71	4	30	55-100	
2,4-Dichlorophenol	96.8	76.7	79	0	30	64-107	
4-Chloro-3-methylphenol	96.7	68.4	71	1	30	57-106	
2,4,6-Trichlorophenol	97.4	83.6	86	1	30	67-111	
2,4,5-Trichlorophenol	97.4	81.7	84	3	30	67-114	
2,4-Dinitrophenol	100	64.4	64	0	30	19-113	
4-Nitrophenol	100	26.5 J	27	3	30	10-44	
4,6-Dinitro-2-methylphenol	100	80.9	81	5	30	58-115	
Pentachlorophenol	100	84.9	85	4	30	55-116	
Bis(2-chloroethyl)ether	100	87.3	87	0	30	62-108	
1,3-Dichlorobenzene	100	78.2	78	3	30	54-97	
1,4-Dichlorobenzene	100	79.6	80	1	30	56-98	
1,2-Dichlorobenzene	100	83.9	84	2	30	57-98	
N-Nitrosodi-n-propylamine	100	83.8	84	1	30	70-109	
Hexachloroethane	100	78.5	79	1	30	50-99	
Nitrobenzene	100	79.7	80	0	30	66-106	
Isophorone	100	69.2	69	1	30	68-108	
Bis(2-chloroethoxy)methane	100	80.5	80	0	30	69-108	
1,2,4-Trichlorobenzene	100	79.1	79	2	30	58-98	
Naphthalene	100	80.6	81	0	30	63-101	
4-Chloroaniline	100	75.1	75	1	30	58-105	
Hexachlorobutadiene	100	81.5	82	1	30	52-99	
2-Methylnaphthalene	100	78.3	78	0	30	66-102	
Hexachlorocyclopentadiene	100	82.8	83	1	30	40-105	
2-Chloronaphthalene	100	92.3	92	1	30	65-107	
2-Nitroaniline	100	86.0	86	0	30	73-116	
Dimethyl phthalate	100	85.3	85	1	30	69-111	
Acenaphthylene	100	79.1	79	1	30	67-107	
2,6-Dinitrotoluene	100	84.9	85	0	30	68-114	
3-Nitroaniline	100	78.8	79	1	30	59-108	
Acenaphthene	100	102	102	1	30	66-108	
Dibenzofuran	100	89.7	90	1	30	68-105	
2,4-Dinitrotoluene	100	83.4	83	0	30	65-113	
Diethyl phthalate	100	83.0	83	0	30	66-109	
4-Chlorophenyl phenyl ether	100	91.8	92	1	30	68-105	
Fluorene	100	86.7	87	0	30	68-105	
4-Nitroaniline	100	78.2	78	9	30	49-119	

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.: 460-28327-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: x16293.d
Lab ID: LCSD 460-78746/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	100	92.1	92	1	30	71-121	
4-Bromophenyl phenyl ether	100	88.1	88	2	30	66-110	
Hexachlorobenzene	100	84.3	84	1	30	65-107	
Phenanthrene	100	85.6	86	1	30	68-110	
Anthracene	100	85.5	85	0	30	68-108	
Carbazole	100	86.3	86	5	30	67-110	
Di-n-butyl phthalate	100	84.7	85	1	30	68-111	
Fluoranthene	100	86.6	87	3	30	68-108	
Pyrene	100	83.7	84	5	30	61-110	
Butyl benzyl phthalate	100	82.8	83	3	30	66-115	
3,3'-Dichlorobenzidine	100	92.0	92	1	30	69-129	
Benzo[a]anthracene	100	83.7	84	2	30	65-106	
Chrysene	100	94.4	94	5	30	68-112	
Bis(2-ethylhexyl) phthalate	100	82.0	82	2	30	66-114	
Di-n-octyl phthalate	100	68.4	68	1	30	51-115	
Benzo[b]fluoranthene	100	81.6	82	2	30	65-111	
Benzo[k]fluoranthene	100	93.4	93	2	30	66-114	
Benzo[a]pyrene	100	85.5	86	3	30	58-101	
Indeno[1,2,3-cd]pyrene	100	87.4	87	8	30	68-121	
Dibenz(a,h)anthracene	100	95.2	95	1	30	67-124	
Benzo[g,h,i]perylene	100	101	101	1	30	65-134	
bis (2-chloroisopropyl) ether	100	78.8	79	0	30	68-107	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z18182.d
Lab ID: 460-27964-A-1-B MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7780	380 U	5610	72	54-115	
2-Chlorophenol	7780	380 U	5860	75	56-110	
2-Methylphenol	7780	380 U	6110	79	54-117	
4-Methylphenol	7780	380 U	5420	70	47-103	
2-Nitrophenol	7780	380 U	5240	67	55-101	
2,4-Dimethylphenol	7780	380 U	6030	78	56-112	
2,4-Dichlorophenol	7780	380 U	5800	75	58-115	
4-Chloro-3-methylphenol	7780	380 U	6370	82	55-117	
2,4,6-Trichlorophenol	7780	380 U	4260	55	53-118	
2,4,5-Trichlorophenol	7780	380 U	5370	69	50-115	
2,4-Dinitrophenol	7780	1200 U	1200 U	0	10-129	F
4-Nitrophenol	7780	1200 U	4120	53	45-114	
4,6-Dinitro-2-methylphenol	7780	1200 U	1200 U	0	10-110	F
Pentachlorophenol	7780	1200 U	1530	20	19-113	
Bis(2-chloroethyl)ether	3890	38 U	2860	74	44-101	
1,3-Dichlorobenzene	3890	380 U	2350	60	47-84	
1,4-Dichlorobenzene	3890	380 U	2380	61	47-85	
1,2-Dichlorobenzene	3890	380 U	2480	64	48-87	
N-Nitrosodi-n-propylamine	3890	38 U	3430	88	42-107	
Hexachloroethane	3890	38 U	2400	62	45-90	
Nitrobenzene	3890	38 U	2780	72	42-106	
Isophorone	3890	380 U	3170	82	48-97	
Bis(2-chloroethoxy)methane	3890	380 U	3170	81	51-100	
1,2,4-Trichlorobenzene	3890	38 U	2740	70	48-94	
Naphthalene	3890	380 U	2790	72	53-94	
4-Chloroaniline	3890	380 U	2620	67	10-96	
Hexachlorobutadiene	3890	78 U	2680	69	45-98	
2-Methylnaphthalene	3890	380 U	2970	76	51-98	
Hexachlorocyclopentadiene	3890	380 U	2560	66	24-98	
2-Chloronaphthalene	3890	380 U	3000	77	51-102	
2-Nitroaniline	3890	780 U	3900	100	51-109	
Dimethyl phthalate	3890	380 U	3310	85	52-112	
Acenaphthylene	3890	380 U	3060	79	51-103	
2,6-Dinitrotoluene	3890	78 U	3450	89	51-115	
3-Nitroaniline	3890	780 U	3080	79	32-104	
Acenaphthene	3890	380 U	3150	81	46-100	
Dibenzofuran	3890	380 U	3160	81	52-106	
2,4-Dinitrotoluene	3890	78 U	3310	85	53-110	
Diethyl phthalate	3890	380 U	3330	86	52-114	
4-Chlorophenyl phenyl ether	3890	380 U	3240	83	50-106	
Fluorene	3890	380 U	3260	84	51-108	
4-Nitroaniline	3890	780 U	3050	78	45-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z18182.d
 Lab ID: 460-27964-A-1-B MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3890	380 U	3550	91	49-106	
4-Bromophenyl phenyl ether	3890	380 U	3280	84	44-102	
Hexachlorobenzene	3890	38 U	3300	85	43-104	
Phenanthrene	3890	380 U	3310	85	48-108	
Anthracene	3890	380 U	3210	83	50-107	
Carbazole	3890	380 U	3380	87	49-104	
Di-n-butyl phthalate	3890	380 U	3300	85	50-108	
Fluoranthene	3890	380 U	3280	84	49-108	
Pyrene	3890	380 U	3350	86	49-116	
Butyl benzyl phthalate	3890	380 U	3340	86	49-117	
3,3'-Dichlorobenzidine	3890	780 U	3180	82	24-105	
Benzo[a]anthracene	3890	38 U	3230	83	46-112	
Chrysene	3890	380 U	3340	86	45-114	
Bis(2-ethylhexyl) phthalate	3890	160 J	3500	86	49-119	
Di-n-octyl phthalate	3890	380 U	3180	82	40-106	
Benzo[b]fluoranthene	3890	38 U	3310	85	33-96	
Benzo[k]fluoranthene	3890	38 U	3140	81	35-115	
Benzo[a]pyrene	3890	38 U	3330	86	36-89	
Indeno[1,2,3-cd]pyrene	3890	38 U	3480	89	43-109	
Dibenz(a,h)anthracene	3890	38 U	3640	94	43-107	
Benzo[g,h,i]perylene	3890	380 U	3550	91	43-106	
bis (2-chloroisopropyl) ether	3890	380 U	2560	66	45-102	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z18183.d
Lab ID: 460-27964-A-1-C MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	7770	5280	68	6	30	54-115	
2-Chlorophenol	7770	5470	70	7	30	56-110	
2-Methylphenol	7770	5720	74	7	30	54-117	
4-Methylphenol	7770	5090	66	6	30	47-103	
2-Nitrophenol	7770	4980	64	5	30	55-101	
2,4-Dimethylphenol	7770	5830	75	3	30	56-112	
2,4-Dichlorophenol	7770	5520	71	5	30	58-115	
4-Chloro-3-methylphenol	7770	6010	77	6	30	55-117	
2,4,6-Trichlorophenol	7770	3860	50	10	30	53-118	F
2,4,5-Trichlorophenol	7770	4970	64	8	30	50-115	
2,4-Dinitrophenol	7770	1200 U	0	NC	30	10-129	F
4-Nitrophenol	7770	3740	48	10	30	45-114	
4,6-Dinitro-2-methylphenol	7770	1200 U	0	NC	30	10-110	F
Pentachlorophenol	7770	1440	19	6	30	19-113	
Bis(2-chloroethyl)ether	3880	2730	70	5	30	44-101	
1,3-Dichlorobenzene	3880	2240	58	5	30	47-84	
1,4-Dichlorobenzene	3880	2290	59	4	30	47-85	
1,2-Dichlorobenzene	3880	2420	62	3	30	48-87	
N-Nitrosodi-n-propylamine	3880	3180	82	8	30	42-107	
Hexachloroethane	3880	2300	59	4	30	45-90	
Nitrobenzene	3880	2730	70	2	30	42-106	
Isophorone	3880	3060	79	3	30	48-97	
Bis(2-chloroethoxy)methane	3880	3090	80	2	30	51-100	
1,2,4-Trichlorobenzene	3880	2690	69	2	30	48-94	
Naphthalene	3880	2720	70	2	30	53-94	
4-Chloroaniline	3880	2480	64	5	30	10-96	
Hexachlorobutadiene	3880	2630	68	2	30	45-98	
2-Methylnaphthalene	3880	2890	74	3	30	51-98	
Hexachlorocyclopentadiene	3880	2520	65	1	30	24-98	
2-Chloronaphthalene	3880	2960	76	1	30	51-102	
2-Nitroaniline	3880	3740	96	4	30	51-109	
Dimethyl phthalate	3880	3130	80	6	30	52-112	
Acenaphthylene	3880	2940	76	4	30	51-103	
2,6-Dinitrotoluene	3880	3270	84	5	30	51-115	
3-Nitroaniline	3880	2930	75	5	30	32-104	
Acenaphthene	3880	3070	79	3	30	46-100	
Dibenzofuran	3880	3050	78	4	30	52-106	
2,4-Dinitrotoluene	3880	3110	80	6	30	53-110	
Diethyl phthalate	3880	3160	81	5	30	52-114	
4-Chlorophenyl phenyl ether	3880	3070	79	5	30	50-106	
Fluorene	3880	3080	79	6	30	51-108	
4-Nitroaniline	3880	2760	71	10	30	45-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z18183.d
 Lab ID: 460-27964-A-1-C MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	3880	3440	89	3	30	49-106	
4-Bromophenyl phenyl ether	3880	3270	84	0	30	44-102	
Hexachlorobenzene	3880	3260	84	1	30	43-104	
Phenanthrene	3880	3220	83	3	30	48-108	
Anthracene	3880	3180	82	1	30	50-107	
Carbazole	3880	3280	84	3	30	49-104	
Di-n-butyl phthalate	3880	3230	83	2	30	50-108	
Fluoranthene	3880	3220	83	2	30	49-108	
Pyrene	3880	3200	82	5	30	49-116	
Butyl benzyl phthalate	3880	3350	86	0	30	49-117	
3,3'-Dichlorobenzidine	3880	3040	78	4	30	24-105	
Benzo[a]anthracene	3880	3120	80	3	30	46-112	
Chrysene	3880	3320	86	1	30	45-114	
Bis(2-ethylhexyl) phthalate	3880	3500	86	0	30	49-119	
Di-n-octyl phthalate	3880	3110	80	2	30	40-106	
Benzo[b]fluoranthene	3880	3030	78	9	30	33-96	
Benzo[k]fluoranthene	3880	3300	85	5	30	35-115	
Benzo[a]pyrene	3880	3240	83	3	30	36-89	
Indeno[1,2,3-cd]pyrene	3880	3390	87	2	30	43-109	
Dibenz(a,h)anthracene	3880	3510	90	4	30	43-107	
Benzo[g,h,i]perylene	3880	3460	89	2	30	43-106	
bis (2-chloroisopropyl) ether	3880	2470	64	4	30	45-102	

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.: 460-28327-1
SDG No.: _____
Lab File ID: x16291.d Lab Sample ID: MB 460-78746/1-A
Matrix: Water Date Extracted: 07/04/2011 07:45
Instrument ID: BNAMS5 Date Analyzed: 07/06/2011 11:33
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-78746/2-A	x16292.d	07/06/2011 11:56
	LCSD 460-78746/3-A	x16293.d	07/06/2011 12:20
SP-4-WATER	460-28327-1	x16298.d	07/06/2011 14:20
SP-3-WATER	460-28327-2	x16299.d	07/06/2011 14:44
SP-2-WATER	460-28327-3	x16300.d	07/06/2011 15:08
SP-1-WATER	460-28327-4	x16301.d	07/06/2011 15:32
DUPE-WATER	460-28327-5	x16302.d	07/06/2011 15:56

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: z18178.d Lab Sample ID: MB 460-78748/1-A
Matrix: Solid Date Extracted: 07/04/2011 10:00
Instrument ID: BNAMS11 Date Analyzed: 07/05/2011 14:21
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	460-27964-A-1-B MS	z18182.d	07/05/2011 15:49
	460-27964-A-1-C MSD	z18183.d	07/05/2011 16:11
SP-2-SOLID	460-28327-8	z18187.d	07/05/2011 17:39
SP-3-SOLID	460-28327-7	z18188.d	07/05/2011 18:01
SP-1-SOLID	460-28327-9	z18194.d	07/05/2011 20:13
DUPE-SOLID	460-28327-10	z18195.d	07/05/2011 20:35
SP-4-SOLID	460-28327-6	z18196.d	07/05/2011 20:57
	LCS 460-78748/2-A	z18203.d	07/06/2011 12:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: z18169.d DFTPP Injection Date: 07/05/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 10:49
Analysis Batch No.: 78970

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	51.2
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	41.6
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	0.9
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.4
275	10.0 - 30.0 % of mass 198	23.7
365	Greater than 1.0 % of mass 198	3.3
441	Present but less than mass 443	11.8
442	Greater than 40.0 % of mass 198	84.8
443	17.0 - 23.0 % of mass 442	16.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-78970/2	z18170.d	07/05/2011	11:05
	IC 460-78970/3	z18171.d	07/05/2011	11:28
	IC 460-78970/4	z18172.d	07/05/2011	11:50
	IC 460-78970/5	z18173.d	07/05/2011	12:12
	IC 460-78970/6	z18174.d	07/05/2011	12:34
	IC 460-78970/7	z18175.d	07/05/2011	12:56
	MB 460-78748/1-A	z18178.d	07/05/2011	14:21
	460-27964-A-1-B MS	z18182.d	07/05/2011	15:49
	460-27964-A-1-C MSD	z18183.d	07/05/2011	16:11
SP-2-SOLID	460-28327-8	z18187.d	07/05/2011	17:39
SP-3-SOLID	460-28327-7	z18188.d	07/05/2011	18:01
SP-1-SOLID	460-28327-9	z18194.d	07/05/2011	20:13
DUPE-SOLID	460-28327-10	z18195.d	07/05/2011	20:35
SP-4-SOLID	460-28327-6	z18196.d	07/05/2011	20:57

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: z18201.d DFTPP Injection Date: 07/06/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 11:52
Analysis Batch No.: 79233

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	51.1
68	Less than 2.0 % of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	41.8
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	53.0
197	Less than 1.0 % of mass 198	0.8
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	5.9
275	10.0 - 30.0 % of mass 198	23.6
365	Greater than 1.0 % of mass 198	3.7
441	Present but less than mass 443	12.2
442	Greater than 40.0 % of mass 198	89.0
443	17.0 - 23.0 % of mass 442	15.9 (17.9) 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 460-79233/2	z18202.d	07/06/2011	12:13
	LCS 460-78748/2-A	z18203.d	07/06/2011	12:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: x16103.d DFTPP Injection Date: 06/29/2011
Instrument ID: BNAMS5 DFTPP Injection Time: 02:56
Analysis Batch No.: 78346

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	48.1
68	Less than 2.0 % of mass 69	0.8 (2.0)1
69	Mass 69 relative abundance	39.4
70	Less than 2.0 % of mass 69	0.3 (0.8)1
127	40.0 - 60.0 % of mass 198	50.1
197	Less than 1.0 % of mass 198	0.4
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.9
275	10.0 - 30.0 % of mass 198	23.0
365	Greater than 1.0 % of mass 198	3.0
441	Present but less than mass 443	11.1
442	Greater than 40.0 % of mass 198	75.0
443	17.0 - 23.0 % of mass 442	14.1 (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
	ICIS 460-78346/2	x16104.d	06/29/2011	03:15
	IC 460-78346/3	x16105.d	06/29/2011	03:42
	IC 460-78346/4	x16106.d	06/29/2011	04:06
	IC 460-78346/5	x16107.d	06/29/2011	04:30
	IC 460-78346/6	x16108.d	06/29/2011	04:53
	IC 460-78346/7	x16109.d	06/29/2011	05:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Lab File ID: x16286.d DFTPP Injection Date: 07/06/2011
Instrument ID: BNAMS5 DFTPP Injection Time: 08:47
Analysis Batch No.: 79096

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	44.5
68	Less than 2.0 % of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	40.7
70	Less than 2.0 % of mass 69	0.3 (0.7) 1
127	40.0 - 60.0 % of mass 198	50.2
197	Less than 1.0 % of mass 198	0.4
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.5
275	10.0 - 30.0 % of mass 198	24.8
365	Greater than 1.0 % of mass 198	3.2
441	Present but less than mass 443	12.3
442	Greater than 40.0 % of mass 198	89.9
443	17.0 - 23.0 % of mass 442	16.0 (17.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-79096/2	x16287.d	07/06/2011	09:03
	MB 460-78746/1-A	x16291.d	07/06/2011	11:33
	LCS 460-78746/2-A	x16292.d	07/06/2011	11:56
	LCSD 460-78746/3-A	x16293.d	07/06/2011	12:20
SP-4-WATER	460-28327-1	x16298.d	07/06/2011	14:20
SP-3-WATER	460-28327-2	x16299.d	07/06/2011	14:44
SP-2-WATER	460-28327-3	x16300.d	07/06/2011	15:08
SP-1-WATER	460-28327-4	x16301.d	07/06/2011	15:32
DUPE-WATER	460-28327-5	x16302.d	07/06/2011	15:56

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Sample No.: ICIS 460-78970/2 Date Analyzed: 07/05/2011 11:05
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z18170.d Heated Purge: (Y/N) N
 Calibration ID: 11360

	DCB		NPT		ANT		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	485747	3.51	1620753	4.81	728439	6.56	
UPPER LIMIT	971494	4.01	3241506	5.31	1456878	7.06	
LOWER LIMIT	242874	3.01	810377	4.31	364220	6.06	
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-78748/1-A		548035	3.51	1947936	4.81	933494	6.56
460-27964-A-1-B MS		568678	3.52	1941740	4.81	861525	6.56
460-27964-A-1-C MSD		573091	3.51	1884791	4.81	827902	6.56
460-28327-8	SP-2-SOLID	616639	3.51	2140374	4.81	944442	6.56
460-28327-7	SP-3-SOLID	582045	3.51	2022641	4.81	913751	6.56
460-28327-9	SP-1-SOLID	535720	3.51	1741701	4.81	738789	6.55
460-28327-10	DUPE-SOLID	614030	3.51	2107095	4.81	981368	6.56
460-28327-6	SP-4-SOLID	584475	3.51	1951353	4.81	808845	6.55

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.: 460-28327-1
 SDG No.: _____
 Sample No.: ICIS 460-78970/2 Date Analyzed: 07/05/2011 11:05
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z18170.d Heated Purge: (Y/N) N
 Calibration ID: 11360

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	900300	8.00	514017	10.60	350476	12.27
UPPER LIMIT	1800600	8.50	1028034	11.10	700952	12.77
LOWER LIMIT	450150	7.50	257009	10.10	175238	11.77
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-78748/1-A		1140830	8.00	605932	10.60	448817 12.27
460-27964-A-1-B MS		1005381	8.00	546920	10.60	433638 12.27
460-27964-A-1-C MSD		941405	8.00	530622	10.60	426850 12.27
460-28327-8	SP-2-SOLID	1123414	8.00	586227	10.59	448713 12.27
460-28327-7	SP-3-SOLID	1095219	8.00	592034	10.59	440678 12.27
460-28327-9	SP-1-SOLID	833005	8.00	480419	10.59	401881 12.27
460-28327-10	DUPE-SOLID	1204078	8.00	618521	10.59	461997 12.27
460-28327-6	SP-4-SOLID	889329	8.00	483587	10.59	411805 12.27

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Sample No.: CCVIS 460-79233/2 Date Analyzed: 07/06/2011 12:13
Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): z18202.d Heated Purge: (Y/N) N
Calibration ID: 11360

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		349988	3.49	1167152	4.79	549548	6.54
UPPER LIMIT		699976	3.99	2334304	5.29	1099096	7.04
LOWER LIMIT		174994	2.99	583576	4.29	274774	6.04
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-78748/2-A		622903	3.49	2113803	4.79	956874	6.54

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.: 460-28327-1
SDG No.: _____
Sample No.: CCVIS 460-79233/2 Date Analyzed: 07/06/2011 12:13
Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): z18202.d Heated Purge: (Y/N) N
Calibration ID: 11360

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		695641	7.98	415381	10.58	316814	12.24
UPPER LIMIT		1391282	8.48	830762	11.08	633628	12.74
LOWER LIMIT		347821	7.48	207691	10.08	158407	11.74
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-78748/2-A		1186296	7.98	687408	10.58	497786	12.24

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Sample No.: CCVIS 460-79096/2 Date Analyzed: 07/06/2011 09:03
 Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): x16287.d Heated Purge: (Y/N) N
 Calibration ID: 11306

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		519428	4.08	1779552	5.36	782419	7.12
UPPER LIMIT		1038856	4.58	3559104	5.86	1564838	7.62
LOWER LIMIT		259714	3.58	889776	4.86	391210	6.62
LAB SAMPLE ID		CLIENT SAMPLE ID					
MB 460-78746/1-A		489230	4.07	1737867	5.36	804270	7.12
LCS 460-78746/2-A		417674	4.08	1427006	5.36	640321	7.12
LCSD 460-78746/3-A		399053	4.08	1359372	5.36	603659	7.11
460-28327-1	SP-4-WATER	597037	4.08	2140848	5.36	1030821	7.12
460-28327-2	SP-3-WATER	542151	4.07	1911126	5.36	889469	7.12
460-28327-3	SP-2-WATER	594475	4.07	2108831	5.36	991578	7.12
460-28327-4	SP-1-WATER	530563	4.07	1835052	5.36	852367	7.12
460-28327-5	DUPE-WATER	574044	4.07	2024336	5.36	943818	7.12

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.: 460-28327-1
 SDG No.: _____
 Sample No.: CCVIS 460-79096/2 Date Analyzed: 07/06/2011 09:03
 Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): x16287.d Heated Purge: (Y/N) N
 Calibration ID: 11306

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	918322	8.58	575059	11.28	434182	13.13
UPPER LIMIT	1836644	9.08	1150118	11.78	868364	13.63
LOWER LIMIT	459161	8.08	287530	10.78	217091	12.63
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-78746/1-A		1020402	8.58	678055	11.29	502085 13.13
LCS 460-78746/2-A		802601	8.58	589349	11.28	481872 13.13
LCSD 460-78746/3-A		748324	8.58	509006	11.28	410610 13.13
460-28327-1	SP-4-WATER	1392776	8.58	878238	11.30	626964 13.15
460-28327-2	SP-3-WATER	1126584	8.58	740911	11.29	548354 13.15
460-28327-3	SP-2-WATER	1284884	8.58	816597	11.29	591067 13.15
460-28327-4	SP-1-WATER	1058259	8.58	671085	11.29	497708 13.15
460-28327-5	DUPE-WATER	1195922	8.58	773915	11.29	564874 13.15

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>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-4-WATER</u>	Lab Sample ID: <u>460-28327-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16298.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 11:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>07/06/2011 14:20</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.89
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
87-86-5	Pentachlorophenol	30	U	30	5.1
111-44-4	Bis(2-chloroethyl) ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	4.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.52
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-4-WATER Lab Sample ID: 460-28327-1

Matrix: Water Lab File ID: x16298.d

Analysis Method: 8270C Date Collected: 06/30/2011 11:00

Extract. Method: 3510C Date Extracted: 07/04/2011 07:45

Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 14:20

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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-4-WATER Lab Sample ID: 460-28327-1
Matrix: Water Lab File ID: x16298.d
Analysis Method: 8270C Date Collected: 06/30/2011 11:00
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 14:20
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	90		56-112
4165-62-2	Phenol-d5	17		10-48
1718-51-0	Terphenyl-d14	92		50-122
118-79-6	2,4,6-Tribromophenol	88		46-122
367-12-4	2-Fluorophenol	30		10-65
321-60-8	2-Fluorobiphenyl	94		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16298.d
 Report Date: 07-Jul-2011 16:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16298.d
 Lab Smp Id: 460-28327-E-1-A Client Smp ID: SP-4-WATER
 Inj Date : 06-JUL-2011 14:20
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-28327-E-1-A
 Misc Info : 460-28327-E-1-A
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
 Meth Date : 07-Jul-2011 10:07 monica Quant Type: ISTD
 Cal Date : 29-JUN-2011 05:17 Cal File: x16109.d
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-h20.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)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.494	1.470	(0.366)	21966	2.34435	4.7(a)
\$ 16 2-Fluorophenol (SUR)	112	2.817	2.805	(0.691)	306381	15.1516	30
\$ 17 Phenol-d5 (SUR)	99	3.735	3.746	(0.916)	226094	8.30894	17
* 79 1,4-Dichlorobenzene-d4	152	4.076	4.076	(1.000)	597037	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.635	4.646	(0.864)	944537	44.9415	90
* 80 Naphthalene-d8	136	5.364	5.364	(1.000)	2140848	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.458	6.458	(0.907)	1523604	46.8839	94
* 82 Acenaphthene-d10	164	7.117	7.117	(1.000)	1030821	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.899	7.899	(1.110)	206066	44.1654	88
* 83 Phenanthrene-d10	188	8.581	8.576	(1.000)	1392776	40.0000	
\$ 78 Terphenyl-d14	244	10.164	10.146	(0.900)	1058293	45.9733	92
* 81 Chrysene-d12	240	11.299	11.281	(1.000)	878238	40.0000	
* 84 Perylene-d12	264	13.152	13.128	(1.000)	626964	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16298.d
Report Date: 07-Jul-2011 16:07

QC Flag Legend

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

Data File: x16298.d

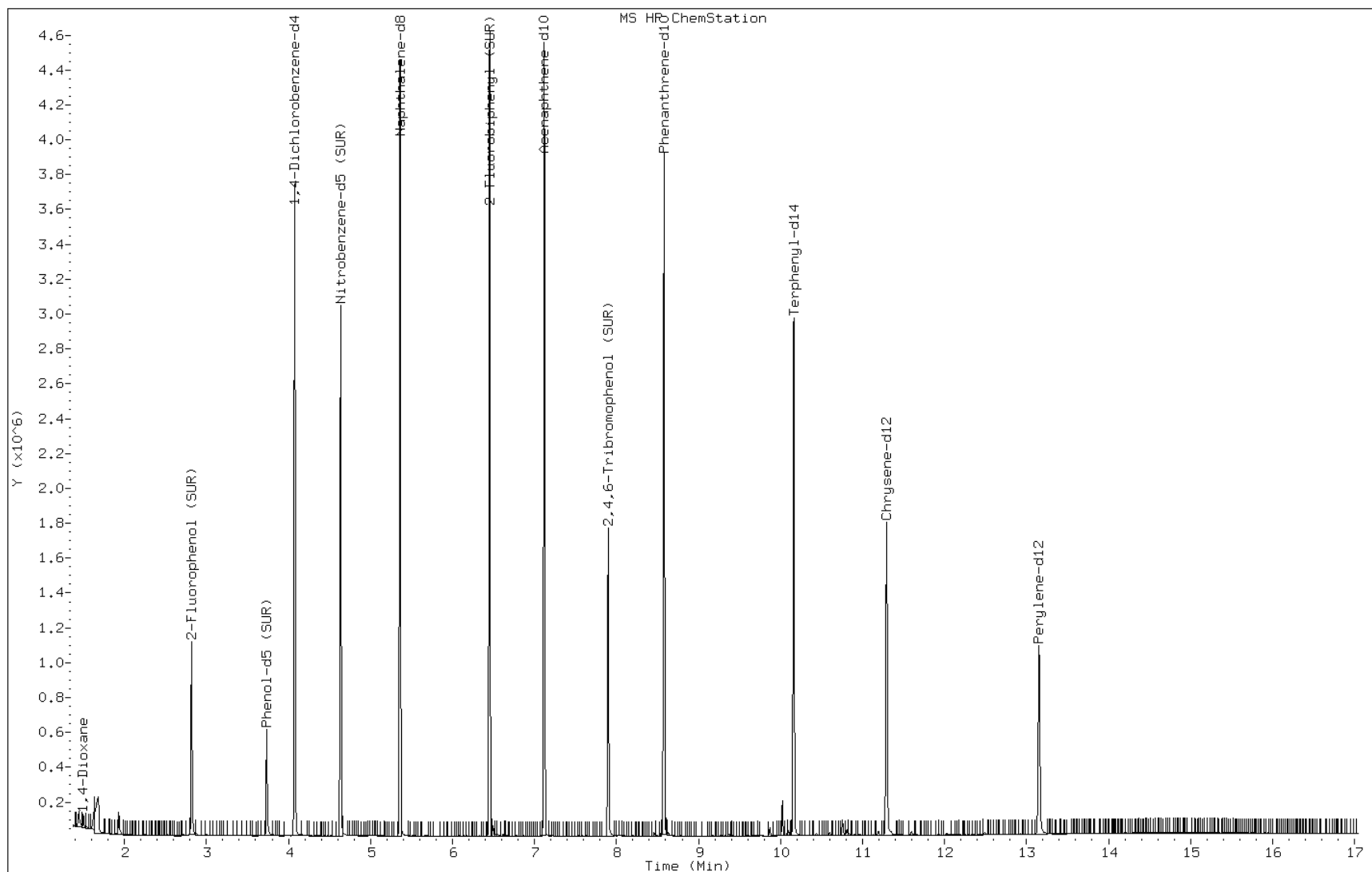
Date: 06-JUL-2011 14:20

Client ID: SP-4-WATER

Instrument: BNAMS5.i

Sample Info: 460-28327-E-1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-3-WATER</u>	Lab Sample ID: <u>460-28327-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16299.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 09:30</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000(mL)</u>	Date Analyzed: <u>07/06/2011 14:44</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.89
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
87-86-5	Pentachlorophenol	30	U	30	5.1
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	4.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.52
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-3-WATER</u>	Lab Sample ID: <u>460-28327-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16299.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 09:30</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>07/06/2011 14:44</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-3-WATER Lab Sample ID: 460-28327-2
Matrix: Water Lab File ID: x16299.d
Analysis Method: 8270C Date Collected: 06/30/2011 09:30
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 14:44
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		56-112
4165-62-2	Phenol-d5	14		10-48
1718-51-0	Terphenyl-d14	86		50-122
118-79-6	2,4,6-Tribromophenol	74		46-122
367-12-4	2-Fluorophenol	26		10-65
321-60-8	2-Fluorobiphenyl	83		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16299.d
 Report Date: 07-Jul-2011 15:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16299.d
 Lab Smp Id: 460-28327-F-2-A Client Smp ID: SP-3-WATER
 Inj Date : 06-JUL-2011 14:44
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-28327-F-2-A
 Misc Info : 460-28327-F-2-A
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
 Meth Date : 07-Jul-2011 10:07 monica Quant Type: ISTD
 Cal Date : 29-JUN-2011 05:17 Cal File: x16109.d
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-h20.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	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	1.488	1.470 (0.366)	5428	0.63796	1.3(a)		
\$ 16 2-Fluorophenol (SUR)	112	2.817	2.805 (0.692)	238507	12.9891	26		
\$ 17 Phenol-d5 (SUR)	99	3.735	3.746 (0.918)	173082	6.92792	14		
* 79 1,4-Dichlorobenzene-d4	152	4.070	4.076 (1.000)	542151	40.0000			
\$ 76 Nitrobenzene-d5 (SUR)	82	4.635	4.646 (0.865)	738836	39.3797	79		
* 80 Naphthalene-d8	136	5.358	5.364 (1.000)	1911126	40.0000			
\$ 77 2-Fluorobiphenyl (SUR)	172	6.452	6.458 (0.907)	1175266	41.5035	83		
* 82 Acenaphthene-d10	164	7.117	7.117 (1.000)	889469	40.0000			
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.899	7.899 (1.110)	148633	36.9185	74		
* 83 Phenanthrene-d10	188	8.582	8.576 (1.000)	1126584	40.0000			
\$ 78 Terphenyl-d14	244	10.158	10.146 (0.899)	831406	42.8114	86		
* 81 Chrysene-d12	240	11.293	11.281 (1.000)	740911	40.0000			
* 84 Perylene-d12	264	13.152	13.128 (1.000)	548354	40.0000			

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16299.d
Report Date: 07-Jul-2011 15:26

QC Flag Legend

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

Data File: x16299.d

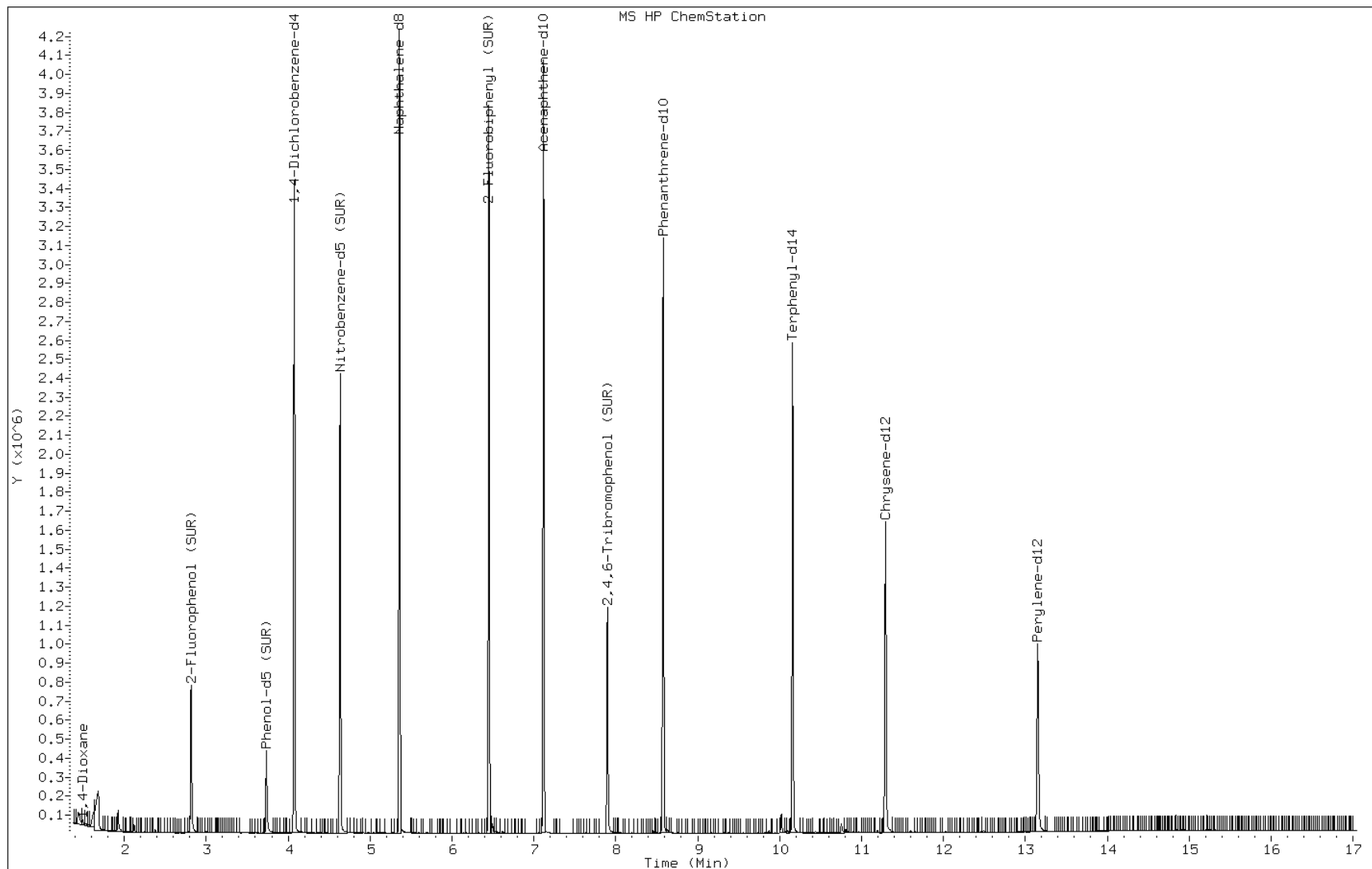
Date: 06-JUL-2011 14:44

Client ID: SP-3-WATER

Instrument: BNAMS5.i

Sample Info: 460-28327-F-2-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-2-WATER</u>	Lab Sample ID: <u>460-28327-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16300.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 14:15</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000(mL)</u>	Date Analyzed: <u>07/06/2011 15:08</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.89
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
87-86-5	Pentachlorophenol	30	U	30	5.1
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	4.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.52
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-2-WATER Lab Sample ID: 460-28327-3

Matrix: Water Lab File ID: x16300.d

Analysis Method: 8270C Date Collected: 06/30/2011 14:15

Extract. Method: 3510C Date Extracted: 07/04/2011 07:45

Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 15:08

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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-2-WATER Lab Sample ID: 460-28327-3
Matrix: Water Lab File ID: x16300.d
Analysis Method: 8270C Date Collected: 06/30/2011 14:15
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 15:08
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		56-112
4165-62-2	Phenol-d5	16		10-48
1718-51-0	Terphenyl-d14	86		50-122
118-79-6	2,4,6-Tribromophenol	77		46-122
367-12-4	2-Fluorophenol	29		10-65
321-60-8	2-Fluorobiphenyl	86		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16300.d
 Report Date: 07-Jul-2011 15:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16300.d
 Lab Smp Id: 460-28327-E-3-A Client Smp ID: SP-2-WATER
 Inj Date : 06-JUL-2011 15:08
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-28327-E-3-A
 Misc Info : 460-28327-E-3-A
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
 Meth Date : 07-Jul-2011 10:07 monica Quant Type: ISTD
 Cal Date : 29-JUN-2011 05:17 Cal File: x16109.d
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-h20.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		2.817	2.805 (0.692)		287529	14.2805	28
\$ 17 Phenol-d5 (SUR)	99		3.735	3.746 (0.918)		213949	7.86913	16
* 79 1,4-Dichlorobenzene-d4	152		4.070	4.076 (1.000)		594475	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82		4.635	4.646 (0.865)		871713	42.1062	84
* 80 Naphthalene-d8	136		5.358	5.364 (1.000)		2108831	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172		6.458	6.458 (0.907)		1349860	42.8678	86
* 82 Acenaphthene-d10	164		7.117	7.117 (1.000)		991578	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.899	7.899 (1.110)		171779	38.2739	76
* 83 Phenanthrene-d10	188		8.582	8.576 (1.000)		1284884	40.0000	
\$ 78 Terphenyl-d14	244		10.158	10.146 (0.899)		921640	43.0591	86
* 81 Chrysene-d12	240		11.293	11.281 (1.000)		816597	40.0000	
* 84 Perylene-d12	264		13.152	13.128 (1.000)		591067	40.0000	

Data File: x16300.d

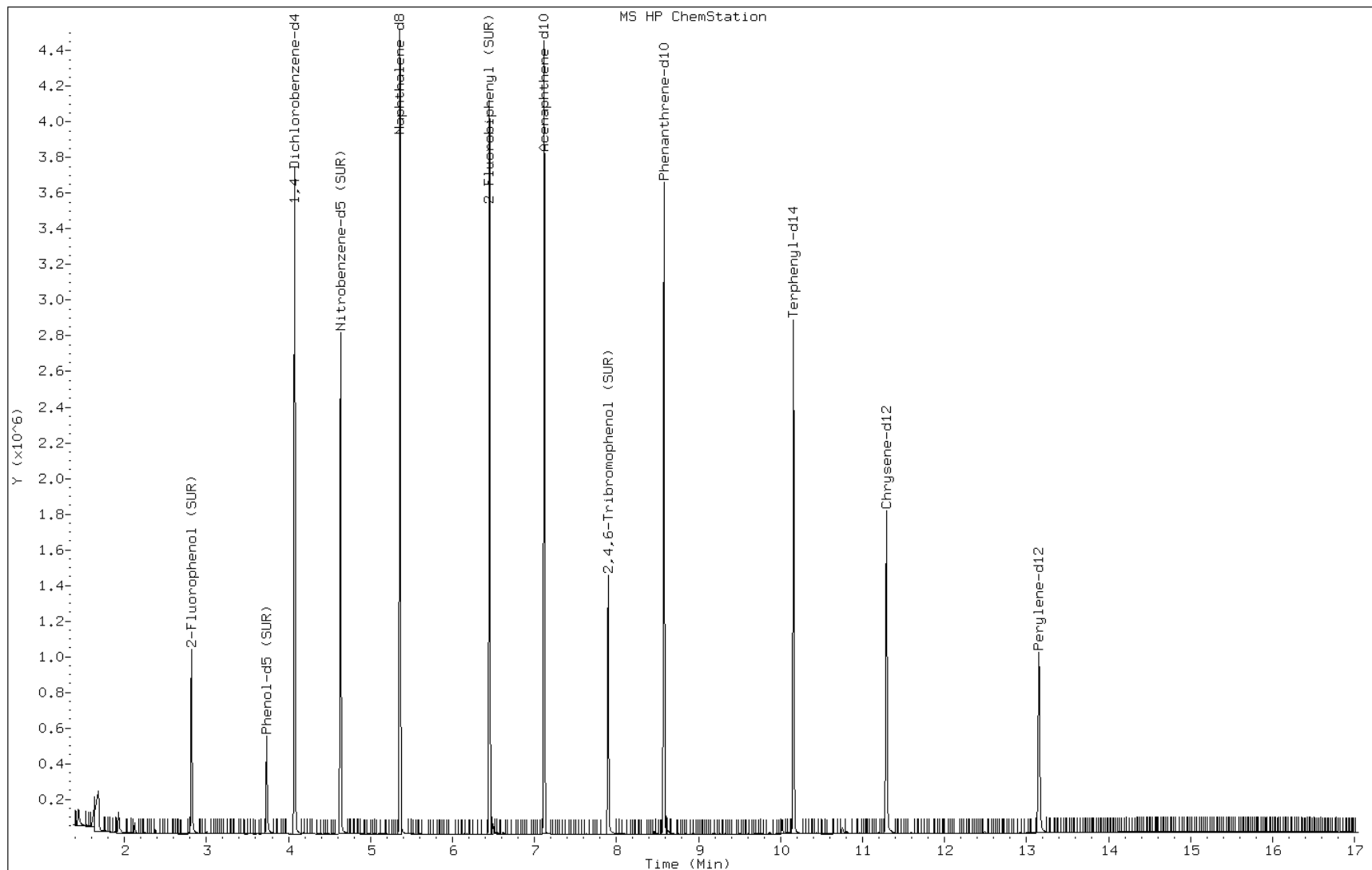
Date: 06-JUL-2011 15:08

Client ID: SP-2-WATER

Instrument: BNAMS5.i

Sample Info: 460-28327-E-3-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-1-WATER</u>	Lab Sample ID: <u>460-28327-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16301.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 13:15</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>07/06/2011 15:32</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.89
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
87-86-5	Pentachlorophenol	30	U	30	5.1
111-44-4	Bis(2-chloroethyl) ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	4.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy) methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.52
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-1-WATER Lab Sample ID: 460-28327-4

Matrix: Water Lab File ID: x16301.d

Analysis Method: 8270C Date Collected: 06/30/2011 13:15

Extract. Method: 3510C Date Extracted: 07/04/2011 07:45

Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 15:32

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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-1-WATER Lab Sample ID: 460-28327-4
Matrix: Water Lab File ID: x16301.d
Analysis Method: 8270C Date Collected: 06/30/2011 13:15
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 15:32
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		56-112
4165-62-2	Phenol-d5	15		10-48
1718-51-0	Terphenyl-d14	91		50-122
118-79-6	2,4,6-Tribromophenol	76		46-122
367-12-4	2-Fluorophenol	27		10-65
321-60-8	2-Fluorobiphenyl	87		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16301.d
 Report Date: 07-Jul-2011 15:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16301.d
 Lab Smp Id: 460-28327-E-4-A Client Smp ID: SP-1-WATER
 Inj Date : 06-JUL-2011 15:32
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-28327-E-4-A
 Misc Info : 460-28327-E-4-A
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
 Meth Date : 07-Jul-2011 10:07 monica Quant Type: ISTD
 Cal Date : 29-JUN-2011 05:17 Cal File: x16109.d
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-h20.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	2.817	2.805	(0.692)		238425	13.2682	26
\$ 17 Phenol-d5 (SUR)	99	3.735	3.746	(0.918)		177455	7.27868	14
* 79 1,4-Dichlorobenzene-d4	152	4.070	4.076	(1.000)		530563	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.635	4.646	(0.865)		736833	40.9011	82
* 80 Naphthalene-d8	136	5.358	5.364	(1.000)		1835052	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.452	6.458	(0.907)		1170478	43.2742	86
* 82 Acenaphthene-d10	164	7.117	7.117	(1.000)		852367	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.899	7.899	(1.110)		146677	38.0185	76
* 83 Phenanthrene-d10	188	8.582	8.576	(1.000)		1058259	40.0000	
\$ 78 Terphenyl-d14	244	10.158	10.146	(0.899)		801865	45.5864	91
* 81 Chrysene-d12	240	11.293	11.281	(1.000)		671085	40.0000	
* 84 Perylene-d12	264	13.152	13.128	(1.000)		497708	40.0000	

Data File: x16301.d

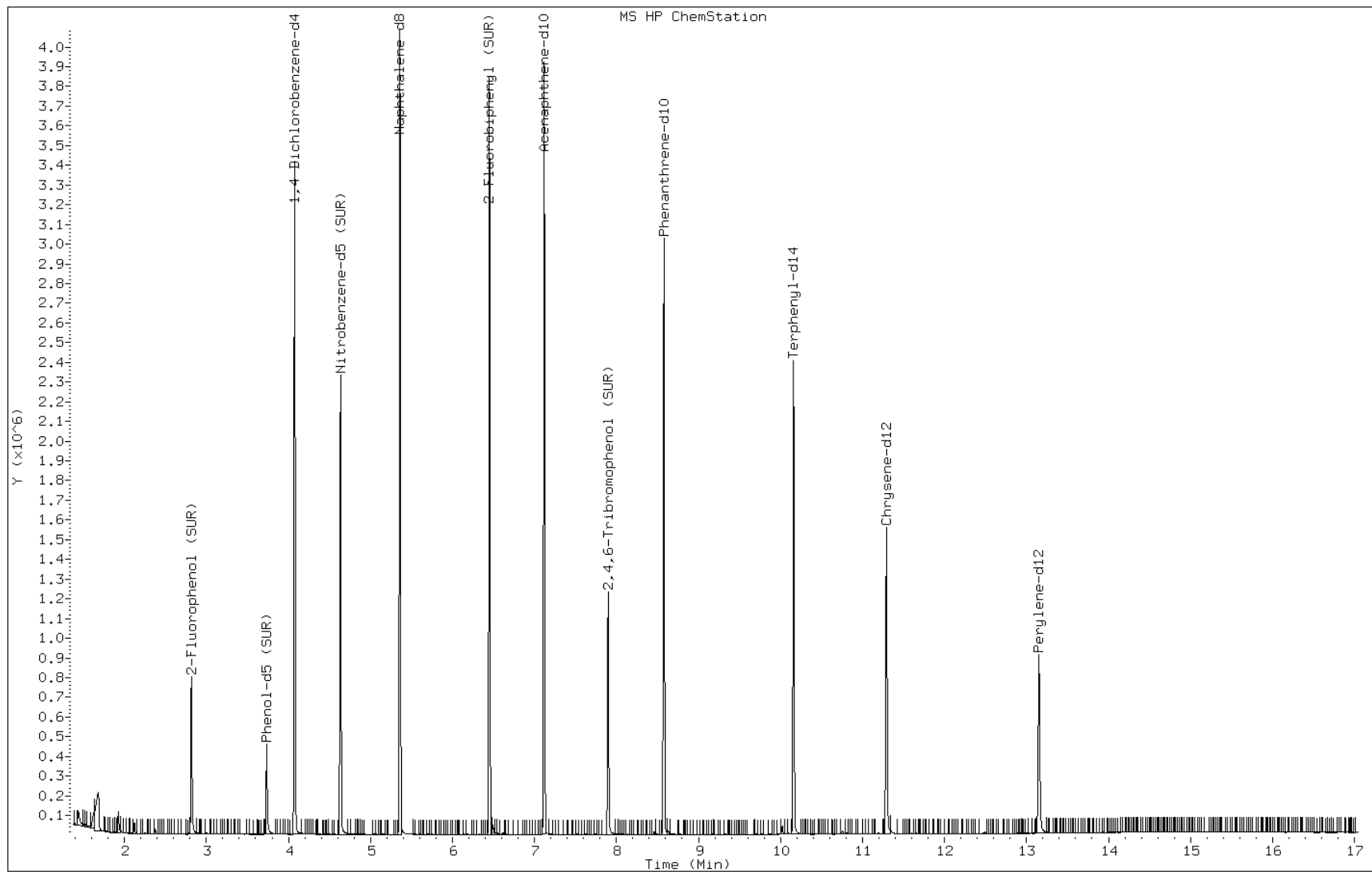
Date: 06-JUL-2011 15:32

Client ID: SP-1-WATER

Instrument: BNAMS5.i

Sample Info: 460-28327-E-4-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>DUPE-WATER</u>	Lab Sample ID: <u>460-28327-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16302.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 00:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>07/06/2011 15:56</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.89
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
87-86-5	Pentachlorophenol	30	U	30	5.1
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	4.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.52
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: DUPE-WATER Lab Sample ID: 460-28327-5

Matrix: Water Lab File ID: x16302.d

Analysis Method: 8270C Date Collected: 06/30/2011 00:00

Extract. Method: 3510C Date Extracted: 07/04/2011 07:45

Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 15:56

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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: DUPE-WATER Lab Sample ID: 460-28327-5
Matrix: Water Lab File ID: x16302.d
Analysis Method: 8270C Date Collected: 06/30/2011 00:00
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 15:56
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		56-112
4165-62-2	Phenol-d5	15		10-48
1718-51-0	Terphenyl-d14	87		50-122
118-79-6	2,4,6-Tribromophenol	79		46-122
367-12-4	2-Fluorophenol	28		10-65
321-60-8	2-Fluorobiphenyl	89		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16302.d
Report Date: 07-Jul-2011 15:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16302.d
Lab Smp Id: 460-28327-E-5-A Client Smp ID: DUPE-WATER
Inj Date : 06-JUL-2011 15:56
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-28327-E-5-A
Misc Info : 460-28327-E-5-A
Comment :
Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
Meth Date : 07-Jul-2011 10:07 monica Quant Type: ISTD
Cal Date : 29-JUN-2011 05:17 Cal File: x16109.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.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	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)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.494	1.470	(0.367)	5634	0.62538	1.2(aH)
\$ 16 2-Fluorophenol (SUR)	112	2.817	2.805	(0.692)	273321	14.0580	28
\$ 17 Phenol-d5 (SUR)	99	3.735	3.746	(0.918)	197008	7.48074	15
* 79 1,4-Dichlorobenzene-d4	152	4.070	4.076	(1.000)	574044	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.635	4.646	(0.865)	832947	41.9130	84
* 80 Naphthalene-d8	136	5.358	5.364	(1.000)	2024336	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.452	6.458	(0.907)	1323327	44.2646	88
* 82 Acenaphthene-d10	164	7.117	7.117	(1.000)	943818	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.899	7.899	(1.110)	168240	39.3822	79
* 83 Phenanthrene-d10	188	8.582	8.576	(1.000)	1195922	40.0000	
\$ 78 Terphenyl-d14	244	10.158	10.146	(0.899)	886726	43.7127	87
* 81 Chrysene-d12	240	11.293	11.281	(1.000)	773915	40.0000	
* 84 Perylene-d12	264	13.152	13.128	(1.000)	564874	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16302.d
Report Date: 07-Jul-2011 15:26

QC Flag Legend

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

Data File: x16302.d

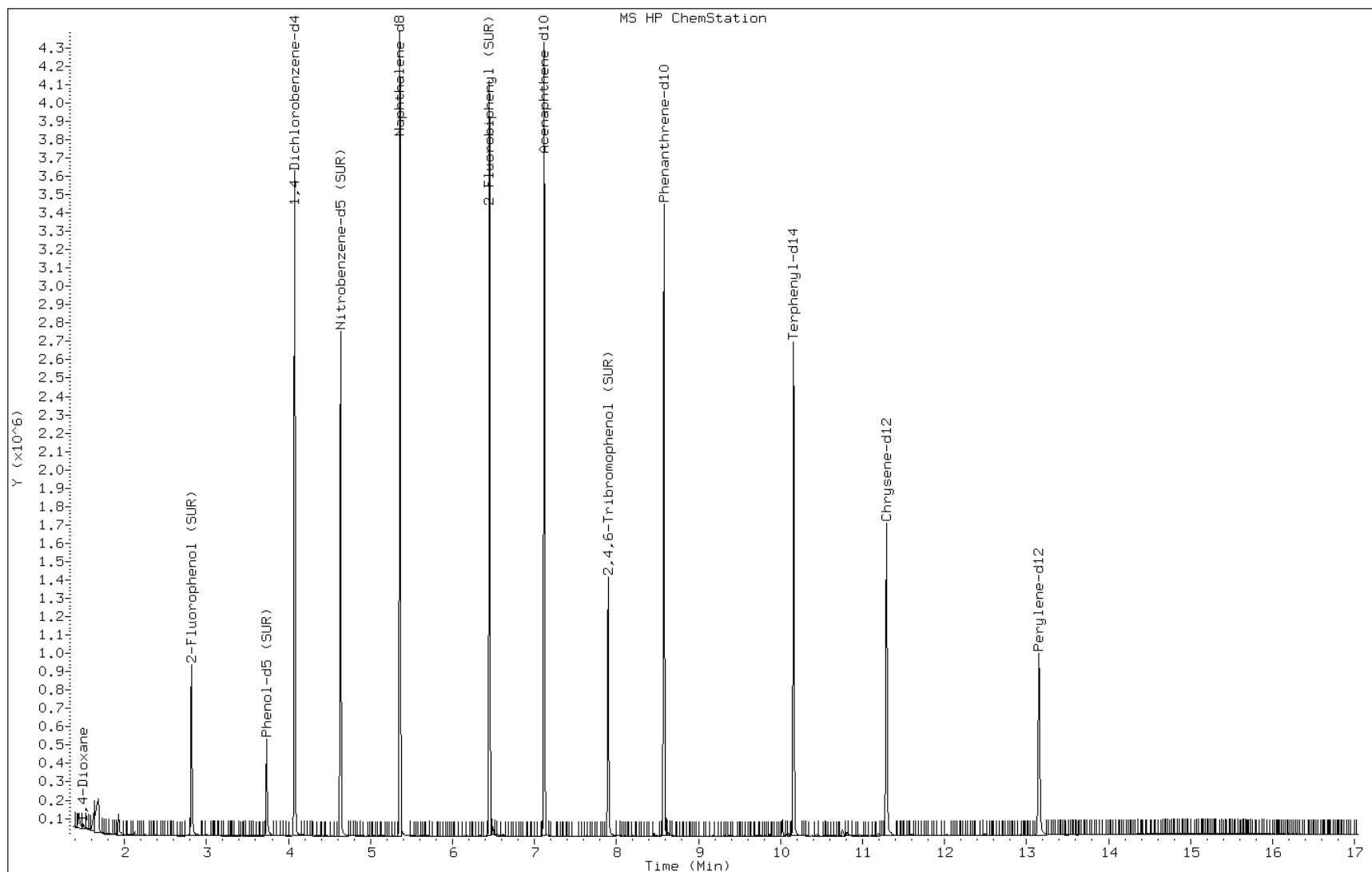
Date: 06-JUL-2011 15:56

Client ID: DUPE-WATER

Instrument: BNAMS5.i

Sample Info: 460-28327-E-5-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-4-SOLID</u>	Lab Sample ID: <u>460-28327-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18196.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 11:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>07/05/2011 20:57</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>48.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	640	U	640	79
95-57-8	2-Chlorophenol	640	U	640	86
95-48-7	2-Methylphenol	640	U	640	93
106-44-5	4-Methylphenol	640	U	640	110
88-75-5	2-Nitrophenol	640	U	640	110
105-67-9	2,4-Dimethylphenol	640	U	640	100
120-83-2	2,4-Dichlorophenol	640	U	640	100
59-50-7	4-Chloro-3-methylphenol	640	U	640	110
88-06-2	2,4,6-Trichlorophenol	640	U	640	120
95-95-4	2,4,5-Trichlorophenol	640	U	640	120
51-28-5	2,4-Dinitrophenol	1900	U	1900	140
100-02-7	4-Nitrophenol	1900	U	1900	170
534-52-1	4,6-Dinitro-2-methylphenol	1900	U	1900	310
87-86-5	Pentachlorophenol	1900	U	1900	310
111-44-4	Bis(2-chloroethyl)ether	64	U	64	13
541-73-1	1,3-Dichlorobenzene	640	U	640	88
106-46-7	1,4-Dichlorobenzene	640	U	640	96
95-50-1	1,2-Dichlorobenzene	640	U	640	100
621-64-7	N-Nitrosodi-n-propylamine	64	U	64	8.5
67-72-1	Hexachloroethane	64	U	64	11
98-95-3	Nitrobenzene	64	U	64	14
78-59-1	Isophorone	640	U	640	74
111-91-1	Bis(2-chloroethoxy)methane	640	U	640	92
120-82-1	1,2,4-Trichlorobenzene	64	U	64	11
91-20-3	Naphthalene	640	U	640	94
106-47-8	4-Chloroaniline	640	U	640	81
87-68-3	Hexachlorobutadiene	130	U	130	26
91-57-6	2-Methylnaphthalene	640	U	640	94
77-47-4	Hexachlorocyclopentadiene	640	U	640	190
91-58-7	2-Chloronaphthalene	640	U	640	91
88-74-4	2-Nitroaniline	1300	U	1300	180
131-11-3	Dimethyl phthalate	640	U	640	87
208-96-8	Acenaphthylene	640	U	640	92
606-20-2	2,6-Dinitrotoluene	130	U	130	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: SP-4-SOLID Lab Sample ID: 460-28327-6

Matrix: Solid Lab File ID: z18196.d

Analysis Method: 8270C Date Collected: 06/30/2011 11:00

Extract. Method: 3541 Date Extracted: 07/04/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2011 20:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 48.6 GPC Cleanup: (Y/N) N

Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	1300	U	1300	150
83-32-9	Acenaphthene	640	U	640	92
132-64-9	Dibenzofuran	640	U	640	97
121-14-2	2,4-Dinitrotoluene	130	U	130	19
84-66-2	Diethyl phthalate	640	U	640	86
7005-72-3	4-Chlorophenyl phenyl ether	640	U	640	110
86-73-7	Fluorene	640	U	640	110
100-01-6	4-Nitroaniline	1300	U	1300	130
86-30-6	N-Nitrosodiphenylamine	640	U	640	100
101-55-3	4-Bromophenyl phenyl ether	640	U	640	110
118-74-1	Hexachlorobenzene	64	U	64	8.9
85-01-8	Phenanthrene	440	J	640	110
120-12-7	Anthracene	640	U	640	110
86-74-8	Carbazole	640	U	640	100
84-74-2	Di-n-butyl phthalate	640	U	640	98
206-44-0	Fluoranthene	840		640	110
129-00-0	Pyrene	750		640	110
85-68-7	Butyl benzyl phthalate	640	U	640	75
91-94-1	3,3'-Dichlorobenzidine	1300	U	1300	140
56-55-3	Benzo[a]anthracene	420		64	12
218-01-9	Chrysene	490	J	640	94
117-81-7	Bis(2-ethylhexyl) phthalate	640	U	640	85
117-84-0	Di-n-octyl phthalate	640	U	640	76
205-99-2	Benzo[b]fluoranthene	620		64	9.6
207-08-9	Benzo[k]fluoranthene	220		64	9.0
50-32-8	Benzo[a]pyrene	510		64	7.9
193-39-5	Indeno[1,2,3-cd]pyrene	470		64	10
53-70-3	Dibenz(a,h)anthracene	68		64	7.7
191-24-2	Benzo[g,h,i]perylene	430	J	640	68
108-60-1	bis (2-chloroisopropyl) ether	640	U	640	84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-4-SOLID Lab Sample ID: 460-28327-6
Matrix: Solid Lab File ID: z18196.d
Analysis Method: 8270C Date Collected: 06/30/2011 11:00
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2011 20:57
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 48.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	71		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18196.d
 Report Date: 07-Jul-2011 11:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18196.d
 Lab Smp Id: 460-28327-B-6-B Client Smp ID: SP-4-SOLID
 Inj Date : 05-JUL-2011 20:57
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-28327-B-6-B
 Misc Info : 460-28327-B-6-B
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 28
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	48.56688	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)		112	2.317	2.276	(0.661)	1250826	68.7258	8900
\$ 17 Phenol-d5 (SUR)		99	3.182	3.170	(0.908)	1535919	71.0955	9200
* 79 1,4-Dichlorobenzene-d4		152	3.505	3.505	(1.000)	584475	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.076	4.076	(0.848)	729469	35.8390	4600
* 80 Naphthalene-d8		136	4.805	4.805	(1.000)	1951353	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	5.911	5.911	(0.902)	1068273	37.7782	4900
125 1,3-Dimethylnaphthalene		156	6.229	6.229	(0.951)	2802	0.13845	18(a)
39 Acenaphthylene		152	6.411	6.411	(0.978)	4176	0.11652	15(a)
* 82 Acenaphthene-d10		164	6.552	6.558	(1.000)	808845	40.0000	
42 Acenaphthene		154	6.581	6.587	(1.004)	6708	0.31142	40(a)
43 Dibenzofuran		168	6.758	6.758	(1.031)	3584	0.12130	16(a)
47 Fluorene		166	7.087	7.087	(1.082)	8263	0.35317	46(a)
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.328	7.329	(1.118)	176380	64.9239	8400

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18196.d
 Report Date: 07-Jul-2011 11:15

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	889329	40.0000	
52 Phenanthrene	178	8.023	8.017	(1.003)	83945	3.37776	440(a)
115 n-Octadecane	57	7.964	7.964	(0.996)	2527	0.14424	19(a)
53 Anthracene	178	8.070	8.070	(1.009)	17896	0.71782	93(a)
54 Carbazole	167	8.240	8.240	(1.030)	7032	0.35574	46(a)
56 Fluoranthene	202	9.181	9.175	(1.148)	132976	6.48588	840
57 Pyrene	202	9.393	9.387	(0.887)	112983	5.81625	750
\$ 78 Terphenyl-d14	244	9.575	9.570	(0.904)	496000	43.0816	5600
61 Benzo(a)anthracene	228	10.581	10.587	(0.999)	42940	3.26054	420
* 81 Chrysene-d12	240	10.593	10.593	(1.000)	483587	40.0000	
62 Chrysene	228	10.617	10.622	(1.002)	45953	3.76855	490(a)
65 Benzo(b)fluoranthene	252	11.805	11.805	(0.962)	55275	4.75986	620
66 Benzo(k)fluoranthene	252	11.834	11.834	(0.965)	20259	1.69039	220(M)
67 Benzo(a)pyrene	252	12.193	12.193	(0.994)	35075	3.89637	500
* 84 Perylene-d12	264	12.269	12.264	(1.000)	411805	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.593	13.593	(1.108)	28000	3.62509	470
69 Dibenzo(a,h)anthracene	278	13.628	13.628	(1.111)	4345	0.52424	68(M)
70 Benzo(g,h,i)perylene	276	13.910	13.911	(1.134)	29060	3.30430	430(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 M - Compound response manually integrated.

Data File: z18196.d

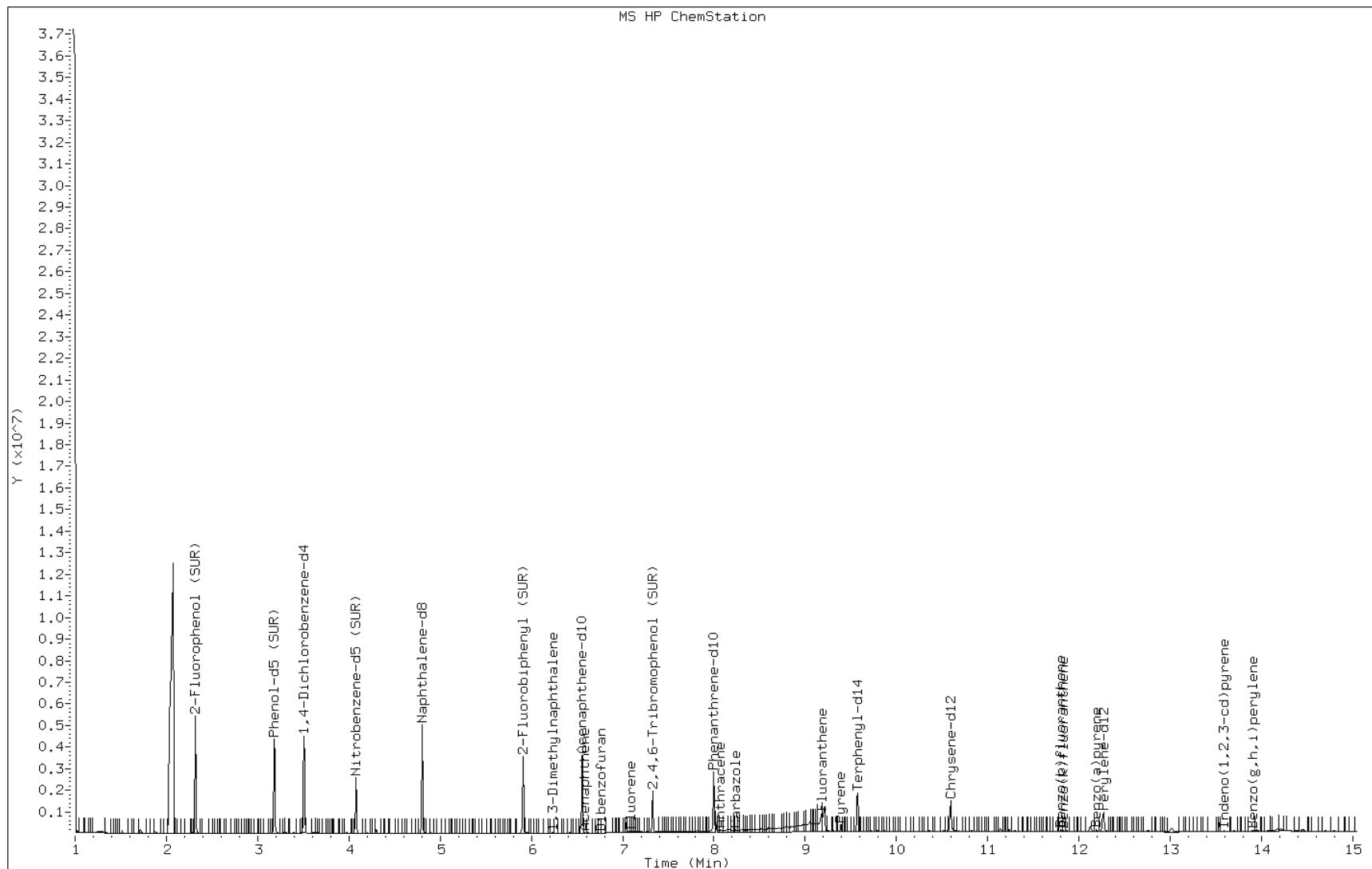
Date: 05-JUL-2011 20:57

Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4



Data File: z18196.d

Date: 05-JUL-2011 20:57

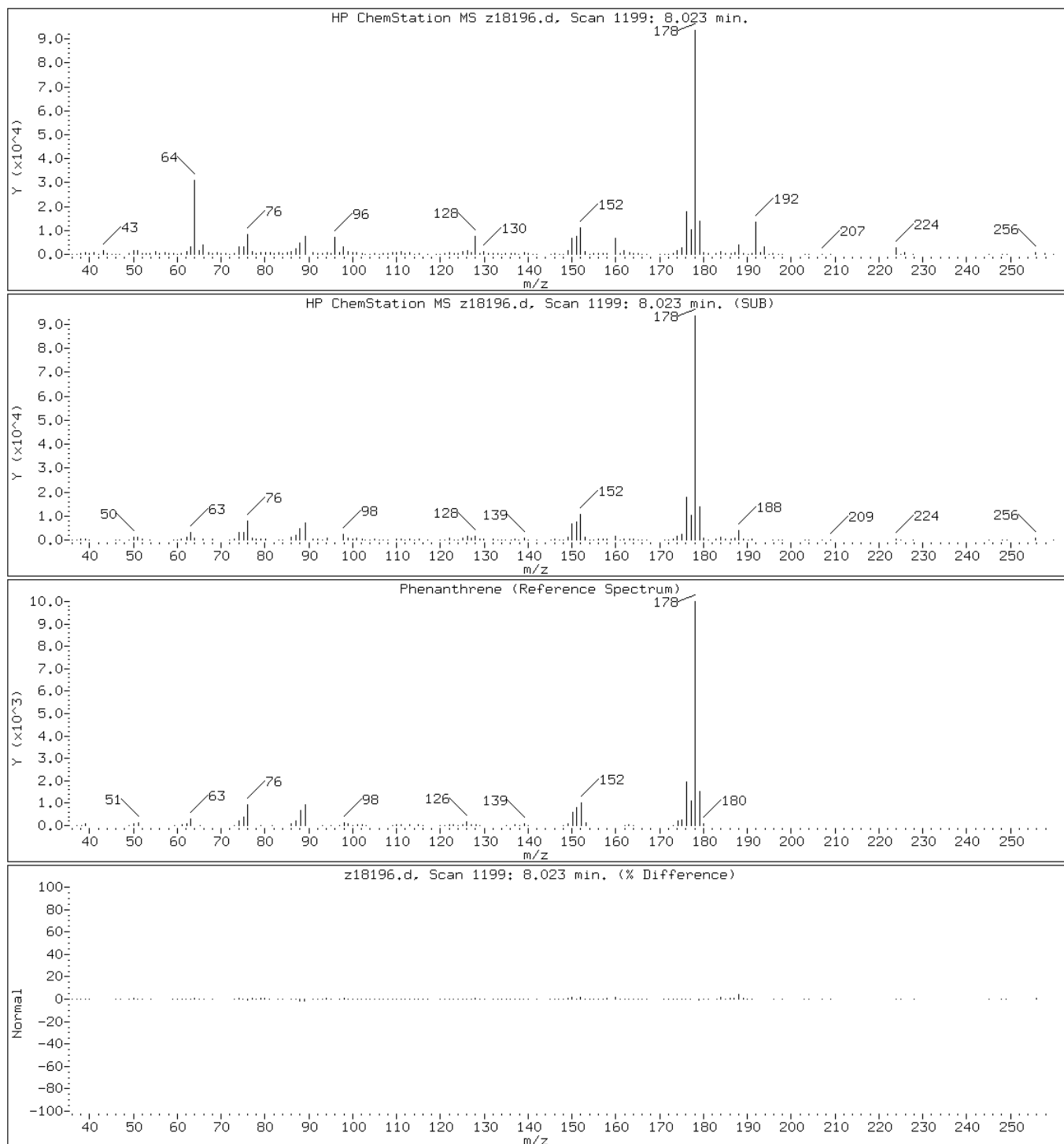
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

52 Phenanthrene



Data File: z18196.d

Date: 05-JUL-2011 20:57

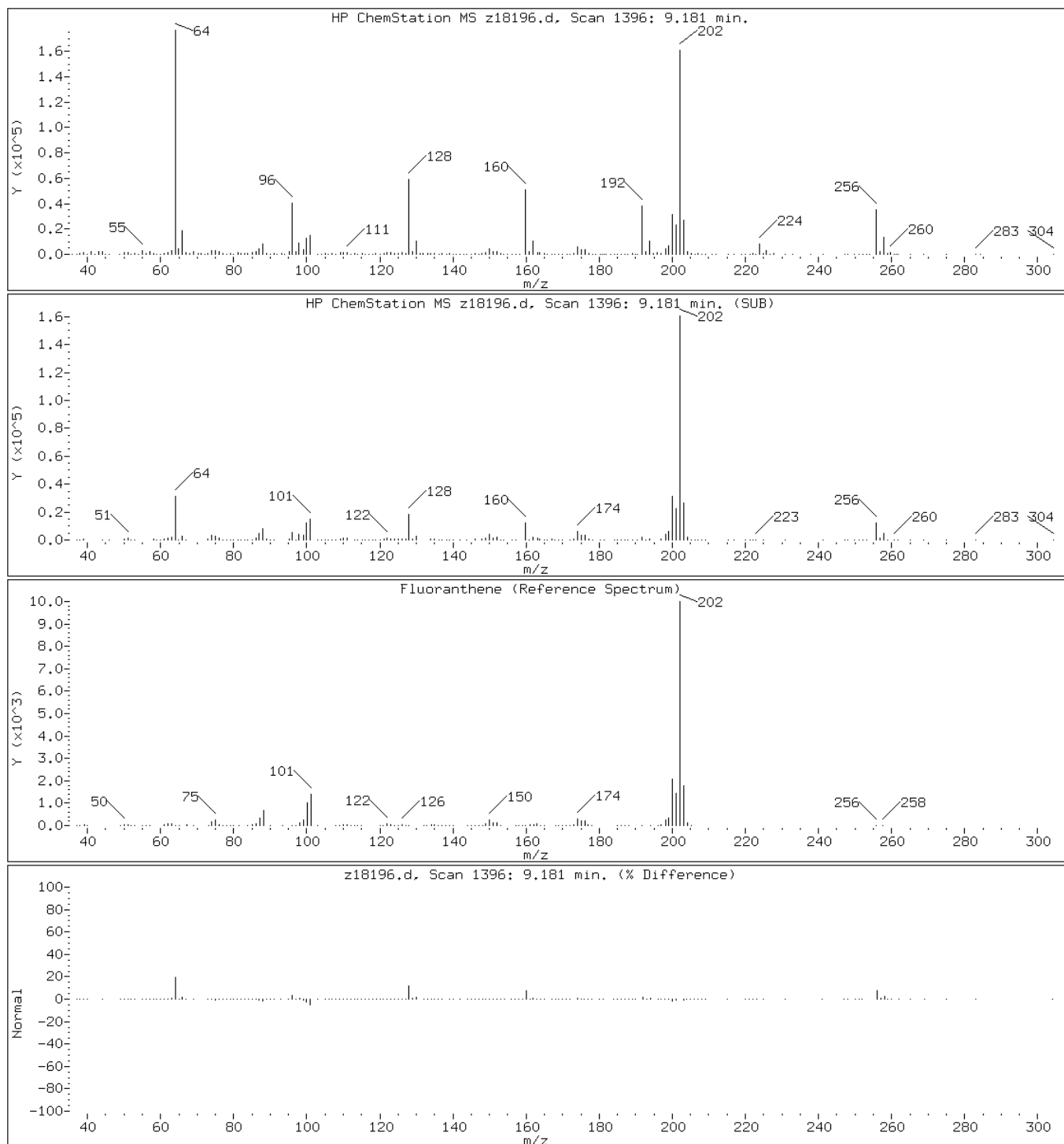
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

56 Fluoranthene



Data File: z18196.d

Date: 05-JUL-2011 20:57

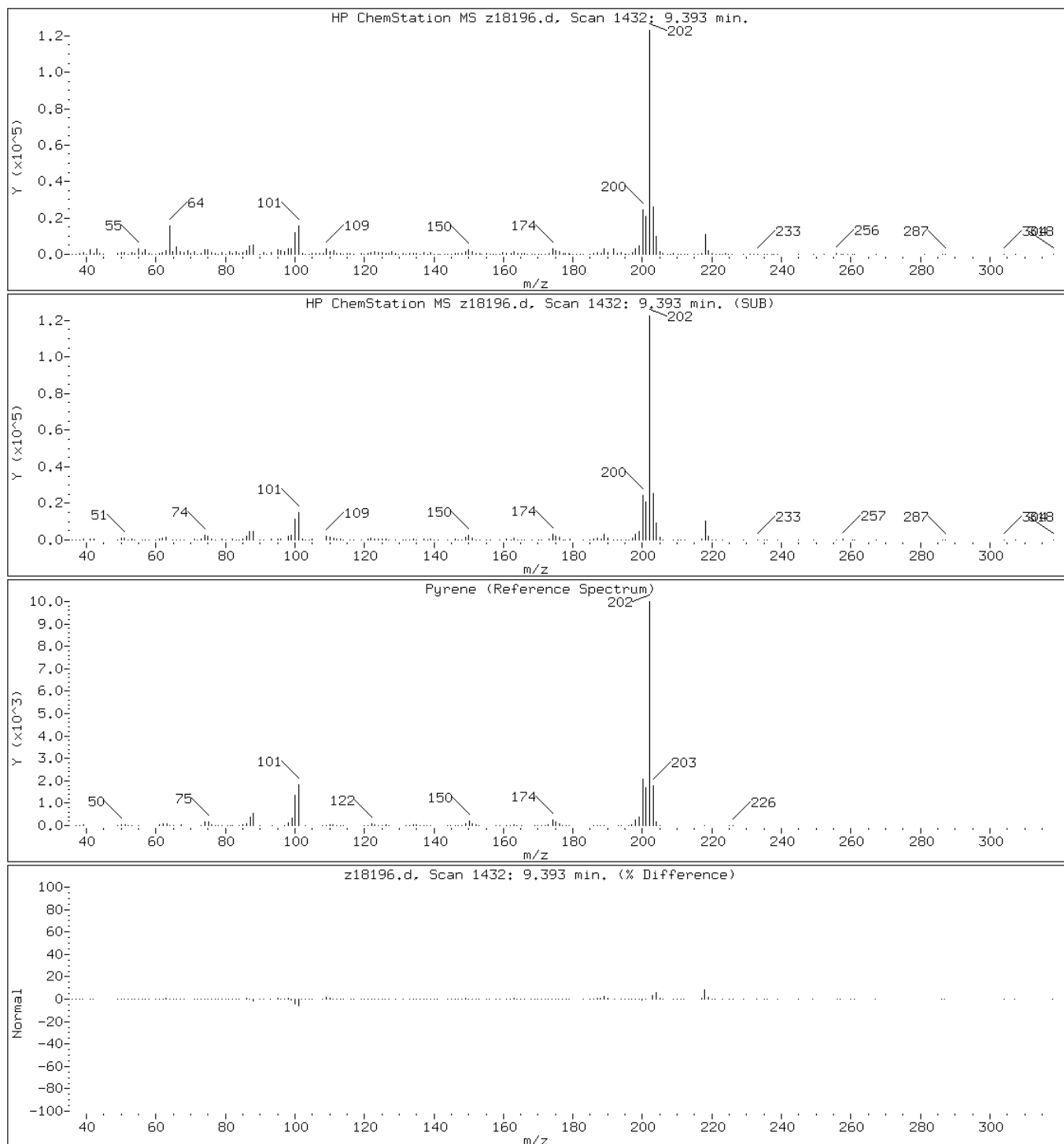
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

57 Pyrene



Data File: z18196.d

Date: 05-JUL-2011 20:57

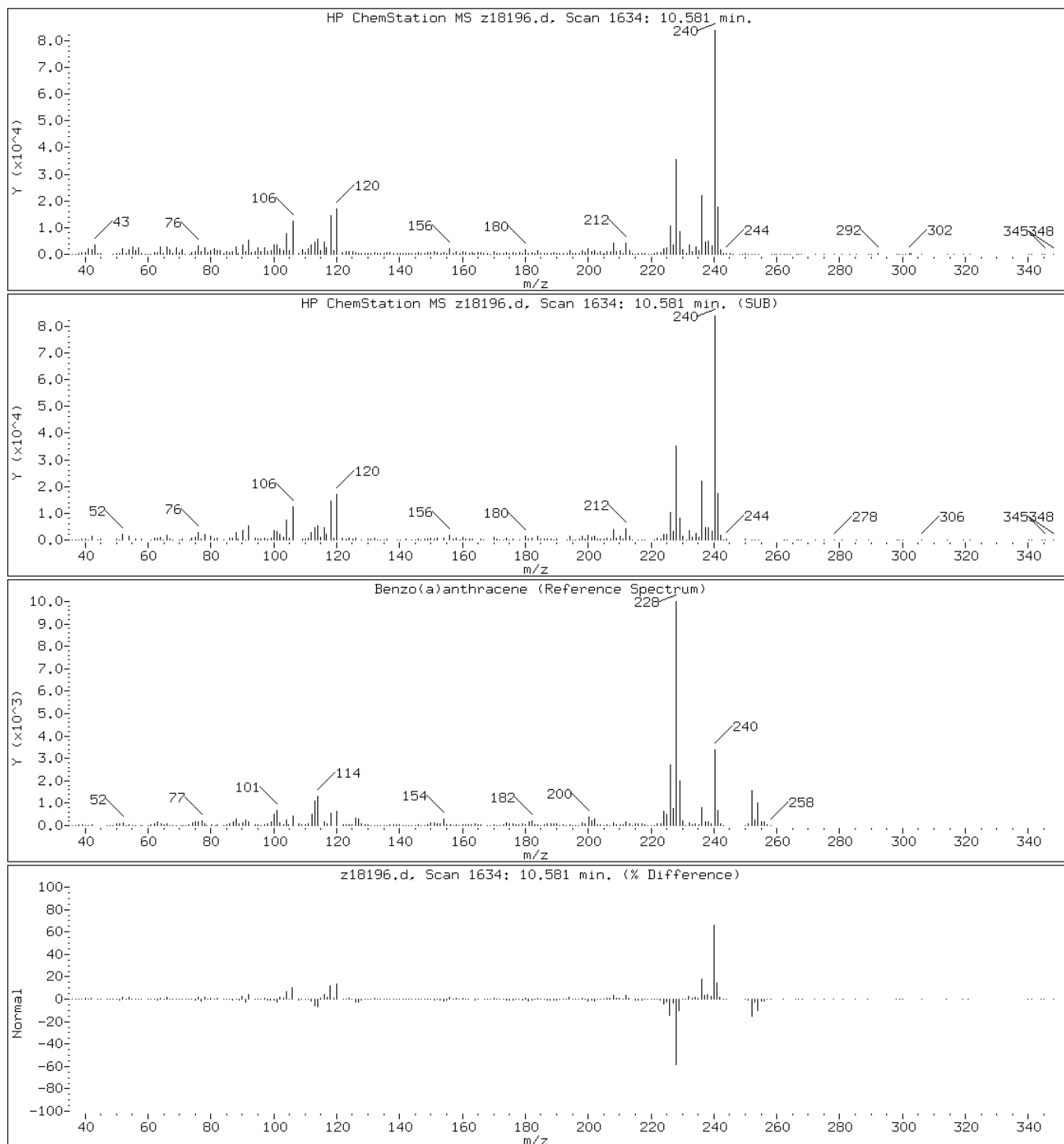
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z18196.d

Date: 05-JUL-2011 20:57

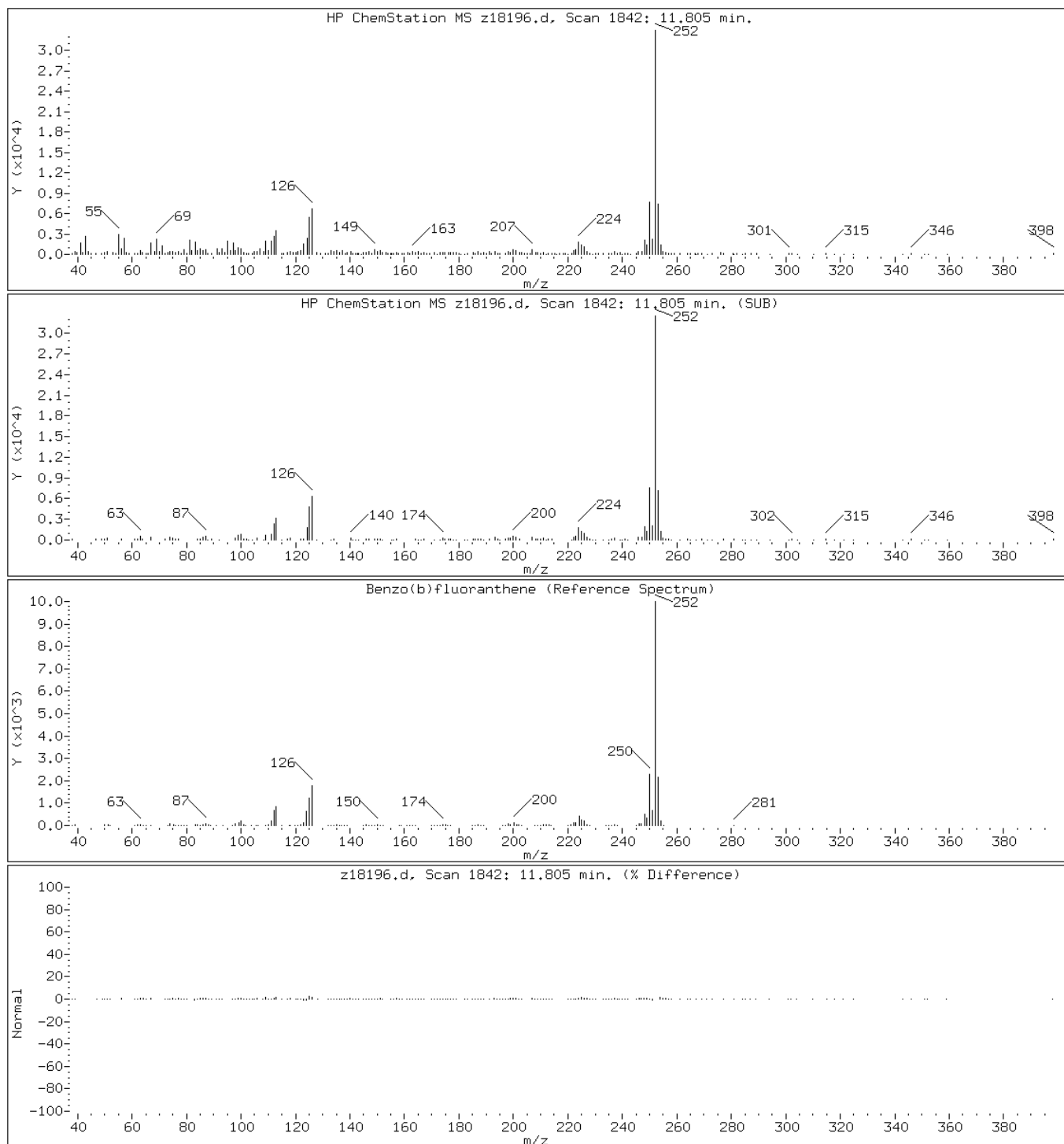
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z18196.d

Date: 05-JUL-2011 20:57

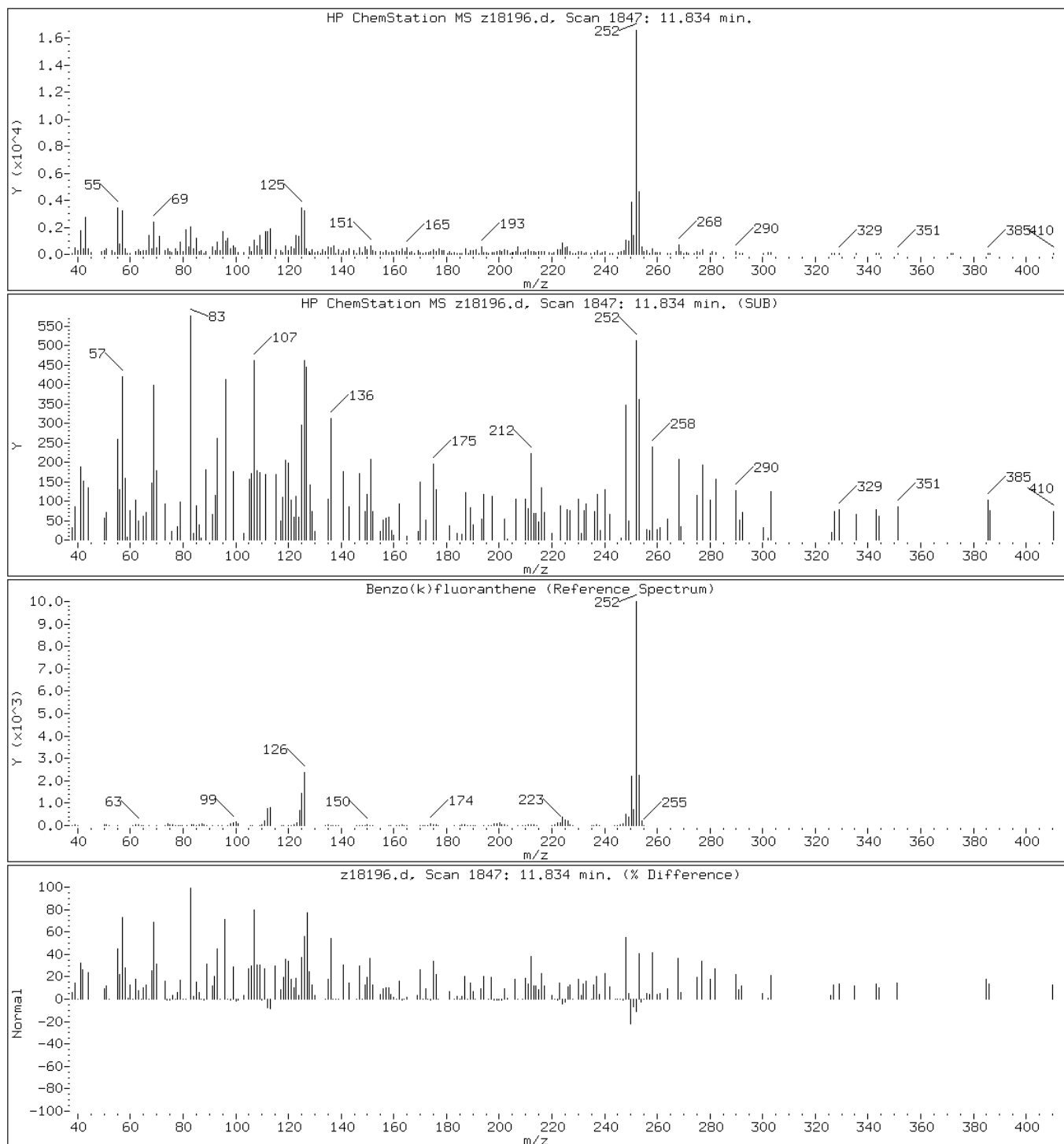
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z18196.d

Date: 05-JUL-2011 20:57

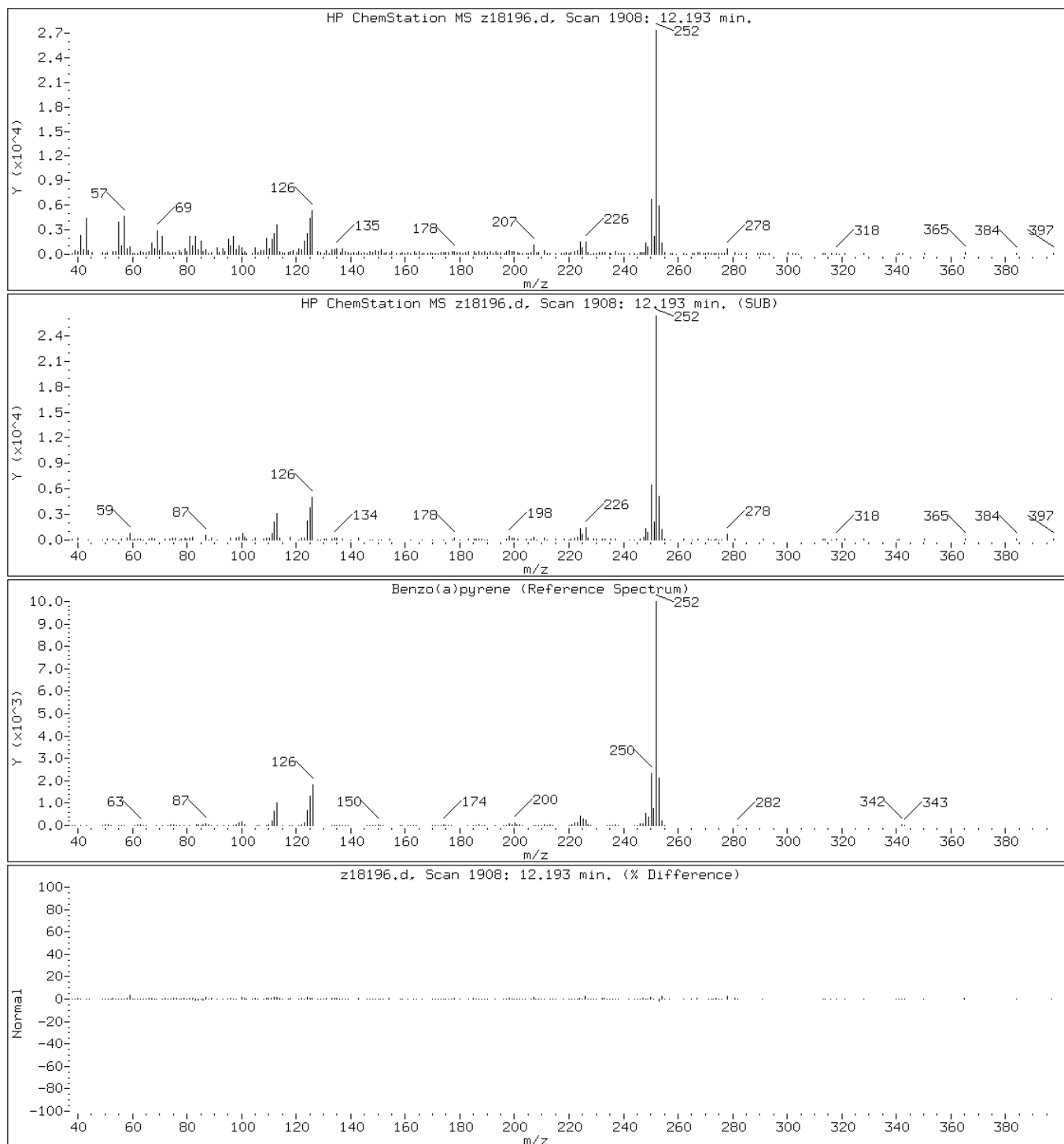
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z18196.d

Date: 05-JUL-2011 20:57

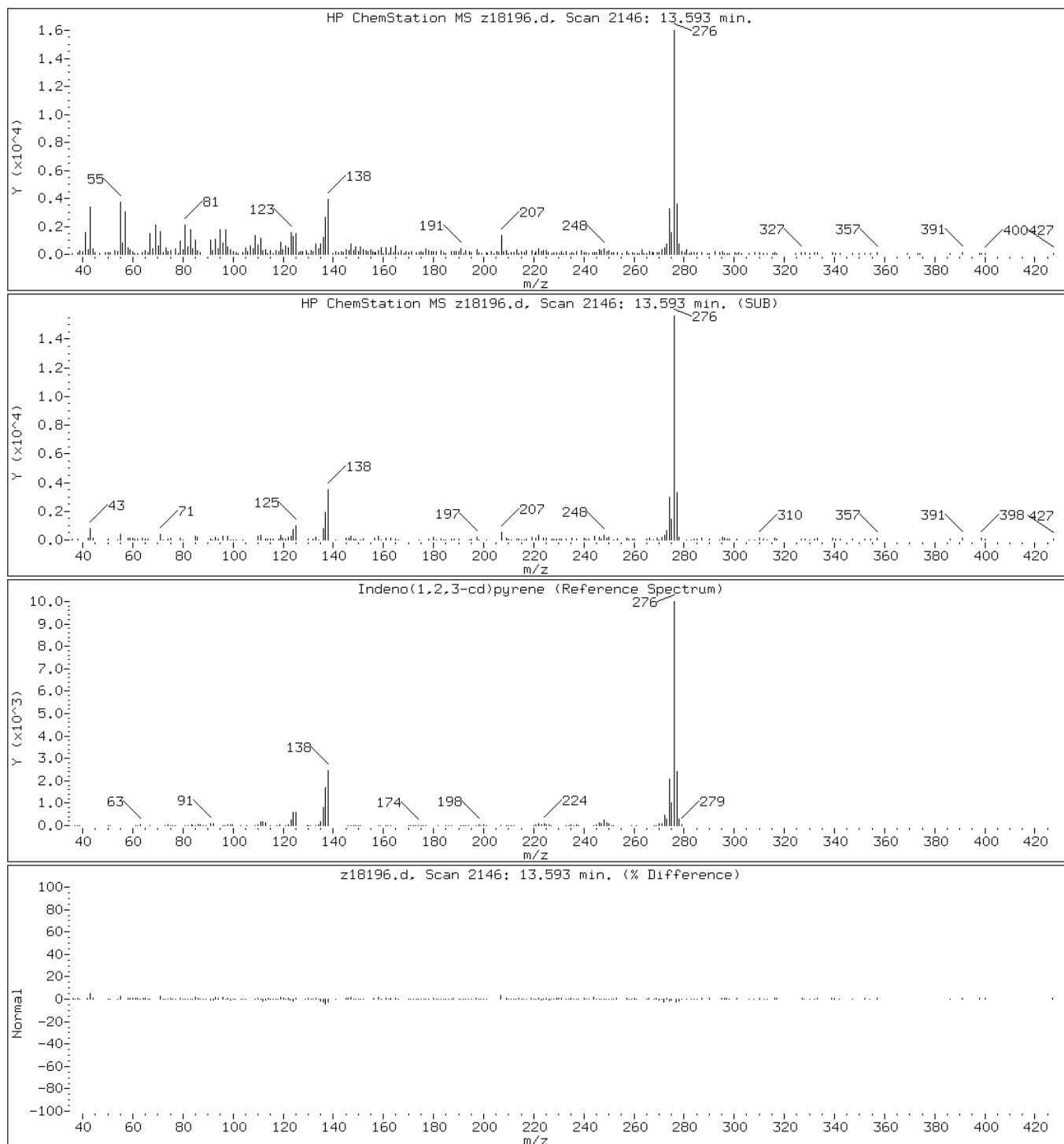
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z18196.d

Date: 05-JUL-2011 20:57

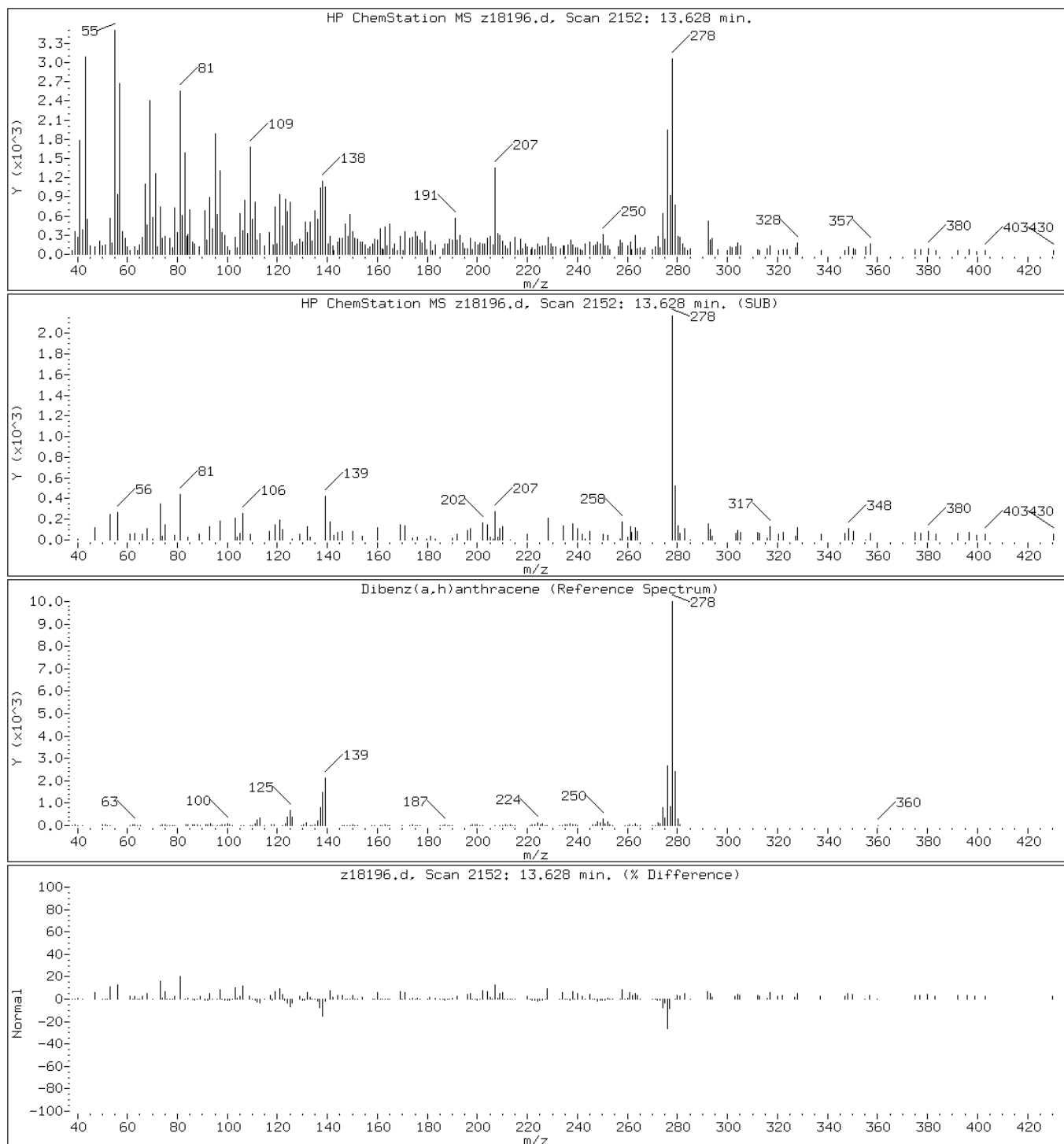
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z18196.d

Date: 05-JUL-2011 20:57

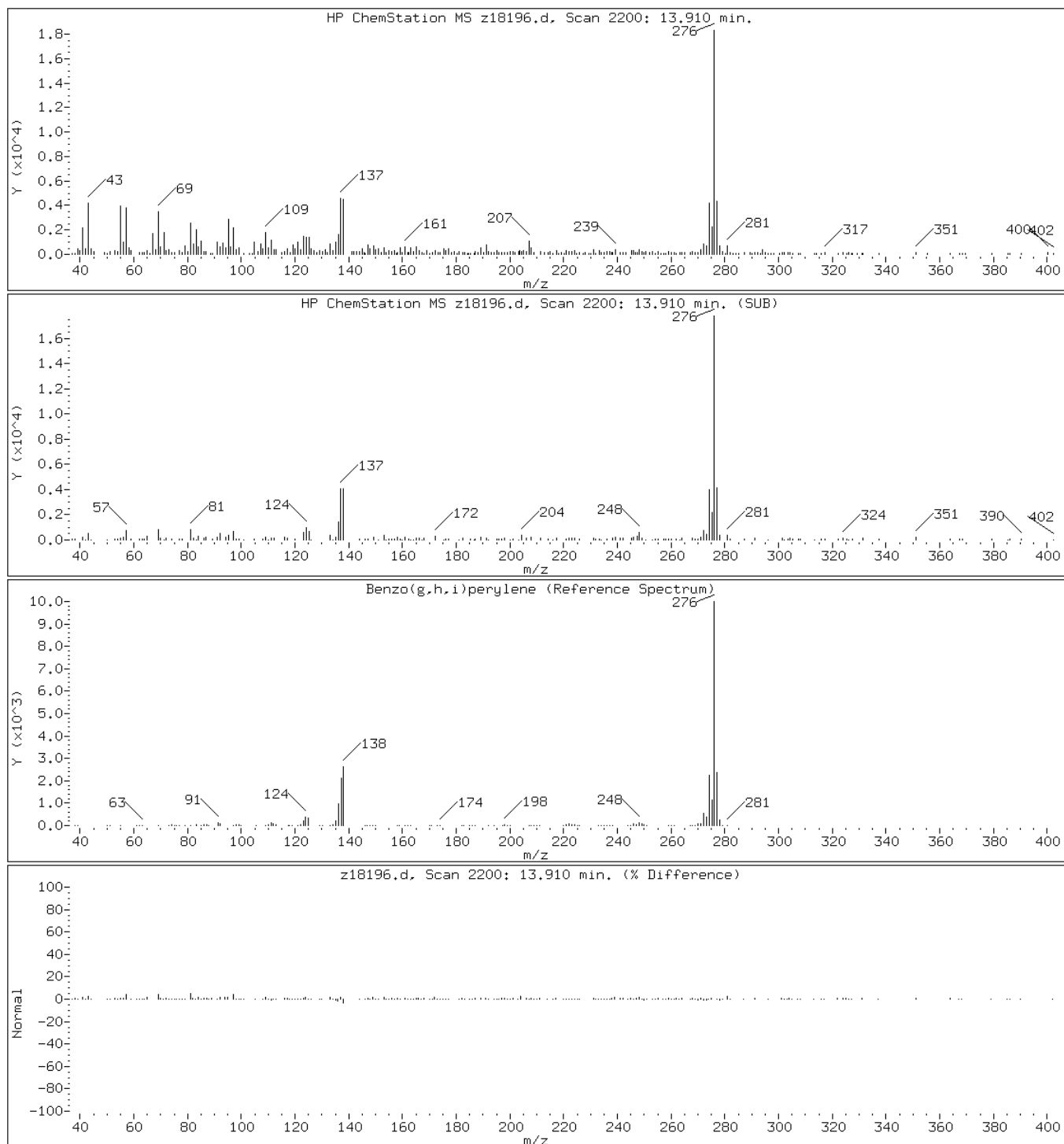
Client ID: SP-4-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-6-B

Operator: BNAMS 4

70 Benzo(g,h,i)perylene

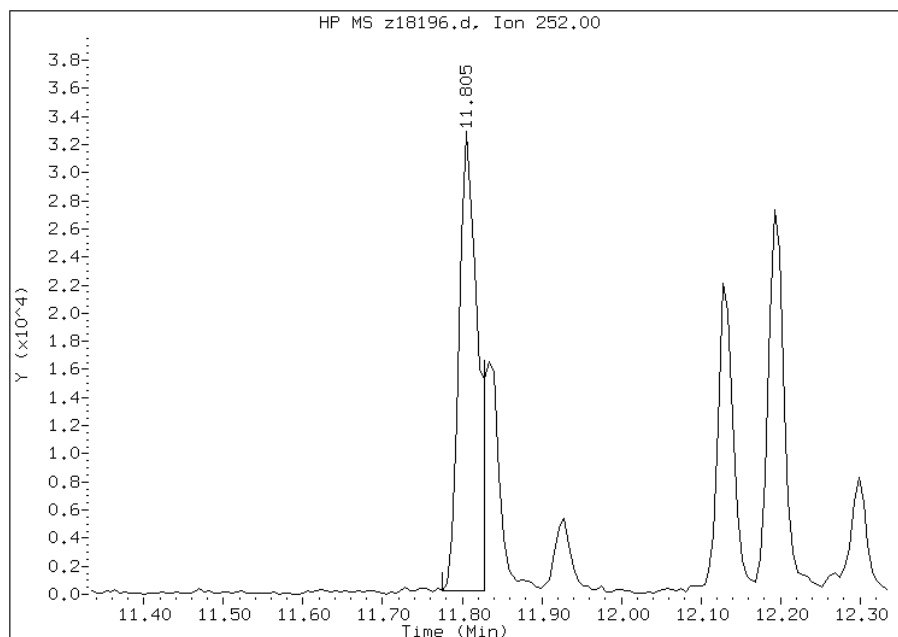


Manual Integration Report

Data File: z18196.d
Inj. Date and Time: 05-JUL-2011 20:57
Instrument ID: BNAMS11.i
Client ID: SP-4-SOLID
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 07/07/2011

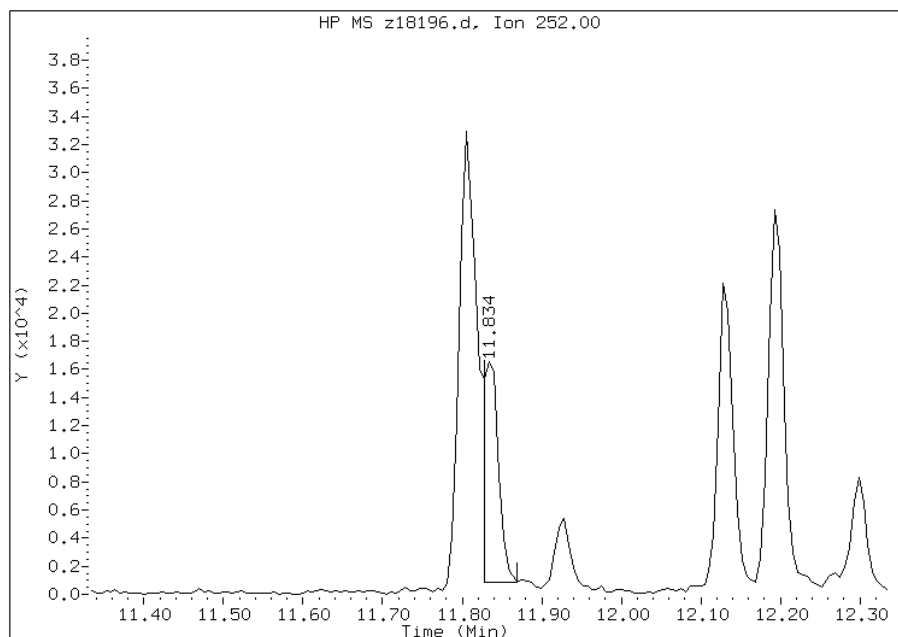
Processing Integration Results

RT: 11.80
Response: 55275
Amount: 5
Conc: 598



Manual Integration Results

RT: 11.83
Response: 20259
Amount: 2
Conc: 219



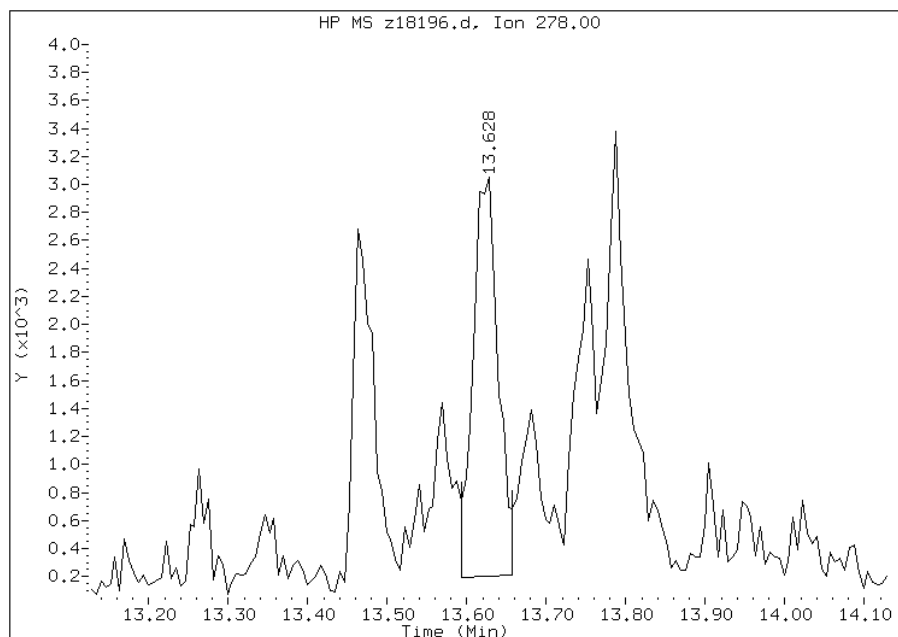
Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

Manual Integration Report

Data File: z18196.d
Inj. Date and Time: 05-JUL-2011 20:57
Instrument ID: BNAMS11.i
Client ID: SP-4-SOLID
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 07/07/2011

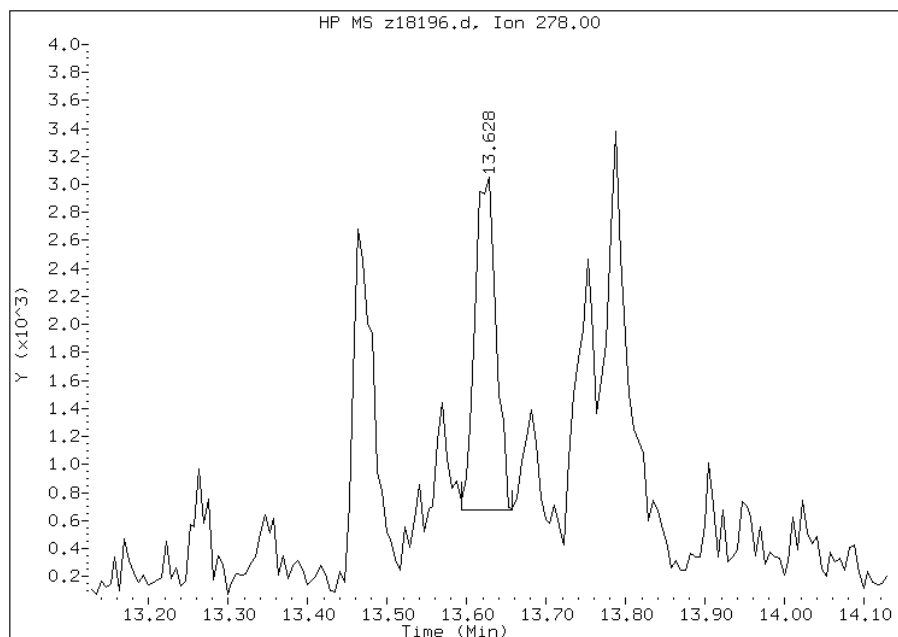
Processing Integration Results

RT: 13.63
Response: 6327
Amount: 1
Conc: 99



Manual Integration Results

RT: 13.63
Response: 4345
Amount: 1
Conc: 68



Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-3-SOLID</u>	Lab Sample ID: <u>460-28327-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18188.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 09:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>07/05/2011 18:01</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>21.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	420	U	420	51
95-57-8	2-Chlorophenol	420	U	420	56
95-48-7	2-Methylphenol	420	U	420	60
106-44-5	4-Methylphenol	420	U	420	69
88-75-5	2-Nitrophenol	420	U	420	69
105-67-9	2,4-Dimethylphenol	420	U	420	67
120-83-2	2,4-Dichlorophenol	420	U	420	67
59-50-7	4-Chloro-3-methylphenol	420	U	420	70
88-06-2	2,4,6-Trichlorophenol	420	U	420	75
95-95-4	2,4,5-Trichlorophenol	420	U	420	81
51-28-5	2,4-Dinitrophenol	1300	U	1300	89
100-02-7	4-Nitrophenol	1300	U	1300	110
534-52-1	4,6-Dinitro-2-methylphenol	1300	U	1300	200
87-86-5	Pentachlorophenol	1300	U	1300	200
111-44-4	Bis(2-chloroethyl)ether	42	U	42	8.7
541-73-1	1,3-Dichlorobenzene	420	U	420	57
106-46-7	1,4-Dichlorobenzene	420	U	420	63
95-50-1	1,2-Dichlorobenzene	420	U	420	67
621-64-7	N-Nitrosodi-n-propylamine	42	U	42	5.5
67-72-1	Hexachloroethane	42	U	42	7.1
98-95-3	Nitrobenzene	42	U	42	9.4
78-59-1	Isophorone	420	U	420	48
111-91-1	Bis(2-chloroethoxy)methane	420	U	420	60
120-82-1	1,2,4-Trichlorobenzene	42	U	42	6.8
91-20-3	Naphthalene	420	U	420	61
106-47-8	4-Chloroaniline	420	U	420	53
87-68-3	Hexachlorobutadiene	85	U	85	17
91-57-6	2-Methylnaphthalene	420	U	420	61
77-47-4	Hexachlorocyclopentadiene	420	U	420	120
91-58-7	2-Chloronaphthalene	420	U	420	59
88-74-4	2-Nitroaniline	850	U	850	110
131-11-3	Dimethyl phthalate	420	U	420	57
208-96-8	Acenaphthylene	420	U	420	60
606-20-2	2,6-Dinitrotoluene	85	U	85	11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-3-SOLID</u>	Lab Sample ID: <u>460-28327-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18188.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 09:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>07/05/2011 18:01</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>21.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	850	U	850	95
83-32-9	Acenaphthene	420	U	420	60
132-64-9	Dibenzofuran	420	U	420	63
121-14-2	2,4-Dinitrotoluene	85	U	85	12
84-66-2	Diethyl phthalate	420	U	420	56
7005-72-3	4-Chlorophenyl phenyl ether	420	U	420	72
86-73-7	Fluorene	420	U	420	71
100-01-6	4-Nitroaniline	850	U	850	86
86-30-6	N-Nitrosodiphenylamine	420	U	420	68
101-55-3	4-Bromophenyl phenyl ether	420	U	420	75
118-74-1	Hexachlorobenzene	42	U	42	5.8
85-01-8	Phenanthrene	170	J	420	73
120-12-7	Anthracene	420	U	420	74
86-74-8	Carbazole	420	U	420	67
84-74-2	Di-n-butyl phthalate	420	U	420	64
206-44-0	Fluoranthene	260	J	420	70
129-00-0	Pyrene	220	J	420	72
85-68-7	Butyl benzyl phthalate	420	U	420	49
91-94-1	3,3'-Dichlorobenzidine	850	U	850	93
56-55-3	Benzo[a]anthracene	110		42	7.7
218-01-9	Chrysene	140	J	420	61
117-81-7	Bis(2-ethylhexyl) phthalate	420	U	420	56
117-84-0	Di-n-octyl phthalate	420	U	420	50
205-99-2	Benzo[b]fluoranthene	140		42	6.2
207-08-9	Benzo[k]fluoranthene	59		42	5.9
50-32-8	Benzo[a]pyrene	110		42	5.2
193-39-5	Indeno[1,2,3-cd]pyrene	58		42	6.7
53-70-3	Dibenz(a,h)anthracene	10	J	42	5.0
191-24-2	Benzo[g,h,i]perylene	53	J	420	44
108-60-1	bis (2-chloroisopropyl) ether	420	U	420	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-3-SOLID Lab Sample ID: 460-28327-7
Matrix: Solid Lab File ID: z18188.d
Analysis Method: 8270C Date Collected: 06/30/2011 09:30
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.02(g) Date Analyzed: 07/05/2011 18:01
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 21.1 GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	96		16-151
118-79-6	2,4,6-Tribromophenol	66		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18188.d
 Report Date: 06-Jul-2011 12:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18188.d
 Lab Smp Id: 460-28327-B-7-B Client Smp ID: SP-3-SOLID
 Inj Date : 05-JUL-2011 18:01
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-28327-B-7-B
 Misc Info : 460-28327-B-7-B
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 20
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	21.11111	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.311	2.276	(0.659)	1434249	79.1328	6700
\$ 17 Phenol-d5 (SUR)	99	3.182	3.170	(0.908)	1762946	81.9450	6900
* 79 1,4-Dichlorobenzene-d4	152	3.505	3.505	(1.000)	582045	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.076	4.076	(0.848)	820170	38.8749	3300
* 80 Naphthalene-d8	136	4.805	4.805	(1.000)	2022641	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.901)	1253153	39.2284	3300
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	913751	40.0000	
42 Acenaphthene	154	6.581	6.587	(1.004)	3558	0.14622	12(a)
47 Fluorene	166	7.087	7.087	(1.081)	4493	0.16999	14(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.328	7.329	(1.117)	201426	65.6308	5500
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	1095219	40.0000	
52 Phenanthrene	178	8.017	8.017	(1.002)	59979	1.95973	160(a)
53 Anthracene	178	8.070	8.070	(1.009)	9971	0.32476	27(a)

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18188.d
 Report Date: 06-Jul-2011 12:58

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
56 Fluoranthene	202	9.175	9.175	(1.147)	77227	3.05863	260(a)
57 Pyrene	202	9.387	9.387	(0.886)	61503	2.58615	220(a)
\$ 78 Terphenyl-d14	244	9.575	9.570	(0.904)	674366	47.8447	4000
61 Benzo(a)anthracene	228	10.581	10.587	(0.999)	21574	1.33809	110
* 81 Chrysene-d12	240	10.593	10.593	(1.000)	592034	40.0000	
62 Chrysene	228	10.616	10.622	(1.002)	24260	1.62510	140(a)
65 Benzo(b)fluoranthene	252	11.805	11.805	(0.962)	20113	1.61850	140
66 Benzo(k)fluoranthene	252	11.834	11.834	(0.965)	8936	0.69676	59
67 Benzo(a)pyrene	252	12.193	12.193	(0.994)	13118	1.36176	110
* 84 Perylene-d12	264	12.269	12.264	(1.000)	440678	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.593	13.593	(1.108)	5644	0.68601	58
69 Dibenz(a,h)anthracene	278	13.628	13.628	(1.111)	1079	0.12166	10(a)
70 Benzo(g,h,i)perylene	276	13.910	13.911	(1.134)	5942	0.63137	53(a)

QC Flag Legend

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

Data File: z18188.d

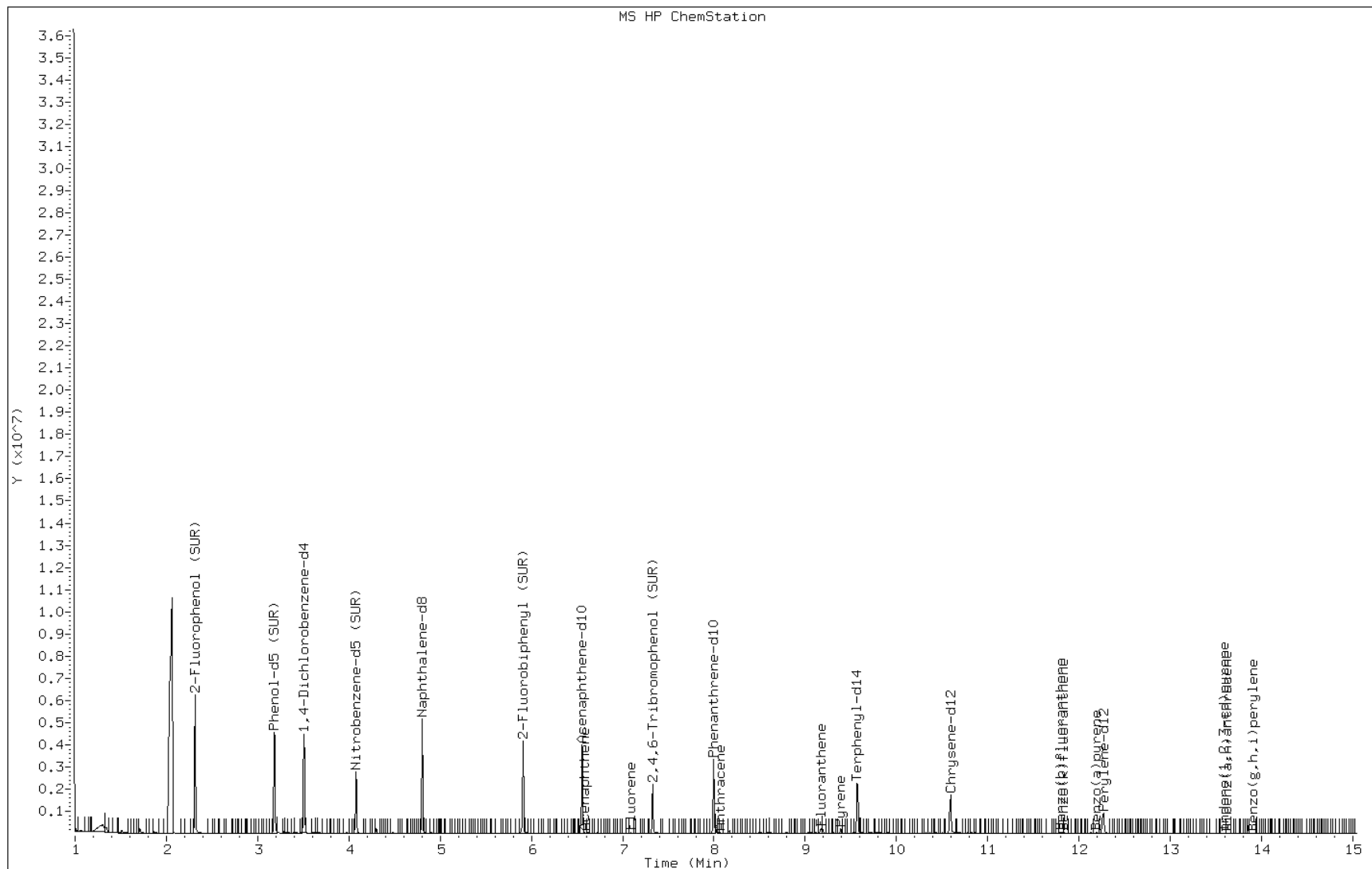
Date: 05-JUL-2011 18:01

Client ID: SP-3-SOLID

Sample Info: 460-28327-B-7-B

Instrument: BNAMS11.i

Operator: BNAMS 4



Data File: z18188.d

Date: 05-JUL-2011 18:01

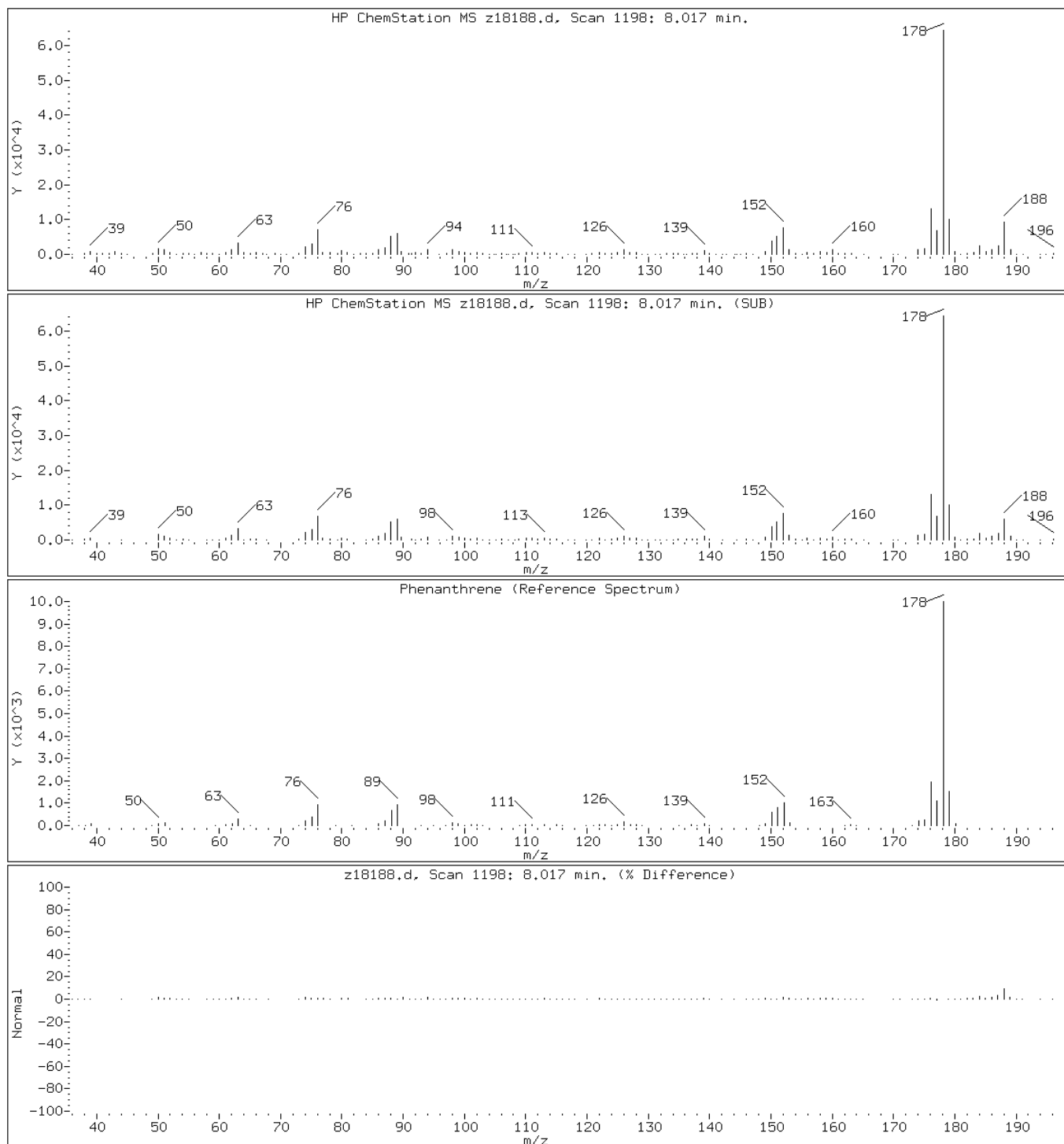
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

52 Phenanthrene



Data File: z18188.d

Date: 05-JUL-2011 18:01

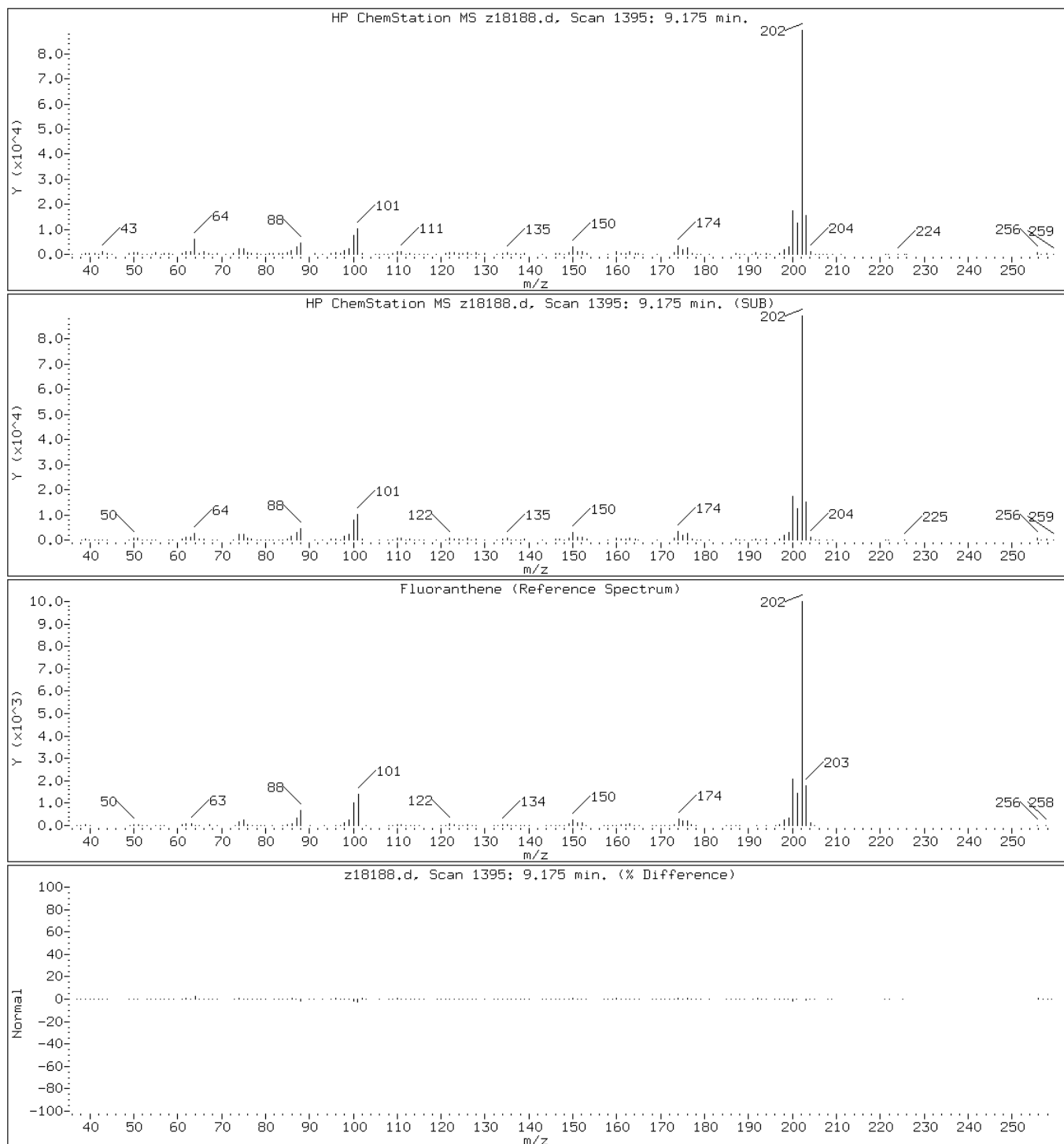
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

56 Fluoranthene



Data File: z18188.d

Date: 05-JUL-2011 18:01

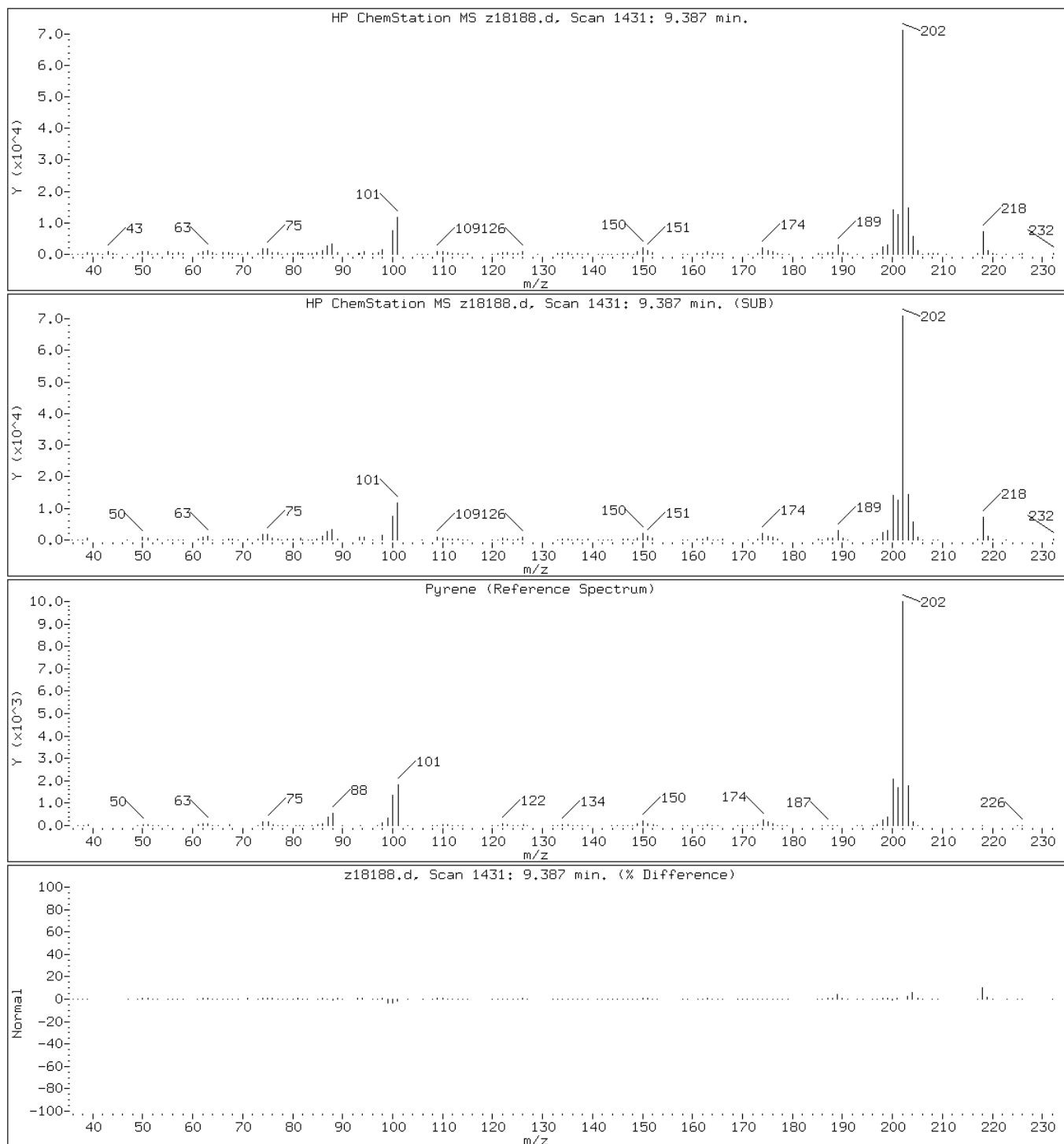
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

57 Pyrene



Data File: z18188.d

Date: 05-JUL-2011 18:01

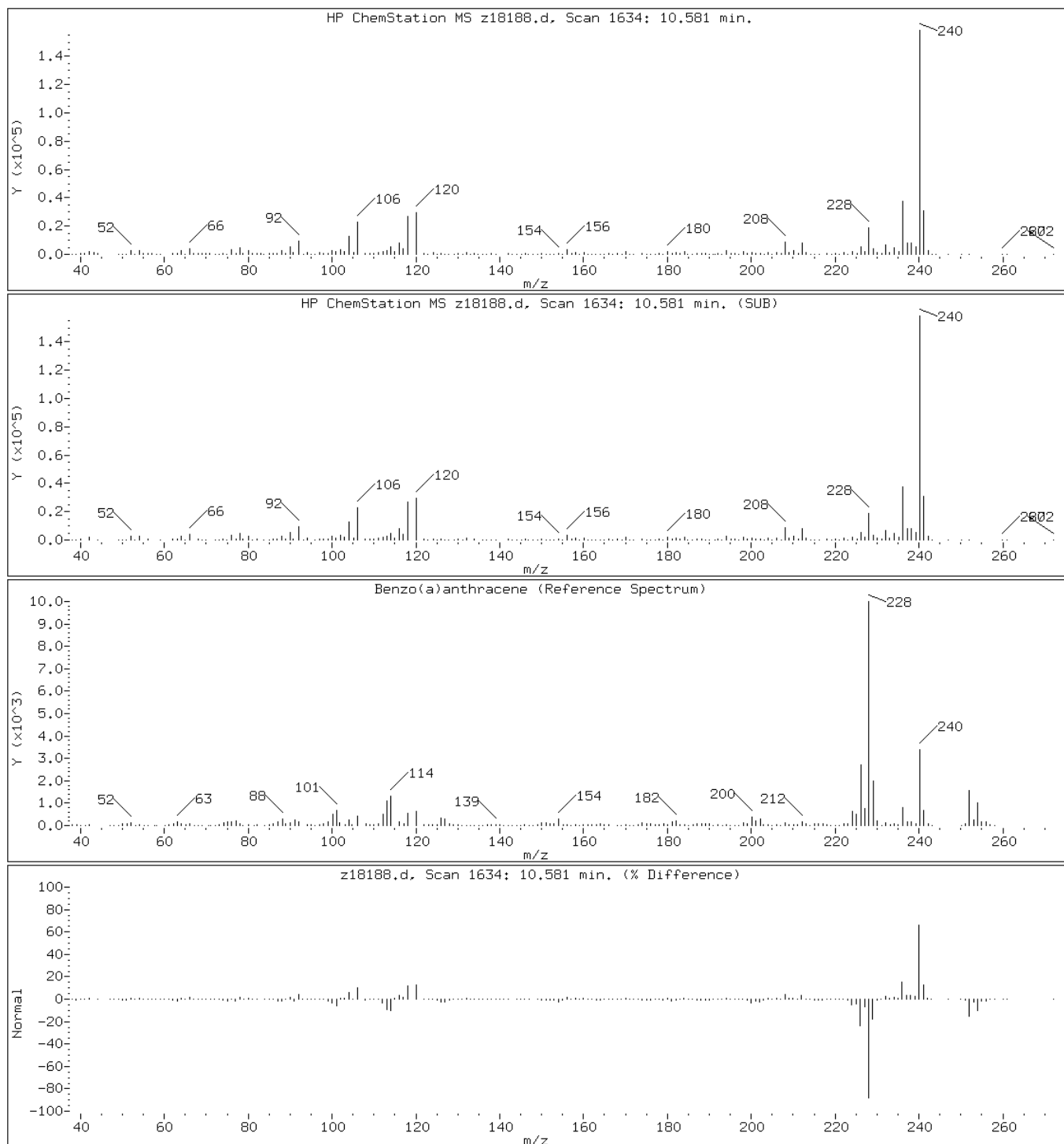
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z18188.d

Date: 05-JUL-2011 18:01

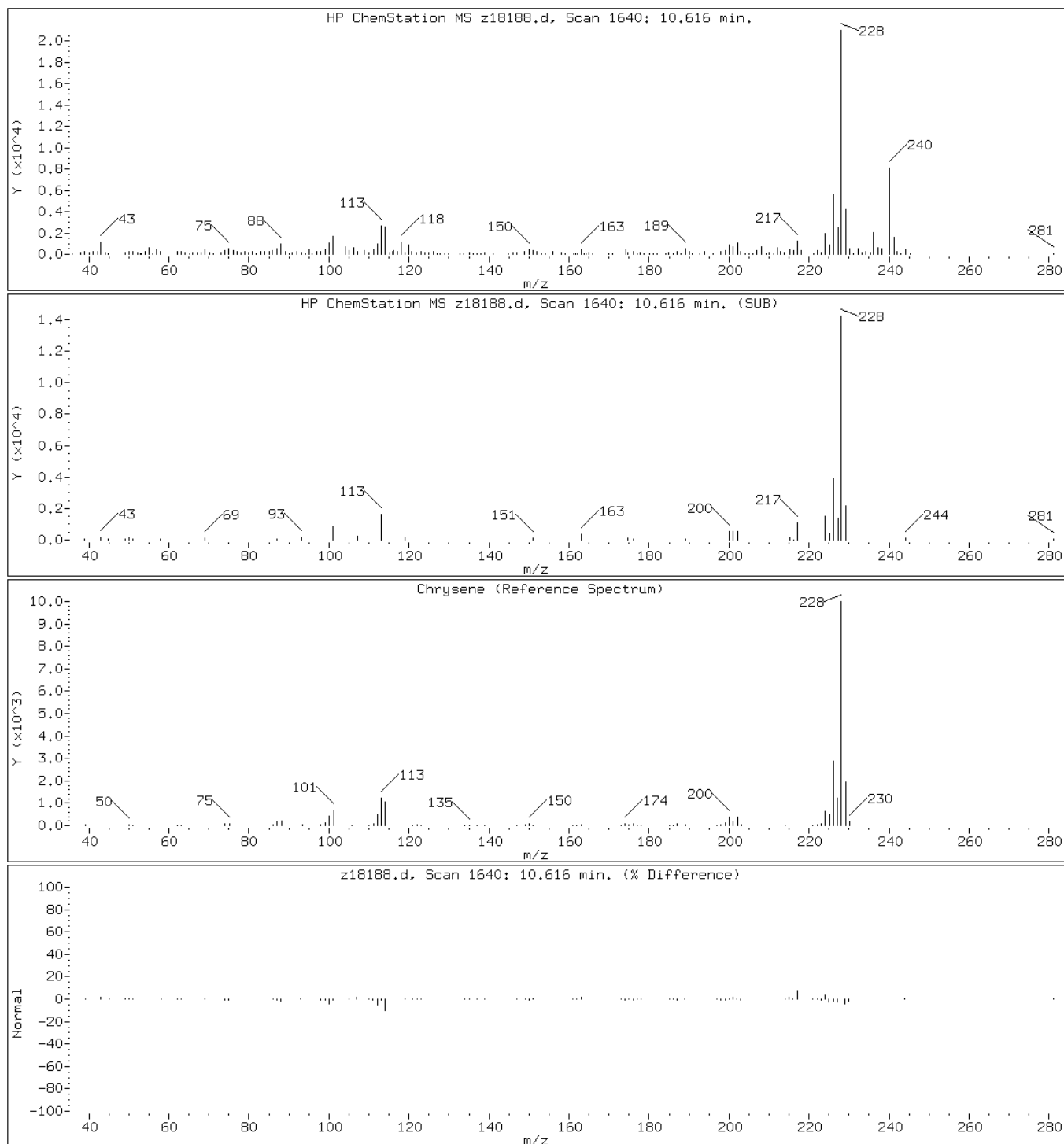
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

62 Chrysene



Data File: z18188.d

Date: 05-JUL-2011 18:01

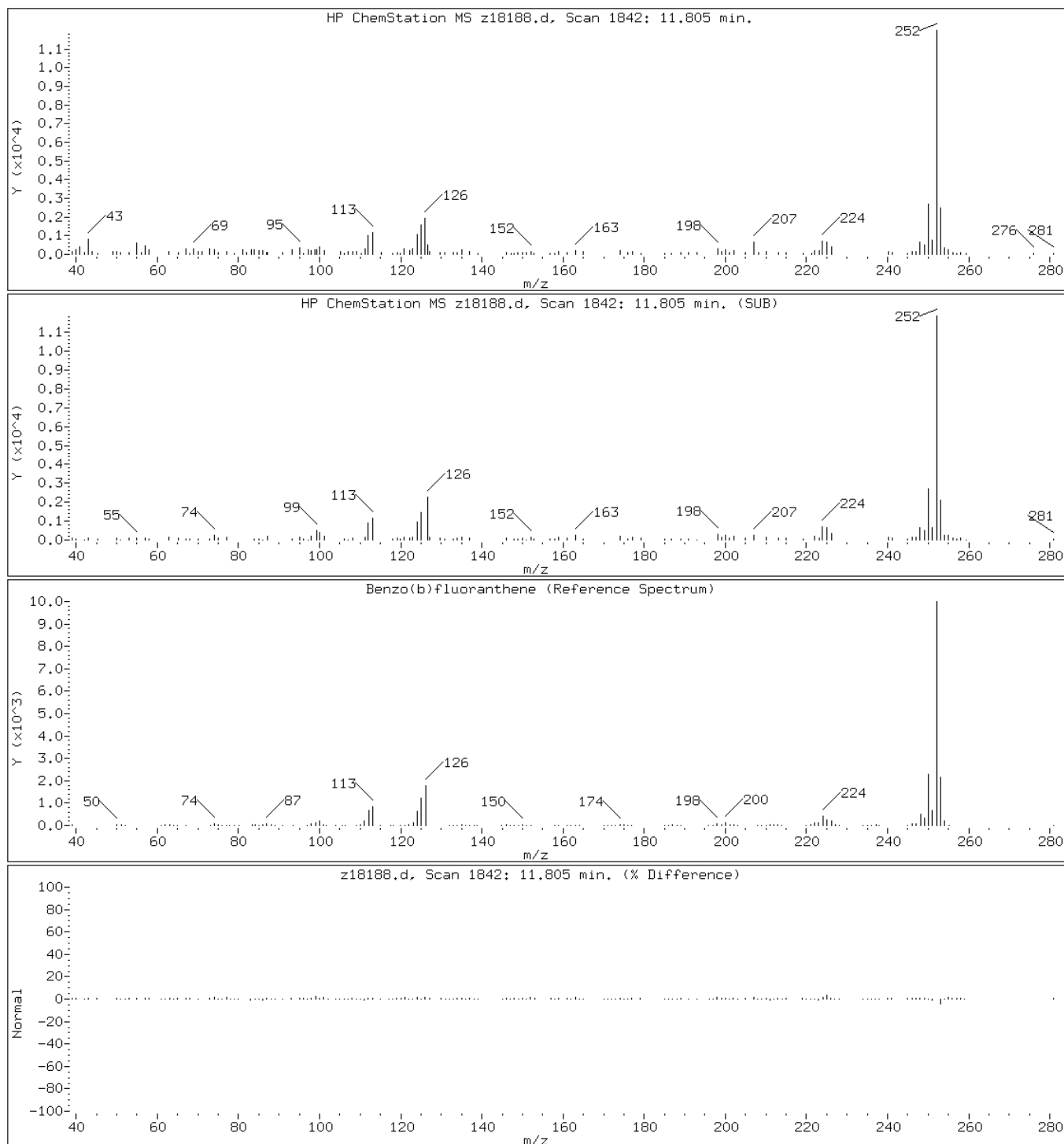
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z18188.d

Date: 05-JUL-2011 18:01

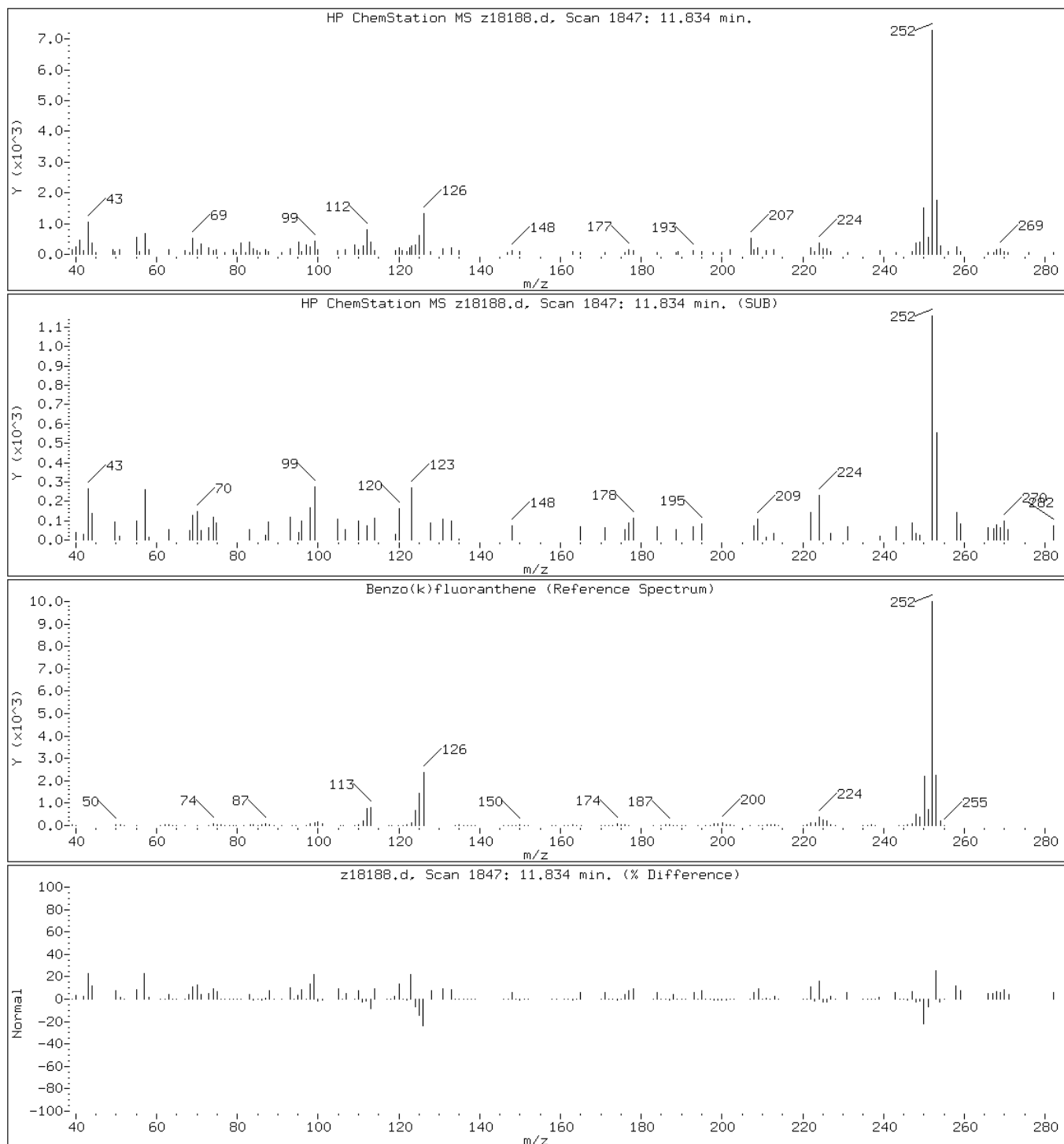
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z18188.d

Date: 05-JUL-2011 18:01

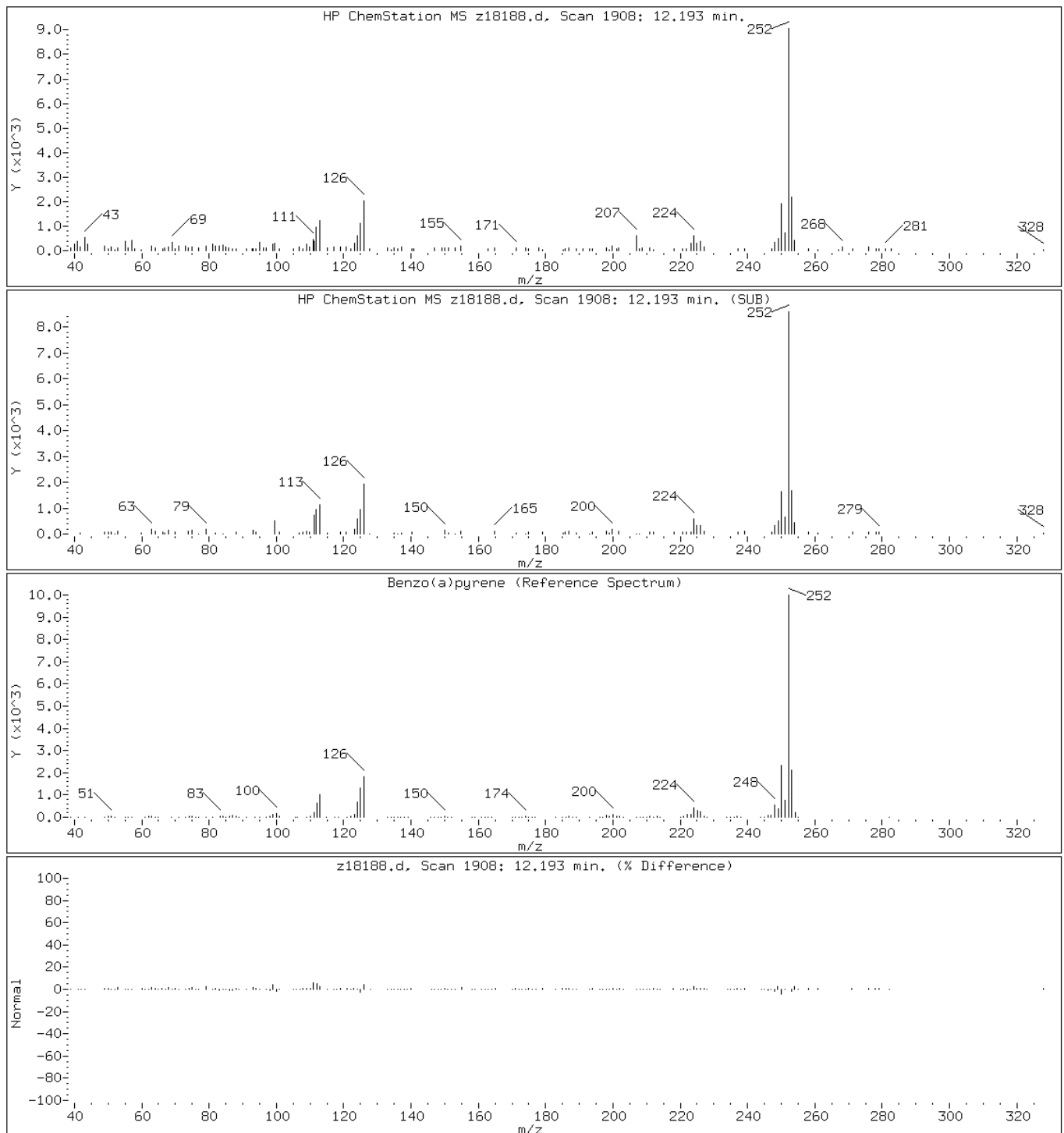
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z18188.d

Date: 05-JUL-2011 18:01

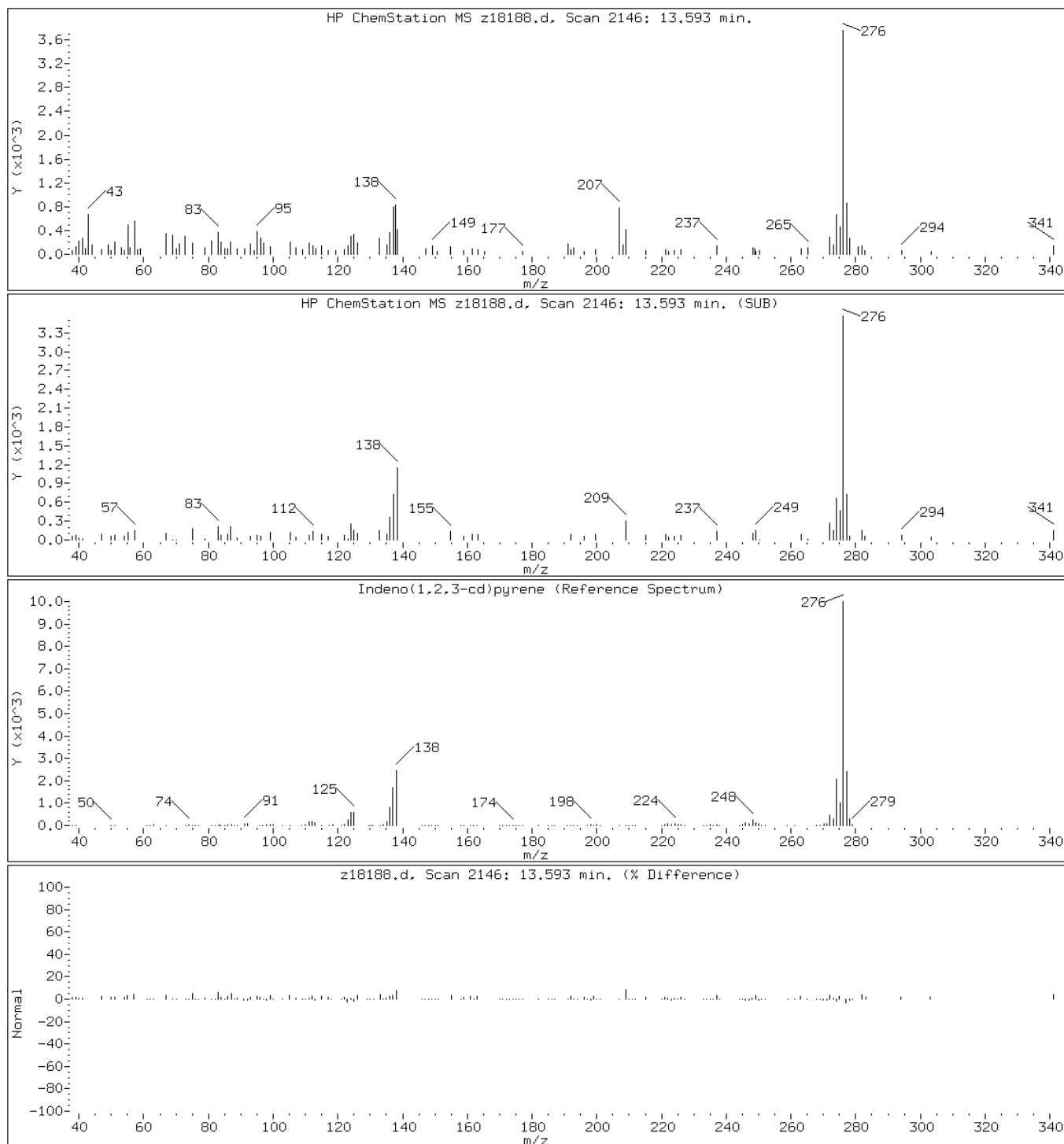
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z18188.d

Date: 05-JUL-2011 18:01

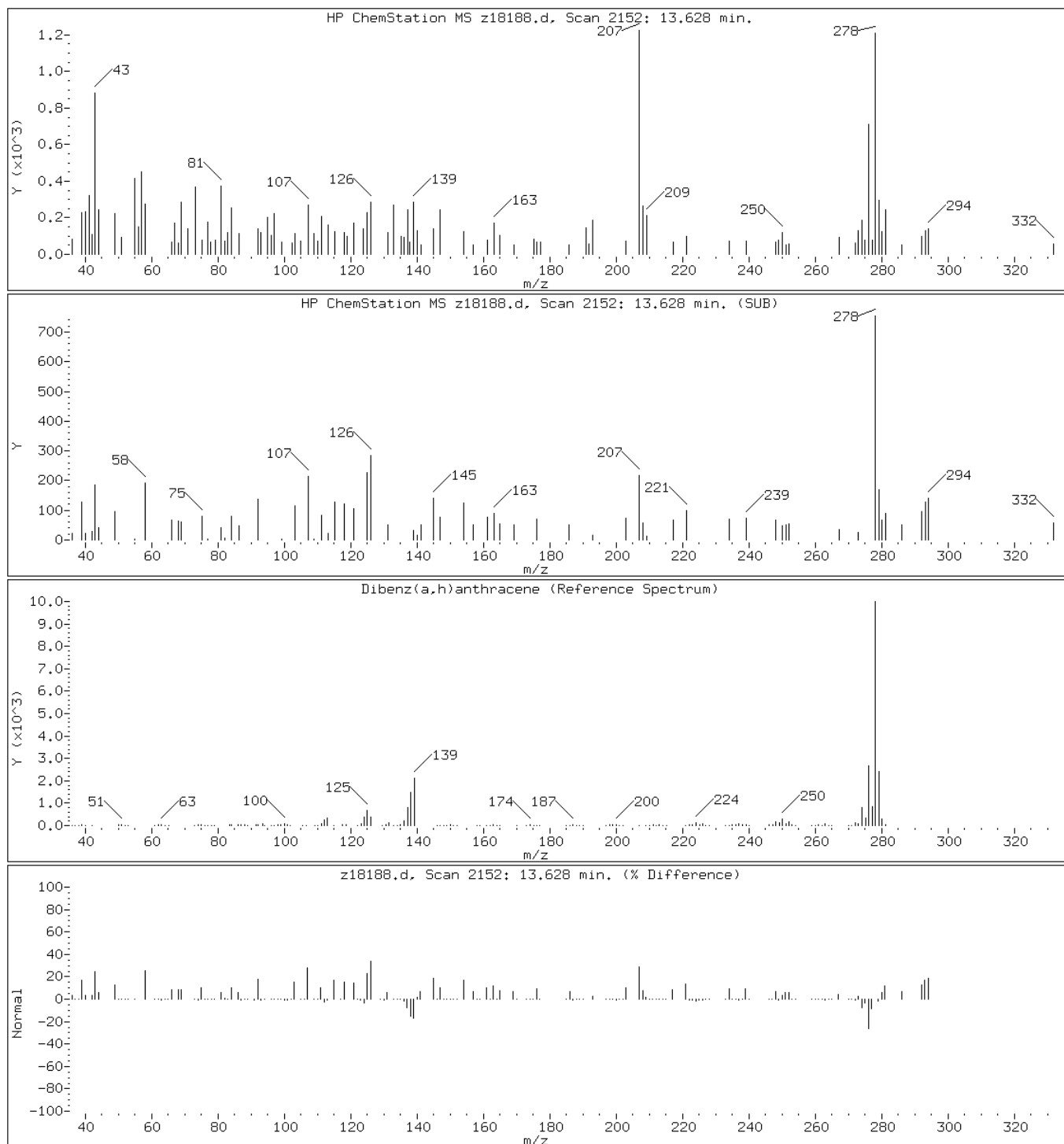
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z18188.d

Date: 05-JUL-2011 18:01

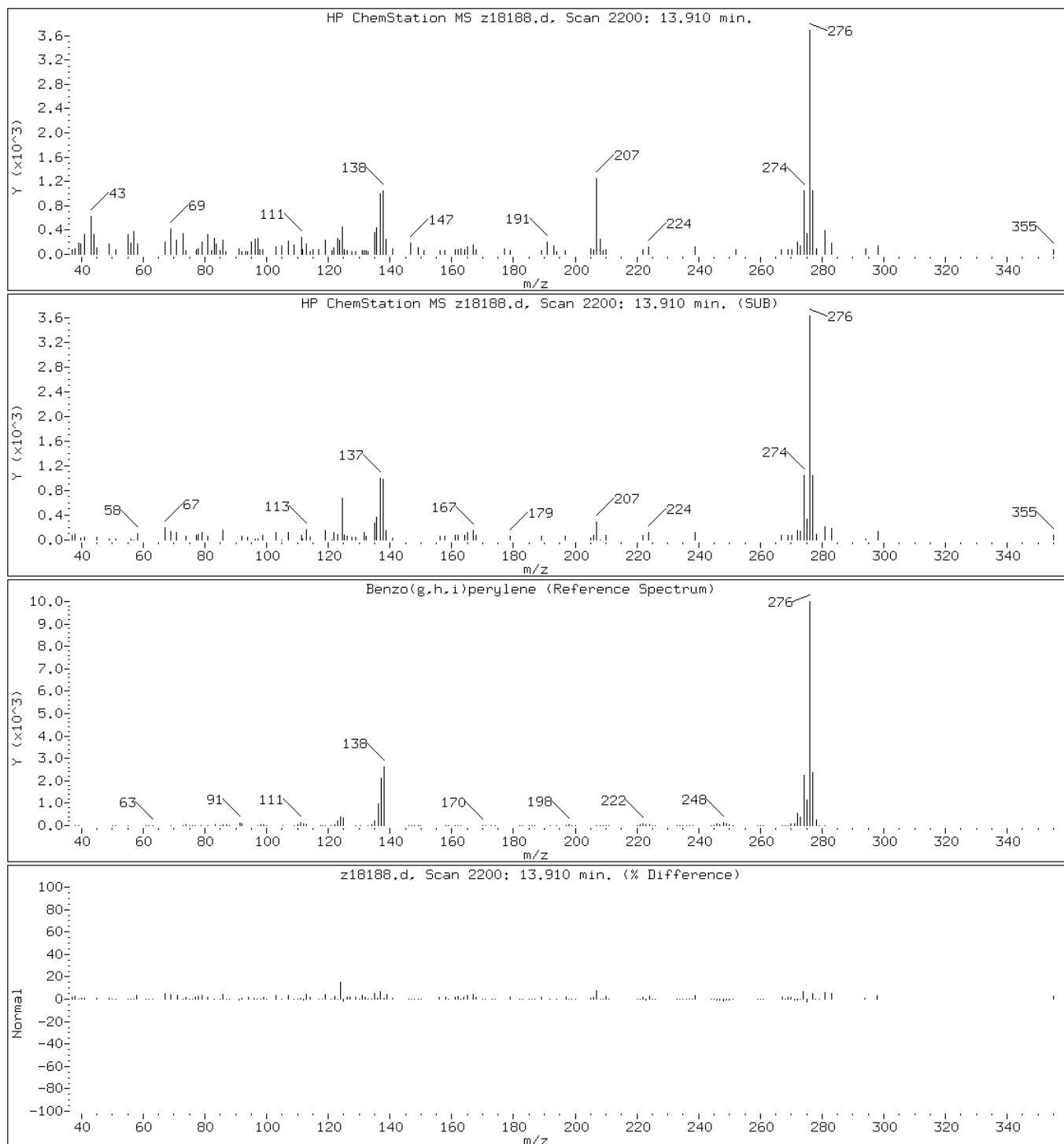
Client ID: SP-3-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-7-B

Operator: BNAMS 4

70 Benzo(g,h,i)perylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-2-SOLID</u>	Lab Sample ID: <u>460-28327-8</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18187.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 14:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>07/05/2011 17:39</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>25.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	440	U	440	54
95-57-8	2-Chlorophenol	440	U	440	59
95-48-7	2-Methylphenol	440	U	440	64
106-44-5	4-Methylphenol	440	U	440	73
88-75-5	2-Nitrophenol	440	U	440	73
105-67-9	2,4-Dimethylphenol	440	U	440	71
120-83-2	2,4-Dichlorophenol	440	U	440	71
59-50-7	4-Chloro-3-methylphenol	440	U	440	75
88-06-2	2,4,6-Trichlorophenol	440	U	440	80
95-95-4	2,4,5-Trichlorophenol	440	U	440	86
51-28-5	2,4-Dinitrophenol	1300	U	1300	94
100-02-7	4-Nitrophenol	1300	U	1300	110
534-52-1	4,6-Dinitro-2-methylphenol	1300	U	1300	210
87-86-5	Pentachlorophenol	1300	U	1300	220
111-44-4	Bis(2-chloroethyl)ether	44	U	44	9.3
541-73-1	1,3-Dichlorobenzene	440	U	440	61
106-46-7	1,4-Dichlorobenzene	440	U	440	66
95-50-1	1,2-Dichlorobenzene	440	U	440	71
621-64-7	N-Nitrosodi-n-propylamine	44	U	44	5.9
67-72-1	Hexachloroethane	44	U	44	7.5
98-95-3	Nitrobenzene	44	U	44	10
78-59-1	Isophorone	440	U	440	51
111-91-1	Bis(2-chloroethoxy)methane	440	U	440	63
120-82-1	1,2,4-Trichlorobenzene	44	U	44	7.3
91-20-3	Naphthalene	440	U	440	65
106-47-8	4-Chloroaniline	440	U	440	56
87-68-3	Hexachlorobutadiene	90	U	90	18
91-57-6	2-Methylnaphthalene	440	U	440	65
77-47-4	Hexachlorocyclopentadiene	440	U	440	130
91-58-7	2-Chloronaphthalene	440	U	440	63
88-74-4	2-Nitroaniline	900	U	900	120
131-11-3	Dimethyl phthalate	440	U	440	60
208-96-8	Acenaphthylene	440	U	440	64
606-20-2	2,6-Dinitrotoluene	90	U	90	11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-2-SOLID</u>	Lab Sample ID: <u>460-28327-8</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18187.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 14:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>07/05/2011 17:39</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>25.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	900	U	900	100
83-32-9	Acenaphthene	440	U	440	63
132-64-9	Dibenzofuran	440	U	440	67
121-14-2	2,4-Dinitrotoluene	90	U	90	13
84-66-2	Diethyl phthalate	440	U	440	60
7005-72-3	4-Chlorophenyl phenyl ether	440	U	440	77
86-73-7	Fluorene	440	U	440	75
100-01-6	4-Nitroaniline	900	U	900	92
86-30-6	N-Nitrosodiphenylamine	440	U	440	73
101-55-3	4-Bromophenyl phenyl ether	440	U	440	79
118-74-1	Hexachlorobenzene	44	U	44	6.2
85-01-8	Phenanthrene	440	U	440	78
120-12-7	Anthracene	440	U	440	79
86-74-8	Carbazole	440	U	440	71
84-74-2	Di-n-butyl phthalate	440	U	440	68
206-44-0	Fluoranthene	440	U	440	74
129-00-0	Pyrene	440	U	440	77
85-68-7	Butyl benzyl phthalate	440	U	440	52
91-94-1	3,3'-Dichlorobenzidine	900	U	900	98
56-55-3	Benzo[a]anthracene	29	J	44	8.2
218-01-9	Chrysene	440	U	440	65
117-81-7	Bis(2-ethylhexyl) phthalate	440	U	440	59
117-84-0	Di-n-octyl phthalate	440	U	440	53
205-99-2	Benzo[b]fluoranthene	39	J	44	6.6
207-08-9	Benzo[k]fluoranthene	44	U	44	6.2
50-32-8	Benzo[a]pyrene	28	J	44	5.5
193-39-5	Indeno[1,2,3-cd]pyrene	21	J	44	7.1
53-70-3	Dibenz(a,h)anthracene	44	U	44	5.4
191-24-2	Benzo[g,h,i]perylene	440	U	440	47
108-60-1	bis (2-chloroisopropyl) ether	440	U	440	58

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-2-SOLID Lab Sample ID: 460-28327-8
Matrix: Solid Lab File ID: z18187.d
Analysis Method: 8270C Date Collected: 06/30/2011 14:15
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.03(g) Date Analyzed: 07/05/2011 17:39
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 25.8 GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	61		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	71		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18187.d
 Report Date: 07-Jul-2011 11:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18187.d
 Lab Smp Id: 460-28327-B-8-B Client Smp ID: SP-2-SOLID
 Inj Date : 05-JUL-2011 17:39
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-28327-B-8-B
 Misc Info : 460-28327-B-8-B
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 19
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	25.81262	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)		112	2.317	2.276	(0.661)	1371485	71.4248	6400
\$ 17 Phenol-d5 (SUR)		99	3.188	3.170	(0.909)	1682247	73.8072	6600
* 79 1,4-Dichlorobenzene-d4		152	3.505	3.505	(1.000)	616639	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.076	4.076	(0.848)	777710	34.8347	3100
* 80 Naphthalene-d8		136	4.805	4.805	(1.000)	2140374	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	5.911	5.911	(0.901)	1173280	35.5345	3200
* 82 Acenaphthene-d10		164	6.558	6.558	(1.000)	944442	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.329	7.329	(1.117)	192377	60.6454	5400
* 83 Phenanthrene-d10		188	7.999	7.999	(1.000)	1123414	40.0000	
56 Fluoranthene		202	9.176	9.175	(1.147)	7017	0.27094	24(a)
57 Pyrene		202	9.387	9.387	(0.886)	6639	0.28193	25(a)
\$ 78 Terphenyl-d14		244	9.576	9.570	(0.904)	622171	44.5788	4000
61 Benzo(a)anthracene		228	10.587	10.587	(0.999)	5183	0.32465	29(a)

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18187.d
 Report Date: 07-Jul-2011 11:05

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
* 81 Chrysene-d12	240	10.593	10.593	(1.000)	586227	40.0000	
62 Chrysene	228	10.617	10.622	(1.002)	4524	0.30605	27(aM)
65 Benzo(b)fluoranthene	252	11.811	11.805	(0.963)	5479	0.43300	39(a)
67 Benzo(a)pyrene	252	12.199	12.193	(0.994)	3016	0.30748	28(a)
* 84 Perylene-d12	264	12.270	12.264	(1.000)	448713	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.605	13.593	(1.109)	1915	0.22876	20(aM)
70 Benzo(g,h,i)perylene	276	13.911	13.911	(1.134)	2008	0.20954	19(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: z18187.d

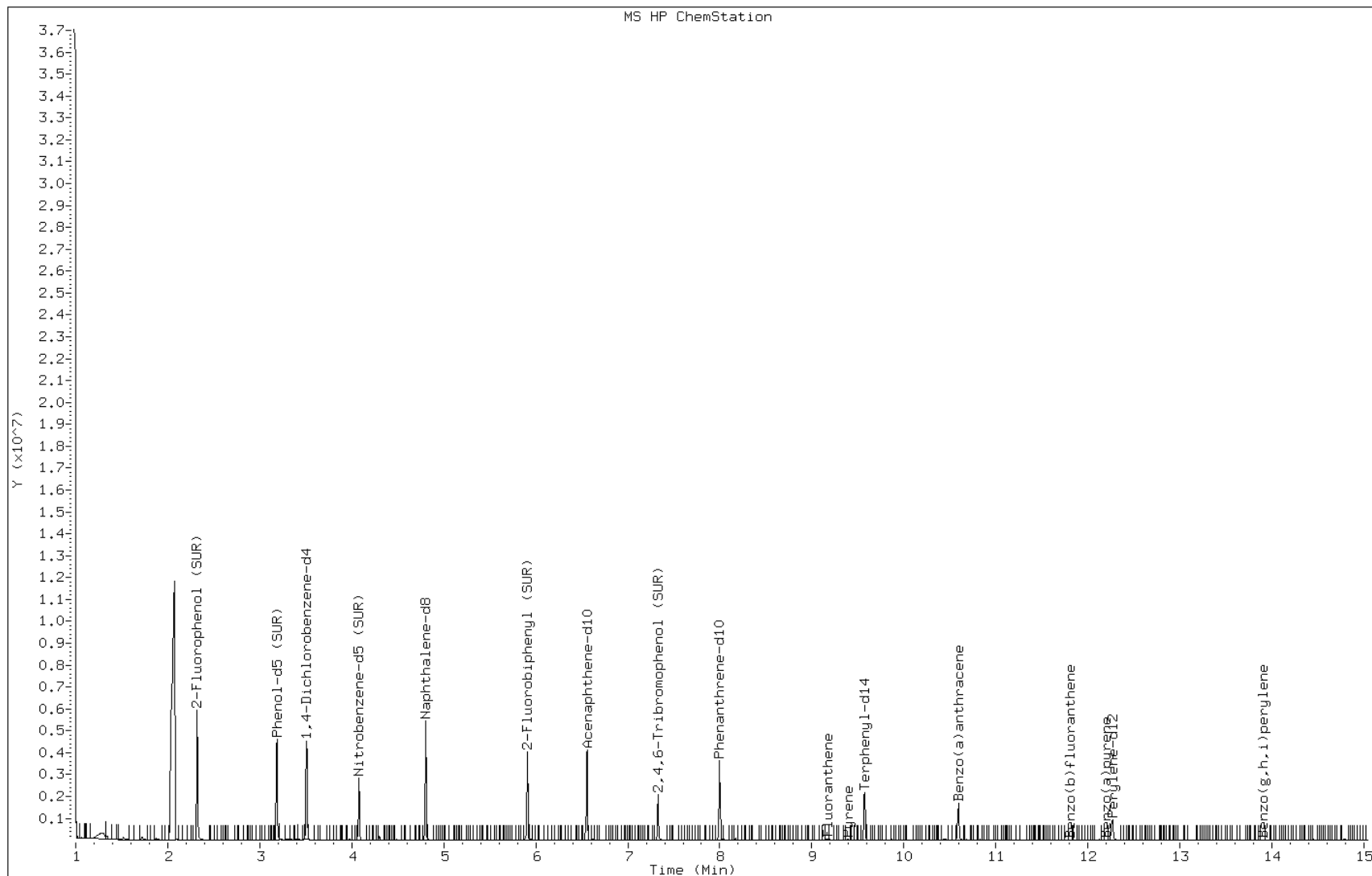
Date: 05-JUL-2011 17:39

Client ID: SP-2-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-8-B

Operator: BNAMS 4



Data File: z18187.d

Date: 05-JUL-2011 17:39

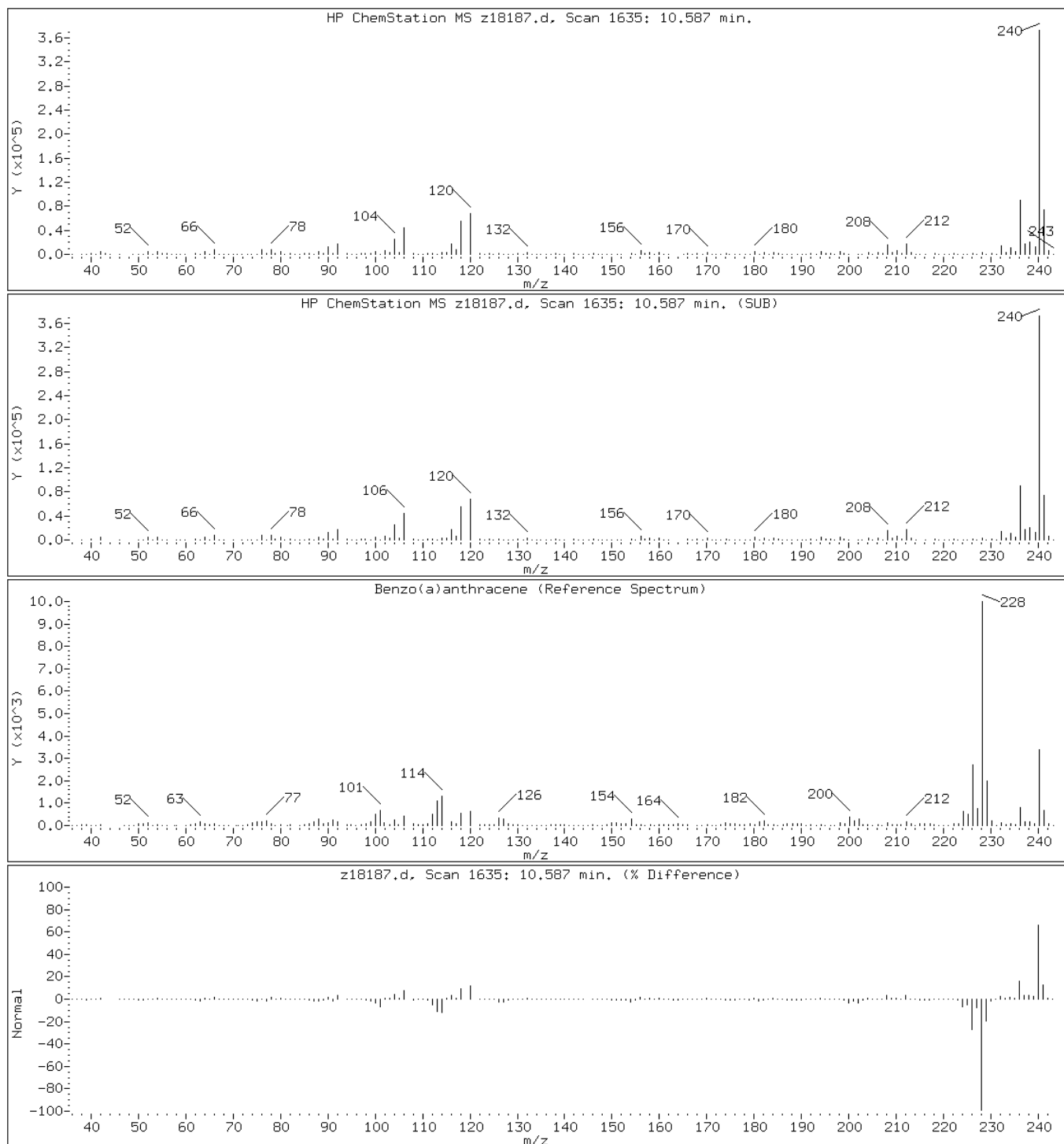
Client ID: SP-2-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-8-B

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z18187.d

Date: 05-JUL-2011 17:39

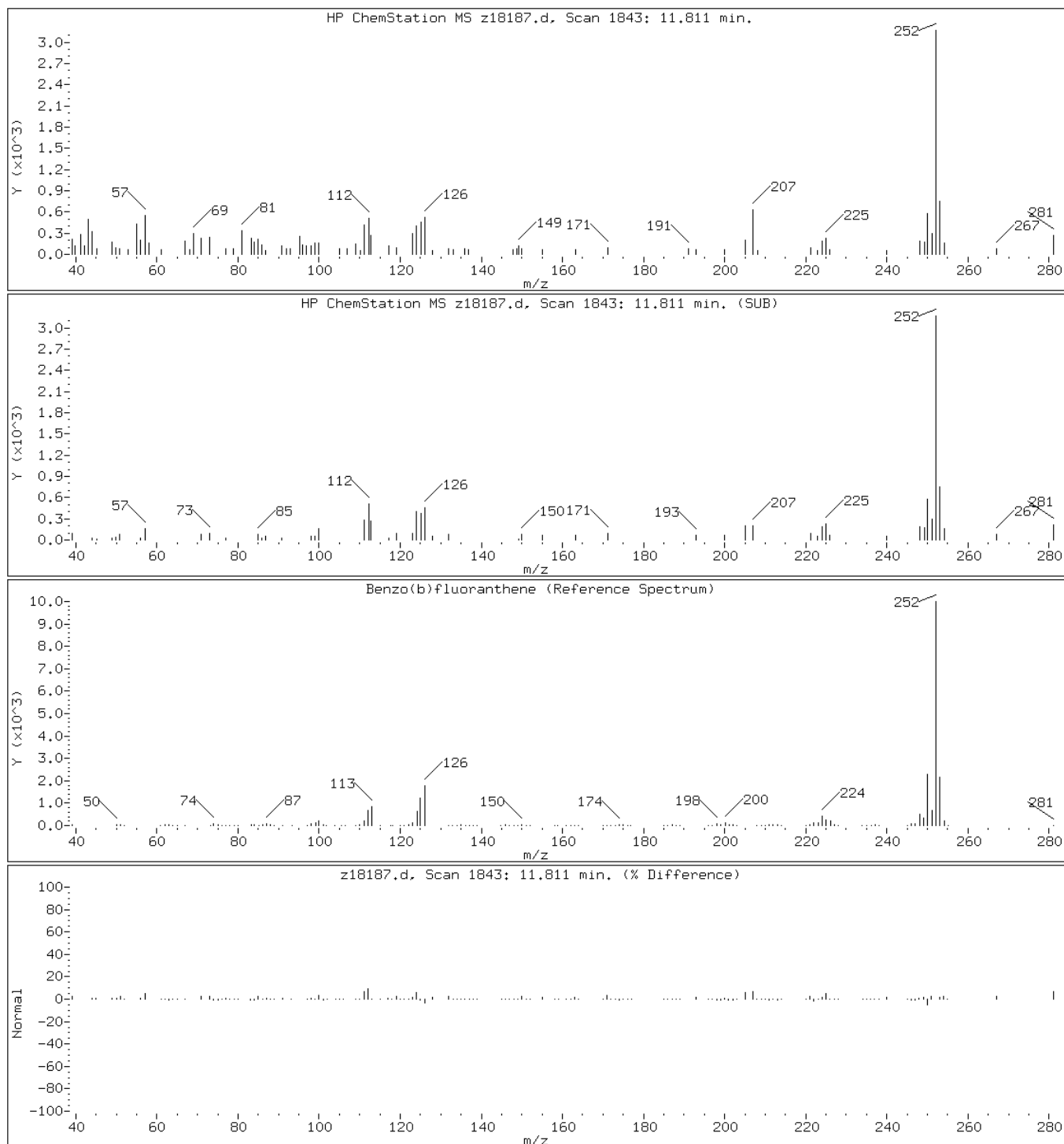
Client ID: SP-2-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-8-B

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z18187.d

Date: 05-JUL-2011 17:39

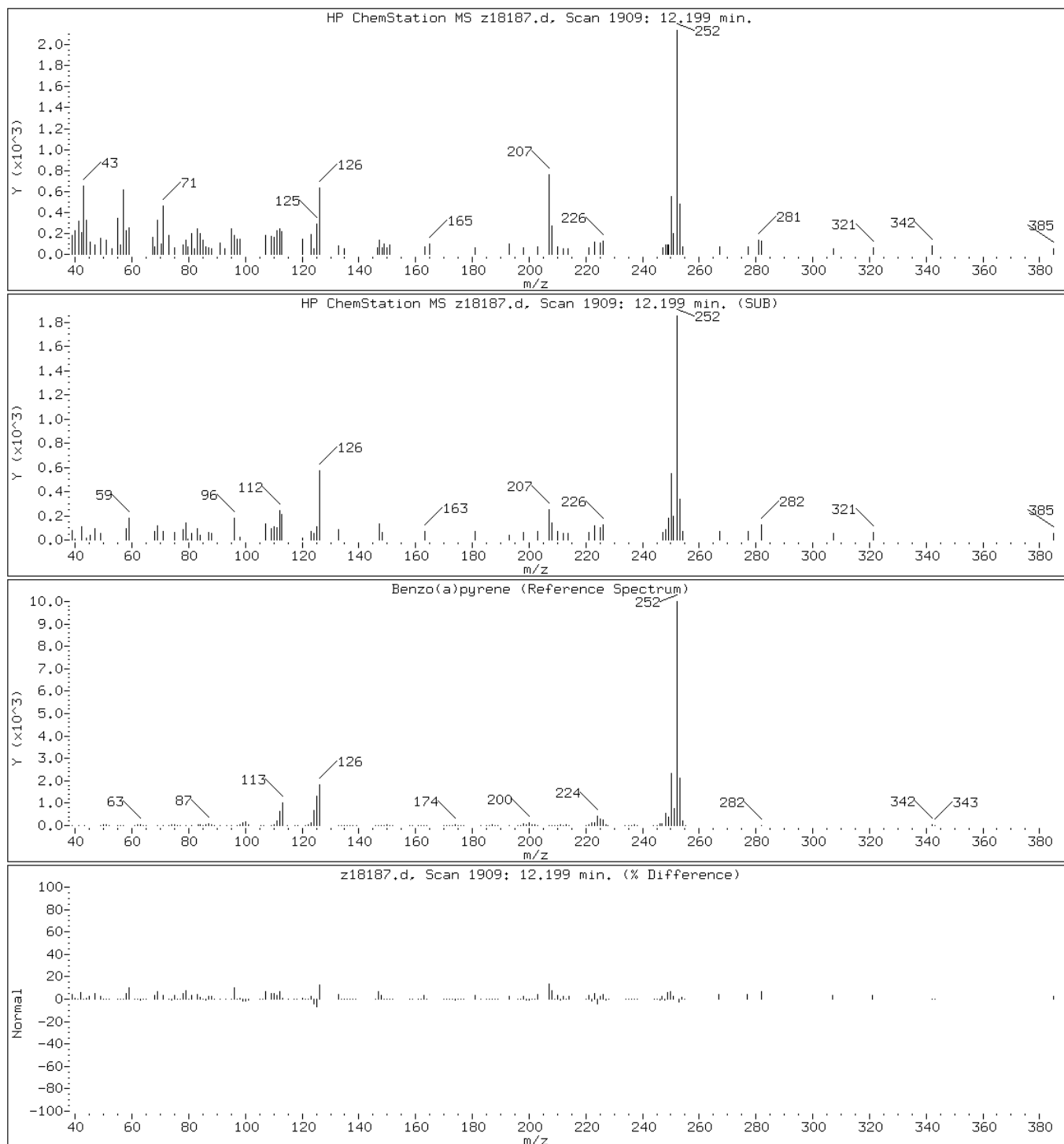
Client ID: SP-2-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-8-B

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z18187.d

Date: 05-JUL-2011 17:39

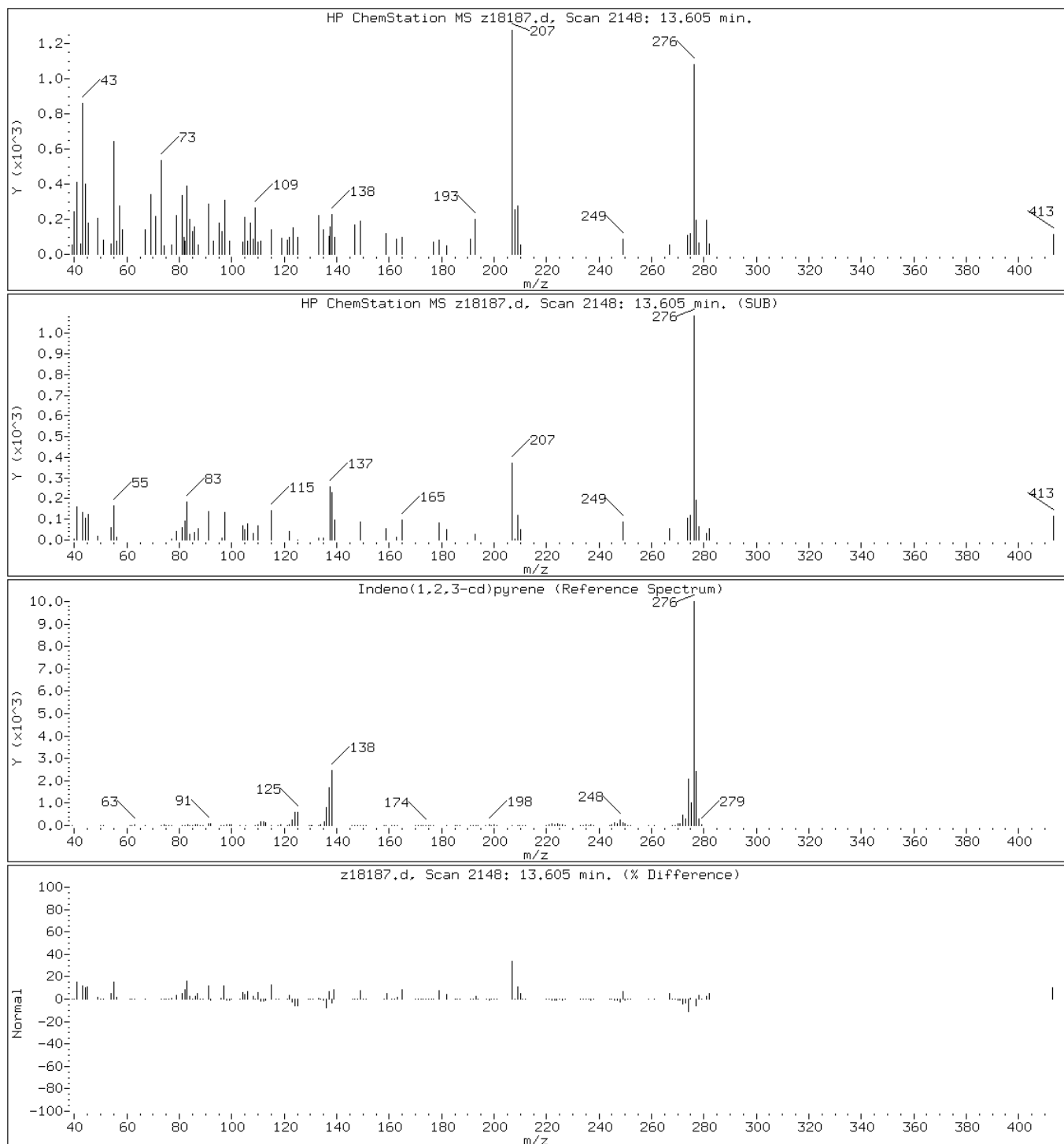
Client ID: SP-2-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-8-B

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene

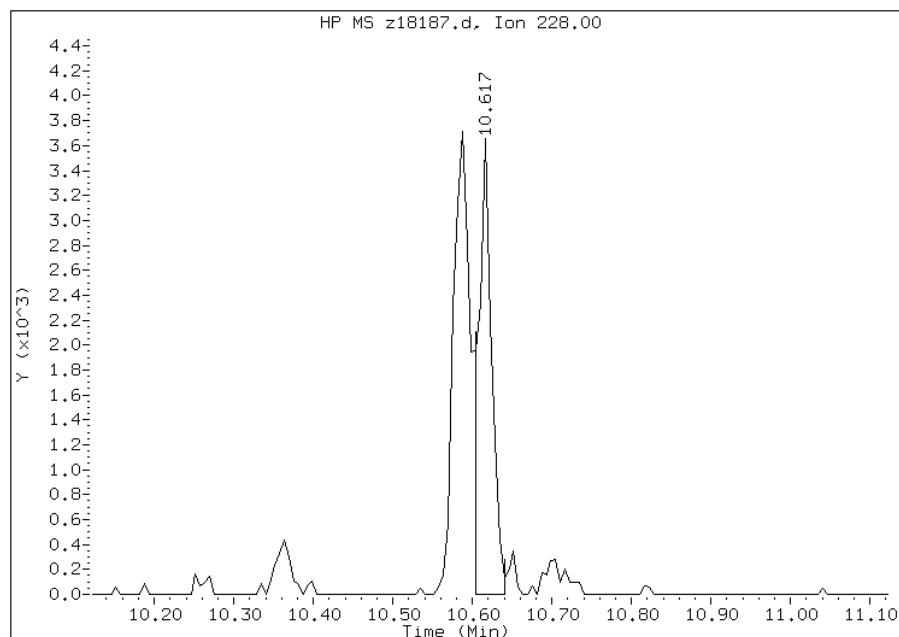


Manual Integration Report

Data File: z18187.d
Inj. Date and Time: 05-JUL-2011 17:39
Instrument ID: BNAMS11.i
Client ID: SP-2-SOLID
Compound: 62 Chrysene
CAS #: 218-01-9
Report Date: 07/07/2011

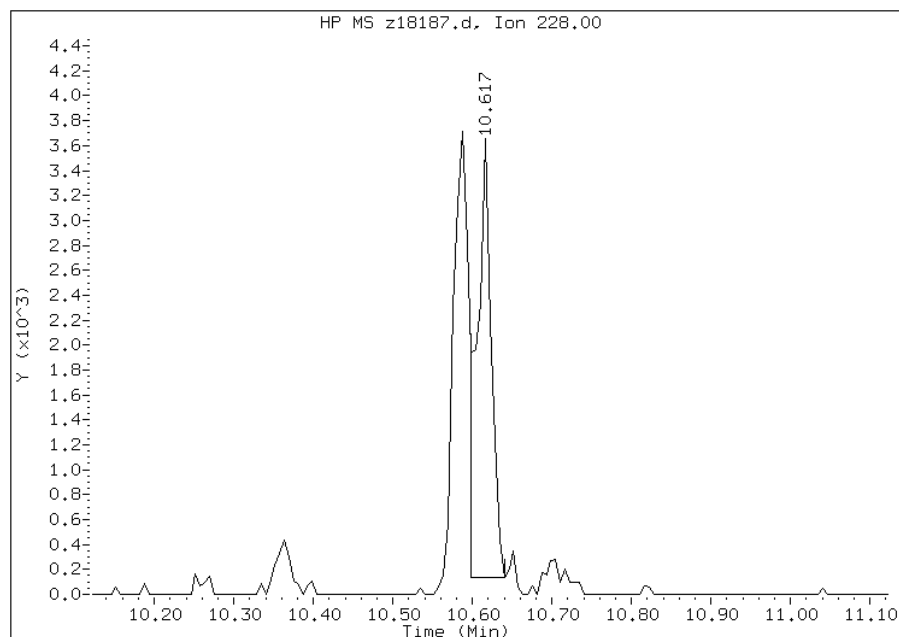
Processing Integration Results

RT: 10.62
Response: 4216
Amount: 0
Conc: 26



Manual Integration Results

RT: 10.62
Response: 4524
Amount: 0
Conc: 27



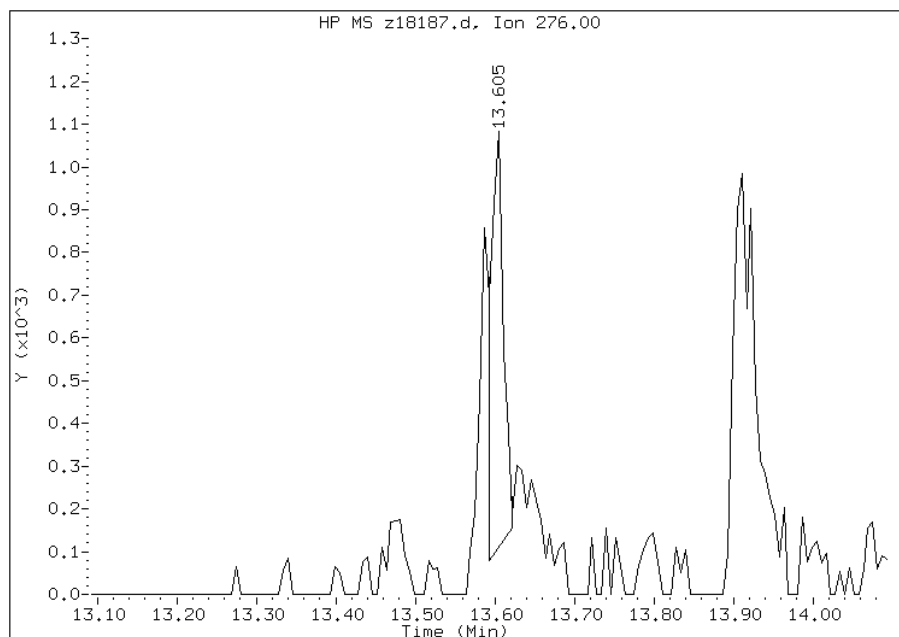
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z18187.d
Inj. Date and Time: 05-JUL-2011 17:39
Instrument ID: BNAMS11.i
Client ID: SP-2-SOLID
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/07/2011

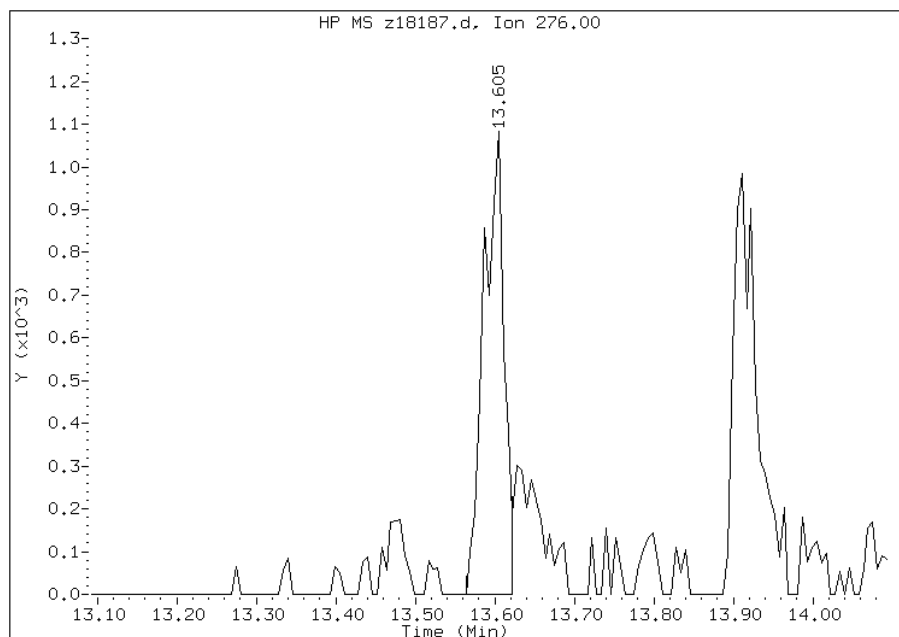
Processing Integration Results

RT: 13.60
Response: 1103
Amount: 0
Conc: 12



Manual Integration Results

RT: 13.60
Response: 1915
Amount: 0
Conc: 21



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-1-SOLID</u>	Lab Sample ID: <u>460-28327-9</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18194.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 13:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>07/05/2011 20:13</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>28.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	460	U	460	56
95-57-8	2-Chlorophenol	460	U	460	62
95-48-7	2-Methylphenol	460	U	460	66
106-44-5	4-Methylphenol	460	U	460	75
88-75-5	2-Nitrophenol	460	U	460	76
105-67-9	2,4-Dimethylphenol	460	U	460	74
120-83-2	2,4-Dichlorophenol	460	U	460	74
59-50-7	4-Chloro-3-methylphenol	460	U	460	77
88-06-2	2,4,6-Trichlorophenol	460	U	460	82
95-95-4	2,4,5-Trichlorophenol	460	U	460	89
51-28-5	2,4-Dinitrophenol	1400	U	1400	98
100-02-7	4-Nitrophenol	1400	U	1400	120
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	1400	220
87-86-5	Pentachlorophenol	1400	U	1400	230
111-44-4	Bis(2-chloroethyl)ether	46	U	46	9.6
541-73-1	1,3-Dichlorobenzene	460	U	460	63
106-46-7	1,4-Dichlorobenzene	460	U	460	69
95-50-1	1,2-Dichlorobenzene	460	U	460	74
621-64-7	N-Nitrosodi-n-propylamine	46	U	46	6.1
67-72-1	Hexachloroethane	46	U	46	7.8
98-95-3	Nitrobenzene	46	U	46	10
78-59-1	Isophorone	460	U	460	53
111-91-1	Bis(2-chloroethoxy)methane	460	U	460	66
120-82-1	1,2,4-Trichlorobenzene	46	U	46	7.5
91-20-3	Naphthalene	460	U	460	67
106-47-8	4-Chloroaniline	460	U	460	58
87-68-3	Hexachlorobutadiene	93	U	93	19
91-57-6	2-Methylnaphthalene	460	U	460	67
77-47-4	Hexachlorocyclopentadiene	460	U	460	130
91-58-7	2-Chloronaphthalene	460	U	460	65
88-74-4	2-Nitroaniline	930	U	930	130
131-11-3	Dimethyl phthalate	460	U	460	62
208-96-8	Acenaphthylene	460	U	460	66
606-20-2	2,6-Dinitrotoluene	93	U	93	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>SP-1-SOLID</u>	Lab Sample ID: <u>460-28327-9</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18194.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 13:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>07/05/2011 20:13</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>28.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	930	U	930	100
83-32-9	Acenaphthene	460	U	460	66
132-64-9	Dibenzofuran	460	U	460	69
121-14-2	2,4-Dinitrotoluene	93	U	93	13
84-66-2	Diethyl phthalate	460	U	460	62
7005-72-3	4-Chlorophenyl phenyl ether	460	U	460	79
86-73-7	Fluorene	460	U	460	78
100-01-6	4-Nitroaniline	930	U	930	95
86-30-6	N-Nitrosodiphenylamine	460	U	460	75
101-55-3	4-Bromophenyl phenyl ether	460	U	460	82
118-74-1	Hexachlorobenzene	46	U	46	6.4
85-01-8	Phenanthrene	460	U	460	80
120-12-7	Anthracene	460	U	460	81
86-74-8	Carbazole	460	U	460	73
84-74-2	Di-n-butyl phthalate	460	U	460	70
206-44-0	Fluoranthene	130	J	460	77
129-00-0	Pyrene	120	J	460	80
85-68-7	Butyl benzyl phthalate	460	U	460	54
91-94-1	3,3'-Dichlorobenzidine	930	U	930	100
56-55-3	Benzo[a]anthracene	77		46	8.5
218-01-9	Chrysene	97	J	460	67
117-81-7	Bis(2-ethylhexyl) phthalate	460	U	460	61
117-84-0	Di-n-octyl phthalate	460	U	460	55
205-99-2	Benzo[b]fluoranthene	110		46	6.9
207-08-9	Benzo[k]fluoranthene	53		46	6.4
50-32-8	Benzo[a]pyrene	94		46	5.7
193-39-5	Indeno[1,2,3-cd]pyrene	98		46	7.4
53-70-3	Dibenz(a,h)anthracene	18	J	46	5.5
191-24-2	Benzo[g,h,i]perylene	79	J	460	49
108-60-1	bis (2-chloroisopropyl) ether	460	U	460	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: SP-1-SOLID Lab Sample ID: 460-28327-9
Matrix: Solid Lab File ID: z18194.d
Analysis Method: 8270C Date Collected: 06/30/2011 13:15
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2011 20:13
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 28.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	67		41-118
1718-51-0	Terphenyl-d14	87		16-151
118-79-6	2,4,6-Tribromophenol	58		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18194.d
 Report Date: 06-Jul-2011 13:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18194.d
 Lab Smp Id: 460-28327-B-9-B Client Smp ID: SP-1-SOLID
 Inj Date : 05-JUL-2011 20:13
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-28327-B-9-B
 Misc Info : 460-28327-B-9-B
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 26
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	28.18898	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.311	2.276	(0.659)	1087473	65.1882	6000
\$ 17 Phenol-d5 (SUR)	99	3.182	3.170	(0.908)	1329148	67.1236	6200
* 79 1,4-Dichlorobenzene-d4	152	3.505	3.505	(1.000)	535720	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.076	4.076	(0.848)	638070	35.1220	3300
15 Benzoic Acid	122	4.641	4.635	(0.966)	1856	0.32831	30(aM)
* 80 Naphthalene-d8	136	4.805	4.805	(1.000)	1741701	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.902)	946663	36.6521	3400
* 82 Acenaphthene-d10	164	6.552	6.558	(1.000)	738789	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.329	7.329	(1.118)	144259	58.1357	5400
14 Pentachlorophenol	266	7.846	7.834	(0.981)	1120	0.50651	47(a)
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	833005	40.0000	
52 Phenanthrene	178	8.017	8.017	(1.002)	11866	0.50975	47(a)
53 Anthracene	178	8.070	8.070	(1.009)	2380	0.10192	9.5(a)

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18194.d
 Report Date: 06-Jul-2011 13:08

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	=====
56 Fluoranthene	202		9.176	9.175	(1.147)	27243	1.41862	130(a)
57 Pyrene	202		9.387	9.387	(0.886)	25521	1.32246	120(a)
\$ 78 Terphenyl-d14	244		9.570	9.570	(0.903)	495185	43.2944	4000
61 Benzo(a)anthracene	228		10.581	10.587	(0.999)	10793	0.82494	76
* 81 Chrysene-d12	240		10.593	10.593	(1.000)	480419	40.0000	
62 Chrysene	228		10.617	10.622	(1.002)	12688	1.04739	97(a)
65 Benzo(b)fluoranthene	252		11.805	11.805	(0.962)	13659	1.20525	110
66 Benzo(k)fluoranthene	252		11.828	11.834	(0.964)	6684	0.57150	53(M)
67 Benzo(a)pyrene	252		12.193	12.193	(0.994)	8922	1.01559	94
* 84 Perylene-d12	264		12.270	12.264	(1.000)	401881	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		13.587	13.593	(1.107)	7889	1.05084	98
69 Dibenz(a,h)anthracene	278		13.622	13.628	(1.110)	1547	0.19126	18(a)
70 Benzo(g,h,i)perylene	276		13.905	13.911	(1.133)	7288	0.84915	79(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: z18194.d

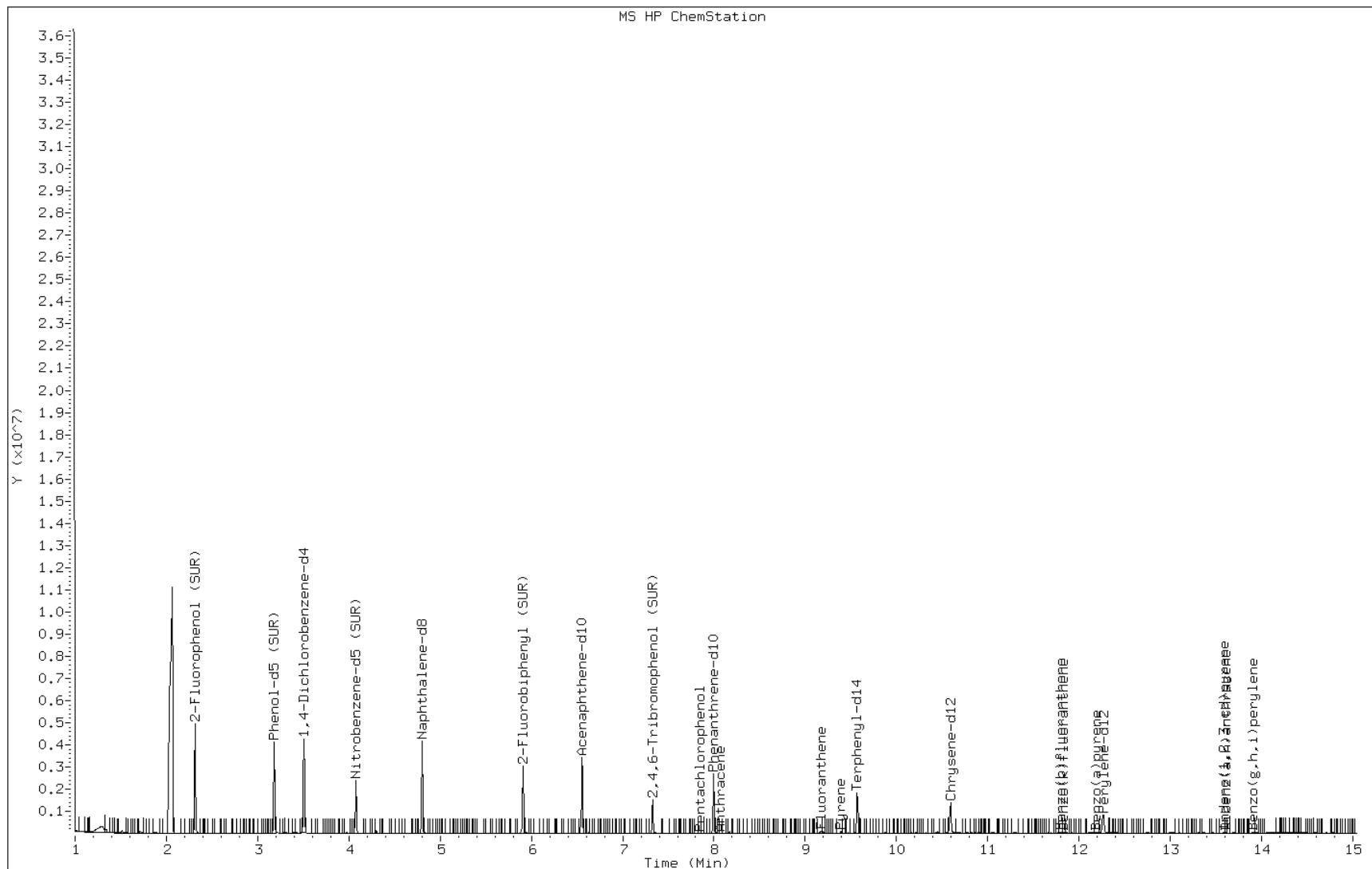
Date: 05-JUL-2011 20:13

Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4



Data File: z18194.d

Date: 05-JUL-2011 20:13

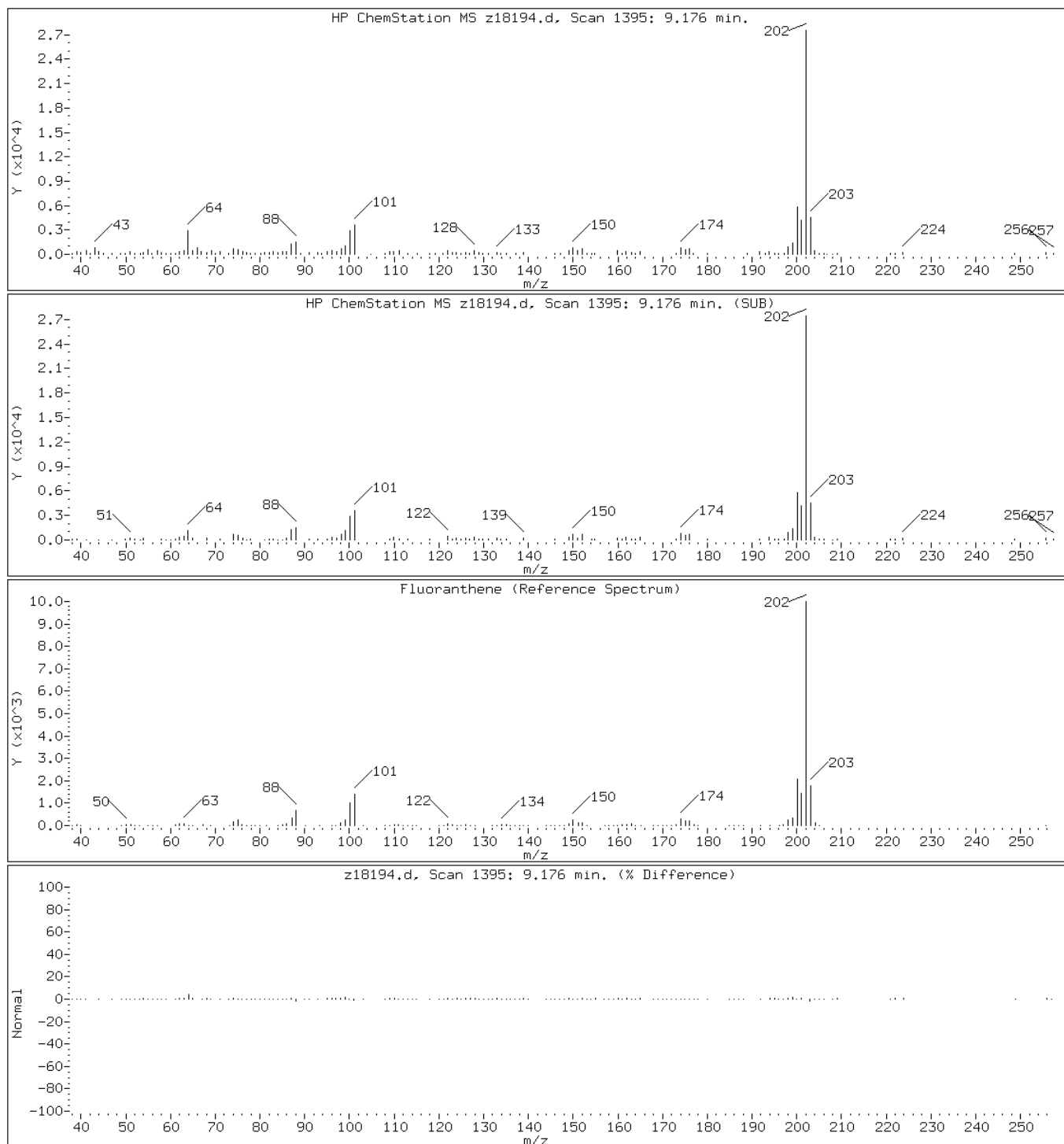
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

56 Fluoranthene



Data File: z18194.d

Date: 05-JUL-2011 20:13

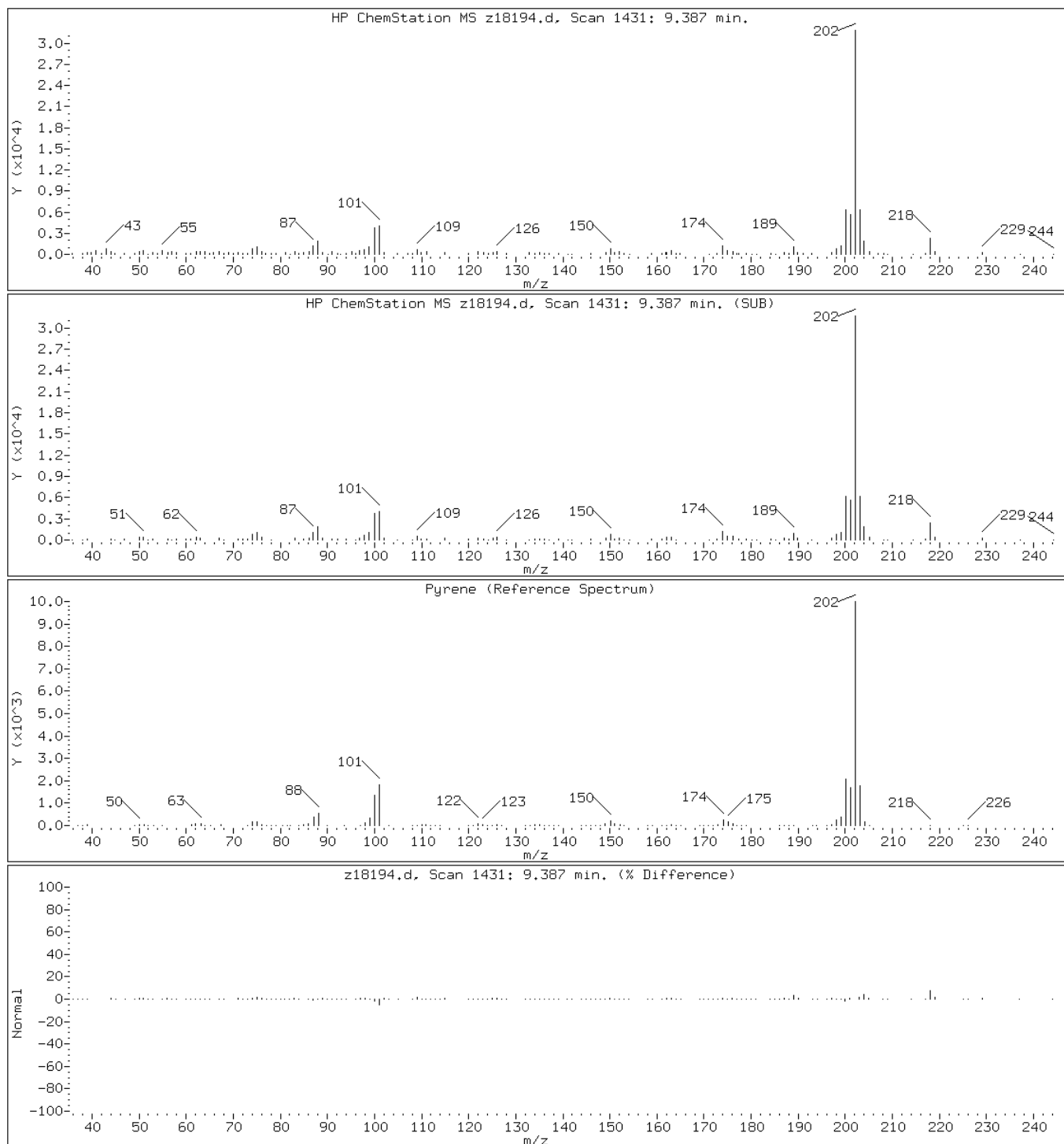
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

57 Pyrene



Data File: z18194.d

Date: 05-JUL-2011 20:13

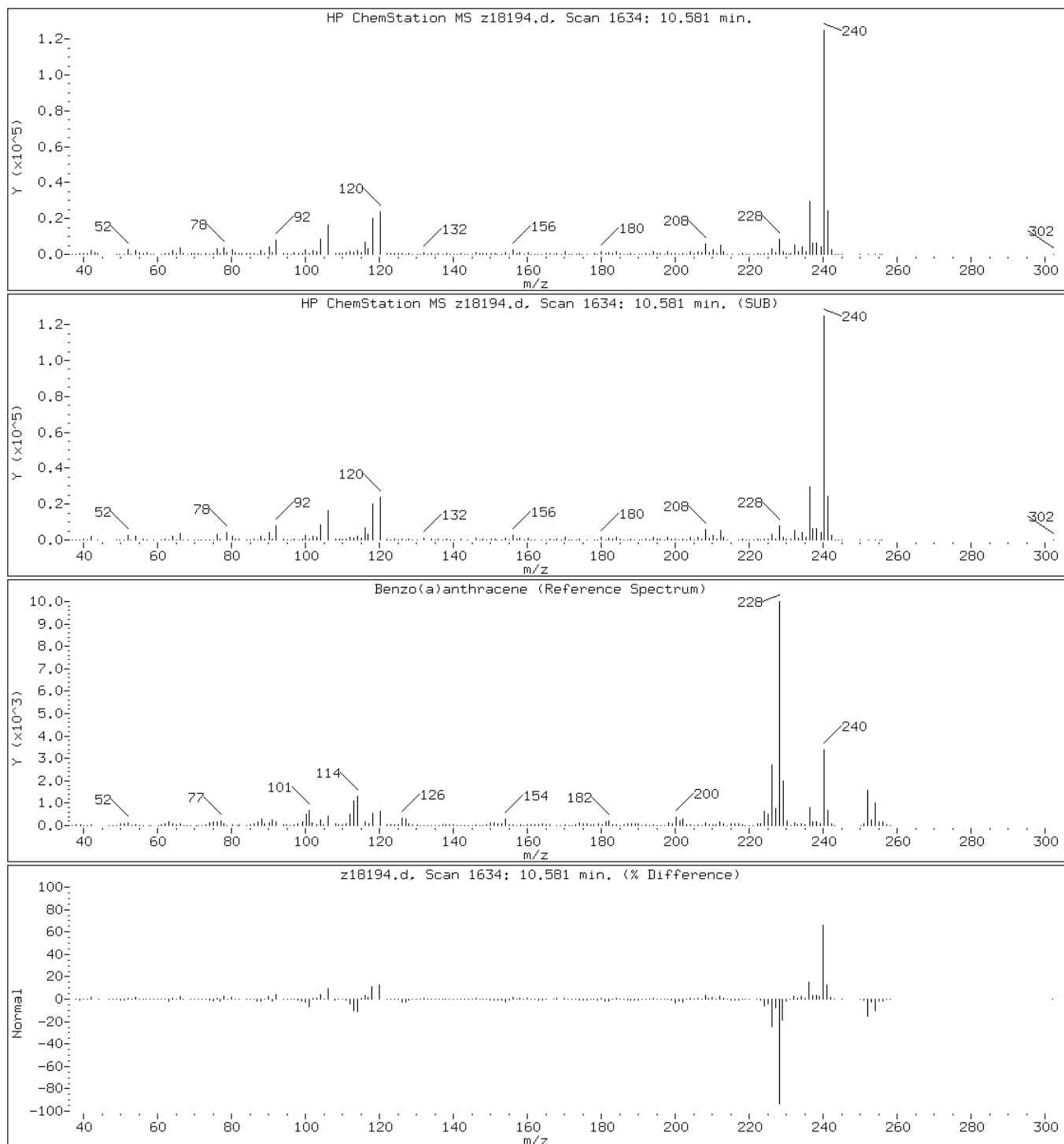
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z18194.d

Date: 05-JUL-2011 20:13

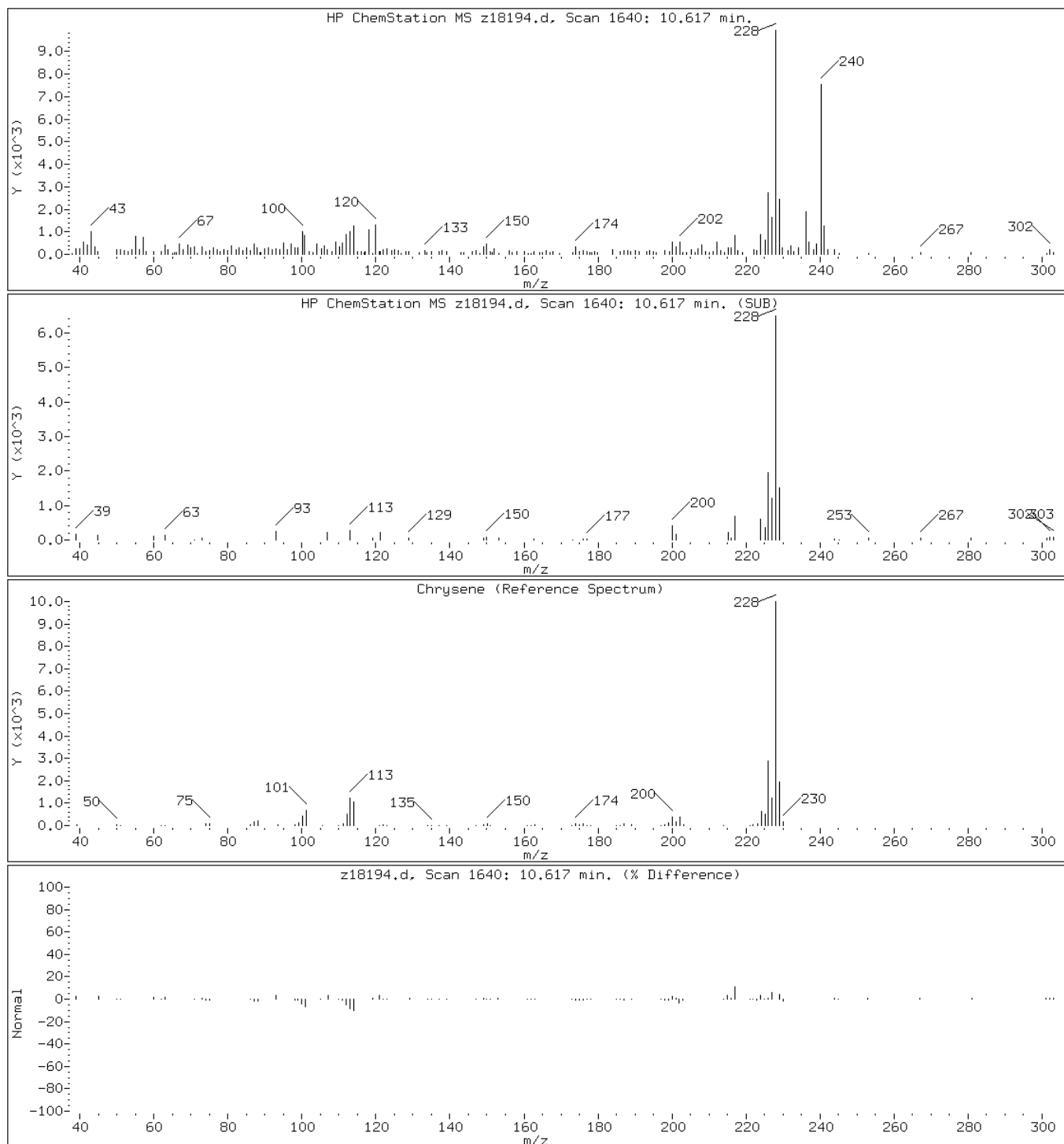
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

62 Chrysene



Data File: z18194.d

Date: 05-JUL-2011 20:13

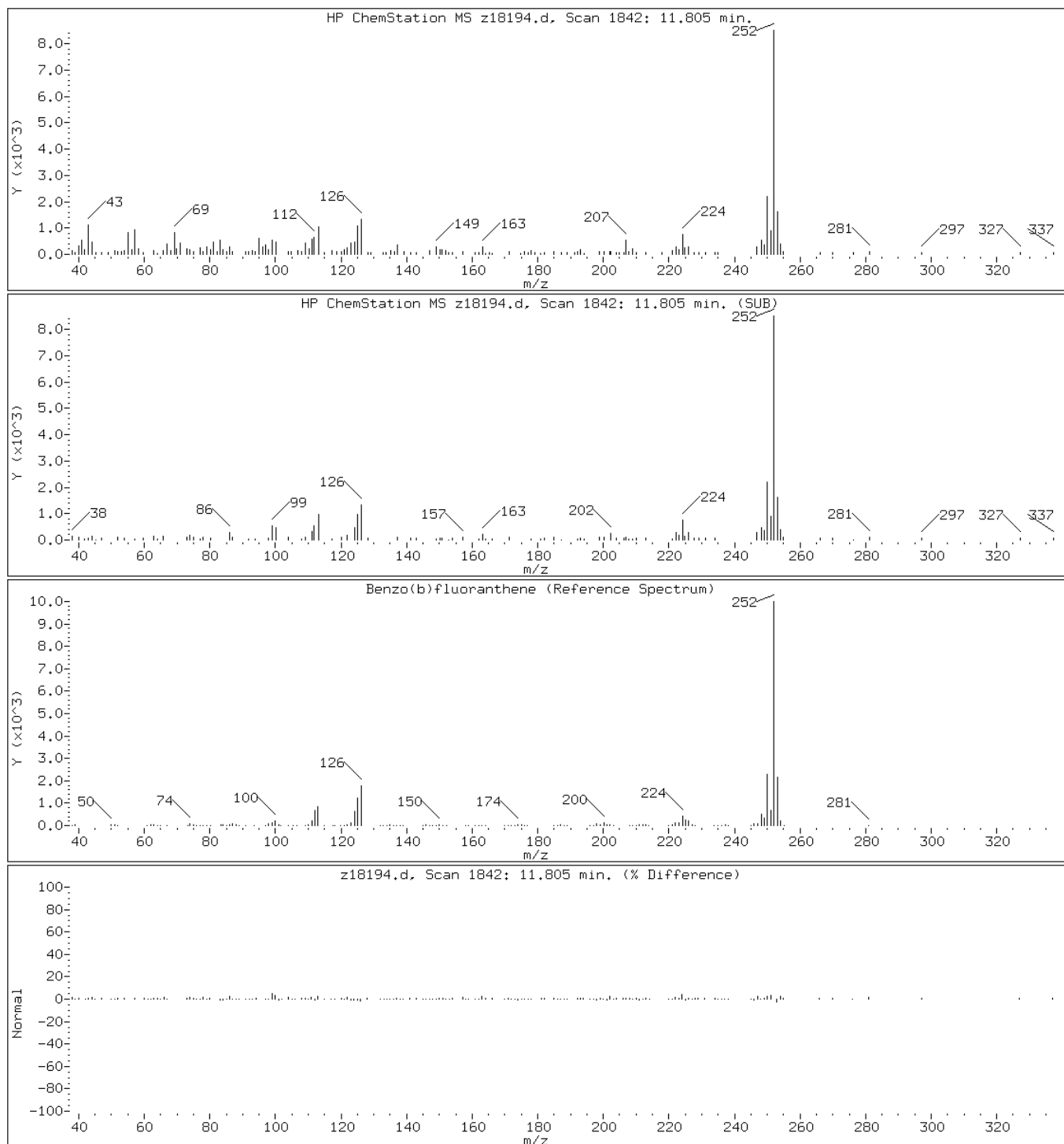
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z18194.d

Date: 05-JUL-2011 20:13

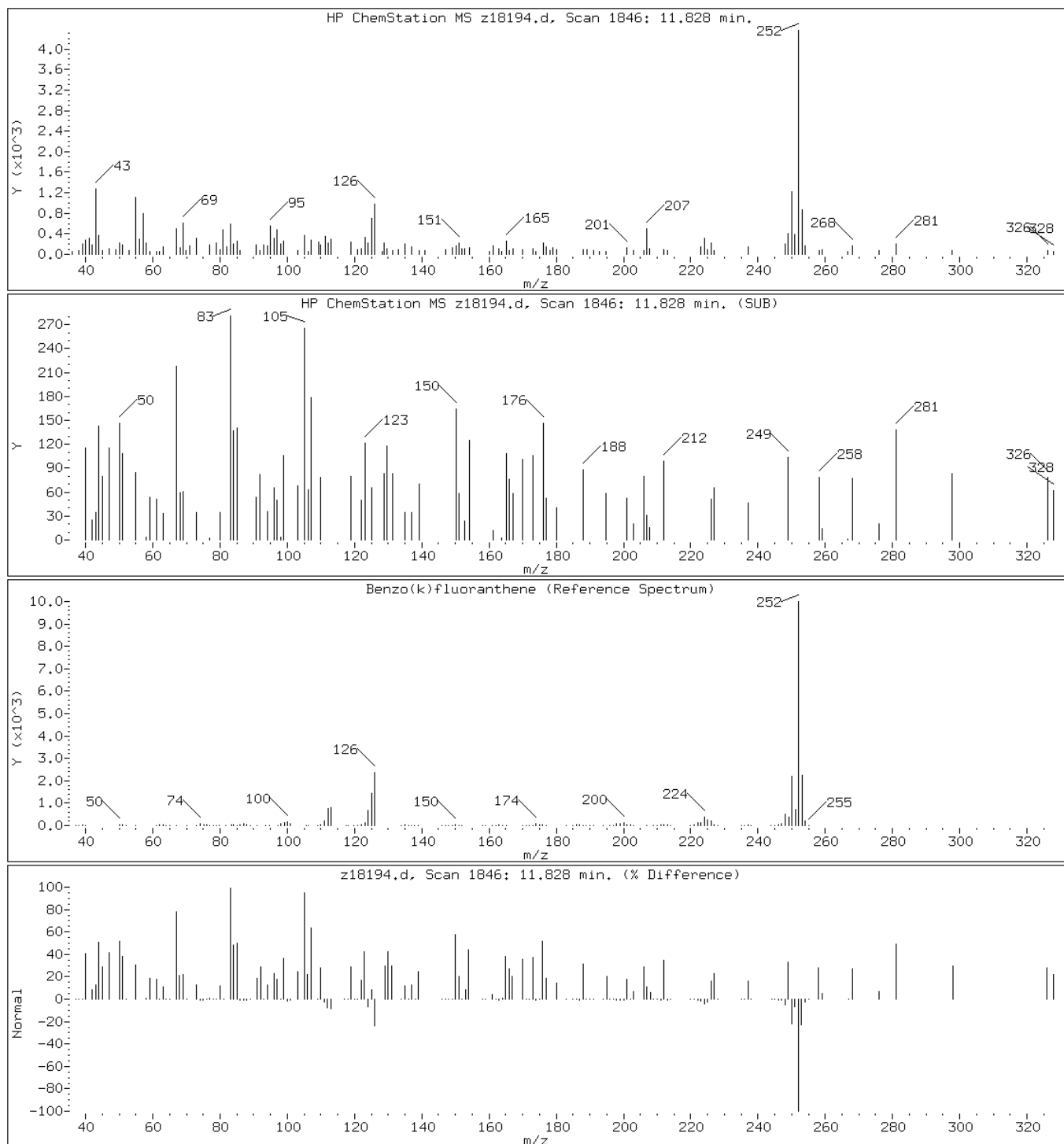
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z18194.d

Date: 05-JUL-2011 20:13

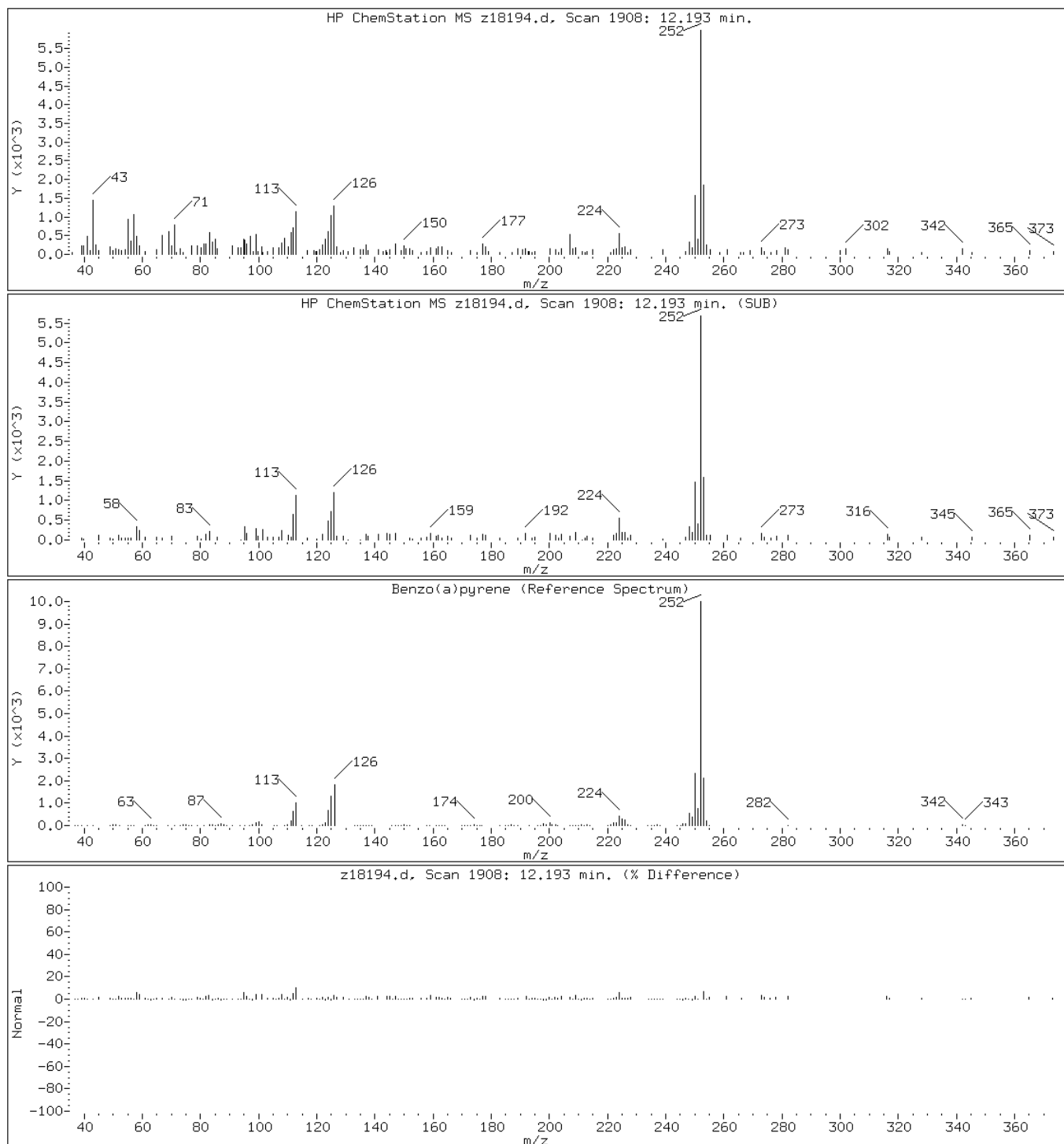
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z18194.d

Date: 05-JUL-2011 20:13

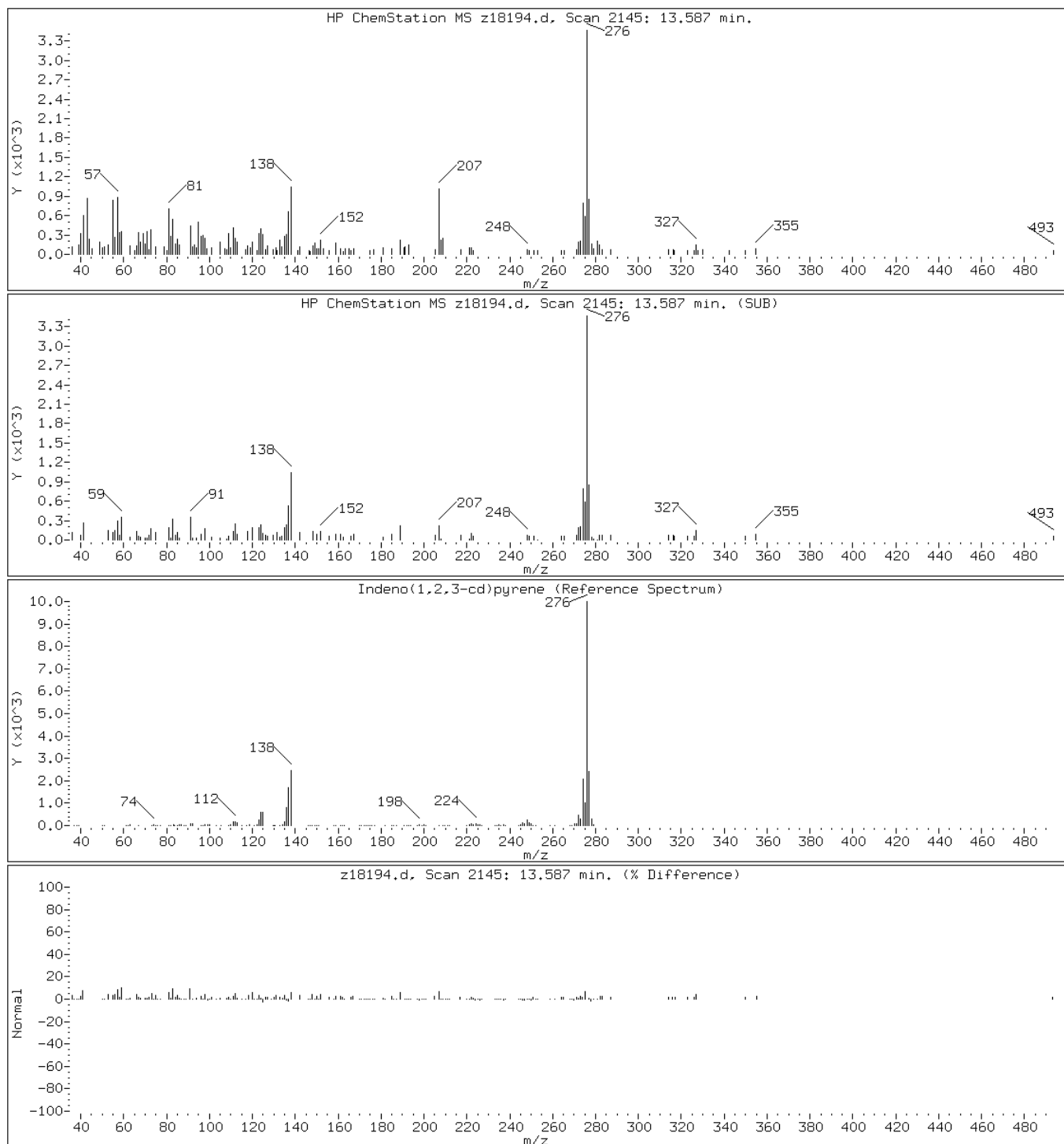
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z18194.d

Date: 05-JUL-2011 20:13

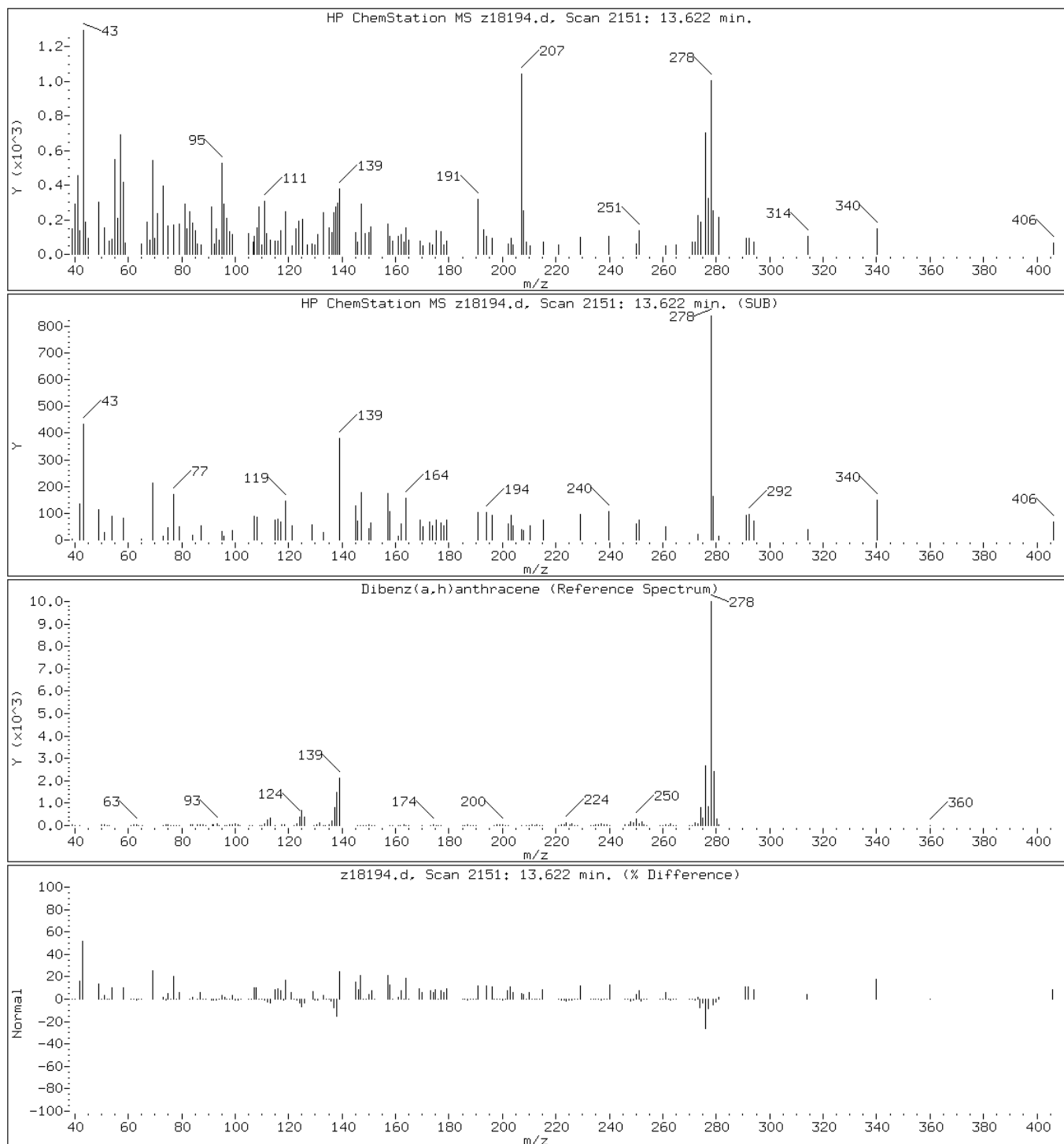
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z18194.d

Date: 05-JUL-2011 20:13

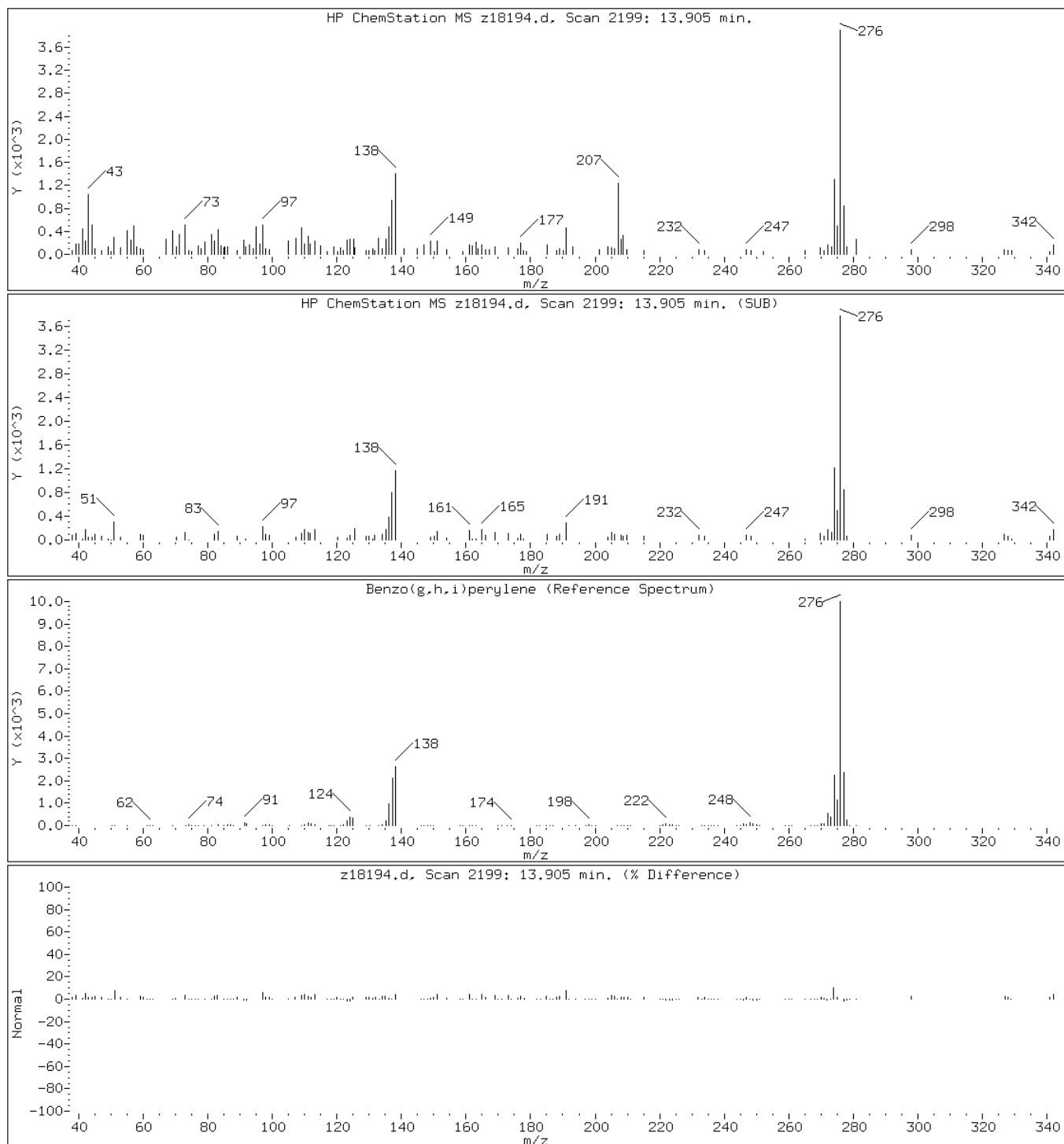
Client ID: SP-1-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-9-B

Operator: BNAMS 4

70 Benzo(g,h,i)perylene

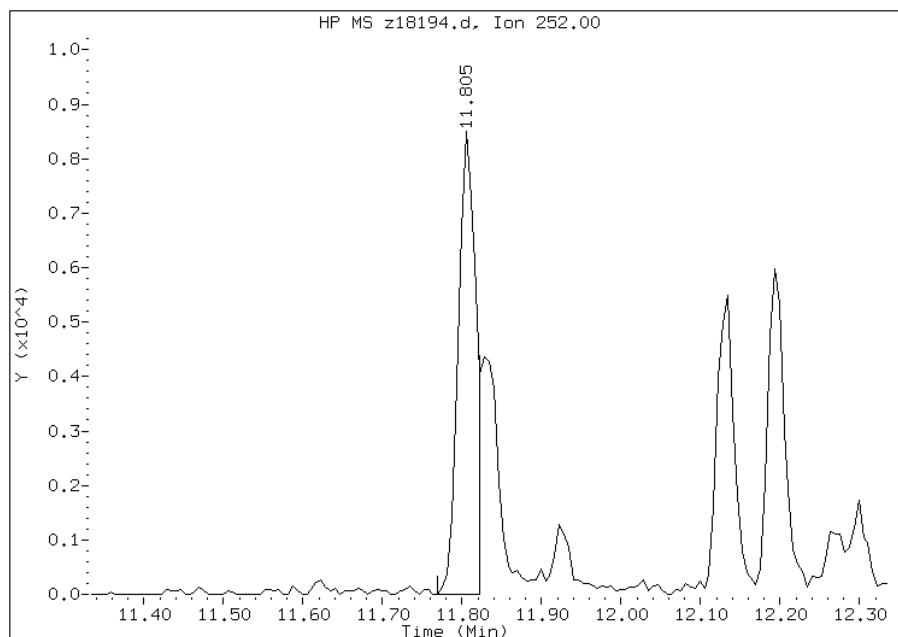


Manual Integration Report

Data File: z18194.d
Inj. Date and Time: 05-JUL-2011 20:13
Instrument ID: BNAMS11.i
Client ID: SP-1-SOLID
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 07/07/2011

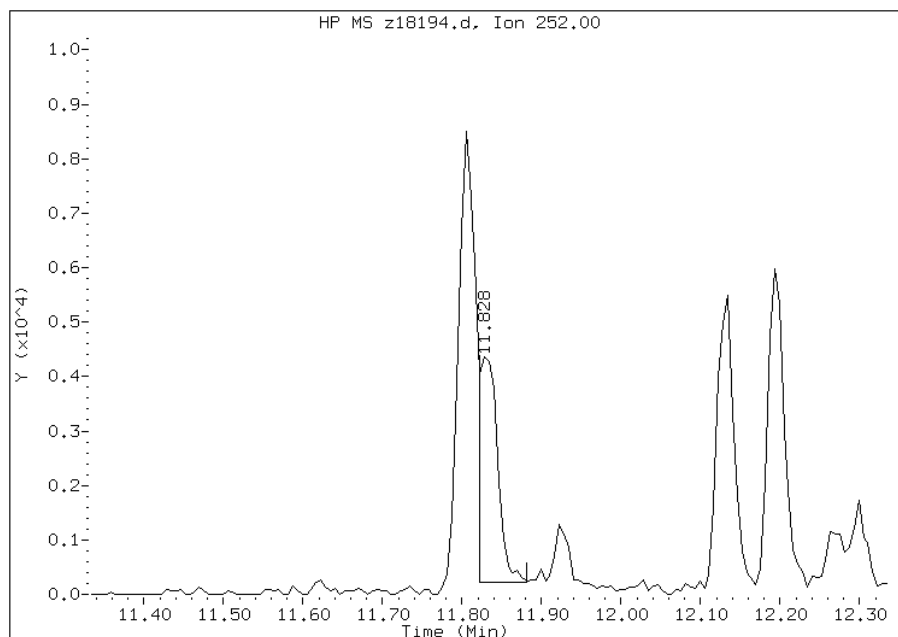
Processing Integration Results

RT: 11.80
Response: 13659
Amount: 1
Conc: 108



Manual Integration Results

RT: 11.83
Response: 6684
Amount: 1
Conc: 53



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>DUPE-SOLID</u>	Lab Sample ID: <u>460-28327-10</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18195.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>07/05/2011 20:35</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>13.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	63
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
88-06-2	2,4,6-Trichlorophenol	380	U	380	69
95-95-4	2,4,5-Trichlorophenol	380	U	380	74
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
100-02-7	4-Nitrophenol	1200	U	1200	98
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
87-86-5	Pentachlorophenol	1200	U	1200	190
111-44-4	Bis(2-chloroethyl)ether	38	U	38	8.0
541-73-1	1,3-Dichlorobenzene	380	U	380	52
106-46-7	1,4-Dichlorobenzene	380	U	380	57
95-50-1	1,2-Dichlorobenzene	380	U	380	61
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.1
67-72-1	Hexachloroethane	38	U	38	6.5
98-95-3	Nitrobenzene	38	U	38	8.6
78-59-1	Isophorone	380	U	380	44
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	55
120-82-1	1,2,4-Trichlorobenzene	38	U	38	6.3
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	78	U	78	16
91-57-6	2-Methylnaphthalene	380	U	380	56
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	780	U	780	100
131-11-3	Dimethyl phthalate	380	U	380	52
208-96-8	Acenaphthylene	380	U	380	55
606-20-2	2,6-Dinitrotoluene	78	U	78	9.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: <u>DUPE-SOLID</u>	Lab Sample ID: <u>460-28327-10</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18195.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/30/2011 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>07/05/2011 20:35</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>13.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	780	U	780	87
83-32-9	Acenaphthene	380	U	380	55
132-64-9	Dibenzofuran	380	U	380	58
121-14-2	2,4-Dinitrotoluene	78	U	78	11
84-66-2	Diethyl phthalate	380	U	380	51
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	66
86-73-7	Fluorene	380	U	380	65
100-01-6	4-Nitroaniline	780	U	780	79
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
118-74-1	Hexachlorobenzene	38	U	38	5.3
85-01-8	Phenanthrene	85	J	380	67
120-12-7	Anthracene	380	U	380	68
86-74-8	Carbazole	380	U	380	61
84-74-2	Di-n-butyl phthalate	380	U	380	59
206-44-0	Fluoranthene	230	J	380	64
129-00-0	Pyrene	220	J	380	66
85-68-7	Butyl benzyl phthalate	380	U	380	45
91-94-1	3,3'-Dichlorobenzidine	780	U	780	85
56-55-3	Benzo[a]anthracene	120		38	7.1
218-01-9	Chrysene	150	J	380	56
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
205-99-2	Benzo[b]fluoranthene	170		38	5.7
207-08-9	Benzo[k]fluoranthene	59		38	5.4
50-32-8	Benzo[a]pyrene	150		38	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	100		38	6.1
53-70-3	Dibenz(a,h)anthracene	17	J	38	4.6
191-24-2	Benzo[g,h,i]perylene	82	J	380	40
108-60-1	bis (2-chloroisopropyl) ether	380	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: DUPE-SOLID Lab Sample ID: 460-28327-10
Matrix: Solid Lab File ID: z18195.d
Analysis Method: 8270C Date Collected: 06/30/2011 00:00
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.04(g) Date Analyzed: 07/05/2011 20:35
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 13.8 GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	96		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	80		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18195.d
 Report Date: 06-Jul-2011 13:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18195.d
 Lab Smp Id: 460-28327-B-10-B Client Smp ID: DUPE-SOLID
 Inj Date : 05-JUL-2011 20:35
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-28327-B-10-B
 Misc Info : 460-28327-B-10-B
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 27
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	13.82637	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)	112	2.317	2.276	(0.661)	1502108	78.5598	6100
\$ 17 Phenol-d5 (SUR)	99	3.188	3.170	(0.909)	1812044	79.8397	6200
* 79 1,4-Dichlorobenzene-d4	152	3.505	3.505	(1.000)	614030	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.076	4.076	(0.848)	897076	40.8159	3100
* 80 Naphthalene-d8	136	4.805	4.805	(1.000)	2107095	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.901)	1374738	40.0694	3100
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	981368	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.329	7.329	(1.117)	214561	65.0937	5000
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	1204078	40.0000	
52 Phenanthrene	178	8.017	8.017	(1.002)	37029	1.10049	85(a)
53 Anthracene	178	8.070	8.070	(1.009)	5081	0.15053	12(a)
56 Fluoranthene	202	9.175	9.175	(1.147)	84098	3.02963	230(a)
57 Pyrene	202	9.387	9.387	(0.886)	71762	2.88831	220(a)

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18195.d
 Report Date: 06-Jul-2011 13:09

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 78 Terphenyl-d14	244	9.575	9.570	(0.904)	709831	48.2043	3700
61 Benzo(a)anthracene	228	10.581	10.587	(0.999)	26237	1.55762	120
* 81 Chrysene-d12	240	10.593	10.593	(1.000)	618521	40.0000	
62 Chrysene	228	10.622	10.622	(1.003)	31122	1.99548	150(a)
65 Benzo(b)fluoranthene	252	11.805	11.805	(0.962)	29131	2.23601	170
66 Benzo(k)fluoranthene	252	11.834	11.834	(0.965)	10219	0.76008	59(M)
67 Benzo(a)pyrene	252	12.193	12.193	(0.994)	19435	1.92442	150
* 84 Perylene-d12	264	12.269	12.264	(1.000)	461997	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.587	13.593	(1.107)	11451	1.32627	100
69 Dibenzo(a,h)anthracene	278	13.622	13.628	(1.110)	2090	0.22477	17(a)
70 Benzo(g,h,i)perylene	276	13.910	13.911	(1.134)	10508	1.06502	82(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: z18195.d

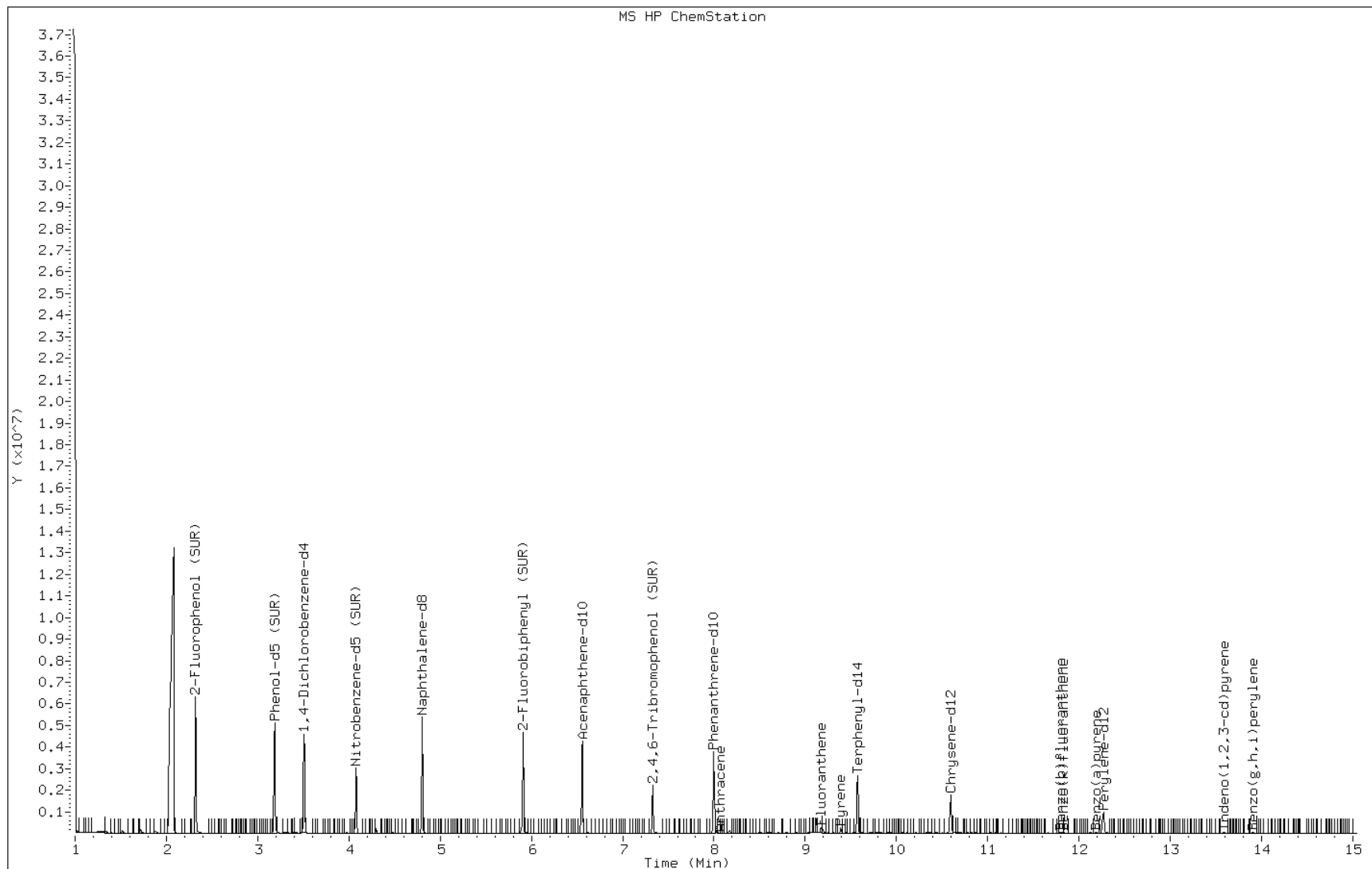
Date: 05-JUL-2011 20:35

Client ID: DUPE-SOLID

Sample Info: 460-28327-B-10-B

Instrument: BNAMS11.i

Operator: BNAMS 4



Data File: z18195.d

Date: 05-JUL-2011 20:35

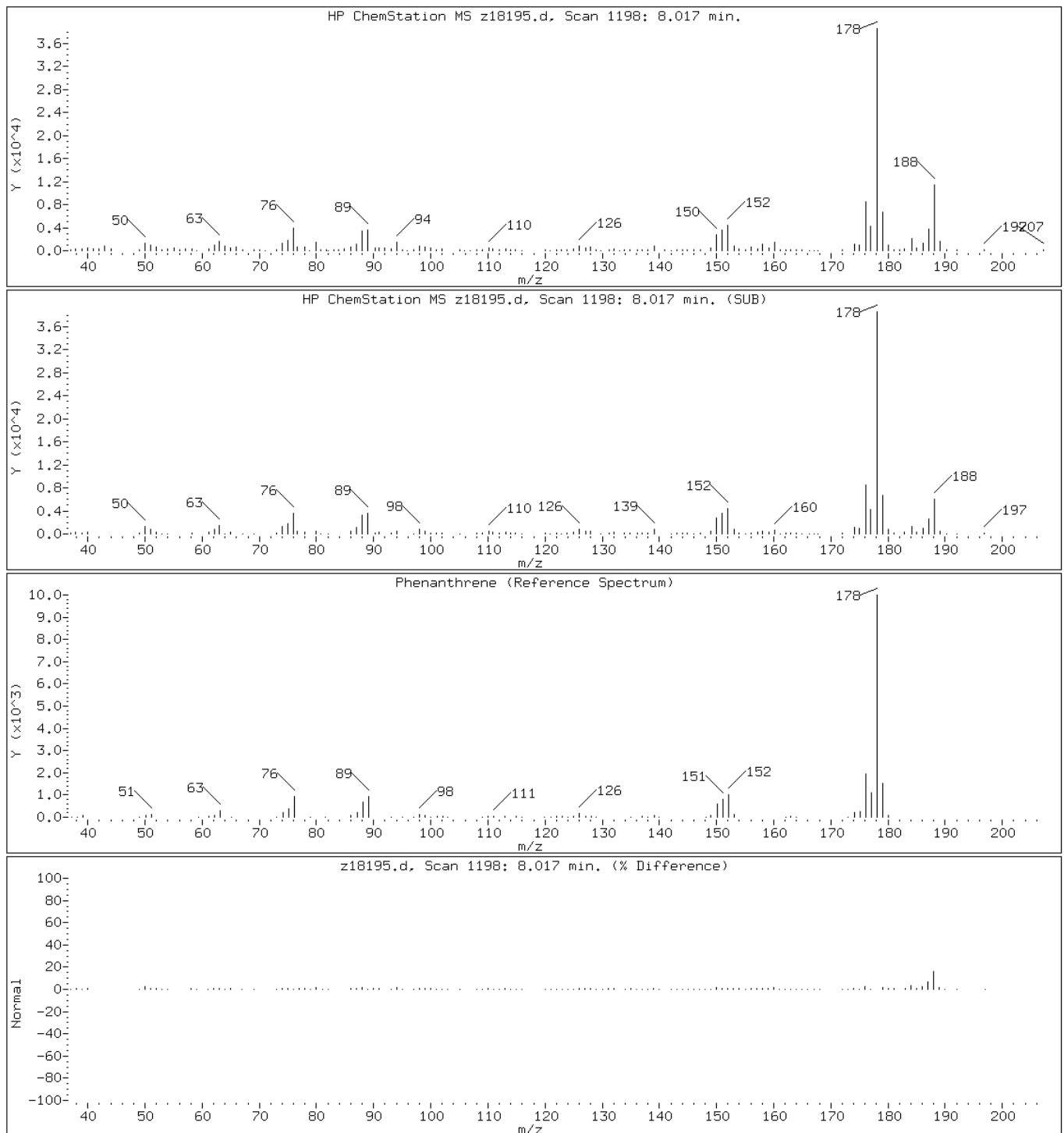
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

52 Phenanthrene



Data File: z18195.d

Date: 05-JUL-2011 20:35

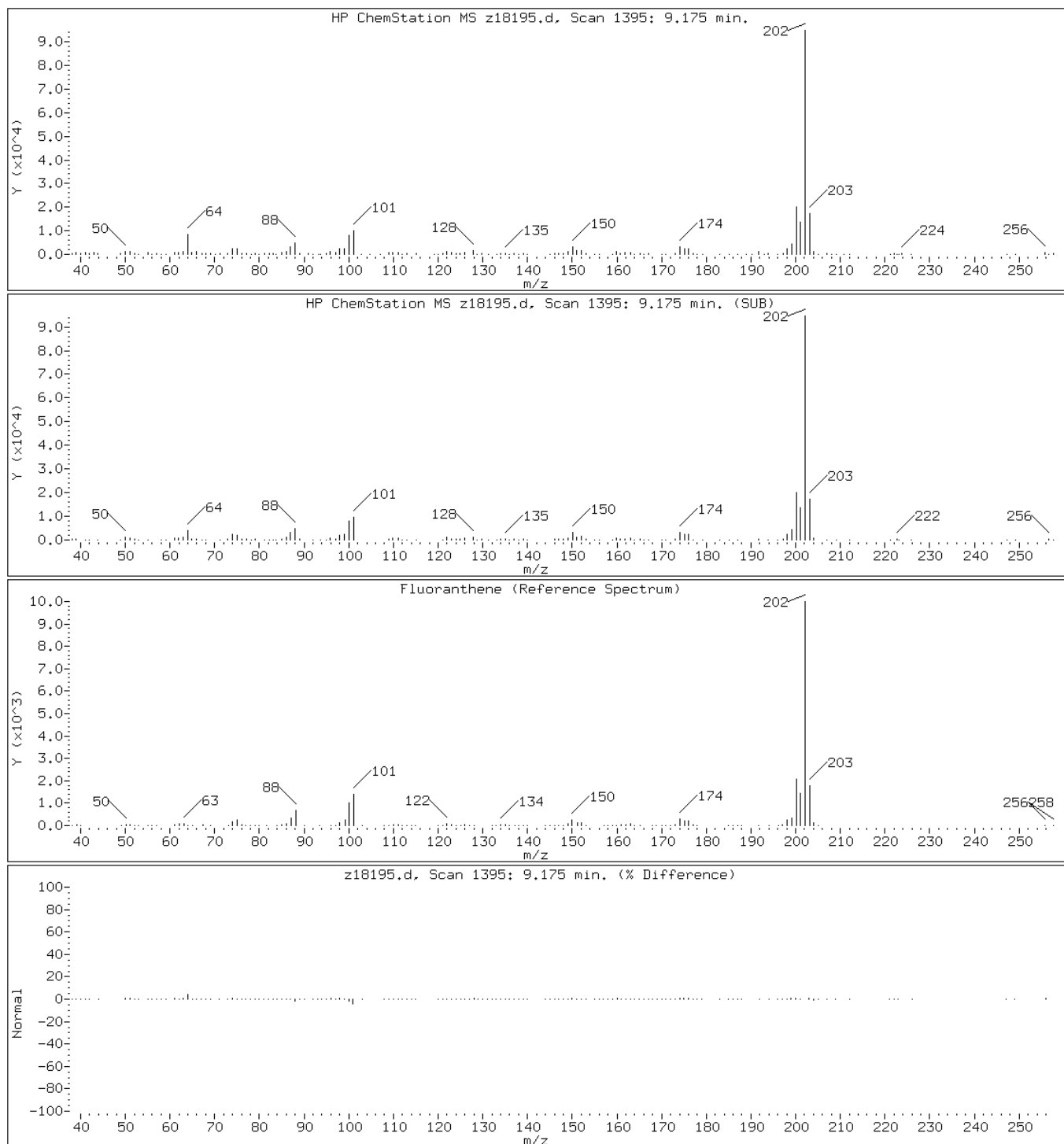
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

56 Fluoranthene



Data File: z18195.d

Date: 05-JUL-2011 20:35

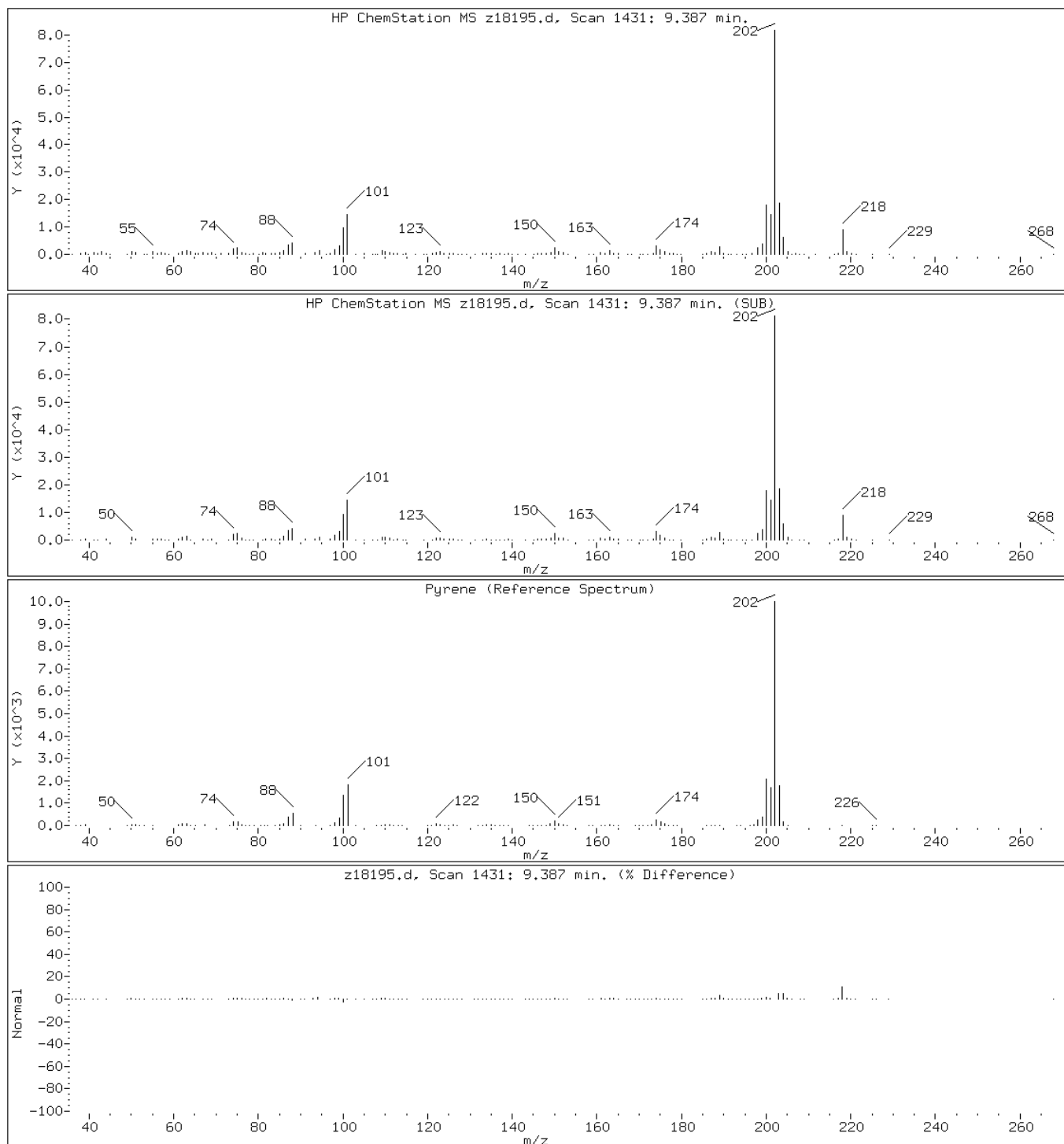
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

57 Pyrene



Data File: z18195.d

Date: 05-JUL-2011 20:35

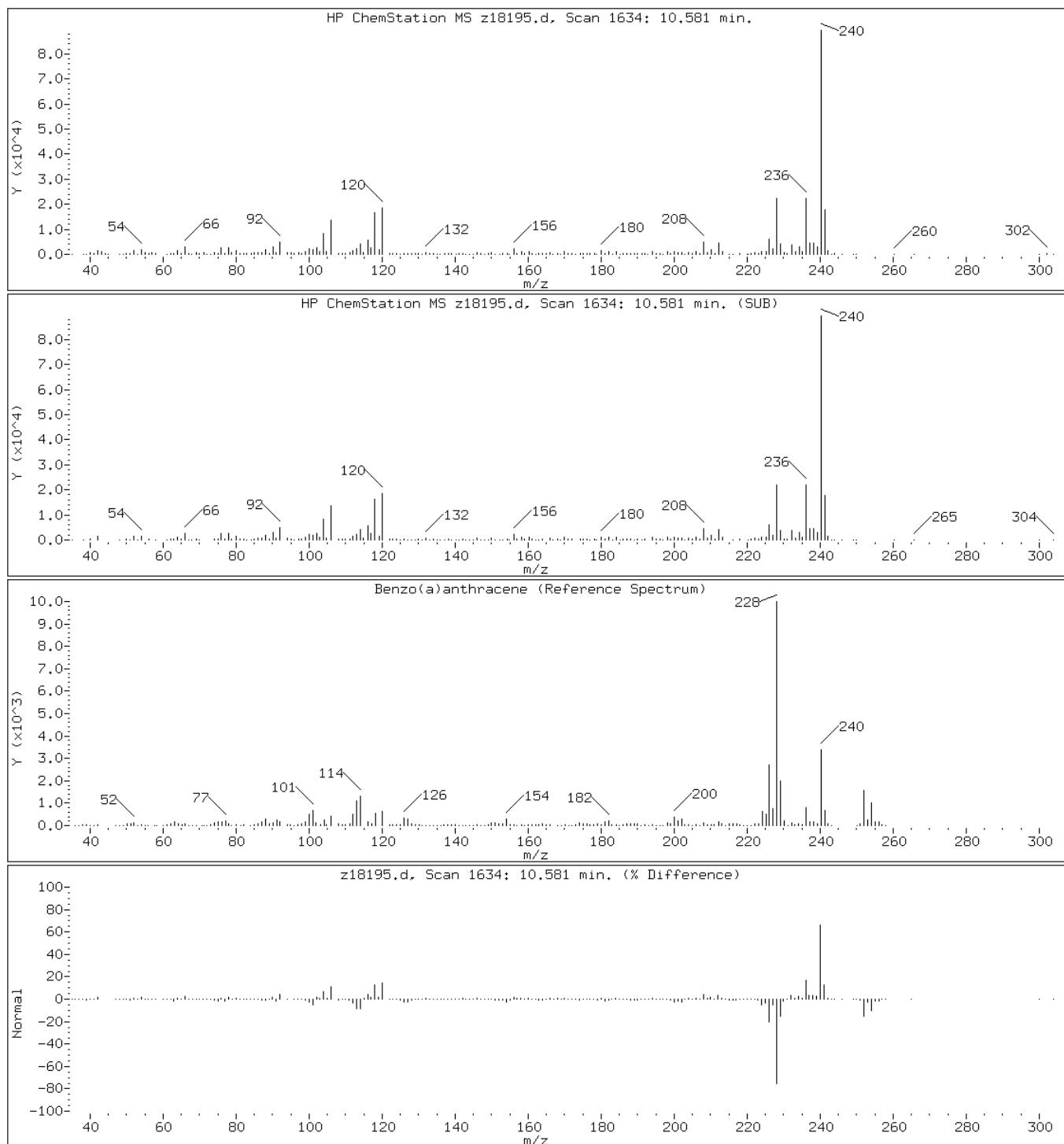
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: z18195.d

Date: 05-JUL-2011 20:35

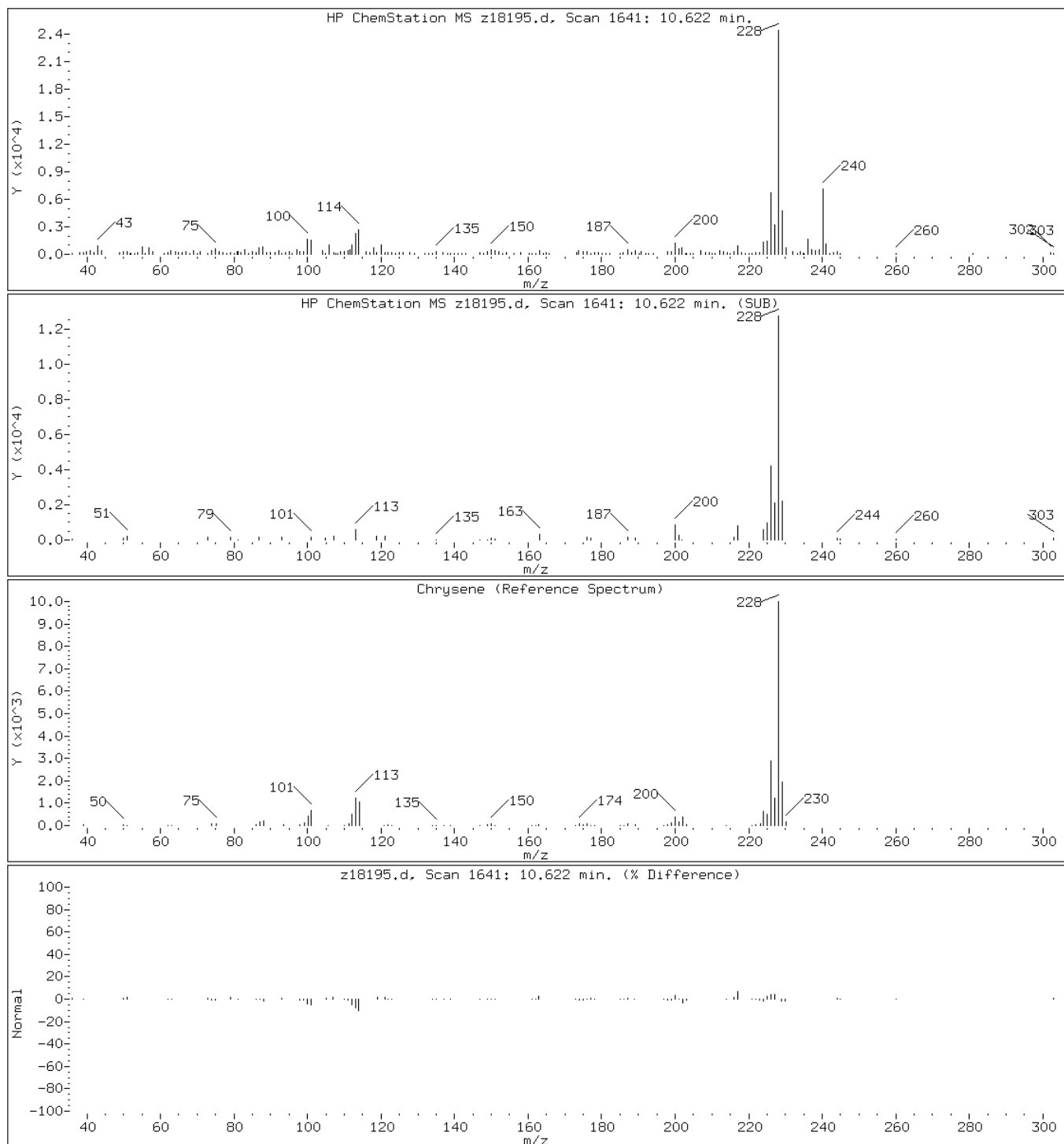
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

62 Chrysene



Data File: z18195.d

Date: 05-JUL-2011 20:35

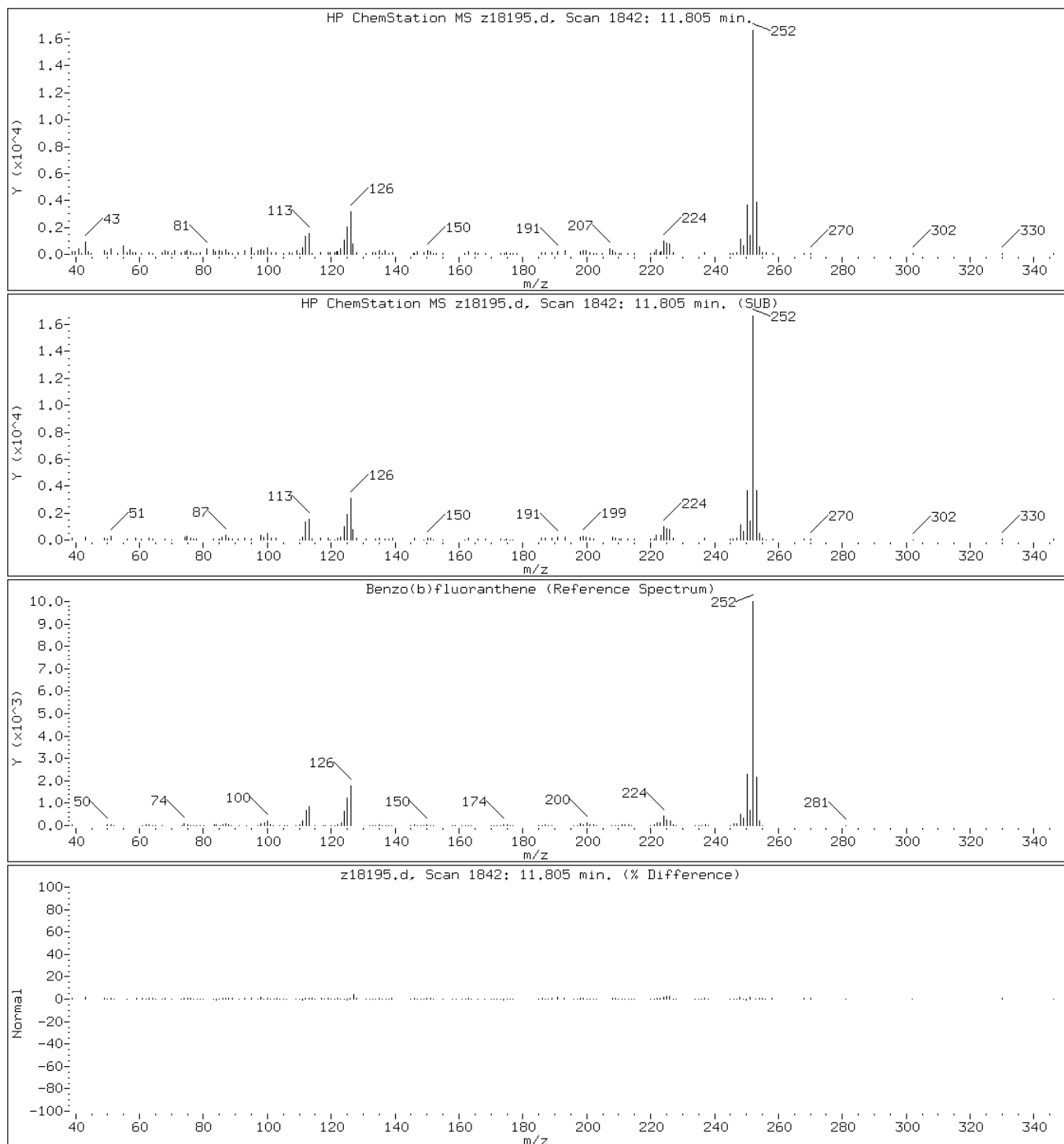
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z18195.d

Date: 05-JUL-2011 20:35

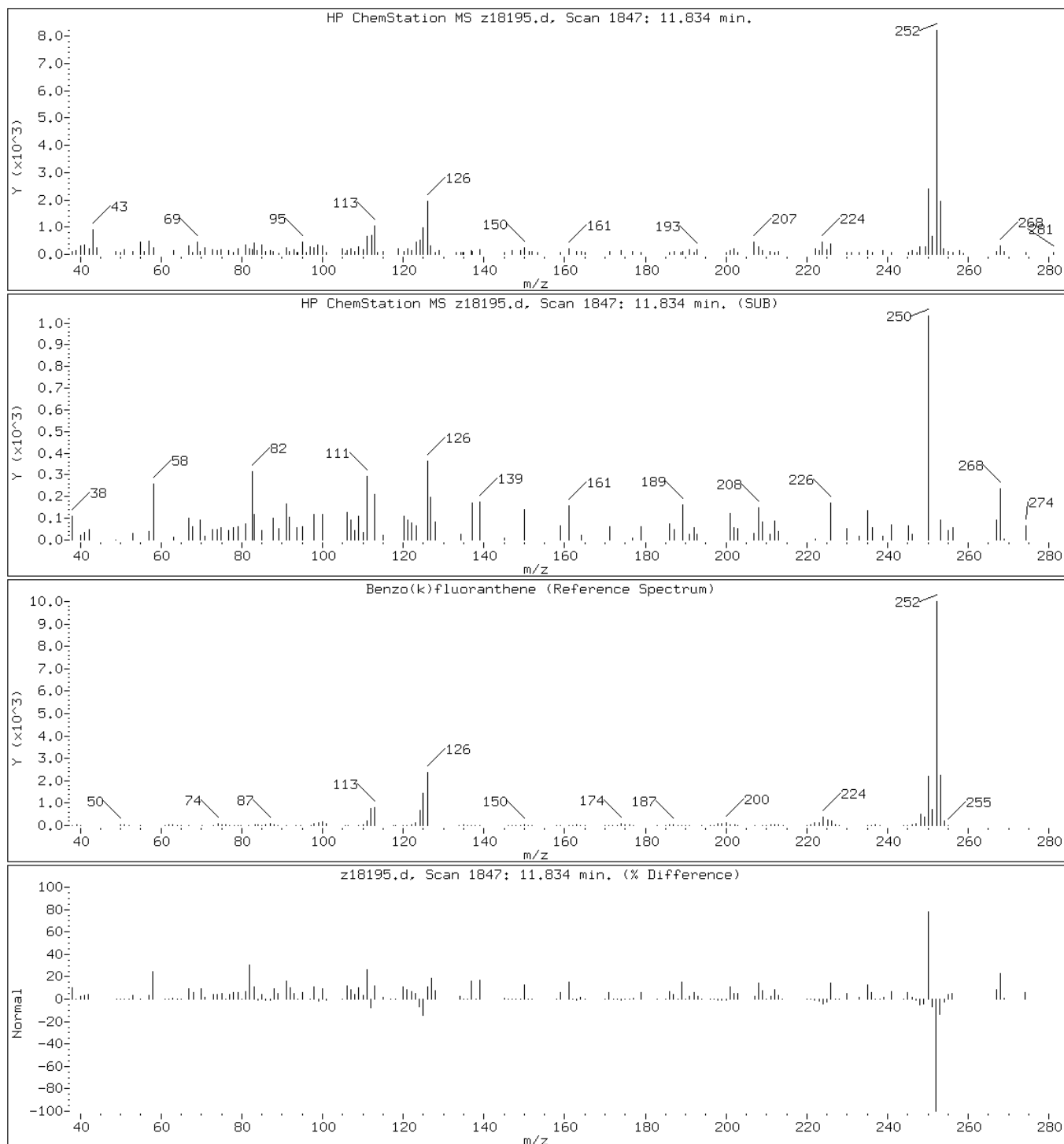
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: z18195.d

Date: 05-JUL-2011 20:35

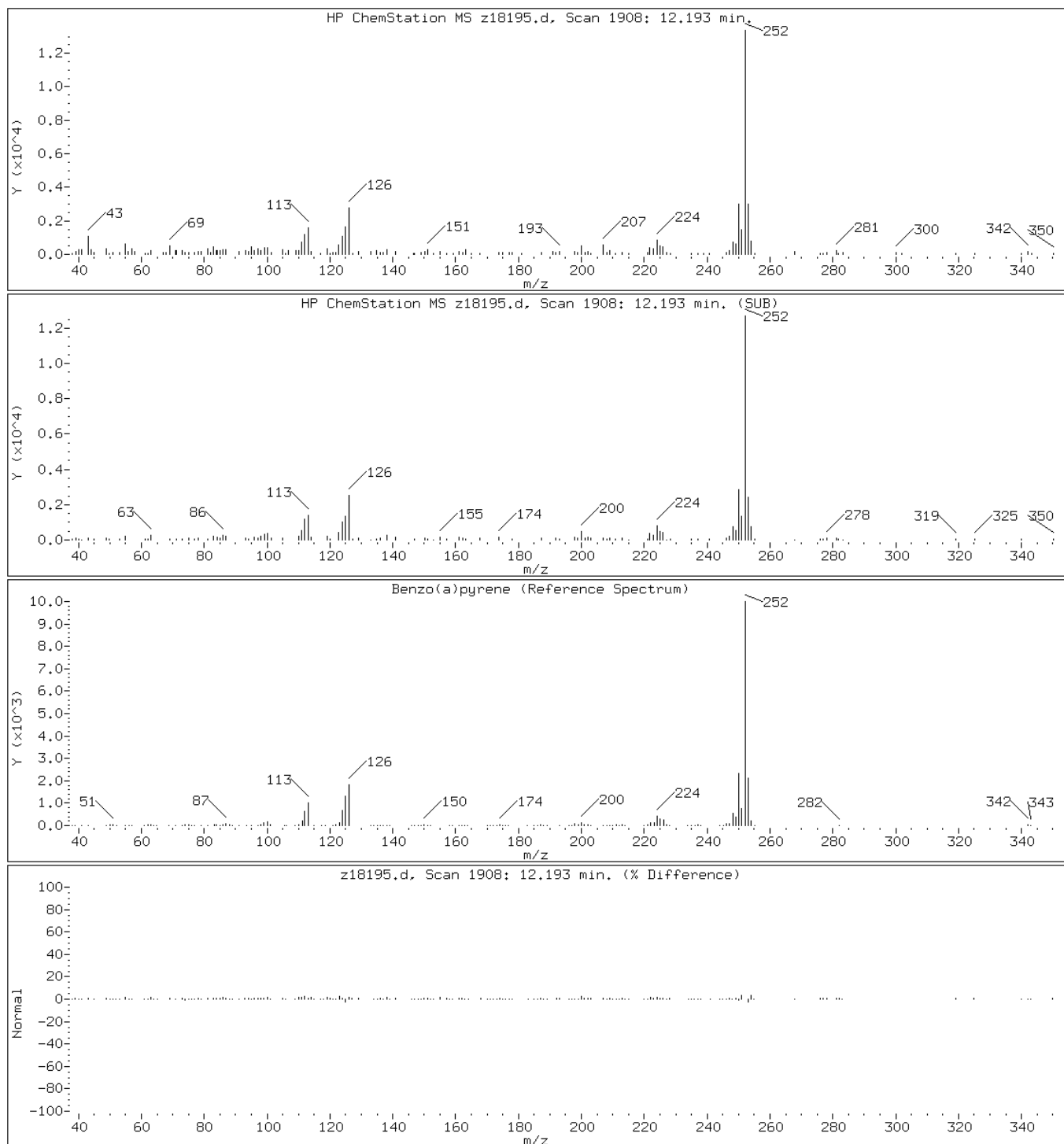
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: z18195.d

Date: 05-JUL-2011 20:35

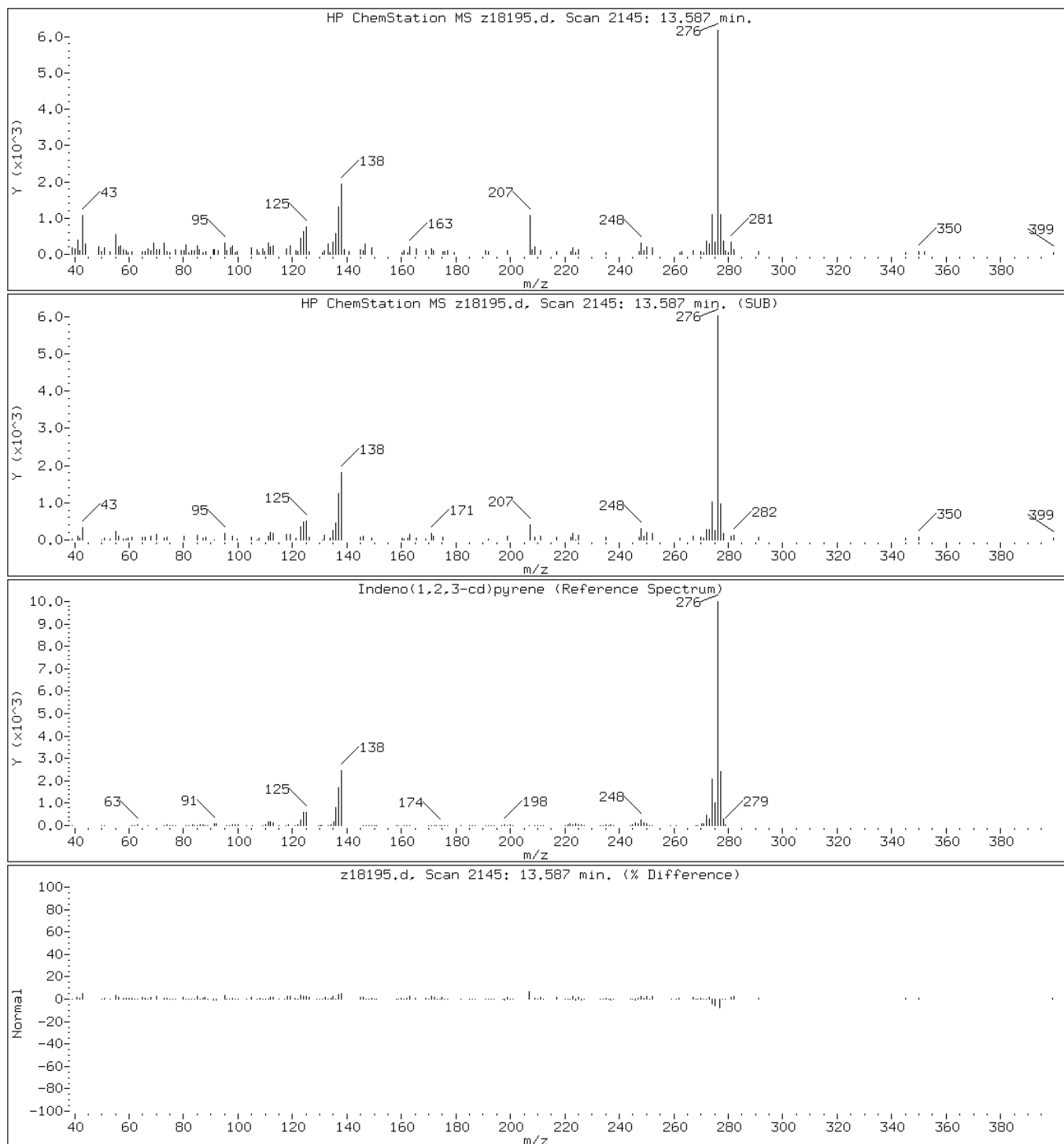
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: z18195.d

Date: 05-JUL-2011 20:35

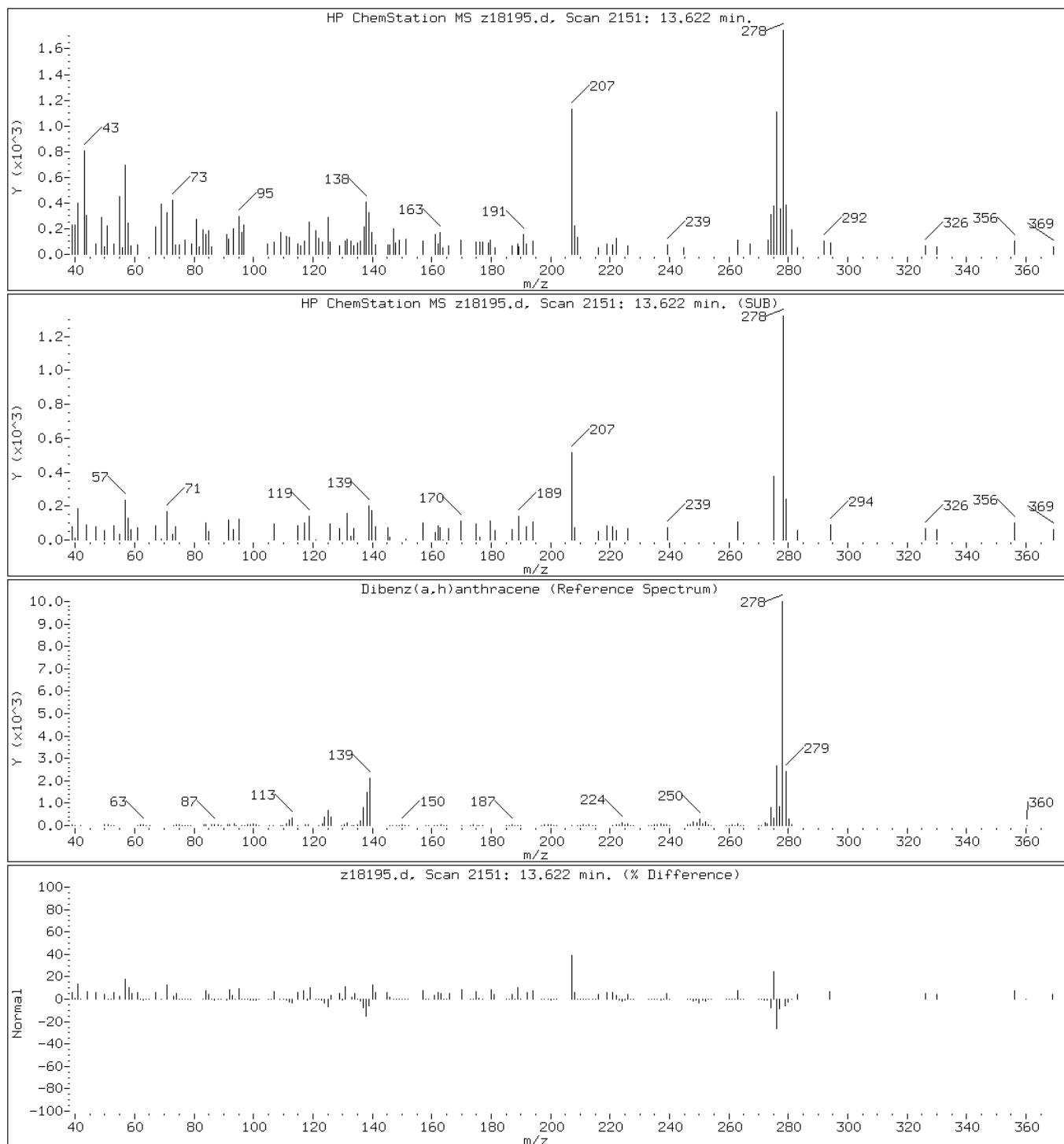
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: z18195.d

Date: 05-JUL-2011 20:35

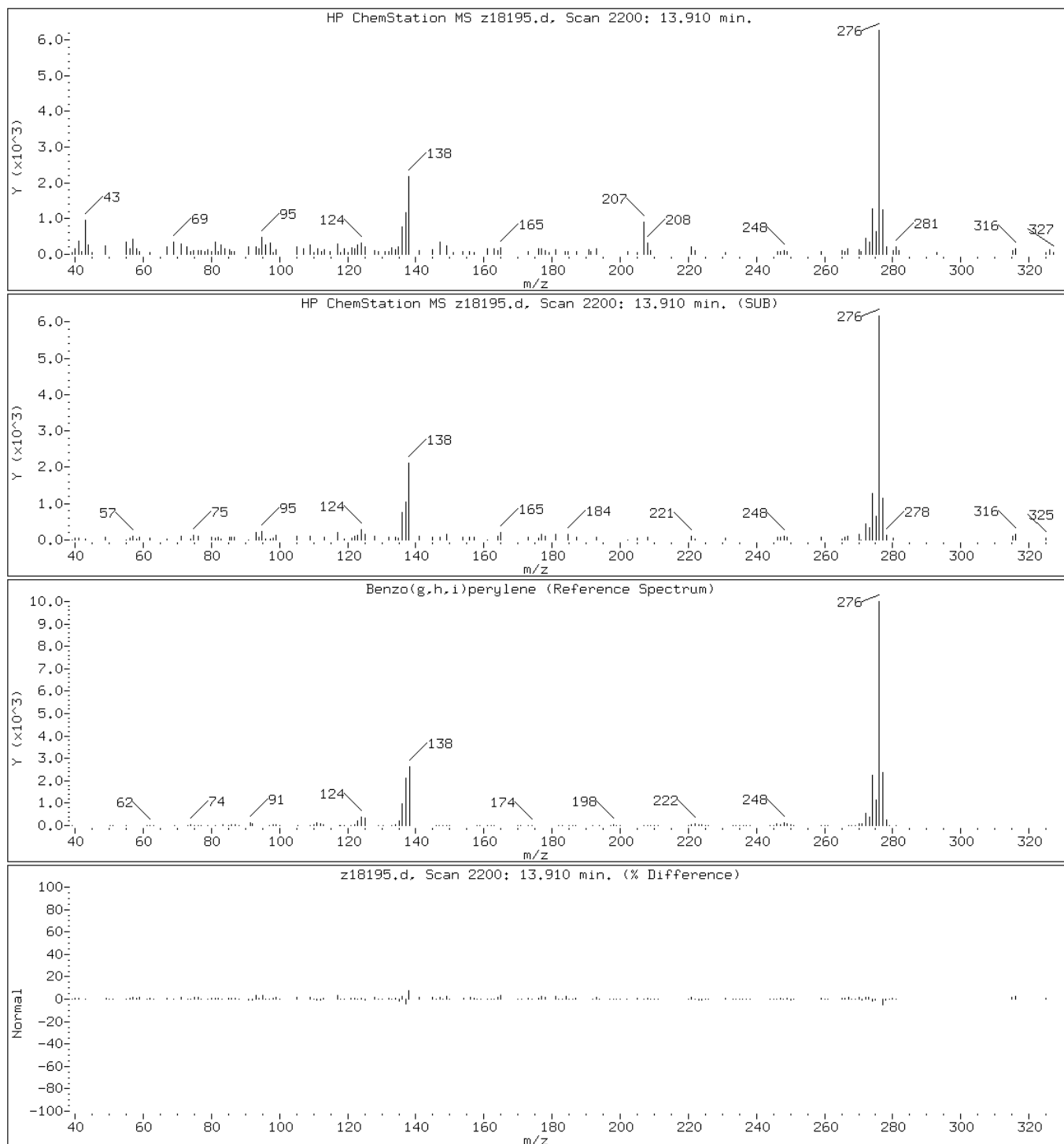
Client ID: DUPE-SOLID

Instrument: BNAMS11.i

Sample Info: 460-28327-B-10-B

Operator: BNAMS 4

70 Benzo(g,h,i)perylene

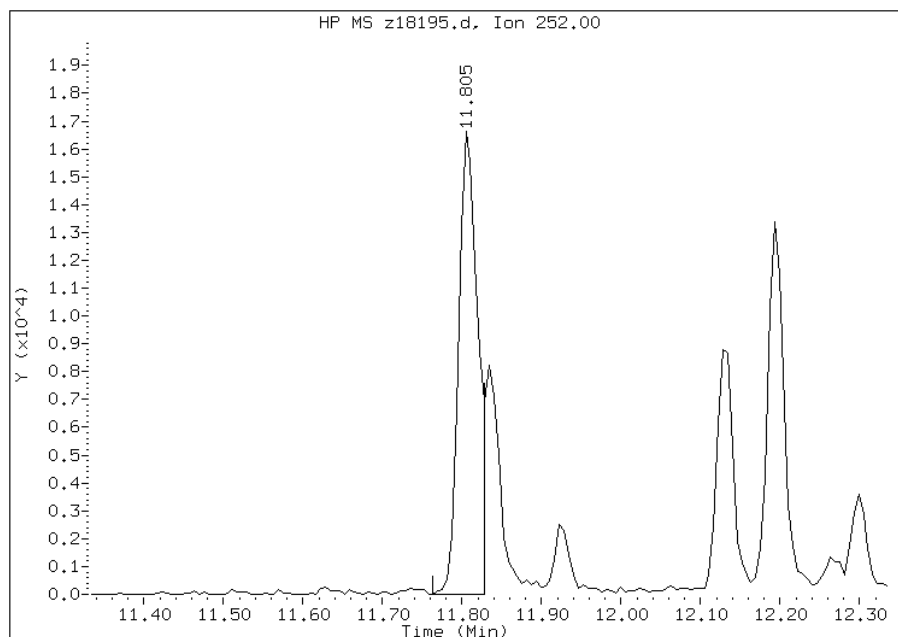


Manual Integration Report

Data File: z18195.d
Inj. Date and Time: 05-JUL-2011 20:35
Instrument ID: BNAMS11.i
Client ID: DUPE-SOLID
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 07/07/2011

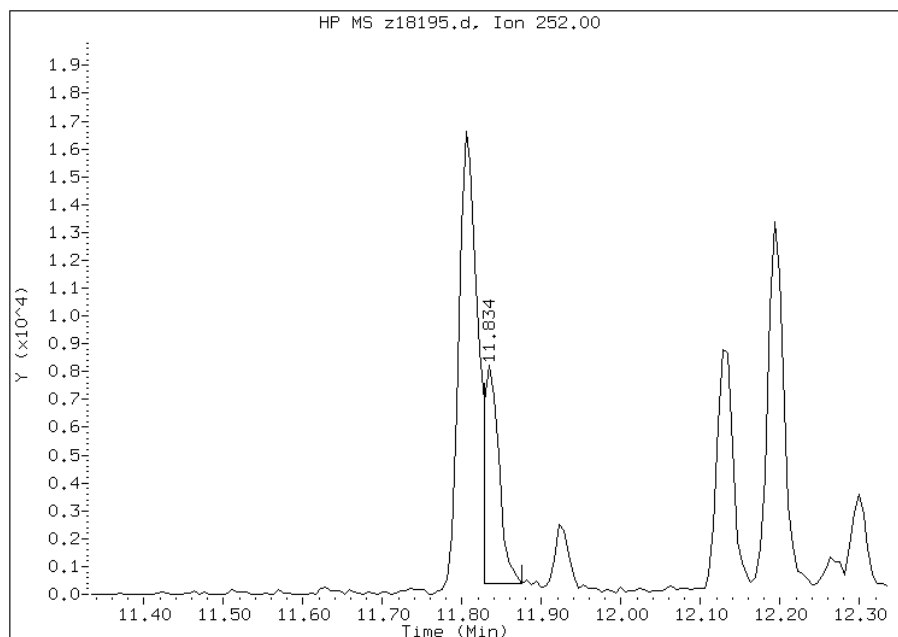
Processing Integration Results

RT: 11.80
Response: 29131
Amount: 2
Conc: 167



Manual Integration Results

RT: 11.83
Response: 10219
Amount: 1
Conc: 59



Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-78970/4	z18172.d
Level 2	IC 460-78970/7	z18175.d
Level 3	IC 460-78970/6	z18174.d
Level 4	ICIS 460-78970/2	z18170.d
Level 5	IC 460-78970/5	z18173.d
Level 6	IC 460-78970/3	z18171.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								
1,4-Dioxane	0.6605 0.6135	0.7016	0.6715	0.6020	0.5629	Ave		0.6353				8.1		15.0			
N-Nitrosodimethylamine	0.7632 0.7894	0.8421	0.7941	0.7802	0.7690	Ave		0.7897				3.6		15.0			
Pyridine	1.4235 1.4310	1.5387	1.5522	1.4781	1.4020	Ave		1.4709				4.3		15.0			
2,3,7,8-TCDD (Screen)	++++ ++++	++++	++++	0.1426	++++	Ave		0.1426						15.0			
Benzaldehyde	1.0197 0.1304	0.7660	0.5767	0.3126	0.2008	Ave		0.5010				69.6	*	15.0			
Aniline	1.9302 1.8207	2.0327	1.9831	1.9615	1.9200	Ave		1.9414				3.7		15.0			
Phenol	1.9240 1.4287	1.8354	1.7125	1.6842	1.6119	Ave		1.6994				10.2		30.0			
Bis(2-chloroethyl)ether	1.3395 1.3745	1.3560	1.3607	1.3664	1.3649	Ave		1.3603				0.9		15.0			
2-Chlorophenol	1.4514 1.2009	1.4918	1.4051	1.3922	1.3238	Ave		1.3775				7.5		15.0			
Decane	1.8803 1.5045	1.7784	1.6876	1.5756	1.4304	Ave		1.6428				10.4		15.0			
1,3-Dichlorobenzene	1.5366 1.6293	1.5873	1.5671	1.5868	1.5717	Ave		1.5798				1.9		15.0			
1,4-Dichlorobenzene	1.5596 1.6487	1.5590	1.5594	1.5737	1.5891	Ave		1.5816				2.2		30.0			
Benzyl alcohol	0.6807 0.6770	0.7065	0.7280	0.7641	0.7484	Ave		0.7174				5.0		15.0			
1,2-Dichlorobenzene	1.4173 1.4803	1.4369	1.4249	1.4526	1.4535	Ave		1.4442				1.6		15.0			
bis (2-chloroisopropyl) ether	1.9628 1.5162	1.9273	1.8381	1.7012	1.5635	Ave		1.7515				10.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylphenol	1.1745 0.9225	1.1647	1.0711	1.0814	1.0333	Ave		1.0746				8.6		15.0			
o-Toluidine	1.4528 1.4237	1.4750	1.4402	1.4617	1.4518	Ave		1.4509				1.2		15.0			
Acetophenone	1.7160 1.6557	1.7132	1.6935	1.6911	1.6588	Ave		1.6880				1.5		15.0			
N-Nitrosodi-n-propylamine	0.7870 0.6982	0.8805	0.8574	0.8586	0.8035	Ave		0.8142			0.0500	8.2		15.0			
3 & 4 Methylphenol	1.1790 1.0520	1.2353	1.2227	1.1951	1.1490	Ave		1.1722				5.7		15.0			
4-Methylphenol	1.1739 1.0425	1.2048	1.1931	1.1931	1.1490	Ave		1.1594				5.2		15.0			
Hexachloroethane	0.6486 0.6715	0.6810	0.6760	0.6812	0.6607	Ave		0.6698				1.9		15.0			
Nitrobenzene	0.5855 0.5851	0.5732	0.5744	0.5741	0.5679	Ave		0.5767				1.2		15.0			
n,n'-Dimethylaniline	1.5292 1.9776	1.9123	1.9392	1.9514	1.9951	Ave		1.8841				9.4		15.0			
Isophorone	0.5978 0.6070	0.6223	0.6092	0.6285	0.6140	Ave		0.6131				1.8		15.0			
2-Nitrophenol	0.1781 0.1835	0.1848	0.1856	0.1849	0.1861	Ave		0.1838				1.6		30.0			
2,4-Dimethylphenol	0.3076 0.2832	0.3058	0.3054	0.3081	0.2940	Ave		0.3007				3.3		15.0			
Bis(2-chloroethoxy)methane	0.3816 0.4013	0.3936	0.3903	0.3950	0.3974	Ave		0.3932				1.7		15.0			
Benzoic acid	0.0601 0.1306	0.0910	0.1052	0.1222	0.1476	QuaF		7.7031	-0.779						0.9903		0.9900
2,4-Dichlorophenol	0.2549 0.2368	0.2612	0.2615	0.2627	0.2514	Ave		0.2547				3.8		30.0			
1,2,4-Trichlorobenzene	0.3110 0.3245	0.3089	0.3150	0.3123	0.3087	Ave		0.3134				1.9		15.0			
Naphthalene	1.0622 1.1732	1.0956	1.0932	1.1171	1.1172	Ave		1.1097				3.3		15.0			
4-Chloroaniline	0.3607 0.3668	0.3805	0.3799	0.3840	0.3803	Ave		0.3753				2.5		15.0			
Hexachlorobutadiene	0.1733 0.1859	0.1759	0.1759	0.1754	0.1779	Ave		0.1774				2.5		30.0			
Caprolactam	0.0532 0.0643	0.0632	0.0649	0.0762	0.0663	Ave		0.0647				11.4		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.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.2477 0.2246	0.2591	0.2535	0.2617	0.2556	Ave		0.2504				5.4		30.0			
2-Methylnaphthalene	0.6002 0.6258	0.6137	0.6124	0.6252	0.6240	Ave		0.6169				1.6		15.0			
1-Methylnaphthalene	0.6160 0.6260	0.6265	0.6040	0.6278	0.6361	Ave		0.6227				1.8		15.0			
Hexachlorocyclopentadiene	0.2941 0.4302	0.2735	0.3112	0.3394	0.3645	QuaF		3.2881	-0.747		0.0500				0.9999		0.9900
1,2,4,5-Tetrachlorobenzene	0.6320 0.7040	0.5966	0.6158	0.5958	0.6208	Ave		0.6275				6.4		30.0			
2-tertbutyl-4-methylphenol	0.4147 0.3889	0.4077	0.4090	0.4221	0.4090	Ave		0.4086				2.7		15.0			
2,4,6-Trichlorophenol	0.3599 0.3523	0.3544	0.3512	0.3495	0.3547	Ave		0.3536				1.0		30.0			
2,4,5-Trichlorophenol	0.3500 0.3407	0.3507	0.3574	0.3467	0.3535	Ave		0.3498				1.6		15.0			
Diphenyl	1.6196 1.7559	1.5431	1.5638	1.5805	1.5813	Ave		1.6074				4.8		15.0			
2-Chloronaphthalene	1.1967 1.2503	1.1764	1.1683	1.1472	1.1715	Ave		1.1850				3.0		15.0			
Diphenyl ether	0.8366 0.8971	0.8355	0.8329	0.8091	0.8228	Ave		0.8390				3.6		15.0			
2-Nitroaniline	0.3854 0.3883	0.3876	0.3943	0.3850	0.3922	Ave		0.3888				1.0		15.0			
Dimethylnaphthalene, total	1.0178 1.0574	0.9890	0.9727	0.9711	0.9971	Ave		1.0008				3.3		15.0			
Coumarin	0.1353 0.1413	0.1522	0.1420	0.1630	0.1561	Ave		0.1483				7.1		15.0			
Dimethyl phthalate	1.0684 1.1000	1.0751	1.0651	1.1048	1.0921	Ave		1.0843				1.6		15.0			
2,6-Dinitrotoluene	0.1916 0.2481	0.2322	0.2404	0.2520	0.2547	Ave		0.2365				9.9		15.0			
Acenaphthylene	1.7515 1.8632	1.7383	1.7471	1.7525	1.7817	Ave		1.7724				2.6		15.0			
3-Nitroaniline	0.2166 0.2522	0.2286	0.2372	0.2601	0.2598	Ave		0.2424				7.4		15.0			
Acenaphthene	1.0216 1.1230	1.0342	1.0533	1.0740	1.0851	Ave		1.0652				3.5		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.0536 1.0888	0.9838	0.9724	1.0190	1.0576	Ave		1.0292				4.4		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.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrophenol	0.0582 0.1211	0.0771	0.0955	0.1110	0.1222	QuaF		9.8420	-4.765		0.0500				0.9935		0.9900
4-Nitrophenol	0.1615 0.2227	0.1788	0.1999	0.2359	0.2175	Ave		0.2027			0.0500	14.0		15.0			
Dibenzofuran	1.4540 1.5066	1.4362	1.4341	1.4706	1.4657	Ave		1.4612				1.8		15.0			
2,4-Dinitrotoluene	0.2981 0.3027	0.2974	0.2799	0.3131	0.3061	Ave		0.2996				3.7		15.0			
1-Naphthylamine	0.8176 0.7743	0.8141	0.7810	0.8344	0.8217	Ave		0.8072				3.0		30.0			
2,3,4,6-Tetrachlorophenol	0.2122 0.2235	0.2122	0.2154	0.2234	0.2287	Ave		0.2192				3.2		30.0			
2-Naphthylamine	0.8447 0.8020	0.8398	0.8218	0.8365	0.8174	Ave		0.8270				2.0		15.0			
Diethyl phthalate	0.9908 1.0482	1.0279	1.0143	1.0796	1.0648	Ave		1.0376				3.2		15.0			
Fluorene	1.1276 1.1849	1.1230	1.1414	1.1853	1.1802	Ave		1.1571				2.6		15.0			
4-Chlorophenyl phenyl ether	0.5253 0.5426	0.5321	0.5196	0.5353	0.5371	Ave		0.5320				1.6		15.0			
4-Nitroaniline	0.1602 0.1865	0.1737	0.1817	0.2065	0.1919	Ave		0.1834				8.6		15.0			
4,6-Dinitro-2-methylphenol	0.0916 0.1319	0.1079	0.1143	0.1206	0.1297	Ave		0.1160				12.9		15.0			
N-Nitrosodiphenylamine	0.5734 0.6166	0.5816	0.5788	0.5709	0.6086	Ave		0.5883				3.3		30.0			
1,2-Diphenylhydrazine	1.0119 1.3216	1.2130	1.2074	1.1811	1.2303	Ave		1.1942				8.5		15.0			
4-Bromophenyl phenyl ether	0.2046 0.2326	0.2119	0.2120	0.2100	0.2198	Ave		0.2151				4.6		15.0			
Hexachlorobenzene	0.2186 0.2420	0.2304	0.2191	0.2218	0.2317	Ave		0.2273				4.0		15.0			
Atrazine	0.1805 0.2036	0.1926	0.1866	0.1929	0.1924	Ave		0.1914				4.0		15.0			
Pentachlorophenol	0.0885 0.1211	0.0946	0.1037	0.1126	0.1166	Ave		0.1062				12.1		30.0			
n-Octadecane	0.7951 0.8255	0.8140	0.7964	0.7431	0.7537	Ave		0.7880				4.2		15.0			
Phenanthrene	1.0876 1.1578	1.1140	1.1018	1.1186	1.1270	Ave		1.1178				2.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

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								
Anthracene	1.0799 1.1679	1.0986	1.0996	1.1420	1.1400	Ave		1.1213				3.0		15.0			
Carbazole	0.8558 0.9270	0.8833	0.8659	0.9131	0.8894	Ave		0.8891				3.1		15.0			
Di-n-butyl phthalate	1.0481 1.2166	1.1181	1.1293	1.1787	1.1807	Ave		1.1453				5.2		15.0			
Fluoranthene	0.8808 0.9389	0.9202	0.9058	0.9599	0.9273	Ave		0.9222				3.0		30.0			
Benzidine	0.1330 0.0339	0.2548	0.1767	0.0505	0.0464	Ave		0.1159				76.4	*	15.0			
Pyrene	1.4958 1.6701	1.5665	1.5706	1.6181	1.7196	Ave		1.6068				5.0		15.0			
Butyl benzyl phthalate	0.5921 0.6948	0.6319	0.6461	0.6887	0.7150	Ave		0.6614				7.0		15.0			
Carbamazepine	0.2505 0.5164	0.3554	0.4029	0.4331	0.4770	LinF		0.4963							0.9901		0.9900
3,3'-Dichlorobenzidine	0.3217 0.2824	0.3186	0.3097	0.2719	0.2779	Ave		0.2970				7.4		15.0			
Benzo[a]anthracene	1.2839 1.0724	1.0477	1.0430	1.0291	1.0599	Ave		1.0893				8.9		15.0			
Chrysene	0.9947 1.0240	1.0031	1.0179	0.9981	1.0138	Ave		1.0086				1.2		15.0			
Bis(2-ethylhexyl) phthalate	0.7536 0.9516	0.8333	0.8739	0.8761	0.9248	Ave		0.8689				8.1		15.0			
Di-n-octyl phthalate	1.2970 1.8961	1.5281	1.6562	1.8758	1.9286	Ave		1.6970				14.8		30.0			
Benzo[b]fluoranthene	1.0271 1.1886	1.1175	1.1305	1.1311	1.1732	Ave		1.1280				5.0		15.0			
Benzo[k]fluoranthene	1.1091 1.2050	1.1275	1.1406	1.2105	1.1920	Ave		1.1641				3.7		15.0			
Benzo[a]pyrene	0.6836 0.9855	0.8499	0.8745	0.9144	0.9384	Ave		0.8744				12.0		30.0			
Indeno[1,2,3-cd]pyrene	0.6215 0.9924	0.7374	0.7569	0.8150	0.8768	QuaF		1.3405	-0.112						1.0000		0.9900
Dibenz(a,h)anthracene	0.6503 0.9892	0.7522	0.7513	0.8241	0.8633	Ave		0.8051				14.4		15.0			
Benzo[g,h,i]perylene	0.7902 1.0029	0.7899	0.8388	0.8218	0.8820	Ave		0.8542				9.4		15.0			
2-Fluorophenol	1.3070 1.1030	1.3161	1.3097	1.2330	1.2046	Ave		1.2456				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

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								
Phenol-d5	1.5878 1.2709	1.5964	1.5417	1.4423	1.4320	Ave		1.4785				8.4		15.0			
Nitrobenzene-d5	0.4074 0.4274	0.4038	0.4292	0.4137	0.4219	Ave		0.4172				2.5		15.0			
2-Fluorobiphenyl	1.4274 1.4760	1.3473	1.3875	1.3421	1.4102	Ave		1.3984				3.6		15.0			
2,4,6-Tribromophenol	0.1276 0.1344	0.1271	0.1293	0.1412	0.1466	Ave		0.1344				6.0		15.0			
Terphenyl-d14	0.9078 0.9887	0.9037	0.9273	0.9548	1.0314	Ave		0.9523				5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-78970/4	z18172.d
Level 2	IC 460-78970/7	z18175.d
Level 3	IC 460-78970/6	z18174.d
Level 4	ICIS 460-78970/2	z18170.d
Level 5	IC 460-78970/5	z18173.d
Level 6	IC 460-78970/3	z18171.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
1,4-Dioxane	DCB	Ave	35408 746515	83344	144559	365545	533819	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	40912 960432	100038	170956	473750	729331	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	76311 1741113	182790	334161	897461	1329649	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	++++ ++++	++++	++++	916	++++	++++ ++++	++++	++++	0.500	++++
Benzaldehyde	DCB	Ave	54665 158648	90995	124155	189784	190427	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	103479 2215283	241477	426932	1191003	1820971	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	103143 1738290	218032	368674	1022619	1528690	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	7181 1672415	161082	292953	829638	1294507	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	77808 1461124	177214	302502	845300	1255519	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	100803 1830616	211267	363327	956667	1356595	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	82378 1982472	188557	337379	963468	1490638	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	83608 2005963	185197	335725	955551	1507127	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	36491 823709	83928	156732	463924	709759	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	75978 1801135	170697	306770	881984	1378483	5.00 120	10.0	20.0	50.0	80.0
bis (2-chloroisopropyl) ether	DCB	Ave	105225 1844817	228950	395712	1032934	1482855	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	62965 1122458	138355	230590	656601	980009	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

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
o-Toluidine	DCB	Ave	77884 1732229	175217	310065	887526	1376902	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	91994 2014484	203513	364590	1026790	1573208	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4219 849561	104596	184598	521358	762043	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	63207 1279988	146750	263225	725646	1089743	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	62933 1268409	143127	256856	724457	1089743	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	3477 817093	80893	145545	413587	626624	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	10697 2180049	232106	412228	1163100	1806625	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	8198 2406246	227166	417493	1184846	1892112	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	109206 2261559	251965	437185	1273299	1953244	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	32533 683550	74830	133225	374608	592081	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	56198 1055340	123825	219205	624231	935377	5.00 120	10.0	20.0	50.0	80.0
Bis (2-chloroethoxy)methane	NPT	Ave	69713 1495006	159375	280128	800315	1264320	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	10971 486611	36867	75471	247624	469685	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	46563 882431	105750	187636	532141	799700	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5682 1209158	125070	226049	632677	982118	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	194050 4371131	443632	784549	2263171	3553917	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	65889 1366605	154067	272620	777921	1209832	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	6331 692577	71239	126255	355389	565896	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	9719 239564	25591	46546	154462	210864	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	45248 836737	104908	181954	530229	813234	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	109656 2331558	248481	439508	1266523	1985002	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

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
1-Methylnaphthalene	NPT	Ave	112543 2332233	253664	433465	1271932	2023686	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	22836 634866	48700	96409	309018	506699	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	49078 1039057	106250	190785	542466	863034	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	75767 1448906	165076	293553	855201	1301102	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	27943 519920	63105	108797	318197	493177	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	27174 502785	62448	110714	315658	491510	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	125761 2591468	274802	484460	1439098	2198426	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	92922 1845226	209491	361949	1044556	1628632	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	64962 1323936	148783	258020	736696	1143957	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	59854 573113	69028	122159	350603	545226	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	79033 1560633	176124	301336	884198	1386230	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	24713 526331	61609	101895	330174	496445	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	82964 1623435	191452	329963	1005991	1518359	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2975 366106	41351	74474	229490	354141	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	136007 2749839	309554	541245	1595699	2477007	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	33634 372169	40704	73485	236825	361147	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	79326 1657421	184177	326320	977949	1508608	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	81812 1606903	175204	301261	927816	1470284	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	13553 178719	27444	44400	101082	169896	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	37618 328731	63672	92890	214787	302357	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	112901 2223579	255769	444271	1339077	2037734	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,4-Dinitrotoluene	ANT	Ave	4629 446777	52968	86717	285107	425566	1.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	63485 1142729	144982	241944	759807	1142427	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	16476 329864	37784	66722	203404	317914	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	65587 1183630	149558	254604	761681	1136441	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	76938 1546972	183046	314215	983056	1480300	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	87555 1748752	199989	353594	1079285	1640737	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	40786 800789	94766	160985	487405	746670	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	24885 275278	30941	56293	188002	266815	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	24663 215639	44139	61639	135695	213983	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	51491 1008149	118899	208166	642440	1004278	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	90865 2160790	247988	434243	1329186	2030273	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	18374 380231	43314	76238	236293	362780	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1963 395705	47099	78786	249587	382332	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	16204 332845	39377	67098	217046	317441	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	23844 198076	38670	55919	126679	192467	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	71401 1349641	166422	286428	836283	1243820	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	97666 1892955	227750	396256	1258888	1859752	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	96969 1909547	224604	395478	1285150	1881306	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	76848 1515579	180587	311414	1027609	1467798	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	94115 1989191	228587	406147	1326486	1948467	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	79095 1535036	188142	325766	1080247	1530218	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

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
Benzidine	PHN	Ave	11946 55360	104206	95304	56815	76491	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	80401 1492368	188343	319573	1039636	1496413	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	31825 620838	75969	131475	442516	622182	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	LinF	13463 461456	42730	81973	278308	415062	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	34583 252337	76607	94527	174715	241846	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	6901 958279	125963	212220	661233	922323	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	53468 915040	120601	207113	641327	882240	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	40508 850368	100184	177826	562889	804770	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	52192 1256431	131638	251286	821763	1183485	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	4133 787597	96264	171525	495517	719900	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	4463 798517	97127	173051	530313	731484	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	2751 653058	73214	132675	400590	575841	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	2501 657600	63524	114843	357030	538030	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	2617 655502	64793	113985	361019	529752	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	31796 664544	68048	127261	360012	541223	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	70070 1342044	156346	281963	748678	1142428	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	85120 1546353	189637	331900	875716	1358122	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	74425 1592429	163519	308004	838103	1342189	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	110837 2178319	239928	429859	1222065	1960535	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	9905 198292	22629	40070	128591	203747	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	48796 883521	108651	188692	613503	897519	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78970

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/05/2011 11:05 Calibration End Date: 07/05/2011 12:56 Calibration ID: 11360

Curve Type Legend:

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

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18170.d
 Report Date: 05-Jul-2011 13:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18170.d
 Lab Smp Id: ICIS-1037487
 Inj Date : 05-JUL-2011 11:05
 Operator : BNAMS 4
 Smp Info : ICIS-1037487
 Misc Info : 50 ppm bna 4569
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:15 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 11:05 Cal File: z18170.d
 Als bottle: 2 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.047	1.047	(0.298)	365545	50.0000	47
19 N-Nitrosodimethylamine	74	1.241	1.241	(0.353)	473750	50.0000	49
71 Pyridine	79	1.258	1.258	(0.358)	897461	50.0000	50
\$ 16 2-Fluorophenol (SUR)	112	2.270	2.270	(0.647)	748678	50.0000	49
110 Benzaldehyde	77	3.053	3.053	(0.869)	189784	50.0000	31
\$ 17 Phenol-d5 (SUR)	99	3.188	3.188	(0.908)	875716	50.0000	49
1 Phenol	94	3.200	3.200	(0.911)	1022619	50.0000	50
73 Aniline	93	3.176	3.176	(0.905)	1191003	50.0000	50
20 bis(2-Chloroethyl)ether	93	3.258	3.258	(0.928)	829638	50.0000	50
2 2-Chlorophenol	128	3.305	3.305	(0.941)	845300	50.0000	50
113 n-decane	43	3.376	3.376	(0.961)	956667	50.0000	48
21 1,3-Dichlorobenzene	146	3.452	3.452	(0.983)	963468	50.0000	50
* 79 1,4-Dichlorobenzene-d4	152	3.511	3.511	(1.000)	485747	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18170.d
Report Date: 05-Jul-2011 13:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.529	3.529	(1.005)	955551	50.0000	50
74 Benzyl Alcohol	108	3.676	3.676	(1.047)	463924	50.0000	53
23 1,2-Dichlorobenzene	146	3.682	3.682	(1.049)	881984	50.0000	50
3 2-Methylphenol	108	3.823	3.823	(1.089)	656601	50.0000	50
24 bis (2-chloroisopropyl) ether	45	3.817	3.817	(1.087)	1032934	50.0000	48
104 Acetophenone	105	3.947	3.947	(1.124)	1026790	50.0000	50
126 O-Toluidine	107	3.935	3.935	(1.121)	887526	50.0000	50(H)
4 4-Methylphenol	108	3.982	3.982	(1.134)	724457	50.0000	51
123 3 & 4 Methylphenol	108	3.982	3.982	(1.134)	725646	50.0000	51
25 N-Nitroso-di-n-propylamine	70	3.964	3.964	(1.129)	521358	50.0000	53
26 Hexachloroethane	117	4.023	4.023	(1.146)	413587	50.0000	51
\$ 76 Nitrobenzene-d5 (SUR)	82	4.088	4.088	(0.850)	838103	50.0000	50
27 Nitrobenzene	77	4.111	4.111	(0.854)	1163100	50.0000	50
107 N,N-Dimethylaniline	120	4.117	4.117	(1.173)	1184846	50.0000	52
28 Isophorone	82	4.358	4.358	(0.906)	1273299	50.0000	51
5 2-Nitrophenol	139	4.435	4.435	(0.922)	374608	50.0000	50
6 2,4-Dimethylphenol	122	4.517	4.517	(0.939)	624231	50.0000	51
29 bis(2-Chloroethoxy)methane	93	4.599	4.599	(0.956)	800315	50.0000	50
15 Benzoic Acid	122	4.694	4.694	(0.976)	247624	50.0000	56(M)
7 2,4-Dichlorophenol	162	4.694	4.694	(0.976)	532141	50.0000	52
30 1,2,4-Trichlorobenzene	180	4.764	4.764	(0.990)	632677	50.0000	50
* 80 Naphthalene-d8	136	4.811	4.811	(1.000)	1620753	40.0000	
31 Naphthalene	128	4.835	4.835	(1.005)	2263171	50.0000	50
32 4-Chloroaniline	127	4.911	4.911	(1.021)	777921	50.0000	51
33 Hexachlorobutadiene	225	4.982	4.982	(1.035)	355389	50.0000	49
111 Caprolactam	113	5.294	5.294	(1.100)	154462	50.0000	59
8 4-Chloro-3-methylphenol	107	5.441	5.441	(1.131)	530229	50.0000	52
34 2-Methylnaphthalene	142	5.535	5.535	(1.150)	1266523	50.0000	51
120 1-Methylnaphthalene	142	5.629	5.629	(1.170)	1271932	50.0000	50
35 Hexachlorocyclopentadiene	237	5.705	5.705	(0.870)	309018	50.0000	50
129 1,2,4,5-Tetrachlorobenzene	216	5.705	5.705	(0.870)	542466	50.0000	47
121 2-tert-Butyl-4-methylphenol	149	5.782	5.782	(1.202)	855201	50.0000	52
9 2,4,6-Trichlorophenol	196	5.835	5.835	(0.890)	318197	50.0000	49
10 2,4,5-Trichlorophenol	196	5.876	5.876	(0.896)	315658	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.901)	1222065	50.0000	48
102 Diphenyl	154	6.005	6.005	(0.916)	1439098	50.0000	49
36 2-Chloronaphthalene	162	6.011	6.011	(0.917)	1044556	50.0000	48
103 Diphenyl Ether	170	6.117	6.117	(0.933)	736696	50.0000	48
37 2-Nitroaniline	65	6.135	6.135	(0.935)	350603	50.0000	50
125 1,3-Dimethylnaphthalene	156	6.235	6.235	(0.951)	884198	50.0000	48
38 Dimethylphthalate	163	6.335	6.335	(0.966)	1005991	50.0000	51
114 Coumarin	146	6.329	6.329	(1.315)	330174	50.0000	55
40 2,6-Dinitrotoluene	165	6.382	6.382	(0.973)	229490	50.0000	53
39 Acenaphthylene	152	6.417	6.417	(0.978)	1595699	50.0000	49
41 3-Nitroaniline	138	6.540	6.540	(0.997)	236825	50.0000	54
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	728439	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.617	6.617	(1.009)	927816	50.0000	50

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	6.593	6.593	(1.005)	977949	50.0000	50
11 2,4-Dinitrophenol	184	6.652	6.652	(1.014)	101082	50.0000	57
12 4-Nitrophenol	65	6.752	6.752	(1.030)	214787	50.0000	58
44 2,4-Dinitrotoluene	165	6.776	6.776	(1.033)	285107	50.0000	52
43 Dibenzofuran	168	6.764	6.764	(1.031)	1339077	50.0000	50
127 1-Naphthylamine	143	6.840	6.840	(1.043)	759807	50.0000	52
130 2,3,4,6-Tetrachlorophenol	232	6.905	6.905	(1.053)	203404	50.0000	51
128 2-Naphthylamine	143	6.923	6.923	(1.056)	761681	50.0000	50
45 Diethylphthalate	149	7.029	7.029	(1.072)	983056	50.0000	52
46 4-Chlorophenyl-phenylether	204	7.111	7.111	(1.084)	487405	50.0000	50
47 Fluorene	166	7.099	7.099	(1.083)	1079285	50.0000	51
48 4-Nitroaniline	138	7.140	7.140	(1.089)	188002	50.0000	56
13 4,6-Dinitro-2-methylphenol	198	7.176	7.176	(0.897)	135695	50.0000	52
49 N-Nitrosodiphenylamine	169	7.235	7.235	(0.904)	642440	50.0000	48
75 1,2-Diphenylhydrazine	77	7.264	7.264	(0.908)	1329186	50.0000	49
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.335	7.335	(1.118)	128591	50.0000	52
50 4-Bromophenyl-phenylether	248	7.582	7.582	(0.948)	236293	50.0000	49
51 Hexachlorobenzene	284	7.640	7.640	(0.955)	249587	50.0000	49
112 Atrazine	200	7.776	7.776	(0.972)	217046	50.0000	50
14 Pentachlorophenol	266	7.840	7.840	(0.980)	126679	50.0000	53
115 n-Octadecane	57	7.964	7.964	(0.996)	836283	50.0000	47
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	900300	40.0000	
52 Phenanthrene	178	8.023	8.023	(1.003)	1258888	50.0000	50
53 Anthracene	178	8.076	8.076	(1.010)	1285150	50.0000	51
54 Carbazole	167	8.246	8.246	(1.031)	1027609	50.0000	51
55 Di-n-butylphthalate	149	8.623	8.623	(1.078)	1326486	50.0000	51
56 Fluoranthene	202	9.181	9.181	(1.148)	1080247	50.0000	52
58 Benzidine	184	9.334	9.334	(1.167)	56815	50.0000	22
57 Pyrene	202	9.393	9.393	(0.886)	1039636	50.0000	50
\$ 78 Terphenyl-d14	244	9.576	9.576	(0.903)	613503	50.0000	50
59 Butylbenzylphthalate	149	10.076	10.076	(0.951)	442516	50.0000	52
109 2,3,7,8-TCDD (Screen)	320	10.140	10.140	(0.957)	916	0.50000	0.50
124 Carbamazepine	193	10.158	10.158	(0.958)	278308	50.0000	53
60 3,3'-Dichlorobenzidine	252	10.581	10.581	(0.998)	174715	50.0000	46
61 Benzo(a)anthracene	228	10.587	10.587	(0.999)	661233	50.0000	47
* 81 Chrysene-d12	240	10.599	10.599	(1.000)	514017	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.008)	562889	50.0000	50
62 Chrysene	228	10.623	10.623	(1.002)	641327	50.0000	49
64 Di-n-octylphthalate	149	11.428	11.428	(0.931)	821763	50.0000	55
65 Benzo(b)fluoranthene	252	11.805	11.805	(0.962)	495517	50.0000	50
66 Benzo(k)fluoranthene	252	11.840	11.840	(0.965)	530313	50.0000	52
67 Benzo(a)pyrene	252	12.199	12.199	(0.994)	400590	50.0000	52
* 84 Perylene-d12	264	12.270	12.270	(1.000)	350476	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.593	13.593	(1.108)	357030	50.0000	51
69 Dibenz(a,h)anthracene	278	13.628	13.628	(1.111)	361019	50.0000	51
70 Benzo(g,h,i)perylene	276	13.911	13.911	(1.134)	360012	50.0000	48

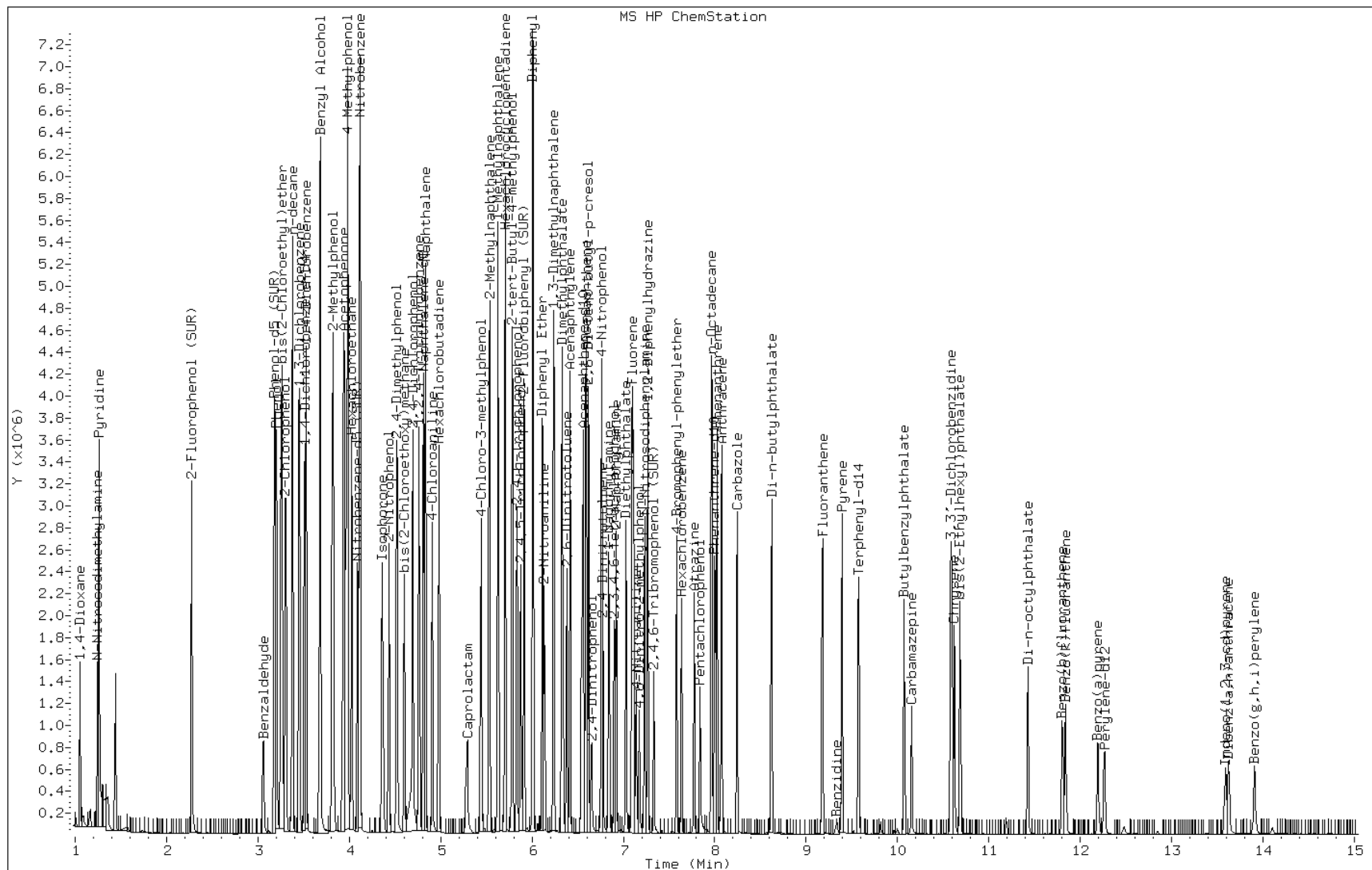
Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18170.d
Report Date: 05-Jul-2011 13:15

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Instrument: BNAMS11.i

Operator: BNAMS 4

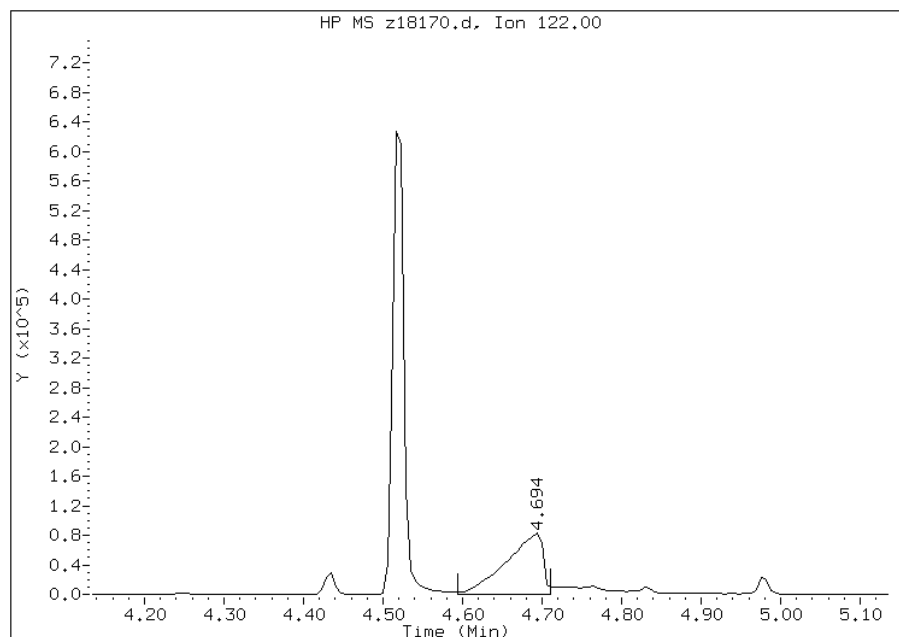


Manual Integration Report

Data File: z18170.d
Inj. Date and Time: 05-JUL-2011 11:05
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/06/2011

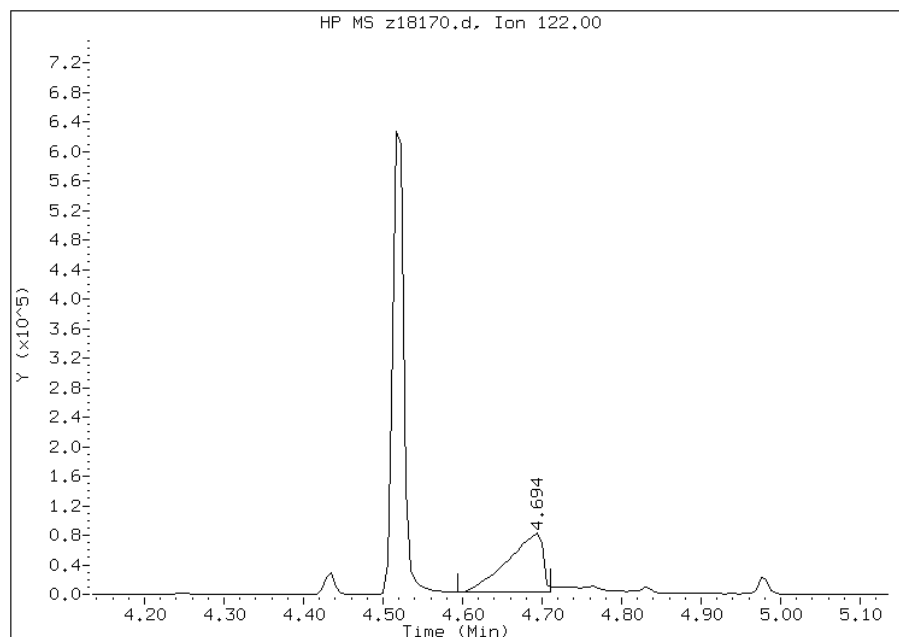
Processing Integration Results

RT: 4.69
Response: 265291
Amount: 50
Conc: 50



Manual Integration Results

RT: 4.69
Response: 247624
Amount: 56
Conc: 56



Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18171.d
 Report Date: 05-Jul-2011 13:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18171.d
 Lab Smp Id: IC-1037500
 Inj Date : 05-JUL-2011 11:28
 Operator : BNAMS 4
 Smp Info : IC-1037500
 Misc Info : 120 ppm bna 4569
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:15 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 11:28 Cal File: z18171.d
 Als bottle: 3 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)
							ON-COL (ug/ml)
106 1,4-Dioxane	88	1.100	1.100	(0.313)	746515	120.000	120(H)
19 N-Nitrosodimethylamine	74	1.329	1.329	(0.378)	960432	120.000	120(MH)
71 Pyridine	79	1.347	1.347	(0.383)	1741113	120.000	120(MH)
\$ 16 2-Fluorophenol (SUR)	112	2.323	2.323	(0.660)	1342044	120.000	110
110 Benzaldehyde	77	3.070	3.070	(0.873)	158648	120.000	31
\$ 17 Phenol-d5 (SUR)	99	3.211	3.211	(0.913)	1546353	120.000	100
1 Phenol	94	3.223	3.223	(0.916)	1738290	120.000	100
73 Aniline	93	3.194	3.194	(0.908)	2215283	120.000	110
20 bis(2-Chloroethyl)ether	93	3.276	3.276	(0.931)	1672415	120.000	120(A)
2 2-Chlorophenol	128	3.323	3.323	(0.945)	1461124	120.000	100
113 n-decane	43	3.388	3.388	(0.963)	1830616	120.000	110
21 1,3-Dichlorobenzene	146	3.464	3.464	(0.985)	1982472	120.000	120(A)
* 79 1,4-Dichlorobenzene-d4	152	3.517	3.517	(1.000)	405576	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18171.d
Report Date: 05-Jul-2011 13:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.535	3.535	(1.005)	2005963	120.000	120(A)
74 Benzyl Alcohol	108	3.694	3.694	(1.050)	823709	120.000	110
23 1,2-Dichlorobenzene	146	3.688	3.688	(1.048)	1801135	120.000	120(A)
3 2-Methylphenol	108	3.835	3.835	(1.090)	1122458	120.000	100
24 bis (2-chloroisopropyl) ether	45	3.823	3.823	(1.087)	1844817	120.000	100
104 Acetophenone	105	3.958	3.958	(1.125)	2014484	120.000	120
126 O-Toluidine	107	3.941	3.941	(1.120)	1732229	120.000	120
4 4-Methylphenol	108	3.999	3.999	(1.137)	1268409	120.000	110(A)
123 3 & 4 Methylphenol	108	3.999	3.999	(1.137)	1279988	120.000	110(A)
25 N-Nitroso-di-n-propylamine	70	3.982	3.982	(1.132)	849561	120.000	100
26 Hexachloroethane	117	4.029	4.029	(1.145)	817093	120.000	120(A)
\$ 76 Nitrobenzene-d5 (SUR)	82	4.105	4.105	(0.852)	1592429	120.000	120(A)
27 Nitrobenzene	77	4.129	4.129	(0.857)	2180049	120.000	120(A)
107 N,N-Dimethylaniline	120	4.135	4.135	(1.176)	2406246	120.000	120(A)
28 Isophorone	82	4.376	4.376	(0.908)	2261559	120.000	120
5 2-Nitrophenol	139	4.441	4.441	(0.922)	683550	120.000	120
6 2,4-Dimethylphenol	122	4.529	4.529	(0.940)	1055340	120.000	110
29 bis(2-Chloroethoxy)methane	93	4.611	4.611	(0.957)	1495006	120.000	120(A)
15 Benzoic Acid	122	4.735	4.735	(0.983)	486611	120.000	140(AM)
7 2,4-Dichlorophenol	162	4.699	4.699	(0.976)	882431	120.000	110
30 1,2,4-Trichlorobenzene	180	4.770	4.770	(0.990)	1209158	120.000	120(A)
* 80 Naphthalene-d8	136	4.817	4.817	(1.000)	1241947	40.0000	
31 Naphthalene	128	4.841	4.841	(1.005)	4371131	120.000	130(A)
32 4-Chloroaniline	127	4.917	4.917	(1.021)	1366605	120.000	120
33 Hexachlorobutadiene	225	4.982	4.982	(1.034)	692577	120.000	120(A)
111 Caprolactam	113	5.329	5.329	(1.106)	239564	120.000	120
8 4-Chloro-3-methylphenol	107	5.452	5.452	(1.132)	836737	120.000	110
34 2-Methylnaphthalene	142	5.535	5.535	(1.149)	2331558	120.000	120(A)
120 1-Methylnaphthalene	142	5.635	5.635	(1.170)	2332233	120.000	120(A)
35 Hexachlorocyclopentadiene	237	5.711	5.711	(0.871)	634866	120.000	150(A)
129 1,2,4,5-Tetrachlorobenzene	216	5.711	5.711	(0.871)	1039057	120.000	130(A)
121 2-tert-Butyl-4-methylphenol	149	5.793	5.793	(1.203)	1448906	120.000	110
9 2,4,6-Trichlorophenol	196	5.841	5.841	(0.891)	519920	120.000	120
10 2,4,5-Trichlorophenol	196	5.882	5.882	(0.897)	502785	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	5.917	5.917	(0.902)	2178319	120.000	130(A)
102 Diphenyl	154	6.011	6.011	(0.917)	2591468	120.000	130(A)
36 2-Chloronaphthalene	162	6.017	6.017	(0.917)	1845226	120.000	130(A)
103 Diphenyl Ether	170	6.117	6.117	(0.933)	1323936	120.000	130(A)
37 2-Nitroaniline	65	6.141	6.141	(0.936)	573113	120.000	120
125 1,3-Dimethylnaphthalene	156	6.240	6.240	(0.952)	1560633	120.000	130(A)
38 Dimethylphthalate	163	6.340	6.340	(0.967)	1623435	120.000	120(A)
114 Coumarin	146	6.335	6.335	(1.315)	526331	120.000	110
40 2,6-Dinitrotoluene	165	6.388	6.388	(0.974)	366106	120.000	120(A)
39 Acenaphthylene	152	6.423	6.423	(0.979)	2749839	120.000	130(A)
41 3-Nitroaniline	138	6.552	6.552	(0.999)	372169	120.000	120(A)
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	491958	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.623	6.623	(1.010)	1606903	120.000	130(A)

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	6.593	6.593	(1.005)	1657421	120.000	130(A)
11 2,4-Dinitrophenol	184	6.658	6.658	(1.015)	178719	120.000	150(A)
12 4-Nitrophenol	65	6.758	6.758	(1.030)	328731	120.000	130(A)
44 2,4-Dinitrotoluene	165	6.788	6.788	(1.035)	446777	120.000	120(A)
43 Dibenzofuran	168	6.764	6.764	(1.031)	2223579	120.000	120(A)
127 1-Naphthylamine	143	6.846	6.846	(1.044)	1142729	120.000	120
130 2,3,4,6-Tetrachlorophenol	232	6.905	6.905	(1.053)	329864	120.000	120(A)
128 2-Naphthylamine	143	6.929	6.929	(1.056)	1183630	120.000	120
45 Diethylphthalate	149	7.035	7.035	(1.073)	1546972	120.000	120(A)
46 4-Chlorophenyl-phenylether	204	7.117	7.117	(1.085)	800789	120.000	120(A)
47 Fluorene	166	7.099	7.099	(1.083)	1748752	120.000	120(A)
48 4-Nitroaniline	138	7.152	7.152	(1.091)	275278	120.000	120(A)
13 4,6-Dinitro-2-methylphenol	198	7.182	7.182	(0.897)	215639	120.000	140(A)
49 N-Nitrosodiphenylamine	169	7.240	7.240	(0.904)	1008149	120.000	120(A)
75 1,2-Diphenylhydrazine	77	7.270	7.270	(0.908)	2160790	120.000	130(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.340	7.340	(1.119)	198292	120.000	120(A)
50 4-Bromophenyl-phenylether	248	7.587	7.587	(0.948)	380231	120.000	130(A)
51 Hexachlorobenzene	284	7.640	7.640	(0.954)	395705	120.000	130(A)
112 Atrazine	200	7.782	7.782	(0.972)	332845	120.000	130(A)
14 Pentachlorophenol	266	7.840	7.840	(0.979)	198076	120.000	140(A)
115 n-Octadecane	57	7.970	7.970	(0.996)	1349641	120.000	120(A)
* 83 Phenanthrene-d10	188	8.005	8.005	(1.000)	545001	40.0000	
52 Phenanthrene	178	8.029	8.029	(1.003)	1892955	120.000	120(A)
53 Anthracene	178	8.076	8.076	(1.009)	1909547	120.000	120(A)
54 Carbazole	167	8.252	8.252	(1.031)	1515579	120.000	120(A)
55 Di-n-butylphthalate	149	8.623	8.623	(1.077)	1989191	120.000	130(A)
56 Fluoranthene	202	9.181	9.181	(1.147)	1535036	120.000	120(A)
58 Benzidine	184	9.340	9.340	(1.167)	55360	120.000	35
57 Pyrene	202	9.399	9.399	(0.887)	1492368	120.000	120(A)
\$ 78 Terphenyl-d14	244	9.576	9.576	(0.903)	883521	120.000	120(A)
59 Butylbenzylphthalate	149	10.076	10.076	(0.951)	620838	120.000	130(A)
124 Carbamazepine	193	10.158	10.158	(0.958)	461456	120.000	150(A)
60 3,3'-Dichlorobenzidine	252	10.587	10.587	(0.999)	252337	120.000	110
61 Benzo(a)anthracene	228	10.587	10.587	(0.999)	958279	120.000	120
* 81 Chrysene-d12	240	10.599	10.599	(1.000)	297862	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.008)	850368	120.000	130(A)
62 Chrysene	228	10.628	10.628	(1.003)	915040	120.000	120(A)
64 Di-n-octylphthalate	149	11.428	11.428	(0.931)	1256431	120.000	130(A)
65 Benzo(b)fluoranthene	252	11.811	11.811	(0.963)	787597	120.000	130(A)
66 Benzo(k)fluoranthene	252	11.846	11.846	(0.965)	798517	120.000	120(A)
67 Benzo(a)pyrene	252	12.199	12.199	(0.994)	653058	120.000	140(A)
* 84 Perylene-d12	264	12.270	12.270	(1.000)	220883	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.599	13.599	(1.108)	657600	120.000	150(A)
69 Dibenz(a,h)anthracene	278	13.634	13.634	(1.111)	655502	120.000	150(A)
70 Benzo(g,h,i)perylene	276	13.922	13.922	(1.135)	664544	120.000	140(A)

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18171.d
Report Date: 05-Jul-2011 13:15

QC Flag Legend

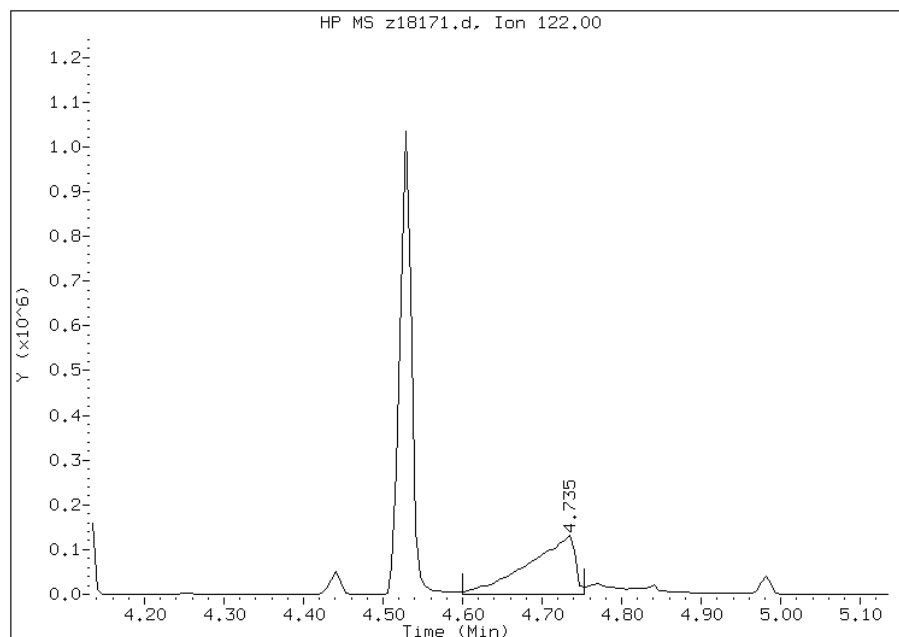
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: z18171.d
Inj. Date and Time: 05-JUL-2011 11:28
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/06/2011

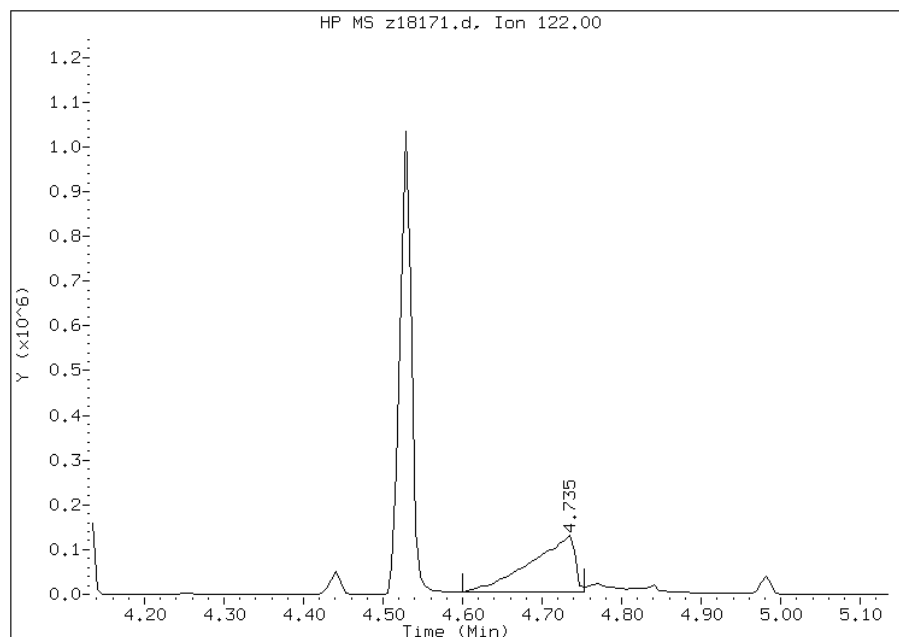
Processing Integration Results

RT: 4.73
Response: 532161
Amount: 129
Conc: 129



Manual Integration Results

RT: 4.73
Response: 486611
Amount: 143
Conc: 143



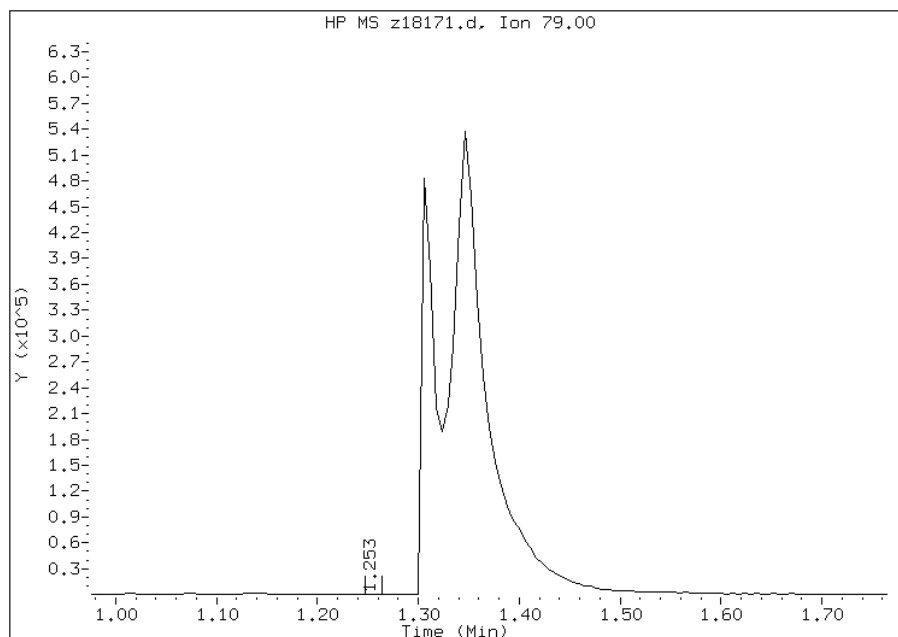
Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: z18171.d
Inj. Date and Time: 05-JUL-2011 11:28
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 07/06/2011

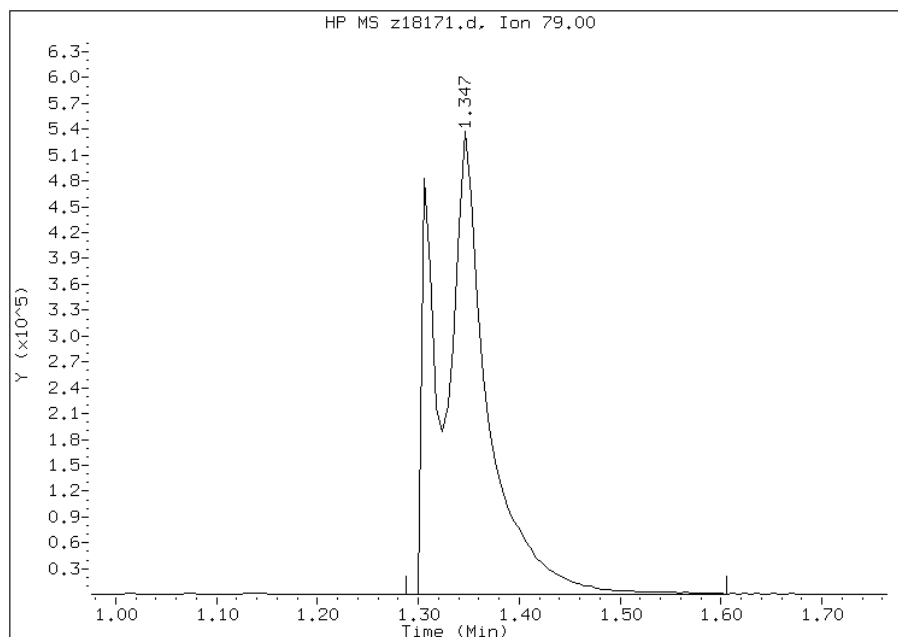
Processing Integration Results

RT: 1.25
Response: 171
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.35
Response: 1741113
Amount: 117
Conc: 117



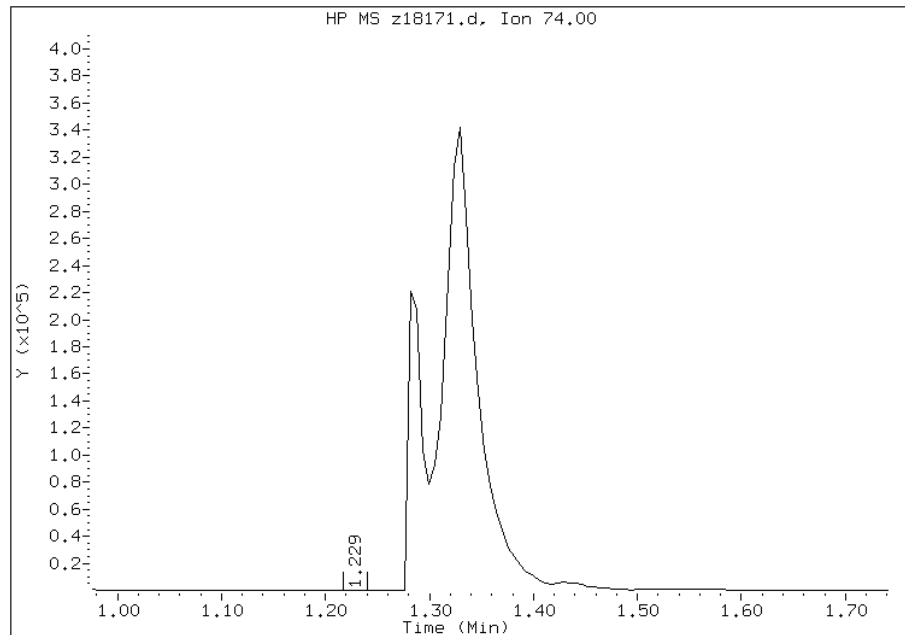
Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18171.d
Inj. Date and Time: 05-JUL-2011 11:28
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 07/06/2011

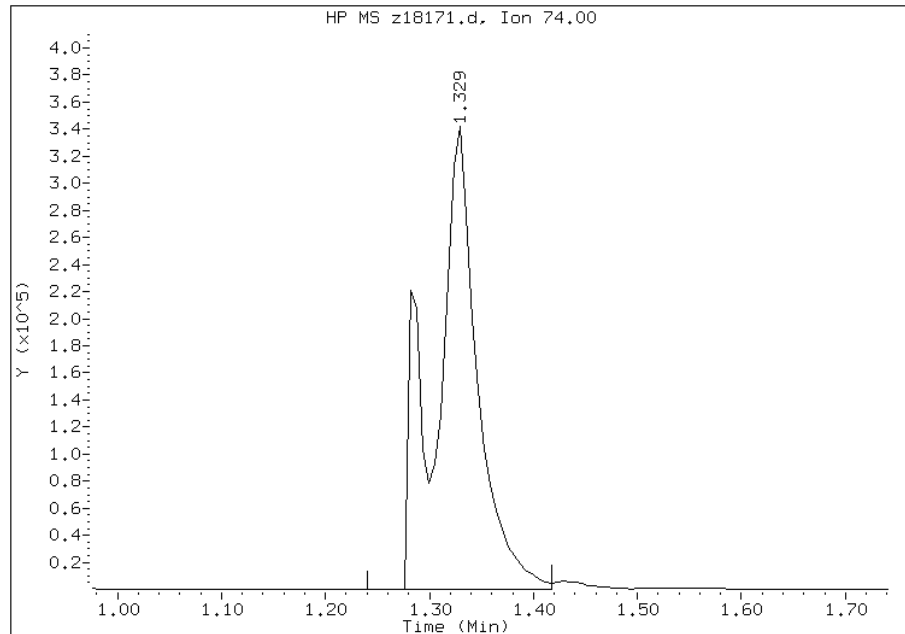
Processing Integration Results

RT: 1.23
Response: 128
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.33
Response: 960432
Amount: 120
Conc: 120



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18172.d
 Report Date: 05-Jul-2011 13:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18172.d
 Lab Smp Id: IC-1037481
 Inj Date : 05-JUL-2011 11:50
 Operator : BNAMS 4
 Smp Info : IC-1037481
 Misc Info : 5 ppm bna 4569
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:15 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 11:50 Cal File: z18172.d
 Als bottle: 4 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.052	1.052	(0.300)	35408	5.00000	5.2(H)
19 N-Nitrosodimethylamine	74	1.241	1.241	(0.354)	40912	5.00000	4.8(aH)
71 Pyridine	79	1.270	1.270	(0.362)	76311	5.00000	4.8(aH)
\$ 16 2-Fluorophenol (SUR)	112	2.276	2.276	(0.649)	70070	5.00000	5.2(H)
110 Benzaldehyde	77	3.052	3.052	(0.871)	54665	5.00000	10
\$ 17 Phenol-d5 (SUR)	99	3.170	3.170	(0.904)	85120	5.00000	5.4
1 Phenol	94	3.182	3.182	(0.908)	103143	5.00000	5.7
73 Aniline	93	3.170	3.170	(0.904)	103479	5.00000	4.9(a)
20 bis(2-Chloroethyl)ether	93	3.246	3.246	(0.926)	7181	0.50000	0.49(aM)
2 2-Chlorophenol	128	3.293	3.293	(0.940)	77808	5.00000	5.3
113 n-decane	43	3.370	3.370	(0.961)	100803	5.00000	5.7
21 1,3-Dichlorobenzene	146	3.446	3.446	(0.983)	82378	5.00000	4.9(a)
* 79 1,4-Dichlorobenzene-d4	152	3.505	3.505	(1.000)	428875	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18172.d
 Report Date: 05-Jul-2011 13:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.523	3.523	(1.005)	83608	5.00000	4.9(a)
74 Benzyl Alcohol	108	3.670	3.670	(1.047)	36491	5.00000	4.7(a)
23 1,2-Dichlorobenzene	146	3.676	3.676	(1.049)	75978	5.00000	4.9(a)
3 2-Methylphenol	108	3.805	3.805	(1.086)	62965	5.00000	5.5
24 bis (2-chloroisopropyl) ether	45	3.811	3.811	(1.087)	105225	5.00000	5.6
104 Acetophenone	105	3.929	3.929	(1.121)	91994	5.00000	5.1
126 0-Toluidine	107	3.923	3.923	(1.119)	77884	5.00000	5.0
4 4-Methylphenol	108	3.970	3.970	(1.133)	62933	5.00000	5.1
123 3 & 4 Methylphenol	108	3.970	3.970	(1.133)	63207	5.00000	5.0
25 N-Nitroso-di-n-propylamine	70	3.946	3.946	(1.126)	4219	0.50000	0.48(aH)
26 Hexachloroethane	117	4.023	4.023	(1.148)	3477	0.50000	0.48(a)
\$ 76 Nitrobenzene-d5 (SUR)	82	4.076	4.076	(0.848)	74425	5.00000	4.9(a)
27 Nitrobenzene	77	4.099	4.099	(0.853)	10697	0.50000	0.51
107 N,N-Dimethylaniline	120	4.111	4.111	(1.173)	8198	0.50000	0.40(a)
28 Isophorone	82	4.346	4.346	(0.905)	109206	5.00000	4.9(a)
5 2-Nitrophenol	139	4.429	4.429	(0.922)	32533	5.00000	4.8(a)
6 2,4-Dimethylphenol	122	4.511	4.511	(0.939)	56198	5.00000	5.1
29 bis(2-Chloroethoxy)methane	93	4.593	4.593	(0.956)	69713	5.00000	4.8(a)
15 Benzoic Acid	122	4.617	4.617	(0.961)	10971	5.00000	2.7(aMH)
7 2,4-Dichlorophenol	162	4.688	4.688	(0.976)	46563	5.00000	5.0
30 1,2,4-Trichlorobenzene	180	4.758	4.758	(0.990)	5682	0.50000	0.50
* 80 Naphthalene-d8	136	4.805	4.805	(1.000)	1461559	40.0000	
31 Naphthalene	128	4.823	4.823	(1.004)	194050	5.00000	4.8(a)
32 4-Chloroaniline	127	4.905	4.905	(1.021)	65889	5.00000	4.8(a)
33 Hexachlorobutadiene	225	4.976	4.976	(1.035)	6331	1.00000	0.98(a)
111 Caprolactam	113	5.229	5.229	(1.088)	9719	5.00000	4.1(aH)
8 4-Chloro-3-methylphenol	107	5.429	5.429	(1.130)	45248	5.00000	4.9(a)
34 2-Methylnaphthalene	142	5.529	5.529	(1.151)	109656	5.00000	4.9(a)
120 1-Methylnaphthalene	142	5.623	5.623	(1.170)	112543	5.00000	4.9(a)
35 Hexachlorocyclopentadiene	237	5.699	5.699	(0.870)	22836	5.00000	4.4(a)
129 1,2,4,5-Tetrachlorobenzene	216	5.699	5.699	(0.870)	49078	5.00000	5.0
121 2-tert-Butyl-4-methylphenol	149	5.776	5.776	(1.202)	75767	5.00000	5.1
9 2,4,6-Trichlorophenol	196	5.829	5.829	(0.890)	27943	5.00000	5.1
10 2,4,5-Trichlorophenol	196	5.870	5.870	(0.896)	27174	5.00000	5.0
\$ 77 2-Fluorobiphenyl (SUR)	172	5.905	5.905	(0.901)	110837	5.00000	5.1
102 Diphenyl	154	5.999	5.999	(0.916)	125761	5.00000	5.0
36 2-Chloronaphthalene	162	6.005	6.005	(0.916)	92922	5.00000	5.0
103 Diphenyl Ether	170	6.111	6.111	(0.933)	64962	5.00000	5.0
37 2-Nitroaniline	65	6.123	6.123	(0.934)	59854	10.0000	9.9(a)
125 1,3-Dimethylnaphthalene	156	6.229	6.229	(0.951)	79033	5.00000	5.1
38 Dimethylphthalate	163	6.323	6.323	(0.965)	82964	5.00000	4.9(a)
114 Coumarin	146	6.317	6.317	(1.315)	24713	5.00000	4.6(a)
40 2,6-Dinitrotoluene	165	6.370	6.370	(0.972)	2975	1.00000	0.81(a)
39 Acenaphthylene	152	6.411	6.411	(0.978)	136007	5.00000	4.9(a)
41 3-Nitroaniline	138	6.534	6.534	(0.997)	33634	10.0000	8.9(a)
* 82 Acenaphthene-d10	164	6.552	6.552	(1.000)	621199	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.617	6.617	(1.010)	81812	5.00000	5.1

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18172.d
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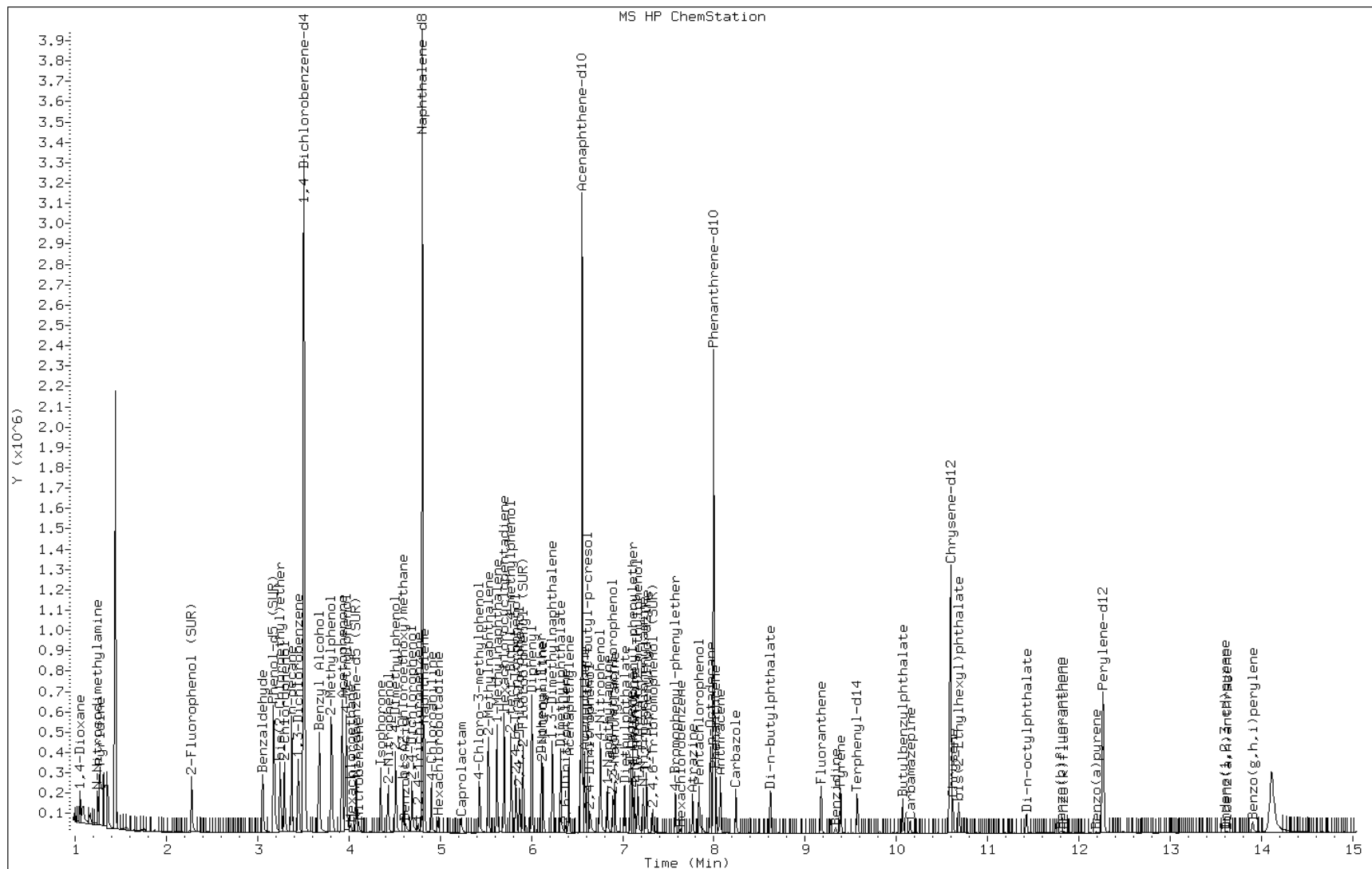
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	6.582	6.582	(1.004)	79326	5.00000	4.8(a)
11 2,4-Dinitrophenol	184	6.646	6.646	(1.014)	13553	15.0000	8.9(a)
12 4-Nitrophenol	65	6.746	6.746	(1.030)	37618	15.0000	12(a)
44 2,4-Dinitrotoluene	165	6.770	6.770	(1.033)	4629	1.00000	1.00
43 Dibenzofuran	168	6.758	6.758	(1.031)	112901	5.00000	5.0
127 1-Naphthylamine	143	6.834	6.834	(1.043)	63485	5.00000	5.1
130 2,3,4,6-Tetrachlorophenol	232	6.893	6.893	(1.052)	16476	5.00000	4.8(a)
128 2-Naphthylamine	143	6.911	6.911	(1.055)	65587	5.00000	5.1
45 Diethylphthalate	149	7.023	7.023	(1.072)	76938	5.00000	4.8(a)
46 4-Chlorophenyl-phenylether	204	7.105	7.105	(1.084)	40786	5.00000	4.9(a)
47 Fluorene	166	7.087	7.087	(1.082)	87555	5.00000	4.9(a)
48 4-Nitroaniline	138	7.129	7.129	(1.088)	24885	10.0000	8.7(a)
13 4,6-Dinitro-2-methylphenol	198	7.164	7.164	(0.896)	24663	15.0000	12(a)
49 N-Nitrosodiphenylamine	169	7.229	7.229	(0.904)	51491	5.00000	4.9(a)
75 1,2-Diphenylhydrazine	77	7.258	7.258	(0.907)	90865	5.00000	4.2(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.329	7.329	(1.119)	9905	5.00000	4.7(a)
50 4-Bromophenyl-phenylether	248	7.581	7.581	(0.948)	18374	5.00000	4.8(a)
51 Hexachlorobenzene	284	7.634	7.634	(0.954)	1963	0.50000	0.48(a)
112 Atrazine	200	7.764	7.764	(0.971)	16204	5.00000	4.7(a)
14 Pentachlorophenol	266	7.834	7.834	(0.979)	23844	15.0000	12(a)
115 n-Octadecane	57	7.964	7.964	(0.996)	71401	5.00000	5.0
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	718371	40.0000	
52 Phenanthrene	178	8.017	8.017	(1.002)	97666	5.00000	4.9(a)
53 Anthracene	178	8.070	8.070	(1.009)	96969	5.00000	4.8(a)
54 Carbazole	167	8.240	8.240	(1.030)	76848	5.00000	4.8(a)
55 Di-n-butylphthalate	149	8.623	8.623	(1.078)	94115	5.00000	4.6(a)
56 Fluoranthene	202	9.175	9.175	(1.147)	79095	5.00000	4.8(a)
58 Benzidine	184	9.334	9.334	(1.167)	11946	5.00000	5.7
57 Pyrene	202	9.387	9.387	(0.886)	80401	5.00000	4.6(a)
\$ 78 Terphenyl-d14	244	9.570	9.570	(0.903)	48796	5.00000	4.8(a)
59 Butylbenzylphthalate	149	10.070	10.070	(0.951)	31825	5.00000	4.5(a)
124 Carbamazepine	193	10.152	10.152	(0.958)	13463	5.00000	3.1(a)
60 3,3'-Dichlorobenzidine	252	10.581	10.581	(0.999)	34583	10.0000	11
61 Benzo(a)anthracene	228	10.581	10.581	(0.999)	6901	0.50000	0.59
* 81 Chrysene-d12	240	10.593	10.593	(1.000)	430010	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.009)	40508	5.00000	4.3(a)
62 Chrysene	228	10.617	10.617	(1.002)	53468	5.00000	4.9(a)
64 Di-n-octylphthalate	149	11.428	11.428	(0.932)	52192	5.00000	3.8(a)
65 Benzo(b)fluoranthene	252	11.805	11.805	(0.963)	4133	0.50000	0.46(a)
66 Benzo(k)fluoranthene	252	11.840	11.840	(0.965)	4463	0.50000	0.48(aM)
67 Benzo(a)pyrene	252	12.199	12.199	(0.995)	2751	0.50000	0.39(a)
* 84 Perylene-d12	264	12.263	12.263	(1.000)	321922	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.599	13.599	(1.109)	2501	0.50000	0.39(a)
69 Dibenz(a,h)anthracene	278	13.628	13.628	(1.111)	2617	0.50000	0.40(a)
70 Benzo(g,h,i)perylene	276	13.905	13.905	(1.134)	31796	5.00000	4.6(a)

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18172.d
Report Date: 05-Jul-2011 13:15

QC Flag Legend

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

Operator: BNAMS 4

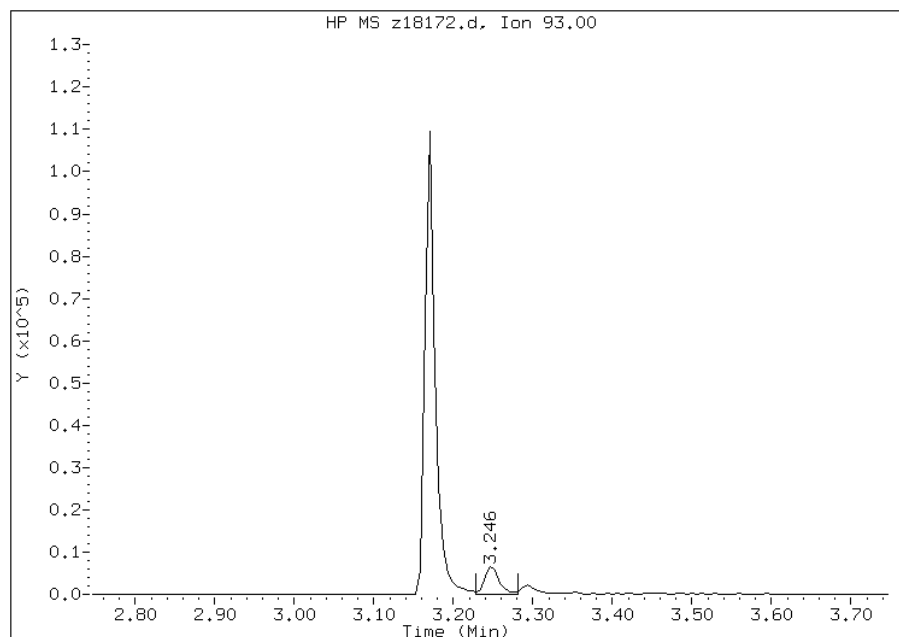


Manual Integration Report

Data File: z18172.d
Inj. Date and Time: 05-JUL-2011 11:50
Instrument ID: BNAMS11.i
Client ID:
Compound: 20 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 07/06/2011

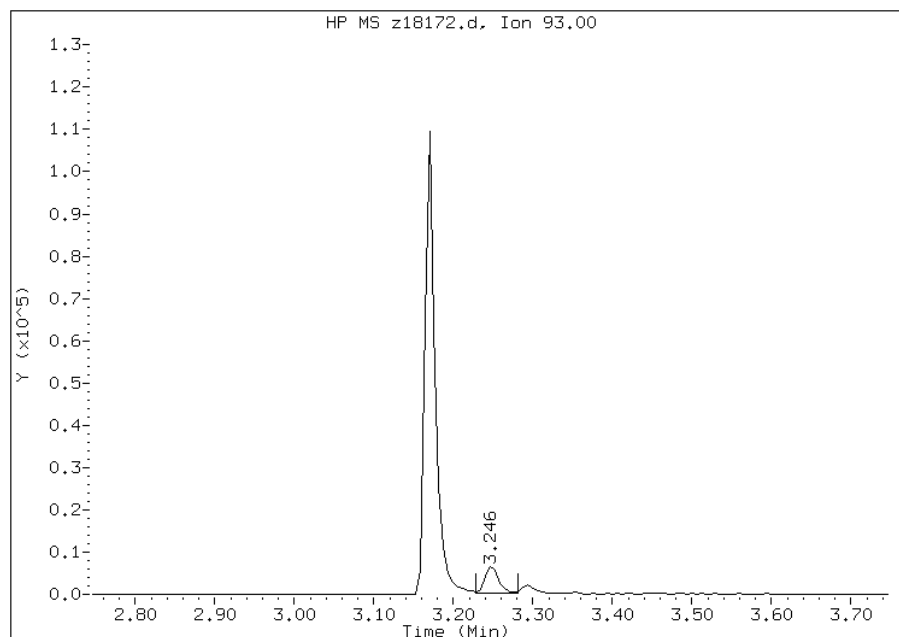
Processing Integration Results

RT: 3.25
Response: 8328
Amount: 1
Conc: 1



Manual Integration Results

RT: 3.25
Response: 7181
Amount: 0
Conc: 0



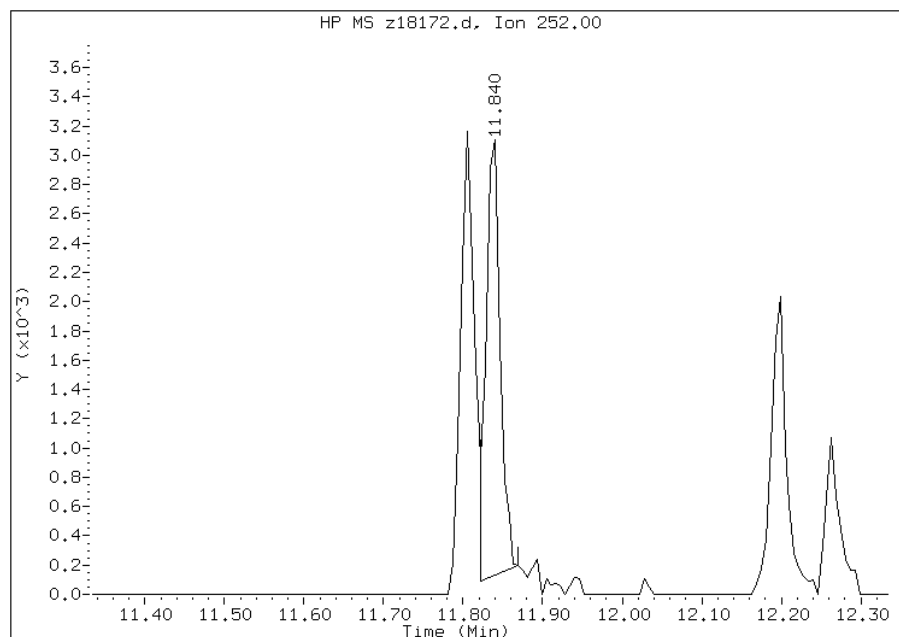
Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: z18172.d
Inj. Date and Time: 05-JUL-2011 11:50
Instrument ID: BNAMS11.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 07/06/2011

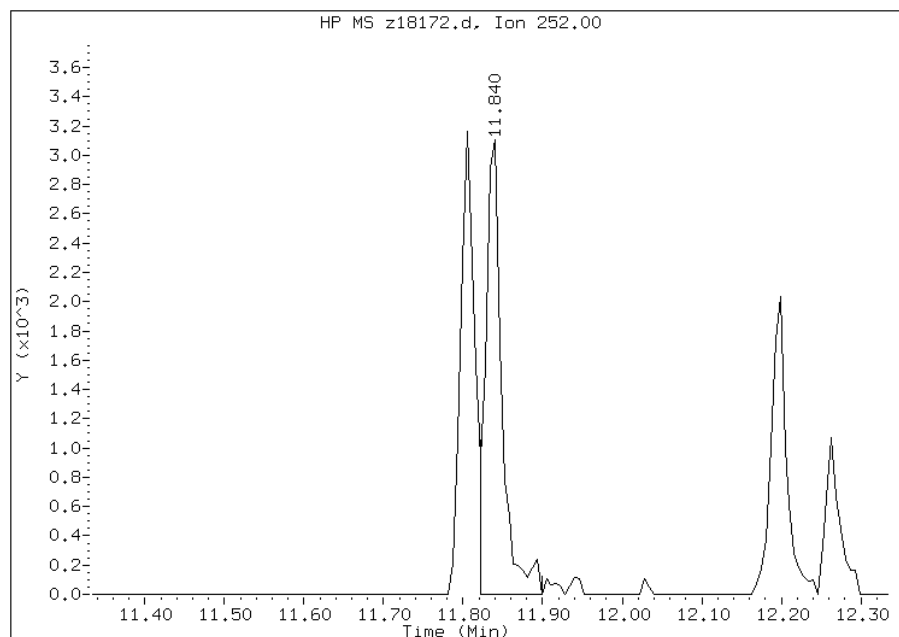
Processing Integration Results

RT: 11.84
Response: 3747
Amount: 0
Conc: 0



Manual Integration Results

RT: 11.84
Response: 4463
Amount: 0
Conc: 0



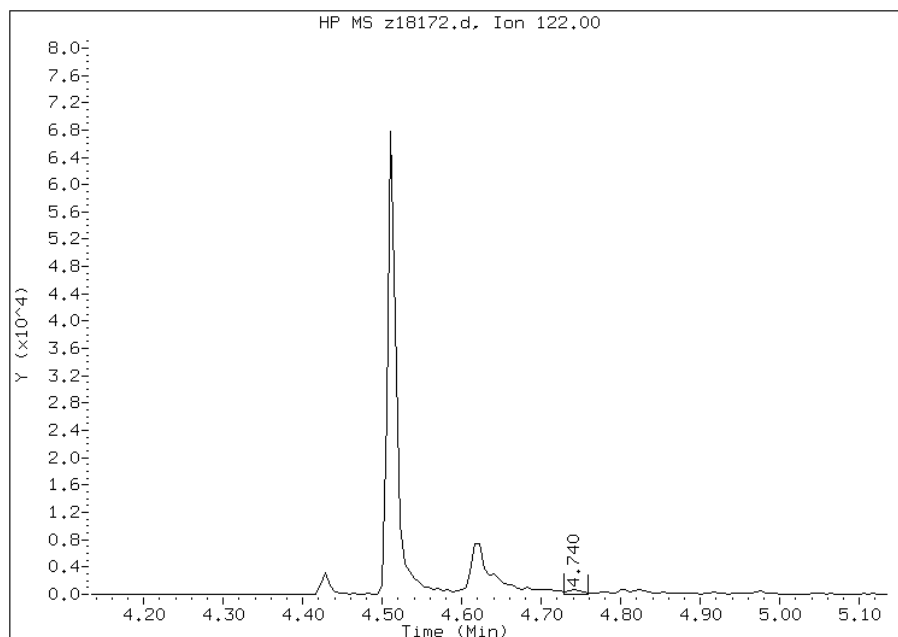
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z18172.d
Inj. Date and Time: 05-JUL-2011 11:50
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/06/2011

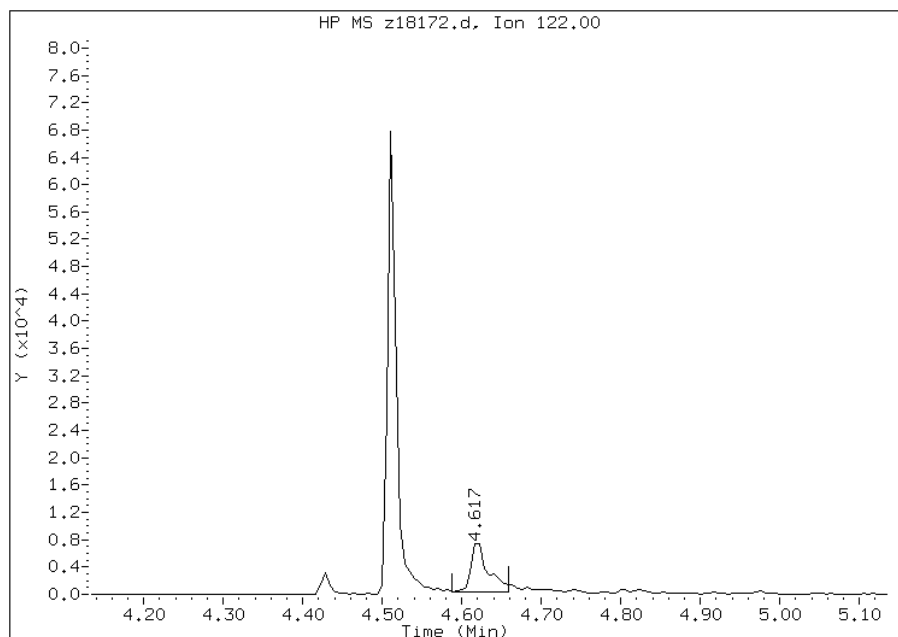
Processing Integration Results

RT: 4.74
Response: 784
Amount: 0
Conc: 0



Manual Integration Results

RT: 4.62
Response: 10971
Amount: 3
Conc: 3



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18173.d
 Report Date: 05-Jul-2011 13:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18173.d
 Lab Smp Id: IC-1037499
 Inj Date : 05-JUL-2011 12:12
 Operator : BNAMS 4
 Smp Info : IC-1037499
 Misc Info : 80 ppm bna 4569
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:15 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:12 Cal File: z18173.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: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.070	1.070	(0.304)	533819	80.0000	71(H)
19 N-Nitrosodimethylamine	74	1.276	1.276	(0.363)	729331	80.0000	78(H)
71 Pyridine	79	1.294	1.294	(0.368)	1329649	80.0000	76(H)
\$ 16 2-Fluorophenol (SUR)	112	2.293	2.293	(0.652)	1142428	80.0000	77
110 Benzaldehyde	77	3.064	3.064	(0.871)	190427	80.0000	32
\$ 17 Phenol-d5 (SUR)	99	3.205	3.205	(0.911)	1358122	80.0000	77
1 Phenol	94	3.217	3.217	(0.915)	1528690	80.0000	76
73 Aniline	93	3.188	3.188	(0.906)	1820971	80.0000	78
20 bis(2-Chloroethyl)ether	93	3.270	3.270	(0.930)	1294507	80.0000	80
2 2-Chlorophenol	128	3.311	3.311	(0.941)	1255519	80.0000	77
113 n-decane	43	3.382	3.382	(0.962)	1356595	80.0000	70
21 1,3-Dichlorobenzene	146	3.458	3.458	(0.983)	1490638	80.0000	80
* 79 1,4-Dichlorobenzene-d4	152	3.517	3.517	(1.000)	474200	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18173.d
Report Date: 05-Jul-2011 13:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.535	3.535	(1.005)	1507127	80.0000	80
74 Benzyl Alcohol	108	3.688	3.688	(1.048)	709759	80.0000	83
23 1,2-Dichlorobenzene	146	3.688	3.688	(1.048)	1378483	80.0000	80
3 2-Methylphenol	108	3.829	3.829	(1.089)	980009	80.0000	77
24 bis (2-chloroisopropyl) ether	45	3.817	3.817	(1.085)	1482855	80.0000	71
104 Acetophenone	105	3.958	3.958	(1.125)	1573208	80.0000	79
126 O-Toluidine	107	3.940	3.940	(1.120)	1376902	80.0000	80
4 4-Methylphenol	108	3.993	3.993	(1.135)	1089743	80.0000	79
123 3 & 4 Methylphenol	108	3.993	3.993	(1.135)	1089743	80.0000	78
25 N-Nitroso-di-n-propylamine	70	3.976	3.976	(1.130)	762043	80.0000	79(H)
26 Hexachloroethane	117	4.029	4.029	(1.145)	626624	80.0000	79
\$ 76 Nitrobenzene-d5 (SUR)	82	4.099	4.099	(0.852)	1342189	80.0000	81
27 Nitrobenzene	77	4.123	4.123	(0.857)	1806625	80.0000	79
107 N,N-Dimethylaniline	120	4.129	4.129	(1.174)	1892112	80.0000	85
28 Isophorone	82	4.370	4.370	(0.908)	1953244	80.0000	80
5 2-Nitrophenol	139	4.440	4.440	(0.923)	592081	80.0000	81
6 2,4-Dimethylphenol	122	4.529	4.529	(0.941)	935377	80.0000	78
29 bis(2-Chloroethoxy)methane	93	4.611	4.611	(0.958)	1264320	80.0000	81
15 Benzoic Acid	122	4.729	4.729	(0.983)	469685	80.0000	110
7 2,4-Dichlorophenol	162	4.699	4.699	(0.977)	799700	80.0000	79
30 1,2,4-Trichlorobenzene	180	4.764	4.764	(0.990)	982118	80.0000	79
* 80 Naphthalene-d8	136	4.811	4.811	(1.000)	1590606	40.0000	
31 Naphthalene	128	4.835	4.835	(1.005)	3553917	80.0000	80
32 4-Chloroaniline	127	4.911	4.911	(1.021)	1209832	80.0000	81
33 Hexachlorobutadiene	225	4.982	4.982	(1.035)	565896	80.0000	80
111 Caprolactam	113	5.317	5.317	(1.105)	210864	80.0000	82
8 4-Chloro-3-methylphenol	107	5.446	5.446	(1.132)	813234	80.0000	82
34 2-Methylnaphthalene	142	5.534	5.534	(1.150)	1985002	80.0000	81
120 1-Methylnaphthalene	142	5.634	5.634	(1.171)	2023686	80.0000	82
35 Hexachlorocyclopentadiene	237	5.705	5.705	(0.870)	506699	80.0000	87
129 1,2,4,5-Tetrachlorobenzene	216	5.711	5.711	(0.871)	863034	80.0000	79
121 2-tert-Butyl-4-methylphenol	149	5.787	5.787	(1.203)	1301102	80.0000	80
9 2,4,6-Trichlorophenol	196	5.840	5.840	(0.891)	493177	80.0000	80
10 2,4,5-Trichlorophenol	196	5.882	5.882	(0.897)	491510	80.0000	81
\$ 77 2-Fluorobiphenyl (SUR)	172	5.917	5.917	(0.902)	1960535	80.0000	81
102 Diphenyl	154	6.011	6.011	(0.917)	2198426	80.0000	79
36 2-Chloronaphthalene	162	6.017	6.017	(0.917)	1628632	80.0000	79
103 Diphenyl Ether	170	6.117	6.117	(0.933)	1143957	80.0000	78
37 2-Nitroaniline	65	6.140	6.140	(0.936)	545226	80.0000	81(H)
125 1,3-Dimethylnaphthalene	156	6.240	6.240	(0.952)	1386230	80.0000	80
38 Dimethylphthalate	163	6.340	6.340	(0.967)	1518359	80.0000	80
114 Coumarin	146	6.334	6.334	(1.317)	496445	80.0000	84
40 2,6-Dinitrotoluene	165	6.387	6.387	(0.974)	354141	80.0000	86
39 Acenaphthylene	152	6.423	6.423	(0.979)	2477007	80.0000	80
41 3-Nitroaniline	138	6.546	6.546	(0.998)	361147	80.0000	86
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	695133	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.623	6.623	(1.010)	1470284	80.0000	82

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18173.d
 Report Date: 05-Jul-2011 13:15

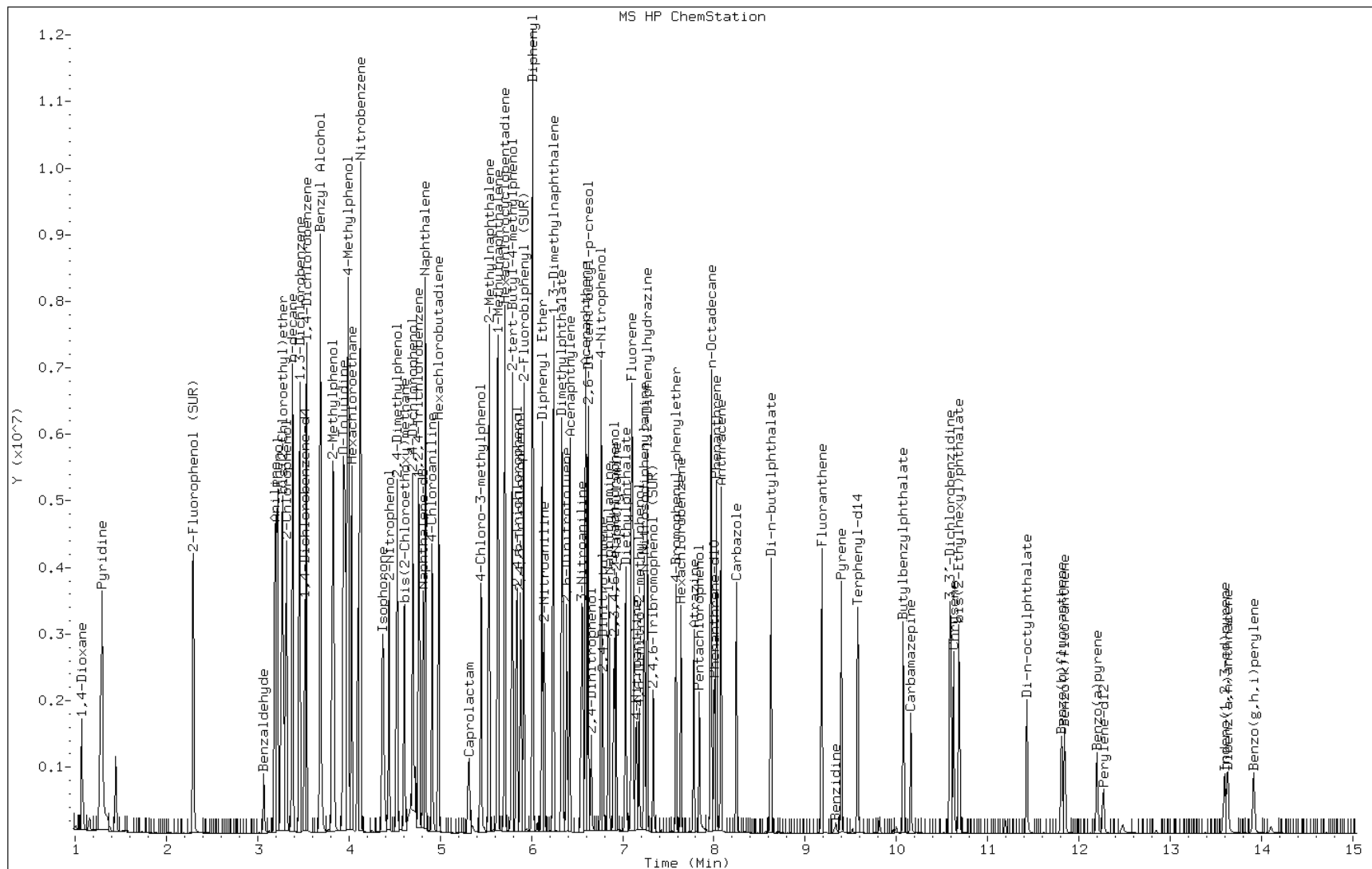
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	6.593	6.593	(1.005)	1508608	80.0000	81
11 2,4-Dinitrophenol	184	6.658	6.658	(1.015)	169896	80.0000	100
12 4-Nitrophenol	65	6.758	6.758	(1.030)	302357	80.0000	86
44 2,4-Dinitrotoluene	165	6.787	6.787	(1.035)	425566	80.0000	82
43 Dibenzofuran	168	6.764	6.764	(1.031)	2037734	80.0000	80
127 1-Naphthylamine	143	6.846	6.846	(1.044)	1142427	80.0000	81
130 2,3,4,6-Tetrachlorophenol	232	6.905	6.905	(1.053)	317914	80.0000	83
128 2-Naphthylamine	143	6.928	6.928	(1.056)	1136441	80.0000	79
45 Diethylphthalate	149	7.034	7.034	(1.073)	1480300	80.0000	82
46 4-Chlorophenyl-phenylether	204	7.117	7.117	(1.085)	746670	80.0000	81
47 Fluorene	166	7.099	7.099	(1.083)	1640737	80.0000	82
48 4-Nitroaniline	138	7.152	7.152	(1.091)	266815	80.0000	84
13 4,6-Dinitro-2-methylphenol	198	7.181	7.181	(0.897)	213983	80.0000	89
49 N-Nitrosodiphenylamine	169	7.240	7.240	(0.904)	1004278	80.0000	83
75 1,2-Diphenylhydrazine	77	7.270	7.270	(0.908)	2030273	80.0000	82
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.340	7.340	(1.119)	203747	80.0000	87
50 4-Bromophenyl-phenylether	248	7.587	7.587	(0.948)	362780	80.0000	82
51 Hexachlorobenzene	284	7.640	7.640	(0.954)	382332	80.0000	82
112 Atrazine	200	7.781	7.781	(0.972)	317441	80.0000	80
14 Pentachlorophenol	266	7.840	7.840	(0.979)	192467	80.0000	88
115 n-Octadecane	57	7.970	7.970	(0.996)	1243820	80.0000	76
* 83 Phenanthrene-d10	188	8.005	8.005	(1.000)	825118	40.0000	
52 Phenanthrene	178	8.028	8.028	(1.003)	1859752	80.0000	81
53 Anthracene	178	8.075	8.075	(1.009)	1881306	80.0000	81
54 Carbazole	167	8.246	8.246	(1.030)	1467798	80.0000	80
55 Di-n-butylphthalate	149	8.623	8.623	(1.077)	1948467	80.0000	82
56 Fluoranthene	202	9.181	9.181	(1.147)	1530218	80.0000	80
58 Benzidine	184	9.334	9.334	(1.166)	76491	80.0000	32
57 Pyrene	202	9.399	9.399	(0.887)	1496413	80.0000	86
\$ 78 Terphenyl-d14	244	9.575	9.575	(0.903)	897519	80.0000	87
59 Butylbenzylphthalate	149	10.075	10.075	(0.951)	622182	80.0000	86
124 Carbamazepine	193	10.158	10.158	(0.958)	415062	80.0000	94
60 3,3'-Dichlorobenzidine	252	10.587	10.587	(0.999)	241846	80.0000	75
61 Benzo(a)anthracene	228	10.593	10.593	(0.999)	922323	80.0000	78
* 81 Chrysene-d12	240	10.599	10.599	(1.000)	435104	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.008)	804770	80.0000	85
62 Chrysene	228	10.628	10.628	(1.003)	882240	80.0000	80
64 Di-n-octylphthalate	149	11.428	11.428	(0.931)	1183485	80.0000	91
65 Benzo(b)fluoranthene	252	11.811	11.811	(0.963)	719900	80.0000	83
66 Benzo(k)fluoranthene	252	11.846	11.846	(0.965)	731484	80.0000	82
67 Benzo(a)pyrene	252	12.199	12.199	(0.994)	575841	80.0000	86
* 84 Perylene-d12	264	12.269	12.269	(1.000)	306818	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.599	13.599	(1.108)	538030	80.0000	88
69 Dibenz(a,h)anthracene	278	13.634	13.634	(1.111)	529752	80.0000	86
70 Benzo(g,h,i)perylene	276	13.916	13.916	(1.134)	541223	80.0000	82

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18173.d
Report Date: 05-Jul-2011 13:15

QC Flag Legend

H - Operator selected an alternate compound hit.

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18174.d
 Report Date: 05-Jul-2011 13:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18174.d
 Lab Smp Id: IC-1037484
 Inj Date : 05-JUL-2011 12:34
 Operator : BNAMS 4
 Smp Info : IC-1037484
 Misc Info : 20 ppm bna 4569
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:15 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:34 Cal File: z18174.d
 Als bottle: 6 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane	88		1.047	1.047	(0.299)	144559	20.0000	21(H)
19 N-Nitrosodimethylamine	74		1.235	1.235	(0.352)	170956	20.0000	20
71 Pyridine	79		1.258	1.258	(0.359)	334161	20.0000	21
\$ 16 2-Fluorophenol (SUR)	112		2.270	2.270	(0.648)	281963	20.0000	21
110 Benzaldehyde	77		3.052	3.052	(0.871)	124155	20.0000	23
\$ 17 Phenol-d5 (SUR)	99		3.176	3.176	(0.906)	331900	20.0000	21
1 Phenol	94		3.188	3.188	(0.909)	368674	20.0000	20
73 Aniline	93		3.170	3.170	(0.904)	426932	20.0000	20
20 bis(2-Chloroethyl)ether	93		3.246	3.246	(0.926)	292953	20.0000	20
2 2-Chlorophenol	128		3.294	3.294	(0.940)	302502	20.0000	20
113 n-decane	43		3.370	3.370	(0.961)	363327	20.0000	20
21 1,3-Dichlorobenzene	146		3.446	3.446	(0.983)	337379	20.0000	20
* 79 1,4-Dichlorobenzene-d4	152		3.505	3.505	(1.000)	430576	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18174.d
Report Date: 05-Jul-2011 13:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.523	3.523	(1.005)	335725	20.0000	20
74 Benzyl Alcohol	108	3.670	3.670	(1.047)	156732	20.0000	20
23 1,2-Dichlorobenzene	146	3.676	3.676	(1.049)	306770	20.0000	20
3 2-Methylphenol	108	3.811	3.811	(1.087)	230590	20.0000	20
24 bis (2-chloroisopropyl) ether	45	3.811	3.811	(1.087)	395712	20.0000	21
104 Acetophenone	105	3.935	3.935	(1.122)	364590	20.0000	20
126 0-Toluidine	107	3.923	3.923	(1.119)	310065	20.0000	20
4 4-Methylphenol	108	3.970	3.970	(1.133)	256856	20.0000	20
123 3 & 4 Methylphenol	108	3.970	3.970	(1.133)	263225	20.0000	21
25 N-Nitroso-di-n-propylamine	70	3.946	3.946	(1.126)	184598	20.0000	21
26 Hexachloroethane	117	4.023	4.023	(1.148)	145545	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.082	4.082	(0.849)	308004	20.0000	20
27 Nitrobenzene	77	4.099	4.099	(0.853)	412228	20.0000	20
107 N,N-Dimethylaniline	120	4.111	4.111	(1.173)	417493	20.0000	20
28 Isophorone	82	4.352	4.352	(0.906)	437185	20.0000	20
5 2-Nitrophenol	139	4.429	4.429	(0.922)	133225	20.0000	20
6 2,4-Dimethylphenol	122	4.511	4.511	(0.939)	219205	20.0000	20
29 bis(2-Chloroethoxy)methane	93	4.593	4.593	(0.956)	280128	20.0000	20
15 Benzoic Acid	122	4.652	4.652	(0.968)	75471	20.0000	19(MH)
7 2,4-Dichlorophenol	162	4.688	4.688	(0.976)	187636	20.0000	20
30 1,2,4-Trichlorobenzene	180	4.758	4.758	(0.990)	226049	20.0000	20
* 80 Naphthalene-d8	136	4.805	4.805	(1.000)	1435319	40.0000	
31 Naphthalene	128	4.829	4.829	(1.005)	784549	20.0000	20
32 4-Chloroaniline	127	4.905	4.905	(1.021)	272620	20.0000	20
33 Hexachlorobutadiene	225	4.976	4.976	(1.035)	126255	20.0000	20
111 Caprolactam	113	5.246	5.246	(1.092)	46546	20.0000	20(H)
8 4-Chloro-3-methylphenol	107	5.435	5.435	(1.131)	181954	20.0000	20
34 2-Methylnaphthalene	142	5.529	5.529	(1.151)	439508	20.0000	20
120 1-Methylnaphthalene	142	5.623	5.623	(1.170)	433465	20.0000	19
35 Hexachlorocyclopentadiene	237	5.699	5.699	(0.869)	96409	20.0000	18
129 1,2,4,5-Tetrachlorobenzene	216	5.705	5.705	(0.870)	190785	20.0000	20
121 2-tert-Butyl-4-methylphenol	149	5.776	5.776	(1.202)	293553	20.0000	20
9 2,4,6-Trichlorophenol	196	5.829	5.829	(0.889)	108797	20.0000	20
10 2,4,5-Trichlorophenol	196	5.870	5.870	(0.895)	110714	20.0000	20
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.901)	429859	20.0000	20
102 Diphenyl	154	5.999	5.999	(0.915)	484460	20.0000	19
36 2-Chloronaphthalene	162	6.011	6.011	(0.917)	361949	20.0000	20
103 Diphenyl Ether	170	6.111	6.111	(0.932)	258020	20.0000	20
37 2-Nitroaniline	65	6.129	6.129	(0.935)	122159	20.0000	20
125 1,3-Dimethylnaphthalene	156	6.234	6.234	(0.951)	301336	20.0000	19
38 Dimethylphthalate	163	6.329	6.329	(0.965)	329963	20.0000	20
114 Coumarin	146	6.317	6.317	(1.315)	101895	20.0000	19
40 2,6-Dinitrotoluene	165	6.376	6.376	(0.972)	74474	20.0000	20
39 Acenaphthylene	152	6.411	6.411	(0.978)	541245	20.0000	20
41 3-Nitroaniline	138	6.534	6.534	(0.996)	73485	20.0000	20
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	619597	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.617	6.617	(1.009)	301261	20.0000	19

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18174.d
 Report Date: 05-Jul-2011 13:15

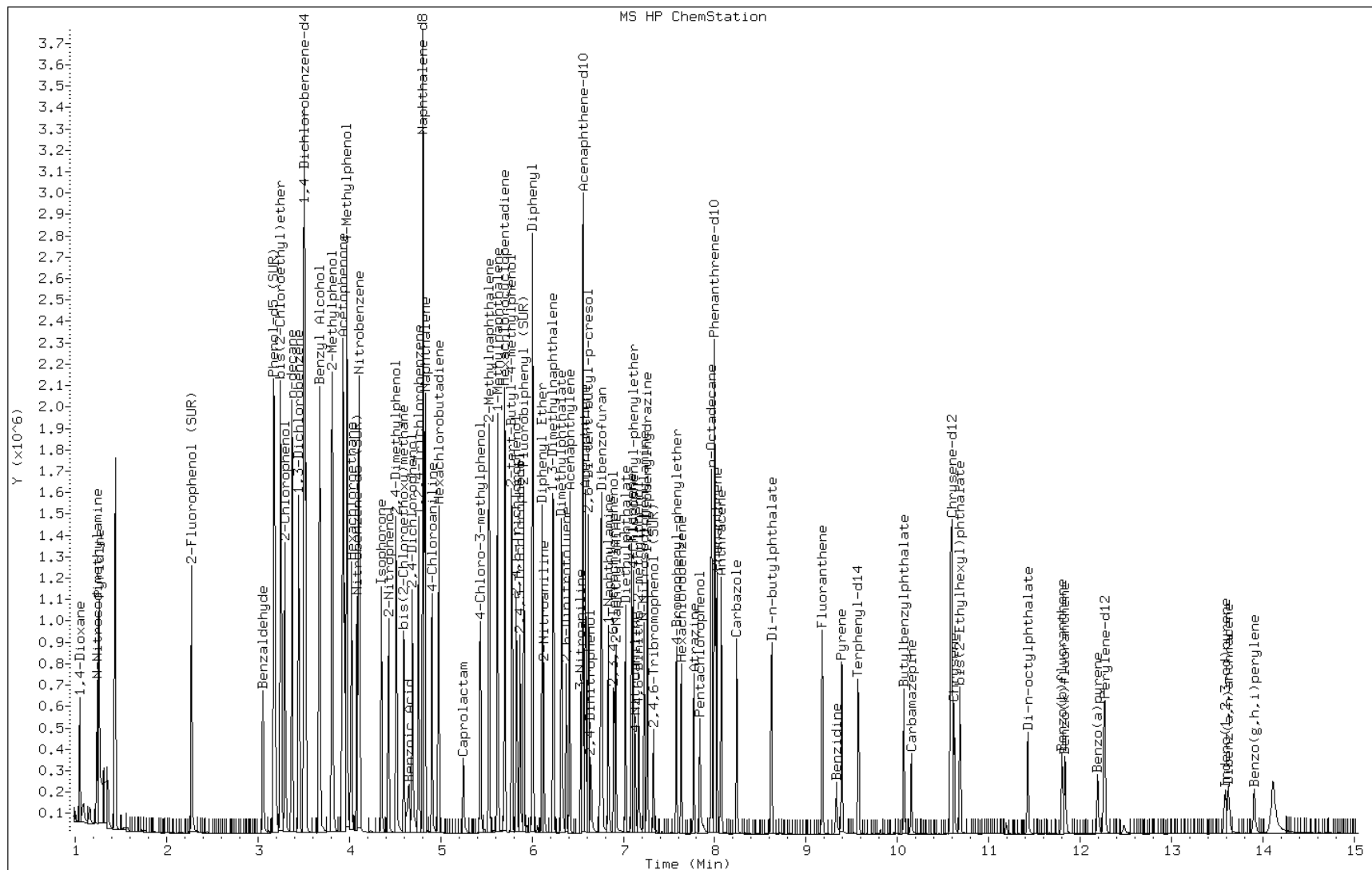
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	6.587	6.587	(1.004)	326320	20.0000	20
11 2,4-Dinitrophenol	184	6.640	6.640	(1.013)	44400	30.0000	29
12 4-Nitrophenol	65	6.746	6.746	(1.029)	92890	30.0000	30
44 2,4-Dinitrotoluene	165	6.770	6.770	(1.032)	86717	20.0000	19
43 Dibenzofuran	168	6.758	6.758	(1.030)	444271	20.0000	20
127 1-Naphthylamine	143	6.834	6.834	(1.042)	241944	20.0000	19
130 2,3,4,6-Tetrachlorophenol	232	6.899	6.899	(1.052)	66722	20.0000	20
128 2-Naphthylamine	143	6.917	6.917	(1.055)	254604	20.0000	20
45 Diethylphthalate	149	7.023	7.023	(1.071)	314215	20.0000	20
46 4-Chlorophenyl-phenylether	204	7.105	7.105	(1.083)	160985	20.0000	20
47 Fluorene	166	7.093	7.093	(1.082)	353594	20.0000	20
48 4-Nitroaniline	138	7.129	7.129	(1.087)	56293	20.0000	20
13 4,6-Dinitro-2-methylphenol	198	7.164	7.164	(0.896)	61639	30.0000	30
49 N-Nitrosodiphenylamine	169	7.229	7.229	(0.904)	208166	20.0000	20
75 1,2-Diphenylhydrazine	77	7.258	7.258	(0.907)	434243	20.0000	20
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.329	7.329	(1.117)	40070	20.0000	19
50 4-Bromophenyl-phenylether	248	7.581	7.581	(0.948)	76238	20.0000	20
51 Hexachlorobenzene	284	7.634	7.634	(0.954)	78786	20.0000	19
112 Atrazine	200	7.770	7.770	(0.971)	67098	20.0000	19
14 Pentachlorophenol	266	7.834	7.834	(0.979)	55919	30.0000	29
115 n-Octadecane	57	7.964	7.964	(0.996)	286428	20.0000	20
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	719292	40.0000	
52 Phenanthrene	178	8.023	8.023	(1.003)	396256	20.0000	20
53 Anthracene	178	8.070	8.070	(1.009)	395478	20.0000	20
54 Carbazole	167	8.240	8.240	(1.030)	311414	20.0000	19
55 Di-n-butylphthalate	149	8.623	8.623	(1.078)	406147	20.0000	20
56 Fluoranthene	202	9.175	9.175	(1.147)	325766	20.0000	20
58 Benzidine	184	9.328	9.328	(1.166)	95304	30.0000	46
57 Pyrene	202	9.393	9.393	(0.887)	319573	20.0000	20
\$ 78 Terphenyl-d14	244	9.570	9.570	(0.903)	188692	20.0000	19
59 Butylbenzylphthalate	149	10.070	10.070	(0.951)	131475	20.0000	20
124 Carbamazepine	193	10.152	10.152	(0.958)	81973	20.0000	20
60 3,3'-Dichlorobenzidine	252	10.581	10.581	(0.999)	94527	30.0000	31
61 Benzo(a)anthracene	228	10.581	10.581	(0.999)	212220	20.0000	19
* 81 Chrysene-d12	240	10.593	10.593	(1.000)	406952	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.009)	177826	20.0000	20
62 Chrysene	228	10.622	10.622	(1.003)	207113	20.0000	20
64 Di-n-octylphthalate	149	11.428	11.428	(0.931)	251286	20.0000	20
65 Benzo(b)fluoranthene	252	11.805	11.805	(0.962)	171525	20.0000	20
66 Benzo(k)fluoranthene	252	11.834	11.834	(0.965)	173051	20.0000	20
67 Benzo(a)pyrene	252	12.193	12.193	(0.994)	132675	20.0000	20
* 84 Perylene-d12	264	12.269	12.269	(1.000)	303445	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.587	13.587	(1.107)	114843	20.0000	19
69 Dibenz(a,h)anthracene	278	13.622	13.622	(1.110)	113985	20.0000	19
70 Benzo(g,h,i)perylene	276	13.910	13.910	(1.134)	127261	20.0000	20

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18174.d
Report Date: 05-Jul-2011 13:15

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Operator: BNAMS 4

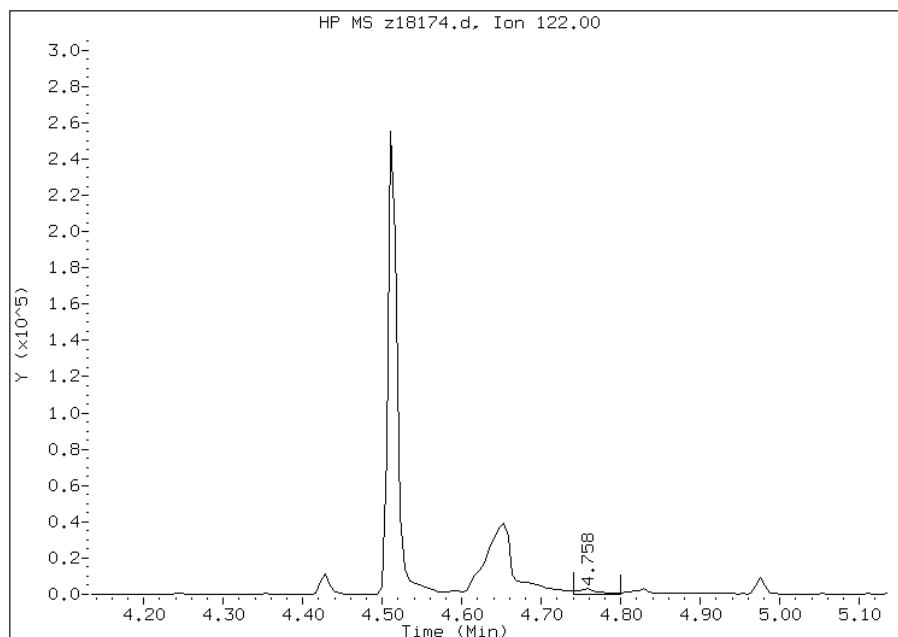


Manual Integration Report

Data File: z18174.d
Inj. Date and Time: 05-JUL-2011 12:34
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/06/2011

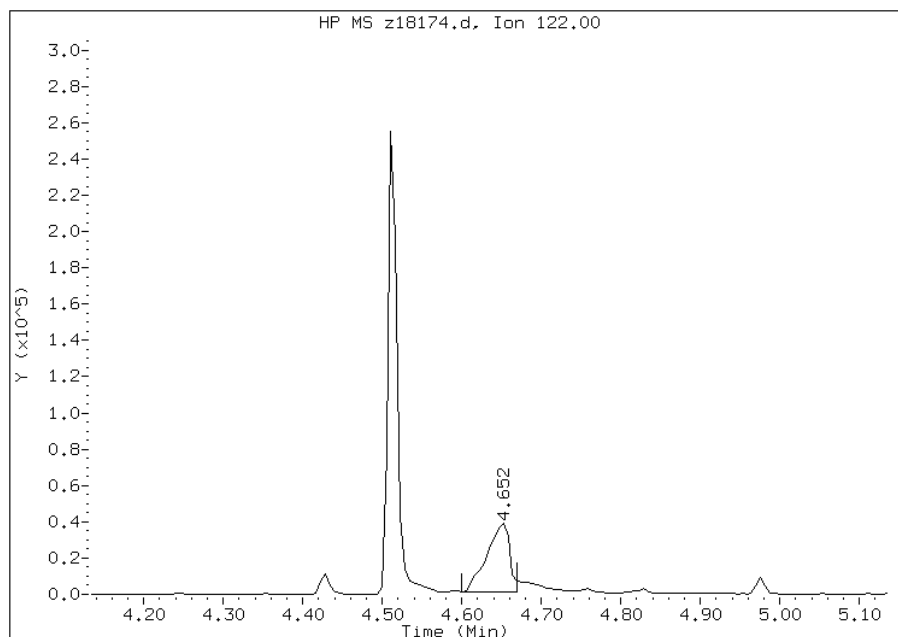
Processing Integration Results

RT: 4.76
Response: 4990
Amount: 1
Conc: 1



Manual Integration Results

RT: 4.65
Response: 75471
Amount: 19
Conc: 19



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18175.d
 Report Date: 05-Jul-2011 13:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18175.d
 Lab Smp Id: IC-1037483
 Inj Date : 05-JUL-2011 12:56
 Operator : BNAMS 4
 Smp Info : IC-1037483
 Misc Info : 10 ppm bna 4569
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:15 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.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: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane	88		1.052	1.052	(0.300)	83344	10.0000	11
19 N-Nitrosodimethylamine	74		1.241	1.241	(0.354)	100038	10.0000	11(H)
71 Pyridine	79		1.264	1.264	(0.361)	182790	10.0000	10
\$ 16 2-Fluorophenol (SUR)	112		2.276	2.276	(0.649)	156346	10.0000	10
110 Benzaldehyde	77		3.052	3.052	(0.871)	90995	10.0000	15
\$ 17 Phenol-d5 (SUR)	99		3.170	3.170	(0.904)	189637	10.0000	11
1 Phenol	94		3.188	3.188	(0.909)	218032	10.0000	11
73 Aniline	93		3.170	3.170	(0.904)	241477	10.0000	10
20 bis(2-Chloroethyl)ether	93		3.246	3.246	(0.926)	161082	10.0000	10
2 2-Chlorophenol	128		3.294	3.294	(0.940)	177214	10.0000	11
113 n-decane	43		3.370	3.370	(0.961)	211267	10.0000	11
21 1,3-Dichlorobenzene	146		3.446	3.446	(0.983)	188557	10.0000	10
* 79 1,4-Dichlorobenzene-d4	152		3.505	3.505	(1.000)	475175	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18175.d
Report Date: 05-Jul-2011 13:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.523	3.523	(1.005)	185197	10.0000	9.8
74 Benzyl Alcohol	108	3.670	3.670	(1.047)	83928	10.0000	9.8
23 1,2-Dichlorobenzene	146	3.676	3.676	(1.049)	170697	10.0000	9.9
3 2-Methylphenol	108	3.811	3.811	(1.087)	138355	10.0000	11
24 bis (2-chloroisopropyl) ether	45	3.811	3.811	(1.087)	228950	10.0000	11
104 Acetophenone	105	3.929	3.929	(1.121)	203513	10.0000	10
126 O-Toluidine	107	3.923	3.923	(1.119)	175217	10.0000	10
4 4-Methylphenol	108	3.970	3.970	(1.133)	143127	10.0000	10
123 3 & 4 Methylphenol	108	3.970	3.970	(1.133)	146750	10.0000	10
25 N-Nitroso-di-n-propylamine	70	3.946	3.946	(1.126)	104596	10.0000	11
26 Hexachloroethane	117	4.023	4.023	(1.148)	80893	10.0000	10
\$ 76 Nitrobenzene-d5 (SUR)	82	4.076	4.076	(0.848)	163519	10.0000	9.7
27 Nitrobenzene	77	4.099	4.099	(0.853)	232106	10.0000	9.9
107 N,N-Dimethylaniline	120	4.105	4.105	(1.171)	227166	10.0000	10
28 Isophorone	82	4.346	4.346	(0.905)	251965	10.0000	10
5 2-Nitrophenol	139	4.429	4.429	(0.922)	74830	10.0000	10
6 2,4-Dimethylphenol	122	4.511	4.511	(0.939)	123825	10.0000	10
29 bis(2-Chloroethoxy)methane	93	4.593	4.593	(0.956)	159375	10.0000	10
15 Benzoic Acid	122	4.635	4.635	(0.964)	36867	10.0000	8.3(M)
7 2,4-Dichlorophenol	162	4.688	4.688	(0.976)	105750	10.0000	10
30 1,2,4-Trichlorobenzene	180	4.758	4.758	(0.990)	125070	10.0000	9.8
* 80 Naphthalene-d8	136	4.805	4.805	(1.000)	1619682	40.0000	
31 Naphthalene	128	4.829	4.829	(1.005)	443632	10.0000	9.9
32 4-Chloroaniline	127	4.905	4.905	(1.021)	154067	10.0000	10
33 Hexachlorobutadiene	225	4.976	4.976	(1.035)	71239	10.0000	9.9
111 Caprolactam	113	5.235	5.235	(1.089)	25591	10.0000	9.8
8 4-Chloro-3-methylphenol	107	5.429	5.429	(1.130)	104908	10.0000	10
34 2-Methylnaphthalene	142	5.529	5.529	(1.151)	248481	10.0000	9.9
120 1-Methylnaphthalene	142	5.623	5.623	(1.170)	253664	10.0000	10
35 Hexachlorocyclopentadiene	237	5.699	5.699	(0.869)	48700	10.0000	8.2
129 1,2,4,5-Tetrachlorobenzene	216	5.699	5.699	(0.869)	106250	10.0000	9.5
121 2-tert-Butyl-4-methylphenol	149	5.776	5.776	(1.202)	165076	10.0000	10
9 2,4,6-Trichlorophenol	196	5.829	5.829	(0.889)	63105	10.0000	10
10 2,4,5-Trichlorophenol	196	5.870	5.870	(0.895)	62448	10.0000	10
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.901)	239928	10.0000	9.6
102 Diphenyl	154	5.999	5.999	(0.915)	274802	10.0000	9.6
36 2-Chloronaphthalene	162	6.005	6.005	(0.916)	209491	10.0000	9.9
103 Diphenyl Ether	170	6.111	6.111	(0.932)	148783	10.0000	10
37 2-Nitroaniline	65	6.129	6.129	(0.935)	69028	10.0000	10
125 1,3-Dimethylnaphthalene	156	6.229	6.229	(0.950)	176124	10.0000	9.9
38 Dimethylphthalate	163	6.323	6.323	(0.964)	191452	10.0000	9.9
114 Coumarin	146	6.317	6.317	(1.315)	61609	10.0000	10
40 2,6-Dinitrotoluene	165	6.376	6.376	(0.972)	41351	10.0000	9.8
39 Acenaphthylene	152	6.411	6.411	(0.978)	309554	10.0000	9.8
41 3-Nitroaniline	138	6.535	6.535	(0.996)	40704	10.0000	9.4(a)
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	712331	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.617	6.617	(1.009)	175204	10.0000	9.6

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18175.d
Report Date: 05-Jul-2011 13:16

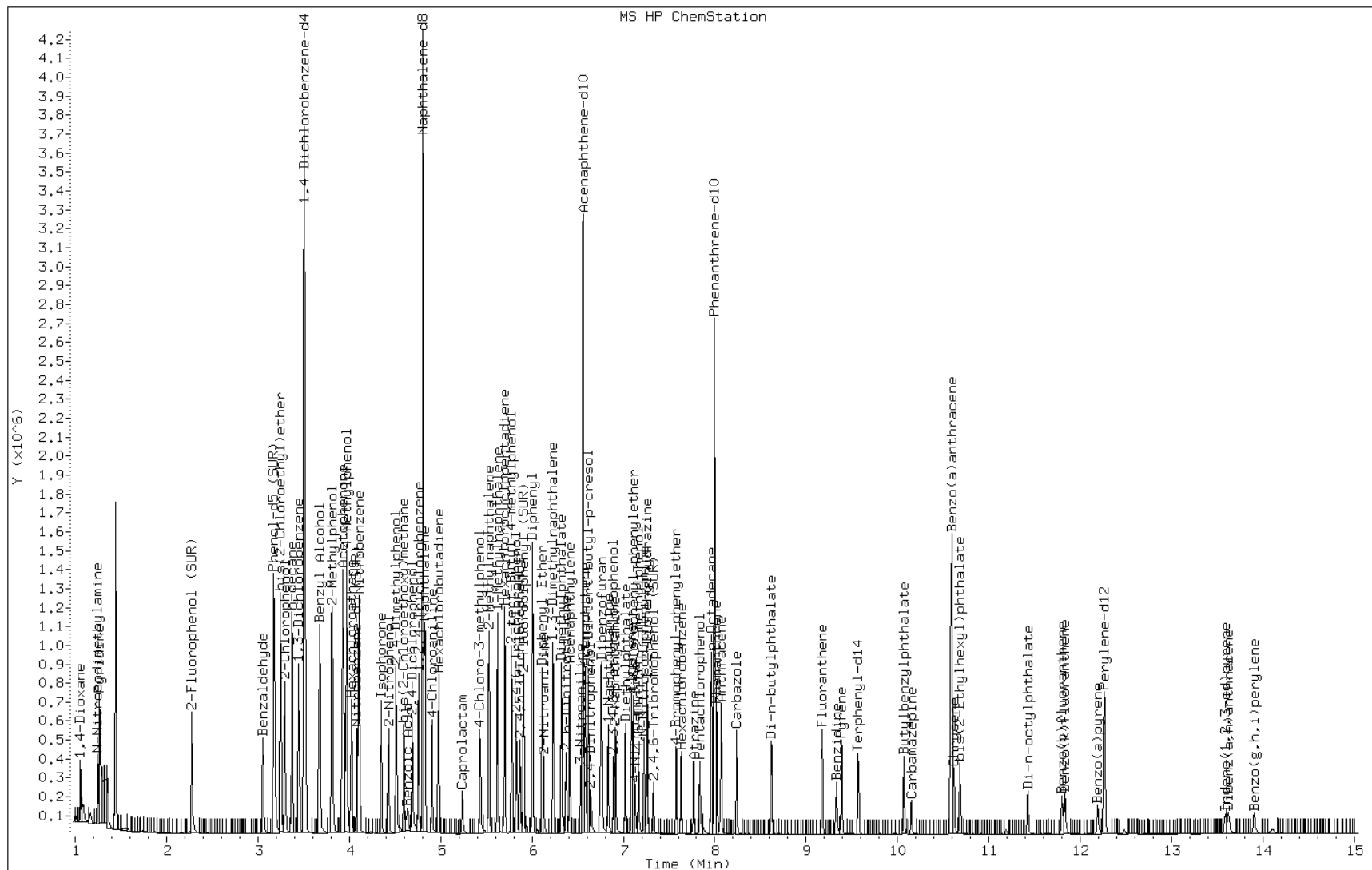
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	6.587	6.587	(1.004)	184177	10.0000	9.7
11 2,4-Dinitrophenol	184	6.640	6.640	(1.013)	27444	20.0000	16
12 4-Nitrophenol	65	6.746	6.746	(1.029)	63672	20.0000	18
44 2,4-Dinitrotoluene	165	6.770	6.770	(1.032)	52968	10.0000	9.9
43 Dibenzofuran	168	6.758	6.758	(1.030)	255769	10.0000	9.8
127 1-Naphthylamine	143	6.834	6.834	(1.042)	144982	10.0000	10
130 2,3,4,6-Tetrachlorophenol	232	6.899	6.899	(1.052)	37784	10.0000	9.7
128 2-Naphthylamine	143	6.911	6.911	(1.054)	149558	10.0000	10
45 Diethylphthalate	149	7.023	7.023	(1.071)	183046	10.0000	9.9
46 4-Chlorophenyl-phenylether	204	7.105	7.105	(1.083)	94766	10.0000	10
47 Fluorene	166	7.087	7.087	(1.081)	199989	10.0000	9.7
48 4-Nitroaniline	138	7.129	7.129	(1.087)	30941	10.0000	9.5(a)
13 4,6-Dinitro-2-methylphenol	198	7.164	7.164	(0.896)	44139	20.0000	19
49 N-Nitrosodiphenylamine	169	7.229	7.229	(0.904)	118899	10.0000	9.9
75 1,2-Diphenylhydrazine	77	7.258	7.258	(0.907)	247988	10.0000	10
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.329	7.329	(1.117)	22629	10.0000	9.4
50 4-Bromophenyl-phenylether	248	7.582	7.582	(0.948)	43314	10.0000	9.8
51 Hexachlorobenzene	284	7.634	7.634	(0.954)	47099	10.0000	10
112 Atrazine	200	7.770	7.770	(0.971)	39377	10.0000	10
14 Pentachlorophenol	266	7.834	7.834	(0.979)	38670	20.0000	18
115 n-Octadecane	57	7.964	7.964	(0.996)	166422	10.0000	10
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	817788	40.0000	
52 Phenanthrene	178	8.017	8.017	(1.002)	227750	10.0000	10
53 Anthracene	178	8.070	8.070	(1.009)	224604	10.0000	9.8
54 Carbazole	167	8.240	8.240	(1.030)	180587	10.0000	9.9
55 Di-n-butylphthalate	149	8.617	8.617	(1.077)	228587	10.0000	9.8
56 Fluoranthene	202	9.175	9.175	(1.147)	188142	10.0000	10
58 Benzidine	184	9.328	9.328	(1.166)	104206	20.0000	44
57 Pyrene	202	9.387	9.387	(0.886)	188343	10.0000	9.7
\$ 78 Terphenyl-d14	244	9.570	9.570	(0.903)	108651	10.0000	9.5
59 Butylbenzylphthalate	149	10.070	10.070	(0.951)	75969	10.0000	9.6
124 Carbamazepine	193	10.152	10.152	(0.958)	42730	10.0000	8.8
60 3,3'-Dichlorobenzidine	252	10.581	10.581	(0.999)	76607	10.0000	21
61 Benzo(a)anthracene	228	10.587	10.587	(0.999)	125963	10.0000	9.6
* 81 Chrysene-d12	240	10.593	10.593	(1.000)	480913	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.009)	100184	10.0000	9.6
62 Chrysene	228	10.622	10.622	(1.003)	120601	10.0000	9.9
64 Di-n-octylphthalate	149	11.428	11.428	(0.932)	131638	10.0000	9.0
65 Benzo(b)fluoranthene	252	11.805	11.805	(0.963)	96264	10.0000	9.9
66 Benzo(k)fluoranthene	252	11.834	11.834	(0.965)	97127	10.0000	9.7
67 Benzo(a)pyrene	252	12.193	12.193	(0.994)	73214	10.0000	9.7
* 84 Perylene-d12	264	12.264	12.264	(1.000)	344570	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.593	13.593	(1.108)	63524	10.0000	9.2
69 Dibenz(a,h)anthracene	278	13.628	13.628	(1.111)	64793	10.0000	9.3
70 Benzo(g,h,i)perylene	276	13.911	13.911	(1.134)	68048	10.0000	9.2

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18175.d
Report Date: 05-Jul-2011 13:16

QC Flag Legend

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

Operator: BNAMS 4

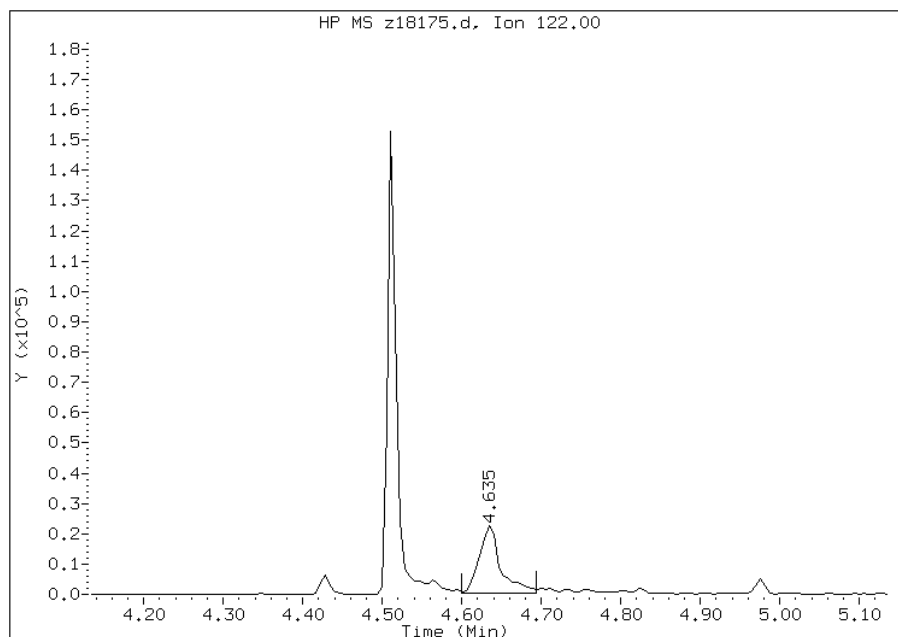


Manual Integration Report

Data File: z18175.d
Inj. Date and Time: 05-JUL-2011 12:56
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/06/2011

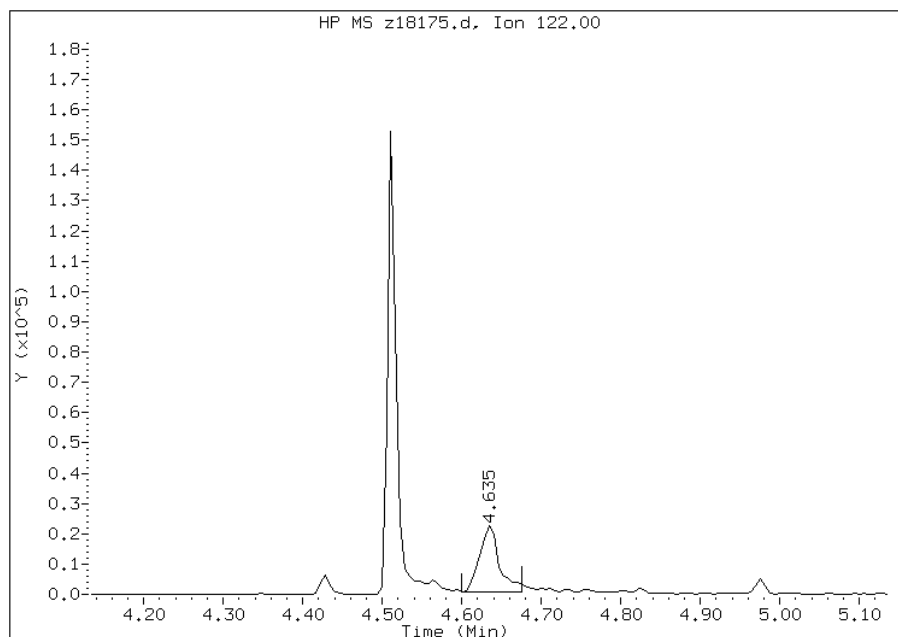
Processing Integration Results

RT: 4.63
Response: 41487
Amount: 9
Conc: 9



Manual Integration Results

RT: 4.63
Response: 36867
Amount: 8
Conc: 8



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-78346/7	x16109.d
Level 2	IC 460-78346/6	x16108.d
Level 3	IC 460-78346/5	x16107.d
Level 4	ICIS 460-78346/2	x16104.d
Level 5	IC 460-78346/4	x16106.d
Level 6	IC 460-78346/3	x16105.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								
1,4-Dioxane	0.6843 0.6051	0.6631	0.6502	0.5827	0.5811	Ave		0.6278				7.0		15.0			
N-Nitrosodimethylamine	0.9186 0.8075	0.9077	0.8846	0.7966	0.8254	Ave		0.8567				6.2		15.0			
Pyridine	1.1043 1.3631	1.2993	1.3833	1.3614	1.3757	Ave		1.3145				8.2		15.0			
2,3,7,8-TCDD (Screen)	++++ ++++	++++	++++	0.1585	++++	Ave		0.1585						15.0			
Benzaldehyde	1.2671 0.1814	1.0133	0.8549	0.2238	0.2932	Ave		0.6389				72.8	*	15.0			
Phenol	2.3117 1.2945	2.0859	1.8649	1.6241	1.4188	QuaF		0.4608	0.0812						0.9996		0.9900
Aniline	1.6929 1.4956	1.8994	1.8787	1.7741	1.5924	Ave		1.7222				9.3		15.0			
Bis(2-chloroethyl)ether	2.6911 1.3822	1.7809	1.5360	1.4104	1.3494	QuaF		0.6997	0.0070						0.9989		0.9900
2-Chlorophenol	1.7532 1.1340	1.6748	1.5391	1.3836	1.2435	QuaF		0.5705	0.0919						0.9999		0.9900
Decane	1.9460 1.2600	1.8262	1.6553	1.4633	1.2539	QuaF		0.6279	0.0468						0.9962		0.9900
1,3-Dichlorobenzene	1.9035 1.4132	1.8715	1.7259	1.5507	1.4210	Ave		1.6476				13.2		15.0			
1,4-Dichlorobenzene	1.8765 1.3586	1.8486	1.6954	1.5271	1.3812	Ave		1.6146				14.1		30.0			
Benzyl alcohol	0.8924 0.7051	0.8763	0.8620	0.8649	0.7552	Ave		0.8260				9.3		15.0			
1,2-Dichlorobenzene	1.7863 1.2241	1.7420	1.6068	1.4326	1.2844	QuaF		0.6014	0.0603						0.9993		0.9900
2-Methylphenol	1.4721 0.8793	1.3717	1.1980	1.1076	0.9866	QuaF		0.6719	0.1753						0.9998		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

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								
bis (2-chloroisopropyl) ether	2.3163 1.4414	2.1943	1.9758	1.7690	1.5082	QuaF		0.4718	0.0530						0.9980		0.9900
o-Toluidine	1.7423 1.2756	1.6498	1.5073	1.4564	1.3403	Ave		1.4953				11.9		15.0			
Acetophenone	2.1476 1.3902	1.8835	1.7114	1.5850	1.4347	QuaF		0.5694	0.0372						0.9992		0.9900
N-Nitrosodi-n-propylamine	1.0587 0.6223	0.9953	0.8804	0.8245	0.7101	QuaF		0.8283	0.4129		0.0500				0.9993		0.9900
3 & 4 Methylphenol	1.6150 0.9035	1.5188	1.3577	1.2365	1.0562	QuaF		0.4937	0.2221						0.9988		0.9900
4-Methylphenol	1.5403 0.8871	1.4605	1.3252	1.2104	1.0379	QuaF		0.5097	0.2275						0.9988		0.9900
Hexachloroethane	0.6988 0.5440	0.6874	0.6510	0.6023	0.5562	Ave		0.6233				10.6		15.0			
Nitrobenzene	0.5888 0.4200	0.5762	0.5321	0.4937	0.4311	Ave		0.5070				14.1		15.0			
n,n'-Dimethylaniline	1.7544 1.4903	2.1495	1.9518	1.7526	1.5747	Ave		1.7789				13.6		15.0			
Isophorone	0.7432 0.6116	0.7158	0.6687	0.6549	0.6302	Ave		0.6707				7.5		15.0			
2-Nitrophenol	0.2299 0.1839	0.2276	0.2114	0.2061	0.1907	Ave		0.2083				9.0		30.0			
2,4-Dimethylphenol	0.3885 0.2523	0.3588	0.3294	0.3005	0.2773	QuaF		2.6915	1.6743						1.0000		0.9900
Bis (2-chloroethoxy)methane	0.4825 0.3754	0.4667	0.4361	0.4145	0.3908	Ave		0.4277				9.8		15.0			
Benzoic acid	0.0186 0.1341	0.0790	0.1307	0.1279	0.1578	Ave		0.1080				47.0	*	15.0			
2,4-Dichlorophenol	0.3361 0.2202	0.3199	0.2961	0.2689	0.2464	QuaF		2.8747	2.4952						0.9998		0.9900
1,2,4-Trichlorobenzene	0.3832 0.2769	0.3637	0.3419	0.3097	0.2815	Ave		0.3262				13.4		15.0			
Naphthalene	1.2437 0.8823	1.2141	1.1185	1.0081	0.9105	Ave		1.0628				14.4		15.0			
4-Chloroaniline	0.4568 0.3305	0.3993	0.3980	0.3726	0.3521	Ave		0.3849				11.5		15.0			
Hexachlorobutadiene	0.2269 0.1583	0.2087	0.1971	0.1778	0.1615	Ave		0.1884				14.5		30.0			
Caprolactam	0.0601 0.0845	0.0663	0.0752	0.0915	0.0901	QuaF		10.666	4.1444						0.9983		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3014 0.2249	0.2795	0.2678	0.2655	0.2553	Ave		0.2657				9.6		30.0			
2-Methylnaphthalene	0.7750 0.5357	0.7282	0.6751	0.6300	0.5657	Ave		0.6516				14.2		15.0			
1-Methylnaphthalene	0.8056 0.5429	0.7405	0.6783	0.6290	0.5708	QuaF		1.3956	0.2798						0.9996		0.9900
Hexachlorocyclopentadiene	0.2607 0.2823	0.2820	0.2823	0.3070	0.2652	Ave		0.2799			0.0500	5.8		15.0			
1,2,4,5-Tetrachlorobenzene	0.7243 0.4648	0.6460	0.6075	0.5000	0.4520	QuaF		1.8857	0.2128						0.9963		0.9900
2-tertbutyl-4-methylphenol	0.5267 0.3576	0.4774	0.4353	0.4100	0.3893	Ave		0.4327				14.2		15.0			
2,4,6-Trichlorophenol	0.4299 0.3105	0.3981	0.3825	0.3390	0.3313	Ave		0.3652				12.5		30.0			
2,4,5-Trichlorophenol	0.4276 0.3080	0.3967	0.3954	0.3430	0.3370	Ave		0.3679				12.3		15.0			
Diphenyl	1.9003 1.2697	1.7473	1.6341	1.4125	1.2438	QuaF		0.6699	0.0337						0.9965		0.9900
2-Chloronaphthalene	1.4004 0.9672	1.3462	1.2505	1.0822	0.9780	QuaF		0.8416	0.0701						0.9983		0.9900
Diphenyl ether	0.9820 0.7073	0.9560	0.8942	0.7839	0.7203	Ave		0.8406				14.2		15.0			
2-Nitroaniline	0.4263 0.3322	0.3875	0.3781	0.3450	0.3307	Ave		0.3666				10.3		15.0			
Dimethylnaphthalene, total	1.2272 0.8310	1.1588	1.0525	0.9250	0.8504	QuaF		0.9760	0.0954						0.9990		0.9900
Dimethyl phthalate	1.3445 0.9994	1.2805	1.2123	1.1495	1.0557	Ave		1.1737				11.2		15.0			
Coumarin	0.2309 0.1676	0.2077	0.1906	0.2005	0.1930	Ave		0.1984				10.5		15.0			
2,6-Dinitrotoluene	0.2749 0.2545	0.2923	0.2864	0.2662	0.2656	Ave		0.2733				5.2		15.0			
Acenaphthylene	2.2066 1.5419	2.0303	1.9134	1.6988	1.5875	Ave		1.8297				14.4		15.0			
3-Nitroaniline	0.3260 0.2844	0.3107	0.3154	0.3085	0.3027	Ave		0.3080				4.5		15.0			
3,5-di-tert-butyl-4-hydroxytol	1.1593 0.7234	1.1121	0.9620	0.8137	0.7490	QuaF		1.0616	0.1540						0.9987		0.9900
Acenaphthene	1.2348 0.7410	1.1591	1.0505	0.8789	0.7813	QuaF		0.9297	0.1950						0.9988		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrophenol	0.0940 0.1407	0.1014	0.1274	0.1377	0.1482	QuaF		7.5729	-1.417		0.0500				0.9945		0.9900
4-Nitrophenol	0.1693 0.2009	0.1743	0.1935	0.1823	0.1876	Ave		0.1847			0.0500	6.4		15.0			
2,4-Dinitrotoluene	0.3828 0.2661	0.3521	0.3372	0.3186	0.2889	Ave		0.3243				13.1		15.0			
Dibenzofuran	1.8200 1.1910	1.7276	1.5735	1.3695	1.2282	QuaF		0.6406	0.0580						0.9987		0.9900
1-Naphthylamine	0.5283 0.7915	0.7905	0.8134	0.8701	0.8512	QuaF		1.0737	0.0757						0.9992		0.9900
2,3,4,6-Tetrachlorophenol	0.3345 0.2516	0.3051	0.3016	0.2732	0.2753	Ave		0.2902				10.1		30.0			
2-Naphthylamine	0.9191 0.8515	1.0454	0.9493	0.9667	0.9270	Ave		0.9432				6.8		15.0			
Diethyl phthalate	1.2569 1.0152	1.2050	1.1638	1.1262	1.0809	Ave		1.1413				7.6		15.0			
Fluorene	1.3879 0.8938	1.3067	1.1973	1.0645	0.9546	QuaF		0.7788	0.1291						0.9996		0.9900
4-Chlorophenyl phenyl ether	0.6693 0.3977	0.6204	0.5565	0.4727	0.4195	QuaF		1.7354	0.6738						0.9989		0.9900
4-Nitroaniline	0.2799 0.2389	0.2386	0.2590	0.2550	0.2645	Ave		0.2560				6.2		15.0			
4,6-Dinitro-2-methylphenol	0.1216 0.1343	0.1245	0.1325	0.1383	0.1413	Ave		0.1321				5.8		15.0			
N-Nitrosodiphenylamine	0.6919 0.5416	0.6733	0.6430	0.5587	0.5409	Ave		0.6082				11.4		30.0			
1,2-Diphenylhydrazine	1.0322 0.9396	1.2202	1.1552	1.0189	0.9467	Ave		1.0521				10.8		15.0			
4-Bromophenyl phenyl ether	0.2778 0.2198	0.2760	0.2599	0.2378	0.2221	Ave		0.2489				10.4		15.0			
Hexachlorobenzene	0.3304 0.2410	0.3114	0.2871	0.2636	0.2448	Ave		0.2797				13.0		15.0			
Atrazine	0.2245 0.1853	0.2165	0.2008	0.2004	0.1875	Ave		0.2025				7.7		15.0			
Pentachlorophenol	0.1287 0.1387	0.1280	0.1449	0.1426	0.1444	Ave		0.1379				5.6		30.0			
n-Octadecane	0.8272 0.5655	0.8178	0.7451	0.6503	0.5673	QuaF		1.4000	0.2307						0.9971		0.9900
Phenanthrene	1.2506 0.9741	1.2422	1.1615	1.0798	1.0058	Ave		1.1190				10.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

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								
Anthracene	1.2570 0.9703	1.2231	1.1845	1.0631	0.9891	Ave		1.1145				11.1		15.0			
Carbazole	1.0293 0.8493	1.0060	0.9632	0.9172	0.8682	Ave		0.9389				7.8		15.0			
Di-n-butyl phthalate	1.2964 1.0900	1.2958	1.2530	1.2135	1.1113	Ave		1.2100				7.5		15.0			
Fluoranthene	1.0866 0.8697	1.0125	0.9992	0.9285	0.8809	Ave		0.9629				8.8		30.0			
Benzidine	0.1973 ++++	0.2753	0.1951	0.0412	0.0652	Ave		0.1548				63.7	*	15.0			
Pyrene	1.5967 1.2432	1.6261	1.4878	1.3999	1.3030	Ave		1.4428				10.8		15.0			
Butyl benzyl phthalate	0.6126 0.5988	0.6237	0.6166	0.6106	0.5908	Ave		0.6089				2.0		15.0			
Carbamazepine	0.1646 0.3603	0.1937	0.2441	0.3166	0.3216	QuaF		3.5942	-0.761						0.9988		0.9900
3,3'-Dichlorobenzidine	0.3670 0.3039	0.3531	0.3518	0.2913	0.2936	Ave		0.3268				10.4		15.0			
Benzo[a]anthracene	1.3078 1.0372	1.0725	1.0682	1.0487	1.0218	Ave		1.0927				9.8		15.0			
Chrysene	1.0800 0.9084	1.0694	1.0612	0.9897	0.9280	Ave		1.0061				7.5		15.0			
Bis(2-ethylhexyl) phthalate	0.8178 0.7399	0.8367	0.8197	0.8212	0.7496	Ave		0.7975				5.2		15.0			
Di-n-octyl phthalate	1.5706 1.4958	1.5779	1.6421	1.7300	1.5794	Ave		1.5993				4.9		30.0			
Benzo[b]fluoranthene	1.0328 1.1216	1.1580	1.1572	1.1251	1.1775	Ave		1.1287				4.6		15.0			
Benzo[k]fluoranthene	1.1625 1.2080	1.2359	1.2712	1.2151	1.1509	Ave		1.2073				3.7		15.0			
Benzo[a]pyrene	0.7806 0.9401	0.9083	0.9281	0.9310	0.9376	Ave		0.9043				6.8		30.0			
Indeno[1,2,3-cd]pyrene	0.7407 0.9391	0.7767	0.8338	0.7858	0.8504	Ave		0.8211				8.5		15.0			
Dibenz(a,h)anthracene	0.5235 0.9123	0.7818	0.8321	0.8260	0.8459	QuaF		1.2885	-0.070						0.9999		0.9900
Benzo[g,h,i]perylene	0.7039 0.9025	0.7812	0.8019	0.7899	0.8155	Ave		0.7991				8.0		15.0			
2-Fluorophenol	1.5111 1.1358	1.5089	1.4570	1.2760	1.2399	Ave		1.3548				11.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

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								
Phenol-d5	1.9581 1.1582	1.8108	1.6380	1.4420	1.3013	QuaF		0.5102	0.1011						0.9999		0.9900
Nitrobenzene-d5	0.4473 0.3500	0.4109	0.4016	0.3781	0.3683	Ave		0.3927				8.8		15.0			
2-Fluorobiphenyl	1.6620 1.1353	1.5209	1.4520	1.2542	1.1625	QuaF		0.7201	0.0493						0.9991		0.9900
2,4,6-Tribromophenol	0.2076 0.1594	0.1859	0.1825	0.1730	0.1780	Ave		0.1811				8.8		15.0			
Terphenyl-d14	1.2165 0.9011	1.1448	1.0908	0.9925	0.9451	Ave		1.0485				11.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-78346/7	x16109.d
Level 2	IC 460-78346/6	x16108.d
Level 3	IC 460-78346/5	x16107.d
Level 4	ICIS 460-78346/2	x16104.d
Level 5	IC 460-78346/4	x16106.d
Level 6	IC 460-78346/3	x16105.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
1,4-Dioxane	DCB	Ave	57072 703281	104347	195105	338380	547083	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	76616 938439	142848	265454	462602	777057	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	92099 1584159	204467	415098	790570	1295117	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	++++ ++++	++++	++++	1446	++++	++++ ++++	++++	++++	0.500	++++
Benzaldehyde	DCB	Ave	105676 210858	159458	256540	129932	276064	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	QuaF	192797 1504545	328248	559622	943104	1335662	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	141191 1738264	298898	563785	1030196	1499151	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	22444 1606440	280253	460923	819006	1270341	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	QuaF	146216 1317941	263554	461856	803425	1170672	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	QuaF	162296 1464373	287382	496723	849760	1180394	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	158754 1642395	294516	517917	900464	1337747	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	156499 1578959	290906	508760	886803	1300306	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	74425 819472	137899	258665	502231	710941	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	QuaF	148979 1422668	274134	482179	831926	1209184	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	QuaF	122772 1021965	215857	359493	643200	928800	5.00 120	10.0	20.0	50.0	80.0
bis (2-chloroisopropyl) ether	DCB	QuaF	193181 1675199	345313	592921	1027280	1419831	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

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
o-Toluidine	DCB	Ave	145308 1482577	259634	452322	845726	1261771	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	QuaF	179113 1615744	296404	513585	920395	1350625	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	QuaF	8830 723245	156621	264209	478804	668522	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	134692 1050061	239012	407437	718034	994346	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	QuaF	128466 1030981	229842	397677	702897	977048	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	5828 632268	108175	195349	349734	523641	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	17701 1680198	324368	563756	1012255	1446467	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	14632 1732017	338263	585721	1017743	1482414	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	223420 2446766	402968	708540	1342584	2114222	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	69107 735565	128137	224015	422604	639756	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	QuaF	116789 1009471	201955	349019	616099	930374	5.00 120	10.0	20.0	50.0	80.0
Bis (2-chloroethoxy)methane	NPT	Ave	145032 1501804	262717	462072	849815	1311020	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	5594 536309	44480	138449	262306	529436	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	QuaF	101034 881085	180066	313738	551202	826832	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	11519 1107836	204742	362314	634909	944321	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	373854 3529470	683443	1185111	2066693	3054784	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	137311 1322196	224753	421708	763833	1181394	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	13641 633386	117476	208887	364592	541758	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	QuaF	18081 337940	37301	79688	187556	302230	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	90599 899538	157322	283782	544351	856551	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	232954 2143221	409906	715329	1291637	1897796	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

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
1-Methylnaphthalene	NPT	QuaF	242154 2171968	416851	718733	1289543	1915014	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	37509 530265	74435	138045	313962	447134	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	QuaF	104198 873185	170524	297066	511362	761979	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	158333 1430716	268752	461250	840596	1306230	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	61840 583370	105081	187072	346646	558501	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	61515 578624	104723	193364	350727	568039	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	QuaF	273372 2385220	461245	799128	1444540	2096793	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	QuaF	201462 1817020	355353	611500	1106693	1648640	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	141276 1328767	252358	437263	801689	1214237	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	122642 624008	102292	184916	352836	557544	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	QuaF	176539 1561187	305884	514696	946008	1433517	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	193416 1877531	338025	592821	1175539	1779732	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	69408 670371	116927	201990	411126	647441	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	7910 478142	77162	140070	272192	447737	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	317443 2896553	535938	935686	1737262	2676246	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	93802 534339	82018	154248	315496	510226	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	QuaF	166776 1359025	293557	470461	832180	1262719	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	QuaF	177642 1392075	305964	513693	898859	1317161	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	40584 264232	53545	93454	140814	249885	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	73081 377462	92044	141968	186471	316338	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	11015 499873	92950	164884	325838	487025	1.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

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
Dibenzofuran	ANT	QuaF	261831 2237483	456037	769487	1400565	2070445	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	QuaF	75995 1486926	208656	397794	889797	1434870	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	48126 472684	80543	147506	279439	464160	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	132221 1599660	275944	464243	988612	1562689	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	180813 1907222	318074	569118	1151699	1822093	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	QuaF	199669 1679146	344927	585500	1088636	1609312	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	QuaF	96290 747043	163763	272138	483420	707166	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	80541 448772	62974	126645	260827	445886	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	70819 326977	84180	126027	190965	326229	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	134350 1318179	227662	407861	771207	1249086	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	200437 2286974	412600	732736	1406507	2186202	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	53944 534987	93316	164827	328232	512938	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	6416 586661	105290	182129	363861	565348	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	43586 450935	73219	127360	276639	433071	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	75000 337531	86528	137841	196841	333354	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	QuaF	160632 1376343	276525	472574	897596	1310112	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	242853 2370935	420032	736694	1490546	2322692	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	244101 2361826	413559	751324	1467503	2284142	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	199868 2067218	340152	610917	1266120	2004841	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	251752 2653051	438133	794733	1675104	2566247	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	210998 2117010	342353	633762	1281734	2034275	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

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
Benzidine	PHN	Ave	38312 ++++	186152	185650	56858	150515	5.00 ++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	204654 2084172	341782	615295	1277128	1991994	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	78517 1003910	131095	254989	557049	903164	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	21092 603969	40712	100930	288857	491644	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	94078 509443	148445	218232	265794	448862	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	16763 1738723	225432	441745	956682	1562016	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	138433 1522892	224764	438844	902898	1418621	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	104823 1240464	175872	338977	749220	1145910	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	127417 1981310	215817	467884	1111402	1736838	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	8379 1485735	158391	329724	722772	1294915	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	9431 1600101	169042	362204	780622	1265639	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	6333 1245283	124228	264452	598126	1031073	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	6009 1243971	106239	237589	504845	935179	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	4247 1208460	106933	237096	530645	930222	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	57106 1195437	106843	228481	507456	896827	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	126026 1320036	237447	437226	740947	1167250	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	QuaF	163307 1346107	284970	491552	837339	1225033	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	134458 1400146	231282	425559	775128	1235548	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	QuaF	239095 2132777	401482	710038	1282644	1959669	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	29866 299525	49061	89240	176877	299996	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	155922 1510590	240614	451096	905481	1444754	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-28327-1 Analy Batch No.: 78346

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/29/2011 03:15 Calibration End Date: 06/29/2011 05:17 Calibration ID: 11306

Curve Type Legend:

Ave = Average ISTD QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16104.d
 Report Date: 29-Jun-2011 06:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16104.d
 Lab Smp Id: ICIS-1037487
 Inj Date : 29-JUN-2011 03:15
 Operator : BNAMS 4
 Smp Info : ICIS-1037487
 Misc Info : 50PPM BNA4569
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/8270C_08SP.m
 Meth Date : 29-Jun-2011 06:57 asfawa
 Cal Date : 29-JUN-2011 03:15
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16104.d
 Calibration Sample, Level: 3
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.504	1.504	(0.363)	338380	50.0000	50
19 N-Nitrosodimethylamine	74	1.722	1.722	(0.416)	462602	50.0000	50
71 Pyridine	79	1.752	1.752	(0.423)	790570	50.0000	50(H)
\$ 16 2-Fluorophenol (SUR)	112	2.863	2.863	(0.692)	740947	50.0000	50
110 Benzaldehyde	77	3.698	3.698	(0.893)	129932	50.0000	50
\$ 17 Phenol-d5 (SUR)	99	3.798	3.798	(0.918)	837339	50.0000	50
1 Phenol	94	3.810	3.810	(0.920)	943104	50.0000	50
73 Aniline	93	3.810	3.810	(0.920)	1030196	50.0000	50
20 bis(2-Chloroethyl)ether	93	3.875	3.875	(0.936)	819006	50.0000	50
2 2-Chlorophenol	128	3.940	3.940	(0.952)	803425	50.0000	50
113 n-decane	43	3.993	3.993	(0.964)	849760	50.0000	50
21 1,3-Dichlorobenzene	146	4.087	4.087	(0.987)	900464	50.0000	50
* 79 1,4-Dichlorobenzene-d4	152	4.140	4.140	(1.000)	464558	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16104.d
 Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	4.157	4.157	(1.004)	886803	50.0000	50
74 Benzyl Alcohol	108	4.293	4.293	(1.037)	502231	50.0000	50
23 1,2-Dichlorobenzene	146	4.310	4.310	(1.041)	831926	50.0000	50
3 2-Methylphenol	108	4.422	4.422	(1.068)	643200	50.0000	50
24 bis (2-chloroisopropyl) ether	45	4.422	4.422	(1.068)	1027280	50.0000	50
104 Acetophenone	105	4.557	4.557	(1.101)	920395	50.0000	50
4 4-Methylphenol	108	4.575	4.575	(1.105)	702897	50.0000	50
123 3 & 4 Methylphenol	108	4.575	4.575	(1.105)	718034	50.0000	50
25 N-Nitroso-di-n-propylamine	70	4.563	4.563	(1.102)	478804	50.0000	50
126 O-Toluidine	107	4.545	4.545	(1.098)	845726	50.0000	50
26 Hexachloroethane	117	4.651	4.651	(1.124)	349734	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.704	4.704	(0.867)	775128	50.0000	50
27 Nitrobenzene	77	4.728	4.728	(0.871)	1012255	50.0000	50
107 N,N-Dimethylaniline	120	4.728	4.728	(1.142)	1017743	50.0000	50
28 Isophorone	82	4.969	4.969	(0.915)	1342584	50.0000	50
5 2-Nitrophenol	139	5.045	5.045	(0.930)	422604	50.0000	50
6 2,4-Dimethylphenol	122	5.110	5.110	(0.941)	616099	50.0000	50
29 bis(2-Chloroethoxy)methane	93	5.192	5.192	(0.957)	849815	50.0000	50
15 Benzoic Acid	122	5.257	5.257	(0.969)	262306	50.0000	50
7 2,4-Dichlorophenol	162	5.304	5.304	(0.977)	551202	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.375	5.375	(0.990)	634909	50.0000	50
* 80 Naphthalene-d8	136	5.428	5.428	(1.000)	1640140	40.0000	
31 Naphthalene	128	5.451	5.451	(1.004)	2066693	50.0000	50
32 4-Chloroaniline	127	5.510	5.510	(1.015)	763833	50.0000	50
33 Hexachlorobutadiene	225	5.587	5.587	(1.029)	364592	50.0000	50
111 Caprolactam	113	5.887	5.887	(1.085)	187556	50.0000	50
8 4-Chloro-3-methylphenol	107	6.028	6.028	(1.111)	544351	50.0000	50
34 2-Methylnaphthalene	142	6.145	6.145	(1.132)	1291637	50.0000	50
120 1-Methylnaphthalene	142	6.245	6.245	(1.151)	1289543	50.0000	50
35 Hexachlorocyclopentadiene	237	6.316	6.316	(0.880)	313962	50.0000	50
129 1,2,4,5-Tetrachlorobenzene	216	6.322	6.322	(0.880)	511362	50.0000	50
121 2-tert-Butyl-4-methylphenol	149	6.369	6.369	(1.173)	840596	50.0000	50
9 2,4,6-Trichlorophenol	196	6.439	6.439	(0.897)	346646	50.0000	50
10 2,4,5-Trichlorophenol	196	6.487	6.487	(0.903)	350727	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.516	6.516	(0.907)	1282644	50.0000	50
102 Diphenyl	154	6.616	6.616	(0.921)	1444540	50.0000	50
36 2-Chloronaphthalene	162	6.634	6.634	(0.924)	1106693	50.0000	50
103 Diphenyl Ether	170	6.722	6.722	(0.936)	801689	50.0000	50
37 2-Nitroaniline	65	6.739	6.739	(0.939)	352836	50.0000	50
125 1,3-Dimethylnaphthalene	156	6.851	6.851	(0.954)	946008	50.0000	50
38 Dimethylphthalate	163	6.928	6.928	(0.965)	1175539	50.0000	50
114 Coumarin	146	6.939	6.939	(1.278)	411126	50.0000	50
40 2,6-Dinitrotoluene	165	6.981	6.981	(0.972)	272192	50.0000	50
39 Acenaphthylene	152	7.039	7.039	(0.980)	1737262	50.0000	50
41 3-Nitroaniline	138	7.151	7.151	(0.996)	315496	50.0000	50
* 82 Acenaphthene-d10	164	7.181	7.181	(1.000)	818132	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	7.216	7.216	(1.005)	832180	50.0000	50

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16104.d
Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	7.216	7.216	(1.005)	898859	50.0000	50
11 2,4-Dinitrophenol	184	7.251	7.251	(1.010)	140814	50.0000	50
12 4-Nitrophenol	65	7.351	7.351	(1.024)	186471	50.0000	50
44 2,4-Dinitrotoluene	165	7.381	7.381	(1.028)	325838	50.0000	50
43 Dibenzofuran	168	7.386	7.386	(1.029)	1400565	50.0000	50
127 1-Naphthylamine	143	7.463	7.463	(1.039)	889797	50.0000	50
130 2,3,4,6-Tetrachlorophenol	232	7.522	7.522	(1.048)	279439	50.0000	50
128 2-Naphthylamine	143	7.545	7.545	(1.051)	988612	50.0000	50
45 Diethylphthalate	149	7.622	7.622	(1.061)	1151699	50.0000	50
46 4-Chlorophenyl-phenylether	204	7.728	7.728	(1.076)	483420	50.0000	50
47 Fluorene	166	7.722	7.722	(1.075)	1088636	50.0000	50
48 4-Nitroaniline	138	7.757	7.757	(1.080)	260827	50.0000	50(H)
13 4,6-Dinitro-2-methylphenol	198	7.781	7.781	(0.901)	190965	50.0000	50
49 N-Nitrosodiphenylamine	169	7.845	7.845	(0.908)	771207	50.0000	50
75 1,2-Diphenylhydrazine	77	7.881	7.881	(0.912)	1406507	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.963	7.963	(1.109)	176877	50.0000	50
50 4-Bromophenyl-phenylether	248	8.204	8.204	(0.950)	328232	50.0000	50
51 Hexachlorobenzene	284	8.275	8.275	(0.958)	363861	50.0000	50
112 Atrazine	200	8.381	8.381	(0.970)	276639	50.0000	50
14 Pentachlorophenol	266	8.469	8.469	(0.980)	196841	50.0000	50
115 n-Octadecane	57	8.557	8.557	(0.990)	897596	50.0000	50
* 83 Phenanthrene-d10	188	8.639	8.639	(1.000)	1104290	40.0000	
52 Phenanthrene	178	8.669	8.669	(1.003)	1490546	50.0000	50
53 Anthracene	178	8.716	8.716	(1.009)	1467503	50.0000	50
54 Carbazole	167	8.880	8.880	(1.028)	1266120	50.0000	50
55 Di-n-butylphthalate	149	9.228	9.228	(1.068)	1675104	50.0000	50
56 Fluoranthene	202	9.833	9.833	(1.138)	1281734	50.0000	50
58 Benzidine	184	9.986	9.986	(1.156)	56858	50.0000	50
57 Pyrene	202	10.057	10.057	(0.885)	1277128	50.0000	50
\$ 78 Terphenyl-d14	244	10.216	10.216	(0.899)	905481	50.0000	50
59 Butylbenzylphthalate	149	10.733	10.733	(0.944)	557049	50.0000	50
109 2,3,7,8-TCDD (Screen)	320	10.833	10.833	(0.953)	1446	0.50000	0.50
124 Carbamazepine	193	10.845	10.845	(0.954)	288857	50.0000	50
60 3,3'-Dichlorobenzidine	252	11.333	11.333	(0.997)	265794	50.0000	50
61 Benzo(a)anthracene	228	11.357	11.357	(0.999)	956682	50.0000	50
* 81 Chrysene-d12	240	11.369	11.369	(1.000)	729834	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.410	11.410	(1.004)	749220	50.0000	50
62 Chrysene	228	11.398	11.398	(1.003)	902898	50.0000	50
64 Di-n-octylphthalate	149	12.239	12.239	(0.925)	1111402	50.0000	50
65 Benzo(b)fluoranthene	252	12.721	12.721	(0.961)	722772	50.0000	50
66 Benzo(k)fluoranthene	252	12.757	12.757	(0.964)	780622	50.0000	50
67 Benzo(a)pyrene	252	13.157	13.157	(0.994)	598126	50.0000	50
* 84 Perylene-d12	264	13.233	13.233	(1.000)	513938	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.686	14.686	(1.110)	504845	50.0000	50
69 Dibenz(a,h)anthracene	278	14.715	14.715	(1.112)	530645	50.0000	50
70 Benzo(g,h,i)perylene	276	15.074	15.074	(1.139)	507456	50.0000	50

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16104.d
Report Date: 29-Jun-2011 06:57

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16105.d
 Report Date: 29-Jun-2011 06:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16105.d
 Lab Smp Id: IC-1037500
 Inj Date : 29-JUN-2011 03:42
 Operator : BNAMS 4
 Smp Info : IC-1037500
 Misc Info : 120
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/8270C_08SP.m
 Meth Date : 29-Jun-2011 06:57 asfawa
 Cal Date : 29-JUN-2011 03:42
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16105.d
 Calibration Sample, Level: 5
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.546	1.546	(0.373)	703281	120.000	120(AH)
19 N-Nitrosodimethylamine	74	1.799	1.799	(0.434)	938439	120.000	120(AMH)
71 Pyridine	79	1.828	1.828	(0.441)	1584159	120.000	120(AM)
\$ 16 2-Fluorophenol (SUR)	112	2.904	2.904	(0.701)	1320036	120.000	110
110 Benzaldehyde	77	3.710	3.710	(0.895)	210858	120.000	110
\$ 17 Phenol-d5 (SUR)	99	3.810	3.810	(0.919)	1346107	120.000	110
1 Phenol	94	3.828	3.828	(0.923)	1504545	120.000	110
73 Aniline	93	3.822	3.822	(0.922)	1738264	120.000	110(A)
20 bis(2-Chloroethyl)ether	93	3.893	3.893	(0.939)	1606440	120.000	120
2 2-Chlorophenol	128	3.951	3.951	(0.953)	1317941	120.000	120
113 n-decane	43	3.999	3.999	(0.965)	1464373	120.000	120(A)
21 1,3-Dichlorobenzene	146	4.093	4.093	(0.987)	1642395	120.000	110
* 79 1,4-Dichlorobenzene-d4	152	4.146	4.146	(1.000)	387405	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16105.d
Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	4.163	4.163	(1.004)	1578959	120.000	110
74 Benzyl Alcohol	108	4.304	4.304	(1.038)	819472	120.000	110
23 1,2-Dichlorobenzene	146	4.316	4.316	(1.041)	1422668	120.000	120
3 2-Methylphenol	108	4.434	4.434	(1.070)	1021965	120.000	110
24 bis (2-chloroisopropyl) ether	45	4.428	4.428	(1.068)	1675199	120.000	120
104 Acetophenone	105	4.569	4.569	(1.102)	1615744	120.000	120
4 4-Methylphenol	108	4.587	4.587	(1.106)	1030981	120.000	110
123 3 & 4 Methylphenol	108	4.587	4.587	(1.106)	1050061	120.000	110
25 N-Nitroso-di-n-propylamine	70	4.581	4.581	(1.105)	723245	120.000	110
126 O-Toluidine	107	4.551	4.551	(1.098)	1482577	120.000	110
26 Hexachloroethane	117	4.657	4.657	(1.123)	632268	120.000	110
\$ 76 Nitrobenzene-d5 (SUR)	82	4.716	4.716	(0.868)	1400146	120.000	120
27 Nitrobenzene	77	4.740	4.740	(0.872)	1680198	120.000	110
107 N,N-Dimethylaniline	120	4.740	4.740	(1.143)	1732017	120.000	110
28 Isophorone	82	4.975	4.975	(0.916)	2446766	120.000	120
5 2-Nitrophenol	139	5.051	5.051	(0.930)	735565	120.000	110
6 2,4-Dimethylphenol	122	5.116	5.116	(0.942)	1009471	120.000	120
29 bis(2-Chloroethoxy)methane	93	5.198	5.198	(0.957)	1501804	120.000	110
15 Benzoic Acid	122	5.293	5.293	(0.974)	536309	120.000	120(A)
7 2,4-Dichlorophenol	162	5.310	5.310	(0.977)	881085	120.000	120
30 1,2,4-Trichlorobenzene	180	5.381	5.381	(0.990)	1107836	120.000	110
* 80 Naphthalene-d8	136	5.434	5.434	(1.000)	1333503	40.0000	
31 Naphthalene	128	5.457	5.457	(1.004)	3529470	120.000	110
32 4-Chloroaniline	127	5.516	5.516	(1.015)	1322196	120.000	110
33 Hexachlorobutadiene	225	5.587	5.587	(1.028)	633386	120.000	110
111 Caprolactam	113	5.922	5.922	(1.090)	337940	120.000	120
8 4-Chloro-3-methylphenol	107	6.034	6.034	(1.110)	899538	120.000	110
34 2-Methylnaphthalene	142	6.151	6.151	(1.132)	2143221	120.000	110
120 1-Methylnaphthalene	142	6.251	6.251	(1.150)	2171968	120.000	120
35 Hexachlorocyclopentadiene	237	6.316	6.316	(0.880)	530265	120.000	110
129 1,2,4,5-Tetrachlorobenzene	216	6.328	6.328	(0.881)	873185	120.000	120
121 2-tert-Butyl-4-methylphenol	149	6.375	6.375	(1.173)	1430716	120.000	110
9 2,4,6-Trichlorophenol	196	6.445	6.445	(0.898)	583370	120.000	110
10 2,4,5-Trichlorophenol	196	6.492	6.492	(0.904)	578624	120.000	110
\$ 77 2-Fluorobiphenyl (SUR)	172	6.522	6.522	(0.908)	2132777	120.000	120
102 Diphenyl	154	6.622	6.622	(0.922)	2385220	120.000	120
36 2-Chloronaphthalene	162	6.634	6.634	(0.924)	1817020	120.000	120
103 Diphenyl Ether	170	6.722	6.722	(0.936)	1328767	120.000	110
37 2-Nitroaniline	65	6.745	6.745	(0.939)	624008	120.000	120
125 1,3-Dimethylnaphthalene	156	6.857	6.857	(0.955)	1561187	120.000	120
38 Dimethylphthalate	163	6.934	6.934	(0.966)	1877531	120.000	110
114 Coumarin	146	6.951	6.951	(1.279)	670371	120.000	110
40 2,6-Dinitrotoluene	165	6.987	6.987	(0.973)	478142	120.000	120
39 Acenaphthylene	152	7.045	7.045	(0.981)	2896553	120.000	110
41 3-Nitroaniline	138	7.157	7.157	(0.997)	534339	120.000	120
* 82 Acenaphthene-d10	164	7.181	7.181	(1.000)	626195	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	7.216	7.216	(1.005)	1359025	120.000	120

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16105.d
Report Date: 29-Jun-2011 06:57

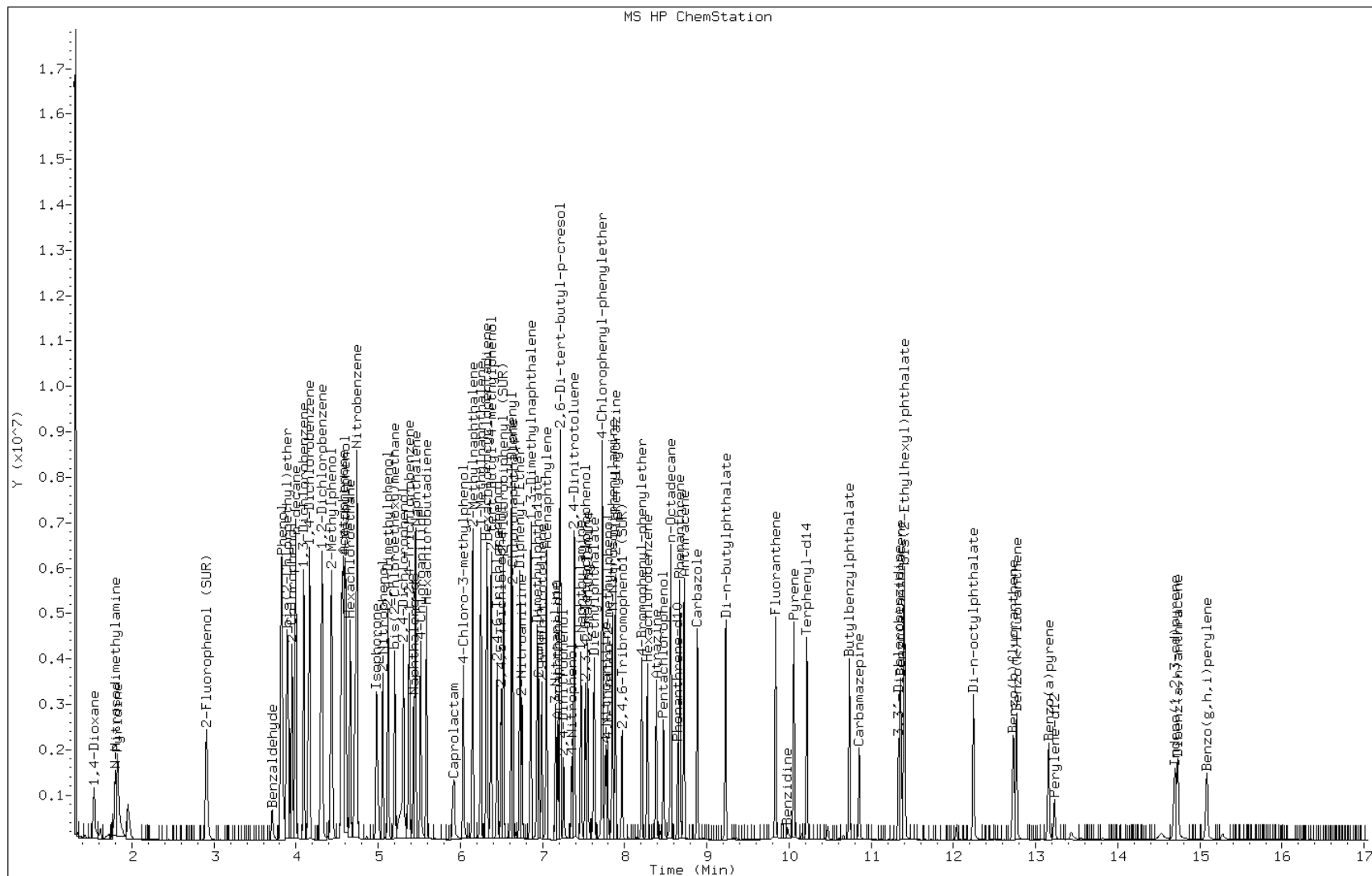
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	7.222	7.222	(1.006)	1392075	120.000	120
11 2,4-Dinitrophenol	184	7.257	7.257	(1.011)	264232	120.000	120(A)
12 4-Nitrophenol	65	7.357	7.357	(1.025)	377462	120.000	120(A)
44 2,4-Dinitrotoluene	165	7.387	7.387	(1.029)	499873	120.000	110
43 Dibenzofuran	168	7.392	7.392	(1.029)	2237483	120.000	120
127 1-Naphthylamine	143	7.469	7.469	(1.040)	1486926	120.000	120
130 2,3,4,6-Tetrachlorophenol	232	7.522	7.522	(1.048)	472684	120.000	120
128 2-Naphthylamine	143	7.551	7.551	(1.052)	1599660	120.000	110
45 Diethylphthalate	149	7.634	7.634	(1.063)	1907222	120.000	110
46 4-Chlorophenyl-phenylether	204	7.728	7.728	(1.076)	747043	120.000	120
47 Fluorene	166	7.728	7.728	(1.076)	1679146	120.000	120
48 4-Nitroaniline	138	7.769	7.769	(1.082)	448772	120.000	120
13 4,6-Dinitro-2-methylphenol	198	7.792	7.792	(0.901)	326977	120.000	120
49 N-Nitrosodiphenylamine	169	7.851	7.851	(0.908)	1318179	120.000	120
75 1,2-Diphenylhydrazine	77	7.887	7.887	(0.912)	2286974	120.000	120
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.969	7.969	(1.110)	299525	120.000	120
50 4-Bromophenyl-phenylether	248	8.210	8.210	(0.950)	534987	120.000	120
51 Hexachlorobenzene	284	8.275	8.275	(0.957)	586661	120.000	110
112 Atrazine	200	8.386	8.386	(0.970)	450935	120.000	120
14 Pentachlorophenol	266	8.469	8.469	(0.980)	337531	120.000	120
115 n-Octadecane	57	8.557	8.557	(0.990)	1376343	120.000	120
* 83 Phenanthrene-d10	188	8.645	8.645	(1.000)	811349	40.0000	
52 Phenanthrene	178	8.669	8.669	(1.003)	2370935	120.000	110
53 Anthracene	178	8.722	8.722	(1.009)	2361826	120.000	110
54 Carbazole	167	8.881	8.881	(1.027)	2067218	120.000	120
55 Di-n-butylphthalate	149	9.233	9.233	(1.068)	2653051	120.000	110
56 Fluoranthene	202	9.839	9.839	(1.138)	2117010	120.000	120
58 Benzidine	184	9.980	9.980	(1.154)	127831	120.000	150(A)
57 Pyrene	202	10.057	10.057	(0.885)	2084172	120.000	110
\$ 78 Terphenyl-d14	244	10.216	10.216	(0.899)	1510590	120.000	110
59 Butylbenzylphthalate	149	10.733	10.733	(0.944)	1003910	120.000	120
124 Carbamazepine	193	10.851	10.851	(0.954)	603969	120.000	120(A)
60 3,3'-Dichlorobenzidine	252	11.333	11.333	(0.997)	509443	120.000	120(A)
61 Benzo(a)anthracene	228	11.357	11.357	(0.999)	1738723	120.000	120
* 81 Chrysene-d12	240	11.369	11.369	(1.000)	558812	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.410	11.410	(1.004)	1240464	120.000	110
62 Chrysene	228	11.404	11.404	(1.003)	1522892	120.000	110
64 Di-n-octylphthalate	149	12.245	12.245	(0.925)	1981310	120.000	110
65 Benzo(b)fluoranthene	252	12.727	12.727	(0.962)	1485735	120.000	120
66 Benzo(k)fluoranthene	252	12.769	12.769	(0.965)	1600101	120.000	120
67 Benzo(a)pyrene	252	13.163	13.163	(0.995)	1245283	120.000	120(A)
* 84 Perylene-d12	264	13.233	13.233	(1.000)	441535	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.698	14.698	(1.111)	1243971	120.000	130(A)
69 Dibenz(a,h)anthracene	278	14.727	14.727	(1.113)	1208460	120.000	120(A)
70 Benzo(g,h,i)perylene	276	15.092	15.092	(1.140)	1195437	120.000	130(A)

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16105.d
Report Date: 29-Jun-2011 06:57

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.

Operator: BNAMS 4

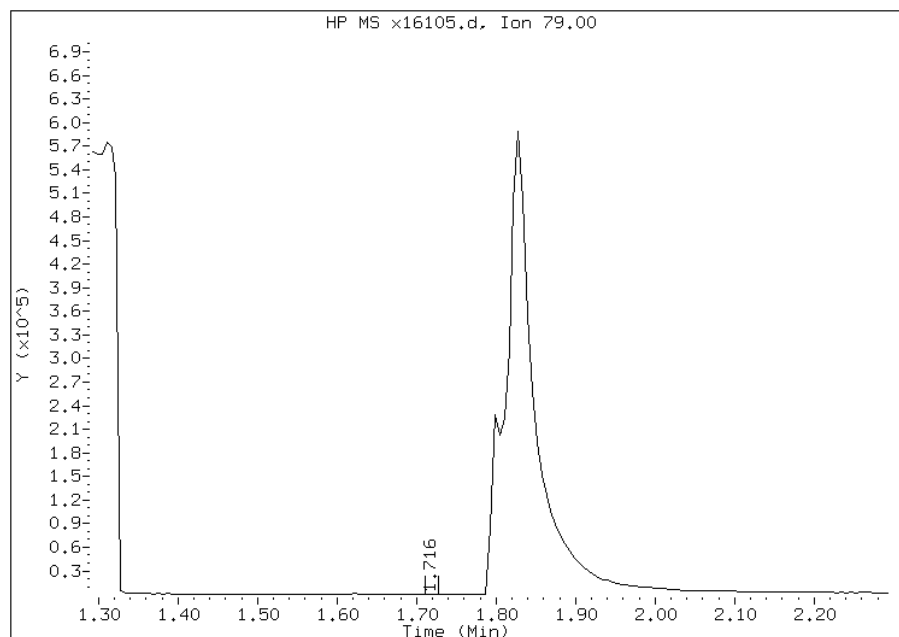


Manual Integration Report

Data File: x16105.d
Inj. Date and Time: 29-JUN-2011 03:42
Instrument ID: BNAMS5.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 06/29/2011

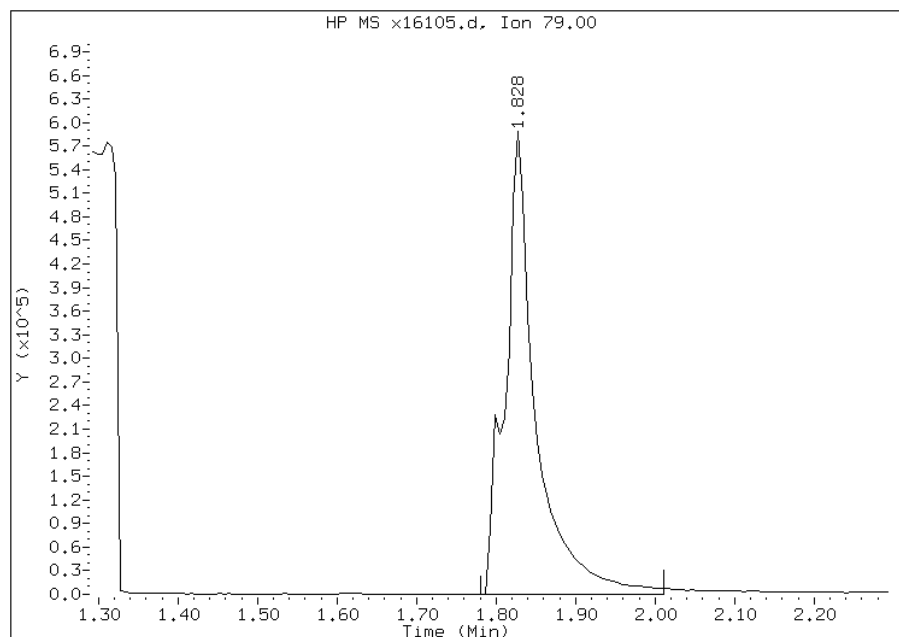
Processing Integration Results

RT: 1.72
Response: 160
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.83
Response: 1584159
Amount: 120
Conc: 120



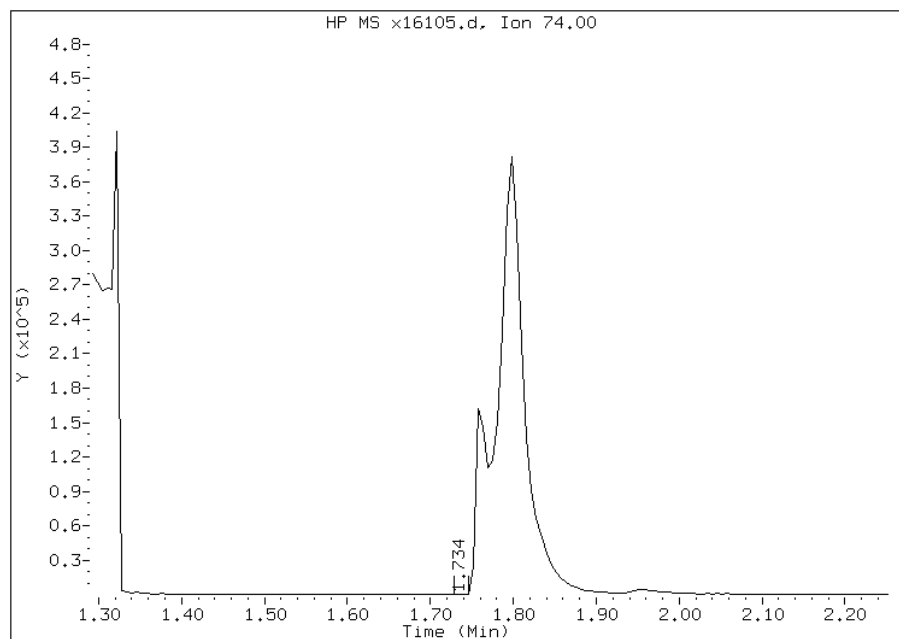
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x16105.d
Inj. Date and Time: 29-JUN-2011 03:42
Instrument ID: BNAMS5.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 06/29/2011

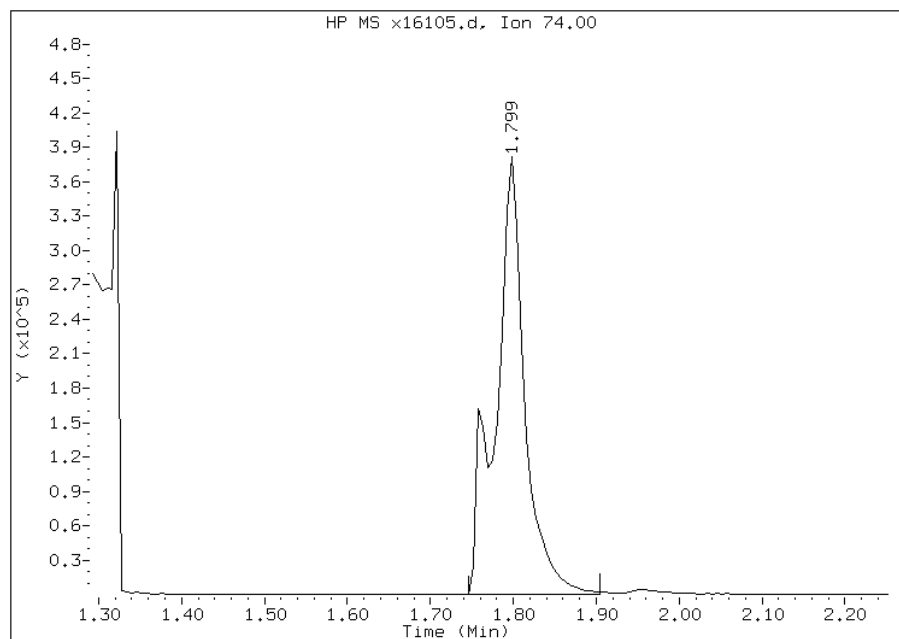
Processing Integration Results

RT: 1.73
Response: 56
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.80
Response: 938439
Amount: 121
Conc: 121



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16106.d
 Report Date: 29-Jun-2011 06:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16106.d
 Lab Smp Id: IC-1037499
 Inj Date : 29-JUN-2011 04:06
 Operator : BNAMS 4
 Smp Info : IC-1037499
 Misc Info : 80
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/8270C_08SP.m
 Meth Date : 29-Jun-2011 06:57 asfawa
 Cal Date : 29-JUN-2011 04:06
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16106.d
 Calibration Sample, Level: 4
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.522	1.522	(0.367)	547083	80.0000	79
19 N-Nitrosodimethylamine	74	1.763	1.763	(0.425)	777057	80.0000	82
71 Pyridine	79	1.793	1.793	(0.432)	1295117	80.0000	80
\$ 16 2-Fluorophenol (SUR)	112	2.881	2.881	(0.695)	1167250	80.0000	81
110 Benzaldehyde	77	3.699	3.699	(0.892)	276064	80.0000	100
\$ 17 Phenol-d5 (SUR)	99	3.810	3.810	(0.919)	1225033	80.0000	80
1 Phenol	94	3.822	3.822	(0.922)	1335662	80.0000	79
73 Aniline	93	3.816	3.816	(0.921)	1499151	80.0000	79
20 bis(2-Chloroethyl)ether	93	3.887	3.887	(0.938)	1270341	80.0000	78
2 2-Chlorophenol	128	3.946	3.946	(0.952)	1170672	80.0000	79
113 n-decane	43	3.993	3.993	(0.963)	1180394	80.0000	76
21 1,3-Dichlorobenzene	146	4.093	4.093	(0.987)	1337747	80.0000	78
* 79 1,4-Dichlorobenzene-d4	152	4.146	4.146	(1.000)	470706	40.0000	

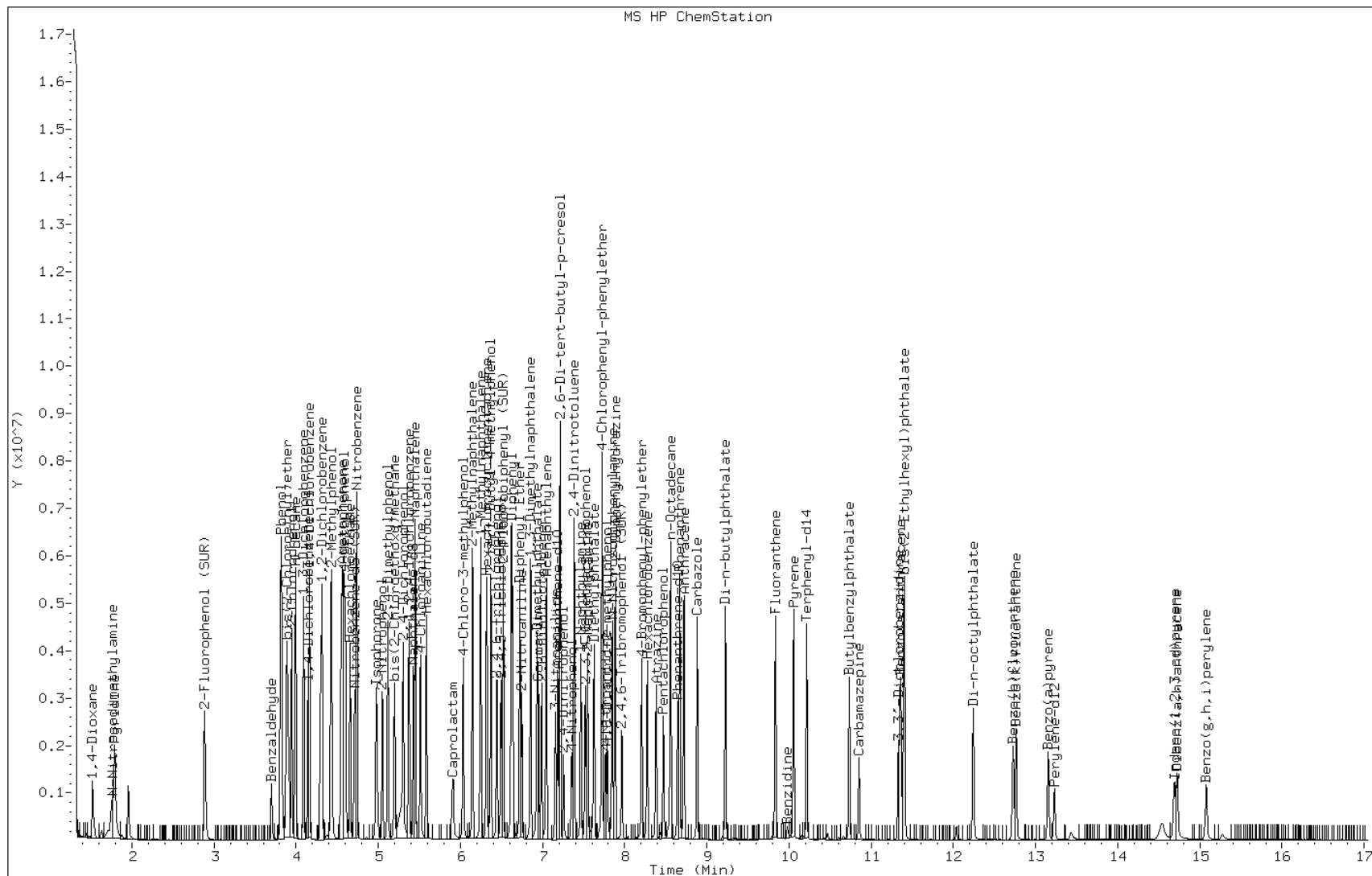
Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16106.d
Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	4.163	4.163	(1.004)	1300306	80.0000	78
74 Benzyl Alcohol	108	4.298	4.298	(1.037)	710941	80.0000	78
23 1,2-Dichlorobenzene	146	4.316	4.316	(1.041)	1209184	80.0000	78
3 2-Methylphenol	108	4.428	4.428	(1.068)	928800	80.0000	80
24 bis (2-chloroisopropyl) ether	45	4.422	4.422	(1.067)	1419831	80.0000	77
104 Acetophenone	105	4.563	4.563	(1.101)	1350625	80.0000	78
4 4-Methylphenol	108	4.587	4.587	(1.106)	977048	80.0000	80
123 3 & 4 Methylphenol	108	4.587	4.587	(1.106)	994346	80.0000	80
25 N-Nitroso-di-n-propylamine	70	4.575	4.575	(1.104)	668522	80.0000	80
126 O-Toluidine	107	4.551	4.551	(1.098)	1261771	80.0000	79
26 Hexachloroethane	117	4.657	4.657	(1.123)	523641	80.0000	78
\$ 76 Nitrobenzene-d5 (SUR)	82	4.710	4.710	(0.868)	1235548	80.0000	81
27 Nitrobenzene	77	4.734	4.734	(0.872)	1446467	80.0000	77
107 N,N-Dimethylaniline	120	4.740	4.740	(1.143)	1482414	80.0000	78
28 Isophorone	82	4.975	4.975	(0.917)	2114222	80.0000	80
5 2-Nitrophenol	139	5.045	5.045	(0.930)	639756	80.0000	79
6 2,4-Dimethylphenol	122	5.116	5.116	(0.943)	930374	80.0000	80
29 bis(2-Chloroethoxy)methane	93	5.198	5.198	(0.958)	1311020	80.0000	79
15 Benzoic Acid	122	5.293	5.293	(0.975)	529436	80.0000	90
7 2,4-Dichlorophenol	162	5.304	5.304	(0.977)	826832	80.0000	81
30 1,2,4-Trichlorobenzene	180	5.375	5.375	(0.990)	944321	80.0000	78
* 80 Naphthalene-d8	136	5.428	5.428	(1.000)	1677525	40.0000	
31 Naphthalene	128	5.451	5.451	(1.004)	3054784	80.0000	78
32 4-Chloroaniline	127	5.516	5.516	(1.016)	1181394	80.0000	80
33 Hexachlorobutadiene	225	5.587	5.587	(1.029)	541758	80.0000	78
111 Caprolactam	113	5.910	5.910	(1.089)	302230	80.0000	81
8 4-Chloro-3-methylphenol	107	6.034	6.034	(1.112)	856551	80.0000	82
34 2-Methylnaphthalene	142	6.145	6.145	(1.132)	1897796	80.0000	78
120 1-Methylnaphthalene	142	6.245	6.245	(1.151)	1915014	80.0000	78
35 Hexachlorocyclopentadiene	237	6.316	6.316	(0.880)	447134	80.0000	74
129 1,2,4,5-Tetrachlorobenzene	216	6.322	6.322	(0.880)	761979	80.0000	77
121 2-tert-Butyl-4-methylphenol	149	6.369	6.369	(1.173)	1306230	80.0000	81
9 2,4,6-Trichlorophenol	196	6.445	6.445	(0.898)	558501	80.0000	81
10 2,4,5-Trichlorophenol	196	6.492	6.492	(0.904)	568039	80.0000	82
\$ 77 2-Fluorobiphenyl (SUR)	172	6.522	6.522	(0.908)	1959669	80.0000	78
102 Diphenyl	154	6.616	6.616	(0.921)	2096793	80.0000	76
36 2-Chloronaphthalene	162	6.634	6.634	(0.924)	1648640	80.0000	78
103 Diphenyl Ether	170	6.722	6.722	(0.936)	1214237	80.0000	78
37 2-Nitroaniline	65	6.745	6.745	(0.939)	557544	80.0000	79
125 1,3-Dimethylnaphthalene	156	6.851	6.851	(0.954)	1433517	80.0000	78
38 Dimethylphthalate	163	6.934	6.934	(0.966)	1779732	80.0000	79
114 Coumarin	146	6.945	6.945	(1.280)	647441	80.0000	82
40 2,6-Dinitrotoluene	165	6.987	6.987	(0.973)	447737	80.0000	81
39 Acenaphthylene	152	7.045	7.045	(0.981)	2676246	80.0000	79
41 3-Nitroaniline	138	7.157	7.157	(0.997)	510226	80.0000	81
* 82 Acenaphthene-d10	164	7.181	7.181	(1.000)	842894	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	7.216	7.216	(1.005)	1262719	80.0000	79

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16106.d
 Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	7.216	7.216	(1.005)	1317161	80.0000	78
11 2,4-Dinitrophenol	184	7.257	7.257	(1.011)	249885	80.0000	83
12 4-Nitrophenol	65	7.357	7.357	(1.025)	316338	80.0000	79
44 2,4-Dinitrotoluene	165	7.386	7.386	(1.029)	487025	80.0000	79
43 Dibenzofuran	168	7.386	7.386	(1.029)	2070445	80.0000	78
127 1-Naphthylamine	143	7.469	7.469	(1.040)	1434870	80.0000	81
130 2,3,4,6-Tetrachlorophenol	232	7.522	7.522	(1.048)	464160	80.0000	82
128 2-Naphthylamine	143	7.551	7.551	(1.052)	1562689	80.0000	81
45 Diethylphthalate	149	7.628	7.628	(1.062)	1822093	80.0000	80
46 4-Chlorophenyl-phenylether	204	7.728	7.728	(1.076)	707166	80.0000	78
47 Fluorene	166	7.728	7.728	(1.076)	1609312	80.0000	79
48 4-Nitroaniline	138	7.769	7.769	(1.082)	445886	80.0000	84
13 4,6-Dinitro-2-methylphenol	198	7.792	7.792	(0.901)	326229	80.0000	82
49 N-Nitrosodiphenylamine	169	7.851	7.851	(0.908)	1249086	80.0000	79
75 1,2-Diphenylhydrazine	77	7.886	7.886	(0.912)	2186202	80.0000	78
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.969	7.969	(1.110)	299996	80.0000	84
50 4-Bromophenyl-phenylether	248	8.210	8.210	(0.950)	512938	80.0000	78
51 Hexachlorobenzene	284	8.275	8.275	(0.957)	565348	80.0000	78
112 Atrazine	200	8.381	8.381	(0.969)	433071	80.0000	78
14 Pentachlorophenol	266	8.469	8.469	(0.980)	333354	80.0000	81
115 n-Octadecane	57	8.557	8.557	(0.990)	1310112	80.0000	76
* 83 Phenanthrene-d10	188	8.645	8.645	(1.000)	1154650	40.0000	
52 Phenanthrene	178	8.669	8.669	(1.003)	2322692	80.0000	79
53 Anthracene	178	8.722	8.722	(1.009)	2284142	80.0000	78
54 Carbazole	167	8.881	8.881	(1.027)	2004841	80.0000	79
55 Di-n-butylphthalate	149	9.228	9.228	(1.067)	2566247	80.0000	78
56 Fluoranthene	202	9.833	9.833	(1.137)	2034275	80.0000	79
58 Benzidine	184	9.980	9.980	(1.154)	150515	80.0000	98
57 Pyrene	202	10.057	10.057	(0.885)	1991994	80.0000	79
\$ 78 Terphenyl-d14	244	10.216	10.216	(0.899)	1444754	80.0000	80
59 Butylbenzylphthalate	149	10.733	10.733	(0.944)	903164	80.0000	79
124 Carbamazepine	193	10.851	10.851	(0.954)	491644	80.0000	79
60 3,3'-Dichlorobenzidine	252	11.333	11.333	(0.997)	448862	80.0000	79
61 Benzo(a)anthracene	228	11.357	11.357	(0.999)	1562016	80.0000	79
* 81 Chrysene-d12	240	11.369	11.369	(1.000)	764374	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.410	11.410	(1.004)	1145910	80.0000	78
62 Chrysene	228	11.398	11.398	(1.003)	1418621	80.0000	79
64 Di-n-octylphthalate	149	12.239	12.239	(0.925)	1736838	80.0000	79
65 Benzo(b)fluoranthene	252	12.727	12.727	(0.962)	1294915	80.0000	82
66 Benzo(k)fluoranthene	252	12.763	12.763	(0.964)	1265639	80.0000	77
67 Benzo(a)pyrene	252	13.157	13.157	(0.994)	1031073	80.0000	80
* 84 Perylene-d12	264	13.233	13.233	(1.000)	549845	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.692	14.692	(1.110)	935179	80.0000	79
69 Dibenz(a,h)anthracene	278	14.721	14.721	(1.112)	930222	80.0000	79
70 Benzo(g,h,i)perylene	276	15.080	15.080	(1.140)	896827	80.0000	78

Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16107.d
 Report Date: 29-Jun-2011 06:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16107.d
 Lab Smp Id: IC-1037484
 Inj Date : 29-JUN-2011 04:30
 Operator : BNAMS 4
 Smp Info : IC-1037484
 Misc Info : 20
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/8270C_08SP.m
 Meth Date : 29-Jun-2011 06:57 asfawa
 Cal Date : 29-JUN-2011 04:30
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16107.d
 Calibration Sample, Level: 2
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.522	1.522	(0.368)	195105	20.0000	22
19 N-Nitrosodimethylamine	74	1.740	1.740	(0.420)	265454	20.0000	21
71 Pyridine	79	1.769	1.769	(0.427)	415098	20.0000	20
\$ 16 2-Fluorophenol (SUR)	112	2.869	2.869	(0.693)	437226	20.0000	23
110 Benzaldehyde	77	3.693	3.693	(0.892)	256540	20.0000	44
\$ 17 Phenol-d5 (SUR)	99	3.793	3.793	(0.916)	491552	20.0000	19
1 Phenol	94	3.804	3.804	(0.919)	559622	20.0000	20
73 Aniline	93	3.810	3.810	(0.920)	563785	20.0000	22
20 bis(2-Chloroethyl)ether	93	3.875	3.875	(0.936)	460923	20.0000	22
2 2-Chlorophenol	128	3.934	3.934	(0.950)	461856	20.0000	20
113 n-decane	43	3.987	3.987	(0.963)	496723	20.0000	22
21 1,3-Dichlorobenzene	146	4.081	4.081	(0.986)	517917	20.0000	22
* 79 1,4-Dichlorobenzene-d4	152	4.140	4.140	(1.000)	600176	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16107.d
Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	4.157	4.157	(1.004)	508760	20.0000	23
74 Benzyl Alcohol	108	4.287	4.287	(1.036)	258665	20.0000	22
23 1,2-Dichlorobenzene	146	4.310	4.310	(1.041)	482179	20.0000	21
3 2-Methylphenol	108	4.416	4.416	(1.067)	359493	20.0000	19
24 bis (2-chloroisopropyl) ether	45	4.422	4.422	(1.068)	592921	20.0000	21
104 Acetophenone	105	4.551	4.551	(1.099)	513585	20.0000	21
4 4-Methylphenol	108	4.569	4.569	(1.104)	397677	20.0000	17
123 3 & 4 Methylphenol	108	4.569	4.569	(1.104)	407437	20.0000	17
25 N-Nitroso-di-n-propylamine	70	4.557	4.557	(1.101)	264209	20.0000	18
126 O-Toluidine	107	4.540	4.540	(1.097)	452322	20.0000	22
26 Hexachloroethane	117	4.651	4.651	(1.124)	195349	20.0000	22
\$ 76 Nitrobenzene-d5 (SUR)	82	4.699	4.699	(0.866)	425559	20.0000	21
27 Nitrobenzene	77	4.722	4.722	(0.870)	563756	20.0000	23
107 N,N-Dimethylaniline	120	4.722	4.722	(1.141)	585721	20.0000	23
28 Isophorone	82	4.957	4.957	(0.913)	708540	20.0000	21
5 2-Nitrophenol	139	5.040	5.040	(0.928)	224015	20.0000	21
6 2,4-Dimethylphenol	122	5.104	5.104	(0.940)	349019	20.0000	20
29 bis(2-Chloroethoxy)methane	93	5.187	5.187	(0.956)	462072	20.0000	22
15 Benzoic Acid	122	5.228	5.228	(0.963)	138449	20.0000	19
7 2,4-Dichlorophenol	162	5.298	5.298	(0.976)	313738	20.0000	19
30 1,2,4-Trichlorobenzene	180	5.369	5.369	(0.989)	362314	20.0000	23
* 80 Naphthalene-d8	136	5.428	5.428	(1.000)	2119149	40.0000	
31 Naphthalene	128	5.446	5.446	(1.003)	1185111	20.0000	23
32 4-Chloroaniline	127	5.510	5.510	(1.015)	421708	20.0000	22
33 Hexachlorobutadiene	225	5.581	5.581	(1.028)	208887	20.0000	23
111 Caprolactam	113	5.857	5.857	(1.079)	79688	20.0000	16
8 4-Chloro-3-methylphenol	107	6.022	6.022	(1.109)	283782	20.0000	21
34 2-Methylnaphthalene	142	6.140	6.140	(1.131)	715329	20.0000	22
120 1-Methylnaphthalene	142	6.240	6.240	(1.150)	718733	20.0000	20
35 Hexachlorocyclopentadiene	237	6.310	6.310	(0.879)	138045	20.0000	20
129 1,2,4,5-Tetrachlorobenzene	216	6.316	6.316	(0.880)	297066	20.0000	24
121 2-tert-Butyl-4-methylphenol	149	6.363	6.363	(1.172)	461250	20.0000	22
9 2,4,6-Trichlorophenol	196	6.434	6.434	(0.896)	187072	20.0000	22
10 2,4,5-Trichlorophenol	196	6.487	6.487	(0.903)	193364	20.0000	23
\$ 77 2-Fluorobiphenyl (SUR)	172	6.516	6.516	(0.907)	710038	20.0000	22
102 Diphenyl	154	6.610	6.610	(0.921)	799128	20.0000	23
36 2-Chloronaphthalene	162	6.628	6.628	(0.923)	611500	20.0000	22
103 Diphenyl Ether	170	6.716	6.716	(0.935)	437263	20.0000	23
37 2-Nitroaniline	65	6.734	6.734	(0.938)	184916	20.0000	22
125 1,3-Dimethylnaphthalene	156	6.845	6.845	(0.953)	514696	20.0000	22
38 Dimethylphthalate	163	6.922	6.922	(0.964)	592821	20.0000	22
114 Coumarin	146	6.934	6.934	(1.277)	201990	20.0000	20
40 2,6-Dinitrotoluene	165	6.975	6.975	(0.971)	140070	20.0000	21
39 Acenaphthylene	152	7.034	7.034	(0.980)	935686	20.0000	23
41 3-Nitroaniline	138	7.145	7.145	(0.995)	154248	20.0000	21
* 82 Acenaphthene-d10	164	7.181	7.181	(1.000)	978043	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	7.210	7.210	(1.004)	470461	20.0000	22

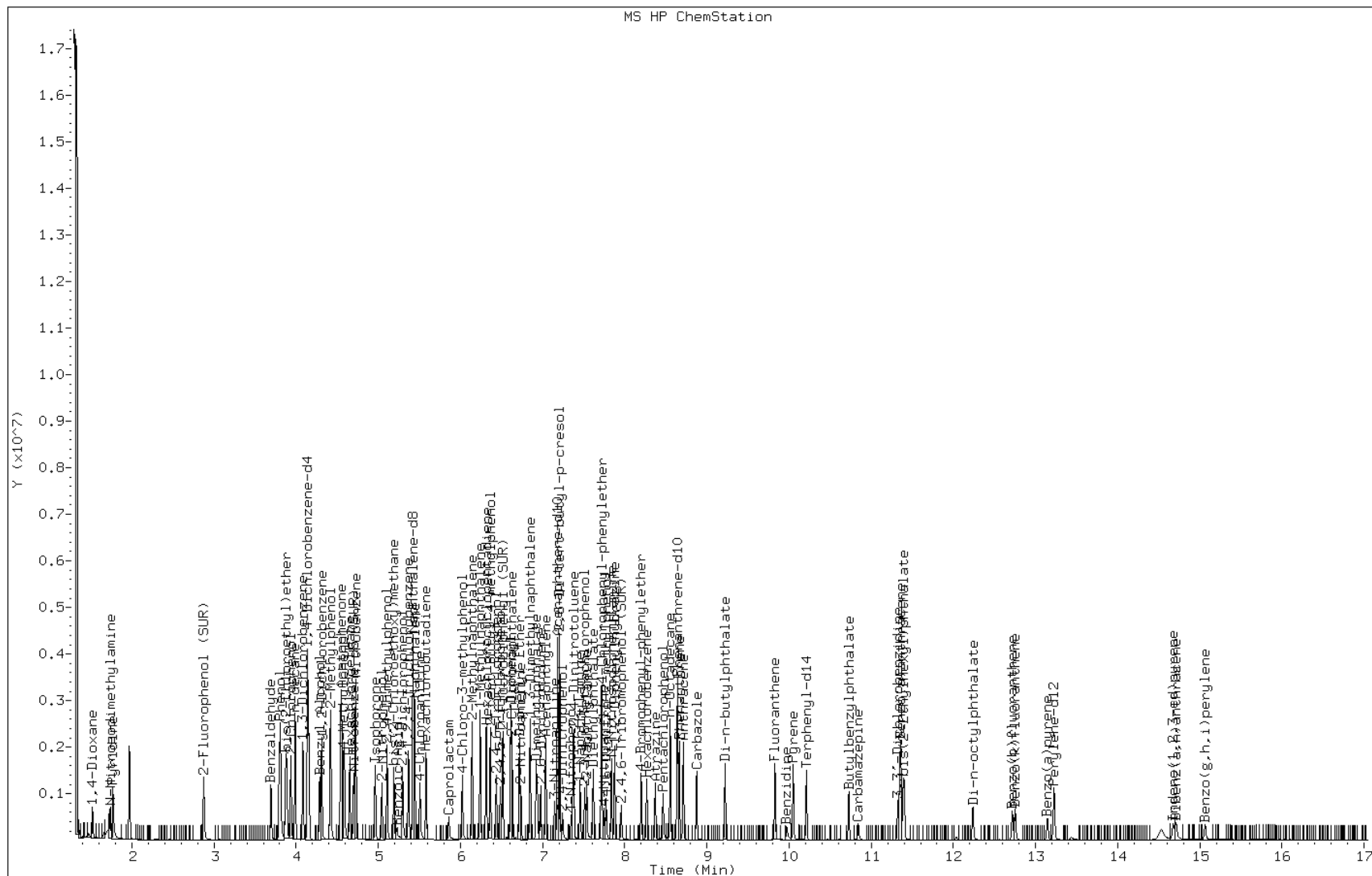
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	7.210	7.210	(1.004)	513693	20.0000	22
11 2,4-Dinitrophenol	184	7.245	7.245	(1.009)	93454	30.0000	27
12 4-Nitrophenol	65	7.351	7.351	(1.024)	141968	30.0000	30
44 2,4-Dinitrotoluene	165	7.375	7.375	(1.027)	164884	20.0000	22
43 Dibenzofuran	168	7.381	7.381	(1.028)	769487	20.0000	22
127 1-Naphthylamine	143	7.457	7.457	(1.038)	397794	20.0000	18
130 2,3,4,6-Tetrachlorophenol	232	7.516	7.516	(1.047)	147506	20.0000	22
128 2-Naphthylamine	143	7.540	7.540	(1.050)	464243	20.0000	20
45 Diethylphthalate	149	7.616	7.616	(1.061)	569118	20.0000	21
46 4-Chlorophenyl-phenylether	204	7.722	7.722	(1.075)	272138	20.0000	22
47 Fluorene	166	7.716	7.716	(1.075)	585500	20.0000	21
48 4-Nitroaniline	138	7.745	7.745	(1.079)	126645	20.0000	20
13 4,6-Dinitro-2-methylphenol	198	7.775	7.775	(0.900)	126027	30.0000	29
49 N-Nitrosodiphenylamine	169	7.839	7.839	(0.907)	407861	20.0000	22
75 1,2-Diphenylhydrazine	77	7.875	7.875	(0.911)	732736	20.0000	23
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.957	7.957	(1.108)	89240	20.0000	21
50 4-Bromophenyl-phenylether	248	8.198	8.198	(0.949)	164827	20.0000	22
51 Hexachlorobenzene	284	8.269	8.269	(0.957)	182129	20.0000	22
112 Atrazine	200	8.369	8.369	(0.969)	127360	20.0000	21
14 Pentachlorophenol	266	8.463	8.463	(0.980)	137841	30.0000	30
115 n-Octadecane	57	8.551	8.551	(0.990)	472574	20.0000	22
* 83 Phenanthrene-d10	188	8.639	8.639	(1.000)	1268557	40.0000	
52 Phenanthrene	178	8.663	8.663	(1.003)	736694	20.0000	22
53 Anthracene	178	8.710	8.710	(1.008)	751324	20.0000	22
54 Carbazole	167	8.875	8.875	(1.027)	610917	20.0000	21
55 Di-n-butylphthalate	149	9.222	9.222	(1.067)	794733	20.0000	21
56 Fluoranthene	202	9.828	9.828	(1.138)	633762	20.0000	22
58 Benzidine	184	9.969	9.969	(1.154)	185650	30.0000	58
57 Pyrene	202	10.051	10.051	(0.885)	615295	20.0000	22
\$ 78 Terphenyl-d14	244	10.210	10.210	(0.899)	451096	20.0000	22
59 Butylbenzylphthalate	149	10.728	10.728	(0.944)	254989	20.0000	20
124 Carbamazepine	193	10.839	10.839	(0.954)	100930	20.0000	17
60 3,3'-Dichlorobenzidine	252	11.328	11.328	(0.997)	218232	30.0000	34
61 Benzo(a)anthracene	228	11.351	11.351	(0.999)	441745	20.0000	20
* 81 Chrysene-d12	240	11.363	11.363	(1.000)	827095	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.404	11.404	(1.004)	338977	20.0000	21
62 Chrysene	228	11.392	11.392	(1.003)	438844	20.0000	22
64 Di-n-octylphthalate	149	12.239	12.239	(0.925)	467884	20.0000	20
65 Benzo(b)fluoranthene	252	12.716	12.716	(0.961)	329724	20.0000	20
66 Benzo(k)fluoranthene	252	12.751	12.751	(0.964)	362204	20.0000	21
67 Benzo(a)pyrene	252	13.151	13.151	(0.994)	264452	20.0000	20
* 84 Perylene-d12	264	13.227	13.227	(1.000)	569867	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.674	14.674	(1.109)	237589	20.0000	20(M)
69 Dibenz(a,h)anthracene	278	14.710	14.710	(1.112)	237096	20.0000	21
70 Benzo(g,h,i)perylene	276	15.063	15.063	(1.139)	228481	20.0000	19

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16107.d
Report Date: 29-Jun-2011 06:57

QC Flag Legend

M - Compound response manually integrated.

Operator: BNAMS 4

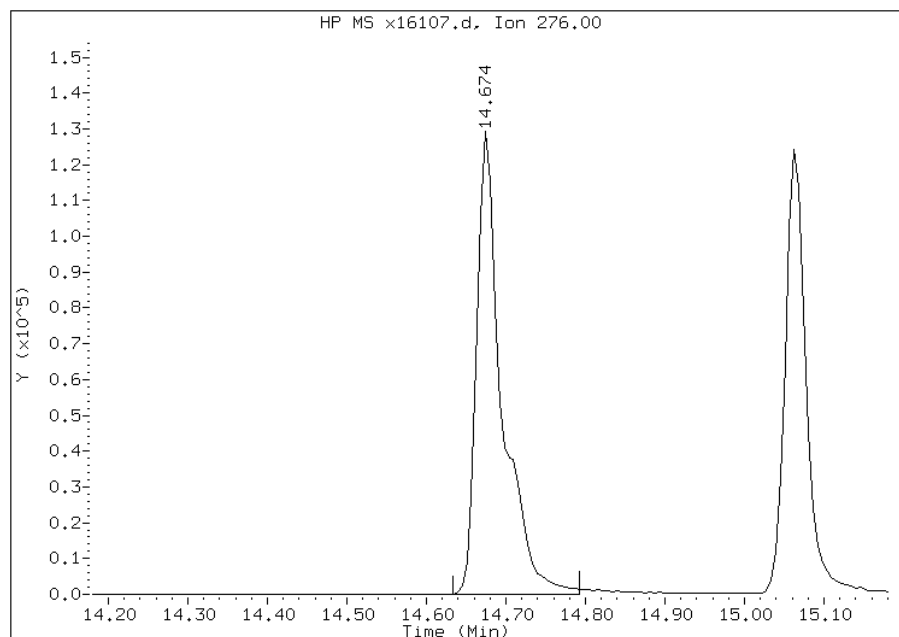


Manual Integration Report

Data File: x16107.d
Inj. Date and Time: 29-JUN-2011 04:30
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2011

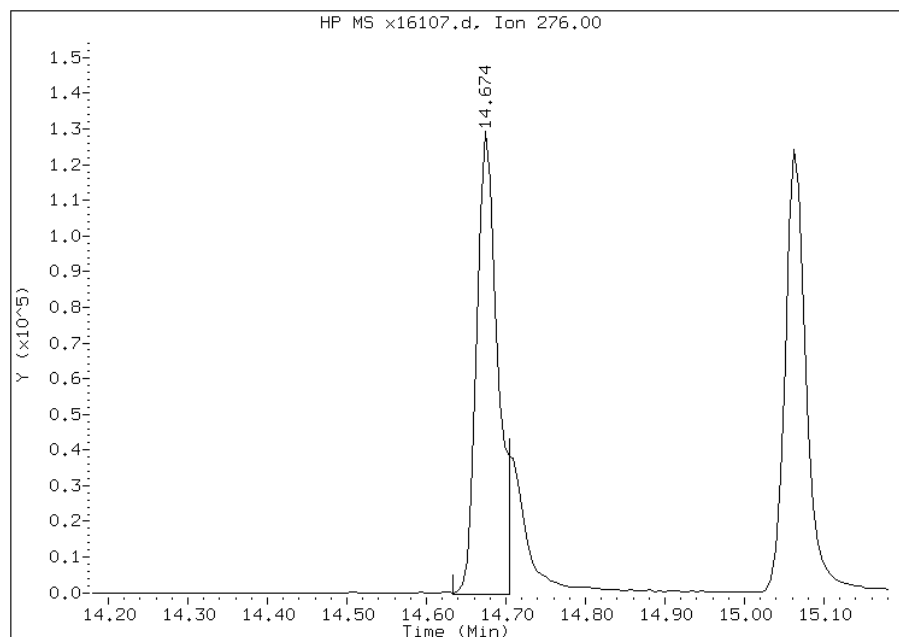
Processing Integration Results

RT: 14.67
Response: 286124
Amount: 22
Conc: 22



Manual Integration Results

RT: 14.67
Response: 237589
Amount: 20
Conc: 20



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16108.d
 Report Date: 29-Jun-2011 06:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16108.d
 Lab Smp Id: IC-1037483
 Inj Date : 29-JUN-2011 04:53
 Operator : BNAMS 4
 Smp Info : IC-1037483
 Misc Info : 10
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/8270C_08SP.m
 Meth Date : 29-Jun-2011 06:57 asfawa
 Cal Date : 29-JUN-2011 04:53
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16108.d
 Calibration Sample, Level: 6
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.528	1.528	(0.369)	104347	10.0000	11
19 N-Nitrosodimethylamine	74	1.740	1.740	(0.420)	142848	10.0000	11
71 Pyridine	79	1.781	1.781	(0.430)	204467	10.0000	9.6
\$ 16 2-Fluorophenol (SUR)	112	2.875	2.875	(0.694)	237447	10.0000	11
110 Benzaldehyde	77	3.693	3.693	(0.892)	159458	10.0000	20
\$ 17 Phenol-d5 (SUR)	99	3.793	3.793	(0.916)	284970	10.0000	10
1 Phenol	94	3.804	3.804	(0.919)	328248	10.0000	10
73 Aniline	93	3.810	3.810	(0.920)	298898	10.0000	11
20 bis(2-Chloroethyl)ether	93	3.869	3.869	(0.935)	280253	10.0000	12
2 2-Chlorophenol	128	3.934	3.934	(0.950)	263554	10.0000	10
113 n-decane	43	3.987	3.987	(0.963)	287382	10.0000	12
21 1,3-Dichlorobenzene	146	4.081	4.081	(0.986)	294516	10.0000	12
* 79 1,4-Dichlorobenzene-d4	152	4.140	4.140	(1.000)	629473	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16108.d
Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	4.157	4.157	(1.004)	290906	10.0000	12
74 Benzyl Alcohol	108	4.281	4.281	(1.034)	137899	10.0000	11
23 1,2-Dichlorobenzene	146	4.310	4.310	(1.041)	274134	10.0000	11
3 2-Methylphenol	108	4.410	4.410	(1.065)	215857	10.0000	10
24 bis (2-chloroisopropyl) ether	45	4.416	4.416	(1.067)	345313	10.0000	11
104 Acetophenone	105	4.545	4.545	(1.098)	296404	10.0000	11
4 4-Methylphenol	108	4.569	4.569	(1.104)	229842	10.0000	8.6
123 3 & 4 Methylphenol	108	4.569	4.569	(1.104)	239012	10.0000	8.7
25 N-Nitroso-di-n-propylamine	70	4.551	4.551	(1.099)	156621	10.0000	9.3
126 O-Toluidine	107	4.540	4.540	(1.097)	259634	10.0000	11
26 Hexachloroethane	117	4.651	4.651	(1.124)	108175	10.0000	11
\$ 76 Nitrobenzene-d5 (SUR)	82	4.698	4.698	(0.867)	231282	10.0000	11
27 Nitrobenzene	77	4.716	4.716	(0.870)	324368	10.0000	12
107 N,N-Dimethylaniline	120	4.722	4.722	(1.141)	338263	10.0000	12
28 Isophorone	82	4.957	4.957	(0.914)	402968	10.0000	11
5 2-Nitrophenol	139	5.040	5.040	(0.929)	128137	10.0000	11
6 2,4-Dimethylphenol	122	5.104	5.104	(0.941)	201955	10.0000	10
29 bis(2-Chloroethoxy)methane	93	5.187	5.187	(0.957)	262717	10.0000	11
15 Benzoic Acid	122	5.210	5.210	(0.961)	44480	10.0000	6.3
7 2,4-Dichlorophenol	162	5.298	5.298	(0.977)	180066	10.0000	9.8
30 1,2,4-Trichlorobenzene	180	5.369	5.369	(0.990)	204742	10.0000	12
* 80 Naphthalene-d8	136	5.422	5.422	(1.000)	2251699	40.0000	
31 Naphthalene	128	5.445	5.445	(1.004)	683443	10.0000	12
32 4-Chloroaniline	127	5.510	5.510	(1.016)	224753	10.0000	11
33 Hexachlorobutadiene	225	5.581	5.581	(1.029)	117476	10.0000	12
111 Caprolactam	113	5.845	5.845	(1.078)	37301	10.0000	7.1
8 4-Chloro-3-methylphenol	107	6.022	6.022	(1.111)	157322	10.0000	11
34 2-Methylnaphthalene	142	6.139	6.139	(1.132)	409906	10.0000	12
120 1-Methylnaphthalene	142	6.239	6.239	(1.151)	416851	10.0000	11
35 Hexachlorocyclopentadiene	237	6.310	6.310	(0.879)	74435	10.0000	9.9
129 1,2,4,5-Tetrachlorobenzene	216	6.316	6.316	(0.880)	170524	10.0000	12
121 2-tert-Butyl-4-methylphenol	149	6.363	6.363	(1.174)	268752	10.0000	12
9 2,4,6-Trichlorophenol	196	6.434	6.434	(0.896)	105081	10.0000	11
10 2,4,5-Trichlorophenol	196	6.481	6.481	(0.903)	104723	10.0000	11
\$ 77 2-Fluorobiphenyl (SUR)	172	6.510	6.510	(0.907)	401482	10.0000	11
102 Diphenyl	154	6.610	6.610	(0.921)	461245	10.0000	12
36 2-Chloronaphthalene	162	6.622	6.622	(0.922)	355353	10.0000	12
103 Diphenyl Ether	170	6.716	6.716	(0.935)	252358	10.0000	12
37 2-Nitroaniline	65	6.734	6.734	(0.938)	102292	10.0000	11
125 1,3-Dimethylnaphthalene	156	6.845	6.845	(0.953)	305884	10.0000	12
38 Dimethylphthalate	163	6.916	6.916	(0.963)	338025	10.0000	11
114 Coumarin	146	6.934	6.934	(1.279)	116927	10.0000	11
40 2,6-Dinitrotoluene	165	6.975	6.975	(0.971)	77162	10.0000	11
39 Acenaphthylene	152	7.034	7.034	(0.980)	535938	10.0000	12
41 3-Nitroaniline	138	7.139	7.139	(0.994)	82018	10.0000	10
* 82 Acenaphthene-d10	164	7.181	7.181	(1.000)	1055880	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	7.210	7.210	(1.004)	293557	10.0000	12

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16108.d
Report Date: 29-Jun-2011 06:57

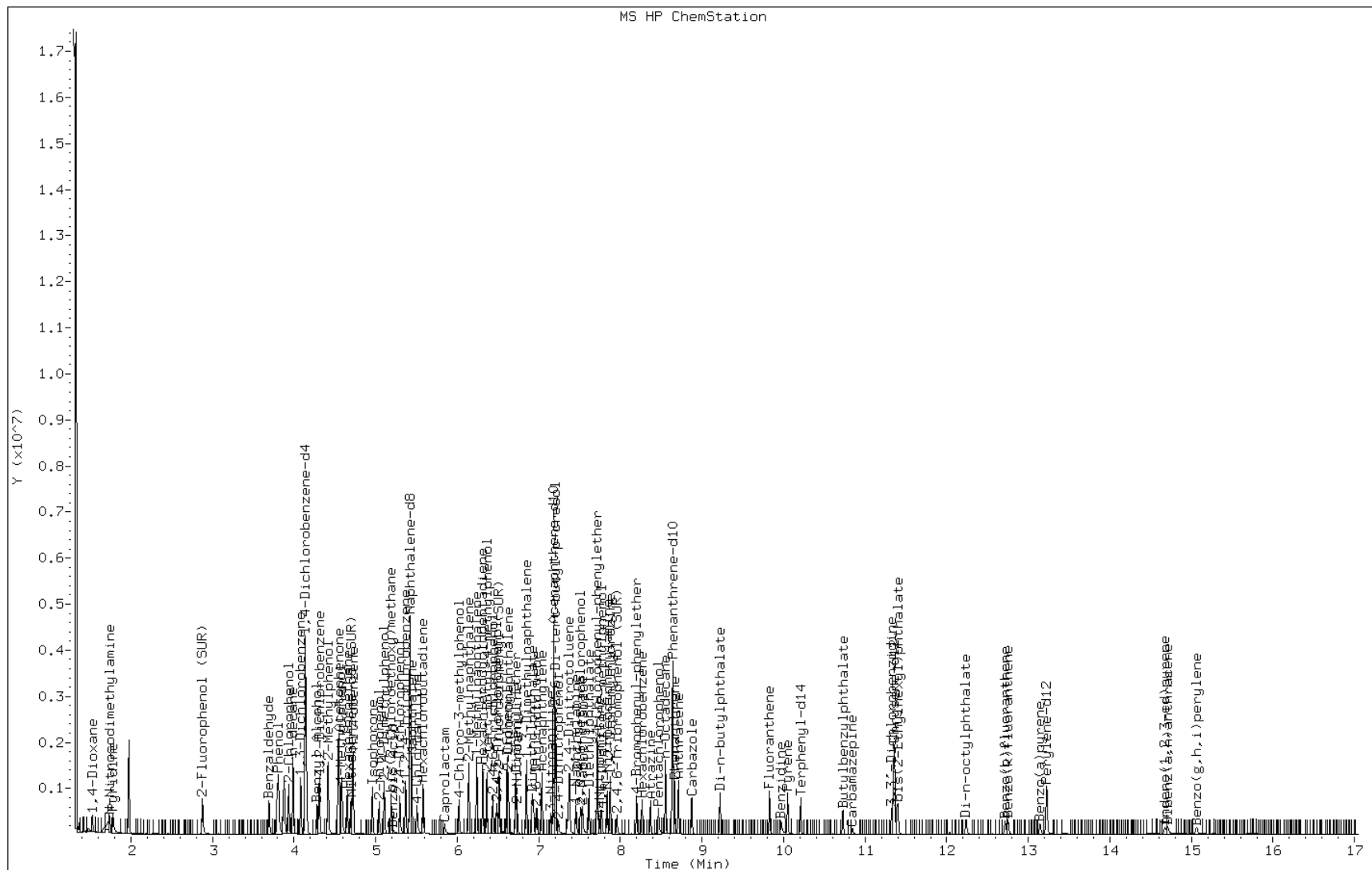
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	7.210	7.210	(1.004)	305964	10.0000	11
11 2,4-Dinitrophenol	184	7.245	7.245	(1.009)	53545	20.0000	15
12 4-Nitrophenol	65	7.351	7.351	(1.024)	92044	20.0000	18
44 2,4-Dinitrotoluene	165	7.369	7.369	(1.026)	92950	10.0000	11
43 Dibenzofuran	168	7.381	7.381	(1.028)	456037	10.0000	12
127 1-Naphthylamine	143	7.457	7.457	(1.038)	208656	10.0000	8.6
130 2,3,4,6-Tetrachlorophenol	232	7.516	7.516	(1.047)	80543	10.0000	11
128 2-Naphthylamine	143	7.539	7.539	(1.050)	275944	10.0000	11
45 Diethylphthalate	149	7.616	7.616	(1.061)	318074	10.0000	11
46 4-Chlorophenyl-phenylether	204	7.722	7.722	(1.075)	163763	10.0000	11
47 Fluorene	166	7.716	7.716	(1.075)	344927	10.0000	11
48 4-Nitroaniline	138	7.745	7.745	(1.079)	62974	10.0000	9.5(a)
13 4,6-Dinitro-2-methylphenol	198	7.775	7.775	(0.900)	84180	20.0000	18
49 N-Nitrosodiphenylamine	169	7.839	7.839	(0.907)	227662	10.0000	11
75 1,2-Diphenylhydrazine	77	7.875	7.875	(0.911)	412600	10.0000	12
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.957	7.957	(1.108)	49061	10.0000	10
50 4-Bromophenyl-phenylether	248	8.198	8.198	(0.949)	93316	10.0000	11
51 Hexachlorobenzene	284	8.269	8.269	(0.957)	105290	10.0000	12
112 Atrazine	200	8.369	8.369	(0.969)	73219	10.0000	11
14 Pentachlorophenol	266	8.469	8.469	(0.980)	86528	20.0000	18
115 n-Octadecane	57	8.551	8.551	(0.990)	276525	10.0000	12
* 83 Phenanthrene-d10	188	8.639	8.639	(1.000)	1352513	40.0000	
52 Phenanthrene	178	8.663	8.663	(1.003)	420032	10.0000	11
53 Anthracene	178	8.710	8.710	(1.008)	413559	10.0000	11
54 Carbazole	167	8.875	8.875	(1.027)	340152	10.0000	11
55 Di-n-butylphthalate	149	9.222	9.222	(1.067)	438133	10.0000	11
56 Fluoranthene	202	9.827	9.827	(1.138)	342353	10.0000	11
58 Benzidine	184	9.969	9.969	(1.154)	186152	20.0000	38
57 Pyrene	202	10.051	10.051	(0.885)	341782	10.0000	12
\$ 78 Terphenyl-d14	244	10.210	10.210	(0.899)	240614	10.0000	11
59 Butylbenzylphthalate	149	10.727	10.727	(0.944)	131095	10.0000	10
124 Carbamazepine	193	10.845	10.845	(0.954)	40712	10.0000	6.9
60 3,3'-Dichlorobenzidine	252	11.327	11.327	(0.997)	148445	20.0000	22
61 Benzo(a)anthracene	228	11.345	11.345	(0.998)	225432	10.0000	10
* 81 Chrysene-d12	240	11.363	11.363	(1.000)	840748	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.404	11.404	(1.004)	175872	10.0000	10
62 Chrysene	228	11.392	11.392	(1.003)	224764	10.0000	11
64 Di-n-octylphthalate	149	12.239	12.239	(0.925)	215817	10.0000	9.8
65 Benzo(b)fluoranthene	252	12.716	12.716	(0.961)	158391	10.0000	10
66 Benzo(k)fluoranthene	252	12.751	12.751	(0.964)	169042	10.0000	10
67 Benzo(a)pyrene	252	13.145	13.145	(0.994)	124228	10.0000	9.8
* 84 Perylene-d12	264	13.227	13.227	(1.000)	547097	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.674	14.674	(1.109)	106239	10.0000	9.3(M)
69 Dibenz(a,h)anthracene	278	14.709	14.709	(1.112)	106933	10.0000	10
70 Benzo(g,h,i)perylene	276	15.062	15.062	(1.139)	106843	10.0000	9.5

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16108.d
Report Date: 29-Jun-2011 06:57

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Operator: BNAMS 4

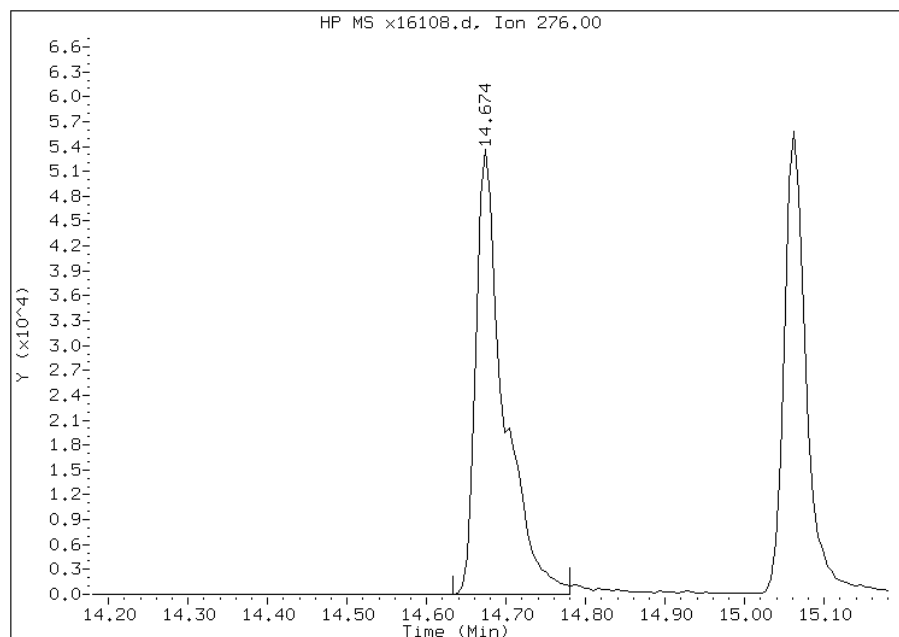


Manual Integration Report

Data File: x16108.d
Inj. Date and Time: 29-JUN-2011 04:53
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 06/29/2011

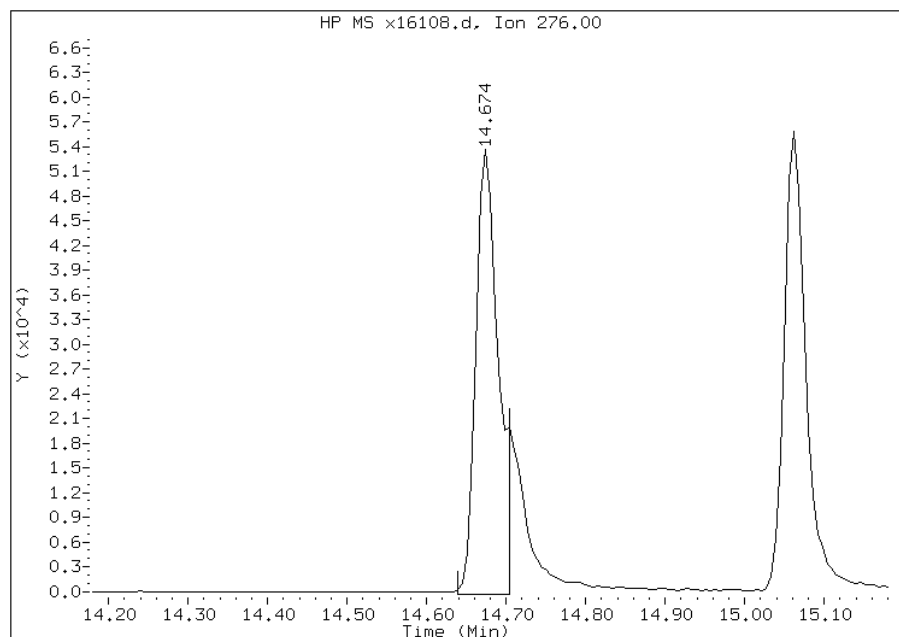
Processing Integration Results

RT: 14.67
Response: 130803
Amount: 11
Conc: 11



Manual Integration Results

RT: 14.67
Response: 106239
Amount: 9
Conc: 9



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16109.d
 Report Date: 29-Jun-2011 06:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16109.d
 Lab Smp Id: IC-1037481
 Inj Date : 29-JUN-2011 05:17
 Operator : BNAMS 4
 Smp Info : IC-1037481
 Misc Info : 5
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/8270C_08SP.m
 Meth Date : 29-Jun-2011 06:57 asfawa
 Cal Date : 29-JUN-2011 05:17
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16109.d
 Calibration Sample, Level: 1
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.540	1.540	(0.372)	57072	5.00000	5.4
19 N-Nitrosodimethylamine	74	1.752	1.752	(0.423)	76616	5.00000	5.4
71 Pyridine	79	1.793	1.793	(0.433)	92099	5.00000	4.2(a)
\$ 16 2-Fluorophenol (SUR)	112	2.881	2.881	(0.696)	126026	5.00000	5.6
110 Benzaldehyde	77	3.693	3.693	(0.892)	105676	5.00000	9.9
\$ 17 Phenol-d5 (SUR)	99	3.793	3.793	(0.916)	163307	5.00000	5.2
1 Phenol	94	3.804	3.804	(0.919)	192797	5.00000	5.6
73 Aniline	93	3.810	3.810	(0.920)	141191	5.00000	4.9(a)
20 bis(2-Chloroethyl)ether	93	3.869	3.869	(0.935)	22444	0.50000	0.94
2 2-Chlorophenol	128	3.934	3.934	(0.950)	146216	5.00000	5.2
113 n-decane	43	3.987	3.987	(0.963)	162296	5.00000	6.2
21 1,3-Dichlorobenzene	146	4.081	4.081	(0.986)	158754	5.00000	5.8
* 79 1,4-Dichlorobenzene-d4	152	4.140	4.140	(1.000)	667213	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16109.d
Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	4.157	4.157	(1.004)	156499	5.00000	5.8
74 Benzyl Alcohol	108	4.281	4.281	(1.034)	74425	5.00000	5.4
23 1,2-Dichlorobenzene	146	4.310	4.310	(1.041)	148979	5.00000	5.5
3 2-Methylphenol	108	4.410	4.410	(1.065)	122772	5.00000	5.2
24 bis (2-chloroisopropyl) ether	45	4.416	4.416	(1.067)	193181	5.00000	5.6
104 Acetophenone	105	4.546	4.546	(1.098)	179113	5.00000	6.2
4 4-Methylphenol	108	4.569	4.569	(1.104)	128466	5.00000	4.3(a)
123 3 & 4 Methylphenol	108	4.569	4.569	(1.104)	134692	5.00000	4.3(a)
25 N-Nitroso-di-n-propylamine	70	4.551	4.551	(1.099)	8830	0.50000	0.44(a)
126 O-Toluidine	107	4.540	4.540	(1.097)	145308	5.00000	5.8
26 Hexachloroethane	117	4.651	4.651	(1.124)	5828	0.50000	0.56
\$ 76 Nitrobenzene-d5 (SUR)	82	4.693	4.693	(0.865)	134458	5.00000	5.7
27 Nitrobenzene	77	4.716	4.716	(0.870)	17701	0.50000	0.58
107 N,N-Dimethylaniline	120	4.722	4.722	(1.141)	14632	0.50000	0.49(a)
28 Isophorone	82	4.957	4.957	(0.914)	223420	5.00000	5.5
5 2-Nitrophenol	139	5.040	5.040	(0.929)	69107	5.00000	5.5
6 2,4-Dimethylphenol	122	5.104	5.104	(0.941)	116789	5.00000	5.4
29 bis(2-Chloroethoxy)methane	93	5.187	5.187	(0.957)	145032	5.00000	5.6
15 Benzoic Acid	122	5.222	5.222	(0.963)	5594	5.00000	0.86(a)
7 2,4-Dichlorophenol	162	5.298	5.298	(0.977)	101034	5.00000	5.0
30 1,2,4-Trichlorobenzene	180	5.369	5.369	(0.990)	11519	0.50000	0.59
* 80 Naphthalene-d8	136	5.422	5.422	(1.000)	2404830	40.0000	
31 Naphthalene	128	5.446	5.446	(1.004)	373854	5.00000	5.8
32 4-Chloroaniline	127	5.510	5.510	(1.016)	137311	5.00000	5.9
33 Hexachlorobutadiene	225	5.581	5.581	(1.029)	13641	1.00000	1.2
111 Caprolactam	113	5.846	5.846	(1.078)	18081	5.00000	3.2(a)
8 4-Chloro-3-methylphenol	107	6.022	6.022	(1.111)	90599	5.00000	5.7
34 2-Methylnaphthalene	142	6.140	6.140	(1.132)	232954	5.00000	5.9
120 1-Methylnaphthalene	142	6.240	6.240	(1.151)	242154	5.00000	5.7(a)
35 Hexachlorocyclopentadiene	237	6.310	6.310	(0.879)	37509	5.00000	4.6(a)
129 1,2,4,5-Tetrachlorobenzene	216	6.310	6.310	(0.879)	104198	5.00000	6.9
121 2-tert-Butyl-4-methylphenol	149	6.357	6.357	(1.172)	158333	5.00000	6.1
9 2,4,6-Trichlorophenol	196	6.434	6.434	(0.896)	61840	5.00000	5.9
10 2,4,5-Trichlorophenol	196	6.481	6.481	(0.903)	61515	5.00000	5.8
\$ 77 2-Fluorobiphenyl (SUR)	172	6.510	6.510	(0.907)	239095	5.00000	6.1
102 Diphenyl	154	6.610	6.610	(0.921)	273372	5.00000	6.4
36 2-Chloronaphthalene	162	6.622	6.622	(0.922)	201462	5.00000	6.0
103 Diphenyl Ether	170	6.716	6.716	(0.935)	141276	5.00000	5.8
37 2-Nitroaniline	65	6.734	6.734	(0.938)	122642	10.0000	12
125 1,3-Dimethylnaphthalene	156	6.845	6.845	(0.953)	176539	5.00000	6.1
38 Dimethylphthalate	163	6.916	6.916	(0.963)	193416	5.00000	5.7
114 Coumarin	146	6.928	6.928	(1.278)	69408	5.00000	5.8
40 2,6-Dinitrotoluene	165	6.969	6.969	(0.970)	7910	1.00000	1.0
39 Acenaphthylene	152	7.034	7.034	(0.980)	317443	5.00000	6.0
41 3-Nitroaniline	138	7.140	7.140	(0.994)	93802	10.0000	10
* 82 Acenaphthene-d10	164	7.181	7.181	(1.000)	1150876	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	7.210	7.210	(1.004)	166776	5.00000	6.3

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16109.d
Report Date: 29-Jun-2011 06:57

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	7.210	7.210	(1.004)	177642	5.00000	5.9
11 2,4-Dinitrophenol	184	7.245	7.245	(1.009)	40584	15.0000	11(a)
12 4-Nitrophenol	65	7.351	7.351	(1.024)	73081	15.0000	14(a)
44 2,4-Dinitrotoluene	165	7.369	7.369	(1.026)	11015	1.00000	1.2
43 Dibenzofuran	168	7.381	7.381	(1.028)	261831	5.00000	5.9
127 1-Naphthylamine	143	7.457	7.457	(1.038)	75995	5.00000	2.8(a)
130 2,3,4,6-Tetrachlorophenol	232	7.510	7.510	(1.046)	48126	5.00000	5.8
128 2-Naphthylamine	143	7.540	7.540	(1.050)	132221	5.00000	4.9(a)
45 Diethylphthalate	149	7.616	7.616	(1.061)	180813	5.00000	5.5
46 4-Chlorophenyl-phenylether	204	7.722	7.722	(1.075)	96290	5.00000	6.0
47 Fluorene	166	7.716	7.716	(1.075)	199669	5.00000	5.6
48 4-Nitroaniline	138	7.740	7.740	(1.078)	80541	10.0000	11
13 4,6-Dinitro-2-methylphenol	198	7.769	7.769	(0.899)	70819	15.0000	14(a)
49 N-Nitrosodiphenylamine	169	7.834	7.834	(0.907)	134350	5.00000	5.7
75 1,2-Diphenylhydrazine	77	7.875	7.875	(0.911)	200437	5.00000	4.9(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.957	7.957	(1.108)	29866	5.00000	5.7
50 4-Bromophenyl-phenylether	248	8.198	8.198	(0.949)	53944	5.00000	5.6
51 Hexachlorobenzene	284	8.263	8.263	(0.956)	6416	0.50000	0.59
112 Atrazine	200	8.369	8.369	(0.969)	43586	5.00000	5.5
14 Pentachlorophenol	266	8.463	8.463	(0.980)	75000	15.0000	14(a)
115 n-Octadecane	57	8.551	8.551	(0.990)	160632	5.00000	5.9
* 83 Phenanthrene-d10	188	8.639	8.639	(1.000)	1553492	40.0000	
52 Phenanthrene	178	8.657	8.657	(1.002)	242853	5.00000	5.6
53 Anthracene	178	8.710	8.710	(1.008)	244101	5.00000	5.6
54 Carbazole	167	8.869	8.869	(1.027)	199868	5.00000	5.5
55 Di-n-butylphthalate	149	9.222	9.222	(1.067)	251752	5.00000	5.4
56 Fluoranthene	202	9.828	9.828	(1.138)	210998	5.00000	5.6
58 Benzidine	184	9.981	9.981	(1.155)	38312	5.00000	6.4
57 Pyrene	202	10.051	10.051	(0.885)	204654	5.00000	5.5
\$ 78 Terphenyl-d14	244	10.210	10.210	(0.899)	155922	5.00000	5.8
59 Butylbenzylphthalate	149	10.728	10.728	(0.944)	78517	5.00000	5.0
124 Carbamazepine	193	10.845	10.845	(0.954)	21092	5.00000	2.9(a)
60 3,3'-Dichlorobenzidine	252	11.328	11.328	(0.997)	94078	10.0000	11
61 Benzo(a)anthracene	228	11.351	11.351	(0.999)	16763	0.50000	0.60
* 81 Chrysene-d12	240	11.363	11.363	(1.000)	1025394	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.404	11.404	(1.004)	104823	5.00000	5.1
62 Chrysene	228	11.386	11.386	(1.002)	138433	5.00000	5.4
64 Di-n-octylphthalate	149	12.239	12.239	(0.925)	127417	5.00000	4.9(a)
65 Benzo(b)fluoranthene	252	12.716	12.716	(0.961)	8379	0.50000	0.46(a)
66 Benzo(k)fluoranthene	252	12.751	12.751	(0.964)	9431	0.50000	0.48(a)
67 Benzo(a)pyrene	252	13.151	13.151	(0.994)	6333	0.50000	0.43(a)
* 84 Perylene-d12	264	13.227	13.227	(1.000)	649031	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.680	14.680	(1.110)	6009	0.50000	0.45(a)
69 Dibenz(a,h)anthracene	278	14.710	14.710	(1.112)	4247	0.50000	0.34(a)
70 Benzo(g,h,i)perylene	276	15.063	15.063	(1.139)	57106	5.00000	4.4(a)

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16109.d
Report Date: 29-Jun-2011 06:57

QC Flag Legend

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

Data File: x16109.d

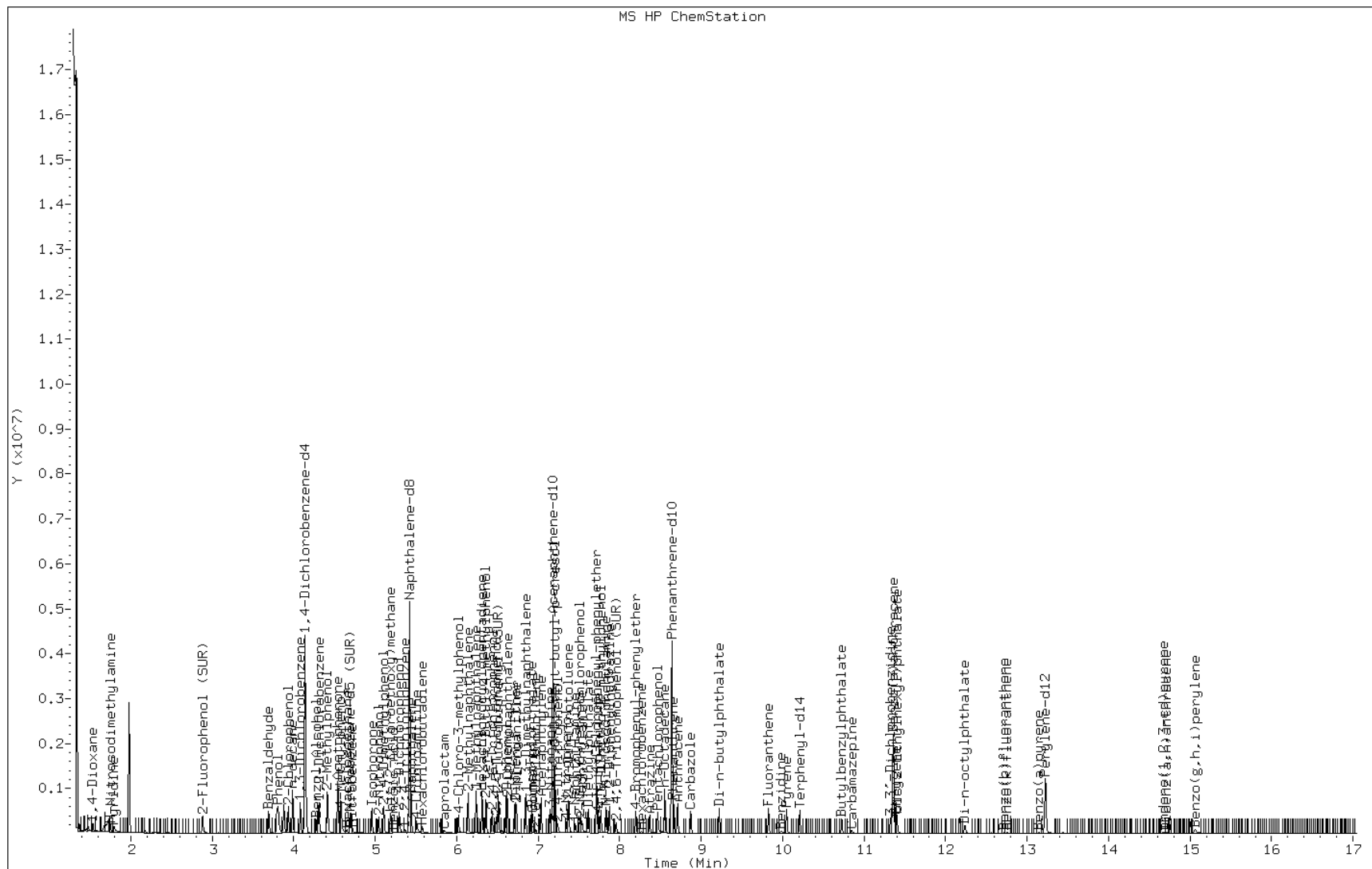
Date: 29-JUN-2011 05:17

Client ID:

Instrument: BNAMS5.i

Sample Info: IC-1037481

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-79233/2 Calibration Date: 07/06/2011 12:13

Instrument ID: BNAMS11 Calib Start Date: 07/05/2011 11:05

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 07/05/2011 12:56

Lab File ID: z18202.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6353	0.6590		51900	50000	3.7	20.0
N-Nitrosodimethylamine	Ave	0.7897	0.8139		51500	50000	3.1	20.0
Pyridine	Ave	1.471	1.432		48700	50000	-2.7	20.0
Benzaldehyde	Ave	0.5010	0.5279		52700	50000	5.4	20.0
Aniline	Ave	1.941	1.926		49600	50000	-0.8	20.0
Phenol	Ave	1.699	1.684		49500	50000	-0.9	20.0
Bis(2-chloroethyl)ether	Ave	1.360	1.365		50200	50000	0.3	20.0
2-Chlorophenol	Ave	1.378	1.373		49800	50000	-0.3	20.0
Decane	Ave	1.643	1.680		51100	50000	2.3	20.0
1,3-Dichlorobenzene	Ave	1.580	1.566		49600	50000	-0.9	20.0
1,4-Dichlorobenzene	Ave	1.582	1.561		49400	50000	-1.3	20.0
Benzyl alcohol	Ave	0.7174	0.7920		55200	50000	10.4	20.0
1,2-Dichlorobenzene	Ave	1.444	1.432		49600	50000	-0.9	20.0
bis (2-chloroisopropyl) ether	Ave	1.752	1.825		52100	50000	4.2	20.0
2-Methylphenol	Ave	1.075	1.077		50100	50000	0.2	20.0
o-Toluidine	Ave	1.451	1.450		50000	50000	-0.0	20.0
Acetophenone	Ave	1.688	1.699		50300	50000	0.7	20.0
N-Nitrosodi-n-propylamine	Ave	0.8142	0.8738	0.0500	53700	50000	7.3	20.0
3 & 4 Methylphenol	Ave	1.172	1.219		52000	50000	4.0	20.0
4-Methylphenol	Ave	1.159	1.210		52200	50000	4.4	20.0
Hexachloroethane	Ave	0.6698	0.6575		49100	50000	-1.8	20.0
Nitrobenzene	Ave	0.5767	0.5682		49300	50000	-1.5	20.0
n,n'-Dimethylaniline	Ave	1.884	1.923		51000	50000	2.1	20.0
Isophorone	Ave	0.6131	0.6489		52900	50000	5.8	20.0
2-Nitrophenol	Ave	0.1838	0.1937		52700	50000	5.3	20.0
2,4-Dimethylphenol	Ave	0.3007	0.3115		51800	50000	3.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3932	0.4119		52400	50000	4.8	20.0
2,4-Dichlorophenol	Ave	0.2547	0.2681		52600	50000	5.3	20.0
Benzoic acid	QuaF	0.1095	0.1575		59400	50000	18.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3134	0.3108		49600	50000	-0.8	20.0
Naphthalene	Ave	1.110	1.099		49500	50000	-1.0	20.0
4-Chloroaniline	Ave	0.3753	0.3942		52500	50000	5.0	20.0
Hexachlorobutadiene	Ave	0.1774	0.1766		49800	50000	-0.4	20.0
Caprolactam	Ave	0.0647	0.0845		65300	50000	30.6*	20.0
4-Chloro-3-methylphenol	Ave	0.2504	0.2756		55000	50000	10.1	20.0
2-Methylnaphthalene	Ave	0.6169	0.6331		51300	50000	2.6	20.0
1-Methylnaphthalene	Ave	0.6227	0.6316		50700	50000	1.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6275	0.5817		46300	50000	-7.3	20.0
Hexachlorocyclopentadiene	QuaF	0.3355	0.2965	0.0500	44600	50000	-10.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.4086	0.4380		53600	50000	7.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-79233/2 Calibration Date: 07/06/2011 12:13

Instrument ID: BNAMS11 Calib Start Date: 07/05/2011 11:05

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 07/05/2011 12:56

Lab File ID: z18202.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,6-Trichlorophenol	Ave	0.3536	0.3521		49800	50000	-0.4	20.0
2,4,5-Trichlorophenol	Ave	0.3498	0.3571		51000	50000	2.1	20.0
Diphenyl	Ave	1.607	1.546		48100	50000	-3.8	20.0
2-Chloronaphthalene	Ave	1.185	1.119		47200	50000	-5.6	20.0
Diphenyl ether	Ave	0.8390	0.8167		48700	50000	-2.7	20.0
2-Nitroaniline	Ave	0.3888	0.4060		52200	50000	4.4	20.0
Dimethylnaphthalene, total	Ave	1.001	0.9902		49500	50000	-1.1	20.0
Coumarin	Ave	0.1483	0.1749		59000	50000	17.9	20.0
Dimethyl phthalate	Ave	1.084	1.133		52200	50000	4.5	20.0
2,6-Dinitrotoluene	Ave	0.2365	0.2656		56100	50000	12.3	20.0
Acenaphthylene	Ave	1.772	1.759		49600	50000	-0.7	20.0
3-Nitroaniline	Ave	0.2424	0.2713		56000	50000	11.9	20.0
Acenaphthene	Ave	1.065	1.061		49800	50000	-0.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.029	1.020		49600	50000	-0.9	20.0
2,4-Dinitrophenol	QuaF	0.0975	0.1316	0.0500	59600	50000	19.2	20.0
4-Nitrophenol	Ave	0.2027	0.2318	0.0500	57200	50000	14.3	20.0
Dibenzofuran	Ave	1.461	1.474		50400	50000	0.9	20.0
2,4-Dinitrotoluene	Ave	0.2996	0.3243		54100	50000	8.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2192	0.2339		53300	50000	6.7	20.0
2-Naphthylamine	Ave	0.8270	0.8878		53700	50000	7.3	20.0
Diethyl phthalate	Ave	1.038	1.123		54100	50000	8.2	20.0
Fluorene	Ave	1.157	1.207		52100	50000	4.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5320	0.5467		51400	50000	2.8	20.0
4-Nitroaniline	Ave	0.1834	0.2261		61600	50000	23.3*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1160	0.1335		57600	50000	15.1	20.0
N-Nitrosodiphenylamine	Ave	0.5883	0.5778		49100	50000	-1.8	20.0
1,2-Diphenylhydrazine	Ave	1.194	1.189		49800	50000	-0.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2151	0.2143		49800	50000	-0.4	20.0
Hexachlorobenzene	Ave	0.2273	0.2265		49800	50000	-0.3	20.0
Atrazine	Ave	0.1914	0.2008		52500	50000	4.9	20.0
Pentachlorophenol	Ave	0.1062	0.1247		58700	50000	17.4	20.0
n-Octadecane	Ave	0.7880	0.7831		49700	50000	-0.6	20.0
Phenanthrene	Ave	1.118	1.119		50100	50000	0.1	20.0
Anthracene	Ave	1.121	1.146		51100	50000	2.2	20.0
Carbazole	Ave	0.8891	0.9258		52100	50000	4.1	20.0
Di-n-butyl phthalate	Ave	1.145	1.230		53700	50000	7.4	20.0
Fluoranthene	Ave	0.9222	0.9739		52800	50000	5.6	20.0
Benzidine	Ave	0.1159	0.1021		44100	50000	-11.9	20.0
Pyrene	Ave	1.607	1.589		49400	50000	-1.1	20.0
Butyl benzyl phthalate	Ave	0.6614	0.6867		51900	50000	3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-79233/2 Calibration Date: 07/06/2011 12:13
 Instrument ID: BNAMS11 Calib Start Date: 07/05/2011 11:05
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 07/05/2011 12:56
 Lab File ID: z18202.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD (Screen)	Ave	0.1426	0.1375		482	500	-3.5	20.0
Carbamazepine	LinF	0.4059	0.5063		51000	50000	2.0	20.0
3,3'-Dichlorobenzidine	Ave	0.2970	0.3106		52300	50000	4.6	20.0
Benzo[a]anthracene	Ave	1.089	1.046		48000	50000	-3.9	20.0
Chrysene	Ave	1.009	1.030		51100	50000	2.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8689	0.9155		52700	50000	5.4	20.0
Di-n-octyl phthalate	Ave	1.697	1.786		52600	50000	5.3	20.0
Benzo[b]fluoranthene	Ave	1.128	1.065		47200	50000	-5.6	20.0
Benzo[k]fluoranthene	Ave	1.164	1.249		53600	50000	7.3	20.0
Benzo[a]pyrene	Ave	0.8744	0.9262		53000	50000	5.9	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8000	0.8366		51200	50000	2.3	20.0
Dibenz(a,h)anthracene	Ave	0.8051	0.8926		55400	50000	10.9	20.0
Benzo[g,h,i]perylene	Ave	0.8542	0.8909		52100	50000	4.3	20.0
2-Fluorophenol	Ave	1.246	1.197		48000	50000	-3.9	20.0
Phenol-d5	Ave	1.478	1.426		48200	50000	-3.5	20.0
Nitrobenzene-d5	Ave	0.4172	0.4164		49900	50000	-0.2	20.0
2-Fluorobiphenyl	Ave	1.398	1.326		47400	50000	-5.2	20.0
2,4,6-Tribromophenol	Ave	0.1344	0.1474		54800	50000	9.7	20.0
Terphenyl-d14	Ave	0.9523	0.9331		49000	50000	-2.0	20.0

Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18202.d
 Report Date: 06-Jul-2011 12:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18202.d
 Lab Smp Id: CCVIS-1037487
 Inj Date : 06-JUL-2011 12:13
 Operator : BNAMS 4
 Smp Info : CCVIS-1037487
 Misc Info : 50 ppm bna 4569
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/06jul11.b/8270C_08SP.m
 Meth Date : 06-Jul-2011 12:29 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COL
						(ug/ml)	(ug/ml)
106 1,4-Dioxane	88	1.018	1.018	(0.292)	288285	50.0000	52
19 N-Nitrosodimethylamine	74	1.207	1.207	(0.346)	356071	50.0000	52
71 Pyridine	79	1.224	1.224	(0.351)	626347	50.0000	49
\$ 16 2-Fluorophenol (SUR)	112	2.248	2.248	(0.644)	523596	50.0000	48
110 Benzaldehyde	77	3.036	3.036	(0.870)	230950	50.0000	53
\$ 17 Phenol-d5 (SUR)	99	3.159	3.159	(0.906)	623888	50.0000	48
1 Phenol	94	3.177	3.177	(0.911)	736508	50.0000	50
73 Aniline	93	3.153	3.153	(0.904)	842578	50.0000	50
20 bis(2-Chloroethyl)ether	93	3.236	3.236	(0.928)	597180	50.0000	50
2 2-Chlorophenol	128	3.277	3.277	(0.939)	600753	50.0000	50
113 n-decane	43	3.353	3.353	(0.961)	735138	50.0000	51
21 1,3-Dichlorobenzene	146	3.430	3.430	(0.983)	685083	50.0000	50
* 79 1,4-Dichlorobenzene-d4	152	3.489	3.489	(1.000)	349988	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18202.d
Report Date: 06-Jul-2011 12:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.506	3.506	(1.005)	683057	50.0000	49
74 Benzyl Alcohol	108	3.653	3.653	(1.047)	346477	50.0000	55
23 1,2-Dichlorobenzene	146	3.659	3.659	(1.049)	626306	50.0000	50
3 2-Methylphenol	108	3.800	3.800	(1.089)	471123	50.0000	50
24 bis (2-chloroisopropyl) ether	45	3.795	3.795	(1.088)	798340	50.0000	52
104 Acetophenone	105	3.924	3.924	(1.125)	743372	50.0000	50
126 O-Toluidine	107	3.912	3.912	(1.121)	634269	50.0000	50
4 4-Methylphenol	108	3.959	3.959	(1.135)	529510	50.0000	52
123 3 & 4 Methylphenol	108	3.959	3.959	(1.135)	533169	50.0000	52
25 N-Nitroso-di-n-propylamine	70	3.936	3.936	(1.128)	382277	50.0000	54
26 Hexachloroethane	117	4.006	4.006	(1.148)	287656	50.0000	49
\$ 76 Nitrobenzene-d5 (SUR)	82	4.065	4.065	(0.849)	607437	50.0000	50
27 Nitrobenzene	77	4.089	4.089	(0.854)	828923	50.0000	49
107 N,N-Dimethylaniline	120	4.095	4.095	(1.174)	841374	50.0000	51
28 Isophorone	82	4.336	4.336	(0.905)	946748	50.0000	53
5 2-Nitrophenol	139	4.412	4.412	(0.921)	282545	50.0000	53
6 2,4-Dimethylphenol	122	4.500	4.500	(0.940)	454443	50.0000	52
29 bis(2-Chloroethoxy)methane	93	4.583	4.583	(0.957)	600985	50.0000	52
15 Benzoic Acid	122	4.671	4.671	(0.975)	229752	50.0000	59(MH)
7 2,4-Dichlorophenol	162	4.671	4.671	(0.975)	391149	50.0000	53
30 1,2,4-Trichlorobenzene	180	4.742	4.742	(0.990)	453450	50.0000	50
* 80 Naphthalene-d8	136	4.789	4.789	(1.000)	1167152	40.0000	
31 Naphthalene	128	4.812	4.812	(1.005)	1603050	50.0000	50
32 4-Chloroaniline	127	4.889	4.889	(1.021)	575094	50.0000	52
33 Hexachlorobutadiene	225	4.959	4.959	(1.036)	257707	50.0000	50
111 Caprolactam	113	5.259	5.259	(1.098)	123205	50.0000	65(H)
8 4-Chloro-3-methylphenol	107	5.418	5.418	(1.131)	402085	50.0000	55
34 2-Methylnaphthalene	142	5.512	5.512	(1.151)	923674	50.0000	51
120 1-Methylnaphthalene	142	5.612	5.612	(1.172)	921439	50.0000	51
35 Hexachlorocyclopentadiene	237	5.689	5.689	(0.870)	203679	50.0000	45
129 1,2,4,5-Tetrachlorobenzene	216	5.689	5.689	(0.870)	399569	50.0000	46
121 2-tert-Butyl-4-methylphenol	149	5.765	5.765	(1.204)	639058	50.0000	54
9 2,4,6-Trichlorophenol	196	5.818	5.818	(0.889)	241876	50.0000	50
10 2,4,5-Trichlorophenol	196	5.853	5.853	(0.895)	245328	50.0000	51
\$ 77 2-Fluorobiphenyl (SUR)	172	5.894	5.894	(0.901)	910751	50.0000	47
102 Diphenyl	154	5.989	5.989	(0.915)	1061898	50.0000	48
36 2-Chloronaphthalene	162	5.994	5.994	(0.916)	768603	50.0000	47
103 Diphenyl Ether	170	6.094	6.094	(0.932)	561044	50.0000	49
37 2-Nitroaniline	65	6.112	6.112	(0.934)	278900	50.0000	52
125 1,3-Dimethylnaphthalene	156	6.218	6.218	(0.951)	680230	50.0000	49
38 Dimethylphthalate	163	6.312	6.312	(0.965)	778053	50.0000	52
114 Coumarin	146	6.306	6.306	(1.317)	255093	50.0000	59
40 2,6-Dinitrotoluene	165	6.365	6.365	(0.973)	182432	50.0000	56
39 Acenaphthylene	152	6.394	6.394	(0.978)	1208530	50.0000	50
41 3-Nitroaniline	138	6.524	6.524	(0.997)	186345	50.0000	56
* 82 Acenaphthene-d10	164	6.542	6.542	(1.000)	549548	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.600	6.600	(1.009)	700746	50.0000	50

Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18202.d
 Report Date: 06-Jul-2011 12:29

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	6.571	6.571	(1.004)	728539	50.0000	50
11 2,4-Dinitrophenol	184	6.630	6.630	(1.013)	90379	50.0000	60
12 4-Nitrophenol	65	6.730	6.730	(1.029)	159207	50.0000	57
44 2,4-Dinitrotoluene	165	6.759	6.759	(1.033)	222796	50.0000	54
43 Dibenzofuran	168	6.741	6.741	(1.031)	1012320	50.0000	50
127 1-Naphthylamine	143	6.824	6.824	(1.043)	603503	50.0000	54
130 2,3,4,6-Tetrachlorophenol	232	6.883	6.883	(1.052)	160638	50.0000	53
128 2-Naphthylamine	143	6.900	6.900	(1.055)	609870	50.0000	54
45 Diethylphthalate	149	7.012	7.012	(1.072)	771204	50.0000	54
46 4-Chlorophenyl-phenylether	204	7.094	7.094	(1.085)	375510	50.0000	51
47 Fluorene	166	7.077	7.077	(1.082)	828861	50.0000	52
48 4-Nitroaniline	138	7.118	7.118	(1.088)	155328	50.0000	62
13 4,6-Dinitro-2-methylphenol	198	7.153	7.153	(0.896)	116118	50.0000	58
49 N-Nitrosodiphenylamine	169	7.212	7.212	(0.903)	502424	50.0000	49
75 1,2-Diphenylhydrazine	77	7.247	7.247	(0.908)	1033721	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.312	7.312	(1.118)	101239	50.0000	55
50 4-Bromophenyl-phenylether	248	7.565	7.565	(0.948)	186373	50.0000	50
51 Hexachlorobenzene	284	7.618	7.618	(0.954)	196944	50.0000	50
112 Atrazine	200	7.759	7.759	(0.972)	174615	50.0000	52
14 Pentachlorophenol	266	7.818	7.818	(0.979)	108411	50.0000	59
115 n-Octadecane	57	7.947	7.947	(0.996)	680945	50.0000	50
* 83 Phenanthrene-d10	188	7.983	7.983	(1.000)	695641	40.0000	
52 Phenanthrene	178	8.006	8.006	(1.003)	973215	50.0000	50
53 Anthracene	178	8.053	8.053	(1.009)	996453	50.0000	51
54 Carbazole	167	8.224	8.224	(1.030)	804985	50.0000	52
55 Di-n-butylphthalate	149	8.606	8.606	(1.078)	1069394	50.0000	54
56 Fluoranthene	202	9.159	9.159	(1.147)	846827	50.0000	53
58 Benzidine	184	9.312	9.312	(1.167)	88768	50.0000	44
57 Pyrene	202	9.371	9.371	(0.886)	824842	50.0000	49
\$ 78 Terphenyl-d14	244	9.553	9.553	(0.903)	484481	50.0000	49
59 Butylbenzylphthalate	149	10.053	10.053	(0.950)	356550	50.0000	52
109 2,3,7,8-TCDD (Screen)	320	10.124	10.124	(0.957)	714	0.50000	0.48(a)
124 Carbamazepine	193	10.135	10.135	(0.958)	262876	50.0000	51
60 3,3'-Dichlorobenzidine	252	10.559	10.559	(0.998)	161260	50.0000	52
61 Benzo(a)anthracene	228	10.565	10.565	(0.999)	543269	50.0000	48
* 81 Chrysene-d12	240	10.577	10.577	(1.000)	415381	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.665	10.665	(1.008)	475369	50.0000	53
62 Chrysene	228	10.600	10.600	(1.002)	535019	50.0000	51
64 Di-n-octylphthalate	149	11.406	11.406	(0.932)	707355	50.0000	53
65 Benzo(b)fluoranthene	252	11.782	11.782	(0.963)	421843	50.0000	47
66 Benzo(k)fluoranthene	252	11.812	11.812	(0.965)	494521	50.0000	54
67 Benzo(a)pyrene	252	12.171	12.171	(0.994)	366795	50.0000	53
* 84 Perylene-d12	264	12.241	12.241	(1.000)	316814	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.565	13.565	(1.108)	331294	50.0000	51
69 Dibenz(a,h)anthracene	278	13.600	13.600	(1.111)	353499	50.0000	55
70 Benzo(g,h,i)perylene	276	13.882	13.882	(1.134)	352808	50.0000	52

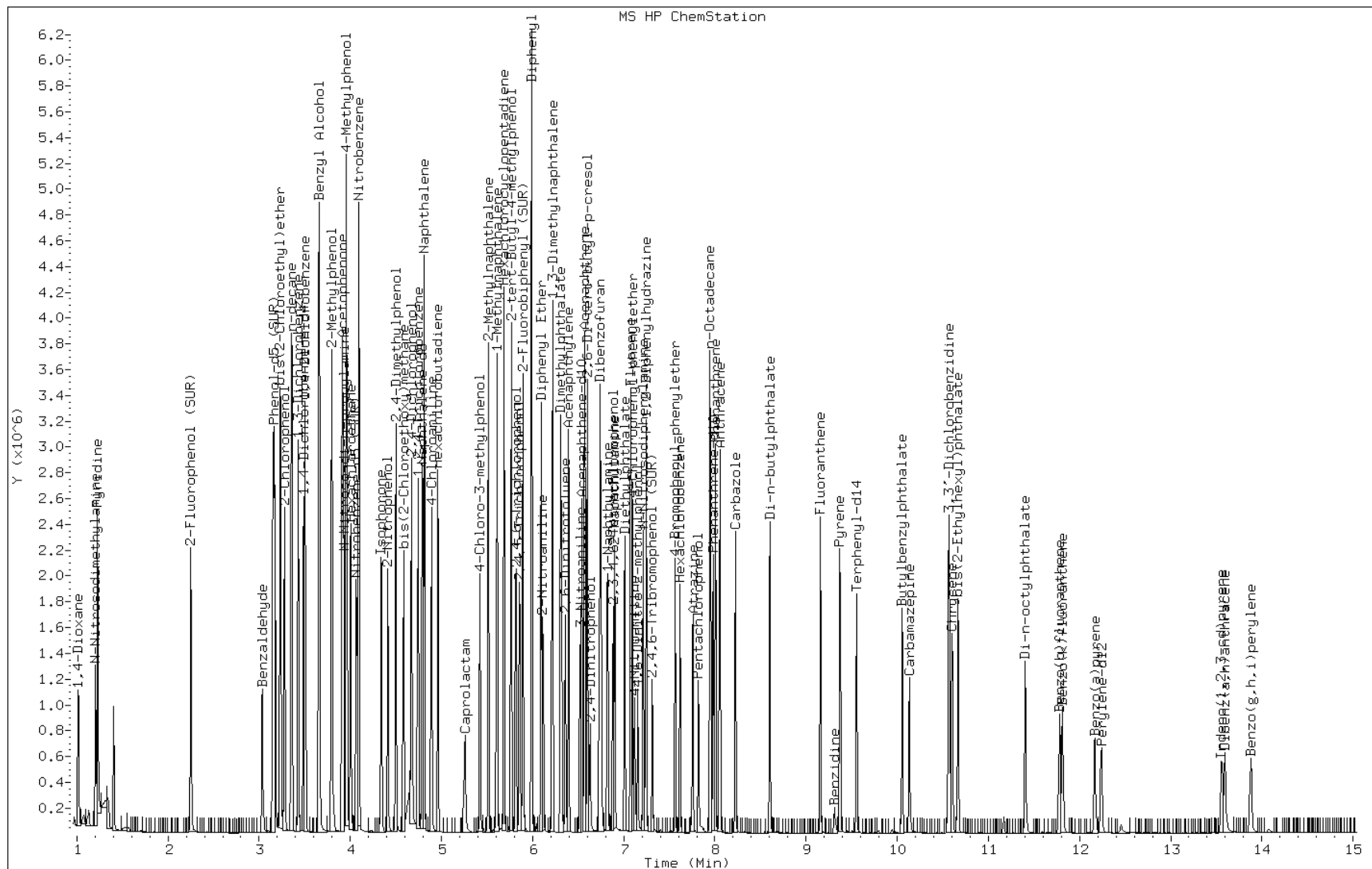
Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18202.d
Report Date: 06-Jul-2011 12:29

QC Flag Legend

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

Instrument: BNAMS11.i

Operator: BNAMS 4

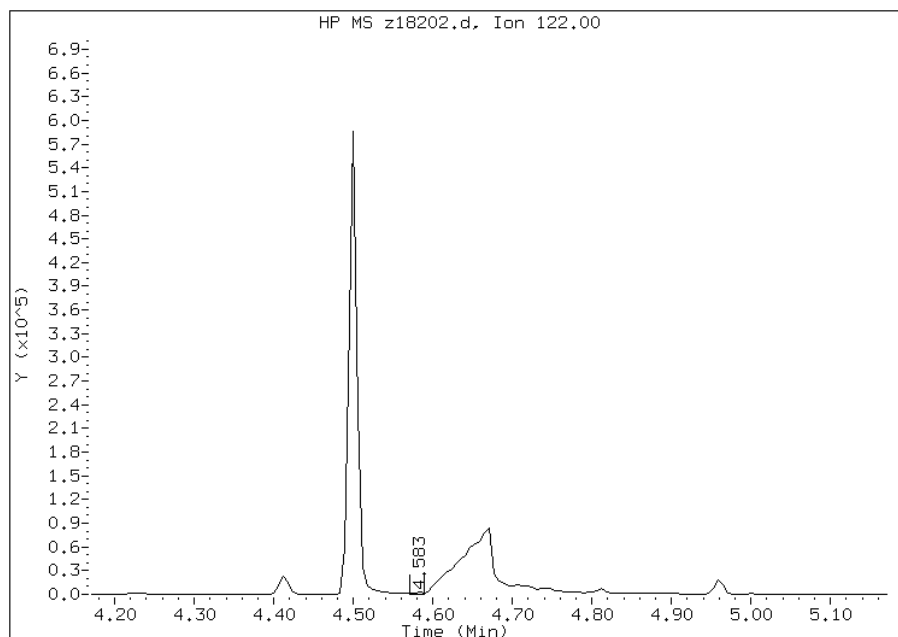


Manual Integration Report

Data File: z18202.d
Inj. Date and Time: 06-JUL-2011 12:13
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/08/2011

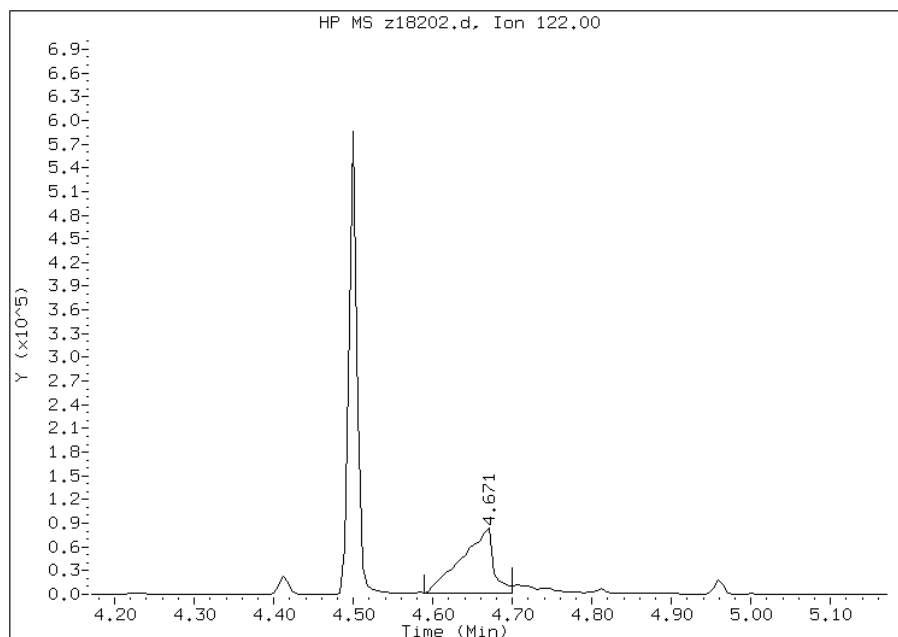
Processing Integration Results

RT: 4.58
Response: 2358
Amount: 1
Conc: 1



Manual Integration Results

RT: 4.67
Response: 229752
Amount: 59
Conc: 59



Manually Integrated By: rusin
Manual Integration Reason: Baseline Event

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-79096/2 Calibration Date: 07/06/2011 09:03

Instrument ID: BNAMS5 Calib Start Date: 06/29/2011 03:15

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 06/29/2011 05:17

Lab File ID: x16287.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6278	0.6338		50500	50000	1.0	20.0
N-Nitrosodimethylamine	Ave	0.8567	0.8493		49600	50000	-0.9	20.0
Pyridine	Ave	1.315	1.360		51700	50000	3.5	20.0
Benzaldehyde	Ave	0.6389	0.3544		27700	50000	-44.5*	20.0
Aniline	Ave	1.722	1.660		48200	50000	-3.6	20.0
Phenol	QuaF	1.767	1.624		50800	50000	1.6	20.0
Bis(2-chloroethyl)ether	QuaF	1.692	1.437		51200	50000	2.4	20.0
2-Chlorophenol	QuaF	1.455	1.350		49000	50000	-2.1	20.0
Decane	QuaF	1.567	1.315		46300	50000	-7.3	20.0
1,3-Dichlorobenzene	Ave	1.648	1.536		46600	50000	-6.8	20.0
1,4-Dichlorobenzene	Ave	1.615	1.495		46300	50000	-7.4	20.0
Benzyl alcohol	Ave	0.8260	0.7827		47400	50000	-5.2	20.0
1,2-Dichlorobenzene	QuaF	1.513	1.402		49600	50000	-0.9	20.0
bis (2-chloroisopropyl) ether	QuaF	1.868	1.567		45100	50000	-9.8	20.0
2-Methylphenol	QuaF	1.169	1.061		48000	50000	-4.0	20.0
o-Toluidine	Ave	1.495	1.380		46100	50000	-7.7	20.0
Acetophenone	QuaF	1.692	1.544		49500	50000	-1.0	20.0
N-Nitrosodi-n-propylamine	QuaF	0.8486	0.7664	0.0500	46900	50000	-6.2	20.0
3 & 4 Methylphenol	QuaF	1.281	1.146		46500	50000	-6.9	20.0
4-Methylphenol	QuaF	1.244	1.128		46800	50000	-6.4	20.0
Hexachloroethane	Ave	0.6233	0.5920		47500	50000	-5.0	20.0
n,n'-Dimethylaniline	Ave	1.779	1.712		48100	50000	-3.8	20.0
Nitrobenzene	Ave	0.5070	0.4812		47500	50000	-5.1	20.0
Isophorone	Ave	0.6707	0.6060		45200	50000	-9.7	20.0
2-Nitrophenol	Ave	0.2083	0.1994		47900	50000	-4.3	20.0
2,4-Dimethylphenol	QuaF	0.3178	0.2905		47900	50000	-4.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4277	0.3891		45500	50000	-9.0	20.0
Benzoic acid	Ave	0.1080	0.1346		62300	50000	24.6*	20.0
2,4-Dichlorophenol	QuaF	0.2813	0.2552		46800	50000	-6.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3262	0.3021		46300	50000	-7.4	20.0
Naphthalene	Ave	1.063	0.9839		46300	50000	-7.4	20.0
4-Chloroaniline	Ave	0.3849	0.3618		47000	50000	-6.0	20.0
Hexachlorobutadiene	Ave	0.1884	0.1757		46600	50000	-6.7	20.0
Caprolactam	QuaF	0.0779	0.0678		37400	50000	-25.3*	20.0
4-Chloro-3-methylphenol	Ave	0.2657	0.2408		45300	50000	-9.4	20.0
2-Methylnaphthalene	Ave	0.6516	0.5814		44600	50000	-10.8	20.0
1-Methylnaphthalene	QuaF	0.6612	0.5858		46900	50000	-6.3	20.0
Hexachlorocyclopentadiene	Ave	0.2799	0.3368	0.0500	60200	50000	20.3*	20.0
1,2,4,5-Tetrachlorobenzene	QuaF	0.5658	0.5354		54300	50000	8.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4327	0.3762		43500	50000	-13.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Lab Sample ID: CCVIS 460-79096/2 Calibration Date: 07/06/2011 09:03

Instrument ID: BNAMS5 Calib Start Date: 06/29/2011 03:15

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 06/29/2011 05:17

Lab File ID: x16287.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,6-Trichlorophenol	Ave	0.3652	0.3609		49400	50000	-1.2	20.0
2,4,5-Trichlorophenol	Ave	0.3679	0.3580		48600	50000	-2.7	20.0
Diphenyl	QuaF	1.535	1.457		53300	50000	6.6	20.0
2-Chloronaphthalene	QuaF	1.171	1.125		52900	50000	5.7	20.0
Diphenyl ether	Ave	0.8406	0.7929		47200	50000	-5.7	20.0
2-Nitroaniline	Ave	0.3666	0.3210		43800	50000	-12.4	20.0
Dimethylnaphthalene, total	QuaF	1.007	0.9327		50700	50000	1.4	20.0
Dimethyl phthalate	Ave	1.174	1.057		45000	50000	-9.9	20.0
Coumarin	Ave	0.1984	0.1601		40300	50000	-19.3	20.0
2,6-Dinitrotoluene	Ave	0.2733	0.2512		45900	50000	-8.1	20.0
Acenaphthylene	Ave	1.830	1.666		45500	50000	-8.9	20.0
3-Nitroaniline	Ave	0.3080	0.2749		44600	50000	-10.8	20.0
3,5-di-tert-butyl-4-hydroxytol	QuaF	0.9199	0.8342		51000	50000	2.0	20.0
Acenaphthene	QuaF	0.9743	0.8982		51600	50000	3.2	20.0
2,4-Dinitrophenol	QuaF	0.1249	0.1175	0.0500	43300	50000	-13.4	20.0
4-Nitrophenol	Ave	0.1847	0.1853	0.0500	50200	50000	0.4	20.0
2,4-Dinitrotoluene	Ave	0.3243	0.2735		42200	50000	-15.7	20.0
Dibenzofuran	QuaF	1.485	1.334		49200	50000	-1.7	20.0
1-Naphthylamine	QuaF	0.7742	0.7979		45800	50000	-8.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2902	0.2534		43700	50000	-12.7	20.0
2-Naphthylamine	Ave	0.9432	0.8169		43300	50000	-13.4	20.0
Diethyl phthalate	Ave	1.141	0.9753		42700	50000	-14.5	20.0
Fluorene	QuaF	1.134	1.001		47000	50000	-5.9	20.0
4-Chlorophenyl phenyl ether	QuaF	0.5227	0.4523		47900	50000	-4.3	20.0
4-Nitroaniline	Ave	0.2560	0.2137		41700	50000	-16.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1321	0.1272		48100	50000	-3.7	20.0
N-Nitrosodiphenylamine	Ave	0.6082	0.5717		47000	50000	-6.0	20.0
1,2-Diphenylhydrazine	Ave	1.052	1.076		51100	50000	2.2	20.0
4-Bromophenyl phenyl ether	Ave	0.2489	0.2446		49100	50000	-1.7	20.0
Hexachlorobenzene	Ave	0.2797	0.2709		48400	50000	-3.2	20.0
Atrazine	Ave	0.2025	0.1784		44100	50000	-11.9	20.0
Pentachlorophenol	Ave	0.1379	0.1419		51400	50000	2.9	20.0
n-Octadecane	QuaF	0.6955	0.6521		51800	50000	3.6	20.0
Phenanthrene	Ave	1.119	1.062		47500	50000	-5.1	20.0
Anthracene	Ave	1.115	1.065		47800	50000	-4.5	20.0
Carbazole	Ave	0.9389	0.8625		45900	50000	-8.1	20.0
Di-n-butyl phthalate	Ave	1.210	1.109		45800	50000	-8.4	20.0
Fluoranthene	Ave	0.9629	0.8880		46100	50000	-7.8	20.0
Benzidine	Ave	0.1548	0.0407		13200	50000	-73.7*	20.0
Pyrene	Ave	1.443	1.402		48600	50000	-2.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-79096/2 Calibration Date: 07/06/2011 09:03
 Instrument ID: BNAMS5 Calib Start Date: 06/29/2011 03:15
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 06/29/2011 05:17
 Lab File ID: x16287.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.6089	0.5838		47900	50000	-4.1	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1585	0.1626		513	500	2.6	20.0
Carbamazepine	QuaF	0.2668	0.3224		53000	50000	6.0	20.0
3,3'-Dichlorobenzidine	Ave	0.3268	0.2901		44400	50000	-11.2	20.0
Benzo[a]anthracene	Ave	1.093	1.034		47300	50000	-5.4	20.0
Chrysene	Ave	1.006	1.016		50500	50000	1.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7975	0.7623		47800	50000	-4.4	20.0
Di-n-octyl phthalate	Ave	1.599	1.423		44500	50000	-11.0	20.0
Benzo[b]fluoranthene	Ave	1.129	1.147		50800	50000	1.6	20.0
Benzo[k]fluoranthene	Ave	1.207	1.193		49400	50000	-1.2	20.0
Benzo[a]pyrene	Ave	0.9043	0.9238		51100	50000	2.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8211	0.8042		49000	50000	-2.1	20.0
Dibenz(a,h)anthracene	QuaF	0.7869	0.8578		52100	50000	4.1	20.0
Benzo[g,h,i]perylene	Ave	0.7991	0.8719		54600	50000	9.1	20.0
2-Fluorophenol	Ave	1.355	1.271		46900	50000	-6.2	20.0
Phenol-d5	QuaF	1.551	1.328		45000	50000	-9.9	20.0
Nitrobenzene-d5	Ave	0.3927	0.3758		47800	50000	-4.3	20.0
2-Fluorobiphenyl	QuaF	1.364	1.299		52000	50000	4.0	20.0
2,4,6-Tribromophenol	Ave	0.1811	0.1577		43500	50000	-12.9	20.0
Terphenyl-d14	Ave	1.048	0.9915		47300	50000	-5.4	20.0

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16287.d
 Report Date: 07-Jul-2011 10:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16287.d
 Lab Smp Id: CCVIS-1037487
 Inj Date : 06-JUL-2011 09:03
 Operator : BNAMS 4
 Smp Info : CCVIS-1037487
 Misc Info : 50PPM BNA4569
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
 Meth Date : 07-Jul-2011 10:07 monica
 Cal Date : 29-JUN-2011 05:17
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16109.d
 Continuing Calibration Sample
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.470	1.470	(0.361)	411534	50.0000	50
19 N-Nitrosodimethylamine	74	1.682	1.682	(0.413)	551417	50.0000	50
71 Pyridine	79	1.711	1.711	(0.420)	883213	50.0000	52
\$ 16 2-Fluorophenol (SUR)	112	2.805	2.805	(0.688)	825421	50.0000	47
110 Benzaldehyde	77	3.635	3.635	(0.892)	230082	50.0000	28
\$ 17 Phenol-d5 (SUR)	99	3.746	3.746	(0.919)	862502	50.0000	45
1 Phenol	94	3.758	3.758	(0.922)	1054609	50.0000	51
73 Aniline	93	3.752	3.752	(0.921)	1077515	50.0000	48
20 bis(2-Chloroethyl)ether	93	3.817	3.817	(0.936)	933132	50.0000	51
2 2-Chlorophenol	128	3.882	3.882	(0.952)	876373	50.0000	49
113 n-decane	43	3.929	3.929	(0.964)	853626	50.0000	46
21 1,3-Dichlorobenzene	146	4.023	4.023	(0.987)	997372	50.0000	47
* 79 1,4-Dichlorobenzene-d4	152	4.076	4.076	(1.000)	519428	40.0000	

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16287.d
Report Date: 07-Jul-2011 10:07

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	4.093	4.093	(1.004)	970560	50.0000	46
74 Benzyl Alcohol	108	4.235	4.235	(1.039)	508160	50.0000	47
23 1,2-Dichlorobenzene	146	4.246	4.246	(1.042)	910400	50.0000	50
3 2-Methylphenol	108	4.370	4.370	(1.072)	689014	50.0000	48
24 bis (2-chloroisopropyl) ether	45	4.358	4.358	(1.069)	1017263	50.0000	45
104 Acetophenone	105	4.499	4.499	(1.104)	1002742	50.0000	50
4 4-Methylphenol	108	4.523	4.523	(1.110)	732188	50.0000	47
123 3 & 4 Methylphenol	108	4.523	4.523	(1.110)	744308	50.0000	46
25 N-Nitroso-di-n-propylamine	70	4.505	4.505	(1.105)	497587	50.0000	47
126 O-Toluidine	107	4.488	4.488	(1.101)	896092	50.0000	46
26 Hexachloroethane	117	4.588	4.588	(1.126)	384347	50.0000	47
\$ 76 Nitrobenzene-d5 (SUR)	82	4.646	4.646	(0.866)	835830	50.0000	48
27 Nitrobenzene	77	4.670	4.670	(0.871)	1070312	50.0000	47
107 N,N-Dimethylaniline	120	4.670	4.670	(1.146)	1111523	50.0000	48
28 Isophorone	82	4.905	4.905	(0.914)	1347975	50.0000	45
5 2-Nitrophenol	139	4.982	4.982	(0.929)	443593	50.0000	48
6 2,4-Dimethylphenol	122	5.052	5.052	(0.942)	646268	50.0000	48
29 bis(2-Chloroethoxy)methane	93	5.135	5.135	(0.957)	865445	50.0000	45
15 Benzoic Acid	122	5.211	5.211	(0.971)	299430	50.0000	62(M)
7 2,4-Dichlorophenol	162	5.240	5.240	(0.977)	567750	50.0000	47
30 1,2,4-Trichlorobenzene	180	5.311	5.311	(0.990)	672101	50.0000	46
* 80 Naphthalene-d8	136	5.364	5.364	(1.000)	1779552	40.0000	
31 Naphthalene	128	5.387	5.387	(1.004)	2188697	50.0000	46
32 4-Chloroaniline	127	5.452	5.452	(1.016)	804780	50.0000	47(M)
33 Hexachlorobutadiene	225	5.523	5.523	(1.030)	390801	50.0000	47
111 Caprolactam	113	5.829	5.829	(1.087)	150848	50.0000	37
8 4-Chloro-3-methylphenol	107	5.970	5.970	(1.113)	535737	50.0000	45
34 2-Methylnaphthalene	142	6.082	6.082	(1.134)	1293352	50.0000	45
120 1-Methylnaphthalene	142	6.182	6.182	(1.152)	1302971	50.0000	47
35 Hexachlorocyclopentadiene	237	6.252	6.252	(0.878)	329395	50.0000	60
129 1,2,4,5-Tetrachlorobenzene	216	6.258	6.258	(0.879)	523610	50.0000	54
121 2-tert-Butyl-4-methylphenol	149	6.311	6.311	(1.177)	836778	50.0000	43
9 2,4,6-Trichlorophenol	196	6.376	6.376	(0.896)	353011	50.0000	49
10 2,4,5-Trichlorophenol	196	6.429	6.429	(0.903)	350084	50.0000	49
\$ 77 2-Fluorobiphenyl (SUR)	172	6.458	6.458	(0.907)	1270729	50.0000	52
102 Diphenyl	154	6.552	6.552	(0.921)	1425380	50.0000	53
36 2-Chloronaphthalene	162	6.570	6.570	(0.923)	1099809	50.0000	53
103 Diphenyl Ether	170	6.658	6.658	(0.936)	775499	50.0000	47
37 2-Nitroaniline	65	6.682	6.682	(0.939)	313967	50.0000	44
125 1,3-Dimethylnaphthalene	156	6.787	6.787	(0.954)	912159	50.0000	51
38 Dimethylphthalate	163	6.864	6.864	(0.964)	1033673	50.0000	45
114 Coumarin	146	6.882	6.882	(1.283)	356103	50.0000	40
40 2,6-Dinitrotoluene	165	6.917	6.917	(0.972)	245655	50.0000	46
39 Acenaphthylene	152	6.976	6.976	(0.980)	1629478	50.0000	46
41 3-Nitroaniline	138	7.087	7.087	(0.996)	268806	50.0000	45
* 82 Acenaphthene-d10	164	7.117	7.117	(1.000)	782419	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	7.152	7.152	(1.005)	815851	50.0000	51

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16287.d
Report Date: 07-Jul-2011 10:07

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
42 Acenaphthene	154	7.152	7.152	(1.005)	878447	50.0000	52
11 2,4-Dinitrophenol	184	7.187	7.187	(1.010)	114961	50.0000	43
12 4-Nitrophenol	65	7.293	7.293	(1.025)	181267	50.0000	50
44 2,4-Dinitrotoluene	165	7.317	7.317	(1.028)	267459	50.0000	42
43 Dibenzofuran	168	7.323	7.323	(1.029)	1304525	50.0000	49
127 1-Naphthylamine	143	7.399	7.399	(1.040)	780361	50.0000	46
130 2,3,4,6-Tetrachlorophenol	232	7.452	7.452	(1.047)	247825	50.0000	44
128 2-Naphthylamine	143	7.481	7.481	(1.051)	798895	50.0000	43
45 Diethylphthalate	149	7.564	7.564	(1.063)	953835	50.0000	43
46 4-Chlorophenyl-phenylether	204	7.664	7.664	(1.077)	442391	50.0000	48
47 Fluorene	166	7.658	7.658	(1.076)	978664	50.0000	47
48 4-Nitroaniline	138	7.693	7.693	(1.081)	208990	50.0000	42
13 4,6-Dinitro-2-methylphenol	198	7.717	7.717	(0.900)	145955	50.0000	48
49 N-Nitrosodiphenylamine	169	7.781	7.781	(0.907)	656307	50.0000	47
75 1,2-Diphenylhydrazine	77	7.817	7.817	(0.912)	1234788	50.0000	51
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.899	7.899	(1.110)	154222	50.0000	44
50 4-Bromophenyl-phenylether	248	8.140	8.140	(0.949)	280802	50.0000	49
51 Hexachlorobenzene	284	8.205	8.205	(0.957)	310944	50.0000	48
112 Atrazine	200	8.317	8.317	(0.970)	204828	50.0000	44
14 Pentachlorophenol	266	8.405	8.405	(0.980)	162839	50.0000	51
115 n-Octadecane	57	8.493	8.493	(0.990)	748569	50.0000	52
* 83 Phenanthrene-d10	188	8.576	8.576	(1.000)	918322	40.0000	
52 Phenanthrene	178	8.599	8.599	(1.003)	1219195	50.0000	47
53 Anthracene	178	8.646	8.646	(1.008)	1222037	50.0000	48
54 Carbazole	167	8.811	8.811	(1.027)	990026	50.0000	46
55 Di-n-butylphthalate	149	9.164	9.164	(1.069)	1272575	50.0000	46
56 Fluoranthene	202	9.764	9.764	(1.139)	1019381	50.0000	46
58 Benzidine	184	9.917	9.917	(1.156)	46752	50.0000	13
57 Pyrene	202	9.987	9.987	(0.885)	1007987	50.0000	48
\$ 78 Terphenyl-d14	244	10.146	10.146	(0.899)	712700	50.0000	47
59 Butylbenzylphthalate	149	10.658	10.658	(0.945)	419649	50.0000	48
109 2,3,7,8-TCDD (Screen)	320	10.758	10.758	(0.954)	1169	0.50000	0.51
124 Carbamazepine	193	10.775	10.775	(0.955)	231731	50.0000	53
60 3,3'-Dichlorobenzidine	252	11.252	11.252	(0.997)	208542	50.0000	44
61 Benzo(a)anthracene	228	11.269	11.269	(0.999)	743079	50.0000	47
* 81 Chrysene-d12	240	11.281	11.281	(1.000)	575059	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.328	11.328	(1.004)	547937	50.0000	48
62 Chrysene	228	11.311	11.311	(1.003)	730387	50.0000	50
64 Di-n-octylphthalate	149	12.152	12.152	(0.926)	772243	50.0000	44
65 Benzo(b)fluoranthene	252	12.628	12.628	(0.962)	622505	50.0000	51
66 Benzo(k)fluoranthene	252	12.663	12.663	(0.965)	647355	50.0000	49
67 Benzo(a)pyrene	252	13.052	13.052	(0.994)	501392	50.0000	51
* 84 Perylene-d12	264	13.128	13.128	(1.000)	434182	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.563	14.563	(1.109)	436452	50.0000	49(M)
69 Dibenz(a,h)anthracene	278	14.599	14.599	(1.112)	465544	50.0000	52
70 Benzo(g,h,i)perylene	276	14.940	14.940	(1.138)	473192	50.0000	54

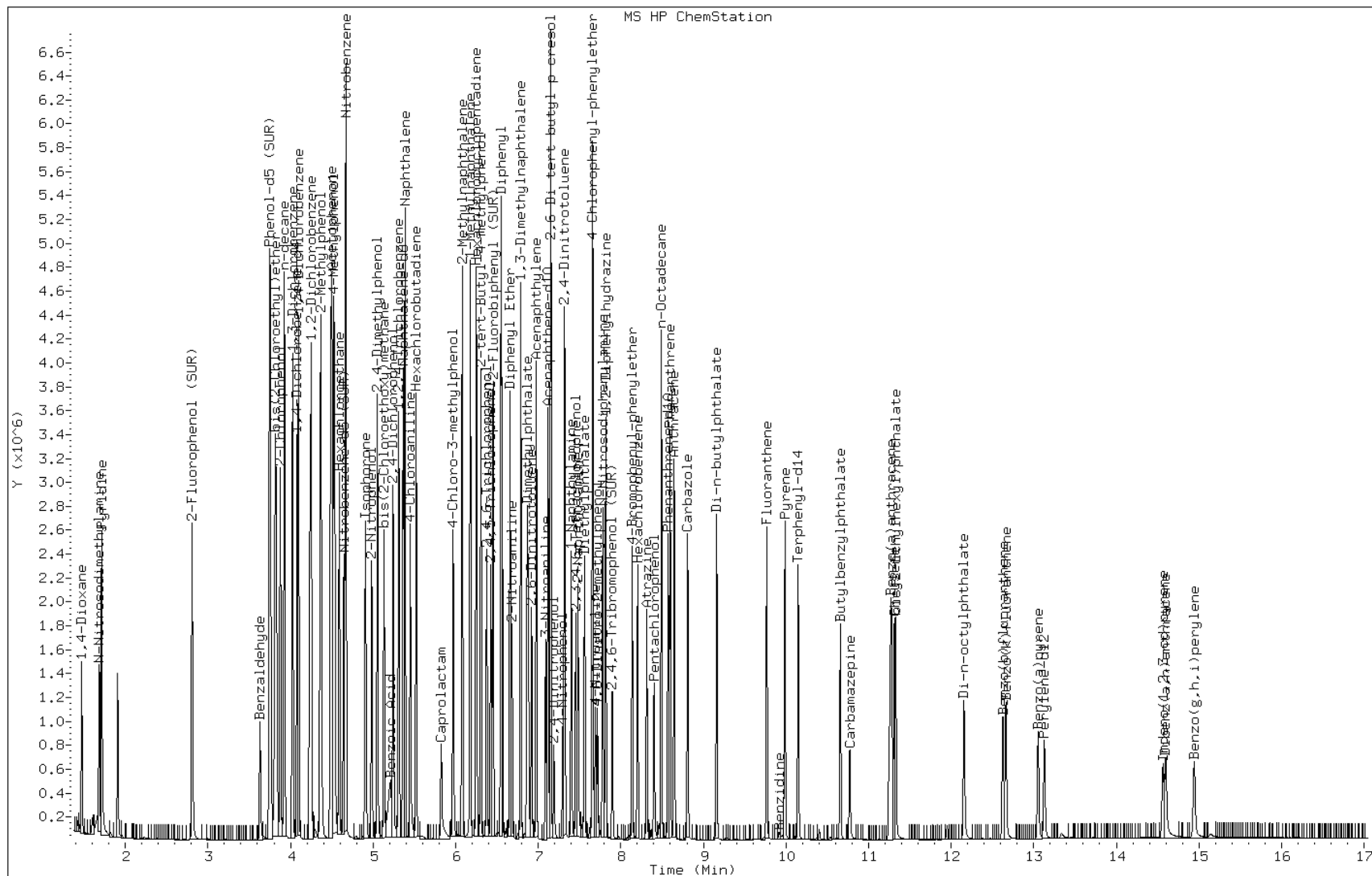
Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16287.d
Report Date: 07-Jul-2011 10:07

QC Flag Legend

M - Compound response manually integrated.

Instrument: BNAMS5.i

Operator: BNAMS 4

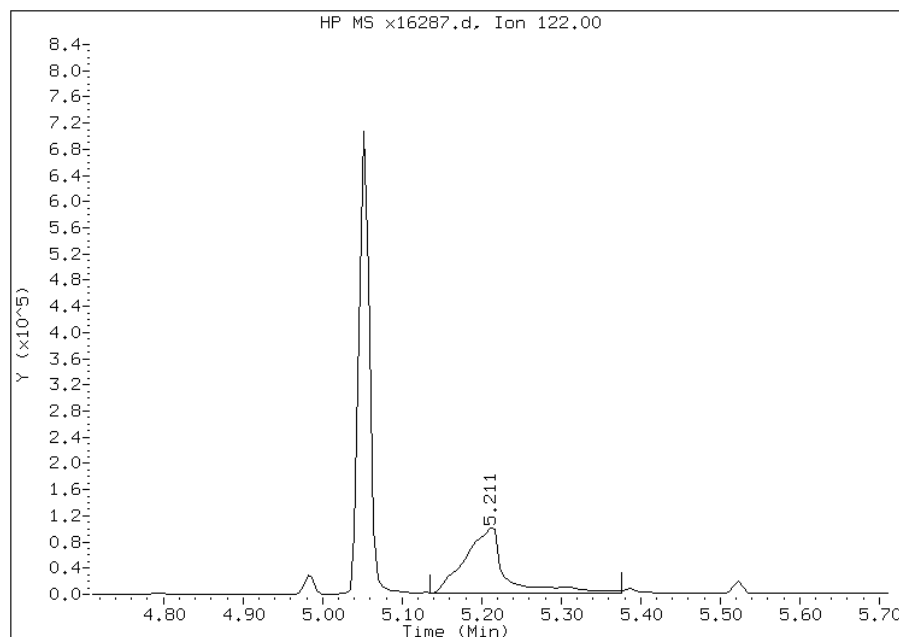


Manual Integration Report

Data File: x16287.d
Inj. Date and Time: 06-JUL-2011 09:03
Instrument ID: BNAMS5.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/07/2011

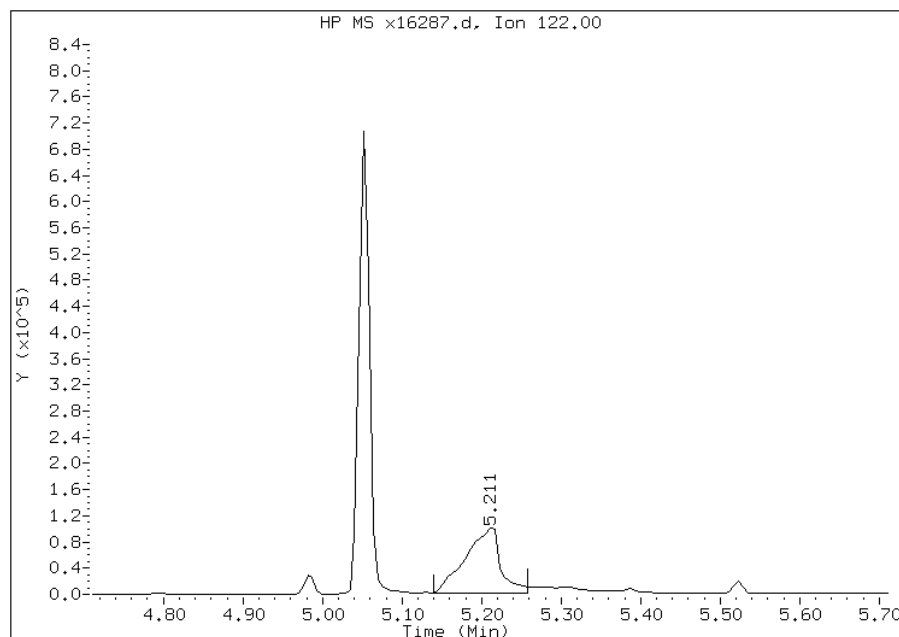
Processing Integration Results

RT: 5.21
Response: 356524
Amount: 74
Conc: 74



Manual Integration Results

RT: 5.21
Response: 299430
Amount: 62
Conc: 62



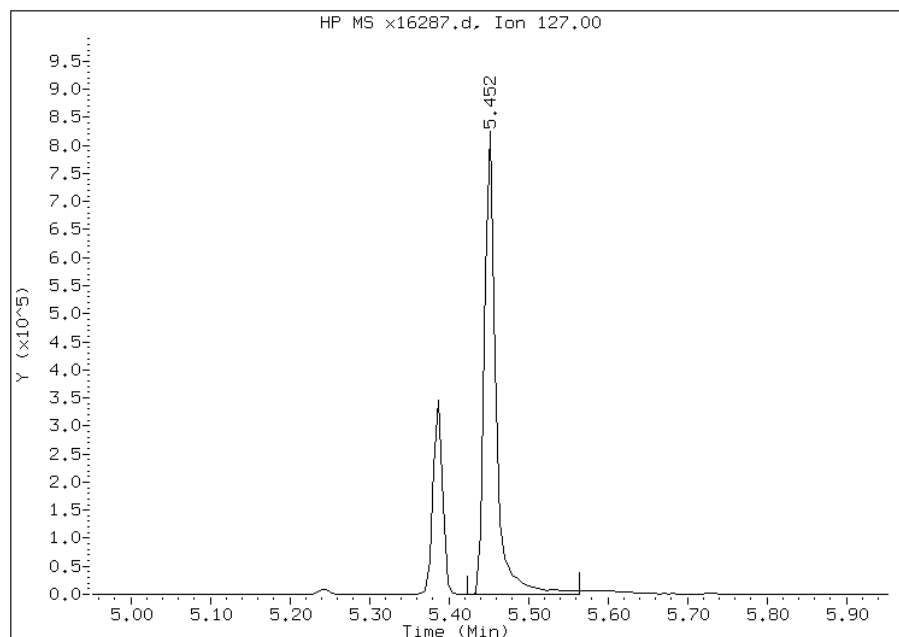
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x16287.d
Inj. Date and Time: 06-JUL-2011 09:03
Instrument ID: BNAMS5.i
Client ID:
Compound: 32 4-Chloroaniline
CAS #: 106-47-8
Report Date: 07/07/2011

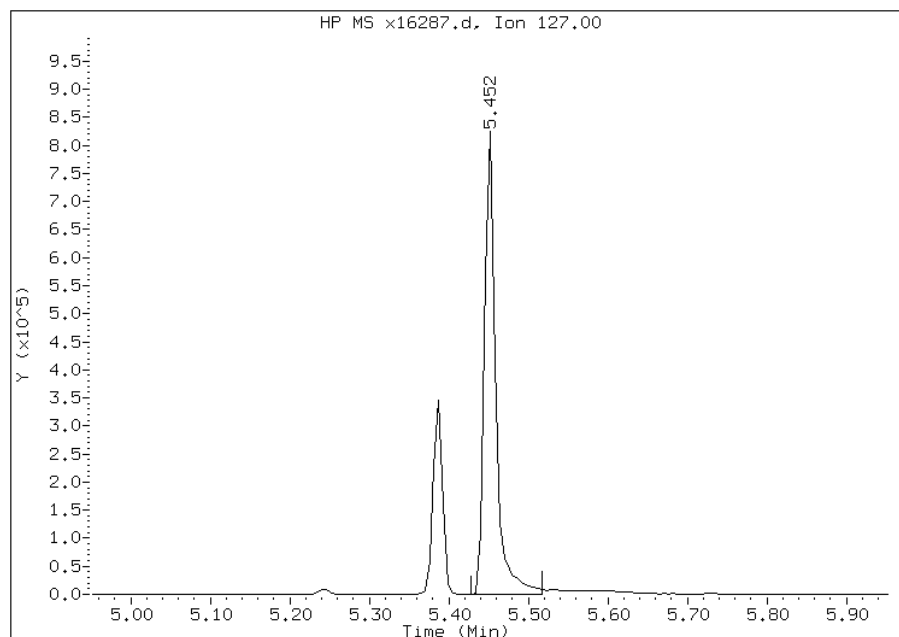
Processing Integration Results

RT: 5.45
Response: 824358
Amount: 48
Conc: 48



Manual Integration Results

RT: 5.45
Response: 804780
Amount: 47
Conc: 47



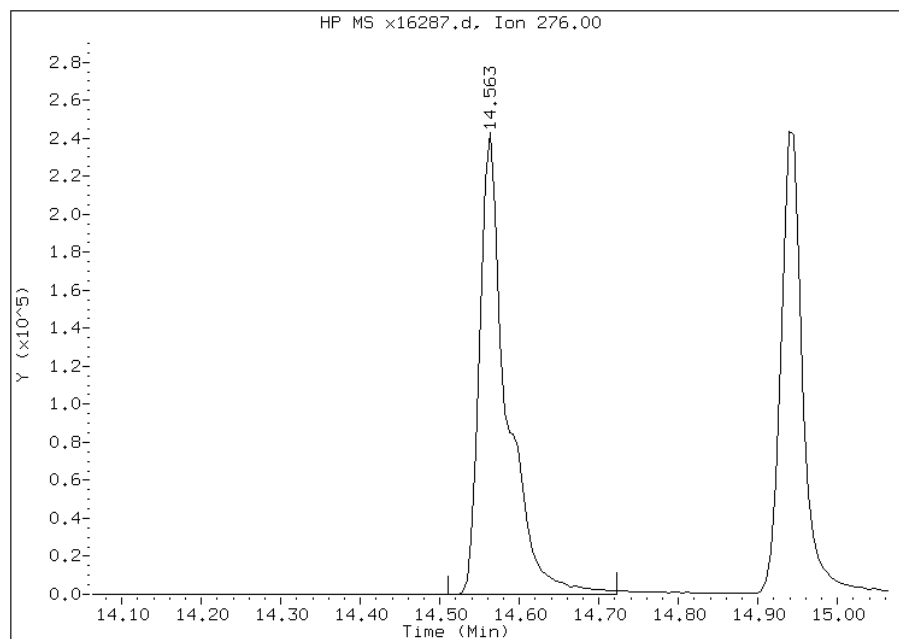
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x16287.d
Inj. Date and Time: 06-JUL-2011 09:03
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/07/2011

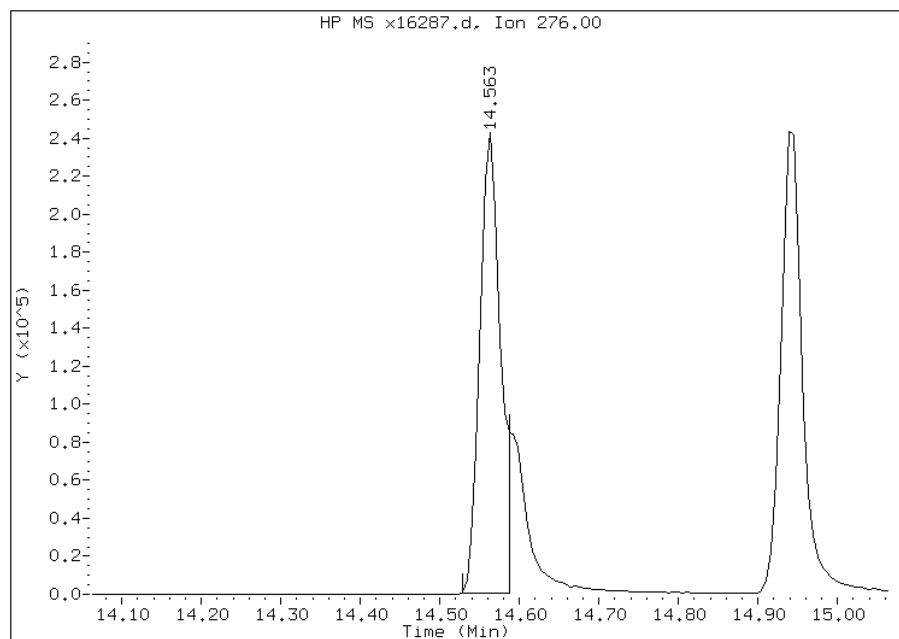
Processing Integration Results

RT: 14.56
Response: 570503
Amount: 64
Conc: 64



Manual Integration Results

RT: 14.56
Response: 436452
Amount: 49
Conc: 49



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18169.d
 Report Date: 05-Jul-2011 10:57

TestAmerica

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18169.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 05-JUL-2011 10:49
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm dftpp bna 4557
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/BNADFTPP.m
 Meth Date : 08-Jun-2011 07:20 asfawa
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50

Inst ID: BNAMS11.i
 Quant Type: ESTD
 Cal File:
 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 #:				
4.344	4.610	-0.266	198	33447			0.00-	100.00	100.00
4.344	4.610	-0.266	51	17139			30.00-	60.00	51.24
4.344	4.610	-0.266	68	0			0.00-	2.00	0.00
4.344	4.610	-0.266	69	13926			0.00-	0.00	41.64
4.344	4.610	-0.266	70	0			0.00-	2.00	0.00
4.344	4.610	-0.266	127	17778			40.00-	60.00	53.15
4.344	4.610	-0.266	197	294			0.00-	1.00	0.88
4.344	4.610	-0.266	199	2135			5.00-	9.00	6.38
4.344	4.610	-0.266	275	7940			10.00-	30.00	23.74
4.344	4.610	-0.266	365	1110			1.00-	0.00	3.32
4.344	4.610	-0.266	441	3943			0.01-	100.00	70.97
4.344	4.610	-0.266	442	28355			40.00-	110.00	84.78
4.344	4.610	-0.266	443	5556			17.00-	23.00	19.59

Data File: z18169.d

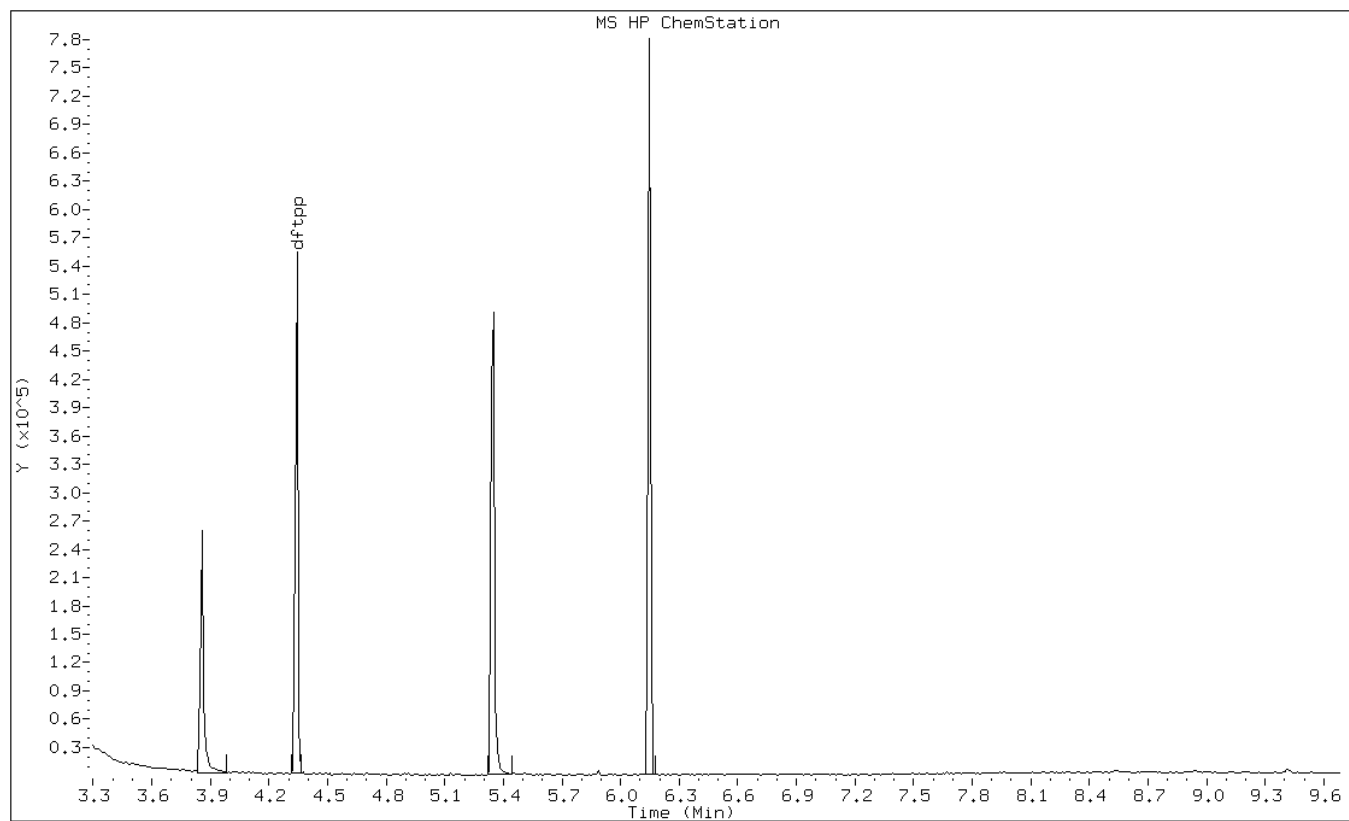
Date: 05-JUL-2011 10:49

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z18169.d

Date: 05-JUL-2011 10:49

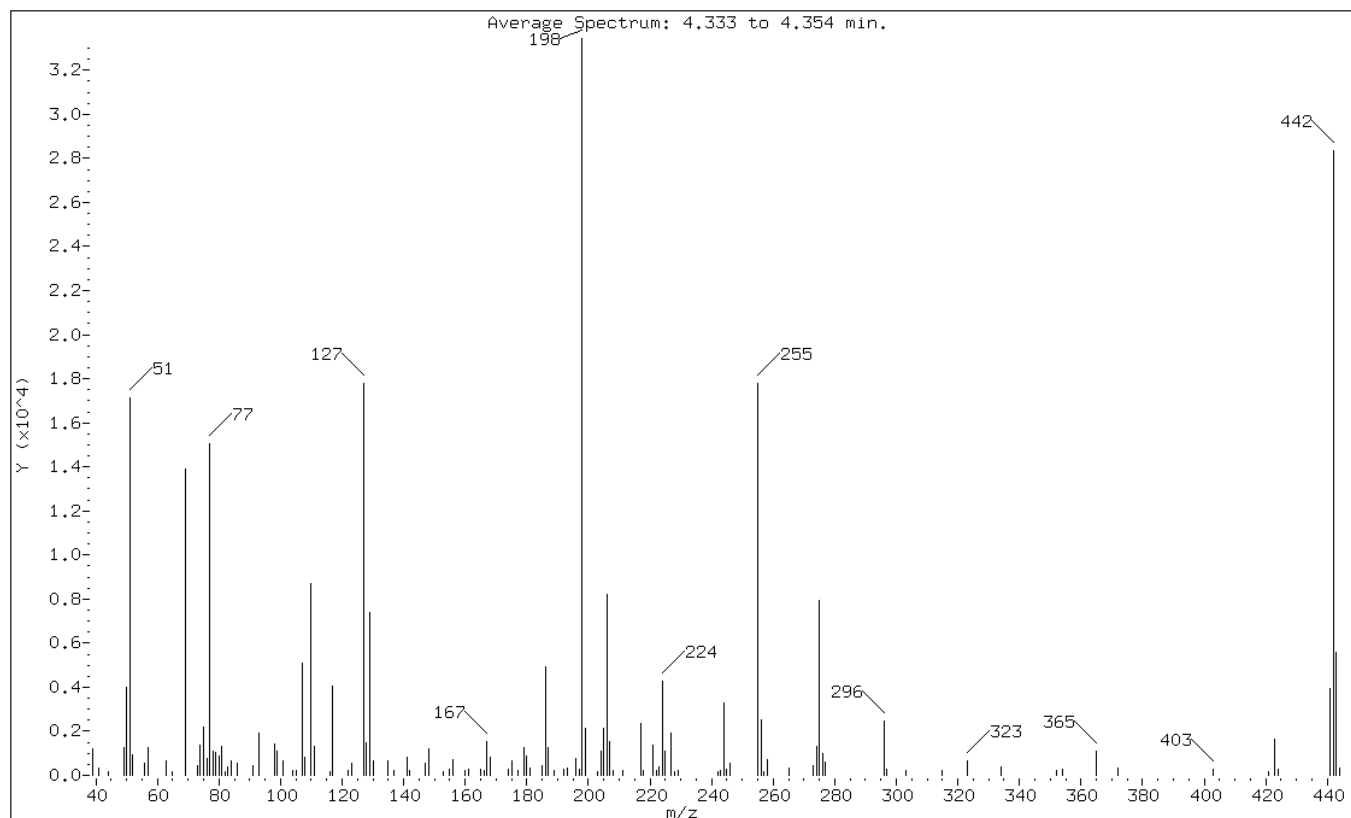
Client ID:

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	51.24
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	41.64
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	0.88
199	5.00 - 9.00% of mass 198	6.38
275	10.00 - 30.00% of mass 198	23.74
365	Greater than 1.00% of mass 198	3.32
441	0.01 - 100.00% of mass 443	11.79 (70.97)
442	40.00 - 110.00% of mass 198	84.78
443	17.00 - 23.00% of mass 442	16.61 (19.59)

Data File: z18169.d

Date: 05-JUL-2011 10:49

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18169.d

Spectrum: Average Spectrum: 4.333 to 4.354 min.

Location of Maximum: 198.00

Number of points: 125

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1194	107.00	5108	181.00	306	246.00	559
41.00	335	108.00	797	185.00	434	255.00	17760
44.00	173	110.00	8727	186.00	4908	256.00	2496
49.00	1237	111.00	1312	187.00	1235	257.00	175
50.00	4017	116.00	168	189.00	208	258.00	734
51.00	17136	117.00	4048	192.00	273	265.00	330
52.00	925	122.00	239	193.00	335	273.00	411
56.00	542	123.00	528	196.00	776	274.00	1320
57.00	1249	127.00	17776	197.00	294	275.00	7940
63.00	671	128.00	1502	198.00	33440	276.00	964
65.00	184	129.00	7374	199.00	2135	277.00	583
69.00	13926	130.00	670	203.00	168	296.00	2468
73.00	431	135.00	636	204.00	1069	297.00	264
74.00	1390	137.00	218	205.00	2130	303.00	235
75.00	2206	141.00	847	206.00	8224	315.00	216
76.00	767	142.00	207	207.00	1541	323.00	668
77.00	15061	147.00	538	208.00	226	334.00	382
78.00	1070	148.00	1197	211.00	237	352.00	235
79.00	1042	153.00	176	217.00	2339	354.00	274
80.00	867	155.00	265	218.00	193	365.00	1110
81.00	1307	156.00	712	221.00	1362	372.00	316
82.00	176	160.00	224	222.00	193	403.00	250
83.00	364	161.00	275	223.00	360	421.00	171
84.00	683	165.00	257	224.00	4250	423.00	1629
86.00	565	166.00	192	225.00	1108	424.00	277
91.00	413	167.00	1550	227.00	1889	441.00	3943
93.00	1920	168.00	800	228.00	175	442.00	28352
98.00	1420	174.00	266	229.00	242	443.00	5556
99.00	1107	175.00	665	242.00	172	444.00	304
101.00	660	177.00	232	243.00	235		
104.00	208	179.00	1276	244.00	3289		
105.00	193	180.00	850	245.00	276		

Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18201.d
Report Date: 06-Jul-2011 12:03

TestAmerica

Data file : /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18201.d
Lab Smp Id: DFTPP-937638
Inj Date : 06-JUL-2011 11:52
Operator : BNA2
Smp Info : DFTPP-937638
Misc Info : 25 ppm dftpp bna 4557
Comment :
Method : /chem/BNAMS11.i/8270/07-05-11/06jul11.b/BNADFTPP.m
Meth Date : 08-Jun-2011 07:20 asfawa
Cal Date :
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1
Inst ID: BNAMS11.i
Quant Type: ESTD
Cal File:
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 #:				
4.323	4.610	-0.287	198	30481			0.00- 100.00	100.00	
4.323	4.610	-0.287	51	15582			30.00- 60.00	51.12	
4.323	4.610	-0.287	68	167			0.00- 2.00	1.31	
4.323	4.610	-0.287	69	12746			0.00- 0.00	41.82	
4.323	4.610	-0.287	70	0			0.00- 2.00	0.00	
4.323	4.610	-0.287	127	16165			40.00- 60.00	53.03	
4.323	4.610	-0.287	197	259			0.00- 1.00	0.85	
4.323	4.610	-0.287	199	1806			5.00- 9.00	5.93	
4.323	4.610	-0.287	275	7197			10.00- 30.00	23.61	
4.323	4.610	-0.287	365	1124			1.00- 0.00	3.69	
4.323	4.610	-0.287	441	3719			0.01- 100.00	76.66	
4.323	4.610	-0.287	442	27132			40.00- 110.00	89.01	
4.323	4.610	-0.287	443	4851			17.00- 23.00	17.88	

Data File: z18201.d

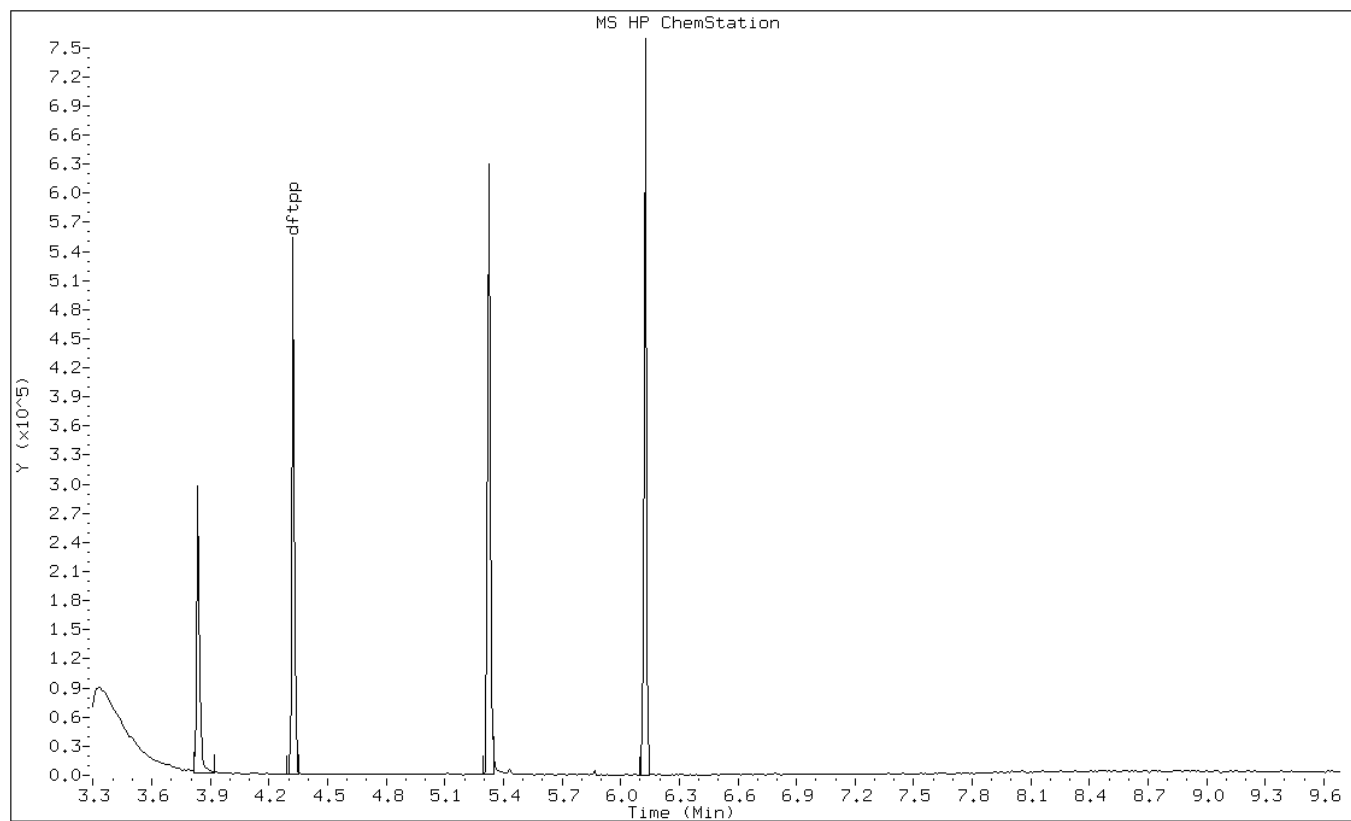
Date: 06-JUL-2011 11:52

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z18201.d

Date: 06-JUL-2011 11:52

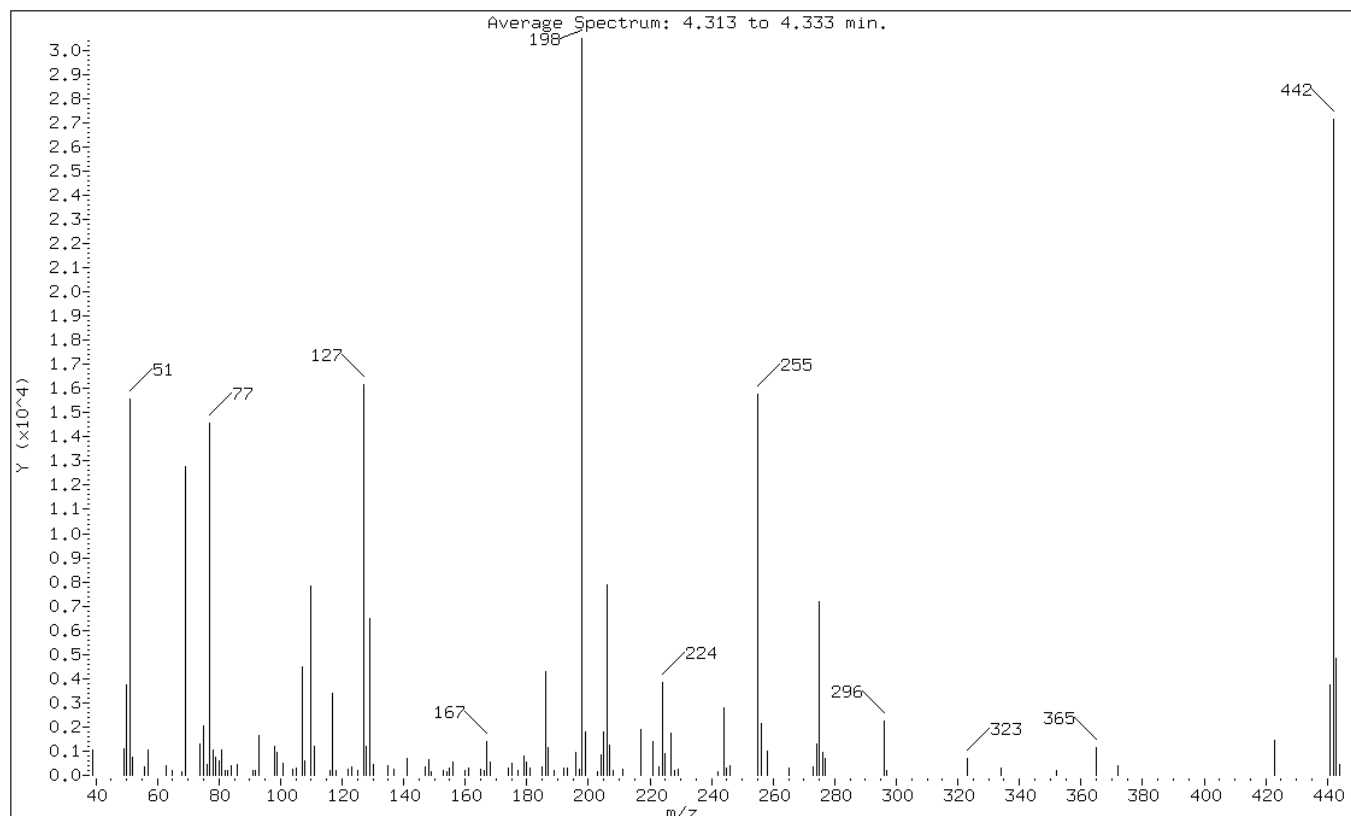
Client ID:

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	51.12
68	Less than 2.00% of mass 69	0.55 (1.31)
69	Mass 69 relative abundance	41.82
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.03
197	Less than 1.00% of mass 198	0.85
199	5.00 - 9.00% of mass 198	5.93
275	10.00 - 30.00% of mass 198	23.61
365	Greater than 1.00% of mass 198	3.69
441	0.01 - 100.00% of mass 443	12.20 (76.66)
442	40.00 - 110.00% of mass 198	89.01
443	17.00 - 23.00% of mass 442	15.91 (17.88)

Data File: z18201.d

Date: 06-JUL-2011 11:52

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18201.d

Spectrum: Average Spectrum: 4.313 to 4.333 min.

Location of Maximum: 198.00

Number of points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1045	105.00	276	168.00	545	228.00	191
49.00	1091	107.00	4506	174.00	275	229.00	255
50.00	3741	108.00	621	175.00	501	242.00	168
51.00	15582	110.00	7825	177.00	216	244.00	2806
52.00	739	111.00	1185	179.00	816	245.00	305
56.00	358	116.00	176	180.00	537	246.00	413
57.00	1035	117.00	3399	181.00	295	255.00	15747
63.00	400	118.00	209	185.00	373	256.00	2159
65.00	219	122.00	245	186.00	4279	258.00	989
68.00	167	123.00	363	187.00	1124	265.00	292
69.00	12746	125.00	182	189.00	223	273.00	336
74.00	1279	127.00	16165	192.00	286	274.00	1286
75.00	2068	128.00	1189	193.00	314	275.00	7197
76.00	464	129.00	6502	196.00	968	276.00	969
77.00	14585	130.00	443	197.00	259	277.00	700
78.00	1046	135.00	413	198.00	30480	296.00	2242
79.00	764	137.00	234	199.00	1806	297.00	218
80.00	583	141.00	703	203.00	174	323.00	721
81.00	1066	147.00	347	204.00	862	334.00	312
82.00	210	148.00	650	205.00	1784	352.00	176
83.00	188	149.00	172	206.00	7887	365.00	1124
84.00	386	153.00	221	207.00	1238	372.00	410
86.00	471	154.00	167	208.00	195	423.00	1467
91.00	198	155.00	314	211.00	240	441.00	3719
92.00	215	156.00	535	217.00	1879	442.00	27128
93.00	1631	160.00	201	221.00	1395	443.00	4851
98.00	1219	161.00	292	223.00	327	444.00	436
99.00	952	165.00	266	224.00	3821		
101.00	485	166.00	193	225.00	901		
104.00	262	167.00	1390	227.00	1737		

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16103.d
 Report Date: 29-Jun-2011 03:07

TestAmerica

Data file : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16103.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 29-JUN-2011 02:56
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm bna 4557
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/29jun11.b/BNADFTPP.m
 Meth Date : 07-Jun-2011 10:39 monica
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ESTD
 Cal File:
 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 #:				
4.996	5.350	-0.354	198	334656			0.00- 100.00	100.00	
4.996	5.350	-0.354	51	161130			30.00- 60.00	48.15	
4.996	5.350	-0.354	68	2601			0.00- 2.00	1.97	
4.996	5.350	-0.354	69	131768			0.00- 0.00	39.37	
4.996	5.350	-0.354	70	1105			0.00- 2.00	0.84	
4.996	5.350	-0.354	127	167512			40.00- 60.00	50.05	
4.996	5.350	-0.354	197	1201			0.00- 1.00	0.36	
4.996	5.350	-0.354	199	22981			5.00- 9.00	6.87	
4.996	5.350	-0.354	275	76944			10.00- 30.00	22.99	
4.996	5.350	-0.354	365	10046			1.00- 0.00	3.00	
4.996	5.350	-0.354	441	37268			0.01- 100.00	79.09	
4.996	5.350	-0.354	442	250976			40.00- 110.00	75.00	
4.996	5.350	-0.354	443	47121			17.00- 23.00	18.78	

Data File: x16103.d

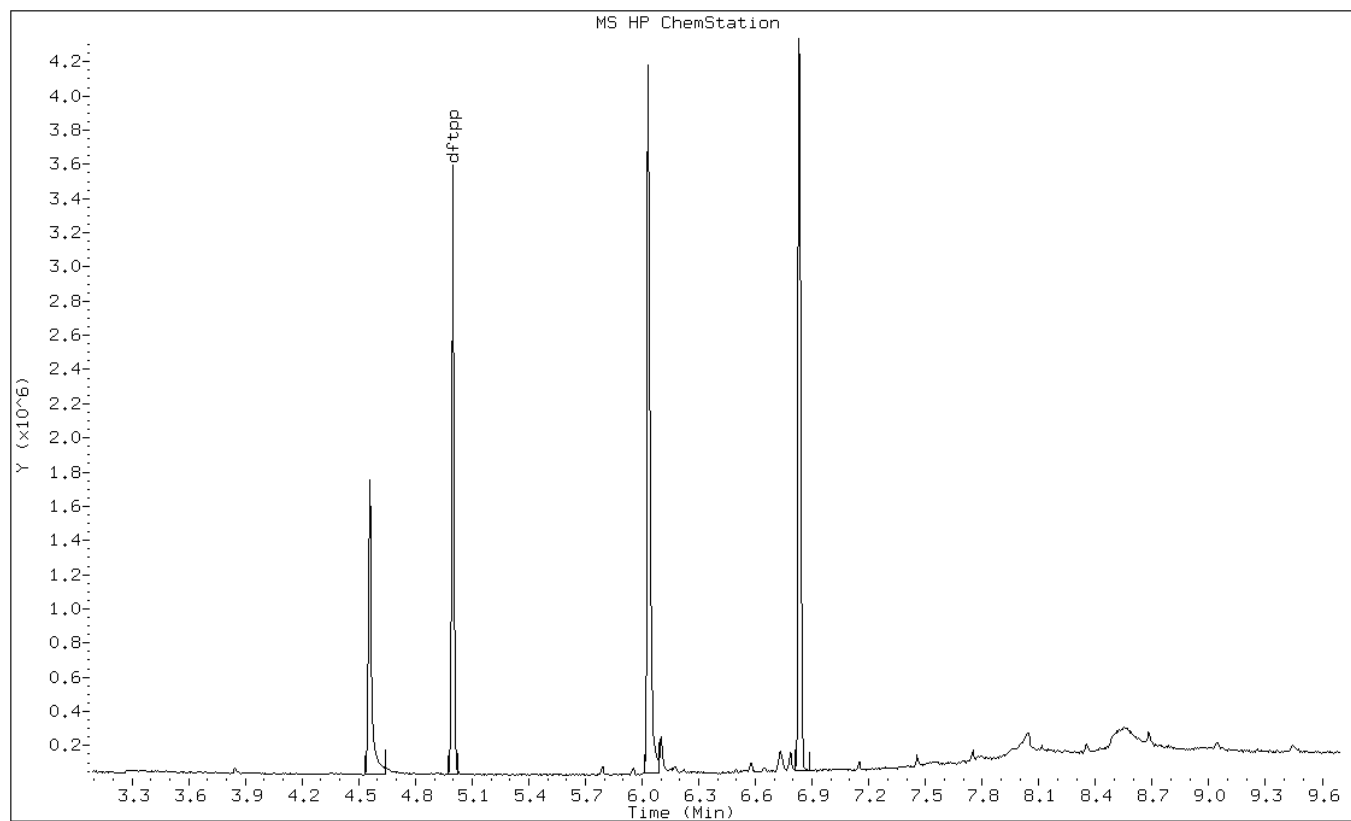
Date: 29-JUN-2011 02:56

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: x16103.d

Date: 29-JUN-2011 02:56

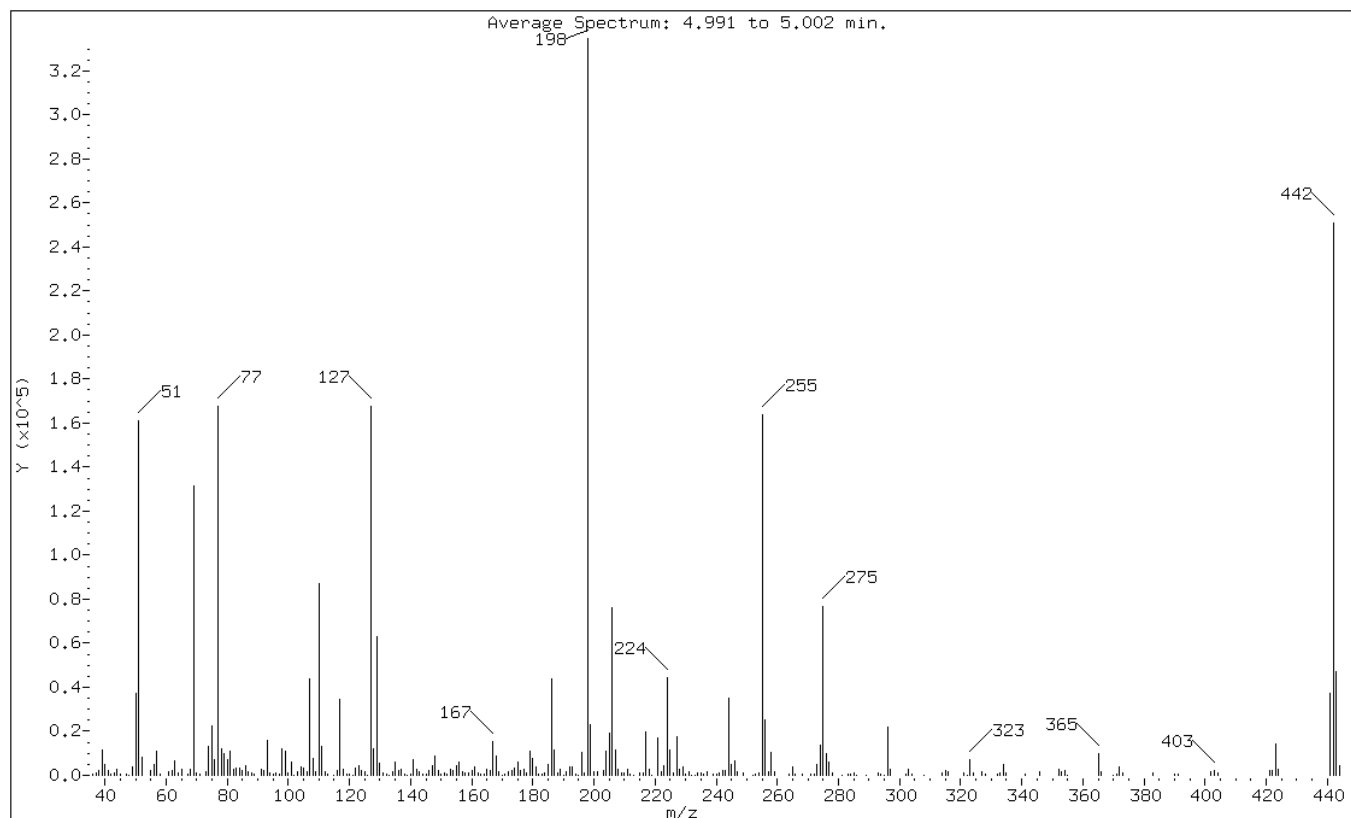
Client ID:

Instrument: BNAMS5.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	48.15
68	Less than 2.00% of mass 69	0.78 (1.97)
69	Mass 69 relative abundance	39.37
70	Less than 2.00% of mass 69	0.33 (0.84)
127	40.00 - 60.00% of mass 198	50.05
197	Less than 1.00% of mass 198	0.36
199	5.00 - 9.00% of mass 198	6.87
275	10.00 - 30.00% of mass 198	22.99
365	Greater than 1.00% of mass 198	3.00
441	0.01 - 100.00% of mass 443	11.14 (79.09)
442	40.00 - 110.00% of mass 198	75.00
443	17.00 - 23.00% of mass 442	14.08 (18.78)

Data File: x16103.d

Date: 29-JUN-2011 02:56

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS5.i/8270/06-29-11/29jun11.b/x16103.d
Spectrum: Average Spectrum: 4.991 to 5.002 min.
Location of Maximum: 198.00
Number of points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	276	113.00	719	183.00	382	259.00	1620
37.00	1071	115.00	173	184.00	887	264.00	433
38.00	2061	116.00	2450	185.00	4979	265.00	3964
39.00	11758	117.00	34312	186.00	43648	266.00	816
40.00	5158	118.00	2562	187.00	11340	268.00	445
41.00	2236	119.00	401	188.00	1091	271.00	541
42.00	812	120.00	655	189.00	2711	272.00	399
43.00	1352	121.00	221	190.00	219	273.00	5081
44.00	2504	122.00	3263	191.00	1519	274.00	13591
45.00	613	123.00	4482	192.00	3721	275.00	76944
47.00	481	124.00	2184	193.00	4062	276.00	10040
48.00	207	125.00	1895	194.00	577	277.00	6239
49.00	4024	126.00	271	195.00	239	278.00	1226
50.00	37456	127.00	167488	196.00	10385	281.00	195
51.00	161088	128.00	12240	197.00	1201	283.00	732
52.00	8275	129.00	63128	198.00	334656	284.00	644
55.00	1927	130.00	5734	199.00	22976	285.00	1253
56.00	4744	131.00	1160	200.00	1470	286.00	171
57.00	10685	132.00	644	201.00	1748	289.00	238
58.00	569	133.00	197	203.00	2205	293.00	1358
61.00	1741	134.00	1772	204.00	11084	294.00	446
62.00	1985	135.00	5885	205.00	18920	295.00	225
63.00	6475	136.00	2076	206.00	76176	296.00	21768
64.00	1134	137.00	2884	207.00	11474	297.00	2645
65.00	2942	138.00	472	208.00	2603	302.00	467
67.00	504	139.00	219	209.00	1082	303.00	2718
68.00	2601	140.00	663	210.00	1329	304.00	604
69.00	131712	141.00	7145	211.00	2919	308.00	174
70.00	1105	142.00	2709	212.00	552	314.00	1158
71.00	400	143.00	1913	213.00	168	315.00	2354
73.00	1373	144.00	417	215.00	1019	316.00	1457
74.00	13089	145.00	424	216.00	1289	321.00	868
75.00	22664	146.00	2028	217.00	19568	322.00	179
76.00	7247	147.00	4564	218.00	2559	323.00	7273
77.00	167488	148.00	8846	219.00	204	324.00	1297
78.00	12189	149.00	2229	221.00	17192	327.00	1384
79.00	9648	150.00	701	222.00	1880	328.00	628
80.00	7253	151.00	983	223.00	4441	332.00	655
81.00	10980	152.00	521	224.00	44176	333.00	876
82.00	3008	153.00	2621	225.00	11375	334.00	4781

83.00	3070	154.00	2324	226.00	1026	335.00	1151
84.00	3058	155.00	4438	227.00	17336	341.00	797
85.00	2173	156.00	6177	228.00	2564	346.00	1493
86.00	4535	157.00	1448	229.00	3623	352.00	2884
87.00	1465	158.00	963	230.00	504	353.00	1372
88.00	917	159.00	1192	231.00	1805	354.00	2433
89.00	473	160.00	2083	232.00	219	355.00	180
91.00	2609	161.00	3658	233.00	177	365.00	10046
92.00	2203	162.00	1058	234.00	996	366.00	1386
93.00	15929	163.00	289	235.00	1004	370.00	181
94.00	1335	164.00	724	236.00	784	371.00	386
95.00	806	165.00	2726	237.00	1652	372.00	3935
96.00	1347	166.00	2058	239.00	771	373.00	1175
97.00	574	167.00	15218	240.00	303	383.00	1148
98.00	11896	168.00	8756	241.00	1122	390.00	435
99.00	10932	169.00	1464	242.00	2116	391.00	382
100.00	1238	170.00	207	243.00	2445	402.00	1501
101.00	6154	171.00	510	244.00	34944	403.00	2267
102.00	226	172.00	1789	245.00	4710	404.00	908
103.00	1870	173.00	1949	246.00	6610	421.00	2364
104.00	3860	174.00	3136	247.00	1430	422.00	1924
105.00	3533	175.00	6191	249.00	1054	423.00	14007
106.00	1436	176.00	1992	252.00	235	424.00	2754
107.00	43864	177.00	2880	253.00	726	441.00	37264
108.00	7511	178.00	1123	254.00	924	442.00	250944
109.00	1710	179.00	10988	255.00	163776	443.00	47120
110.00	87208	180.00	7466	256.00	24952	444.00	4257
111.00	13230	181.00	3996	257.00	1601		
112.00	1816	182.00	588	258.00	10409		

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16286.d
 Report Date: 07-Jul-2011 10:02

TestAmerica

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16286.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 06-JUL-2011 08:47
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm bna 4557
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/BNADFTPP.m
 Meth Date : 07-Jun-2011 10:39 monica
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50

Inst ID: BNAMS5.i
 Quant Type: ESTD
 Cal File:
 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 #:				
4.932	5.350	-0.418	198	264469			0.00- 100.00	100.00	
4.932	5.350	-0.418	51	117640			30.00- 60.00	44.48	
4.932	5.350	-0.418	68	1607			0.00- 2.00	1.49	
4.932	5.350	-0.418	69	107688			0.00- 0.00	40.72	
4.932	5.350	-0.418	70	706			0.00- 2.00	0.66	
4.932	5.350	-0.418	127	132789			40.00- 60.00	50.21	
4.932	5.350	-0.418	197	1072			0.00- 1.00	0.41	
4.932	5.350	-0.418	199	17125			5.00- 9.00	6.48	
4.932	5.350	-0.418	275	65661			10.00- 30.00	24.83	
4.932	5.350	-0.418	365	8476			1.00- 0.00	3.20	
4.932	5.350	-0.418	441	32479			0.01- 100.00	76.99	
4.932	5.350	-0.418	442	237888			40.00- 110.00	89.95	
4.932	5.350	-0.418	443	42184			17.00- 23.00	17.73	

Data File: x16286.d

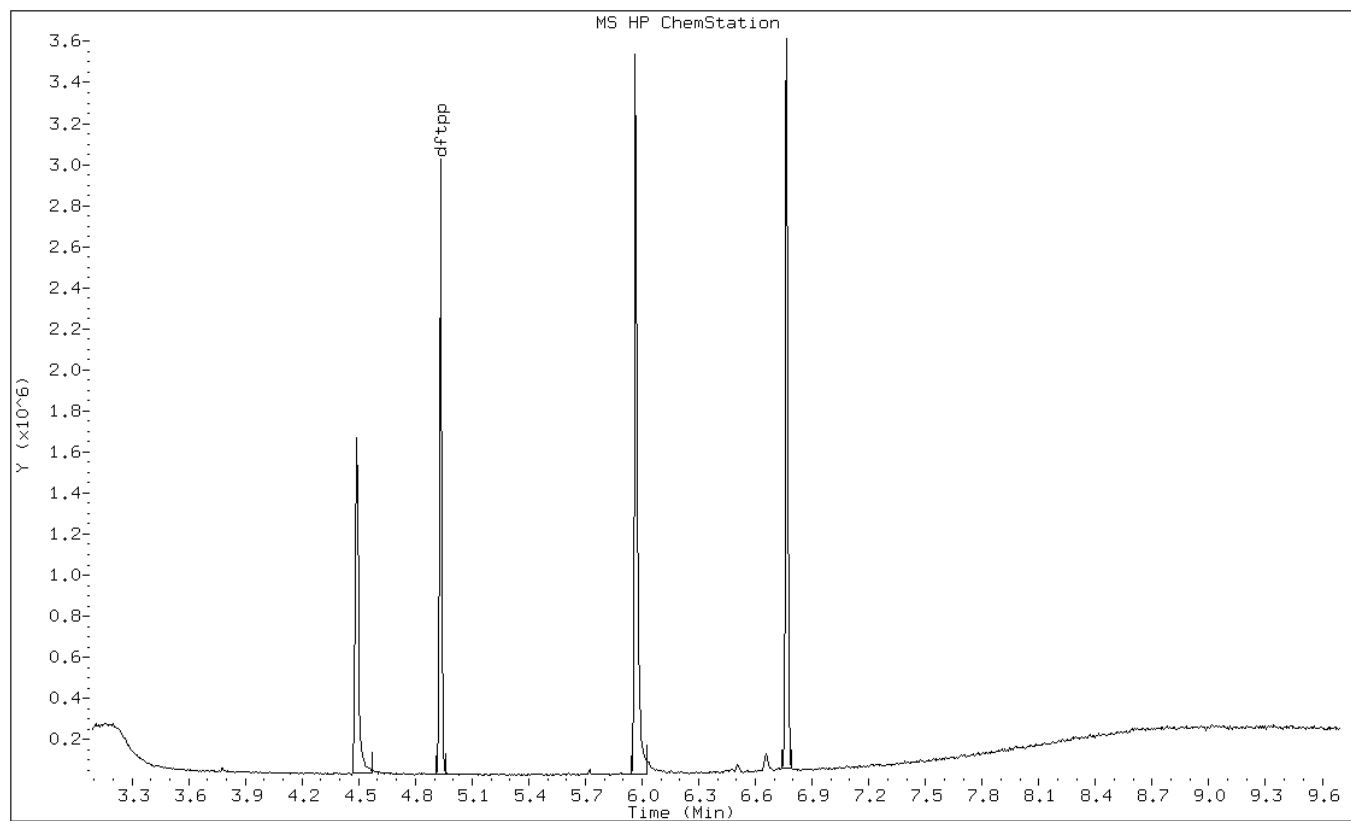
Date: 06-JUL-2011 08:47

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: x16286.d

Date: 06-JUL-2011 08:47

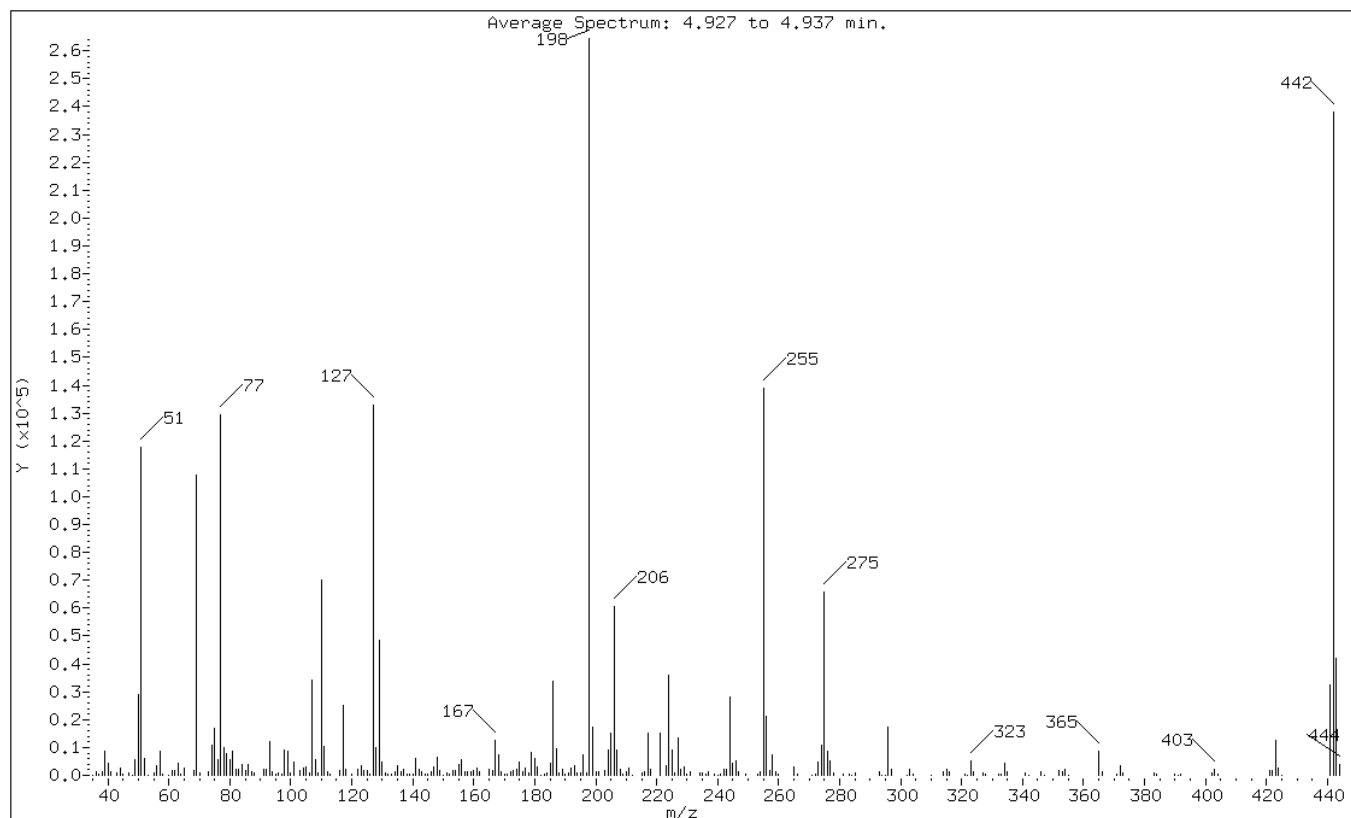
Client ID:

Instrument: BNAMS5.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	44.48
68	Less than 2.00% of mass 69	0.61 (1.49)
69	Mass 69 relative abundance	40.72
70	Less than 2.00% of mass 69	0.27 (0.66)
127	40.00 - 60.00% of mass 198	50.21
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	6.48
275	10.00 - 30.00% of mass 198	24.83
365	Greater than 1.00% of mass 198	3.20
441	0.01 - 100.00% of mass 443	12.28 (76.99)
442	40.00 - 110.00% of mass 198	89.95
443	17.00 - 23.00% of mass 442	15.95 (17.73)

Data File: x16286.d

Date: 06-JUL-2011 08:47

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16286.d

Spectrum: Average Spectrum: 4.927 to 4.937 min.

Location of Maximum: 198.00

Number of points: 262

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	172	112.00	1438	184.00	972	271.00	174
36.00	1145	113.00	325	185.00	4234	272.00	392
37.00	647	116.00	1699	186.00	33704	273.00	4576
38.00	1467	117.00	25032	187.00	9671	274.00	10995
39.00	8680	118.00	2127	188.00	725	275.00	65656
40.00	4529	120.00	549	189.00	1988	276.00	8750
41.00	1141	122.00	2159	190.00	284	277.00	5293
43.00	716	123.00	3528	191.00	740	278.00	872
44.00	2697	124.00	1765	192.00	2706	281.00	400
45.00	572	125.00	1656	193.00	3525	283.00	615
47.00	997	126.00	359	194.00	657	284.00	186
48.00	171	127.00	132736	195.00	658	285.00	985
49.00	5478	128.00	10167	196.00	7492	293.00	1249
50.00	29072	129.00	48600	197.00	1072	294.00	172
51.00	117640	130.00	4961	198.00	264448	295.00	201
52.00	6267	131.00	822	199.00	17120	296.00	17144
53.00	182	132.00	324	200.00	1370	297.00	2309
55.00	740	133.00	352	201.00	1328	302.00	186
56.00	3470	134.00	1367	203.00	1649	303.00	2255
57.00	8598	135.00	3634	204.00	9197	304.00	510
58.00	425	136.00	1430	205.00	15201	310.00	178
60.00	207	137.00	2104	206.00	60784	314.00	1161
61.00	1537	138.00	578	207.00	9192	315.00	2001
62.00	1558	139.00	387	208.00	1957	316.00	1108
63.00	4282	140.00	592	209.00	562	321.00	581
64.00	593	141.00	6194	210.00	1285	322.00	193
65.00	2574	142.00	2214	211.00	2386	323.00	5393
68.00	1607	143.00	1252	212.00	209	324.00	1503
69.00	107688	144.00	238	215.00	1021	327.00	961
70.00	706	145.00	443	216.00	1331	328.00	623
73.00	1204	146.00	1147	217.00	15321	332.00	469
74.00	10942	147.00	3123	218.00	2153	333.00	268
75.00	16800	148.00	6446	221.00	15033	334.00	4166
76.00	5612	149.00	1876	223.00	3353	335.00	1199
77.00	129560	150.00	206	224.00	35920	341.00	729
78.00	9963	151.00	1029	225.00	9079	342.00	192
79.00	7842	152.00	496	226.00	776	346.00	1410
80.00	5644	153.00	1777	227.00	13499	347.00	215
81.00	8703	154.00	1560	228.00	2085	352.00	1824
82.00	2057	155.00	4001	229.00	2846	353.00	1421

83.00	2308	156.00	5694	230.00	281	354.00	1991
84.00	3824	157.00	1285	231.00	1280	355.00	204
85.00	1585	158.00	1133	234.00	739	365.00	8476
86.00	3761	159.00	1085	235.00	895	366.00	1445
87.00	1402	160.00	1735	236.00	521	371.00	423
+-----+							
88.00	1023	161.00	2587	237.00	1383	372.00	3445
91.00	2284	162.00	1105	239.00	613	373.00	916
92.00	2124	165.00	2195	240.00	171	383.00	774
93.00	12309	166.00	1749	241.00	605	384.00	235
94.00	1100	167.00	12475	242.00	2069	390.00	506
+-----+							
95.00	432	168.00	7434	243.00	2017	391.00	190
96.00	720	169.00	1296	244.00	28120	392.00	417
97.00	302	170.00	420	245.00	4291	402.00	959
98.00	8953	171.00	510	246.00	5126	403.00	2282
99.00	8663	172.00	1159	247.00	1310	404.00	487
+-----+							
100.00	712	173.00	1536	249.00	580	421.00	1672
101.00	4753	174.00	1959	253.00	601	422.00	1662
103.00	1644	175.00	4730	254.00	1111	423.00	12608
104.00	2699	176.00	1505	255.00	138752	424.00	2655
105.00	2861	177.00	2462	256.00	21352	425.00	166
+-----+							
106.00	782	178.00	866	257.00	1576	441.00	32472
107.00	34208	179.00	8195	258.00	7285	442.00	237888
108.00	5722	180.00	5888	259.00	1417	443.00	42184
109.00	896	181.00	3241	260.00	224	444.00	3922
110.00	70328	182.00	207	265.00	2983		
+-----+							
111.00	10224	183.00	225	266.00	522		
+-----+							

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-78746/1-A

Matrix: Water Lab File ID: x16291.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 07/04/2011 07:45

Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 11:33

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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10	U	10	0.89
95-57-8	2-Chlorophenol	10	U	10	2.6
95-48-7	2-Methylphenol	10	U	10	1.7
106-44-5	4-Methylphenol	10	U	10	1.6
88-75-5	2-Nitrophenol	10	U	10	3.4
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
100-02-7	4-Nitrophenol	30	U	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
87-86-5	Pentachlorophenol	30	U	30	5.1
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
541-73-1	1,3-Dichlorobenzene	10	U	10	3.8
106-46-7	1,4-Dichlorobenzene	10	U	10	4.6
95-50-1	1,2-Dichlorobenzene	10	U	10	3.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.52
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
208-96-8	Acenaphthylene	10	U	10	4.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-78746/1-A

Matrix: Water Lab File ID: x16291.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 07/04/2011 07:45

Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 11:33

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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-78746/1-A
Matrix: Water Lab File ID: x16291.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 11:33
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	94		56-112
4165-62-2	Phenol-d5	24		10-48
1718-51-0	Terphenyl-d14	89		50-122
118-79-6	2,4,6-Tribromophenol	87		46-122
367-12-4	2-Fluorophenol	41		10-65
321-60-8	2-Fluorobiphenyl	93		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16291.d
 Report Date: 07-Jul-2011 16:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16291.d
 Lab Smp Id: MB 460-78746/1-A
 Inj Date : 06-JUL-2011 11:33
 Operator : BNAMS 4
 Smp Info : MB 460-78746/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
 Meth Date : 07-Jul-2011 10:07 monica
 Cal Date : 29-JUN-2011 05:17
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x16109.d
 QC Sample: BLANK
 Compound Sublist: all-h20.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
=====	=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112		2.805	2.805 (0.689)		343812	20.7494	41
\$ 17 Phenol-d5 (SUR)	99		3.735	3.746 (0.918)		262037	12.0919	24
* 79 1,4-Dichlorobenzene-d4	152		4.070	4.076 (1.000)		489230	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82		4.635	4.646 (0.865)		797742	46.7584	94
* 80 Naphthalene-d8	136		5.358	5.364 (1.000)		1737867	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172		6.452	6.458 (0.907)		1182972	46.6351	93
* 82 Acenaphthene-d10	164		7.117	7.117 (1.000)		804270	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.893	7.899 (1.109)		158116	43.4344	87
* 83 Phenanthrene-d10	188		8.576	8.576 (1.000)		1020402	40.0000	
\$ 78 Terphenyl-d14	244		10.152	10.146 (0.899)		788714	44.3779	89
* 81 Chrysene-d12	240		11.287	11.281 (1.000)		678055	40.0000	
* 84 Perylene-d12	264		13.134	13.128 (1.000)		502085	40.0000	

Data File: x16291.d

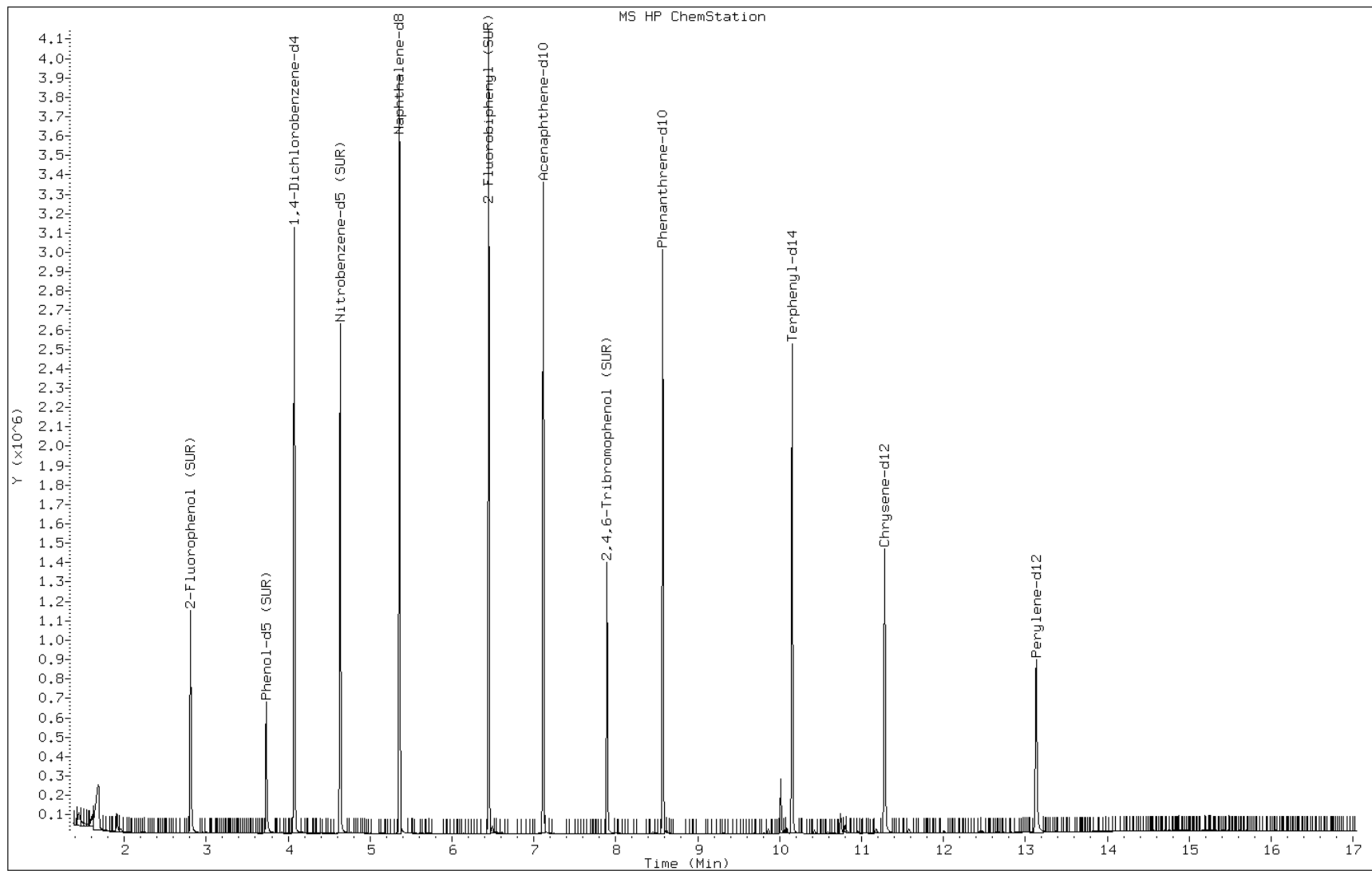
Date: 06-JUL-2011 11:33

Client ID:

Instrument: BNAMS5.i

Sample Info: MB 460-78746/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-78748/1-A

Matrix: Solid Lab File ID: z18178.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 07/04/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2011 14:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	41
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
100-02-7	4-Nitrophenol	1000	U	1000	85
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
87-86-5	Pentachlorophenol	1000	U	1000	160
111-44-4	Bis(2-chloroethyl) ether	33	U	33	6.9
541-73-1	1,3-Dichlorobenzene	330	U	330	45
106-46-7	1,4-Dichlorobenzene	330	U	330	49
95-50-1	1,2-Dichlorobenzene	330	U	330	53
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
67-72-1	Hexachloroethane	33	U	33	5.6
98-95-3	Nitrobenzene	33	U	33	7.4
78-59-1	Isophorone	330	U	330	38
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
120-82-1	1,2,4-Trichlorobenzene	33	U	33	5.4
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
91-57-6	2-Methylnaphthalene	330	U	330	48
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-78748/1-A

Matrix: Solid Lab File ID: z18178.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 07/04/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2011 14:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47
132-64-9	Dibenzofuran	330	U	330	50
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
84-66-2	Diethyl phthalate	330	U	330	44
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
86-73-7	Fluorene	330	U	330	56
100-01-6	4-Nitroaniline	670	U	670	68
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
118-74-1	Hexachlorobenzene	33	U	33	4.6
85-01-8	Phenanthrene	330	U	330	58
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
84-74-2	Di-n-butyl phthalate	330	U	330	51
206-44-0	Fluoranthene	330	U	330	55
129-00-0	Pyrene	330	U	330	57
85-68-7	Butyl benzyl phthalate	330	U	330	39
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
56-55-3	Benzo[a]anthracene	33	U	33	6.1
218-01-9	Chrysene	330	U	330	48
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
50-32-8	Benzo[a]pyrene	33	U	33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
108-60-1	bis (2-chloroisopropyl) ether	330	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-78748/1-A
Matrix: Solid Lab File ID: z18178.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2011 14:21
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	95		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	84		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18178.d
 Report Date: 06-Jul-2011 12:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18178.d
 Lab Smp Id: MB 460-78748/1-A
 Inj Date : 05-JUL-2011 14:21
 Operator : BNAMS 4
 Smp Info : MB 460-78748/1-A
 Misc Info : MB 460-78748/1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 10 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1
 Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)		112	2.311	2.276	(0.659)	1439177	84.3324	5600
\$ 17 Phenol-d5 (SUR)		99	3.182	3.170	(0.908)	1763751	87.0701	5800
* 79 1,4-Dichlorobenzene-d4		152	3.505	3.505	(1.000)	548035	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.076	4.076	(0.848)	843934	41.5354	2800
* 80 Naphthalene-d8		136	4.805	4.805	(1.000)	1947936	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	5.911	5.911	(0.901)	1322459	40.5224	2700
* 82 Acenaphthene-d10		164	6.558	6.558	(1.000)	933494	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.329	7.329	(1.117)	242227	77.2558	5200
* 83 Phenanthrene-d10		188	7.999	7.999	(1.000)	1140830	40.0000	
\$ 78 Terphenyl-d14		244	9.575	9.570	(0.903)	687194	47.6366	3200
* 81 Chrysene-d12		240	10.599	10.593	(1.000)	605932	40.0000	
* 84 Perylene-d12		264	12.269	12.264	(1.000)	448817	40.0000	

Data File: z18178.d

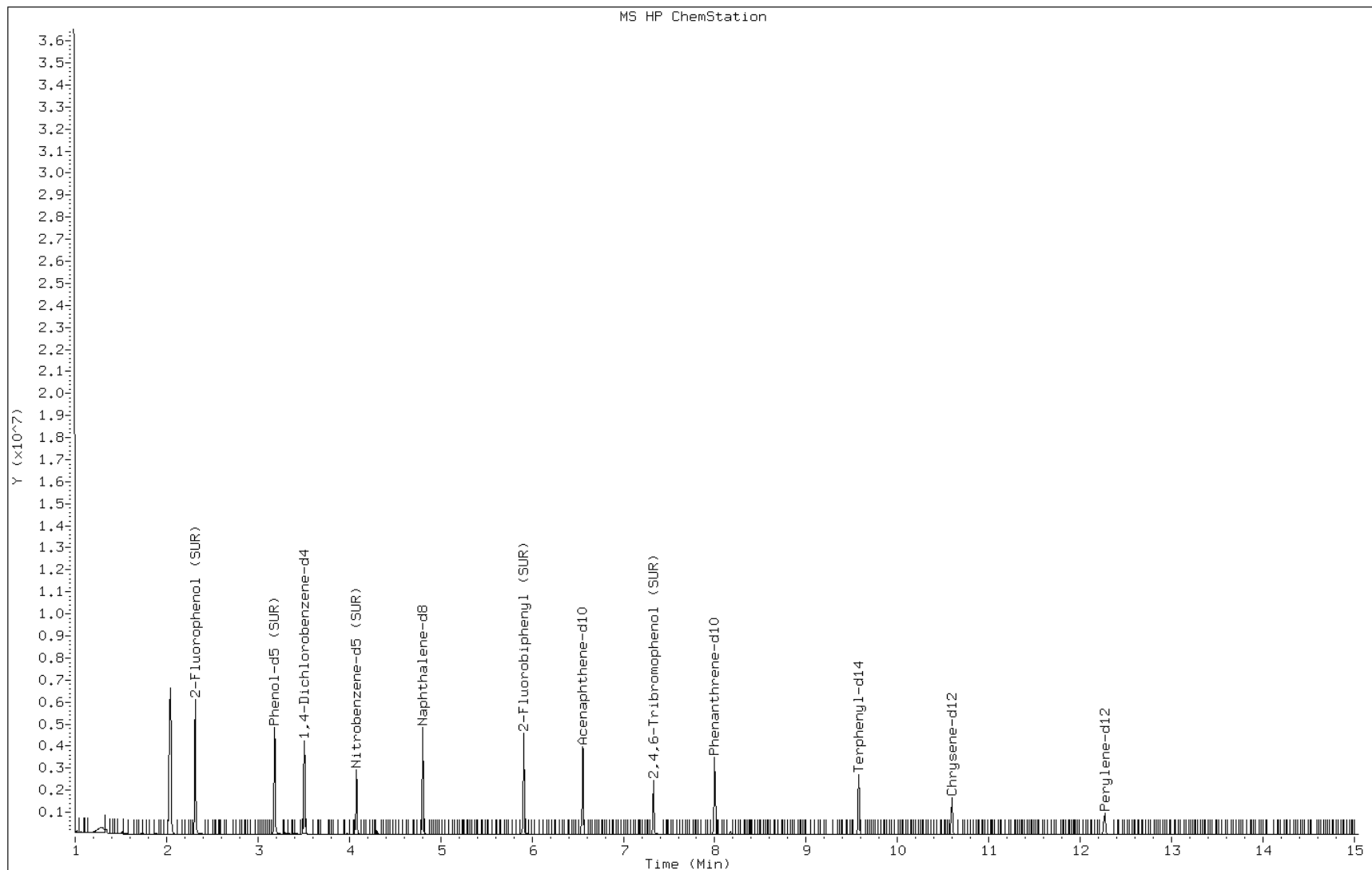
Date: 05-JUL-2011 14:21

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-78748/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-78746/2-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16292.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>07/06/2011 11:56</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	21.8		10	0.89
95-57-8	2-Chlorophenol	65.9		10	2.6
95-48-7	2-Methylphenol	47.8		10	1.7
106-44-5	4-Methylphenol	34.7		10	1.6
88-75-5	2-Nitrophenol	79.2		10	3.4
105-67-9	2,4-Dimethylphenol	71.3		10	2.5
120-83-2	2,4-Dichlorophenol	76.3		10	2.8
59-50-7	4-Chloro-3-methylphenol	67.4		10	2.0
88-06-2	2,4,6-Trichlorophenol	83.1		10	3.2
95-95-4	2,4,5-Trichlorophenol	84.2		10	2.5
51-28-5	2,4-Dinitrophenol	64.3		30	4.8
100-02-7	4-Nitrophenol	27.4	J	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	84.9		30	5.2
87-86-5	Pentachlorophenol	88.8		30	5.1
111-44-4	Bis(2-chloroethyl) ether	87.7		1.0	0.41
541-73-1	1,3-Dichlorobenzene	80.5		10	3.8
106-46-7	1,4-Dichlorobenzene	80.6		10	4.6
95-50-1	1,2-Dichlorobenzene	85.7		10	3.7
621-64-7	N-Nitrosodi-n-propylamine	82.9		1.0	0.32
67-72-1	Hexachloroethane	79.4		1.0	0.50
98-95-3	Nitrobenzene	79.8		1.0	0.41
78-59-1	Isophorone	69.6		10	3.6
111-91-1	Bis(2-chloroethoxy) methane	80.4		10	3.5
120-82-1	1,2,4-Trichlorobenzene	80.3		1.0	0.52
91-20-3	Naphthalene	80.4		10	3.7
106-47-8	4-Chloroaniline	74.5		10	2.1
87-68-3	Hexachlorobutadiene	80.6		2.0	0.94
91-57-6	2-Methylnaphthalene	78.4		10	3.1
77-47-4	Hexachlorocyclopentadiene	83.4		10	4.6
91-58-7	2-Chloronaphthalene	91.4		10	3.8
88-74-4	2-Nitroaniline	86.2		20	5.7
131-11-3	Dimethyl phthalate	86.0		10	3.3
208-96-8	Acenaphthylene	80.2		10	4.0
606-20-2	2,6-Dinitrotoluene	85.0		2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-78746/2-A

Matrix: Water Lab File ID: x16292.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 07/04/2011 07:45

Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 11:56

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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	78.3		20	4.3
83-32-9	Acenaphthene	100		10	3.8
132-64-9	Dibenzofuran	88.5		10	3.6
121-14-2	2,4-Dinitrotoluene	83.4		2.0	0.43
84-66-2	Diethyl phthalate	83.1		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	90.8		10	3.9
86-73-7	Fluorene	86.8		10	3.3
100-01-6	4-Nitroaniline	85.3		20	4.0
86-30-6	N-Nitrosodiphenylamine	91.3		10	3.9
101-55-3	4-Bromophenyl phenyl ether	86.4		10	3.9
118-74-1	Hexachlorobenzene	83.1		1.0	0.27
85-01-8	Phenanthrene	86.0		10	3.6
120-12-7	Anthracene	85.7		10	3.6
86-74-8	Carbazole	90.3		10	3.1
84-74-2	Di-n-butyl phthalate	85.7		10	2.8
206-44-0	Fluoranthene	88.9		10	2.6
129-00-0	Pyrene	79.4		10	4.3
85-68-7	Butyl benzyl phthalate	80.5		10	2.8
91-94-1	3,3'-Dichlorobenzidine	91.4		20	7.0
56-55-3	Benzo[a]anthracene	81.7		1.0	0.27
218-01-9	Chrysene	89.4		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	80.4		10	2.4
117-84-0	Di-n-octyl phthalate	67.4		10	1.9
205-99-2	Benzo[b]fluoranthene	79.6		1.0	0.21
207-08-9	Benzo[k]fluoranthene	91.4		1.0	0.30
50-32-8	Benzo[a]pyrene	83.0		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	80.6		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	94.4		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	99.2		10	2.7
108-60-1	bis (2-chloroisopropyl) ether	78.8		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-78746/2-A
Matrix: Water Lab File ID: x16292.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 11:56
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		56-112
4165-62-2	Phenol-d5	18		10-48
1718-51-0	Terphenyl-d14	80		50-122
118-79-6	2,4,6-Tribromophenol	81		46-122
367-12-4	2-Fluorophenol	34		10-65
321-60-8	2-Fluorobiphenyl	93		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16292.d
Report Date: 07-Jul-2011 15:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16292.d
Lab Smp Id: LCS 460-78746/2-A
Inj Date : 06-JUL-2011 11:56
Operator : BNAMS 4
Smp Info : LCS 460-78746/2-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
Meth Date : 07-Jul-2011 10:07 monica
Cal Date : 29-JUN-2011 05:17
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1

Inst ID: BNAMS5.i
Quant Type: ISTD
Cal File: x16109.d
QC Sample: LCS
Compound Sublist: all-h20.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)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.458	1.470	(0.358)	130370	19.8890	40	
19 N-Nitrosodimethylamine	74	1.670	1.682	(0.410)	179754	20.0932	40	
71 Pyridine	79	1.705	1.711	(0.418)	308450	22.4722	45	
\$ 16 2-Fluorophenol (SUR)	112	2.811	2.805	(0.690)	239885	16.9575	34	
110 Benzaldehyde	77	3.629	3.635	(0.890)	409579	61.3900	120	
\$ 17 Phenol-d5 (SUR)	99	3.735	3.746	(0.916)	166158	8.75932	18	
1 Phenol	94	3.752	3.758	(0.921)	225312	10.8885	22	
73 Aniline	93	3.746	3.752	(0.919)	479709	26.6759	53	
20 bis(2-Chloroethyl)ether	93	3.805	3.817	(0.934)	644034	43.8265	88	
2 2-Chlorophenol	128	3.870	3.882	(0.949)	504991	32.9637	66	
113 n-decane	43	3.929	3.929	(0.964)	626358	41.8701	84	
21 1,3-Dichlorobenzene	146	4.017	4.023	(0.986)	692206	40.2348	80	
* 79 1,4-Dichlorobenzene-d4	152	4.076	4.076	(1.000)	417674	40.0000		
22 1,4-Dichlorobenzene	146	4.093	4.093	(1.004)	679582	40.3099	81	
74 Benzyl Alcohol	108	4.223	4.235	(1.036)	261560	30.3273	61	

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16292.d
Report Date: 07-Jul-2011 15:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.246	4.246	(1.042)	644617	42.8728	86
3 2-Methylphenol	108	4.358	4.370	(1.069)	310925	23.8933	48
24 bis (2-chloroisopropyl) ether	45	4.358	4.358	(1.069)	729233	39.4107	79
104 Acetophenone	105	4.487	4.499	(1.101)	698900	42.2779	84
4 4-Methylphenol	108	4.511	4.523	(1.107)	274673	17.3433	35
123 3 & 4 Methylphenol	108	4.511	4.523	(1.107)	275162	16.8653	34
25 N-Nitroso-di-n-propylamine	70	4.493	4.505	(1.102)	364248	41.4527	83
26 Hexachloroethane	117	4.588	4.588	(1.126)	258497	39.7187	79
\$ 76 Nitrobenzene-d5 (SUR)	82	4.640	4.646	(0.865)	589509	42.0803	84
27 Nitrobenzene	77	4.658	4.670	(0.868)	721616	39.8964	80
107 N,N-Dimethylaniline	120	4.664	4.670	(1.144)	674909	36.3346	73
28 Isophorone	82	4.899	4.905	(0.913)	832468	34.7896	70
5 2-Nitrophenol	139	4.982	4.982	(0.929)	294105	39.5830	79
6 2,4-Dimethylphenol	122	5.046	5.052	(0.941)	401950	35.6386	71
29 bis(2-Chloroethoxy)methane	93	5.129	5.135	(0.956)	613030	40.1811	80
15 Benzoic Acid	122	5.152	5.211	(0.961)	10085	2.61711	5.2(aRH)
7 2,4-Dichlorophenol	162	5.240	5.240	(0.977)	383888	38.1570	76
30 1,2,4-Trichlorobenzene	180	5.311	5.311	(0.990)	467234	40.1556	80
* 80 Naphthalene-d8	136	5.364	5.364	(1.000)	1427006	40.0000	
31 Naphthalene	128	5.382	5.387	(1.003)	1524661	40.2104	80
32 4-Chloroaniline	127	5.446	5.452	(1.015)	511760	37.2720	74
33 Hexachlorobutadiene	225	5.523	5.523	(1.030)	270844	40.2984	80
111 Caprolactam	113	5.799	5.829	(1.081)	16754	5.03185	10
8 4-Chloro-3-methylphenol	107	5.964	5.970	(1.112)	319525	33.7057	67
34 2-Methylnaphthalene	142	6.082	6.082	(1.134)	911017	39.1900	78
120 1-Methylnaphthalene	142	6.176	6.182	(1.151)	10350	0.40547	0.81(a)
35 Hexachlorocyclopentadiene	237	6.246	6.252	(0.878)	186929	41.7164	83
129 1,2,4,5-Tetrachlorobenzene	216	6.252	6.258	(0.878)	390941	49.2245	98
9 2,4,6-Trichlorophenol	196	6.376	6.376	(0.896)	242816	41.5328	83
10 2,4,5-Trichlorophenol	196	6.423	6.429	(0.902)	248108	42.1233	84
\$ 77 2-Fluorobiphenyl (SUR)	172	6.452	6.458	(0.907)	935139	46.2739	92
102 Diphenyl	154	6.546	6.552	(0.920)	1028222	46.5063	93
36 2-Chloronaphthalene	162	6.564	6.570	(0.922)	788748	45.7225	91
103 Diphenyl Ether	170	6.652	6.658	(0.935)	558113	41.4747	83
37 2-Nitroaniline	65	6.676	6.682	(0.938)	252814	43.0752	86
38 Dimethylphthalate	163	6.864	6.864	(0.964)	808212	43.0177	86
40 2,6-Dinitrotoluene	165	6.917	6.917	(0.972)	185992	42.5089	85
39 Acenaphthylene	152	6.970	6.976	(0.979)	1174817	40.1090	80
41 3-Nitroaniline	138	7.081	7.087	(0.995)	193077	39.1651	78
* 82 Acenaphthene-d10	164	7.117	7.117	(1.000)	640321	40.0000	
42 Acenaphthene	154	7.146	7.152	(1.004)	701172	50.0738	100
11 2,4-Dinitrophenol	184	7.181	7.187	(1.009)	69333	32.1345	64
12 4-Nitrophenol	65	7.299	7.293	(1.026)	40495	13.6969	27(a)
44 2,4-Dinitrotoluene	165	7.311	7.317	(1.027)	216522	41.7091	83
43 Dibenzofuran	168	7.317	7.323	(1.028)	971849	44.2368	88
130 2,3,4,6-Tetrachlorophenol	232	7.452	7.452	(1.047)	187831	40.4259	81
45 Diethylphthalate	149	7.558	7.564	(1.062)	758962	41.5409	83

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16292.d
Report Date: 07-Jul-2011 15:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
46 4-Chlorophenyl-phenylether	204	7.658	7.664	(1.076)	346211	45.4115	91
47 Fluorene	166	7.652	7.658	(1.075)	747540	43.4073	87
48 4-Nitroaniline	138	7.687	7.693	(1.080)	174755	42.6461	85
13 4,6-Dinitro-2-methylphenol	198	7.717	7.717	(0.900)	112435	42.4267	85
49 N-Nitrosodiphenylamine	169	7.781	7.781	(0.907)	557108	45.6495	91
75 1,2-Diphenylhydrazine	77	7.817	7.817	(0.912)	926532	43.8879	88
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.893	7.899	(1.109)	118004	40.7154	81
50 4-Bromophenyl-phenylether	248	8.140	8.140	(0.949)	215816	43.2153	86
51 Hexachlorobenzene	284	8.205	8.205	(0.957)	233198	41.5478	83
112 Atrazine	200	8.311	8.317	(0.969)	111016	27.3226	55(R)
14 Pentachlorophenol	266	8.405	8.405	(0.980)	122833	44.4035	89
115 n-Octadecane	57	8.493	8.493	(0.990)	592780	46.3923	93
* 83 Phenanthrene-d10	188	8.575	8.576	(1.000)	802601	40.0000	
52 Phenanthrene	178	8.599	8.599	(1.003)	965725	43.0114	86
53 Anthracene	178	8.646	8.646	(1.008)	958001	42.8382	86
54 Carbazole	167	8.811	8.811	(1.027)	850585	45.1525	90
55 Di-n-butylphthalate	149	9.164	9.164	(1.069)	1039742	42.8257	86
56 Fluoranthene	202	9.764	9.764	(1.139)	859239	44.4722	89
58 Benzidine	184	9.905	9.917	(1.155)	66181	21.3053	43
57 Pyrene	202	9.987	9.987	(0.885)	844418	39.7229	79
\$ 78 Terphenyl-d14	244	10.146	10.146	(0.899)	616227	39.8915	80
59 Butylbenzylphthalate	149	10.658	10.658	(0.945)	360885	40.2296	80
60 3,3'-Dichlorobenzidine	252	11.252	11.252	(0.997)	220090	45.7101	91
61 Benzo(a)anthracene	228	11.269	11.269	(0.999)	657618	40.8475	82
* 81 Chrysene-d12	240	11.281	11.281	(1.000)	589349	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.328	11.328	(1.004)	472289	40.1943	80
62 Chrysene	228	11.311	11.311	(1.003)	662785	44.7112	89
64 Di-n-octylphthalate	149	12.152	12.152	(0.926)	649569	33.7153	67
65 Benzo(b)fluoranthene	252	12.622	12.628	(0.961)	541320	39.8106	80
66 Benzo(k)fluoranthene	252	12.658	12.663	(0.964)	664966	45.7220	91
67 Benzo(a)pyrene	252	13.052	13.052	(0.994)	451874	41.4797	83
* 84 Perylene-d12	264	13.128	13.128	(1.000)	481872	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.563	14.563	(1.109)	398419	40.2781	80(M)
69 Dibenz(a,h)anthracene	278	14.593	14.599	(1.112)	465427	47.1866	94
70 Benzo(g,h,i)perylene	276	14.940	14.940	(1.138)	477672	49.6174	99

QC Flag Legend

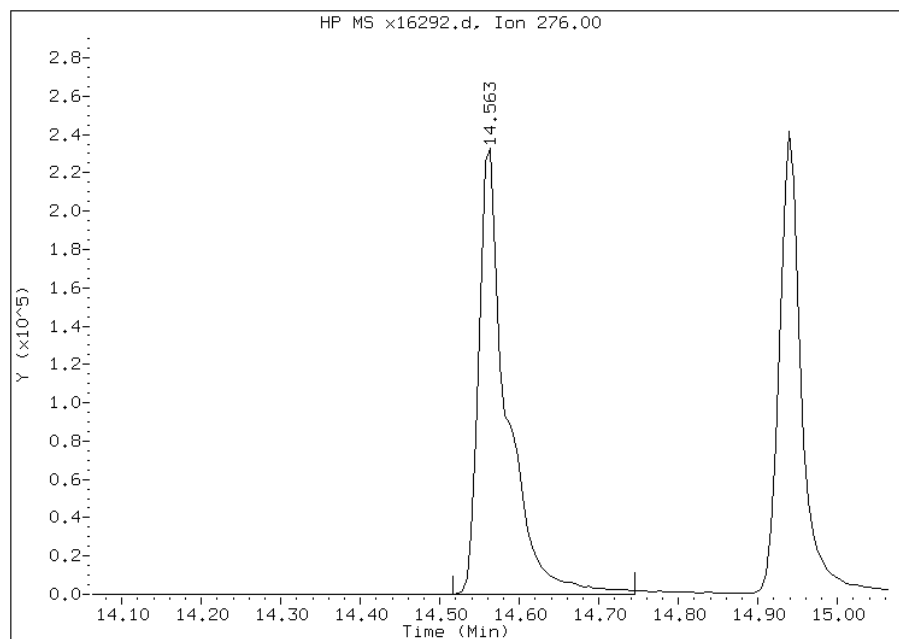
- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: x16292.d
Inj. Date and Time: 06-JUL-2011 11:56
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/07/2011

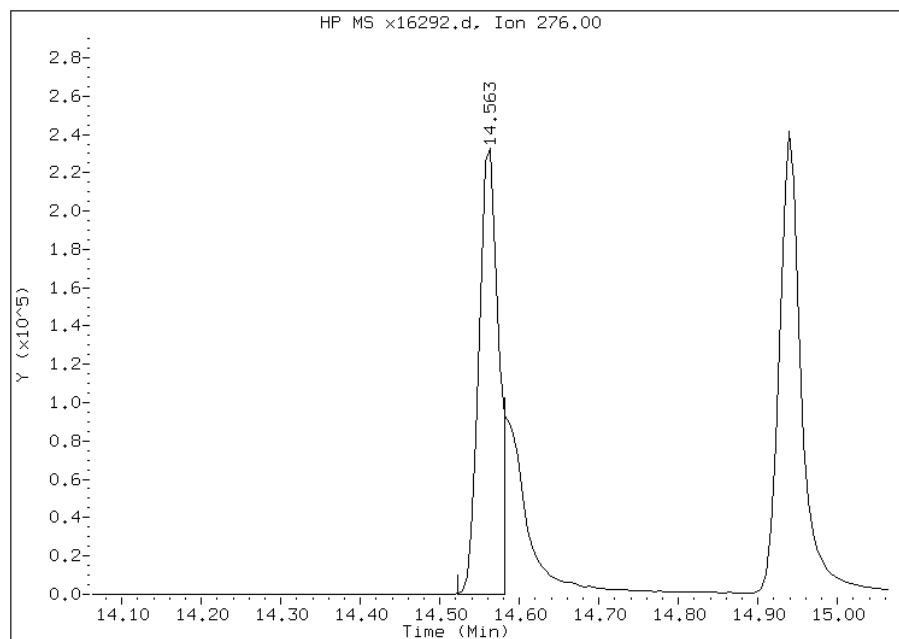
Processing Integration Results

RT: 14.56
Response: 566732
Amount: 57
Conc: 115



Manual Integration Results

RT: 14.56
Response: 398419
Amount: 40
Conc: 81



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-78748/2-A

Matrix: Solid Lab File ID: z18203.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 07/04/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 07/06/2011 12:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 79233 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4510		330	40
95-57-8	2-Chlorophenol	4700		330	44
95-48-7	2-Methylphenol	4870		330	48
106-44-5	4-Methylphenol	4340		330	54
88-75-5	2-Nitrophenol	5040		330	54
105-67-9	2,4-Dimethylphenol	4910		330	53
120-83-2	2,4-Dichlorophenol	4800		330	53
59-50-7	4-Chloro-3-methylphenol	5180		330	55
88-06-2	2,4,6-Trichlorophenol	4770		330	59
95-95-4	2,4,5-Trichlorophenol	5030		330	64
51-28-5	2,4-Dinitrophenol	787	J	1000	70
100-02-7	4-Nitrophenol	5820		1000	85
534-52-1	4,6-Dinitro-2-methylphenol	1770		1000	160
87-86-5	Pentachlorophenol	4930		1000	160
111-44-4	Bis(2-chloroethyl)ether	2440		33	6.9
541-73-1	1,3-Dichlorobenzene	2230		330	45
106-46-7	1,4-Dichlorobenzene	2240		330	49
95-50-1	1,2-Dichlorobenzene	2300		330	53
621-64-7	N-Nitrosodi-n-propylamine	2700		33	4.4
67-72-1	Hexachloroethane	2220		33	5.6
98-95-3	Nitrobenzene	2310		33	7.4
78-59-1	Isophorone	2520		330	38
111-91-1	Bis(2-chloroethoxy)methane	2590		330	47
120-82-1	1,2,4-Trichlorobenzene	2390		33	5.4
91-20-3	Naphthalene	2390		330	48
106-47-8	4-Chloroaniline	1620		330	42
87-68-3	Hexachlorobutadiene	2370		67	13
91-57-6	2-Methylnaphthalene	2480		330	48
77-47-4	Hexachlorocyclopentadiene	2050		330	97
91-58-7	2-Chloronaphthalene	2400		330	47
88-74-4	2-Nitroaniline	2580		670	90
131-11-3	Dimethyl phthalate	2650		330	45
208-96-8	Acenaphthylene	2450		330	47
606-20-2	2,6-Dinitrotoluene	2790		67	8.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-78748/2-A

Matrix: Solid Lab File ID: z18203.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 07/04/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 07/06/2011 12:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 79233 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	2130		670	75
83-32-9	Acenaphthene	2530		330	47
132-64-9	Dibenzofuran	2550		330	50
121-14-2	2,4-Dinitrotoluene	2730		67	9.6
84-66-2	Diethyl phthalate	2760		330	44
7005-72-3	4-Chlorophenyl phenyl ether	2600		330	57
86-73-7	Fluorene	2630		330	56
100-01-6	4-Nitroaniline	3000		670	68
86-30-6	N-Nitrosodiphenylamine	2790		330	54
101-55-3	4-Bromophenyl phenyl ether	2560		330	59
118-74-1	Hexachlorobenzene	2560		33	4.6
85-01-8	Phenanthrene	2620		330	58
120-12-7	Anthracene	2570		330	58
86-74-8	Carbazole	2700		330	52
84-74-2	Di-n-butyl phthalate	2770		330	50
206-44-0	Fluoranthene	2740		330	55
129-00-0	Pyrene	2640		330	57
85-68-7	Butyl benzyl phthalate	2790		330	39
91-94-1	3,3'-Dichlorobenzidine	2320		670	73
56-55-3	Benzo[a]anthracene	2560		33	6.1
218-01-9	Chrysene	2680		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2810		330	44
117-84-0	Di-n-octyl phthalate	2780		330	39
205-99-2	Benzo[b]fluoranthene	2700		33	4.9
207-08-9	Benzo[k]fluoranthene	2660		33	4.6
50-32-8	Benzo[a]pyrene	2670		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2740		33	5.3
53-70-3	Dibenz(a,h)anthracene	2830		33	4.0
191-24-2	Benzo[g,h,i]perylene	2690		330	35
108-60-1	bis (2-chloroisopropyl) ether	2230		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-78748/2-A
Matrix: Solid Lab File ID: z18203.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.03(g) Date Analyzed: 07/06/2011 12:41
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 79233 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	73		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	84		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18203.d
 Report Date: 06-Jul-2011 13:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18203.d
 Lab Smp Id: LCS 460-78748/2-A
 Inj Date : 06-JUL-2011 12:41
 Operator : BNAMS 4
 Smp Info : LCS 460-78748/2-A
 Misc Info : LCS 460-78748/2-A
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/06jul11.b/8270C_08SP.m
 Meth Date : 06-Jul-2011 12:29 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 3 QC Sample: BS
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1
 Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.130	1.018	(0.323)	174416	17.6290	1200
19 N-Nitrosodimethylamine	74	1.306	1.207	(0.374)	437427	35.5718	2400(H)
71 Pyridine	79	1.330	1.224	(0.381)	598770	26.1407	1700
\$ 16 2-Fluorophenol (SUR)	112	2.295	2.248	(0.657)	1375811	70.9295	4700
110 Benzaldehyde	77	3.048	3.036	(0.872)	315046	40.3793	2700
73 Aniline	93	3.165	3.153	(0.906)	749492	24.7910	1600
\$ 17 Phenol-d5 (SUR)	99	3.177	3.159	(0.909)	1675470	72.7706	4800
1 Phenol	94	3.189	3.177	(0.912)	1795813	67.8577	4500
20 bis(2-Chloroethyl)ether	93	3.248	3.236	(0.929)	776017	36.6321	2400
2 2-Chlorophenol	128	3.289	3.277	(0.941)	1516404	70.6897	4700
113 n-decane	43	3.359	3.353	(0.961)	744553	29.1035	1900
21 1,3-Dichlorobenzene	146	3.436	3.430	(0.983)	826340	33.5887	2200
* 79 1,4-Dichlorobenzene-d4	152	3.495	3.489	(1.000)	622903	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18203.d
Report Date: 06-Jul-2011 13:23

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.506	3.506	(1.003)	828294	33.6304	2200
23 1,2-Dichlorobenzene	146	3.659	3.659	(1.047)	775904	34.4990	2300
74 Benzyl Alcohol	108	3.659	3.653	(1.047)	462621	41.4078	2800
24 bis (2-chloroisopropyl) ether	45	3.795	3.795	(1.086)	916067	33.5856	2200
3 2-Methylphenol	108	3.795	3.800	(1.086)	1225342	73.2246	4900
104 Acetophenone	105	3.924	3.924	(1.123)	928733	35.3305	2400
25 N-Nitroso-di-n-propylamine	70	3.942	3.936	(1.128)	513966	40.5353	2700
26 Hexachloroethane	117	4.000	4.006	(1.145)	348733	33.4322	2200
4 4-Methylphenol	108	3.965	3.959	(1.135)	1176765	65.1764	4300
123 3 & 4 Methylphenol	108	3.965	3.959	(1.135)	1176765	64.4660	4300
\$ 76 Nitrobenzene-d5 (SUR)	82	4.065	4.065	(0.848)	813903	36.9141	2400
27 Nitrobenzene	77	4.089	4.089	(0.853)	1057222	34.6900	2300
107 N,N-Dimethylaniline	120	4.095	4.095	(1.172)	1016001	34.6276	2300
28 Isophorone	82	4.353	4.336	(0.908)	1227429	37.8836	2500
5 2-Nitrophenol	139	4.418	4.412	(0.921)	735285	75.6881	5000
6 2,4-Dimethylphenol	122	4.506	4.500	(0.940)	1171951	73.7496	4900
29 bis(2-Chloroethoxy)methane	93	4.589	4.583	(0.957)	808202	38.8952	2600
7 2,4-Dichlorophenol	162	4.677	4.671	(0.975)	971859	72.1973	4800
30 1,2,4-Trichlorobenzene	180	4.742	4.742	(0.989)	594196	35.8776	2400
15 Benzoic Acid	122	4.647	4.671	(0.969)	109865	15.9305	1000
* 80 Naphthalene-d8	136	4.794	4.789	(1.000)	2113803	40.0000	
31 Naphthalene	128	4.812	4.812	(1.004)	2107009	35.9288	2400
32 4-Chloroaniline	127	4.889	4.889	(1.020)	484174	24.4097	1600
33 Hexachlorobutadiene	225	4.959	4.959	(1.034)	334067	35.6377	2400
111 Caprolactam	113	5.283	5.259	(1.102)	145572	42.5895	2800
8 4-Chloro-3-methylphenol	107	5.424	5.418	(1.131)	1030395	77.8782	5200
34 2-Methylnaphthalene	142	5.512	5.512	(1.150)	1215740	37.2945	2500
120 1-Methylnaphthalene	142	5.606	5.612	(1.169)	11238	0.34149	23(a)
129 1,2,4,5-Tetrachlorobenzene	216	5.689	5.689	(0.870)	535404	35.6669	2400
35 Hexachlorocyclopentadiene	237	5.689	5.689	(0.870)	237367	30.7880	2000
9 2,4,6-Trichlorophenol	196	5.818	5.818	(0.889)	606071	71.6408	4800
10 2,4,5-Trichlorophenol	196	5.859	5.853	(0.896)	633252	75.6741	5000
\$ 77 2-Fluorobiphenyl (SUR)	172	5.894	5.894	(0.901)	1232603	36.8462	2400
36 2-Chloronaphthalene	162	5.994	5.994	(0.916)	1022207	36.0586	2400
102 Diphenyl	154	5.989	5.989	(0.915)	1415877	36.8229	2400
103 Diphenyl Ether	170	6.094	6.094	(0.932)	731896	36.4672	2400
37 2-Nitroaniline	65	6.112	6.112	(0.934)	360726	38.7829	2600
125 1,3-Dimethylnaphthalene	156	6.206	6.218	(0.949)	60	0.00251	0.17(a)
38 Dimethylphthalate	163	6.318	6.312	(0.966)	1032443	39.8052	2600
40 2,6-Dinitrotoluene	165	6.365	6.365	(0.973)	236856	41.8661	2800
39 Acenaphthylene	152	6.394	6.394	(0.978)	1560924	36.8157	2400
* 82 Acenaphthene-d10	164	6.541	6.542	(1.000)	956874	40.0000	
41 3-Nitroaniline	138	6.524	6.524	(0.997)	185820	32.0460	2100
42 Acenaphthene	154	6.571	6.571	(1.004)	967193	37.9561	2500
122 2,6-Di-tert-butyl-p-cresol	205	6.883	6.600	(1.052)	4287	0.17412	12(a)
11 2,4-Dinitrophenol	184	6.630	6.630	(1.013)	29180	11.8281	790(a)
43 Dibenzofuran	168	6.741	6.741	(1.031)	1337770	38.2715	2500

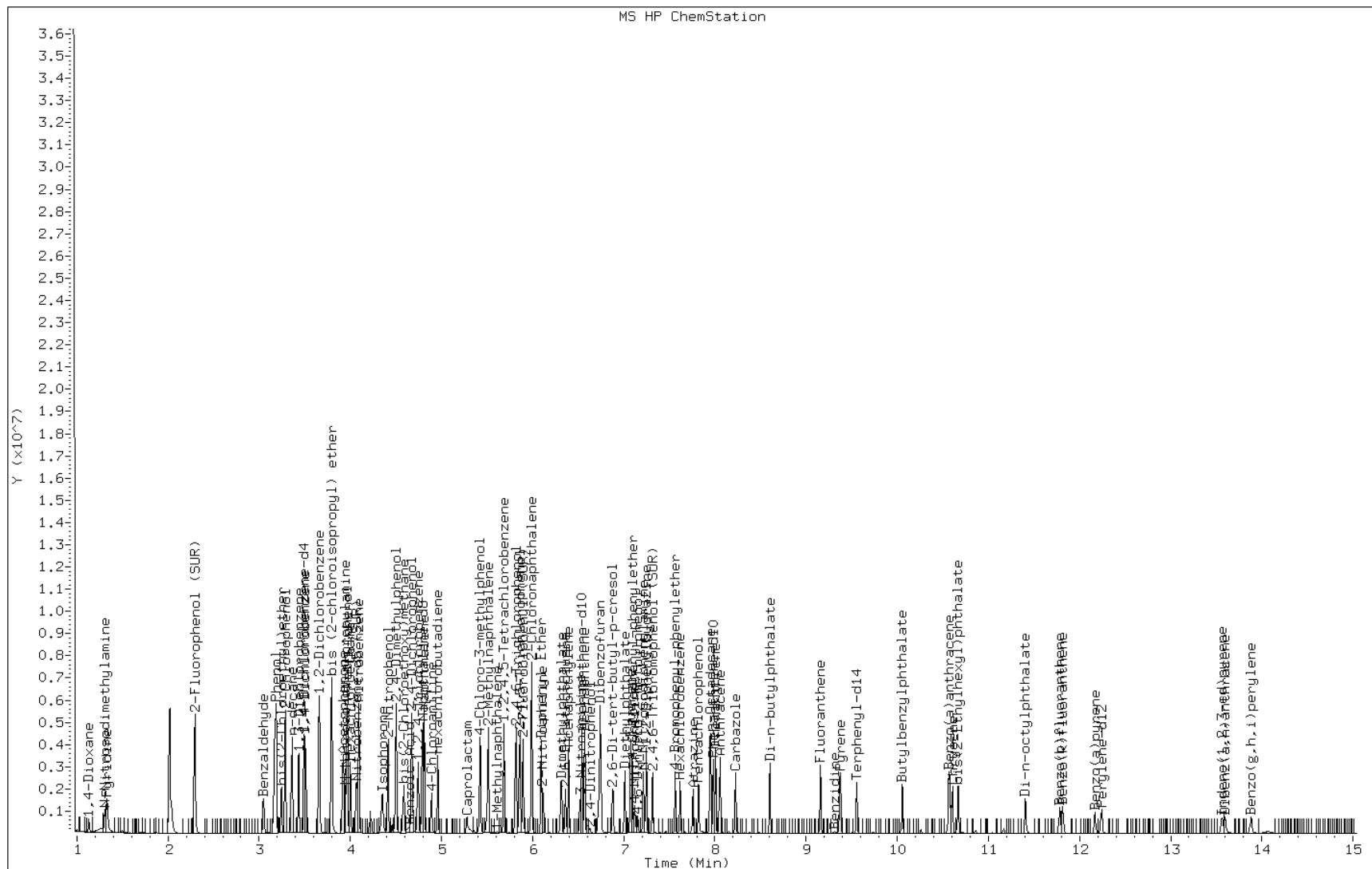
Data File: /chem/BNAMS11.i/8270/07-05-11/06jul11.b/z18203.d
Report Date: 06-Jul-2011 13:23

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	=====
12 4-Nitrophenol	65		6.736	6.730	(1.030)	424195	87.4777	5800
44 2,4-Dinitrotoluene	165		6.753	6.759	(1.032)	294097	41.0405	2700
130 2,3,4,6-Tetrachlorophenol	232		6.883	6.883	(1.052)	202632	38.6406	2600
45 Diethylphthalate	149		7.012	7.012	(1.072)	1028440	41.4343	2800
47 Fluorene	166		7.077	7.077	(1.082)	1092207	39.4601	2600
46 4-Chlorophenyl-phenylether	204		7.094	7.094	(1.085)	496971	39.0505	2600
48 4-Nitroaniline	138		7.124	7.118	(1.089)	198077	45.1400	3000
13 4,6-Dinitro-2-methylphenol	198		7.153	7.153	(0.896)	91727	26.6669	1800
49 N-Nitrosodiphenylamine	169		7.218	7.212	(0.904)	731187	41.9076	2800
75 1,2-Diphenylhydrazine	77		7.247	7.247	(0.908)	1324771	37.4047	2500
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.318	7.312	(1.119)	270625	84.2041	5600
50 4-Bromophenyl-phenylether	248		7.565	7.565	(0.948)	245821	38.5276	2600
51 Hexachlorobenzene	284		7.618	7.618	(0.954)	259789	38.5456	2600
112 Atrazine	200		7.759	7.759	(0.972)	192716	33.9496	2200
14 Pentachlorophenol	266		7.824	7.818	(0.980)	233431	74.1278	4900
* 83 Phenanthrene-d10	188		7.982	7.983	(1.000)	1186296	40.0000	
52 Phenanthrene	178		8.006	8.006	(1.003)	1304377	39.3466	2600
115 n-Octadecane	57		7.953	7.947	(0.996)	889135	38.0470	2500
53 Anthracene	178		8.053	8.053	(1.009)	1286258	38.6776	2600
54 Carbazole	167		8.224	8.224	(1.030)	1070386	40.5941	2700
55 Di-n-butylphthalate	149		8.606	8.606	(1.078)	1414919	41.6579	2800
56 Fluoranthene	202		9.159	9.159	(1.147)	1127410	41.2237	2700
58 Benzidine	184		9.318	9.312	(1.167)	34501	10.0395	670
57 Pyrene	202		9.377	9.371	(0.887)	1096189	39.6986	2600
\$ 78 Terphenyl-d14	244		9.559	9.553	(0.904)	670857	40.9921	2700
59 Butylbenzylphthalate	149		10.053	10.053	(0.950)	475907	41.8683	2800
61 Benzo(a)anthracene	228		10.565	10.565	(0.999)	719493	38.4339	2600
* 81 Chrysene-d12	240		10.576	10.577	(1.000)	687408	40.0000	
60 3,3'-Dichlorobenzidine	252		10.565	10.559	(0.999)	178198	34.9091	2300
62 Chrysene	228		10.606	10.600	(1.003)	697917	40.2647	2700
63 bis(2-Ethylhexyl)phthalate	149		10.671	10.665	(1.009)	631059	42.2620	2800
64 Di-n-octylphthalate	149		11.406	11.406	(0.932)	883843	41.8521	2800
65 Benzo(b)fluoranthene	252		11.782	11.782	(0.963)	570159	40.6173	2700
66 Benzo(k)fluoranthene	252		11.818	11.812	(0.965)	580178	40.0477	2700
67 Benzo(a)pyrene	252		12.170	12.171	(0.994)	435988	40.0670	2700
* 84 Perylene-d12	264		12.241	12.241	(1.000)	497786	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		13.564	13.565	(1.108)	410699	41.1894	2700
69 Dibenz(a,h)anthracene	278		13.600	13.600	(1.111)	426095	42.5300	2800
70 Benzo(g,h,i)perylene	276		13.882	13.882	(1.134)	429774	40.4271	2700

QC Flag Legend

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

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-78746/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>x16293.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2011 07:45</u>
Sample wt/vol: <u>1000(mL)</u>	Date Analyzed: <u>07/06/2011 12:20</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>79096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	21.1		10	0.89
95-57-8	2-Chlorophenol	64.3		10	2.6
95-48-7	2-Methylphenol	47.3		10	1.7
106-44-5	4-Methylphenol	35.1		10	1.6
88-75-5	2-Nitrophenol	78.5		10	3.4
105-67-9	2,4-Dimethylphenol	68.2		10	2.5
120-83-2	2,4-Dichlorophenol	76.7		10	2.8
59-50-7	4-Chloro-3-methylphenol	68.4		10	2.0
88-06-2	2,4,6-Trichlorophenol	83.6		10	3.2
95-95-4	2,4,5-Trichlorophenol	81.7		10	2.5
51-28-5	2,4-Dinitrophenol	64.4		30	4.8
100-02-7	4-Nitrophenol	26.5	J	30	2.3
534-52-1	4,6-Dinitro-2-methylphenol	80.9		30	5.2
87-86-5	Pentachlorophenol	84.9		30	5.1
111-44-4	Bis(2-chloroethyl)ether	87.3		1.0	0.41
541-73-1	1,3-Dichlorobenzene	78.2		10	3.8
106-46-7	1,4-Dichlorobenzene	79.6		10	4.6
95-50-1	1,2-Dichlorobenzene	83.9		10	3.7
621-64-7	N-Nitrosodi-n-propylamine	83.8		1.0	0.32
67-72-1	Hexachloroethane	78.5		1.0	0.50
98-95-3	Nitrobenzene	79.7		1.0	0.41
78-59-1	Isophorone	69.2		10	3.6
111-91-1	Bis(2-chloroethoxy)methane	80.5		10	3.5
120-82-1	1,2,4-Trichlorobenzene	79.1		1.0	0.52
91-20-3	Naphthalene	80.6		10	3.7
106-47-8	4-Chloroaniline	75.1		10	2.1
87-68-3	Hexachlorobutadiene	81.5		2.0	0.94
91-57-6	2-Methylnaphthalene	78.3		10	3.1
77-47-4	Hexachlorocyclopentadiene	82.8		10	4.6
91-58-7	2-Chloronaphthalene	92.3		10	3.8
88-74-4	2-Nitroaniline	86.0		20	5.7
131-11-3	Dimethyl phthalate	85.3		10	3.3
208-96-8	Acenaphthylene	79.1		10	4.0
606-20-2	2,6-Dinitrotoluene	84.9		2.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-78746/3-A
 Matrix: Water Lab File ID: x16293.d
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
 Sample wt/vol: 1000(mL) Date Analyzed: 07/06/2011 12:20
 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.: 79096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	78.8		20	4.3
83-32-9	Acenaphthene	102		10	3.8
132-64-9	Dibenzofuran	89.7		10	3.6
121-14-2	2,4-Dinitrotoluene	83.4		2.0	0.43
84-66-2	Diethyl phthalate	83.0		10	3.8
7005-72-3	4-Chlorophenyl phenyl ether	91.8		10	3.9
86-73-7	Fluorene	86.7		10	3.3
100-01-6	4-Nitroaniline	78.2		20	4.0
86-30-6	N-Nitrosodiphenylamine	92.1		10	3.9
101-55-3	4-Bromophenyl phenyl ether	88.1		10	3.9
118-74-1	Hexachlorobenzene	84.3		1.0	0.27
85-01-8	Phenanthrene	85.6		10	3.6
120-12-7	Anthracene	85.5		10	3.6
86-74-8	Carbazole	86.3		10	3.1
84-74-2	Di-n-butyl phthalate	84.7		10	2.8
206-44-0	Fluoranthene	86.6		10	2.6
129-00-0	Pyrene	83.7		10	4.3
85-68-7	Butyl benzyl phthalate	82.8		10	2.8
91-94-1	3,3'-Dichlorobenzidine	92.0		20	7.0
56-55-3	Benzo[a]anthracene	83.7		1.0	0.27
218-01-9	Chrysene	94.4		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	82.0		10	2.4
117-84-0	Di-n-octyl phthalate	68.4		10	1.9
205-99-2	Benzo[b]fluoranthene	81.6		1.0	0.21
207-08-9	Benzo[k]fluoranthene	93.4		1.0	0.30
50-32-8	Benzo[a]pyrene	85.5		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	87.4		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	95.2		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	101		10	2.7
108-60-1	bis (2-chloroisopropyl) ether	78.8		10	3.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-78746/3-A
Matrix: Water Lab File ID: x16293.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 07/04/2011 07:45
Sample wt/vol: 1000 (mL) Date Analyzed: 07/06/2011 12:20
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.: 79096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		56-112
4165-62-2	Phenol-d5	17		10-48
1718-51-0	Terphenyl-d14	83		50-122
118-79-6	2,4,6-Tribromophenol	81		46-122
367-12-4	2-Fluorophenol	33		10-65
321-60-8	2-Fluorobiphenyl	91		53-108

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16293.d
 Report Date: 07-Jul-2011 15:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16293.d
 Lab Smp Id: LCSD 460-78746/3-A
 Inj Date : 06-JUL-2011 12:20
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : LCSD 460-78746/3-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS5.i/8270/06-29-11/06jul11.b/8270C_08SP.m
 Meth Date : 07-Jul-2011 10:07 monica Quant Type: ISTD
 Cal Date : 29-JUN-2011 05:17 Cal File: x16109.d
 Als bottle: 8 QC Sample: LCSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-h20.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	1.453	1.470	(0.356)	126728	20.2355	40	
19 N-Nitrosodimethylamine	74	1.664	1.682	(0.408)	160964	18.8325	38	
71 Pyridine	79	1.700	1.711	(0.417)	262115	19.9876	40	
\$ 16 2-Fluorophenol (SUR)	112	2.811	2.805	(0.690)	223937	16.5688	33	
110 Benzaldehyde	77	3.629	3.635	(0.890)	389424	61.0928	120	
\$ 17 Phenol-d5 (SUR)	99	3.735	3.746	(0.916)	155180	8.54825	17	
1 Phenol	94	3.747	3.758	(0.919)	209080	10.5492	21	
73 Aniline	93	3.747	3.752	(0.919)	453333	26.3855	53	
20 bis(2-Chloroethyl)ether	93	3.805	3.817	(0.934)	613226	43.6750	87	
2 2-Chlorophenol	128	3.870	3.882	(0.949)	472387	32.1643	64	
113 n-decane	43	3.929	3.929	(0.964)	589031	41.1472	82	
21 1,3-Dichlorobenzene	146	4.017	4.023	(0.986)	642814	39.1074	78	
* 79 1,4-Dichlorobenzene-d4	152	4.076	4.076	(1.000)	399053	40.0000		
22 1,4-Dichlorobenzene	146	4.094	4.093	(1.004)	641202	39.8081	80	
74 Benzyl Alcohol	108	4.223	4.235	(1.036)	247794	30.0719	60	

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16293.d
Report Date: 07-Jul-2011 15:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.247	4.246	(1.042)	604323	41.9627	84
3 2-Methylphenol	108	4.358	4.370	(1.069)	294602	23.6634	47
24 bis (2-chloroisopropyl) ether	45	4.358	4.358	(1.069)	696904	39.4227	79
104 Acetophenone	105	4.488	4.499	(1.101)	676387	42.8800	86
4 4-Methylphenol	108	4.511	4.523	(1.107)	265027	17.5545	35
123 3 & 4 Methylphenol	108	4.511	4.523	(1.107)	269064	17.3537	35
25 N-Nitroso-di-n-propylamine	70	4.494	4.505	(1.102)	350999	41.9177	84
26 Hexachloroethane	117	4.588	4.588	(1.126)	244183	39.2701	78
\$ 76 Nitrobenzene-d5 (SUR)	82	4.635	4.646	(0.864)	565529	42.3770	85
27 Nitrobenzene	77	4.658	4.670	(0.868)	686367	39.8356	80
107 N,N-Dimethylaniline	120	4.664	4.670	(1.144)	638643	35.9865	72
28 Isophorone	82	4.899	4.905	(0.913)	788694	34.6001	69
5 2-Nitrophenol	139	4.982	4.982	(0.929)	277815	39.2509	78
6 2,4-Dimethylphenol	122	5.046	5.052	(0.941)	368498	34.1058	68
29 bis(2-Chloroethoxy)methane	93	5.129	5.135	(0.956)	584952	40.2483	80
15 Benzoic Acid	122	5.152	5.211	(0.961)	11018	3.00149	6.0(aRH)
7 2,4-Dichlorophenol	162	5.241	5.240	(0.977)	367233	38.3481	77
30 1,2,4-Trichlorobenzene	180	5.311	5.311	(0.990)	438194	39.5336	79
* 80 Naphthalene-d8	136	5.364	5.364	(1.000)	1359372	40.0000	
31 Naphthalene	128	5.382	5.387	(1.003)	1455397	40.2934	80
32 4-Chloroaniline	127	5.446	5.452	(1.015)	490994	37.5387	75
33 Hexachlorobutadiene	225	5.523	5.523	(1.030)	261020	40.7690	82
111 Caprolactam	113	5.799	5.829	(1.081)	16432	5.18138	10
8 4-Chloro-3-methylphenol	107	5.964	5.970	(1.112)	308821	34.1974	68
34 2-Methylnaphthalene	142	6.082	6.082	(1.134)	867131	39.1580	78
120 1-Methylnaphthalene	142	6.176	6.182	(1.151)	9406	0.38680	0.77(a)
35 Hexachlorocyclopentadiene	237	6.246	6.252	(0.878)	174986	41.4228	83
129 1,2,4,5-Tetrachlorobenzene	216	6.252	6.258	(0.879)	369169	49.3115	99
9 2,4,6-Trichlorophenol	196	6.376	6.376	(0.897)	230258	41.7768	84(H)
10 2,4,5-Trichlorophenol	196	6.417	6.429	(0.902)	226879	40.8584	82
\$ 77 2-Fluorobiphenyl (SUR)	172	6.452	6.458	(0.907)	872196	45.7361	91
102 Diphenyl	154	6.546	6.552	(0.921)	980652	47.0896	94
36 2-Chloronaphthalene	162	6.564	6.570	(0.923)	750173	46.1654	92
103 Diphenyl Ether	170	6.652	6.658	(0.935)	536412	42.2830	84
37 2-Nitroaniline	65	6.676	6.682	(0.939)	237913	42.9982	86
38 Dimethylphthalate	163	6.858	6.864	(0.964)	755024	42.6274	85
40 2,6-Dinitrotoluene	165	6.917	6.917	(0.973)	175053	42.4386	85
39 Acenaphthylene	152	6.970	6.976	(0.980)	1091878	39.5414	79
41 3-Nitroaniline	138	7.082	7.087	(0.996)	183024	39.3807	79
* 82 Acenaphthene-d10	164	7.111	7.117	(1.000)	603659	40.0000	
42 Acenaphthene	154	7.146	7.152	(1.005)	669405	50.8286	100
11 2,4-Dinitrophenol	184	7.182	7.187	(1.010)	65502	32.2013	64
12 4-Nitrophenol	65	7.305	7.293	(1.027)	36992	13.2719	26(a)
44 2,4-Dinitrotoluene	165	7.311	7.317	(1.028)	204185	41.7214	83
43 Dibenzofuran	168	7.317	7.323	(1.029)	927772	44.8637	90
130 2,3,4,6-Tetrachlorophenol	232	7.452	7.452	(1.048)	175843	40.1442	80
45 Diethylphthalate	149	7.558	7.564	(1.063)	714544	41.4850	83

Data File: /chem/BNAMS5.i/8270/06-29-11/06jul11.b/x16293.d
Report Date: 07-Jul-2011 15:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
46 4-Chlorophenyl-phenylether	204	7.658	7.664	(1.077)	329245	45.8784	92
47 Fluorene	166	7.652	7.658	(1.076)	704031	43.3566	87
48 4-Nitroaniline	138	7.688	7.693	(1.081)	150965	39.0780	78
13 4,6-Dinitro-2-methylphenol	198	7.711	7.717	(0.899)	99990	40.4673	81
49 N-Nitrosodiphenylamine	169	7.776	7.781	(0.907)	523932	46.0449	92
75 1,2-Diphenylhydrazine	77	7.817	7.817	(0.912)	877377	44.5739	89
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.893	7.899	(1.110)	110361	40.3909	81
50 4-Bromophenyl-phenylether	248	8.135	8.140	(0.949)	205018	44.0307	88
51 Hexachlorobenzene	284	8.205	8.205	(0.957)	220676	42.1685	84
112 Atrazine	200	8.311	8.317	(0.969)	103482	27.3156	55(R)
14 Pentachlorophenol	266	8.399	8.405	(0.979)	109526	42.4648	85
115 n-Octadecane	57	8.493	8.493	(0.990)	570323	48.0379	96
* 83 Phenanthrene-d10	188	8.576	8.576	(1.000)	748324	40.0000	
52 Phenanthrene	178	8.593	8.599	(1.002)	895596	42.7811	86
53 Anthracene	178	8.646	8.646	(1.008)	890891	42.7268	85
54 Carbazole	167	8.811	8.811	(1.027)	757579	43.1322	86
55 Di-n-butylphthalate	149	9.164	9.164	(1.069)	959007	42.3653	85
56 Fluoranthene	202	9.764	9.764	(1.139)	779961	43.2970	86
58 Benzidine	184	9.905	9.917	(1.155)	58692	20.2649	40
57 Pyrene	202	9.987	9.987	(0.885)	768599	41.8632	84
\$ 78 Terphenyl-d14	244	10.146	10.146	(0.899)	555946	41.6698	83
59 Butylbenzylphthalate	149	10.658	10.658	(0.945)	320706	41.3936	83
60 3,3'-Dichlorobenzidine	252	11.252	11.252	(0.997)	191211	45.9806	92
61 Benzo(a)anthracene	228	11.270	11.269	(0.999)	581795	41.8419	84
* 81 Chrysene-d12	240	11.281	11.281	(1.000)	509006	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.328	11.328	(1.004)	415980	40.9901	82
62 Chrysene	228	11.311	11.311	(1.003)	604205	47.1930	94
64 Di-n-octylphthalate	149	12.152	12.152	(0.926)	561602	34.2084	68
65 Benzo(b)fluoranthene	252	12.622	12.628	(0.961)	472523	40.7821	82
66 Benzo(k)fluoranthene	252	12.658	12.663	(0.964)	578756	46.7007	93
67 Benzo(a)pyrene	252	13.052	13.052	(0.994)	397021	42.7695	86
* 84 Perylene-d12	264	13.128	13.128	(1.000)	410610	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.564	14.563	(1.109)	368226	43.6864	87
69 Dibenz(a,h)anthracene	278	14.593	14.599	(1.112)	400343	47.6075	95
70 Benzo(g,h,i)perylene	276	14.940	14.940	(1.138)	412741	50.3134	100

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x16293.d

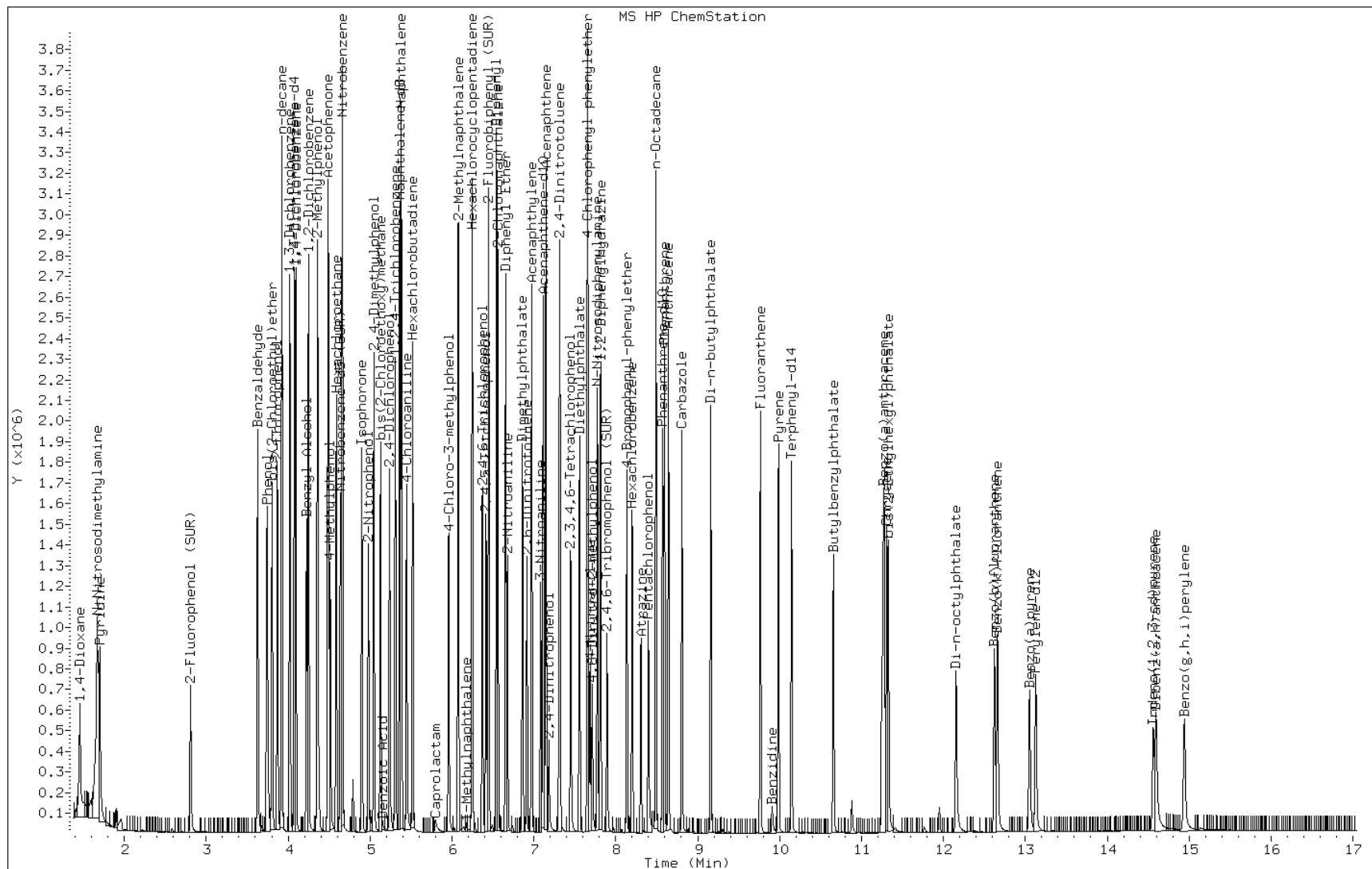
Date: 06-JUL-2011 12:20

Client ID:

Instrument: BNAMS5.i

Sample Info: LCSD 460-78746/3-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-27964-A-1-B MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18182.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/21/2011 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>07/05/2011 15:49</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5610		380	47
95-57-8	2-Chlorophenol	5860		380	52
95-48-7	2-Methylphenol	6110		380	56
106-44-5	4-Methylphenol	5420		380	63
88-75-5	2-Nitrophenol	5240		380	63
105-67-9	2,4-Dimethylphenol	6030		380	62
120-83-2	2,4-Dichlorophenol	5800		380	62
59-50-7	4-Chloro-3-methylphenol	6370		380	65
88-06-2	2,4,6-Trichlorophenol	4260		380	69
95-95-4	2,4,5-Trichlorophenol	5370		380	74
51-28-5	2,4-Dinitrophenol	1200	U	1200	82
100-02-7	4-Nitrophenol	4120		1200	99
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
87-86-5	Pentachlorophenol	1530		1200	190
111-44-4	Bis(2-chloroethyl) ether	2860		38	8.0
541-73-1	1,3-Dichlorobenzene	2350		380	53
106-46-7	1,4-Dichlorobenzene	2380		380	58
95-50-1	1,2-Dichlorobenzene	2480		380	62
621-64-7	N-Nitrosodi-n-propylamine	3430		38	5.1
67-72-1	Hexachloroethane	2400		38	6.5
98-95-3	Nitrobenzene	2780		38	8.6
78-59-1	Isophorone	3170		380	44
111-91-1	Bis(2-chloroethoxy)methane	3170		380	55
120-82-1	1,2,4-Trichlorobenzene	2740		38	6.3
91-20-3	Naphthalene	2790		380	56
106-47-8	4-Chloroaniline	2620		380	49
87-68-3	Hexachlorobutadiene	2680		78	16
91-57-6	2-Methylnaphthalene	2970		380	56
77-47-4	Hexachlorocyclopentadiene	2560		380	110
91-58-7	2-Chloronaphthalene	3000		380	54
88-74-4	2-Nitroaniline	3900		780	110
131-11-3	Dimethyl phthalate	3310		380	52
208-96-8	Acenaphthylene	3060		380	55
606-20-2	2,6-Dinitrotoluene	3450		78	9.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-27964-A-1-B MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18182.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/21/2011 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>07/05/2011 15:49</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	3080		780	87
83-32-9	Acenaphthene	3150		380	55
132-64-9	Dibenzofuran	3160		380	58
121-14-2	2,4-Dinitrotoluene	3310		78	11
84-66-2	Diethyl phthalate	3330		380	52
7005-72-3	4-Chlorophenyl phenyl ether	3240		380	66
86-73-7	Fluorene	3260		380	65
100-01-6	4-Nitroaniline	3050		780	80
86-30-6	N-Nitrosodiphenylamine	3550		380	63
101-55-3	4-Bromophenyl phenyl ether	3280		380	69
118-74-1	Hexachlorobenzene	3300		38	5.4
85-01-8	Phenanthrene	3310		380	67
120-12-7	Anthracene	3210		380	68
86-74-8	Carbazole	3380		380	61
84-74-2	Di-n-butyl phthalate	3300		380	59
206-44-0	Fluoranthene	3280		380	64
129-00-0	Pyrene	3350		380	67
85-68-7	Butyl benzyl phthalate	3340		380	45
91-94-1	3,3'-Dichlorobenzidine	3180		780	85
56-55-3	Benzo[a]anthracene	3230		38	7.1
218-01-9	Chrysene	3340		380	56
117-81-7	Bis(2-ethylhexyl) phthalate	3500		380	51
117-84-0	Di-n-octyl phthalate	3180		380	46
205-99-2	Benzo[b]fluoranthene	3310		38	5.7
207-08-9	Benzo[k]fluoranthene	3140		38	5.4
50-32-8	Benzo[a]pyrene	3330		38	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	3480		38	6.2
53-70-3	Dibenz(a,h)anthracene	3640		38	4.6
191-24-2	Benzo[g,h,i]perylene	3550		380	41
108-60-1	bis (2-chloroisopropyl) ether	2560		380	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-27964-A-1-B MS
Matrix: Solid Lab File ID: z18182.d
Analysis Method: 8270C Date Collected: 06/21/2011 00:00
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.00(g) Date Analyzed: 07/05/2011 15:49
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 14.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	57		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	80		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18182.d
 Report Date: 06-Jul-2011 12:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18182.d
 Lab Smp Id: 460-27964-A-1-B MS Client Smp ID: A
 Inj Date : 05-JUL-2011 15:49
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-27964-A-1-B MS
 Misc Info : 460-27964-A-1-B MS
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 14 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	14.26056	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====
106 1,4-Dioxane	88	1.147	1.052	(0.326)	147862	16.3701	1300(H)
19 N-Nitrosodimethylamine	74	1.323	1.241	(0.376)	419826	37.3958	2900(H)
71 Pyridine	79	1.341	1.264	(0.381)	537353	25.6963	2000
\$ 16 2-Fluorophenol (SUR)	112	2.335	2.276	(0.664)	1360670	76.8378	6000
110 Benzaldehyde	77	3.076	3.052	(0.875)	81856	11.4918	890
73 Aniline	93	3.188	3.170	(0.906)	757819	27.4566	2100
\$ 17 Phenol-d5 (SUR)	99	3.200	3.170	(0.910)	1664747	79.1994	6200
1 Phenol	94	3.217	3.188	(0.915)	1744366	72.1987	5600
20 bis(2-Chloroethyl)ether	93	3.270	3.246	(0.930)	710770	36.7514	2800
2 2-Chlorophenol	128	3.317	3.294	(0.943)	1475157	75.3240	5800
113 n-decane	43	3.376	3.370	(0.960)	567113	24.2814	1900
21 1,3-Dichlorobenzene	146	3.458	3.446	(0.983)	678831	30.2239	2400
* 79 1,4-Dichlorobenzene-d4	152	3.517	3.505	(1.000)	568678	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18182.d
Report Date: 06-Jul-2011 12:47

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.529	3.523	(1.003)	688003	30.5979	2400
23 1,2-Dichlorobenzene	146	3.682	3.676	(1.047)	656205	31.9589	2500
74 Benzyl Alcohol	108	3.682	3.670	(1.047)	456147	44.7214	3500
24 bis (2-chloroisopropyl) ether	45	3.811	3.811	(1.084)	820810	32.9627	2600
3 2-Methylphenol	108	3.817	3.811	(1.085)	1199737	78.5308	6100
104 Acetophenone	105	3.941	3.929	(1.120)	904408	37.6857	2900
25 N-Nitroso-di-n-propylamine	70	3.958	3.946	(1.125)	511279	44.1683	3400
26 Hexachloroethane	117	4.023	4.023	(1.144)	293930	30.8653	2400
4 4-Methylphenol	108	3.988	3.970	(1.134)	1149398	69.7309	5400
123 3 & 4 Methylphenol	108	3.988	3.970	(1.134)	1149398	68.9708	5400
\$ 76 Nitrobenzene-d5 (SUR)	82	4.088	4.076	(0.850)	800165	39.5069	3100
27 Nitrobenzene	77	4.111	4.099	(0.854)	1002719	35.8172	2800
107 N,N-Dimethylaniline	120	4.117	4.105	(1.171)	943538	35.2243	2700
28 Isophorone	82	4.364	4.346	(0.907)	1213568	40.7749	3200
5 2-Nitrophenol	139	4.435	4.429	(0.922)	601324	67.3835	5200
6 2,4-Dimethylphenol	122	4.523	4.511	(0.940)	1131387	77.5059	6000
29 bis(2-Chloroethoxy)methane	93	4.599	4.593	(0.956)	777418	40.7290	3200
7 2,4-Dichlorophenol	162	4.694	4.688	(0.976)	922090	74.5700	5800
30 1,2,4-Trichlorobenzene	180	4.758	4.758	(0.989)	535969	35.2295	2700
* 80 Naphthalene-d8	136	4.811	4.805	(1.000)	1941740	40.0000	
31 Naphthalene	128	4.829	4.829	(1.004)	1929768	35.8224	2800
32 4-Chloroaniline	127	4.905	4.905	(1.020)	613628	33.6775	2600
33 Hexachlorobutadiene	225	4.976	4.976	(1.034)	296702	34.4564	2700
111 Caprolactam	113	5.282	5.235	(1.098)	125192	39.8727	3100(H)
8 4-Chloro-3-methylphenol	107	5.441	5.429	(1.131)	995481	81.9065	6400
34 2-Methylnaphthalene	142	5.529	5.529	(1.149)	1144590	38.2233	3000
120 1-Methylnaphthalene	142	5.623	5.623	(1.169)	11335	0.37496	29(a)
129 1,2,4,5-Tetrachlorobenzene	216	5.705	5.699	(0.870)	511936	37.8780	2900
35 Hexachlorocyclopentadiene	237	5.705	5.699	(0.870)	229328	32.8931	2600
9 2,4,6-Trichlorophenol	196	5.835	5.829	(0.890)	417464	54.8078	4300
10 2,4,5-Trichlorophenol	196	5.876	5.870	(0.896)	520150	69.0377	5400
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.901)	1200605	39.8618	3100
36 2-Chloronaphthalene	162	6.011	6.005	(0.917)	985682	38.6184	3000
102 Diphenyl	154	6.005	5.999	(0.916)	1370705	39.5934	3100
103 Diphenyl Ether	170	6.111	6.111	(0.932)	707824	39.1710	3000
37 2-Nitroaniline	65	6.129	6.129	(0.935)	419525	50.0965	3900
38 Dimethylphthalate	163	6.335	6.323	(0.966)	993150	42.5280	3300
40 2,6-Dinitrotoluene	165	6.382	6.376	(0.973)	226132	44.3943	3400
39 Acenaphthylene	152	6.417	6.411	(0.978)	1503631	39.3894	3100
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	861525	40.0000	
41 3-Nitroaniline	138	6.540	6.535	(0.997)	207129	39.6742	3100
42 Acenaphthene	154	6.588	6.587	(1.004)	929211	40.5013	3100
43 Dibenzofuran	168	6.758	6.758	(1.030)	1280480	40.6868	3200
12 4-Nitrophenol	65	6.752	6.746	(1.030)	231594	53.0452	4100
44 2,4-Dinitrotoluene	165	6.770	6.770	(1.032)	274369	42.5250	3300
130 2,3,4,6-Tetrachlorophenol	232	6.899	6.899	(1.052)	93087	19.7157	1500
128 2-Naphthylamine	143	6.899	6.911	(1.052)	3358	0.18852	15(a)

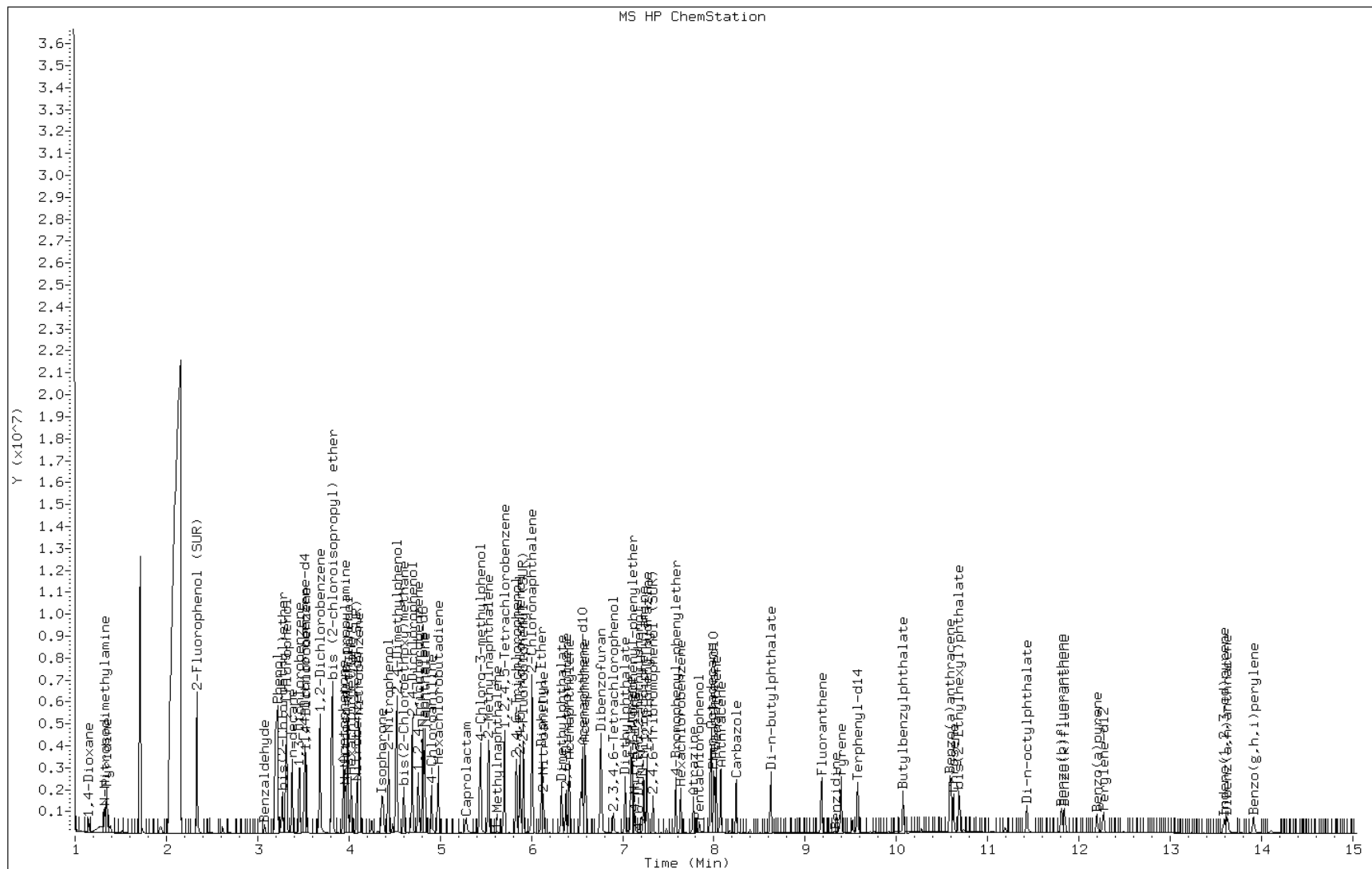
Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18182.d
 Report Date: 06-Jul-2011 12:47

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
45 Diethylphthalate	149	7.029	7.023	(1.072)	957300	42.8367	3300
47 Fluorene	166	7.093	7.087	(1.082)	1044792	41.9246	3200
46 4-Chlorophenyl-phenylether	204	7.111	7.105	(1.084)	476914	41.6219	3200
48 4-Nitroaniline	138	7.135	7.129	(1.088)	154801	39.1822	3000
13 4,6-Dinitro-2-methylphenol	198	7.176	7.164	(0.897)	2721	0.93340	72(aR)
49 N-Nitrosodiphenylamine	169	7.235	7.229	(0.904)	675166	45.6602	3600
75 1,2-Diphenylhydrazine	77	7.264	7.258	(0.908)	1256298	41.8544	3200
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.335	7.329	(1.118)	165331	57.1356	4400
50 4-Bromophenyl-phenylether	248	7.582	7.582	(0.948)	227940	42.1537	3300
51 Hexachlorobenzene	284	7.635	7.634	(0.954)	242337	42.4264	3300
112 Atrazine	200	7.776	7.770	(0.972)	173398	36.0432	2800
14 Pentachlorophenol	266	7.840	7.834	(0.980)	52444	19.6508	1500
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	1005381	40.0000	
52 Phenanthrene	178	8.023	8.017	(1.003)	1197754	42.6318	3300
115 n-Octadecane	57	7.964	7.964	(0.996)	840259	42.4256	3300
53 Anthracene	178	8.076	8.070	(1.010)	1163891	41.2958	3200
54 Carbazole	167	8.246	8.240	(1.031)	972510	43.5190	3400
55 Di-n-butylphthalate	149	8.623	8.617	(1.078)	1223346	42.4988	3300
56 Fluoranthene	202	9.181	9.175	(1.148)	978481	42.2163	3300
58 Benzidine	184	9.340	9.328	(1.168)	15908	5.46211	420
57 Pyrene	202	9.393	9.387	(0.886)	946828	43.0975	3400
\$ 78 Terphenyl-d14	244	9.576	9.570	(0.903)	580991	44.6201	3500
59 Butylbenzylphthalate	149	10.076	10.070	(0.951)	388982	43.0114	3300
61 Benzo(a)anthracene	228	10.587	10.587	(0.999)	619524	41.5945	3200
* 81 Chrysene-d12	240	10.599	10.593	(1.000)	546920	40.0000	
60 3,3'-Dichlorobenzidine	252	10.587	10.581	(0.999)	165976	40.8669	3200
62 Chrysene	228	10.628	10.622	(1.003)	592841	42.9882	3300
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.008)	534769	45.0129	3500
64 Di-n-octylphthalate	149	11.428	11.428	(0.931)	751940	40.8733	3200
65 Benzo(b)fluoranthene	252	11.811	11.805	(0.963)	521017	42.6071	3300
66 Benzo(k)fluoranthene	252	11.840	11.834	(0.965)	509400	40.3637	3100
67 Benzo(a)pyrene	252	12.199	12.193	(0.994)	405810	42.8105	3300
* 84 Perylene-d12	264	12.270	12.264	(1.000)	433638	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.593	13.593	(1.108)	390897	44.6943	3500
69 Dibenz(a,h)anthracene	278	13.628	13.628	(1.111)	408395	46.7934	3600
70 Benzo(g,h,i)perylene	276	13.916	13.911	(1.134)	422550	45.6274	3500

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- H - Operator selected an alternate compound hit.

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-27964-A-1-C MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18183.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/21/2011 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>07/05/2011 16:11</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5280		380	47
95-57-8	2-Chlorophenol	5470		380	51
95-48-7	2-Methylphenol	5720		380	55
106-44-5	4-Methylphenol	5090		380	63
88-75-5	2-Nitrophenol	4980		380	63
105-67-9	2,4-Dimethylphenol	5830		380	62
120-83-2	2,4-Dichlorophenol	5520		380	62
59-50-7	4-Chloro-3-methylphenol	6010		380	65
88-06-2	2,4,6-Trichlorophenol	3860		380	69
95-95-4	2,4,5-Trichlorophenol	4970		380	74
51-28-5	2,4-Dinitrophenol	1200	U	1200	82
100-02-7	4-Nitrophenol	3740		1200	99
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
87-86-5	Pentachlorophenol	1440		1200	190
111-44-4	Bis(2-chloroethyl)ether	2730		38	8.0
541-73-1	1,3-Dichlorobenzene	2240		380	53
106-46-7	1,4-Dichlorobenzene	2290		380	58
95-50-1	1,2-Dichlorobenzene	2420		380	62
621-64-7	N-Nitrosodi-n-propylamine	3180		38	5.1
67-72-1	Hexachloroethane	2300		38	6.5
98-95-3	Nitrobenzene	2730		38	8.6
78-59-1	Isophorone	3060		380	44
111-91-1	Bis(2-chloroethoxy)methane	3090		380	55
120-82-1	1,2,4-Trichlorobenzene	2690		38	6.3
91-20-3	Naphthalene	2720		380	56
106-47-8	4-Chloroaniline	2480		380	48
87-68-3	Hexachlorobutadiene	2630		78	16
91-57-6	2-Methylnaphthalene	2890		380	56
77-47-4	Hexachlorocyclopentadiene	2520		380	110
91-58-7	2-Chloronaphthalene	2960		380	54
88-74-4	2-Nitroaniline	3740		780	110
131-11-3	Dimethyl phthalate	3130		380	52
208-96-8	Acenaphthylene	2940		380	55
606-20-2	2,6-Dinitrotoluene	3270		78	9.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-28327-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-27964-A-1-C MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z18183.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>06/21/2011 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>07/04/2011 10:00</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>07/05/2011 16:11</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>78970</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
99-09-2	3-Nitroaniline	2930		780	87
83-32-9	Acenaphthene	3070		380	55
132-64-9	Dibenzofuran	3050		380	58
121-14-2	2,4-Dinitrotoluene	3110		78	11
84-66-2	Diethyl phthalate	3160		380	52
7005-72-3	4-Chlorophenyl phenyl ether	3070		380	66
86-73-7	Fluorene	3080		380	65
100-01-6	4-Nitroaniline	2760		780	80
86-30-6	N-Nitrosodiphenylamine	3440		380	63
101-55-3	4-Bromophenyl phenyl ether	3270		380	69
118-74-1	Hexachlorobenzene	3260		38	5.3
85-01-8	Phenanthrene	3220		380	67
120-12-7	Anthracene	3180		380	68
86-74-8	Carbazole	3280		380	61
84-74-2	Di-n-butyl phthalate	3230		380	59
206-44-0	Fluoranthene	3220		380	64
129-00-0	Pyrene	3200		380	67
85-68-7	Butyl benzyl phthalate	3350		380	45
91-94-1	3,3'-Dichlorobenzidine	3040		780	85
56-55-3	Benzo[a]anthracene	3120		38	7.1
218-01-9	Chrysene	3320		380	56
117-81-7	Bis(2-ethylhexyl) phthalate	3500		380	51
117-84-0	Di-n-octyl phthalate	3110		380	46
205-99-2	Benzo[b]fluoranthene	3030		38	5.7
207-08-9	Benzo[k]fluoranthene	3300		38	5.4
50-32-8	Benzo[a]pyrene	3240		38	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	3390		38	6.2
53-70-3	Dibenz(a,h)anthracene	3510		38	4.6
191-24-2	Benzo[g,h,i]perylene	3460		380	41
108-60-1	bis (2-chloroisopropyl) ether	2470		380	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-27964-A-1-C MSD
Matrix: Solid Lab File ID: z18183.d
Analysis Method: 8270C Date Collected: 06/21/2011 00:00
Extract. Method: 3541 Date Extracted: 07/04/2011 10:00
Sample wt/vol: 15.02(g) Date Analyzed: 07/05/2011 16:11
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 14.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 78970 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	54		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18183.d
 Report Date: 06-Jul-2011 14:44

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18183.d
 Lab Smp Id: 460-27964-A-1-C MSD Client Smp ID: A
 Inj Date : 05-JUL-2011 16:11
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-27964-A-1-C MSD
 Misc Info : 460-27964-A-1-C MSD
 Comment :
 Method : /chem/BNAMS11.i/8270/07-05-11/05jul11.b/8270C_08SP.m
 Meth Date : 05-Jul-2011 13:27 croccom Quant Type: ISTD
 Cal Date : 05-JUL-2011 12:56 Cal File: z18175.d
 Als bottle: 15 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.26056	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.147	1.052	(0.327)	140176	15.3997	1200
19 N-Nitrosodimethylamine	74	1.323	1.241	(0.377)	404636	35.7652	2800(H)
71 Pyridine	79	1.341	1.264	(0.382)	528676	25.0867	1900
\$ 16 2-Fluorophenol (SUR)	112	2.335	2.276	(0.665)	1291989	72.3976	5600
110 Benzaldehyde	77	3.076	3.052	(0.876)	77337	10.7738	840
73 Aniline	93	3.188	3.170	(0.908)	711144	25.5671	2000
\$ 17 Phenol-d5 (SUR)	99	3.199	3.170	(0.911)	1562549	73.7649	5700
1 Phenol	94	3.217	3.188	(0.916)	1655730	68.0024	5300
20 bis(2-Chloroethyl)ether	93	3.270	3.246	(0.931)	684144	35.1023	2700
2 2-Chlorophenol	128	3.311	3.294	(0.943)	1389521	70.4050	5500
113 n-decane	43	3.376	3.370	(0.961)	569326	24.1884	1900
21 1,3-Dichlorobenzene	146	3.458	3.446	(0.985)	651843	28.7988	2200
* 79 1,4-Dichlorobenzene-d4	152	3.511	3.505	(1.000)	573091	40.0000	

Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18183.d
 Report Date: 06-Jul-2011 14:44

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.529	3.523	(1.005)	669211	29.5330	2300
23 1,2-Dichlorobenzene	146	3.682	3.676	(1.049)	645803	31.2101	2400
74 Benzyl Alcohol	108	3.676	3.670	(1.047)	425599	41.4051	3200
24 bis (2-chloroisopropyl) ether	45	3.811	3.811	(1.085)	798003	31.8000	2500
3 2-Methylphenol	108	3.817	3.811	(1.087)	1134216	73.6703	5700
104 Acetophenone	105	3.941	3.929	(1.122)	851201	35.1955	2700
25 N-Nitroso-di-n-propylamine	70	3.958	3.946	(1.127)	478479	41.0165	3200
26 Hexachloroethane	117	4.023	4.023	(1.146)	284452	29.6400	2300
4 4-Methylphenol	108	3.982	3.970	(1.134)	1088063	65.5016	5100
123 3 & 4 Methylphenol	108	3.982	3.970	(1.134)	1092045	65.0247	5000
\$ 76 Nitrobenzene-d5 (SUR)	82	4.088	4.076	(0.850)	753664	38.3353	3000
27 Nitrobenzene	77	4.111	4.099	(0.854)	955939	35.1779	2700
107 N,N-Dimethylaniline	120	4.117	4.105	(1.173)	890791	32.9990	2600
28 Isophorone	82	4.364	4.346	(0.907)	1140096	39.4637	3100
5 2-Nitrophenol	139	4.435	4.429	(0.922)	555851	64.1699	5000
6 2,4-Dimethylphenol	122	4.523	4.511	(0.940)	1064003	75.0921	5800
29 bis(2-Chloroethoxy)methane	93	4.605	4.593	(0.957)	737710	39.8165	3100
7 2,4-Dichlorophenol	162	4.693	4.688	(0.976)	852884	71.0573	5500
30 1,2,4-Trichlorobenzene	180	4.764	4.758	(0.990)	512326	34.6930	2700
* 80 Naphthalene-d8	136	4.811	4.805	(1.000)	1884791	40.0000	
31 Naphthalene	128	4.829	4.829	(1.004)	1831939	35.0339	2700
32 4-Chloroaniline	127	4.905	4.905	(1.020)	565226	31.9584	2500
33 Hexachlorobutadiene	225	4.976	4.976	(1.034)	283273	33.8908	2600
111 Caprolactam	113	5.276	5.235	(1.097)	111340	36.5324	2800(H)
8 4-Chloro-3-methylphenol	107	5.440	5.429	(1.131)	913426	77.4260	6000
34 2-Methylnaphthalene	142	5.529	5.529	(1.149)	1081103	37.1940	2900
120 1-Methylnaphthalene	142	5.623	5.623	(1.169)	10325	0.35187	27(a)
129 1,2,4,5-Tetrachlorobenzene	216	5.705	5.699	(0.870)	486535	37.4605	2900
35 Hexachlorocyclopentadiene	237	5.705	5.699	(0.870)	217309	32.4642	2500
9 2,4,6-Trichlorophenol	196	5.835	5.829	(0.890)	363677	49.6854	3800(R)
10 2,4,5-Trichlorophenol	196	5.876	5.870	(0.896)	463311	63.9910	5000
\$ 77 2-Fluorobiphenyl (SUR)	172	5.911	5.911	(0.901)	1148049	39.6649	3100
36 2-Chloronaphthalene	162	6.011	6.005	(0.917)	936160	38.1677	3000
102 Diphenyl	154	6.005	5.999	(0.916)	1275992	38.3545	3000
103 Diphenyl Ether	170	6.111	6.111	(0.932)	667952	38.4657	3000
37 2-Nitroaniline	65	6.129	6.129	(0.935)	387580	48.1615	3700
38 Dimethylphthalate	163	6.329	6.323	(0.965)	903191	40.2466	3100
40 2,6-Dinitrotoluene	165	6.382	6.376	(0.973)	206297	42.1451	3300
39 Acenaphthylene	152	6.411	6.411	(0.978)	1389496	37.8777	2900
* 82 Acenaphthene-d10	164	6.558	6.558	(1.000)	827902	40.0000	
41 3-Nitroaniline	138	6.540	6.535	(0.997)	189226	37.7170	2900
42 Acenaphthene	154	6.587	6.587	(1.004)	870247	39.4717	3100
43 Dibenzofuran	168	6.758	6.758	(1.030)	1186433	39.2295	3000
12 4-Nitrophenol	65	6.752	6.746	(1.030)	201904	48.1230	3700
44 2,4-Dinitrotoluene	165	6.770	6.770	(1.032)	248025	40.0031	3100
130 2,3,4,6-Tetrachlorophenol	232	6.899	6.899	(1.052)	82525	18.1885	1400
45 Diethylphthalate	149	7.029	7.023	(1.072)	873843	40.6902	3200

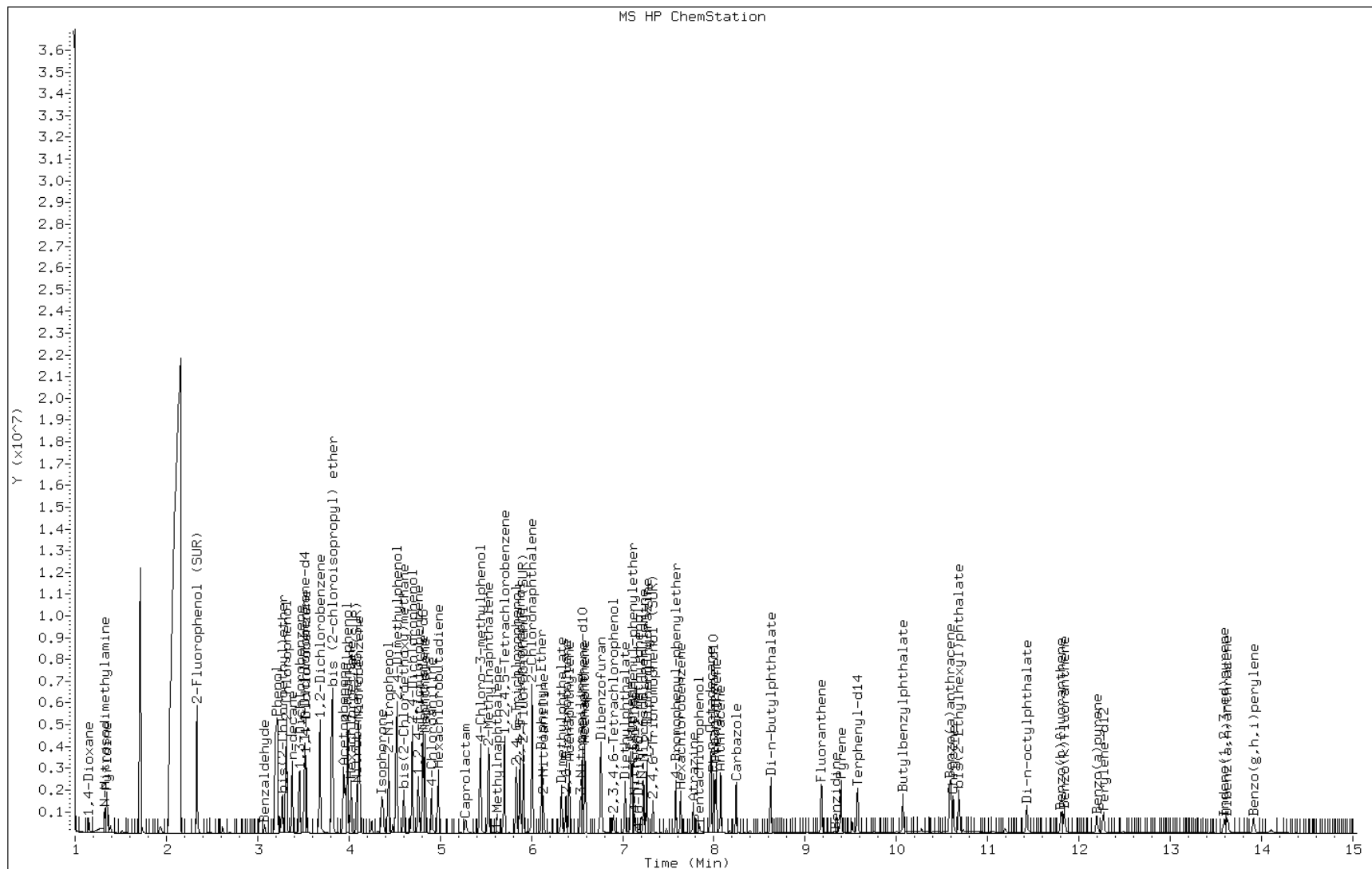
Data File: /chem/BNAMS11.i/8270/07-05-11/05jul11.b/z18183.d
 Report Date: 06-Jul-2011 14:44

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.093	7.087	(1.082)	949902	39.6650	3100
46 4-Chlorophenyl-phenylether	204	7.111	7.105	(1.084)	434813	39.4888	3100
48 4-Nitroaniline	138	7.134	7.129	(1.088)	134764	35.4958	2800
13 4,6-Dinitro-2-methylphenol	198	7.176	7.164	(0.897)	2884	1.05654	82(aR)
49 N-Nitrosodiphenylamine	169	7.229	7.229	(0.904)	613276	44.2932	3400
75 1,2-Diphenylhydrazine	77	7.264	7.258	(0.908)	1159591	41.2579	3200
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.334	7.329	(1.118)	150183	54.0085	4200
50 4-Bromophenyl-phenylether	248	7.581	7.582	(0.948)	213441	42.1548	3300
51 Hexachlorobenzene	284	7.634	7.634	(0.954)	224589	41.9912	3300
112 Atrazine	200	7.776	7.770	(0.972)	159174	35.3350	2700
14 Pentachlorophenol	266	7.840	7.834	(0.980)	46497	18.6065	1400(R)
* 83 Phenanthrene-d10	188	7.999	7.999	(1.000)	941405	40.0000	
52 Phenanthrene	178	8.023	8.017	(1.003)	1092280	41.5197	3200
115 n-Octadecane	57	7.964	7.964	(0.996)	778523	41.9798	3200
53 Anthracene	178	8.076	8.070	(1.010)	1080680	40.9492	3200
54 Carbazole	167	8.246	8.240	(1.031)	883576	42.2263	3300
55 Di-n-butylphthalate	149	8.623	8.617	(1.078)	1122483	41.6449	3200
56 Fluoranthene	202	9.181	9.175	(1.148)	899717	41.4560	3200
58 Benzidine	184	9.340	9.328	(1.168)	16698	6.12299	480
57 Pyrene	202	9.393	9.387	(0.886)	877765	41.1811	3200
\$ 78 Terphenyl-d14	244	9.575	9.570	(0.903)	533936	42.2658	3300
59 Butylbenzylphthalate	149	10.070	10.070	(0.950)	378779	43.1696	3400
61 Benzo(a)anthracene	228	10.587	10.587	(0.999)	581399	40.2338	3100
* 81 Chrysene-d12	240	10.599	10.593	(1.000)	530622	40.0000	
60 3,3'-Dichlorobenzidine	252	10.581	10.581	(0.998)	154446	39.1960	3000
62 Chrysene	228	10.622	10.622	(1.002)	572275	42.7715	3300
63 bis(2-Ethylhexyl)phthalate	149	10.687	10.687	(1.008)	520177	45.1295	3500
64 Di-n-octylphthalate	149	11.428	11.428	(0.931)	725504	40.0635	3100
65 Benzo(b)fluoranthene	252	11.811	11.805	(0.963)	469819	39.0313	3000
66 Benzo(k)fluoranthene	252	11.840	11.834	(0.965)	527880	42.4932	3300
67 Benzo(a)pyrene	252	12.199	12.193	(0.994)	389524	41.7459	3200
* 84 Perylene-d12	264	12.269	12.264	(1.000)	426850	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.593	13.593	(1.108)	375476	43.6997	3400
69 Dibenz(a,h)anthracene	278	13.628	13.628	(1.111)	387843	45.1453	3500
70 Benzo(g,h,i)perylene	276	13.916	13.911	(1.134)	406632	44.6069	3500

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 R - Spike/Surrogate failed recovery limits.
 H - Operator selected an alternate compound hit.

Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 07/05/2011 10:49Analysis Batch Number: 78970 End Date: 07/05/2011 22:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-78970/1		07/05/2011 10:49	1	z18169.d	Rtx-5MS 0.25 (mm)
ICIS 460-78970/2		07/05/2011 11:05	1	z18170.d	Rtx-5MS 0.25 (mm)
IC 460-78970/3		07/05/2011 11:28	1	z18171.d	Rtx-5MS 0.25 (mm)
IC 460-78970/4		07/05/2011 11:50	1	z18172.d	Rtx-5MS 0.25 (mm)
IC 460-78970/5		07/05/2011 12:12	1	z18173.d	Rtx-5MS 0.25 (mm)
IC 460-78970/6		07/05/2011 12:34	1	z18174.d	Rtx-5MS 0.25 (mm)
IC 460-78970/7		07/05/2011 12:56	1	z18175.d	Rtx-5MS 0.25 (mm)
MB 460-78748/1-A		07/05/2011 14:21	1	z18178.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 14:43	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 15:05	1		Rtx-5MS 0.25 (mm)
460-27964-A-1-B MS		07/05/2011 15:49	1	z18182.d	Rtx-5MS 0.25 (mm)
460-27964-A-1-C MSD		07/05/2011 16:11	1	z18183.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 17:17	1		Rtx-5MS 0.25 (mm)
460-28327-8	SP-2-SOLID	07/05/2011 17:39	1	z18187.d	Rtx-5MS 0.25 (mm)
460-28327-7	SP-3-SOLID	07/05/2011 18:01	1	z18188.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 18:23	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 18:45	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 19:07	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 19:29	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 19:51	1		Rtx-5MS 0.25 (mm)
460-28327-9	SP-1-SOLID	07/05/2011 20:13	1	z18194.d	Rtx-5MS 0.25 (mm)
460-28327-10	DUPE-SOLID	07/05/2011 20:35	1	z18195.d	Rtx-5MS 0.25 (mm)
460-28327-6	SP-4-SOLID	07/05/2011 20:57	1	z18196.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 21:19	2		Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 21:41	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/05/2011 22:03	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 07/06/2011 11:52Analysis Batch Number: 79233 End Date: 07/06/2011 18:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-79233/1		07/06/2011 11:52	1	z18201.d	Rtx-5MS 0.25 (mm)
CCVIS 460-79233/2		07/06/2011 12:13	1	z18202.d	Rtx-5MS 0.25 (mm)
LCS 460-78748/2-A		07/06/2011 12:41	1	z18203.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 13:03	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 13:36	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 14:00	500		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 14:23	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 14:45	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 15:07	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 15:29	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 15:51	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 16:13	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 16:35	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 16:57	2		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 17:20	2		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 17:42	5		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 18:26	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 06/29/2011 02:56Analysis Batch Number: 78346 End Date: 06/29/2011 05:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-78346/1		06/29/2011 02:56	1	x16103.d	Rtx-5MS 0.25 (mm)
ICIS 460-78346/2		06/29/2011 03:15	1	x16104.d	Rtx-5MS 0.25 (mm)
IC 460-78346/3		06/29/2011 03:42	1	x16105.d	Rtx-5MS 0.25 (mm)
IC 460-78346/4		06/29/2011 04:06	1	x16106.d	Rtx-5MS 0.25 (mm)
IC 460-78346/5		06/29/2011 04:30	1	x16107.d	Rtx-5MS 0.25 (mm)
IC 460-78346/6		06/29/2011 04:53	1	x16108.d	Rtx-5MS 0.25 (mm)
IC 460-78346/7		06/29/2011 05:17	1	x16109.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 07/06/2011 08:47Analysis Batch Number: 79096 End Date: 07/06/2011 20:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-79096/1		07/06/2011 08:47	1	x16286.d	Rtx-5MS 0.25 (mm)
CCVIS 460-79096/2		07/06/2011 09:03	1	x16287.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 09:44	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 10:07	1		Rtx-5MS 0.25 (mm)
MB 460-78746/1-A		07/06/2011 11:33	1	x16291.d	Rtx-5MS 0.25 (mm)
LCS 460-78746/2-A		07/06/2011 11:56	1	x16292.d	Rtx-5MS 0.25 (mm)
LCSD 460-78746/3-A		07/06/2011 12:20	1	x16293.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 12:44	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 13:08	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 13:32	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 13:56	1		Rtx-5MS 0.25 (mm)
460-28327-1	SP-4-WATER	07/06/2011 14:20	1	x16298.d	Rtx-5MS 0.25 (mm)
460-28327-2	SP-3-WATER	07/06/2011 14:44	1	x16299.d	Rtx-5MS 0.25 (mm)
460-28327-3	SP-2-WATER	07/06/2011 15:08	1	x16300.d	Rtx-5MS 0.25 (mm)
460-28327-4	SP-1-WATER	07/06/2011 15:32	1	x16301.d	Rtx-5MS 0.25 (mm)
460-28327-5	DUPE-WATER	07/06/2011 15:56	1	x16302.d	Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 16:20	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 16:44	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 17:08	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 17:32	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 17:56	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 18:19	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 19:31	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 19:55	1		Rtx-5MS 0.25 (mm)
ZZZZZ		07/06/2011 20:19	1		Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i
Analytical Batch: /chem/BNAMS5.i/8270/06-29-11/29jun11.b

Date Generated: 06/29/2011
Page 1

Date	Data File	ALS	Sample ID	IPB	EXT DATE	IV/	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
06/29/11 0256	X16103.d	1	DFTPP-937638			0	0	1	2.0	all	4569	78346
06/29/11 0315	X16104.d	2	ICIS-1037487			15	1	1	1.0	all	4569	a
06/29/11 0342	X16105.d	3	IC-1037500			15	1	1	1.0	all	4569	a
06/29/11 0406	X16106.d	4	IC-1037499			15	1	1	1.0	all	4569	a
06/29/11 0430	X16107.d	5	IC-1037484			15	1	1	1.0	all	4569	a
06/29/11 0453	X16108.d	6	IC-1037483			15	1	1	1.0	all	4569	a
06/29/11 0517	X16109.d	7	IC-1037481			15	1	1	1.0	all	4569	a
06/29/11 0541	X16110.d	8	icv			15	1	1	1.0	all	4569	a

Signed: W Read and Understood by: W. D.

Date: 6/29/11

Date: 6-29-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/07-05-11/05jull11.b

Date Generated: 07/06/2011

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/05/11 1049	218169.d	1	DFTPP-937638	—	—	0	0	1	2.0	all	4057	78970
07/05/11 1105	218170.d	2	ICIS-1037487	—	—	15	1	1	1.0	all	4058	
07/05/11 1128	218171.d	3	IC-1037500	—	—	15	1	1	1.0	all	4059	
07/05/11 1150	218172.d	4	IC-1037481	—	—	15	1	1	1.0	all	4060	
07/05/11 1212	218173.d	5	IC-1037499	—	—	15	1	1	1.0	all	4061	
07/05/11 1234	218174.d	6	IC-1037484	—	—	15	1	1	1.0	all	4062	
07/05/11 1256	218175.d	7	IC-1037483	—	—	15	1	1	1.0	all	4063	
07/05/11 1326	218176.d	8	ICV	05JUL11	—	15	1	1	1.0	all	4064	
07/05/11 1359	218177.d	9	ICS 460-78748/2-A	460-78748	—	15.0	1	1	1.0	all-so	—	RE 21-2000000000000000
07/05/11 1421	218178.d	10	MB 460-78748/1-A	460-78748	—	15	1	1	1.0	all-so	—	
07/05/11 1443	218179.d	11	460-27964-A-1-D	460-78748	07/04/11	15.0	1	1	1.0	all-so	—	
07/05/11 1505	218180.d	12	MB 460-78749/1-A	460-78749	—	15	1	1	1.0	all-so	—	
07/05/11 1527	218181.d	13	ICS 460-78749/2-A	460-78749	—	15.0	1	1	1.0	all-so	—	RE 21-2000000000000000
07/05/11 1549	218182.d	14	460-27964-A-1-B MS	460-78748	07/04/11	15	1	1	1.0	all-so	—	

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/07-05-11/05jul11.b

Date Generated: 07/06/2011

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/05/11	1611	z18183.d	15	460-27964-A-1-C MSD	07/04/11	15.0	1	1	1.0	all-so	—	6
07/05/11	1633	z18184.d	16	460-28324-B-1-B	07/04/11	15.0	5	100	1.0	all-so	—	RE 500x
07/05/11	1655	z18185.d	17	460-28003-E-5-I	07/04/11	15	1	1	1.0	all-so	—	PC possible c/d
07/05/11	1717	z18186.d	18	460-28223-A-19-E	07/04/11	15.1	1	1	1.0	all-so	—	6
07/05/11	1739	z18187.d	19	460-28327-B-8-B	07/04/11	15.0	1	1	1.0	all-so	—	6
07/05/11	1801	z18188.d	20	460-28327-B-7-B	07/04/11	15.0	1	1	1.0	all-so	—	6
07/05/11	1823	z18189.d	21	460-28223-A-1-J	07/04/11	15.0	1	1	1.0	all-so	—	6
07/05/11	1845	z18190.d	22	460-28223-A-2-F	07/04/11	15	1	1	1.0	all-so	—	6
07/05/11	1907	z18191.d	23	460-28223-A-21-I	07/04/11	15	1	1	1.0	all-so	—	6
07/05/11	1929	z18192.d	24	460-28223-A-21-G MS	07/04/11	15.0	1	1	1.0	all-so	—	6
07/05/11	1951	z18193.d	25	460-28223-A-21-HMSD	07/04/11	15	1	1	1.0	all-so	—	6
07/05/11	2013	z18194.d	26	460-28327-B-9-B	07/04/11	15	1	1	1.0	all-so	—	6
07/05/11	2035	z18195.d	27	460-28327-B-10-B	07/04/11	15.0	1	1	1.0	all-so	—	6
07/05/11	2057	z18196.d	28	460-28327-B-6-B	07/04/11	15	1	1	1.0	all-so	—	6

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/07-05-11/05jul11.b

Date Generated: 07/06/2011

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/05/11 2119	z18197.d	29	460-28223-A-4-E	460-78748	07/04/11 15	1		2	1.0	all-so	1	6
07/05/11 2141	z18198.d	30	460-28223-A-5-E	460-78748	07/04/11 15	1		1	1.0	all-so	1	6
07/05/11 2203	z18199.d	31	460-28223-A-3-E	460-78748	07/04/11 15.01			1	1.0	all-so	1	6
07/05/11 2225	z18200.d	32	blk	05jul11	15	1		1	1.0	all-so	1	

Signed: Michael Moore Read and Understood by: 22.88

Date: 7/6/11

Date: 7-7-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMSS.i
Analytical Batch: /chem/BNAMSS.i/8270/06-29-11/06jul11.b

Date Generated: 07/07/2011
Page 1

Date	ALS	File	Sample ID	LFB	EXT DATE	IV	FW	Dil	Inj	Sublist	Vol	LOT	COMMENTS
07/06/11	0847	x16286.d	1 DFTPP-937638			0	0		1	2.0	all	BWA 4597	G 79096
07/06/11	0903	x16287.d	2 CCVIS-1037487			15	1		1	1.0	all	BWA 4569	G
07/06/11	0944	x16288.d	3 460-28280-A-1-K	460-78745	07/04/11	1250	2		1	1.0	JTCLP		NG-Sent to RE
07/06/11	1007	x16289.d	4 LB 460-78568/1-F	06jul11		1000	2		1	1.0	JTCLP		NG LCS fails
07/06/11	1042	x16290.d	5 LCS 460-78745/2-A	06jul11		1000	2		1	1.0	JTCLP		NG Not needed
07/06/11	1133	x16291.d	6 MB 460-78746/1-A	06jul11		1000	2		1	1.0	all-h2		G
07/06/11	1156	x16292.d	7 LCS 460-78746/2-A	06jul11		1000	2		1	1.0	all-h2		G
07/06/11	1220	x16293.d	8 LCSD 460-78746/3-A	06jul11		1000	2		1	1.0	all-h2		G
07/06/11	1244	x16294.d	9 460-28303-D-11-A	460-78745	07/04/11	1000	2		1	1.0	all-h2		G
07/06/11	1308	x16295.d	10 460-28363-F-1-A	460-78745	07/04/11	900	2		1	1.0	all-h2		G
07/06/11	1332	x16296.d	11 460-28364-I-2-A	460-78745	07/04/11	800	2		1	1.0	all-h2		G
07/06/11	1356	x16297.d	12 460-28364-D-4-A	460-78745	07/04/11	1000	2		1	1.0	all-h2		G
07/06/11	1420	x16298.d	13 460-28327-E-1-A	460-78745	07/04/11	1000	2		1	1.0	all-h2		G
07/06/11	1444	x16299.d	14 460-28327-F-2-A	460-78745	07/04/11	1000	2		1	1.0	all-h2		G

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: ENAMSS.i
Analytical Batch: /chem/ENAMSS.i/8270/06-29-11/06jul11.b

Date Generated: 07/07/2011
Page 2

Date	Data File	ALS	Sample ID	DPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/06/11 1508	x16300.d	15	460-28327-E-3-A	460-78746	07/04/11	1000	2	1	1.0	all-h2		G
07/06/11 1532	x16301.d	16	460-28327-E-4-A	460-78746	07/04/11	1000	2	1	1.0	all-h2		G
07/06/11 1556	x16302.d	17	460-28327-E-5-A	460-78746	07/04/11	1000	2	1	1.0	all-h2		G
07/06/11 1620	x16303.d	18	460-28287-A-3-A	460-78716	07/01/11	950	2	1	1.0	all-h2		G
07/06/11 1644	x16304.d	19	460-28296-D-1-A	460-78716	07/01/11	990	2	1	1.0	all-h2		G
07/06/11 1708	x16305.d	20	460-28269-D-1-A	460-78716	07/01/11	900	2	1	1.0	all-h2		G
07/06/11 1732	x16306.d	21	460-28269-D-2-A	460-78716	07/01/11	900	2	1	1.0	all-h2		G
07/06/11 1756	x16307.d	22	460-28269-E-3-A	460-78716	07/01/11	900	2	1	1.0	all-h2		G
07/06/11 1819	x16308.d	23	MB 460-78865/1-A	06jul11		1000	2	1	1.0	all-h2		G
07/06/11 1843	x16309.d	24	LCS 460-78865/2-A	06jul11		1000	2	1	1.0	all-h2		G
07/06/11 1907	x16310.d	25	LCSD 460-78865/3-A	06jul11		1000	2	1	1.0	all-h2		RR-sur/spike high
07/06/11 1931	x16311.d	26	460-28272-F-1-A	460-78865	07/05/11	900	2	1	1.0	all-h2		RR-sur/spike high
07/06/11 1955	x16312.d	27	460-28272-B-6-A	460-78865	07/05/11	1575	2	1	1.0	all-h2		G-(1 sur high)
07/06/11 2019	x16313.d	28	460-28272-E-38-A	460-78865	07/05/11	990	2	1	1.0	all-h2		G

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: ENAMSS.i
Analytical Batch: /chem/ENAMSS.i/8270/06-29-11/06jul11.b

Date Generated: 07/07/2011
Page 3

Date	Data File	ALS	Sample ID	LPS	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/06/11 2042	x16314.d	29	blk	06jul11		1000	2		1	1.0 all-h2		
07/06/11 2107	x16315.d	30	IDOC BLK SS	06jul11		1000	2		1	1.0 all-h2		
07/06/11 2131	x16316.d	31	IDOC LCS 1 SS	06jul11		1000	2		1	1.0 all-h2		
07/06/11 2154	x16317.d	32	IDOC LCS 2 SS	06jul11		1000	2		1	1.0 all-h2		
07/06/11 2218	x16318.d	33	IDOC LCS 3 SS	06jul11		1000	2		1	1.0 all-h2		
07/06/11 2242	x16319.d	34	IDOC LCS 4 SS	06jul11		1000	2		1	1.0 all-h2		

RE-wrong solvent used.

Signed:  Read and Understood by: 
Date: 07.07.11 Date: 7-8-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/07-05-11/06jul11.b

Date Generated: 07/07/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
07/06/11 1152	218201.d	1	DFTPP-937638			0	0	1	2.0	all	457	79233
07/06/11 1213	218202.d	2	CCVIS-1037487			15	1	1	1.0	all	457	no benzothiazide
07/06/11 1241	218203.d	3	LCS 460-78748/2-A			15.0	1	1	1.0	all-so	457	
07/06/11 1303	218204.d	4	LCS 460-78749/2-A			15.0	1	1	1.0	all-so	457	
07/06/11 1336	218205.d	5	460-28003-F-5-I			15	1	1	1.0	all-so	457	
07/06/11 1400	218206.d	6	460-28324-E-1-B			15.0	5	500	1.0	all-so	457	
07/06/11 1423	218207.d	7	460-28223-A-10-E			15	1	1	1.0	all-so	457	
07/06/11 1445	218208.d	8	460-28223-A-24-E			15.0	1	1	1.0	all-so	457	
07/06/11 1507	218209.d	9	460-28223-A-20-E			15.0	1	1	1.0	all-so	457	
07/06/11 1529	218210.d	10	460-28223-A-26-E			15	1	1	1.0	all-so	457	
07/06/11 1551	218211.d	11	460-28223-A-28-E			15.1	1	1	1.0	all-so	457	
07/06/11 1613	218212.d	12	460-28223-A-7-E			15.1	1	1	1.0	all-so	457	
07/06/11 1635	218213.d	13	460-28223-A-9-E			15.0	1	1	1.0	all-so	457	
07/06/11 1657	218214.d	14	460-28223-A-8-E			15.0	1	2	1.0	all-so	457	

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/07-05-11/06jul11.b

Date Generated: 07/07/2011

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FW	Dil	Inj	Sublist	LOT	COMMENTS
07/06/11 1720	218215.d	15	460-28223-A-22-E	460-78749	07/04/11	15.0	1	2	1.0	all-so	-	C
07/06/11 1742	218216.d	16	460-28223-A-23-E	460-78749	07/04/11	15	1	5	1.0	all-so	-	C
07/06/11 1804	218217.d	17	460-28223-A-18-E	460-78748	07/04/11	15.0	1	2	1.0	all-so	-	RA2X
07/06/11 1826	218218.d	18	460-28223-A-27-E	460-78749	07/04/11	15.0	1	1	1.0	all-so	-	C
07/06/11 1848	218219.d	19	460-28223-A-25-E	460-78749	07/04/11	15.0	1	1	1.0	all-so	-	RA2X
07/06/11 1910	218220.d	20	460-28223-A-11-E	460-78748	07/04/11	15.0	1	1	1.0	all-so	-	RA2X
07/06/11 1932	218221.d	21	460-28223-A-6-E	460-78748	07/04/11	15.0	1	1	1.0	all-so	-	RA2X
07/06/11 1954	218222.d	22	blk	06jul11	-	15	1	1	1.0	all-so	-	-

Signed: Shirley Kozze Read and Understood by: [Signature]

Date: 7/7/11 Date: 07-07-11

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 78746 Batch Start Date: 07/04/11 07:45 Batch Analyst: Chen, MandiBatch Method: 3510C Batch End Date: 07/04/11 16:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00027	OP625/82SU 00019
MB 460-78746/1		3510C, 8270C		1000 mL	2 mL	<2	>12		1 mL
LCS 460-78746/2		3510C, 8270C		1000 mL	2 mL	<2	>12	1 mL	1 mL
LCSD 460-78746/3		3510C, 8270C		1000 mL	2 mL	<2	>12	1 mL	1 mL
460-28327-E-1	SP-4-WATER	3510C, 8270C	T	1000 mL	2 mL	<2	>12		1 mL
460-28327-F-2	SP-3-WATER	3510C, 8270C	T	1000 mL	2 mL	<2	>12		1 mL
460-28327-E-3	SP-2-WATER	3510C, 8270C	T	1000 mL	2 mL	<2	>12		1 mL
460-28327-E-4	SP-1-WATER	3510C, 8270C	T	1000 mL	2 mL	<2	>12		1 mL
460-28327-E-5	DUPE-WATER	3510C, 8270C	T	1000 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 #	OP091
Concentration End Time	12PM
Concentration Start Time	10AM
Person's name who did the concentration	MC
Final Concentrator Volume	2 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	K04600
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K08S00
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	MC

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 78748 Batch Start Date: 07/04/11 10:00 Batch Analyst: Masongo, CharlesBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP8270SoilSUR 00001	OP8270SP 00018	
MB 460-78748/1		3541, 8270C		15.00 g	1 mL	73	500 uL		
LCS 460-78748/2		3541, 8270C		15.03 g	1 mL	74	500 uL	500 uL	
460-27964-A-1 MS		3541, 8270C	T	15.00 g	1 mL	75	500 uL	500 uL	
460-27964-A-1 MSD		3541, 8270C	T	15.02 g	1 mL	76	500 uL	500 uL	
460-28327-B-6	SP-4-SOLID	3541, 8270C	T	15.00 g	1 mL	79	500 uL		
460-28327-B-7	SP-3-SOLID	3541, 8270C	T	15.02 g	1 mL	80	500 uL		
460-28327-B-8	SP-2-SOLID	3541, 8270C	T	15.03 g	1 mL	81	500 uL		
460-28327-B-9	SP-1-SOLID	3541, 8270C	T	15.00 g	1 mL	82	500 uL		
460-28327-B-10	DUPE-SOLID	3541, 8270C	T	15.04 g	1 mL	83	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	J51636
Person's name who did the concentration	CM
Vendor lot number	K18E64
Na2SO4 Lot Number	J51636
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	10am

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-28327-1

SDG No.: _____

Project: Pfizer (Wyeth) Pearl River

Client Sample ID	Lab Sample ID
SP-4-WATER	460-28327-1
SP-3-WATER	460-28327-2
SP-2-WATER	460-28327-3
SP-1-WATER	460-28327-4
DUPE-WATER	460-28327-5
SP-4-SOLID	460-28327-6
SP-3-SOLID	460-28327-7
SP-2-SOLID	460-28327-8
SP-1-SOLID	460-28327-9
DUPE-SOLID	460-28327-10

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-4-WATER

Lab Sample ID: 460-28327-1

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Water

Date Sampled: 06/30/2011 11:00

Reporting Basis: WET

Date Received: 07/01/2011 13:30

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	115	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	70000	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	779	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	14100	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	2770	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	3310	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	103000	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	7.5	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: SP-3-WATER

Lab Sample ID: 460-28327-2

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Water

Date Sampled: 06/30/2011 09:30

Reporting Basis: WET

Date Received: 07/01/2011 13:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	127	200	87.0	ug/L	J		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	134	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	79300	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	7.1	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	656	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	16600	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	544	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	3100	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	103000	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	6.7	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: SP-2-WATER

Lab Sample ID: 460-28327-3

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Water

Date Sampled: 06/30/2011 14:15

Reporting Basis: WET

Date Received: 07/01/2011 12:53

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	194	200	87.0	ug/L	J		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	52.7	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	55900	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	2230	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	9040	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1210	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	2340	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	57300	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	2.2	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: SP-1-WATER

Lab Sample ID: 460-28327-4

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Water

Date Sampled: 06/30/2011 13:15

Reporting Basis: WET

Date Received: 07/01/2011 12:53

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	455	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	38.0	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	31000	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	1770	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.5	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	6450	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	752	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	2660	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	62700	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	2.5	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	8.0	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: DUPE-WATER

Lab Sample ID: 460-28327-5

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Water

Date Sampled: 06/30/2011 00:00

Reporting Basis: WET

Date Received: 07/01/2011 12:53

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	122	200	87.0	ug/L	J		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	131	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	77100	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	7.0	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	634	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	16300	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	524	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	3010	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	101000	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	6.1	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: SP-4-SOLID

Lab Sample ID: 460-28327-6

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/30/2011 11:00

Reporting Basis: DRY

Date Received: 07/01/2011 12:53

% Solids: 51.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6730	77.0	28.2	mg/Kg			4	6010B
7440-36-0	Antimony	3.9	3.9	1.7	mg/Kg	U		4	6010B
7440-38-2	Arsenic	6.2	1.9	1.3	mg/Kg			4	6010B
7440-39-3	Barium	101	77.0	2.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.77	0.77	0.34	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.65	1.9	0.30	mg/Kg	J		4	6010B
7440-70-2	Calcium	3350	1930	50.6	mg/Kg			4	6010B
7440-47-3	Chromium	12.3	3.9	2.3	mg/Kg			4	6010B
7440-48-4	Cobalt	7.4	19.3	2.4	mg/Kg	J		4	6010B
7440-50-8	Copper	64.7	9.6	1.6	mg/Kg			4	6010B
7439-89-6	Iron	23400	57.8	20.4	mg/Kg			4	6010B
7439-92-1	Lead	47.7	1.9	0.96	mg/Kg			4	6010B
7439-95-4	Magnesium	2300	1930	20.4	mg/Kg			4	6010B
7439-96-5	Manganese	1680	5.8	2.2	mg/Kg			4	6010B
7440-02-0	Nickel	14.8	15.4	1.0	mg/Kg	J		4	6010B
7440-09-7	Potassium	645	1930	86.9	mg/Kg	J		4	6010B
7782-49-2	Selenium	3.9	3.9	1.8	mg/Kg	U		4	6010B
7440-22-4	Silver	3.9	3.9	0.29	mg/Kg	U		4	6010B
7440-23-5	Sodium	209	1930	118	mg/Kg	J		4	6010B
7440-28-0	Thallium	3.9	3.9	1.9	mg/Kg	U		4	6010B
7440-62-2	Vanadium	24.0	19.3	1.0	mg/Kg			4	6010B
7440-66-6	Zinc	176	11.6	1.9	mg/Kg			4	6010B
7439-97-6	Mercury	0.60	0.058	0.039	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-3-SOLID

Lab Sample ID: 460-28327-7

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/30/2011 09:30

Reporting Basis: DRY

Date Received: 07/01/2011 12:53

% Solids: 78.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2090	48.3	17.7	mg/Kg			4	6010B
7440-36-0	Antimony	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.4	1.2	0.84	mg/Kg			4	6010B
7440-39-3	Barium	19.2	48.3	1.5	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.48	0.48	0.21	mg/Kg	U		4	6010B
7440-43-9	Cadmium	1.2	1.2	0.19	mg/Kg	U		4	6010B
7440-70-2	Calcium	556	1210	31.7	mg/Kg	J		4	6010B
7440-47-3	Chromium	4.8	2.4	1.4	mg/Kg			4	6010B
7440-48-4	Cobalt	3.0	12.1	1.5	mg/Kg	J		4	6010B
7440-50-8	Copper	9.6	6.0	0.99	mg/Kg			4	6010B
7439-89-6	Iron	7720	36.2	12.8	mg/Kg			4	6010B
7439-92-1	Lead	4.3	1.2	0.60	mg/Kg			4	6010B
7439-95-4	Magnesium	1240	1210	12.8	mg/Kg			4	6010B
7439-96-5	Manganese	170	3.6	1.4	mg/Kg			4	6010B
7440-02-0	Nickel	6.7	9.7	0.65	mg/Kg	J		4	6010B
7440-09-7	Potassium	247	1210	54.5	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-22-4	Silver	2.4	2.4	0.18	mg/Kg	U		4	6010B
7440-23-5	Sodium	1210	1210	74.1	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.4	2.4	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	9.0	12.1	0.63	mg/Kg	J		4	6010B
7440-66-6	Zinc	37.1	7.2	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.039	0.037	0.025	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-2-SOLID

Lab Sample ID: 460-28327-8

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/30/2011 14:15

Reporting Basis: DRY

Date Received: 07/01/2011 12:53

% Solids: 74.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	4430	51.8	19.0	mg/Kg			4	6010B
7440-36-0	Antimony	2.6	2.6	1.1	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.6	1.3	0.90	mg/Kg			4	6010B
7440-39-3	Barium	49.8	51.8	1.6	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.52	0.52	0.23	mg/Kg	U		4	6010B
7440-43-9	Cadmium	1.3	1.3	0.20	mg/Kg	U		4	6010B
7440-70-2	Calcium	1330	1300	34.1	mg/Kg			4	6010B
7440-47-3	Chromium	7.1	2.6	1.5	mg/Kg			4	6010B
7440-48-4	Cobalt	6.3	13.0	1.6	mg/Kg	J		4	6010B
7440-50-8	Copper	6.1	6.5	1.1	mg/Kg	J		4	6010B
7439-89-6	Iron	12700	38.9	13.8	mg/Kg			4	6010B
7439-92-1	Lead	8.8	1.3	0.65	mg/Kg			4	6010B
7439-95-4	Magnesium	1890	1300	13.7	mg/Kg			4	6010B
7439-96-5	Manganese	993	3.9	1.5	mg/Kg			4	6010B
7440-02-0	Nickel	8.3	10.4	0.69	mg/Kg	J		4	6010B
7440-09-7	Potassium	263	1300	58.5	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.6	2.6	1.2	mg/Kg	U		4	6010B
7440-22-4	Silver	2.6	2.6	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	1300	1300	79.6	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.6	2.6	1.3	mg/Kg	U		4	6010B
7440-62-2	Vanadium	13.5	13.0	0.67	mg/Kg			4	6010B
7440-66-6	Zinc	50.4	7.8	1.3	mg/Kg			4	6010B
7439-97-6	Mercury	0.042	0.042	0.028	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-1-SOLID

Lab Sample ID: 460-28327-9

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/30/2011 13:15

Reporting Basis: DRY

Date Received: 07/01/2011 12:53

% Solids: 71.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	4000	50.6	18.6	mg/Kg			4	6010B
7440-36-0	Antimony	2.5	2.5	1.1	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.9	1.3	0.88	mg/Kg			4	6010B
7440-39-3	Barium	30.1	50.6	1.5	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.51	0.51	0.22	mg/Kg	U		4	6010B
7440-43-9	Cadmium	1.3	1.3	0.20	mg/Kg	U		4	6010B
7440-70-2	Calcium	1190	1270	33.3	mg/Kg	J		4	6010B
7440-47-3	Chromium	9.2	2.5	1.5	mg/Kg			4	6010B
7440-48-4	Cobalt	3.5	12.7	1.6	mg/Kg	J		4	6010B
7440-50-8	Copper	9.8	6.3	1.0	mg/Kg			4	6010B
7439-89-6	Iron	7410	38.0	13.4	mg/Kg			4	6010B
7439-92-1	Lead	44.0	1.3	0.63	mg/Kg			4	6010B
7439-95-4	Magnesium	1120	1270	13.4	mg/Kg	J		4	6010B
7439-96-5	Manganese	194	3.8	1.4	mg/Kg			4	6010B
7440-02-0	Nickel	6.2	10.1	0.68	mg/Kg	J		4	6010B
7440-09-7	Potassium	355	1270	57.1	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.5	2.5	1.2	mg/Kg	U		4	6010B
7440-22-4	Silver	2.5	2.5	0.19	mg/Kg	U		4	6010B
7440-23-5	Sodium	1270	1270	77.7	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.5	2.5	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	12.1	12.7	0.66	mg/Kg	J		4	6010B
7440-66-6	Zinc	48.5	7.6	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.046	0.046	0.031	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUPE-SOLID

Lab Sample ID: 460-28327-10

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/30/2011 00:00

Reporting Basis: DRY

Date Received: 07/01/2011 12:53

% Solids: 86.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	4170	43.0	15.7	mg/Kg			4	6010B
7440-36-0	Antimony	2.1	2.1	0.95	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.9	1.1	0.75	mg/Kg			4	6010B
7440-39-3	Barium	36.5	43.0	1.3	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.20	0.43	0.19	mg/Kg	J		4	6010B
7440-43-9	Cadmium	1.1	1.1	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	736	1070	28.3	mg/Kg	J		4	6010B
7440-47-3	Chromium	7.2	2.1	1.3	mg/Kg			4	6010B
7440-48-4	Cobalt	4.4	10.7	1.3	mg/Kg	J		4	6010B
7440-50-8	Copper	15.9	5.4	0.88	mg/Kg			4	6010B
7439-89-6	Iron	12400	32.2	11.4	mg/Kg			4	6010B
7439-92-1	Lead	6.4	1.1	0.54	mg/Kg			4	6010B
7439-95-4	Magnesium	1910	1070	11.4	mg/Kg			4	6010B
7439-96-5	Manganese	279	3.2	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	9.3	8.6	0.58	mg/Kg			4	6010B
7440-09-7	Potassium	388	1070	48.5	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.1	2.1	1.0	mg/Kg	U		4	6010B
7440-22-4	Silver	2.1	2.1	0.16	mg/Kg	U		4	6010B
7440-23-5	Sodium	1070	1070	66.0	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.1	2.1	1.0	mg/Kg	U		4	6010B
7440-62-2	Vanadium	13.8	10.7	0.56	mg/Kg			4	6010B
7440-66-6	Zinc	51.0	6.4	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.046	0.035	0.024	mg/Kg			1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

ICV Source: ME_CCV_T2_00031 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00031

Analyte	ICV 460-79135/5 07/07/2011 15:46				CCV 460-79135/62 07/08/2011 00:08				CCV 460-79135/74 07/08/2011 01:21			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124900		125000	100	127600		125000	102	127900		125000	102
Antimony	987.6		1000	99	1031		1000	103	1034		1000	103
Arsenic	4937		5000	99	5137		5000	103	5141		5000	103
Barium	9920		10000	99	10040		10000	100	10070		10000	101
Beryllium	985.9		1000	99	1023		1000	102	1023		1000	102
Cadmium	2467		2500	99	2479		2500	99	2483		2500	99
Calcium	124000		125000	99	126600		125000	101	126600		125000	101
Chromium	4956		5000	99	5042		5000	101	5046		5000	101
Cobalt	2471		2500	99	2541		2500	102	2539		2500	102
Copper	12420		12500	99	12500		12500	100	12550		12500	100
Iron	98800		100000	99	102100		100000	102	101900		100000	102
Lead	9885		10000	99	9961		10000	100	9962		10000	100
Magnesium	124600		125000	100	126000		125000	101	126600		125000	101
Manganese	4946		5000	99	5003		5000	100	5011		5000	100
Nickel	2469		2500	99	2490		2500	100	2494		2500	100
Potassium	51080		50000	102	53210		50000	106	53300		50000	107
Selenium	4944		5000	99	5123		5000	102	5116		5000	102
Silver	1238		1250	99	1277		1250	102	1279		1250	102
Sodium	126200		125000	101	129800		125000	104	130400		125000	104
Thallium	4963		5000	99	5049		5000	101	5065		5000	101
Vanadium	2481		2500	99	2490		2500	100	2495		2500	100
Zinc	2450		2500	98	2404		2500	96	2397		2500	96

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

ICV Source: ME_CCV_T2_00031 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00031

Analyte	CCV 460-79135/77 07/08/2011 01:40											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	128000		125000	102								
Antimony	1036		1000	104								
Arsenic	5152		5000	103								
Barium	10060		10000	101								
Beryllium	1028		1000	103								
Cadmium	2496		2500	100								
Calcium	127200		125000	102								
Chromium	5072		5000	101								
Cobalt	2552		2500	102								
Copper	12550		12500	100								
Iron	102400		100000	102								
Lead	9997		10000	100								
Magnesium	126600		125000	101								
Manganese	5029		5000	101								
Nickel	2508		2500	100								
Potassium	53190		50000	106								
Selenium	5141		5000	103								
Silver	1281		1250	102								
Sodium	130300		125000	104								
Thallium	5068		5000	101								
Vanadium	2503		2500	100								
Zinc	2417		2500	97								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

ICV Source: ME_CCV_T2_00031 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00031

Analyte	ICV 460-79298/5 07/08/2011 17:32				CCV 460-79298/17 07/08/2011 18:45				CCV 460-79298/28 07/08/2011 19:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Silver	1249		1250	100	1290		1250	103	1287		1250	103
<i>Aluminum</i>	125500		125000	100	129800		125000	104	129400		125000	104
<i>Antimony</i>	1010		1000	101	1050		1000	105	1049		1000	105
<i>Arsenic</i>	5031		5000	101	5236		5000	105	5216		5000	104
<i>Barium</i>	9979		10000	100	10150		10000	102	10120		10000	101
<i>Beryllium</i>	999.2		1000	100	1035		1000	104	1030		1000	103
<i>Cadmium</i>	2511		2500	100	2580		2500	103	2564		2500	103
<i>Calcium</i>	125600		125000	100	129200		125000	103	128400		125000	103
<i>Chromium</i>	5012		5000	100	5165		5000	103	5131		5000	103
<i>Cobalt</i>	2502		2500	100	2587		2500	103	2573		2500	103
<i>Copper</i>	12480		12500	100	12780		12500	102	12760		12500	102
<i>Iron</i>	100200		100000	100	103500		100000	103	102800		100000	103
<i>Lead</i>	10060		10000	101	10330		10000	103	10300		10000	103
<i>Magnesium</i>	125200		125000	100	128900		125000	103	128600		125000	103
<i>Manganese</i>	4997		5000	100	5166		5000	103	5141		5000	103
<i>Nickel</i>	2515		2500	101	2583		2500	103	2570		2500	103
<i>Potassium</i>	51330		50000	103	52960		50000	106	53080		50000	106
<i>Selenium</i>	5035		5000	101	5263		5000	105	5261		5000	105
<i>Sodium</i>	127700		125000	102	131800		125000	105	131800		125000	105
<i>Thallium</i>	5017		5000	100	5168		5000	103	5153		5000	103
<i>Vanadium</i>	2503		2500	100	2581		2500	103	2564		2500	103
<i>Zinc</i>	2509		2500	100	2550		2500	102	2527		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.: 460-28327-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00035 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00035

Analyte	ICV 460-78770/6 07/03/2011 10:19				CCV 460-78770/18 07/03/2011 11:04				CCV 460-78770/30 07/03/2011 11:49			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124600		125000	100	124100		125000	99	123800		125000	99
Antimony	1009		1000	101	1011		1000	101	1008		1000	101
Arsenic	2505		2500	100	2499		2500	100	2487		2500	99
Barium	10100		10000	101	10060		10000	101	10030		10000	100
Beryllium	996.1		1000	100	992.3		1000	99	992.9		1000	99
Cadmium	1264		1250	101	1256		1250	100	1251		1250	100
Calcium	128300		125000	103	128600		125000	103	128600		125000	103
Chromium	5029		5000	101	5025		5000	101	5009		5000	100
Cobalt	2525		2500	101	2504		2500	100	2492		2500	100
Copper	12500		12500	100	12470		12500	100	12430		12500	99
Iron	101500		100000	102	102600		100000	103	102600		100000	103
Lead	7577		7500	101	7521		7500	100	7482		7500	100
Magnesium	126100		125000	101	126200		125000	101	125800		125000	101
Manganese	5145		5000	103	5127		5000	103	5119		5000	102
Nickel	2538		2500	102	2526		2500	101	2514		2500	101
Potassium	49820		50000	100	49980		50000	100	50100		50000	100
Selenium	2475		2500	99	2456		2500	98	2450		2500	98
Silver	1235		1250	99	1230		1250	98	1222		1250	98
Sodium	124900		125000	100	125100		125000	100	125500		125000	100
Thallium	2551		2500	102	2539		2500	102	2524		2500	101
Vanadium	2515		2500	101	2533		2500	101	2539		2500	102
Zinc	2493		2500	100	2484		2500	99	2471		2500	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.: 460-28327-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00035 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00035

Analyte	CCV 460-78770/42 07/03/2011 12:34				CCV 460-78770/66 07/03/2011 14:04				CCV 460-78770/78 07/03/2011 14:49			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	123100		125000	98	121400		125000	97	121100		125000	97
Antimony	1004		1000	100	993.7		1000	99	991.1		1000	99
Arsenic	2478		2500	99	2453		2500	98	2448		2500	98
Barium	9983		10000	100	9868		10000	99	9841		10000	98
Beryllium	984.5		1000	98	972.8		1000	97	965.8		1000	97
Cadmium	1245		1250	100	1231		1250	98	1228		1250	98
Calcium	127500		125000	102	126200		125000	101	125200		125000	100
Chromium	4971		5000	99	4914		5000	98	4886		5000	98
Cobalt	2480		2500	99	2453		2500	98	2449		2500	98
Copper	12340		12500	99	12210		12500	98	12140		12500	97
Iron	101600		100000	102	101200		100000	101	99710		100000	100
Lead	7454		7500	99	7373		7500	98	7358		7500	98
Magnesium	125000		125000	100	123800		125000	99	123100		125000	98
Manganese	5084		5000	102	5057		5000	101	4978		5000	100
Nickel	2500		2500	100	2472		2500	99	2464		2500	99
Potassium	49720		50000	99	49210		50000	98	48660		50000	97
Selenium	2446		2500	98	2417		2500	97	2416		2500	97
Silver	1217		1250	97	1201		1250	96	1197		1250	96
Sodium	124500		125000	100	123200		125000	99	121900		125000	98
Thallium	2523		2500	101	2500		2500	100	2493		2500	100
Vanadium	2513		2500	101	2496		2500	100	2460		2500	98
Zinc	2467		2500	99	2444		2500	98	2440		2500	98

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00575 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00575

Analyte	ICV 460-78815/20-A 07/05/2011 13:33				CCV 460-78815/22-A 07/05/2011 13:53				CCV 460-78815/22-A 07/05/2011 14:10			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.18		5.00	104	5.42		5.00	108	5.30		5.00	106

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00269 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00269

Analyte	ICV 460-78857/7-A 07/05/2011 21:18				CCV 460-78857/8-A 07/05/2011 21:37				CCV 460-78857/8-A 07/05/2011 21:58			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	838.3		833	101	890.0		833	107	920.0		833	110

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.: 460-28327-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00269 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00269

Analyte	CCV 460-78857/8-A 07/05/2011 22:21											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	940.0		833	113								

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.: 460-28327-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-79135/6 07/07/2011 15:52		CCB 460-79135/63 07/08/2011 00:14		CCB 460-79135/75 07/08/2011 01:28		CCB 460-79135/78 07/08/2011 01:46	
		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	1.34	J	1.71	J	1.56	J	1.28	J
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.: 460-28327-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-79298/6 07/08/2011 17:38		CCB 460-79298/18 07/08/2011 18:52		CCB 460-79298/29 07/08/2011 19:59			
		Found	C	Found	C	Found	C	Found	C
Silver	10.0	10.0	U	10.0	U	10.0	U		
<i>Aluminum</i>	200	200	U	200	U	200	U		
<i>Antimony</i>	10.0	10.0	U	10.0	U	10.0	U		
<i>Arsenic</i>	5.0	5.0	U	5.0	U	5.0	U		
<i>Barium</i>	200	200	U	200	U	200	U		
<i>Beryllium</i>	2.0	2.0	U	2.0	U	2.0	U		
<i>Cadmium</i>	5.0	5.0	U	5.0	U	5.0	U		
<i>Calcium</i>	5000	5000	U	5000	U	5000	U		
<i>Chromium</i>	10.0	10.0	U	10.0	U	10.0	U		
<i>Cobalt</i>	50.0	50.0	U	50.0	U	50.0	U		
<i>Copper</i>	25.0	25.0	U	25.0	U	25.0	U		
<i>Iron</i>	150	150	U	150	U	150	U		
<i>Lead</i>	5.0	5.0	U	5.0	U	5.0	U		
<i>Magnesium</i>	5000	5000	U	5000	U	5000	U		
<i>Manganese</i>	15.0	15.0	U	15.0	U	15.0	U		
<i>Nickel</i>	40.0	40.0	U	40.0	U	40.0	U		
<i>Potassium</i>	5000	5000	U	5000	U	5000	U		
<i>Selenium</i>	10.0	10.0	U	10.0	U	10.0	U		
<i>Sodium</i>	5000	5000	U	5000	U	5000	U		
<i>Thallium</i>	10.0	6.21	J	10.0	U	6.16	J		
<i>Vanadium</i>	50.0	50.0	U	50.0	U	50.0	U		
<i>Zinc</i>	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.: 460-28327-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-78770/7 07/03/2011 10:23		CCB 460-78770/19 07/03/2011 11:08		CCB 460-78770/31 07/03/2011 11:53		CCB 460-78770/43 07/03/2011 12:38	
		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.: 460-28327-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-78770/67 07/03/2011 14:08		CCB 460-78770/79 07/03/2011 14:53					
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U				
Antimony	10.0	10.0	U	10.0	U				
Arsenic	5.0	5.0	U	5.0	U				
Barium	200	200	U	200	U				
Beryllium	2.0	2.0	U	2.0	U				
Cadmium	5.0	5.0	U	5.0	U				
Calcium	5000	5000	U	5000	U				
Chromium	10.0	10.0	U	10.0	U				
Cobalt	50.0	50.0	U	50.0	U				
Copper	25.0	3.79	J	25.0	U				
Iron	150	150	U	150	U				
Lead	5.0	5.0	U	5.0	U				
Magnesium	5000	5000	U	5000	U				
Manganese	15.0	15.0	U	15.0	U				
Nickel	40.0	40.0	U	40.0	U				
Potassium	5000	5000	U	5000	U				
Selenium	10.0	10.0	U	10.0	U				
Silver	10.0	10.0	U	10.0	U				
Sodium	5000	5000	U	5000	U				
Thallium	10.0	10.0	U	10.0	U				
Vanadium	50.0	50.0	U	50.0	U				
Zinc	30.0	30.0	U	30.0	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-78847/8 07/05/2011 13:34		CCB 460-78847/19 07/05/2011 13:55		CCB 460-78847/28 07/05/2011 14:12			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U		

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-78873/8 07/05/2011 21:20		CCB 460-78873/18 07/05/2011 21:39		CCB 460-78873/28 07/05/2011 22:00		CCB 460-78873/40 07/05/2011 22:23	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Concentration Units: mg/Kg Lab Sample ID: MB 460-78703/1-A ^2
 Instrument Code: ICP4 Batch No.: 78770

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	U		6010B
7440-36-0	Antimony	1.0	U		6010B
7440-38-2	Arsenic	0.50	U		6010B
7440-39-3	Barium	20.0	U		6010B
7440-41-7	Beryllium	0.20	U		6010B
7440-43-9	Cadmium	0.50	U		6010B
7440-70-2	Calcium	500	U		6010B
7440-47-3	Chromium	1.0	U		6010B
7440-48-4	Cobalt	5.0	U		6010B
7440-50-8	Copper	2.5	U		6010B
7439-89-6	Iron	15.0	U		6010B
7439-92-1	Lead	0.50	U		6010B
7439-95-4	Magnesium	500	U		6010B
7439-96-5	Manganese	1.5	U		6010B
7440-02-0	Nickel	4.0	U		6010B
7440-09-7	Potassium	500	U		6010B
7782-49-2	Selenium	1.0	U		6010B
7440-22-4	Silver	1.0	U		6010B
7440-23-5	Sodium	500	U		6010B
7440-28-0	Thallium	1.0	U		6010B
7440-62-2	Vanadium	5.0	U		6010B
7440-66-6	Zinc	3.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-79125/1-A
 Instrument Code: ICP2 Batch No.: 79135

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
7440-23-5	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.: 460-28327-1

SDG No.: _____

Concentration Units: ug/L Lab Sample ID: MB 460-79125/1-A

Instrument Code: ICP2 Batch No.: 79298

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	10.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-78815/1-A
Instrument Code: LEEMAN3 Batch No.: 78847

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.: 460-28327-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 460-78857/10-A

Instrument Code: LEEMAN5 Batch No.: 78873

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-79135/7 Instrument ID: ICP2
 Lab File ID: 79065V1 ICS Source: ME_T2_ICSA_00028
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	478990	96
Antimony		-0.573	
Arsenic		1.83	
Barium		1.87	
Beryllium		0.0099	
Cadmium		1.91	
Calcium	500000	452696	91
Chromium		-4.25	
Cobalt		1.19	
Copper		3.30	
Iron	200000	193813	97
Lead		-3.68	
Magnesium	500000	523136	105
Manganese		-6.44	
Nickel		-0.304	
Potassium		-144	
Selenium		-3.92	
Silver		1.57	
Sodium		-548	
Thallium		-0.389	
Vanadium		2.63	
Zinc		6.16	
Boron		-2.50	
Molybdenum		1.98	
Tin		2.70	
Titanium		-1.61	

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.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-79135/8 Instrument ID: ICP2
 Lab File ID: 79065V1 ICS Source: ME_T2_ICAB_00029
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	477320	95
Antimony	100	102	102
Arsenic	100	102	102
Barium	100	107	107
Beryllium	100	100	100
Cadmium	100	101	101
Calcium	500000	451402	90
Chromium	100	94.1	94
Cobalt	100	99.2	99
Copper	100	108	108
Iron	200000	193704	97
Lead	100	98.1	98
Magnesium	500000	521031	104
Manganese	100	94.3	94
Nickel	100	98.0	98
Potassium	10000	10979	110
Selenium	100	102	102
Silver	100	106	106
Sodium	10000	9580	96
Thallium	100	95.5	95
Vanadium	100	103	103
Zinc	100	104	104
<i>Boron</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Molybdenum</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Tin</i>	<i>100</i>	<i>92.7</i>	<i>93</i>
<i>Titanium</i>	<i>100</i>	<i>101</i>	<i>101</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.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-79298/7 Instrument ID: ICP2
 Lab File ID: 79192V1 ICS Source: ME_T2_ICSA_00028
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Silver		1.14	
<i>Aluminum</i>	<i>500000</i>	<i>480051</i>	<i>96</i>
<i>Antimony</i>		<i>0.210</i>	
<i>Arsenic</i>		<i>-3.41</i>	
<i>Barium</i>		<i>2.06</i>	
<i>Beryllium</i>		<i>-0.128</i>	
<i>Boron</i>		<i>-1.22</i>	
<i>Cadmium</i>		<i>1.85</i>	
<i>Calcium</i>	<i>500000</i>	<i>459660</i>	<i>92</i>
<i>Chromium</i>		<i>-3.80</i>	
<i>Cobalt</i>		<i>1.56</i>	
<i>Copper</i>		<i>2.23</i>	
<i>Iron</i>	<i>200000</i>	<i>196601</i>	<i>98</i>
<i>Lead</i>		<i>-4.47</i>	
<i>Magnesium</i>	<i>500000</i>	<i>523899</i>	<i>105</i>
<i>Manganese</i>		<i>-6.33</i>	
<i>Molybdenum</i>		<i>1.64</i>	
<i>Nickel</i>		<i>0.520</i>	
<i>Potassium</i>		<i>-137</i>	
<i>Selenium</i>		<i>-7.29</i>	
<i>Sodium</i>		<i>-612</i>	
<i>Thallium</i>		<i>3.60</i>	
<i>Tin</i>		<i>3.05</i>	
<i>Titanium</i>		<i>-1.68</i>	
<i>Vanadium</i>		<i>2.90</i>	
<i>Zinc</i>		<i>7.37</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.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-79298/8 Instrument ID: ICP2
 Lab File ID: 79192V1 ICS Source: ME_T2_ICAB_00029
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Silver	100	107	107
<i>Aluminum</i>	<i>500000</i>	<i>483524</i>	<i>97</i>
<i>Antimony</i>	<i>100</i>	<i>107</i>	<i>107</i>
<i>Arsenic</i>	<i>100</i>	<i>105</i>	<i>105</i>
<i>Barium</i>	<i>100</i>	<i>109</i>	<i>109</i>
<i>Beryllium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Boron</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Cadmium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Calcium</i>	<i>500000</i>	<i>458877</i>	<i>92</i>
<i>Chromium</i>	<i>100</i>	<i>96.5</i>	<i>96</i>
<i>Cobalt</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Copper</i>	<i>100</i>	<i>109</i>	<i>109</i>
<i>Iron</i>	<i>200000</i>	<i>197227</i>	<i>99</i>
<i>Lead</i>	<i>100</i>	<i>99.4</i>	<i>99</i>
<i>Magnesium</i>	<i>500000</i>	<i>527605</i>	<i>105</i>
<i>Manganese</i>	<i>100</i>	<i>95.8</i>	<i>96</i>
<i>Molybdenum</i>	<i>100</i>	<i>104</i>	<i>104</i>
<i>Nickel</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Potassium</i>	<i>10000</i>	<i>11172</i>	<i>112</i>
<i>Selenium</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Sodium</i>	<i>10000</i>	<i>9691</i>	<i>97</i>
<i>Thallium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Tin</i>	<i>100</i>	<i>89.2</i>	<i>89</i>
<i>Titanium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Vanadium</i>	<i>100</i>	<i>104</i>	<i>104</i>
<i>Zinc</i>	<i>100</i>	<i>109</i>	<i>109</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.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-78770/8 Instrument ID: ICP4
 Lab File ID: 07052011.asc ICS Source: ME_ICSA_Duo_00031
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	488200	98
Antimony		0.989	
Arsenic		-0.236	
Barium		1.30	
Beryllium		-0.0535	
Cadmium		-0.591	
Calcium	500000	446900	89
Chromium		-3.26	
Cobalt		-0.687	
Copper		0.760	
Iron	200000	193300	97
Lead		-2.27	
Magnesium	500000	494100	99
Manganese		-0.950	
Nickel		-1.87	
Potassium		3.74	
Selenium		0.892	
Silver		0.719	
Sodium		-90.7	
Thallium		0.188	
Vanadium		-1.11	
Zinc		-1.18	
<i>Boron</i>		<i>1.63</i>	
<i>Molybdenum</i>		<i>-3.29</i>	
<i>Strontium</i>		<i>-1.33</i>	
<i>Tin</i>		<i>-0.609</i>	
<i>Titanium</i>		<i>1.39</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.: 460-28327-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-78770/9 Instrument ID: ICP4
 Lab File ID: 07052011.asc ICS Source: ME_ICSAB_DUO_00029
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	494300	99
Antimony	100	95.3	95
Arsenic	100	96.6	97
Barium	100	100	100
Beryllium	100	98.3	98
Cadmium	100	95.1	95
Calcium	500000	451100	90
Chromium	100	94.1	94
Cobalt	100	94.3	94
Copper	100	99.0	99
Iron	200000	195900	98
Lead	100	93.3	93
Magnesium	500000	497600	100
Manganese	100	99.8	100
Nickel	100	92.6	93
Potassium	10000	10410	104
Selenium	100	96.6	97
Silver	100	102	102
Sodium	10000	10380	104
Thallium	100	92.9	93
Vanadium	100	98.4	98
Zinc	100	93.0	93
<i>Boron</i>	<i>100</i>	<i>96.0</i>	<i>96</i>
<i>Molybdenum</i>	<i>100</i>	<i>95.2</i>	<i>95</i>
<i>Strontium</i>	<i>100</i>	<i>98.5</i>	<i>98</i>
<i>Tin</i>	<i>100</i>	<i>94.8</i>	<i>95</i>
<i>Titanium</i>	<i>100</i>	<i>98.3</i>	<i>98</i>

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: SP-4-WATER MS

Lab ID: 460-28327-1 MS

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

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	2068	200 U	2000	103	75-125		6010B
Antimony	494.3	10.0 U	500	99	75-125		6010B
Arsenic	1996	5.0 U	2000	100	75-125		6010B
Barium	2121	119 J	2000	100	75-125		6010B
Beryllium	49.34	2.0 U	50.0	99	75-125		6010B
Cadmium	48.42	5.0 U	50.0	97	75-125		6010B
Calcium	89530	72100	20000	98	75-125		6010B
Chromium	196.6	10.0 U	200	98	75-125		6010B
Cobalt	490.8	50.0 U	500	98	75-125		6010B
Copper	242.9	25.0 U	250	97	75-125		6010B
Iron	1769	779	1000	99	75-125		6010B
Lead	486.1	5.0 U	500	97	75-125		6010B
Magnesium	33370	14700	20000	96	75-125		6010B
Manganese	3264	2900	500	98	75-125	4	6010B
Nickel	488.9	6.2 J	500	97	75-125		6010B
Potassium	25180	3350 J	20000	109	75-125		6010B
Selenium	1942	10.0 U	2000	97	75-125		6010B
Silver	47.35	10.0 U	50.0	92	75-125		6010B
Sodium	123800	106000	20000	105	75-125	4	6010B
Thallium	1966	10.0 U	2000	98	75-125		6010B
Vanadium	482.9	50.0 U	500	97	75-125		6010B
Zinc	477.6	9.1 J	500	94	75-125		6010B
Mercury	1.15	0.20 U	1.00	115	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: 460-28102-E-1-E MS ^10
 Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 Matrix: Solid Concentration Units: mg/Kg
 % Solids: 90.6

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	15590	13300	216	1052	75-125	4	6010B
Antimony	46.47	2.2 U	54.1	86	75-125		6010B
Arsenic	195.6	3.3	216	89	75-125		6010B
Barium	250.0	41.2 J	216	96	75-125		6010B
Beryllium	6.35	1.2	5.41	95	75-125		6010B
Cadmium	4.88	1.1 U	5.41	90	75-125		6010B
Calcium	34690	11700	2160	1063	75-125	4	6010B
Chromium	64.77	41.9	21.6	106	75-125		6010B
Cobalt	64.44	12.0	54.1	97	75-125		6010B
Copper	31.45	5.7	27.1	95	75-125		6010B
Iron	28380	27300	108	965	75-125	4	6010B
Lead	56.49	3.0	54.1	99	75-125		6010B
Magnesium	23290	12800	2160	486	75-125	4	6010B
Manganese	615.2	486	54.1	239	75-125	4	6010B
Nickel	85.06	31.4	54.1	99	75-125		6010B
Potassium	2254 J	244 J	2160	93	75-125		6010B
Selenium	190.9	2.2 U	216	88	75-125		6010B
Silver	7.28	2.2 U	5.41	135	75-125	F	6010B
Sodium	2101 J	1080 U	2160	97	75-125		6010B
Thallium	217.1	2.2 U	216	100	75-125		6010B
Vanadium	94.09	41.8	54.1	97	75-125		6010B
Zinc	133.4	73.4	54.1	111	75-125		6010B

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-28310-C-6-F MS
Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
Matrix: Solid Concentration Units: mg/Kg
% Solids: 77.6

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.243	0.043	U 0.215	113	75-125		7471A

SSR = Spiked Sample Result

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

6-IN
DUPLICATES
METALS

Client ID: SP-4-WATER DU

Lab ID: 460-28327-1 DU

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

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	119 J	117.0 J	1		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	72100	70810	2		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	779	780.1	0.2		6010B
Lead	5.0	5.0 U	5.0 U	NC		6010B
Magnesium	5000	14700	14370	2		6010B
Manganese	15.0	2900	2814	3		6010B
Nickel	40.0	6.2 J	5.56 J	11		6010B
Potassium	5000	3350 J	3372 J	0.7		6010B
Selenium	10.0	10.0 U	10.0 U	NC		6010B
Silver	10.0	10.0 U	1.65 J	NC		6010B
Sodium	5000	106000	104400	2		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	9.1 J	7.46 J	20.0		6010B
Mercury	0.20	0.20 U	0.20 U	NC		7470A

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-28102-E-1-D DU ^10
 Lab Name: TestAmerica Edison Job No.: 460-28327-1
 SDG No.: _____
 % Solids for Sample: 90.6 % Solids for Duplicate: 90.6
 Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	108	13300	14800	11		6010B
Antimony	5.4	2.2 U	5.4 U	NC		6010B
Arsenic	2.7	3.3	3.79	13		6010B
Barium	108	41.2 J	45.27 J	9.0		6010B
Beryllium	1.1	1.2	1.33	7		6010B
Cadmium	2.7	1.1 U	2.7 U	NC		6010B
Calcium	2710	11700	10950	7		6010B
Chromium	5.4	41.9	47.74	13		6010B
Cobalt	27.1	12.0	13.54 J	12		6010B
Copper	13.5	5.7	5.67 J	0.4		6010B
Iron	81.2	27300	30580	11		6010B
Lead	2.7	3.0	3.23	7		6010B
Magnesium	2710	12800	13340	4		6010B
Manganese	8.1	486	518.3	6		6010B
Nickel	21.6	31.4	34.76	10.0		6010B
Potassium	2710	244 J	260.2 J	6		6010B
Selenium	5.4	2.2 U	5.4 U	NC		6010B
Silver	5.4	2.2 U	5.4 U	NC		6010B
Sodium	2710	1080 U	2710 U	NC		6010B
Thallium	5.4	2.2 U	5.4 U	NC		6010B
Vanadium	27.1	41.8	45.79	9		6010B
Zinc	16.2	73.4	83.54	13		6010B

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-28310-C-6-E DU
Lab Name: TestAmerica Edison Job No.: 460-28327-1
SDG No.: _____
% Solids for Sample: 77.6 % Solids for Duplicate: 77.6
Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.043	0.043 U	0.043 U	NC		7471A

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

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-78703/2-A ^4

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10400	8693		84	46.1	154		6010B
Antimony	66.7	177.0		265	32.0	353		6010B
Arsenic	103	98.28		95	69.7	131		6010B
Barium	196	193.1		99	73.2	126		6010B
Beryllium	76.8	76.16		99	74.0	126		6010B
Cadmium	60.1	60.99		101	73.3	127		6010B
Calcium	9770	10150		104	75.4	125		6010B
Chromium	234	236.0		101	70.8	129		6010B
Cobalt	90.3	95.64		106	74.4	126		6010B
Copper	172	172.9		100	75.3	124		6010B
Iron	17800	18770		105	42.1	158		6010B
Lead	85.1	85.05		100	69.8	130		6010B
Magnesium	3960	3707		94	69.5	131		6010B
Manganese	552	573.9		104	77.4	123		6010B
Nickel	133	142.1		107	73.2	127		6010B
Potassium	4260	4079		96	65.3	135		6010B
Selenium	283	273.1		96	69.6	130		6010B
Silver	29.8	27.50		92	65.1	135		6010B
Sodium	1010	972.9	J	96	60.2	139		6010B
Thallium	120	132.8		111	67.8	133		6010B
Vanadium	114	114.9		101	67.6	132		6010B
Zinc	588	591.9		101	73.6	127		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 460-79125/2-A

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00025

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2008		100	80	120		6010B
Antimony	500	490.3		98	80	120		6010B
Arsenic	2000	1988		99	80	120		6010B
Barium	2000	1975		99	80	120		6010B
Beryllium	50.0	49.45		99	80	120		6010B
Cadmium	50.0	49.32		99	80	120		6010B
Calcium	20000	20080		100	80	120		6010B
Chromium	200	198.2		99	80	120		6010B
Cobalt	500	490.4		98	80	120		6010B
Copper	250	236.0		94	80	120		6010B
Iron	1000	1011		101	80	120		6010B
Lead	500	487.6		98	80	120		6010B
Magnesium	20000	18640		93	80	120		6010B
Manganese	500	490.9		98	80	120		6010B
Nickel	500	488.2		98	80	120		6010B
Potassium	20000	20230		101	80	120		6010B
Selenium	2000	1950		97	80	120		6010B
Silver	50.0	45.45		91	80	120		6010B
Sodium	20000	18810		94	80	120		6010B
Thallium	2000	1971		99	80	120		6010B
Vanadium	500	481.3		96	80	120		6010B
Zinc	500	477.0		95	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 460-78815/2-A

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00575

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.02		102	80	120		7470A

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

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-78857/11-A ^10

Lab Name: TestAmerica Edison

Job No.: 460-28327-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00011

Analyte	Solid (mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	8.46	8.85		105	51.3	149		7471A

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

FORM VIIA - IN

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

Lab ID: 460-28327-1

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-28327-1

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	119	J	111.7	J	NC		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	72100		69940		0.03		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	779		836.9		NC		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	14700		13940	J	1.2		6010B
Manganese	2900		2780		0.20		6010B
Nickel	6.2	J	200	U	NC		6010B
Potassium	3350	J	1552	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	J	5.93	J	NC		6010B
Sodium	106000		99040		3.6		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	9.1	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: 460-28102-E-1-C SD ^50

SDG No: _____

Lab Name: TestAmerica Edison

Job No: 460-28327-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	14400		15060		4.6		6010B
Antimony	5.4	U	27.1	U	NC		6010B
Arsenic	3.2		13.5	U	NC		6010B
Barium	45.2	J	47.29	J	NC		6010B
Beryllium	1.4		5.4	U	NC		6010B
Cadmium	2.7	U	13.5	U	NC		6010B
Calcium	12800		13300	J	3.9		6010B
Chromium	45.8		47.24		NC		6010B
Cobalt	13.3	J	135	U	NC		6010B
Copper	5.4	J	67.6	U	NC		6010B
Iron	30100		31410		4.3		6010B
Lead	4.0		13.5	U	NC		6010B
Magnesium	14000		14500		3.8		6010B
Manganese	535		559.2		4.5		6010B
Nickel	35.0		36.87	J	NC		6010B
Potassium	277	J	13500	U	NC		6010B
Selenium	5.4	U	27.1	U	NC		6010B
Silver	5.4	U	27.1	U	NC		6010B
Sodium	2710	U	13500	U	NC		6010B
Thallium	5.4	U	27.1	U	NC		6010B
Vanadium	45.3		47.34	J	NC		6010B
Zinc	81.2		84.49		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: 460-28327-1

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-28327-1

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: 460-28327-1
 SDG Number: _____
 Matrix: Water Instrument ID: ICP2
 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: 460-28327-1
SDG Number: _____
Matrix: Water Instrument ID: ICP2
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: 460-28327-1
 SDG Number: _____
 Matrix: Solid Instrument ID: ICP4
 Method: 6010B MDL Date: 12/30/2008 10:24
 Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum	308.0	10	3.664
Antimony	206.8	0.5	0.22
Arsenic	189.0	0.25	0.174
Barium	483.4	10	0.302
Beryllium	313.0	0.1	0.044
Cadmium	226.5	0.25	0.039
Calcium	317.9	250	6.574
Chromium	267.7	0.5	0.297
Cobalt	228.6	2.5	0.307
Copper	324.7	1.25	0.204
Iron	271.4	7.5	2.654
Lead	220.6	0.25	0.125
Magnesium	279.0	250	2.645
Manganese	257.0	0.75	0.282
Nickel	231.6	2	0.134
Potassium	766.4	250	11.284
Selenium	196.0	0.5	0.234
Silver	328.0	0.5	0.038
Sodium	330.2	250	15.352
Thallium	190.8	0.5	0.242
Vanadium	292.4	2.5	0.13
Zinc	206.2	1.5	0.245

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-28327-1
SDG Number: _____
Matrix: Solid Instrument ID: ICP4
Method: 6010B XMDL Date: 01/01/2009 00:00

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	58.863
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: 460-28327-1
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: 460-28327-1
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

Lab Name: TestAmerica Edison Job Number: 460-28327-1
SDG Number: _____
Matrix: Solid Instrument ID: LEEMAN5
Method: 7471A MDL Date: 03/23/2011 11:28
Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-28327-1
SDG Number: _____
Matrix: Solid Instrument ID: LEEMAN5
Method: 7471A XMDL Date: 12/30/2008 14:34

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: 460-28327-1

SDG No.: _____

Instrument ID: ICP2

Date: 01/06/2009 11:12

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		500000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		500000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		500000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison

Job No: 460-28327-1

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.: 460-28327-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-78703/1-A ^2	07/01/2011 17:45	78703	1.00		50
LCSSRM 460-78703/2-A ^4	07/01/2011 17:45	78703	1.01		50
460-28327-6	07/01/2011 17:45	78703	1.01		50
460-28327-7	07/01/2011 17:45	78703	1.05		50
460-28327-8	07/01/2011 17:45	78703	1.04		50
460-28327-9	07/01/2011 17:45	78703	1.10		50
460-28327-10	07/01/2011 17:45	78703	1.08		50
460-28102-E-1-D DU ^10	07/01/2011 17:45	78703	1.02		50
460-28102-E-1-E MS ^10	07/01/2011 17:45	78703	1.02		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-79125/1-A	07/07/2011 18:00	79125		100	100
LCS 460-79125/2-A	07/07/2011 18:00	79125		100	100
460-28327-1	07/07/2011 18:00	79125		100	100
460-28327-1 DU	07/07/2011 18:00	79125		100	100
460-28327-1 MS	07/07/2011 18:00	79125		100	100
460-28327-2	07/07/2011 18:00	79125		100	100
460-28327-3	07/07/2011 18:00	79125		100	100
460-28327-4	07/07/2011 18:00	79125		100	100
460-28327-5	07/07/2011 18:00	79125		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-78815/1-A	07/05/2011 11:56	78815		30	30
LCS 460-78815/2-A	07/05/2011 11:56	78815		30	30
460-28327-1	07/05/2011 11:56	78815		30	30
460-28327-1 DU	07/05/2011 11:56	78815		30	30
460-28327-1 MS	07/05/2011 11:56	78815		30	30
460-28327-2	07/05/2011 11:56	78815		30	30
460-28327-3	07/05/2011 11:56	78815		30	30
460-28327-4	07/05/2011 11:56	78815		30	30
460-28327-5	07/05/2011 11:56	78815		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-78857/10-A	07/05/2011 18:00	78857	0.60		100
LCSSRM 460-78857/11-A ^10	07/05/2011 18:00	78857	0.60		100
460-28310-C-6-E DU	07/05/2011 18:00	78857	0.60		100
460-28310-C-6-F MS	07/05/2011 18:00	78857	0.60		100
460-28327-6	07/05/2011 18:00	78857	0.66		100
460-28327-7	07/05/2011 18:00	78857	0.67		100
460-28327-8	07/05/2011 18:00	78857	0.64		100
460-28327-9	07/05/2011 18:00	78857	0.60		100
460-28327-10	07/05/2011 18:00	78857	0.65		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 07/07/2011 15:21 End Date: 07/08/2011 01:46

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			15:21																				
ZZZZZZ			15:28																				
ZZZZZZ			15:34																				
ZZZZZZ			15:40																				
ICV 460-79135/5	1		15:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-79135/6	1		15:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-79135/7	1		15:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-79135/8	1		16:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			16:11																				
ZZZZZZ			16:17																				
ZZZZZZ			16:23																				
ZZZZZZ			16:29																				
ZZZZZZ			16:35																				
ZZZZZZ			16:41																				
ZZZZZZ			16:48																				
ZZZZZZ			16:54																				
CCV 460-79135/17			17:00																				
CCB 460-79135/18			17:06																				
ZZZZZZ			17:12																				
ZZZZZZ			17:18																				
ZZZZZZ			17:24																				
ZZZZZZ			17:31																				
ZZZZZZ			17:37																				
ZZZZZZ			17:43																				
ZZZZZZ			17:49																				
ZZZZZZ			17:55																				
ZZZZZZ			18:01																				
ZZZZZZ			18:07																				
CCV 460-79135/29			18:14																				
CCB 460-79135/30			18:20																				
ZZZZZZ			18:26																				
ZZZZZZ			18:32																				
ZZZZZZ			18:38																				
ZZZZZZ			18:44																				
ZZZZZZ			18:50																				
ZZZZZZ			18:57																				
ZZZZZZ			19:03																				
ZZZZZZ			19:09																				
ZZZZZZ			19:15																				
ZZZZZZ			19:21																				
CCV 460-79135/41			19:27																				
CCB 460-79135/42			19:33																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 07/07/2011 15:21 End Date: 07/08/2011 01:46

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			19:40																				
ZZZZZZ			19:46																				
CCV 460-79135/45			19:52																				
CCB 460-79135/46			19:58																				
CCV 460-79135/47			22:30																				
CCB 460-79135/48			22:36																				
ZZZZZZ			22:42																				
ZZZZZZ			22:48																				
ZZZZZZ			22:55																				
ZZZZZZ			23:01																				
ZZZZZZ			23:07																				
ZZZZZZ			23:13																				
ZZZZZZ			23:19																				
ZZZZZZ			23:31																				
ZZZZZZ			23:37																				
ZZZZZZ			23:43																				
CCV 460-79135/59			23:49																				
CCB 460-79135/60			23:55																				
ZZZZZZ			00:02																				
CCV 460-79135/62	1		00:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-79135/63	1		00:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-79125/1-A	1	T	00:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LCS 460-79125/2-A	1	T	00:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-1 DU	1	T	00:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-1	1	T	00:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-1 SD	5	T	00:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-1 MS	1	T	00:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			00:57																				
460-28327-2	1	T	01:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-3	1	T	01:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-4	1	T	01:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-79135/74	1		01:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-79135/75	1		01:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-5	1	T	01:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-79135/77	1		01:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-79135/78	1		01:46	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.: 460-28327-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 07/07/2011 15:21 End Date: 07/08/2011 01:46

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			15:21																		
ZZZZZZ			15:28																		
ZZZZZZ			15:34																		
ZZZZZZ			15:40																		
ICV 460-79135/5	1		15:46	X	X																
ICB 460-79135/6	1		15:52	X	X																
ICSA 460-79135/7	1		15:58	X	X																
ICSAB 460-79135/8	1		16:05	X	X																
ZZZZZZ			16:11																		
ZZZZZZ			16:17																		
ZZZZZZ			16:23																		
ZZZZZZ			16:29																		
ZZZZZZ			16:35																		
ZZZZZZ			16:41																		
ZZZZZZ			16:48																		
ZZZZZZ			16:54																		
CCV 460-79135/17			17:00																		
CCB 460-79135/18			17:06																		
ZZZZZZ			17:12																		
ZZZZZZ			17:18																		
ZZZZZZ			17:24																		
ZZZZZZ			17:31																		
ZZZZZZ			17:37																		
ZZZZZZ			17:43																		
ZZZZZZ			17:49																		
ZZZZZZ			17:55																		
ZZZZZZ			18:01																		
ZZZZZZ			18:07																		
CCV 460-79135/29			18:14																		
CCB 460-79135/30			18:20																		
ZZZZZZ			18:26																		
ZZZZZZ			18:32																		
ZZZZZZ			18:38																		
ZZZZZZ			18:44																		
ZZZZZZ			18:50																		
ZZZZZZ			18:57																		
ZZZZZZ			19:03																		
ZZZZZZ			19:09																		
ZZZZZZ			19:15																		
ZZZZZZ			19:21																		
CCV 460-79135/41			19:27																		
CCB 460-79135/42			19:33																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 07/07/2011 15:21 End Date: 07/08/2011 01:46

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			19:40																		
ZZZZZZ			19:46																		
CCV 460-79135/45			19:52																		
CCB 460-79135/46			19:58																		
CCV 460-79135/47			22:30																		
CCB 460-79135/48			22:36																		
ZZZZZZ			22:42																		
ZZZZZZ			22:48																		
ZZZZZZ			22:55																		
ZZZZZZ			23:01																		
ZZZZZZ			23:07																		
ZZZZZZ			23:13																		
ZZZZZZ			23:19																		
ZZZZZZ			23:31																		
ZZZZZZ			23:37																		
ZZZZZZ			23:43																		
CCV 460-79135/59			23:49																		
CCB 460-79135/60			23:55																		
ZZZZZZ			00:02																		
CCV 460-79135/62	1		00:08	X	X																
CCB 460-79135/63	1		00:14	X	X																
MB 460-79125/1-A	1	T	00:20	X	X																
LCS 460-79125/2-A	1	T	00:26	X	X																
460-28327-1 DU	1	T	00:32	X	X																
460-28327-1	1	T	00:38	X	X																
460-28327-1 SD	5	T	00:45	X	X																
460-28327-1 MS	1	T	00:51	X	X																
ZZZZZZ			00:57																		
460-28327-2	1	T	01:03	X	X																
460-28327-3	1	T	01:09	X	X																
460-28327-4	1	T	01:15	X	X																
CCV 460-79135/74	1		01:21	X	X																
CCB 460-79135/75	1		01:28	X	X																
460-28327-5	1	T	01:34	X	X																
CCV 460-79135/77	1		01:40	X	X																
CCB 460-79135/78	1		01:46	X	X																

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 07/08/2011 17:07 End Date: 07/08/2011 22:10

Lab Sample ID	D / F	T y p e	Time	Analytes															
				A g															
ZZZZZZ			17:07																
ZZZZZZ			17:13																
ZZZZZZ			17:19																
ZZZZZZ			17:25																
ICV 460-79298/5	1		17:32	X															
ICB 460-79298/6	1		17:38	X															
ICSA 460-79298/7	1		17:44	X															
ICSAB 460-79298/8	1		17:50	X															
ZZZZZZ			17:56																
ZZZZZZ			18:02																
ZZZZZZ			18:08																
ZZZZZZ			18:15																
ZZZZZZ			18:21																
ZZZZZZ			18:27																
ZZZZZZ			18:33																
ZZZZZZ			18:39																
CCV 460-79298/17	1		18:45	X															
CCB 460-79298/18	1		18:52	X															
ZZZZZZ			18:58																
ZZZZZZ			19:04																
ZZZZZZ			19:10																
ZZZZZZ			19:16																
ZZZZZZ			19:22																
MB 460-79125/1-A	1	T	19:28	X															
460-28327-1	1	T	19:35	X															
460-28327-2	1	T	19:41	X															
460-28327-5	1	T	19:47	X															
CCV 460-79298/28	1		19:53	X															
CCB 460-79298/29	1		19:59	X															
ZZZZZZ			20:23																
ZZZZZZ			20:29																
ZZZZZZ			20:35																
ZZZZZZ			20:41																
ZZZZZZ			20:51																
ZZZZZZ			20:57																
ZZZZZZ			21:03																
ZZZZZZ			21:09																
ZZZZZZ			21:15																
ZZZZZZ			21:21																
CCV 460-79298/40			21:27																
CCB 460-79298/41			21:34																
ZZZZZZ			21:40																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 07/08/2011 17:07 End Date: 07/08/2011 22:10

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				A g																	
ZZZZZZ			21:46																		
ZZZZZZ			21:52																		
ZZZZZZ			21:58																		
CCV 460-79298/46			22:04																		
CCB 460-79298/47			22:10																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

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			10:00																				
ZZZZZZ			10:04																				
ZZZZZZ			10:07																				
ZZZZZZ			10:11																				
ZZZZZZ			10:15																				
ICV 460-78770/6	1		10:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-78770/7	1		10:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-78770/8	1		10:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-78770/9	1		10:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			10:35																				
ZZZZZZ			10:39																				
ZZZZZZ			10:42																				
ZZZZZZ			10:46																				
ZZZZZZ			10:50																				
ZZZZZZ			10:53																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
CCV 460-78770/18	1		11:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-78770/19	1		11:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-78703/1-A ^2	2	T	11:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			11:16																				
ZZZZZZ			11:20																				
ZZZZZZ			11:23																				
ZZZZZZ			11:27																				
ZZZZZZ			11:31																				
ZZZZZZ			11:35																				
ZZZZZZ			11:38																				
ZZZZZZ			11:42																				
ZZZZZZ			11:46																				
CCV 460-78770/30	1		11:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-78770/31	1		11:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-6	4	T	11:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-7	4	T	12:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-8	4	T	12:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-9	4	T	12:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-28327-10	4	T	12:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			12:16																				
ZZZZZZ			12:20																				
ZZZZZZ			12:23																				
ZZZZZZ			12:27																				
ZZZZZZ			12:31																				
CCV 460-78770/42	1		12:34	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.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

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 460-78770/43	1		12:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:50																				
ZZZZZZ			12:53																				
ZZZZZZ			12:57																				
ZZZZZZ			13:01																				
ZZZZZZ			13:04																				
ZZZZZZ			13:08																				
ZZZZZZ			13:12																				
ZZZZZZ			13:15																				
CCV 460-78770/54			13:19																				
CCB 460-78770/55			13:23																				
ZZZZZZ			13:27																				
ZZZZZZ			13:30																				
ZZZZZZ			13:34																				
ZZZZZZ			13:38																				
ZZZZZZ			13:42																				
ZZZZZZ			13:45																				
ZZZZZZ			13:49																				
ZZZZZZ			13:53																				
ZZZZZZ			13:57																				
ZZZZZZ			14:00																				
CCV 460-78770/66	1		14:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-78770/67	1		14:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:12																				
ZZZZZZ			14:16																				
460-28102-E-1-D DU ^10	10	T	14:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:23																				
460-28102-E-1-C SD ^50	50	T	14:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-28102-E-1-E MS ^10	10	T	14:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-78703/2-A ^4	4	T	14:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:38																				
ZZZZZZ			14:41																				
ZZZZZZ			14:45																				
CCV 460-78770/78	1		14:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-78770/79	1		14:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:57																				
ZZZZZZ			15:00																				
ZZZZZZ			15:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

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			15:08																			
ZZZZZZ			15:12																			
ZZZZZZ			15:15																			
ZZZZZZ			15:19																			
ZZZZZZ			15:22																			
ZZZZZZ			15:26																			
ZZZZZZ			15:30																			
CCV 460-78770/90			15:34																			
CCB 460-78770/91			15:37																			
ZZZZZZ			15:41																			
ZZZZZZ			15:45																			
ZZZZZZ			15:49																			
ZZZZZZ			15:52																			
ZZZZZZ			15:56																			
ZZZZZZ			16:00																			
ZZZZZZ			16:04																			
ZZZZZZ			16:07																			
ZZZZZZ			16:11																			
ZZZZZZ			16:15																			
CCV 460-78770/102			16:19																			
CCB 460-78770/103			16:22																			
ZZZZZZ			16:26																			
ZZZZZZ			16:30																			
ZZZZZZ			16:34																			
ZZZZZZ			16:37																			
ZZZZZZ			16:41																			
ZZZZZZ			16:45																			
ZZZZZZ			16:49																			
ZZZZZZ			16:52																			
ZZZZZZ			16:56																			
ZZZZZZ			17:00																			
CCV 460-78770/114			17:04																			
CCB 460-78770/115			17:07																			
ZZZZZZ			17:11																			
ZZZZZZ			17:15																			
ZZZZZZ			17:19																			
ZZZZZZ			17:22																			
ZZZZZZ			17:26																			
ZZZZZZ			17:30																			
ZZZZZZ			17:33																			
ZZZZZZ			17:37																			
ZZZZZZ			17:41																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

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			17:45																			
CCV 460-78770/126			17:48																			
CCB 460-78770/127			17:52																			
ZZZZZZ			17:56																			
ZZZZZZ			18:00																			
ZZZZZZ			18:04																			
ZZZZZZ			18:07																			
ZZZZZZ			18:11																			
ZZZZZZ			18:15																			
ZZZZZZ			18:18																			
ZZZZZZ			18:22																			
ZZZZZZ			18:26																			
ZZZZZZ			18:30																			
CCV 460-78770/138			18:33																			
CCB 460-78770/139			18:37																			
ZZZZZZ			18:41																			
ZZZZZZ			18:45																			
ZZZZZZ			18:48																			
ZZZZZZ			18:52																			
ZZZZZZ			18:56																			
ZZZZZZ			19:00																			
ZZZZZZ			19:03																			
ZZZZZZ			19:07																			
ZZZZZZ			19:11																			
ZZZZZZ			19:14																			
CCV 460-78770/150			19:18																			
CCB 460-78770/151			19:22																			
ZZZZZZ			19:26																			
ZZZZZZ			19:29																			
ZZZZZZ			19:33																			
ZZZZZZ			19:37																			
ZZZZZZ			19:41																			
ZZZZZZ			19:44																			
ZZZZZZ			19:48																			
ZZZZZZ			19:52																			
ZZZZZZ			19:55																			
ZZZZZZ			19:59																			
CCV 460-78770/162			20:03																			
CCB 460-78770/163			20:07																			
ZZZZZZ			20:11																			
ZZZZZZ			20:14																			
ZZZZZZ			20:18																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

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
CCV 460-78770/167			20:22																			
CCB 460-78770/168			20:26																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			10:00																		
ZZZZZZ			10:04																		
ZZZZZZ			10:07																		
ZZZZZZ			10:11																		
ZZZZZZ			10:15																		
ICV 460-78770/6	1		10:19	X	X																
ICB 460-78770/7	1		10:23	X	X																
ICSA 460-78770/8	1		10:27	X	X																
ICSAB 460-78770/9	1		10:31	X	X																
ZZZZZZ			10:35																		
ZZZZZZ			10:39																		
ZZZZZZ			10:42																		
ZZZZZZ			10:46																		
ZZZZZZ			10:50																		
ZZZZZZ			10:53																		
ZZZZZZ			10:57																		
ZZZZZZ			11:00																		
CCV 460-78770/18	1		11:04	X	X																
CCB 460-78770/19	1		11:08	X	X																
MB 460-78703/1-A ^2	2	T	11:12	X	X																
ZZZZZZ			11:16																		
ZZZZZZ			11:20																		
ZZZZZZ			11:23																		
ZZZZZZ			11:27																		
ZZZZZZ			11:31																		
ZZZZZZ			11:35																		
ZZZZZZ			11:38																		
ZZZZZZ			11:42																		
ZZZZZZ			11:46																		
CCV 460-78770/30	1		11:49	X	X																
CCB 460-78770/31	1		11:53	X	X																
460-28327-6	4	T	11:57	X	X																
460-28327-7	4	T	12:01	X	X																
460-28327-8	4	T	12:05	X	X																
460-28327-9	4	T	12:09	X	X																
460-28327-10	4	T	12:12	X	X																
ZZZZZZ			12:16																		
ZZZZZZ			12:20																		
ZZZZZZ			12:23																		
ZZZZZZ			12:27																		
ZZZZZZ			12:31																		
CCV 460-78770/42	1		12:34	X	X																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCB 460-78770/43	1		12:38	X	X																
ZZZZZZ			12:42																		
ZZZZZZ			12:46																		
ZZZZZZ			12:50																		
ZZZZZZ			12:53																		
ZZZZZZ			12:57																		
ZZZZZZ			13:01																		
ZZZZZZ			13:04																		
ZZZZZZ			13:08																		
ZZZZZZ			13:12																		
ZZZZZZ			13:15																		
CCV 460-78770/54			13:19																		
CCB 460-78770/55			13:23																		
ZZZZZZ			13:27																		
ZZZZZZ			13:30																		
ZZZZZZ			13:34																		
ZZZZZZ			13:38																		
ZZZZZZ			13:42																		
ZZZZZZ			13:45																		
ZZZZZZ			13:49																		
ZZZZZZ			13:53																		
ZZZZZZ			13:57																		
ZZZZZZ			14:00																		
CCV 460-78770/66	1		14:04	X	X																
CCB 460-78770/67	1		14:08	X	X																
ZZZZZZ			14:12																		
ZZZZZZ			14:16																		
460-28102-E-1-D DU ^10	10	T	14:19	X	X																
ZZZZZZ			14:23																		
460-28102-E-1-C SD ^50	50	T	14:27	X	X																
460-28102-E-1-E MS ^10	10	T	14:30	X	X																
LCSSRM 460-78703/2-A ^4	4	T	14:34	X	X																
ZZZZZZ			14:38																		
ZZZZZZ			14:41																		
ZZZZZZ			14:45																		
CCV 460-78770/78	1		14:49	X	X																
CCB 460-78770/79	1		14:53	X	X																
ZZZZZZ			14:57																		
ZZZZZZ			15:00																		
ZZZZZZ			15:04																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			15:08																		
ZZZZZZ			15:12																		
ZZZZZZ			15:15																		
ZZZZZZ			15:19																		
ZZZZZZ			15:22																		
ZZZZZZ			15:26																		
ZZZZZZ			15:30																		
CCV 460-78770/90			15:34																		
CCB 460-78770/91			15:37																		
ZZZZZZ			15:41																		
ZZZZZZ			15:45																		
ZZZZZZ			15:49																		
ZZZZZZ			15:52																		
ZZZZZZ			15:56																		
ZZZZZZ			16:00																		
ZZZZZZ			16:04																		
ZZZZZZ			16:07																		
ZZZZZZ			16:11																		
ZZZZZZ			16:15																		
CCV 460-78770/102			16:19																		
CCB 460-78770/103			16:22																		
ZZZZZZ			16:26																		
ZZZZZZ			16:30																		
ZZZZZZ			16:34																		
ZZZZZZ			16:37																		
ZZZZZZ			16:41																		
ZZZZZZ			16:45																		
ZZZZZZ			16:49																		
ZZZZZZ			16:52																		
ZZZZZZ			16:56																		
ZZZZZZ			17:00																		
CCV 460-78770/114			17:04																		
CCB 460-78770/115			17:07																		
ZZZZZZ			17:11																		
ZZZZZZ			17:15																		
ZZZZZZ			17:19																		
ZZZZZZ			17:22																		
ZZZZZZ			17:26																		
ZZZZZZ			17:30																		
ZZZZZZ			17:33																		
ZZZZZZ			17:37																		
ZZZZZZ			17:41																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

Lab Sample ID	D / F	T y p e	Time	Analytes															
				V	Z n														
ZZZZZZ			17:45																
CCV 460-78770/126			17:48																
CCB 460-78770/127			17:52																
ZZZZZZ			17:56																
ZZZZZZ			18:00																
ZZZZZZ			18:04																
ZZZZZZ			18:07																
ZZZZZZ			18:11																
ZZZZZZ			18:15																
ZZZZZZ			18:18																
ZZZZZZ			18:22																
ZZZZZZ			18:26																
ZZZZZZ			18:30																
CCV 460-78770/138			18:33																
CCB 460-78770/139			18:37																
ZZZZZZ			18:41																
ZZZZZZ			18:45																
ZZZZZZ			18:48																
ZZZZZZ			18:52																
ZZZZZZ			18:56																
ZZZZZZ			19:00																
ZZZZZZ			19:03																
ZZZZZZ			19:07																
ZZZZZZ			19:11																
ZZZZZZ			19:14																
CCV 460-78770/150			19:18																
CCB 460-78770/151			19:22																
ZZZZZZ			19:26																
ZZZZZZ			19:29																
ZZZZZZ			19:33																
ZZZZZZ			19:37																
ZZZZZZ			19:41																
ZZZZZZ			19:44																
ZZZZZZ			19:48																
ZZZZZZ			19:52																
ZZZZZZ			19:55																
ZZZZZZ			19:59																
CCV 460-78770/162			20:03																
CCB 460-78770/163			20:07																
ZZZZZZ			20:11																
ZZZZZZ			20:14																
ZZZZZZ			20:18																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 07/03/2011 10:00 End Date: 07/03/2011 20:26

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCV 460-78770/167			20:22																		
CCB 460-78770/168			20:26																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 07/05/2011 13:21 End Date: 07/05/2011 15:11

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-78815/14-A			13:21	X															
IC 460-78815/15-A			13:23	X															
IC 460-78815/16-A			13:25	X															
IC 460-78815/17-A			13:27	X															
IC 460-78815/18-A			13:29	X															
IC 460-78815/19-A			13:30	X															
ICV 460-78815/20-A	1		13:33	X															
ICB 460-78847/8	1		13:34	X															
ZZZZZZ			13:36																
ZZZZZZ			13:38																
MB 460-78815/1-A	1	T	13:40	X															
LCS 460-78815/2-A	1	T	13:42	X															
460-28327-1	1	T	13:43	X															
460-28327-1 DU	1	T	13:45	X															
460-28327-1 MS	1	T	13:47	X															
460-28327-2	1	T	13:49	X															
460-28327-3	1	T	13:51	X															
CCV 460-78815/22-A	1		13:53	X															
CCB 460-78847/19	1		13:55	X															
460-28327-4	1	T	13:57	X															
460-28327-5	1	T	13:59	X															
ZZZZZZ			14:01																
ZZZZZZ			14:03																
ZZZZZZ			14:05																
ZZZZZZ			14:06																
460-28327-1 SD	5	T	14:08	X															
CCV 460-78815/22-A	1		14:10	X															
CCB 460-78847/28	1		14:12	X															
ZZZZZZ			14:14																
ZZZZZZ			14:16																
ZZZZZZ			14:18																
ZZZZZZ			14:19																
ZZZZZZ			14:21																
ZZZZZZ			14:23																
ZZZZZZ			14:25																
ZZZZZZ			14:27																
CCV 460-78815/22-A			14:29																
CCB 460-78847/38			14:30																
ZZZZZZ			14:33																
ZZZZZZ			14:34																
ZZZZZZ			14:36																
ZZZZZZ			14:39																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 07/05/2011 13:21 End Date: 07/05/2011 15:11

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
ZZZZZZ			14:41																		
ZZZZZZ			14:43																		
ZZZZZZ			14:45																		
ZZZZZZ			14:46																		
CCV 460-78815/22-A			14:48																		
CCB 460-78847/48			14:50																		
ZZZZZZ			14:52																		
ZZZZZZ			14:54																		
ZZZZZZ			14:56																		
ZZZZZZ			14:58																		
ZZZZZZ			15:00																		
ZZZZZZ			15:01																		
ZZZZZZ			15:03																		
ZZZZZZ			15:05																		
ZZZZZZ			15:08																		
CCV 460-78815/22-A			15:09																		
CCB 460-78847/59			15:11																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 07/05/2011 21:05 End Date: 07/05/2011 23:07

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
IC 460-78857/1-A			21:05	X																	
IC 460-78857/2-A			21:07	X																	
IC 460-78857/3-A			21:09	X																	
IC 460-78857/4-A			21:12	X																	
IC 460-78857/5-A			21:13	X																	
IC 460-78857/6-A			21:15	X																	
ICV 460-78857/7-A	1		21:18	X																	
ICB 460-78873/8	1		21:20	X																	
MB 460-78857/10-A	1	T	21:22	X																	
LCSSRM 460-78857/11-A ^10	10	T	21:24	X																	
ZZZZZZ			21:26																		
460-28310-C-6-E DU	1	T	21:28	X																	
460-28310-C-6-F MS	1	T	21:30	X																	
ZZZZZZ			21:32																		
ZZZZZZ			21:34																		
ZZZZZZ			21:36																		
CCV 460-78857/8-A	1		21:37	X																	
CCB 460-78873/18	1		21:39	X																	
ZZZZZZ			21:41																		
ZZZZZZ			21:43																		
ZZZZZZ			21:45																		
ZZZZZZ			21:47																		
ZZZZZZ			21:50																		
ZZZZZZ			21:51																		
ZZZZZZ			21:53																		
ZZZZZZ			21:55																		
CCV 460-78857/8-A	1		21:58	X																	
CCB 460-78873/28	1		22:00	X																	
ZZZZZZ			22:02																		
ZZZZZZ			22:04																		
ZZZZZZ			22:06																		
460-28327-6	1	T	22:08	X																	
460-28327-7	1	T	22:10	X																	
460-28327-8	1	T	22:12	X																	
460-28327-9	1	T	22:14	X																	
460-28327-10	1	T	22:16	X																	
ZZZZZZ			22:18																		
ZZZZZZ			22:19																		
CCV 460-78857/8-A	1		22:21	X																	
CCB 460-78873/40	1		22:23	X																	
ZZZZZZ			22:25																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 07/05/2011 21:05 End Date: 07/05/2011 23:07

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
ZZZZZZ			22:28																		
ZZZZZZ			22:30																		
ZZZZZZ			22:32																		
ZZZZZZ			22:34																		
ZZZZZZ			22:36																		
ZZZZZZ			22:38																		
ZZZZZZ			22:40																		
ZZZZZZ			22:42																		
CCV 460-78857/8-A			22:44																		
CCB 460-78873/51			22:46																		
ZZZZZZ			22:49																		
ZZZZZZ			22:51																		
ZZZZZZ			22:53																		
ZZZZZZ			22:55																		
ZZZZZZ			22:57																		
ZZZZZZ			22:58																		
ZZZZZZ			23:01																		
ZZZZZZ			23:03																		
CCV 460-78857/8-A			23:05																		
CCB 460-78873/61			23:07																		

Prep Types

T = Total/NA

BATCH: 79135

79065V1
 79065V1-METHOD:6010B
 79118V1-METHOD:200.7
 79125V1-METHOD:6010B

Analysis Report

Summary

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 1052686	79065V1	SW846	07/07/11	15:46	S	CONC	
2	ICB	79065V1	SW846	07/07/11	15:52	S	CONC	
3	ICSA 1052690	79065V1	SW846	07/07/11	15:58	S	CONC	
4	ICSAB 1052692	79065V1	SW846	07/07/11	16:05	S	CONC	
5	INT-20	79065V1	SW846	07/07/11	16:11	S	CONC	
6	REPLIM	79065V1	SW846	07/07/11	16:17	S	CONC	
7	MB 460-79065/1-A	79065V1	SW846	07/07/11	16:23	S	CONC	
8	LCS 460-79065/2-A	79065V1	SW846	07/07/11	16:29	S	CONC	
9	460-28394-A-28-E DU	79065V1	SW846	07/07/11	16:35	S	CONC	
10	460-28394-A-28-D@5	79065V1	SW846	07/07/11	16:41	S	CONC	
11	SD 460-28394-A-28-D	79065V1	SW846	07/07/11	16:48	S	CONC	
12	460-28394-A-28-F MS	79065V1	SW846	07/07/11	16:54	S	CONC	
13	CCV 1052686	79065V1	SW846	07/07/11	17:00	S	CONC	
14	CCB	79065V1	SW846	07/07/11	17:06	S	CONC	
15	PS 460-28394-A-28-D	79065V1	SW846	07/07/11	17:12	S	CONC	
16	460-28223-A-1-P@5	79065V1	SW846	07/07/11	17:18	S	CONC	
17	460-28223-A-2-L@5	79065V1	SW846	07/07/11	17:24	S	CONC	
18	460-28223-A-3-N@5	79065V1	SW846	07/07/11	17:31	S	CONC	
19	460-28223-A-4-L@5	79065V1	SW846	07/07/11	17:37	S	CONC	
20	460-28223-A-5-L@5	79065V1	SW846	07/07/11	17:43	S	CONC	
21	460-28223-A-6-O@5	79065V1	SW846	07/07/11	17:49	S	CONC	
22	460-28223-A-7-K@5	79065V1	SW846	07/07/11	17:55	S	CONC	
23	460-28223-A-8-K@5	79065V1	SW846	07/07/11	18:01	S	CONC	
24	460-28223-A-9-N@5	79065V1	SW846	07/07/11	18:07	S	CONC	
25	4CV 1052686	79065V1	SW846	07/07/11	18:14	S	CONC	
26	CCB	79065V1	SW846	07/07/11	18:20	S	CONC	
27	460-28223-A-11-K@5	79065V1	SW846	07/07/11	18:26	S	CONC	
28	460-28223-A-13-K@5	79065V1	SW846	07/07/11	18:32	S	CONC	
29	460-28223-A-14-K@5	79065V1	SW846	07/07/11	18:38	S	CONC	
30	460-28223-A-15-K@5	79065V1	SW846	07/07/11	18:44	S	CONC	
31	460-28326-A-1-B@5	79065V1	SW846	07/07/11	18:50	S	CONC	
32	460-28376-A-8-B@5	79065V1	SW846	07/07/11	18:57	S	CONC	
33	460-28394-A-1-D@5	79065V1	SW846	07/07/11	19:03	S	CONC	
34	460-28394-A-10-E@5	79065V1	SW846	07/07/11	19:09	S	CONC	
35	460-28394-A-19-D@5	79065V1	SW846	07/07/11	19:15	S	CONC	
36	460-28394-A-37-D@5	79065V1	SW846	07/07/11	19:21	S	CONC	
37	CCV 1052686	79065V1	SW846	07/07/11	19:27	S	CONC	
38	CCB	79065V1	SW846	07/07/11	19:33	S	CONC	
39	LB 460-78983/1-D@5	79065V1	SW846	07/07/11	19:40	S	CONC	
40	LB 460-78986/1-D@5	79065V1	SW846	07/07/11	19:46	S	CONC	
41	CCV 1052686	79065V1	SW846	07/07/11	19:52	S	CONC	
42	CCB	79065V1	SW846	07/07/11	19:58	S	CONC	

Analysis Report

Averages

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 1052686	124900.	987.6	4937.	9920.	985.9	2467.
2	ICB	-19.87	-.1073	1.225	-.8097	.0520	-.2727
3	ICSA 1052690	479000.	-.5732	1.830	1.870	.0099	1.908
4	ICSAB 1052692	477300.	101.8	102.4	107.3	100.3	101.2
5	INT-20	37.29	-18.38	1.471	9750.	-.1989	-1.793
6	REPLIM	214.2	9.307	4.689	205.6	2.105	4.018
7	MB 460-79065/1-A	-11.49	-.8054	.7913	-.6373	-.0049	-.2696
8	LCS 460-79065/2-A	5220.	1032.	5222.	10020.	1015.	1060.
9	460-28394-A-28-E DU	173.4	-1.045	2.625	90.02	.0656	-.0025
10	460-28394-A-28-D@5	174.0	1.156	1.493	89.78	.0885	-.0667
11	SD 460-28394-A-28-D	23.57	-.0587	.9600	19.27	.0159	-.1884
12	460-28394-A-28-F MS	1235.	211.7	1078.	2172.	209.7	216.5
13	CCV 1052686	129000.	1028.	5149.	10010.	1018.	2549.
14	CCB	-14.73	1.168	-.5396	-.9269	-.0388	-.1667
15	PS 460-28394-A-28-D	4787.	1025.	5183.	10010.	1023.	1051.
16	460-28223-A-1-P@5	1556.	.8274	2.040	147.6	.1618	.0163
17	460-28223-A-2-L@5	328.1	1.637	2.162	34.04	.0788	-.1463
18	460-28223-A-3-N@5	899.1	-.4009	1.688	64.88	.0343	-.1052
19	460-28223-A-4-L@5	859.7	2.155	2.991	44.17	.0774	-.1858

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79065v1						
20	460-28223-A-5-L@5	905.5	1.091	3.345	55.90	.0787
21	460-28223-A-6-Q@5	3040.	.4874	2.260	53.96	.0859
22	460-28223-A-7-K@5	89.37	-.4778	2.143	26.51	-.1044
23	460-28223-A-8-K@5	4107.	.8365	1.105	38.75	.0807
24	460-28223-A-9-N@5	309.5	1.532	-.4293	59.91	.0067
25	4CV 1052686	127400.	1022.	5102.	9925.	1014.
26	CCB	10.34	1.174	2.882	-.6376	-.2593
27	460-28223-A-11-K@5	1075.	1.781	1.463	58.34	-.1566
28	460-28223-A-13-K@5	1947.	.1219	1.445	61.19	-.0717
29	460-28223-A-14-K@5	424.9	.6489	-.6974	30.36	-.1974
30	460-28223-A-15-K@5	727.4	.7448	-.0034	131.9	-.1855
31	460-28326-A-1-B@5	995.4	.5409	.4941	32.40	-.2594
32	460-28376-A-8-B@5	2001.	8.153	2.295	39.35	-.2606
33	460-28394-A-1-D@5	704.7	1.346	.5164	73.94	-.2689
34	460-28394-A-10-E@5	836.0	1.839	-.5725	94.01	-.2124
35	460-28394-A-19-D@5	473.0	1.450	-.0886	84.30	-.2942
36	460-28394-A-37-D@5	931.4	1.527	.9651	152.4	-.2933
37	CCV 1052686	127200.	1035.	5128.	10040.	1031.
38	CCB	29.93	2.823	-.3522	-.8724	-.4909
39	LB 460-78983/1-D@5	35.35	2.034	-2.011	-.9316	-.4735
40	LB 460-78986/1-D@5	42.29	1.620	-1.565	110.7	-.4689
41	CCV 1052686	127700.	1043.	5181.	10110.	1037.
42	CCB	30.68	.8901	-.2278	-.8711	-.4819

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 1052686	124000.	4956.	2471.	12420.	98800.	124600.
2	ICB	-5.655	-.6401	-.6485	1.258	12.56	9.520
3	ICSA 1052690	452700.	-4.252	1.189	3.297	193800.	523100.
4	ICSAB 1052692	451400.	94.10	99.19	108.1	193700.	521000.
5	INT-20	25.95	20460.	20220.	-.3970	24.35	30.63
6	REPLIM	5215.	11.23	51.78	26.43	177.0	4911.
7	MB 460-79065/1-A	5.596	-.6847	-.4945	1.219	8.525	14.45

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
8	LCS 460-79065/2-A	20900.	5165.	1036.	1021.	1063.	19940.
9	460-28394-A-28-E DU	24700.	5.064	9.670	.4029	3177.	3678.
10	460-28394-A-28-D@5	24600.	5.624	9.623	1.593	3169.	3636.
11	SD 460-28394-A-28-D	5440.	.8682	1.628	.9603	701.6	810.0
12	460-28394-A-28-F MS	28670.	1060.	220.1	209.1	3376.	7655.
13	CCV 1052686	127000.	5085.	2549.	12710.	101700.	128100.
14	CCB	-10.92	-.5687	-.7648	1.033	13.01	7.126
15	PS 460-28394-A-28-D	42610.	5155.	920.9	1025.	4193.	21200.
16	460-28223-A-1-P@5	23260.	2.984	2.768	3.782	2339.	2147.
17	460-28223-A-2-L@5	5467.	.9646	1.175	6.365	972.2	934.6
18	460-28223-A-3-N@5	42970.	.7066	4.076	1.959	998.9	3754.
19	460-28223-A-4-L@5	14380.	2.613	2.177	1.425	1347.	1264.
20	460-28223-A-5-L@5	10340.	4.704	1.836	1.792	1231.	1133.
21	460-28223-A-6-Q@5	32580.	3.758	5.973	2.848	3080.	4888.
22	460-28223-A-7-K@5	10710.	-.4408	3.110	1.002	99.52	2550.
23	460-28223-A-8-K@5	13420.	13.74	3.026	5.998	5342.	2155.
24	460-28223-A-9-N@5	30810.	.9510	3.737	-.1271	289.7	2411.
25	4CV 1052686	126000.	5029.	2530.	12500.	101300.	126200.
26	CCB	-9.238	-.0099	-.2246	.0684	13.33	8.252
27	460-28223-A-11-K@5	29250.	1.153	2.221	-.5357	1193.	2702.
28	460-28223-A-13-K@5	35430.	3.316	3.605	3.000	2105.	3052.
29	460-28223-A-14-K@5	15980.	1.668	1.893	.7558	480.6	1294.
30	460-28223-A-15-K@5	26450.	1.165	1.421	.3788	734.9	2200.
31	460-28326-A-1-B@5	10420.	.9844	2.018	6.704	1687.	1020.
32	460-28376-A-8-B@5	4261.	2.603	3.533	1.984	1633.	890.7
33	460-28394-A-1-D@5	6475.	7.632	12.37	5.916	2023.	2570.
34	460-28394-A-10-E@5	3988.	3.830	13.65	2.293	1574.	1300.
35	460-28394-A-19-D@5	6194.	2.149	9.703	2.162	474.4	1439.
36	460-28394-A-37-D@5	46450.	5.012	7.970	39.03	2557.	5152.
37	CCV 1052686	127400.	5053.	2557.	12360.	102900.	125400.
38	CCB	-12.21	-.2115	-.2813	-.5278	11.67	9.916
39	LB 460-78983/1-D@5	-8.752	.0234	-.6134	-.8899	3.483	7.773
40	LB 460-78986/1-D@5	29.87	.3718	-.0755	-.1873	23.49	34.34
41	CCV 1052686	127700.	5071.	2566.	12420.	103400.	125900.
42	CCB	-13.09	-.9138	-.3355	-.7402	12.11	10.70

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960

79065v1						
1	ICV 1052686	4946.	2469.	51080.	1238.	9885.
2	ICB	-.2557	-1.179	-147.3	1.342	-.0676
3	ICSA 1052690	-6.442	-.3036	-144.3	1.566	-3.680
4	ICSAB 1052692	94.26	98.00	10980.	106.3	98.06
5	INT-20	19300.	10310.	-126.4	2.865	1.447
6	REPLIM	16.19	40.88	4489.	10.95	5.106
7	MB 460-79065/1-A	-.2259	-.9103	-134.3	.9311	-.5902
8	LCS 460-79065/2-A	1047.	1066.	21220.	501.9	5211.
9	460-28394-A-28-E DU	639.8	16.56	1924.	1.078	2.159
10	460-28394-A-28-D05	636.1	16.15	1882.	1.066	3.127
11	SD 460-28394-A-28-D	140.7	2.187	154.0	.6466	-.2578
12	460-28394-A-28-F MS	844.4	232.2	6474.	103.3	1061.
13	CCV 1052686	5076.	2552.	52680.	1280.	10190.
14	CCB	-.2539	-.6251	-139.1	1.069	-.5289
15	PS 460-28394-A-28-D	1665.	1068.	22180.	552.5	5169.

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
16	460-28223-A-1-P05	562.9	4.215	663.1	1.094	1697.	-.4440
17	460-28223-A-2-L05	169.8	3.229	169.3	.9696	4.232	4.031
18	460-28223-A-3-N05	658.7	4.184	919.1	.5629	16.16	2.295
19	460-28223-A-4-L05	239.6	3.678	322.6	1.273	5.431	2.072
20	460-28223-A-5-L05	160.8	9.950	287.6	2.271	4.564	.9787
21	460-28223-A-6-005	459.7	6.815	1340.	1.304	8.431	2.480
22	460-28223-A-7-K05	260.3	2.104	453.5	.9636	1.784	.1256
23	460-28223-A-8-K05	185.6	14.40	913.3	1.109	77.84	3.966
24	460-28223-A-9-N05	349.3	5.213	726.3	1.272	22.26	3.573
25	4CV 1052686	4991.	2507.	52220.	1267.	9987.	5101.
26	CCB	-.3090	-1.143	-125.9	.9924	-1.109	2.468
27	460-28223-A-11-K05	311.0	1.958	760.4	.9586	11.27	2.292
28	460-28223-A-13-K05	497.3	5.408	1004.	1.271	8.888	1.688
29	460-28223-A-14-K05	238.9	9.005	413.6	1.248	2.080	2.182
30	460-28223-A-15-K05	653.6	2.837	603.7	1.119	8.324	.0494
31	460-28326-A-1-B05	256.3	2.304	1588.	1.137	5.627	3.501
32	460-28376-A-8-B05	935.2	3.109	596.3	1.331	256.1	3.190
33	460-28394-A-1-D05	800.7	25.71	1378.	1.089	83.35	2.459
34	460-28394-A-10-E05	971.9	40.13	2048.	.9736	4.166	2.150
35	460-28394-A-19-D05	993.5	42.11	1977.	1.157	1.134	1.986
36	460-28394-A-37-D05	847.7	15.93	2664.	.9992	5.668	.9483
37	CCV 1052686	4970.	2506.	52220.	1274.	9890.	5075.
38	CCB	-.3073	-1.153	-117.4	1.167	.4881	.5371
39	LB 460-78983/1-D05	-.2217	.4267	-128.5	.9967	-.1333	2.253
40	LB 460-78986/1-D05	-.0544	.3537	-121.4	1.208	2.371	1.294
41	CCV 1052686	4987.	2514.	53050.	1282.	9904.	5107.
42	CCB	-.3368	-1.282	-124.4	.8622	-.7366	2.827

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 1052686	126200.	4963.	2481.	2450.	995.1	2469.
2	ICB	158.4	.4126	1.190	-.5433	1.772	1.377
3	ICSA 1052690	-.548.5	-.3890	2.635	6.156	-2.504	1.983
4	ICSAB 1052692	9580.	95.45	102.8	104.2	100.1	102.6
5	INT-20	-77.53	-3.909	20050.	3.686	6.362	9712.
6	REPLIM	4872.	6.925	52.91	32.99	53.12	24.07
7	MB 460-79065/1-A	245.2	-2.058	.8038	-.0205	3.348	.2625
8	LCS 460-79065/2-A	19950.	1042.	517.7	1028.	1013.	1030.
9	460-28394-A-28-E DU	H269900.	-3.036	.9415	11.45	28.72	.9801
10	460-28394-A-28-D05	H267600.	-5.132	1.042	11.63	28.13	1.818
11	SD 460-28394-A-28-D	61050.	-3.819	.6507	1.819	5.328	1.071
12	460-28394-A-28-F MS	H271200.	209.3	106.6	221.5	232.2	208.4
13	CCV 1052686	130500.	5132.	2547.	2468.	1034.	2523.
14	CCB	164.5	.8843	.6704	-.9351	1.245	2.175
15	PS 460-28394-A-28-D	H284400.	1045.	575.8	1029.	920.6	899.6
16	460-28223-A-1-P05	H250100.	-4.614	3.641	34.71	30.34	1.442
17	460-28223-A-2-L05	H254200.	-3.356	1.317	19.09	47.19	.6358
18	460-28223-A-3-N05	248000.	-3.968	2.563	15.41	34.12	.5293
19	460-28223-A-4-L05	H265300.	-6.016	2.855	21.61	66.71	1.230
20	460-28223-A-5-L05	247800.	-3.024	3.201	21.26	73.69	.0375
21	460-28223-A-6-005	H254400.	-2.236	8.674	29.97	44.37	1.101
22	460-28223-A-7-K05	H253800.	-3.783	3.293	19.71	75.04	.6993
23	460-28223-A-8-K05	H259900.	-2.424	8.774	26.19	96.80	.9233

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020

24	460-28223-A-9-N@5	H250500.	-1.777	1.766	30.38	34.68	.3268
25	4CV 1052686	129400.	5046.	2504.	2401.	1011.	2472.
26	CCB	186.9	-.1481	1.008	-.9993	.3092	1.636
27	460-28223-A-11-K@5	H258800.	-3.080	3.496	14.97	52.52	-.1246
28	460-28223-A-13-K@5	H256100.	-2.738	4.775	23.47	38.18	1.194
29	460-28223-A-14-K@5	H258800.	-4.288	1.812	18.00	39.96	-.8280
30	460-28223-A-15-K@5	H266600.	-3.022	1.907	14.08	25.69	.6587
31	460-28326-A-1-B@5	H257300.	-2.719	2.468	46.69	39.92	1.054
32	460-28376-A-8-B@5	249100.	-2.194	3.942	10.01	48.79	.1834
33	460-28394-A-1-D@5	H261400.	-2.778	2.149	13.19	16.51	.0909
34	460-28394-A-10-E@5	H259500.	-4.042	2.550	12.87	19.44	.4567
35	460-28394-A-19-D@5	H264100.	-2.376	1.715	20.81	22.10	-.0620
36	460-28394-A-37-D@5	H259900.	-3.439	2.721	16.84	26.94	1.085
37	CCV 1052686	129900.	5021.	2489.	2399.	1000.	2474.
38	CCB	134.5	.8700	.7139	-1.351	.6644	1.030
39	LB 460-78983/1-D@5	H270000.	-2.305	.5655	-1.685	3.742	.6228
40	LB 460-78986/1-D@5	H266700.	-3.299	.9585	.2659	12.31	1.199
41	CCV 1052686	130700.	5050.	2495.	2403.	1006.	2488.
42	CCB	136.7	.3990	.4232	-1.243	.7409	1.437

#	Sample Name	Sn1899	Ti3349	*Y

1	ICV 1052686	981.9	9959.	1080.22
2	ICB	-.5011	-.0403	1109.5
3	ICSA 1052690	2.701	-1.613	1042.75
4	ICSAB 1052692	92.69	100.9	1056.87
5	INT-20	3.354	19720.	1098.11
6	REPLIM	50.58	21.53	1092.22
7	MB 460-79065/1-A	-1.312	-.0438	1102.03
8	LCS 460-79065/2-A	989.9	1034.	1124.08
9	460-28394-A-28-E DU	4.419	.4369	1101.55
10	460-28394-A-28-D@5	4.749	.2413	1100.15
11	SD 460-28394-A-28-D	-.2534	-.0465	1099.96
12	460-28394-A-28-F MS	204.2	210.8	1102.53
13	CCV 1052686	1019.	10200.	1081.68
14	CCB	-.2811	-.2162	1102.56
15	PS 460-28394-A-28-D	835.2	899.5	1096.17
16	460-28223-A-1-P@5	3.984	45.73	1100.17
17	460-28223-A-2-L@5	3.127	8.537	1097.47
18	460-28223-A-3-N@5	1.666	23.90	1100.41
19	460-28223-A-4-L@5	4.157	23.01	1098.72
20	460-28223-A-5-L@5	3.320	27.31	1138.1
21	460-28223-A-6-O@5	2.921	75.85	1102.9
22	460-28223-A-7-K@5	2.223	1.325	1093.89
23	460-28223-A-8-K@5	3.557	95.53	1113.77
24	460-28223-A-9-N@5	3.178	5.678	1098.9
25	4CV 1052686	1017.	10080.	1086.84
26	CCB	.6174	-.2217	1096.76
27	460-28223-A-11-K@5	.8880	34.95	1090.34
28	460-28223-A-13-K@5	1.534	48.56	1095.83
29	460-28223-A-14-K@5	2.075	9.491	1089.63
30	460-28223-A-15-K@5	2.571	18.36	1090.74
31	460-28326-A-1-B@5	2.444	27.12	1092.09

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#	Sample Name	Sn1899	Ti3349	*Y

32	460-28376-A-8-B@5	2.222	56.18	1097.15
33	460-28394-A-1-D@5	2.329	34.56	1096.76
34	460-28394-A-10-E@5	2.700	44.73	1092.91
35	460-28394-A-19-D@5	1.572	20.71	1086.31
36	460-28394-A-37-D@5	3.944	47.97	1095.75
37	CCV 1052686	1038.	10080.	1079.37
38	CCB	-2.121	-.2283	1089.02
39	LB 460-78983/1-D@5	4.513	-.4438	1087.9
40	LB 460-78986/1-D@5	2.761	-.2037	1093.68
41	CCV 1052686	1044.	10120.	1068.88
42	CCB	.7761	-.3207	1094.13

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode

79065v1

1	CCV 1052686	79065V1	SW846	07/07/11	22:30	S	CONC
2	CCB	79065V1	SW846	07/07/11	22:36	S	CONC
3	MB 460-79118/1-A	79065V1	SW846	07/07/11	22:42	S	CONC
4	LCS 460-79118/2-A	79065V1	SW846	07/07/11	22:48	S	CONC
5	460-27967-A-3-B DU	79065V1	SW846	07/07/11	22:55	S	CONC
6	460-27967-A-3-A	79065V1	SW846	07/07/11	23:01	S	CONC
7	SD 460-27967-A-3-A@5	79065V1	SW846	07/07/11	23:07	S	CONC
8	460-27967-A-3-C MS	79065V1	SW846	07/07/11	23:13	S	CONC
9	PS 460-27967-A-3-A	79065V1	SW846	07/07/11	23:19	S	CONC
10	460-27967-A-1-A	79065V1	SW846	07/07/11	23:31	S	CONC
11	460-27967-A-2-A	79065V1	SW846	07/07/11	23:37	S	CONC
12	460-27967-A-4-A	79065V1	SW846	07/07/11	23:43	S	CONC
13	CCV 1052686	79065V1	SW846	07/07/11	23:49	S	CONC
14	CCB	79065V1	SW846	07/07/11	23:55	S	CONC
15	460-27967-A-5-A	79065V1	SW846	07/08/11	00:02	S	CONC
16	CCV 1052686	79065V1	SW846	07/08/11	00:08	S	CONC
17	CCB	79065V1	SW846	07/08/11	00:14	S	CONC
18	MB 460-79125/1-A	79065V1	SW846	07/08/11	00:20	S	CONC
19	LCS 460-79125/2-A	79065V1	SW846	07/08/11	00:26	S	CONC
20	460-28327-D-1-E DU	79065V1	SW846	07/08/11	00:32	S	CONC
21	460-28327-D-1-D	79065V1	SW846	07/08/11	00:38	S	CONC
22	SD 460-28327-D-1-D@5	79065V1	SW846	07/08/11	00:45	S	CONC
23	460-28327-D-1-F MS	79065V1	SW846	07/08/11	00:51	S	CONC
24	PS 460-28327-D-1-D	79065V1	SW846	07/08/11	00:57	S	CONC
25	460-28327-D-2-B	79065V1	SW846	07/08/11	01:03	S	CONC
26	460-28327-D-3-B	79065V1	SW846	07/08/11	01:09	S	CONC
27	460-28327-D-4-B	79065V1	SW846	07/08/11	01:15	S	CONC
28	CCV 1052686	79065V1	SW846	07/08/11	01:21	S	CONC
29	CCB	79065V1	SW846	07/08/11	01:28	S	CONC
30	460-28327-D-5-B	79065V1	SW846	07/08/11	01:34	S	CONC
31	CCV 1052686	79065V1	SW846	07/08/11	01:40	S	CONC
32	CCB	79065V1	SW846	07/08/11	01:46	S	CONC

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	CCV 1052686	127100.	1035.	5134.	10090.	1032.	2465.
2	CCB	35.53	1.318	.1400	-.8144	-.5207	-.2817
3	MB 460-79118/1-A	44.11	.6190	-.1029	-.4624	-.4745	-.2044
4	LCS 460-79118/2-A	2019.	496.7	2029.	1978.	48.97	48.99
5	460-27967-A-3-B DU	83.95	3.524	3.515	45.65	-.6395	97.55
6	460-27967-A-3-A	81.16	3.272	.7552	45.33	-.6341	97.07
7	SD 460-27967-A-3-A@5	49.55	1.176	.5989	8.465	-.5819	19.91
8	460-27967-A-3-C MS	2186.	536.8	2157.	2120.	48.81	145.8
9	PS 460-27967-A-3-A	2268.	546.0	2228.	2199.	50.73	143.9
10	460-27967-A-1-A	47.67	2.148	12.39	630.6	-.4607	-.1671
11	460-27967-A-2-A	62.42	1.883	14.54	204.6	-.4660	2.232
12	460-27967-A-4-A	119.5	4.671	21.46	4.857	-.5773	1.977
13	CCV 1052686	128300.	1032.	5116.	10060.	1017.	2460.
14	CCB	22.09	-.4159	1.840	-.6960	-.3936	-.3070
15	460-27967-A-5-A	75.21	3.678	25.37	3.277	-.4458	.4249
16	CCV 1052686	127600.	1031.	5137.	10040.	1023.	2479.
17	CCB	18.34	.7248	1.200	-.8726	-.3576	-.3661
18	MB 460-79125/1-A	30.90	-.9418	.1340	-.8720	-.3918	-.1617
19	LCS 460-79125/2-A	2008.	490.3	1988.	1975.	49.45	49.32
20	460-28327-D-1-E DU	51.99	1.727	1.796	117.0	-.3758	-.1727
21	460-28327-D-1-D	51.75	.9436	-1.692	115.0	-.3945	-.3730
22	SD 460-28327-D-1-D@5	27.47	1.754	1.674	22.34	-.3586	-.2654
23	460-28327-D-1-F MS	2068.	494.3	1996.	2121.	49.34	48.42
24	PS 460-28327-D-1-D	2158.	518.6	2113.	2234.	52.16	51.25
25	460-28327-D-2-B	126.8	1.390	3.950	134.2	-.3710	-.2109
26	460-28327-D-3-B	194.4	1.143	2.873	52.72	-.3514	-.2283
27	460-28327-D-4-B	455.2	1.472	.7462	38.05	-.3689	-.2671
28	CCV 1052686	127900.	1034.	5141.	10070.	1023.	2483.
29	CCB	17.67	.6712	-1.322	-.8134	-.3478	-.2822
30	460-28327-D-5-B	122.4	1.164	.0220	131.2	-.3458	-.3140
31	CCV 1052686	128000.	1036.	5152.	10060.	1028.	2496.
32	CCB	16.79	1.851	1.713	-.8700	-.3465	-.4696

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	CCV 1052686	127100.	5045.	2551.	12370.	102800.	125200.
2	CCB	-13.35	-.3512	-.2845	-.8849	-.2724	17.19

79065v1						
3	MB 460-79118/1-A	-2.730	.6723	.1011	.0141	15.31
4	LCS 460-79118/2-A	20050.	195.7	490.9	229.4	1017.
5	460-27967-A-3-B DU	243400.	-.3361	6.988	465.5	22.13
6	460-27967-A-3-A	243700.	.1218	6.296	463.5	30.33
7	SD 460-27967-A-3-A@5	51360.	-.2042	.8289	90.41	16.39
8	460-27967-A-3-C MS	H261500.	198.6	511.2	724.5	1028.
9	PS 460-27967-A-3-A	H254500.	205.6	528.5	719.1	1068.
10	460-27967-A-1-A	85490.	.4028	-.0469	-.1075	32810.
11	460-27967-A-2-A	75810.	.6404	17.22	81.50	1001.
12	460-27967-A-4-A	8113.	16.34	90.81	70.18	2360.
13	CCV 1052686	125800.	5013.	2529.	12550.	101500.
14	CCB	-11.01	-.4270	-.4441	-.4717	6.016
15	460-27967-A-5-A	13890.	75.67	284.1	6.630	67710.
16	CCV 1052686	126600.	5042.	2541.	12500.	102100.
17	CCB	-10.83	-.3519	-.1178	.3916	21.89

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
18	MB 460-79125/1-A	16.98	.0652	-.4470	.3786	16.19	11.78
19	LCS 460-79125/2-A	20080.	198.2	490.4	236.0	1011.	18640.
20	460-28327-D-1-E DU	70810.	-.1002	.5246	1.791	780.1	14370.
21	460-28327-D-1-D	69960.	.0257	.1410	1.776	779.1	14120.
22	SD 460-28327-D-1-D@5	13990.	.1020	.2648	.6467	167.4	2789.
23	460-28327-D-1-F MS	89530.	196.6	490.8	242.9	1769.	33370.
24	PS 460-28327-D-1-D	89990.	208.7	518.4	256.8	1816.	34330.
25	460-28327-D-2-B	79320.	-.8427	.5176	7.146	656.0	16610.
26	460-28327-D-3-B	55910.	.4200	2.078	2.559	2227.	9037.
27	460-28327-D-4-B	30970.	-.0810	1.006	1.858	1770.	6445.
28	CCV 1052686	126600.	5046.	2539.	12550.	101900.	126600.
29	CCB	-9.726	-.1678	-.4465	.2838	1.049	9.456
30	460-28327-D-5-B	77130.	-.5729	.5752	6.962	634.4	16300.
31	CCV 1052686	127200.	5072.	2552.	12550.	102400.	126600.
32	CCB	-10.14	-.0353	-.4410	.2356	16.61	13.86

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	CCV 1052686	4973.	2483.	52820.	1275.	9849.	5097.
2	CCB	-.2218	-1.126	-131.4	.8802	-1.162	-.3123
3	MB 460-79118/1-A	-.0526	-.6665	-117.4	1.421	-.4964	1.438
4	LCS 460-79118/2-A	483.0	485.4	21180.	46.31	481.0	2069.
5	460-27967-A-3-B DU	19.23	1718.	91900.	1.667	7.644	2.516
6	460-27967-A-3-A	19.28	1711.	91480.	1.669	8.153	2.026
7	SD 460-27967-A-3-A@5	3.644	349.5	16300.	1.435	1.695	.7231
8	460-27967-A-3-C MS	519.4	2194.	H111700.	49.37	505.7	2218.
9	PS 460-27967-A-3-A	536.3	2158.	H109800.	14.25	522.3	2304.
10	460-27967-A-1-A	447.6	-.2764	44350.	1.196	.6294	.5122
11	460-27967-A-2-A	295.1	98.32	H208600.	1.604	3.982	1.602
12	460-27967-A-4-A	208.1	394.9	S1249e3	1.534	9.766	4.544
13	CCV 1052686	4976.	2473.	53490.	1276.	9884.	5116.
14	CCB	-.3087	-.8436	-153.9	1.355	-.0779	-.1106
15	460-27967-A-5-A	4177.	2362.	S1299e3	2.231	.4668	9.678
16	CCV 1052686	5003.	2490.	53210.	1277.	9961.	5123.
17	CCB	-.2506	-1.442	-134.3	1.706	-.3371	1.689
18	MB 460-79125/1-A	-.3079	-.7723	-141.4	1.023	-1.207	.7184
19	LCS 460-79125/2-A	490.9	488.2	20230.	45.45	487.6	1950.
20	460-28327-D-1-E DU	2814.	5.556	3372.	1.648	1.085	-.8977
21	460-28327-D-1-D	2775.	4.667	3309.	1.556	-.5848	-1.386
22	SD 460-28327-D-1-D@5	556.0	.0017	310.4	1.187	.4316	.4369
23	460-28327-D-1-F MS	3264.	488.9	25180.	47.35	486.1	1942.
24	PS 460-28327-D-1-D	3262.	515.3	26340.	14.28	514.5	2055.
25	460-28327-D-2-B	544.4	2.998	3098.	1.518	.5810	.5170
26	460-28327-D-3-B	1206.	2.594	2343.	.9371	2.007	.9259
27	460-28327-D-4-B	752.3	1.140	2664.	.8106	3.467	-.1719
28	CCV 1052686	5011.	2494.	53300.	1279.	9962.	5116.
29	CCB	-.2512	-.7563	-136.8	1.564	-.2253	2.791
30	460-28327-D-5-B	523.8	3.016	3014.	1.996	-.7973	.5159
31	CCV 1052686	5029.	2508.	53190.	1281.	9997.	5141.
32	CCB	-.2534	-1.170	-143.8	1.279	-.1759	.8038

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020

79065v1					
1	CCV 1052686	130500.	5022.	2478.	2396.
2	CCB	201.0	.2421	.8625	-1.683
3	MB 460-79118/1-A	25.14	-2.091	1.345	-.8527
4	LCS 460-79118/2-A	19080.	1978.	474.2	474.2
5	460-27967-A-3-B DU	H752900.	1.674	2.051	1040.
6	460-27967-A-3-A	H751400.	4.195	2.156	1036.
7	SD 460-27967-A-3-A@5	178300.	-3.789	.8217	212.6
8	460-27967-A-3-C MS	H768100.	2026.	493.1	1506.
9	PS 460-27967-A-3-A	H748800.	2092.	510.0	1492.
10	460-27967-A-1-A	H709700.	2.832	5.515	.1793
11	460-27967-A-2-A	H708000.	2.708	6.070	245.7
12	460-27967-A-4-A	H1162e3	2.705	48.83	1327.
13	CCV 1052686	131600.	5019.	2478.	2383.
14	CCB	127.1	.5971	.6182	-1.079
15	460-27967-A-5-A	H1409e3	-1.751	95.03	52.65
16	CCV 1052686	129800.	5049.	2490.	2404.
17	CCB	175.4	.7611	1.010	-.9750
18	MB 460-79125/1-A	147.2	-.2927	.6587	-.7711
19	LCS 460-79125/2-A	18810.	1971.	481.3	477.0
20	460-28327-D-1-E DU	104400.	-1.533	1.101	7.455
21	460-28327-D-1-D	102700.	-1.428	1.091	7.475
22	SD 460-28327-D-1-D@5	19810.	-.1687	.9942	.5652
23	460-28327-D-1-F MS	123800.	1966.	482.9	477.6
24	PS 460-28327-D-1-D	123600.	2086.	510.2	506.4
25	460-28327-D-2-B	102700.	-1.054	1.872	6.710
26	460-28327-D-3-B	57290.	-1.321	2.205	3.905
27	460-28327-D-4-B	62720.	-3.106	2.534	8.012
28	CCV 1052686	130400.	5065.	2495.	2397.
29	CCB	172.4	.5218	.7694	-.8987
30	460-28327-D-5-B	100900.	.9781	1.885	6.071
31	CCV 1052686	130300.	5068.	2503.	2417.
32	CCB	177.9	-.2742	.9129	-1.631

#	Sample Name	Sn1899	Ti3349	*Y
1	CCV 1052686	1039.	10060.	1069.54
2	CCB	-.4495	-.2103	1086.95
3	MB 460-79118/1-A	.2656	.3357	1090.58
4	LCS 460-79118/2-A	493.2	486.1	1113.16
5	460-27967-A-3-B DU	.8946	-1.288	1042.78
6	460-27967-A-3-A	1.149	-1.206	1043.09
7	SD 460-27967-A-3-A@5	.5383	-.5083	1066.04
8	460-27967-A-3-C MS	516.1	503.3	1038.59
9	PS 460-27967-A-3-A	533.5	521.9	1055.73
10	460-27967-A-1-A	3.163	1.380	1064.93
11	460-27967-A-2-A	1.068	.2064	1065.75
12	460-27967-A-4-A	4.373	4.426	1021.95
13	CCV 1052686	1025.	10050.	1075.79
14	CCB	-2.096	-.2419	1095.43
15	460-27967-A-5-A	12.65	33.76	977.002
16	CCV 1052686	1030.	10090.	1074.52
17	CCB	-1.336	-.0146	1089.15

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#	Sample Name	Sn1899	Ti3349	*Y
18	MB 460-79125/1-A	-.0585	-.1880	1091.08
19	LCS 460-79125/2-A	487.6	491.2	1095.48
20	460-28327-D-1-E DU	1.050	.1786	1086.47
21	460-28327-D-1-D	.8180	.1405	1088.51
22	SD 460-28327-D-1-D@5	.6112	-.1479	1092.33
23	460-28327-D-1-F MS	492.5	494.7	1074.12
24	PS 460-28327-D-1-D	518.0	522.8	1082.34
25	460-28327-D-2-B	.6628	2.526	1093.39
26	460-28327-D-3-B	.4479	4.127	1082.95
27	460-28327-D-4-B	-.3438	12.25	1089.44
28	CCV 1052686	1026.	10110.	1062.89
29	CCB	.4794	-.2263	1091.56
30	460-28327-D-5-B	.8639	2.362	1086.02
31	CCV 1052686	1033.	10140.	1076.27
32	CCB	-.7056	-.1230	1099.22

Method: SW846 Standard: T2CAL-BLK
Run Time: 07/07/11 15:21:56

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.4409	.0174	-.1209	-.0009	-.0827	-.0254	.1768
SDev	.0155	.0169	.0505	.0000	.0032	.0256	.0012
%RSD	3.516	96.99	41.76	.4383	3.838	100.9	.6580

#1	.4518	.0293	-.0852	-.0009	-.0850	-.0435	.1760
#2	.4299	.0055	-.1567	-.0009	-.0805	-.0073	.1776

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Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0173	-.0032	.0324	-.0279	-.1448	.0032	-.0169
SDev	.0051	.0032	.0044	.0279	.0013	.0006	.0059
%RSD	29.35	101.2	13.51	99.91	.9001	19.77	34.81

#1	.0137	-.0055	.0293	-.0477	-.1439	.0027	-.0211
#2	.0209	-.0009	.0355	-.0082	-.1457	.0036	-.0128

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	13.86	-.1791	.1447	-.1028	-.0055	.0475	-.0055
SDev	.01	.0279	.0659	.0105	.0129	.0140	.0168
%RSD	.0932	15.59	45.56	10.25	234.9	29.50	304.8

#1	13.85	-.1989	.0981	-.0953	-.0147	.0376	-.0174
#2	13.87	-.1594	.1913	-.1102	.0036	.0574	.0064

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0894	-.0644	-.0293	.4202	-.0663	-.2003	.0872
SDev	.0707	.0055	.0130	.3908	.2380	.1341	.0468
%RSD	79.07	8.590	44.59	92.99	359.0	66.99	53.68

#1	.0394	-.0605	-.0385	.6965	-.2346	-.1054	.0541
#2	.1394	-.0683	-.0200	.1439	.1020	-.2951	.1202

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1095	--	--	--	--	--	--
SDev	4.797053	--	--	--	--	--	--
%RSD	.4382860	--	--	--	--	--	--

#1	1091	--	--	--	--	--	--
#2	1098	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 07/07/11 15:28:07

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	58.52	5.160	33.81	16.29	12.07	69.86	77.60
SDev	.03	.028	.12	.00	.02	.21	.16
%RSD	.0565	.5457	.3650	.0076	.1585	.3029	.2025

#1	58.49	5.141	33.72	16.29	12.05	69.71	77.48
#2	58.54	5.180	33.90	16.28	12.08	70.01	77.71

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	20.23	4.319	12.58	23.14	33.09	16.79	15.62
SDev	.04	.017	.01	.05	.03	.03	.04
%RSD	.2223	.3899	.0885	.2198	.0904	.2084	.2740

#1	20.20	4.307	12.57	23.11	33.06	16.77	15.59
#2	20.27	4.330	12.58	23.18	33.11	16.82	15.65

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	4.084	16.63	4.753	5.756	2.351	32.67	5.724
SDev	.001	.12	.005	.016	.021	.20	.024
%RSD	.0162	.7510	.1017	.2710	.8948	.6062	.4238

#1	4.083	16.54	4.750	5.745	2.336	32.53	5.741
#2	4.084	16.72	4.757	5.767	2.366	32.81	5.707

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	48.50	85.14	79.16	14.08	12.40
SDev	.08	.05	.15	.07	.06
%RSD	.1735	.0582	.1873	.5314	.5171

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#1 48.44 85.11 79.06 14.03 12.45 ••Standardization Rpt.
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#2	48.56	85.18	79.27	14.13	12.36		
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	.5247195	--	--	--	--	--	--
%RSD	.0476804	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1100	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
Run Time: 07/07/11 15:34:17

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	287.0	25.39	165.7	77.65	57.94	332.5	369.0
SDev	.4	.05	.9	.15	.10	.5	.6
%RSD	.1476	.1967	.5702	.1983	.1762	.1465	.1578
#1	287.3	25.42	166.4	77.75	58.01	332.9	369.4
#2	286.7	25.35	165.0	77.54	57.86	332.2	368.6
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	97.41	20.85	61.85	111.1	168.0	80.18	74.82
SDev	.15	.03	.13	.2	.3	.15	.21
%RSD	.1492	.1491	.2084	.1744	.2023	.1913	.2844
#1	97.51	20.87	61.94	111.3	168.3	80.29	74.97
#2	97.30	20.83	61.76	111.0	167.8	80.07	74.67
Elem	Ag3280	Tl1908	V 2924	Zn2062	B 2496	Mo2020	Sn1899
Avge	20.93	81.40	23.15	26.98	11.62	158.2	27.97
SDev	.02	.24	.03	.01	.02	.2	.13
%RSD	.1190	.3006	.1417	.0353	.1568	.1491	.4503
#1	20.95	81.57	23.17	26.98	11.63	158.4	28.06
#2	20.92	81.22	23.13	26.97	11.60	158.1	27.88
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	233.9	407.9	379.7	69.71	60.00		
SDev	.3	1.3	.2	.48	.02		
%RSD	.1328	.3156	.0523	.6842	.0353		
#1	234.1	408.8	379.5	70.05	59.98		
#2	233.7	407.0	379.8	69.37	60.01		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1083	--	--	--	--	--	--
SDev	4.497189	--	--	--	--	--	--
%RSD	.4153131	--	--	--	--	--	--
#1	1080	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 07/07/11 15:40:27

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	576.2	51.64	330.4	151.7	114.0	649.4	716.9
SDev	13.5	1.34	8.5	3.7	3.0	15.9	19.0
%RSD	2.339	2.590	2.573	2.427	2.614	2.447	2.647
#1	566.6	50.69	324.4	149.1	111.9	638.2	703.5
#2	585.7	52.58	336.4	154.3	116.1	660.6	730.3
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	193.1	41.32	125.2	219.6	345.6	156.8	147.4
SDev	5.1	1.04	2.9	5.8	8.1	4.0	3.8

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%RSD	2.625	2.513	2.323	2.631	2.339	2.567	2.554
#1	189.5	40.59	123.1	215.5	339.9	154.0	144.8
#2	196.6	42.06	127.2	223.7	351.3	159.6	150.1

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Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	619.5	43.06	166.9	162.2	46.33	52.77	23.45
SDev	14.5	1.03	3.4	4.1	1.19	1.30	.59
%RSD	2.340	2.387	2.043	2.526	2.578	2.461	2.533
#1	609.2	42.33	164.5	159.3	45.48	51.85	23.03
#2	629.7	43.79	169.3	165.1	47.17	53.69	23.87
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	314.7	56.04	463.6	803.1	753.8	138.9	120.7
SDev	7.9	1.48	12.0	18.9	15.2	3.0	2.3
%RSD	2.526	2.633	2.595	2.348	2.023	2.138	1.900
#1	309.1	55.00	455.1	789.8	743.0	136.8	119.1
#2	320.3	57.08	472.1	816.5	764.6	141.0	122.3
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1051	--	--	--	--	--	--
SDev	22.78581	--	--	--	--	--	--
%RSD	2.168142	--	--	--	--	--	--
#1	1067	--	--	--	--	--	--
#2	1035	--	--	--	--	--	--

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	433.991	-192.823	07/07/11 03:40:27
Sb2068	206.838	Multiple	Standards	40.1696	- .702698	07/07/11 03:40:27
As1890	189.042	Multiple	Standards	29.9660	3.48332	07/07/11 03:40:27
Ba4934	493.409	Multiple	Standards	127.709	- .579399	07/07/11 03:40:27
Be3130	313.042	Multiple	Standards	17.0571	1.34723	07/07/11 03:40:27
Cd2265	226.502	Multiple	Standards	7.46748	.008671	07/07/11 03:40:27
Ca3179	317.933	Multiple	Standards	336.590	-68.7757	07/07/11 03:40:27
Cr2677	267.716	Multiple	Standards	50.8653	-1.12330	07/07/11 03:40:27
Co2286	228.616	Multiple	Standards	119.868	.266700	07/07/11 03:40:27
Cu3247	324.754	Multiple	Standards	200.418	-6.60148	07/07/11 03:40:27
Fe2714	271.441	Multiple	Standards	893.008	19.4247	07/07/11 03:40:27
Mg3832	383.231	Multiple	Standards	739.294	111.049	07/07/11 03:40:27
Mn2576	257.610	Multiple	Standards	61.8816	- .534550	07/07/11 03:40:27
Ni2316	231.604	Multiple	Standards	33.0912	.410701	07/07/11 03:40:27
K_7664	766.491	T2CAL3	T2CAL-BLK	.859749	3.08690	07/07/11 03:40:27
Ag3280	328.068	Multiple	Standards	58.5068	10.4872	07/07/11 03:40:27
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	.884611	- .107977	07/07/11 03:40:27
Tl1908	190.864	Multiple	Standards	61.0466	6.11068	07/07/11 03:40:27
V_2924	292.402	Multiple	Standards	106.694	.511841	07/07/11 03:40:27
Zn2062	206.200	Multiple	Standards	91.4918	-4.54461	07/07/11 03:40:27
B_2496	249.678	Multiple	Standards	85.8287	.464132	07/07/11 03:40:27
Mo2020	202.030	Multiple	Standards	15.6752	-1.49437	07/07/11 03:40:27
Sn1899	189.989	Multiple	Standards	35.5678	2.25466	07/07/11 03:40:27

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Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Ti3349	334.941	Multiple	Standards	42.3606	.763196	07/07/11 03:40:27
2203/1	220.351	Multiple	Standards	24.5072	-10.8435	07/07/11 03:40:27
2203/2	220.352	Multiple	Standards	25.9162	1.19010	07/07/11 03:40:27
1960/1	196.021	Multiple	Standards	71.1048	14.1020	07/07/11 03:40:27
1960/2	196.022	Multiple	Standards	82.1647	-7.29357	07/07/11 03:40:27

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-1.48758	1.48758
		T2CAL1	25000.0	25202.9	-202.855
		T2CAL2	125000.	124381.	618.680

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				79065v1				
		T2CAL3	250000.	249852.	148.047			
CorCoef: 1.00000								
Element	Wavelength	Standard	Known	Measured	Residual			
Sb2068	206.838	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.003890	.003890			
		T2CAL1	200.000	206.589	-6.58932			
		T2CAL2	1000.00	1019.10	-19.0995			
		T2CAL3	2000.00	2073.61	-73.6094			
CorCoef: 0.99996								
Element	Wavelength	Standard	Known	Measured	Residual			
As1890	189.042	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.141031	.141031			
		T2CAL1	1000.00	1016.68	-16.6850			
		T2CAL2	5000.00	4969.33	30.6665			
		T2CAL3	10000.0	9903.48	96.5166			
CorCoef: 1.00000								
Element	Wavelength	Standard	Known	Measured	Residual			
Ba4934	493.409	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.696083	.696083			
		T2CAL1	2000.00	2079.22	-79.2224			
		T2CAL2	10000.0	9915.41	84.5938			
		T2CAL3	20000.0	19377.0	623.037			
CorCoef: 0.99992								
Element	Wavelength	Standard	Known	Measured	Residual			
Be3130	313.042	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.063731	.063731			
		T2CAL1	200.000	207.200	-7.19958			
		T2CAL2	1000.00	989.579	10.4211			
		T2CAL3	2000.00	1945.79	54.2095			
CorCoef: 0.99995								
Element	Wavelength	Standard	Known	Measured	Residual			
Cd2265	226.502	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.181079	.181079			
		T2CAL1	500.000	521.714	-21.7136			
		T2CAL2	2500.00	2483.23	16.7654			
		T2CAL3	5000.00	4849.37	150.635			
CorCoef: 0.99991								
Element	Wavelength	Standard	Known	Measured	Residual			
Ca3179	317.933	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-9.27000	9.27000			
		T2CAL1	25000.0	26049.2	-1049.16			
		T2CAL2	125000.	124138.	862.305			
		T2CAL3	250000.	241233.	8767.03			
dback Report	07/07/11 03:46:33 PM			page 9		••Standardization	Rea	
CorCoef: 0.99988								
Element	Wavelength	Standard	Known	Measured	Residual			
Cr2677	267.716	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.240869	.240869			
		T2CAL1	1000.00	1028.05	-28.0459			
		T2CAL2	5000.00	4953.53	46.4722			
		T2CAL3	10000.0	9819.24	180.765			
CorCoef: 0.99998								
Element	Wavelength	Standard	Known	Measured	Residual			
Co2286	228.616	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.117466	.117466			
		T2CAL1	500.000	517.920	-17.9203			
		T2CAL2	2500.00	2499.22	.783203			
		T2CAL3	5000.00	4953.34	46.6563			
CorCoef: 0.99998								
Element	Wavelength	Standard	Known	Measured	Residual			
Cu3247	324.754	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-.102902	.102902			
		T2CAL1	2500.00	2513.89	-13.8892			
		T2CAL2	12500.0	12389.5	110.506			
		T2CAL3	25000.0	25082.1	-82.1191			
CorCoef: 0.99998								
Element	Wavelength	Standard	Known	Measured	Residual			
Fe2714	271.441	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	-5.51499	5.51499			
		T2CAL1	20000.0	20685.8	-685.762			
		T2CAL2	100000.	99272.7	727.320			
		T2CAL3	200000.	196131.	3868.73			
CorCoef: 0.99997								
Element	Wavelength	Standard	Known	Measured	Residual			
Mg3832	383.231	T2CAL-BLK	Concentration	Concentration	Concentration			
			.000000	3.99038	-3.99038			

				79065v1	
		T2CAL1	25000.0	24571.4	428.598
		T2CAL2	125000.	124335.	665.008
		T2CAL3	250000.	255616.	-5616.02
CorCoef: 0.99990					
Element	Wavelength	Standard	Known	Measured	Residual
Mn2576	257.610	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.336751	.336751
		T2CAL1	1000.00	1038.72	-38.7244
		T2CAL2	5000.00	4961.16	38.8398
		T2CAL3	10000.0	9702.44	297.563
CorCoef: 0.99993					
Element	Wavelength	Standard	Known	Measured	Residual
Ni2316	231.604	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.149055	.149055
		T2CAL1	500.000	517.229	-17.2292
		T2CAL2	2500.00	2476.33	23.6731
		T2CAL3	5000.00	4878.88	121.125
CorCoef: 0.99996					
Element	Wavelength	Standard	Known	Measured	Residual
K_7664	766.491	T2CAL-BLK	Signal	Signal	Signal
			15.0000	13.8565	1.14351
		T2CAL3	535.668	619.462	-83.7933

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			Known	Measured	Residual
Element	Wavelength	Standard	Concentration	Concentration	Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.006368	-.006368
		T2CAL1	250.000	249.407	.592651
		T2CAL2	1250.00	1235.23	14.7673
		T2CAL3	2500.00	2529.70	-29.7007
CorCoef: 0.99992					
Element	Wavelength	Standard	Known	Measured	Residual
Pb2203	220.353	NONE	Concentration	Concentration	Concentration
		NONE	.000000	.000000	.000000
			.000000	.000000	.000000
Element	Wavelength	Standard	Known	Measured	Residual
Se1960	196.026	NONE	Concentration	Concentration	Concentration
		NONE	.000000	.000000	.000000
			.000000	.000000	.000000
Element	Wavelength	Standard	Known	Measured	Residual
Na3302	330.232	T2CAL-BLK	Signal	Signal	Signal
			.020000	.144670	-.124670
		T2CAL3	147.500	166.862	-19.3621
Element	Wavelength	Standard	Known	Measured	Residual
Tl1908	190.864	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.162665	.162665
		T2CAL1	1000.00	1021.20	-21.1962
		T2CAL2	5000.00	4975.11	24.8872
		T2CAL3	10000.0	9907.18	92.8184
CorCoef: 0.99999					
Element	Wavelength	Standard	Known	Measured	Residual
V_2924	292.402	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.076079	.076079
		T2CAL1	500.000	507.666	-7.66559
		T2CAL2	2500.00	2470.46	29.5361
		T2CAL3	5000.00	4943.43	56.5693
CorCoef: 1.00000					
Element	Wavelength	Standard	Known	Measured	Residual
Zn2062	206.200	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.200635	.200635
		T2CAL1	500.000	522.046	-22.0464
		T2CAL2	2500.00	2463.69	36.3149
		T2CAL3	5000.00	4823.73	176.275
CorCoef: 0.99993					
Element	Wavelength	Standard	Known	Measured	Residual
B_2496	249.678	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.009540	.009540
		T2CAL1	200.000	202.267	-2.26688
		T2CAL2	1000.00	997.588	2.41168
		T2CAL3	2000.00	2013.29	-13.2944
CorCoef: 0.99999					
Element	Wavelength	Standard	Known	Measured	Residual
Mo2020	202.030	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.093265	.093265

79065v1
T2CAL1 500.000 510.685 -10.6845
T2CAL2 2500.00 2478.87 21.1274
T2CAL3 5000.00 4931.42 68.5806
CorCoef: 0.99999
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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	-.035925	.035925
		T2CAL1	200.000	205.837	-5.83740
		T2CAL2	1000.00	997.140	2.86005
		T2CAL3	2000.00	1995.47	4.53418

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.476514	.476514
		T2CAL1	2000.00	2055.24	-55.2415
		T2CAL2	10000.0	9908.75	91.2490
		T2CAL3	20000.0	19637.3	362.689

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.544977	.544977
		T2CAL1	2000.00	2075.73	-75.7266
		T2CAL2	10000.0	9986.19	13.8096
		T2CAL3	20000.0	19671.8	328.244

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.528275	.528275
		T2CAL1	2000.00	2052.84	-52.8352
		T2CAL2	10000.0	9840.62	159.378
		T2CAL3	20000.0	19536.5	463.500

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	-.136990	.136990
		T2CAL1	1000.00	1015.20	-15.1988
		T2CAL2	5000.00	4970.79	29.2100
		T2CAL3	10000.0	9888.30	111.696

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	-.132777	.132777
		T2CAL1	1000.00	1011.65	-11.6522
		T2CAL2	5000.00	4922.24	77.7617
		T2CAL3	10000.0	9908.62	91.3779

CorCoef: 0.99999

Method: SW846 Sample Name: ICV 1052686 Operator:
Run Time: 07/07/11 15:46:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	987.6	4937.	9920.	985.9	2467.	124000.
SDev	407.	.1	1.	49.	1.2	10.	282.
%RSD	.3262	.0058	.0229	.4924	.1246	.4088	.2273

#1	125200.	987.5	4936.	9955.	985.0	2460.	123800.
#2	124600.	987.6	4938.	9886.	986.7	2474.	124200.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	131800.	1054.	5272.	10540.	1054.	2636.	131800.
Low	118200.	946.0	4728.	9455.	946.0	2364.	118200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4956.	2471.	12420.	98800.	124600.	4946.	2469.
SDev	9.	1.	57.	72.	414.	3.	8.
%RSD	.1766	.0515	.4571	.0727	.3327	.0516	.3276

#1	4949.	2470.	12460.	98750.	124900.	4944.	2463.
#2	4962.	2472.	12380.	98850.	124300.	4948.	2474.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5272.	2636.	13180.	105400.	131800.	5272.	2636.

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	Low	4728.	2364.	11820.	94560.	79065v1 118200.	4728.	2364.
Elem Units	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	51080.	1238.	9885.	4944.	126200.	4963.	2481.	
SDev	342.	1.	18.	9.	305.	10.	1.	
%RSD	.6698	.0755	.1852	.1734	.2414	.1945	.0240	
#1	51320.	1238.	9872.	4951.	126400.	4956.	2481.	
#2	50840.	1237.	9898.	4938.	126000.	4969.	2482.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	52720.	1318.	10540.	5272.	131800.	5272.	2636.	
Low	47280.	1182.	9455.	4728.	118200.	4728.	2364.	
Elem Units	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2450.	995.1	2469.	981.9	9959.	9874.	9890.	
SDev	15.	.1	3.	1.9	13.	18.	37.	
%RSD	.6180	.0120	.1110	.1983	.1295	.1848	.3696	
#1	2440.	995.0	2468.	980.5	9968.	9887.	9864.	••Analysis Report
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#2	2461.	995.2	2471.	983.3	9950.	9861.	9916.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2636.	1054.	2636.	1054.	10540.		
Low	2364.	946.0	2364.	946.0	9455.		
Elem Units	1960/1	1960/2					
Units	ppb	ppb					
Avge	4950.	4942.					
SDev	16.	5.					
%RSD	.3298	.0952					
#1	4961.	4945.					
#2	4938.	4939.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1080	--	--	--	--	--	--
SDev	5.209216	--	--	--	--	--	--
%RSD	.4822368	--	--	--	--	--	--
#1	1077	--	--	--	--	--	--
#2	1084	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 07/07/11 15:52:46
Comment:
Mode: CONC Corr. Factor: 1

	Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
			07/07/11 03:58:51 PM		page 16			
Avge	-19.87	- .1073	1.225	- .8097	.0520	- .2727	-5.655	
SDev	6.62	2.2382	3.583	.0066	.0416	.0232	1.379	
%RSD	33.33	2085.	292.5	.8147	79.94	8.508	24.39	
#1	-24.55	1.475	-1.309	- .8050	.0814	- .2891	-6.630	
#2	-15.19	-1.690	3.759	- .8144	.0226	- .2563	-4.680	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.	
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.	
Elem Units	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.6401	-.6485	1.258	12.56	9.520	-.2557	-1.179	

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SDev	.1110	.2032	.097	5.34	79065v1 6.044	.0079	.636
%RSD	17.35	31.34	7.743	42.50	63.49	3.087	53.95
#1	-.7186	-.7922	1.189	16.33	5.246	-.2613	-.7292
#2	-.5616	-.5048	1.326	8.782	13.79	-.2501	-1.629
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-147.3	1.342	-.0676	.0757	158.4	.4126	1.190
SDev	25.7	.223	.0180	1.634	60.2	2.421	.254
%RSD	17.44	16.59	26.60	2159.	38.01	586.7	21.36
#1	-165.5	1.184	-.0549	1.231	115.9	2.125	1.370
#2	-129.2	1.499	-.0803	-1.080	201.0	-1.299	1.010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5433	1.772	1.377	-.5011	-.0403	-1.661	.7250
SDev	.1730	.729	.247	1.0080	.1310	2.582	1.260
%RSD	31.85	41.16	17.97	201.2	325.1	155.5	173.8
#1	-.6657	2.287	1.552	.2117	.0524	.1653	-.1661
#2	-.4210	1.256	1.202	-1.214	-.1330	-3.487	1.616
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-7.670	3.933					
SDev	5.651	.372					
%RSD	73.68	9.453					

#1 -3.674 3.671 ••Analysis Report

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#2 -11.67 4.196

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1110	--	--	--	--	--	--
SDev	31.78019	--	--	--	--	--	--
%RSD	2.864365	--	--	--	--	--	--

#1 1132
#2 1087

Method: SW846 Sample Name: ICSA 1052690 Operator:
Run Time: 07/07/11 15:58:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	479000.	-.5732	1.830	1.870	.0099	1.908	452700.
SDev	236.	.4747	4.370	.172	.0149	.296	890.
%RSD	.0492	82.81	238.8	9.201	150.6	15.50	.1966
#1	479200.	-.9089	-1.260	1.748	-.0006	2.118	452100.
#2	478800.	-.2376	4.919	1.992	.0205	1.699	453300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	20.00	10.00	100.0	5.000	8.000	600000.

Low	400000.	-20.00	-10.00	-100.0	79065v1 -5.000	-8.000	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.252	1.189	3.297	193800.	523100.	-6.442	-.3036

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SDev	.954	.487	.947	249.	298.	.129	.0671
%RSD	22.43	40.93	28.72	.1282	.0569	2.010	22.10
#1	-4.927	.8451	2.627	193600.	523300.	-6.534	-.2562
#2	-3.578	1.533	3.966	194000.	522900.	-6.350	-.3511

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	20.00	50.00	240000.	600000.	20.00	20.00
Low	-20.00	-20.00	-50.00	160000.	400000.	-20.00	-20.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-144.3	1.566	-3.680	-3.924	-548.5	-.3890	2.635
SDev	.8	.877	1.107	1.289	6.5	3.3043	.065
%RSD	.5540	56.02	30.08	32.85	1.182	849.3	2.467
#1	-143.8	.9456	-2.897	-3.013	-543.9	-2.726	2.589
#2	-144.9	2.186	-4.462	-4.836	-553.0	1.947	2.681

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	10.00	10.00	10.00	2000.	20.00	20.00
Low	-2000.	-10.00	-10.00	-10.00	-2000.	-20.00	-20.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.156	-2.504	1.983	2.701	-1.613	-49.62	19.25
SDev	.740	.233	.098	.338	.260	14.55	8.92
%RSD	12.03	9.309	4.931	12.53	16.14	29.32	46.36
#1	5.632	-2.339	1.914	2.940	-1.797	-59.90	25.56
#2	6.679	-2.669	2.052	2.461	-1.429	-39.33	12.94

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	30.00	30.00	50.00	30.00		
Low	-30.00	-30.00	-30.00	-50.00	-30.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.382	-6.583
SDev	4.564	4.212
%RSD	330.3	63.97
#1	-1.846	-3.605
#2	4.610	-9.561

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1043	--	--	--	--	--	--
SDev	.4872580	--	--	--	--	--	--
%RSD	.0467282	--	--	--	--	--	--

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#1	1042	--	--	--	--	--	--
#2	1043	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 1052692 Operator:
 Run Time: 07/07/11 16:05:03
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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79065v1							
Avge	477300.	101.8	102.4	107.3	100.3	101.2	451400.
SDev	9319.	2.6	1.4	2.0	2.1	2.6	9563.
%RSD	1.952	2.601	1.334	1.876	2.068	2.574	2.118
#1	483900.	99.90	103.4	108.7	101.8	103.0	458200.
#2	470700.	103.6	101.4	105.9	98.84	99.32	444600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	94.10	99.19	108.1	193700.	521000.	94.26	98.00
SDev	2.84	1.61	2.1	4095.	9934.	2.10	2.54
%RSD	3.019	1.620	1.896	2.114	1.907	2.226	2.593
#1	96.11	100.3	109.6	196600.	528100.	95.74	99.80
#2	92.09	98.05	106.7	190800.	514000.	92.77	96.21
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10980.	106.3	98.06	102.2	9580.	95.45	102.8
07/07/11 04:11:08 PM page 22 ••Analysis Report							
SDev	241.	1.9	3.34	.7	253.	2.48	1.6
%RSD	2.192	1.832	3.402	.6436	2.638	2.596	1.567
#1	11150.	107.7	100.4	102.7	9759.	97.20	103.9
#2	10810.	104.9	95.70	101.8	9401.	93.70	101.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	104.2	100.1	102.6	92.69	100.9	53.23	120.4
SDev	3.1	2.7	3.4	3.22	2.1	2.02	6.0
%RSD	2.983	2.699	3.322	3.474	2.110	3.796	4.988
#1	106.4	102.0	105.0	90.41	102.4	51.81	124.7
#2	102.0	98.15	100.2	94.97	99.42	54.66	116.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	107.4	99.61					
SDev	2.8	.41					
%RSD	2.610	.4153					
#1	109.4	99.32					
#2	105.5	99.90					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1057	--	--	--	--	--	--
SDev	18.88826	--	--	--	--	--	--
%RSD	1.787184	--	--	--	--	--	--
#1	1044	--	--	--	--	--	--
#2	1070	--	--	--	--	--	--

Method: SW846

Sample Name: INT-20

Operator:

Run Time: 07/07/11 16:11:11
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37.29	-18.38	1.471	9750.	-1.1989	-1.793	25.95
SDev	.95	1.10	2.690	89.	.0201	.213	1.80

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%RSD	2.543	5.987	182.9	.9104	10.12	11.90	6.929
#1	36.62	-17.60	-.4313	9688.	-.1847	-1.944	24.68
#2	37.96	-19.16	3.373	9813.	-.2132	-1.642	27.22
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20460.	20220.	-.3970	24.35	30.63	19300.	10310.
SDev	218.	210.	.1971	5.25	7.30	189.	57.
%RSD	1.063	1.037	49.65	21.58	23.84	.9792	.5573
#1	20310.	20070.	-.2577	20.63	25.47	19170.	10270.
#2	20610.	20370.	-.5364	28.06	35.80	19440.	10350.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-126.4	2.865	1.447	-3.370	-77.53	-3.909	20050.
SDev	14.4	.315	1.580	.114	6.50	3.328	220.
%RSD	11.36	11.01	109.2	3.378	8.382	85.13	1.099
#1	-136.6	3.088	2.564	-3.290	-72.93	-6.262	19890.
#2	-116.3	2.642	.3296	-3.451	-82.12	-1.556	20200.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.686	6.362	9712.	3.354	19720.	-.3432	2.336
SDev	.021	.722	59.	1.282	203.	2.1195	3.427
%RSD	.5777	11.35	.6046	38.22	1.028	617.5	146.7
#1	3.701	6.873	9671.	4.260	19580.	-1.842	4.759
#2	3.671	5.851	9754.	2.447	19860.	1.156	-.0869
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-14.73	2.292					
SDev	1.37	.855					
%RSD	9.307	37.31					
#1	-15.70	2.897					
#2	-13.76	1.687					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1098	--	--	--	--	--	--
SDev	10.79330	--	--	--	--	--	--
%RSD	.9829010	--	--	--	--	--	--
#1	1106	--	--	--	--	--	--
#2	1090	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM

Operator:

Run Time: 07/07/11 16:17:19

Comment:

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Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.2	9.307	4.689	205.6	2.105	4.018	5215.
SDev	1.9	.145	2.335	.1	.005	.068	16.
%RSD	.8969	1.553	49.80	.0711	.2200	1.681	.3096
#1	215.5	9.409	6.340	205.5	2.108	3.970	5227.
#2	212.8	9.204	3.038	205.7	2.101	4.066	5204.

79065v1

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.23	51.78	26.43	177.0	4911.	16.19	40.88
SDev	.57	.78	.32	4.4	3.	.06	.63
%RSD	5.070	1.508	1.201	2.478	.0560	.3866	1.548

#1	11.64	52.33	26.20	180.1	4909.	16.23	41.32
#2	10.83	51.23	26.65	173.9	4913.	16.14	40.43

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4489.	10.95	5.106	3.975	4872.	6.925	52.91
SDev	22.	.49	.025	.015	33.	1.298	.19
%RSD	.4982	4.464	.4846	.3706	.6774	18.74	.3648

#1	4505.	10.61	5.123	3.985	4896.	6.007	53.04
#2	4474.	11.30	5.088	3.964	4849.	7.842	52.77

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.99	53.12	24.07	50.58	21.53	4.752	5.278
SDev	.23	.32	1.92	.05	.04	2.507	1.215
%RSD	.6963	.6044	7.984	.0991	.2064	52.77	23.02

#1	33.16	53.35	25.43	50.54	21.56	6.525	4.419
#2	32.83	52.90	22.71	50.61	21.50	2.979	6.137

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.4686	6.184
SDev	3.1813	1.566
%RSD	678.9	25.33

#1	1.781	5.076
#2	-2.718	7.291

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1092	--	--	--	--	--	--
SDev	6.670903	--	--	--	--	--	--
%RSD	.6107633	--	--	--	--	--	--

#1	1088	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

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Method: SW846 Sample Name: MB 460-79065/1-A Operator:
 Run Time: 07/07/11 16:23:28
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-11.49	-.8054	.7913	-.6373	-.0049	-.2696	5.596
SDev	1.37	1.9119	.6546	.0819	.0126	.1001	.201
%RSD	11.92	237.4	82.73	12.86	258.2	37.14	3.588

#1	-12.46	.5465	.3284	-.5794	.0040	-.1988	5.454
#2	-10.52	-2.157	1.254	-.6953	-.0138	-.3405	5.738

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6847	-.4945	1.219	8.525	14.45	-.2259	-.9103
SDev	.0981	.1542	.259	7.456	.02	.0396	.3820
%RSD	14.32	31.18	21.24	87.45	.1364	17.55	41.96

#1	-.6154	-.6036	1.402	13.80	14.43	-.2540	-.6403
#2	-.7541	-.3855	1.036	3.253	14.46	-.1979	-1.180

79065v1							
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-134.3	.9311	-.5902	1.506	245.2	-2.058	.8038
SDev	4.1	.1486	.1346	1.887	65.4	2.390	.4172
%RSD	3.025	15.96	22.81	125.3	26.66	116.1	51.90

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#1	-131.4	1.036	-.4950	2.841	291.4	-.3681	1.099
#2	-137.2	.8260	-.6854	.1722	198.9	-3.748	.5088

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0205	3.348	.2625	-1.312	-.0438	-1.777	-.0004
SDev	.7642	.442	1.056	1.802	.1085	2.498	1.4472
%RSD	3722.	13.21	402.5	137.4	247.6	140.6	345800.

#1	.5198	3.660	1.010	-.0375	.0329	-3.543	1.023
#2	-.5609	3.035	-.4846	-2.586	-.1206	-.0105	-1.024

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.349	2.923
SDev	.590	2.534
%RSD	43.70	86.72

#1	-.9323	4.715
#2	-1.766	1.130

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1102	--	--	--	--	--	--
SDev	.2248551	--	--	--	--	--	--
%RSD	.0204037	--	--	--	--	--	--
#1	1102	--	--	--	--	--	--
#2	1102	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-79065/2-A Operator:
Run Time: 07/07/11 16:29:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5220.	1032.	5222.	10020.	1015.	1060.	20900.
SDev	82.	13.	65.	162.	17.	13.	325.
%RSD	1.569	1.252	1.237	1.616	1.629	1.260	1.553

#1	5163.	1022.	5176.	9903.	1003.	1050.	20670.
#2	5278.	1041.	5267.	10130.	1027.	1069.	21130.

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High			6000.	12000.		1200.	
Low			4000.	8000.		800.0	

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5165.	1036.	1021.	1063.	19940.	1047.	1066.
SDev	82.	17.	16.	16.	324.	17.	13.

	79065v1						
%RSD	1.585	1.679	1.519	1.492	1.625	1.631	1.191
#1	5107.	1024.	1010.	1051.	19710.	1035.	1057.
#2	5223.	1049.	1032.	1074.	20170.	1059.	1075.
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	6000.		1200.				1200.
Low	4000.		800.0				800.0
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Ave	21220.	501.9	5211.	1028.	19950.	1042.	517.7
SDev	379.	9.0	73.	16.	320.	18.	8.0
%RSD	1.787	1.802	1.400	1.576	1.604	1.690	1.547
#1	20950.	495.5	5159.	1017.	19720.	1029.	512.1
#2	21490.	508.3	5262.	1039.	20180.	1054.	523.4
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		600.0	6000.	1200.			
Low		400.0	4000.	800.0			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Ave	1028.	1013.	1030.	989.9	1034.	5182.	5225.
SDev	12.	15.	17.	15.1	17.	88.	65.
%RSD	1.188	1.511	1.692	1.521	1.605	1.697	1.253

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#1	1020.	1002.	1017.	979.3	1022.	5120.	5178.
#2	1037.	1024.	1042.	1001.	1045.	5244.	5271.
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	1200.						
Low	800.0						
Elem	1960/1	1960/2					
Units	ppb	ppb					
Ave	1020.	1032.					
SDev	16.	16.					
%RSD	1.598	1.565					
#1	1009.	1020.					
#2	1032.	1043.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Ave	1124	--	--	--	--	--	--
SDev	17.23927	--	--	--	--	--	--
%RSD	1.533637	--	--	--	--	--	--
#1	1136	--	--	--	--	--	--
#2	1112	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28394-A-28-E DU Operator:
Run Time: 07/07/11 16:35:45
Comment:
Mode: CONC Corr. Factor: 1
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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Ave	173.4	-1.045	2.625	90.02	.0656	-.0025	24700.
SDev	5.8	2.087	.143	.42	.0115	.1670	200.
%RSD	3.330	199.6	5.443	.4620	17.59	6601.	.8079
#1	169.3	-2.521	2.726	90.32	.0737	-.1206	24560.
#2	177.5	.4303	2.524	89.73	.0574	.1156	24840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

	High	Low	250000.	2000.	10000.	20000.	79065v1	5000.	250000.
			-200.0	-10.00	-10.00	-20.00	2000.	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb		
Avge	5.064	9.670	.4030	3177.	3678.	639.8	16.56		
SDev	.742	.776	.0657	40.	30.	4.5	.51		
%RSD	14.64	8.028	16.31	1.269	.8194	.7064	3.056		
#1	4.540	9.121	.4494	3148.	3657.	636.6	16.20		
#2	5.589	10.22	.3565	3205.	3700.	643.0	16.92		
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass		
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.		
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00		
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb		
Avge	1924.	1.078	2.159	.9316	H269900.	-3.036	.9415		
SDev	35.	.009	.850	.2801	1253.	.937	.6966		
%RSD	1.809	.8195	39.35	30.07	.4643	30.87	73.99		
#1	1900.	1.084	2.760	.7336	H269000.	-3.698	.4489		
#2	1949.	1.072	1.558	1.130	H270800.	-2.373	1.434		
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass		
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.		
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00		
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb		
Avge	11.45	28.72	.9801	4.419	.4369	.4538	3.008		
SDev	.09	.58	1.351	.575	.4048	.2729	1.412		
%RSD	.7475	2.027	137.8	13.00	92.64	60.15	46.94		
#1	11.39	28.31	.0251	4.825	.1507	.2608	4.006		
#2	11.51	29.14	1.935	4.013	.7231	.6468	2.009		
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK		
High	5000.	2000.	5000.	2000.	20000.				
Low	-30.00	-10.00	-10.00	-10.00	-10.00				
Elem	1960/1	1960/2							
Units	ppb	ppb							
Avge	-1.022	1.898							
SDev	1.550	1.194							
%RSD	151.6	62.90							

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#1	.0737	1.054					
#2	-2.118	2.741					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1102	--	--	--	--	--	--
SDev	9.893798	--	--	--	--	--	--
%RSD	.8981689	--	--	--	--	--	--
#1	1109	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28394-A-28-D@5 Operator:
Run Time: 07/07/11 16:41:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	174.0	1.156	1.493	89.78	.0885	-.0667	24600.
SDev	18.3	.896	.084	7.16	.0262	.2494	1963.
%RSD	10.51	77.56	5.604	7.981	29.59	373.8	7.978

79065v1

#1	161.1	1.790	1.434	84.71	.0700	.1096	23210.
#2	186.9	.5219	1.553	94.85	.1071	-.2431	25990.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	••Analysis Report
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Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.624	9.623	1.593	3169.	3636.	636.1	16.15
SDev	.639	1.045	1.776	248.	296.	51.0	1.12
%RSD	11.36	10.86	111.5	7.831	8.142	8.015	6.912

#1	5.172	8.884	.3377	2993.	3427.	600.1	15.36
#2	6.076	10.36	2.849	3344.	3845.	672.2	16.94

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1882.	1.066	3.127	.4511	H267600.	-5.132	1.042
SDev	.214.	.106	.289	.7659	19645.	3.015	.008
%RSD	11.36	9.962	9.231	169.8	7.341	58.75	.7709

#1	1731.	.9913	3.332	.9926	H253700.	-7.265	1.047
#2	2033.	1.142	2.923	-.0905	H281500.	-3.000	1.036

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.63	28.13	1.818	4.749	.2413	3.037	3.169
SDev	.95	3.13	.129	.328	.4100	2.250	.691
%RSD	8.129	11.12	7.109	6.917	169.9	74.09	21.79

#1	10.97	25.91	1.909	4.981	-.0486	4.628	2.680
#2	12.30	30.34	1.727	4.516	.5313	1.446	3.657

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avg	-.1590	.7461
SDev	1.0691	.6145
%RSD	672.5	82.35

#1	.5970	1.181
#2	-.9149	.3116

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1100	--	--	--	--	--	--

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SDev	3.710153	--	--	--	--	--	--
%RSD	.3372414	--	--	--	--	--	--
#1	1098	--	--	--	--	--	--
#2	1103	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-28394-A-28-D Operator:

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Run Time: 07/07/11 16:48:03
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.57	-.0587	.9600	19.27	.0159	-.1884	5440.
SDev	1.69	2.7898	1.493	.08	.0056	.0596	14.
%RSD	7.148	4749.	155.6	.4071	35.62	31.61	.2491

#1	24.76	1.914	-.0960	19.33	.0199	-.1463	5449.
#2	22.38	-2.031	2.016	19.22	.0119	-.2305	5430.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8682	1.628	.9603	701.6	810.0	140.7	2.187
SDev	.2369	.700	.1587	2.5	1.0	.3	.815
%RSD	27.29	42.98	16.53	.3615	.1283	.1988	37.28

#1	1.036	2.123	1.073	699.8	809.3	140.9	2.763
#2	.7006	1.133	.8481	703.4	810.8	140.5	1.610

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	••Analysis Report
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Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	154.0	.6466	-.2578	2.656	61050.	-3.819	.6507
SDev	9.3	.4877	.0454	.980	105.	1.056	.3441
%RSD	6.037	75.42	17.62	36.91	.1724	27.66	52.88

#1	160.6	.9914	-.2257	3.349	61120.	-3.072	.8940
#2	147.5	.3018	-.2899	1.963	60970.	-4.566	.4074

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.819	5.328	1.071	-.2534	-.0465	-1.008	.1126
SDev	.084	.149	.040	1.3585	.3845	1.079	.4704
%RSD	4.627	2.791	3.765	536.1	826.8	107.0	417.8

#1	1.879	5.222	1.100	-1.214	-.3184	-.2452	-.2200
#2	1.760	5.433	1.043	.7072	.2254	-1.771	.4452

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.106	4.524
SDev	1.264	.839
%RSD	114.2	18.53

#1	-.2125	5.117
#2	-2.000	3.931

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	4.347343	--	--	--	--	--	--

%RSD	.3952267	--	--	--	--	--	--
#1	1097	--	--	--	--	--	--
#2	1103	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28394-A-28-F MS Operator:
 Run Time: 07/07/11 16:54:11
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1235.	211.7	1078.	2172.	209.7	216.5	28670.
SDev	4.	2.5	1.	.	.2	.4	40.
%RSD	.3332	1.181	.0783	.0107	.1191	.1975	.1382
#1	1232.	213.4	1078.	2173.	209.5	216.2	28640.
#2	1238.	209.9	1077.	2172.	209.9	216.9	28690.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1060.	220.1	209.1	3376.	7655.	844.4	232.2
SDev	1.	.2	1.2	15.	15.	.4	.1
%RSD	.0896	.1119	.5671	.4386	.1988	.0527	.0322
#1	1059.	220.3	208.2	3365.	7644.	844.1	232.2
#2	1060.	219.9	209.9	3386.	7666.	844.7	232.1

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6474.	103.3	1061.	214.4	H271200.	209.3	106.6
SDev	7.	.8	4.	1.2	555.	1.7	.4
%RSD	.1104	.8088	.3838	.5502	.2046	.8035	.3865
#1	6479.	102.8	1058.	215.2	H270800.	208.1	106.3
#2	6469.	103.9	1064.	213.6	H271600.	210.5	106.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	••Analysis Report
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Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	221.5	232.2	208.4	204.2	210.8	1055.	1064.
SDev	.4	1.4	.1	.5	.3	.	6.
%RSD	.1616	.5832	.0353	.2486	.1192	.0049	.5761
#1	221.2	231.3	208.5	204.6	210.6	1055.	1060.
#2	221.7	233.2	208.3	203.9	211.0	1055.	1068.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	211.5	215.9
SDev	2.1	2.8
%RSD	.9864	1.302

#1	210.0	217.8
#2	213.0	213.9

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	79065v1 NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1103	--	--	--	--	--	--
SDev	1.461601	--	--	--	--	--	--
%RSD	.1325676	--	--	--	--	--	--

#1	1104	--	--	--	--	--	--
#2	1101	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1052686 Operator:
Run Time: 07/07/11 17:00:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	129000.	1028.	5149.	10010.	1018.	2549.	127000.
SDev	.	1.	1.	5.	1.	.	234.
%RSD	.0004	.1364	.0111	.0537	.1320	.0154	.1839

#1	129000.	1029.	5149.	10010.	1017.	2549.	126800.
#2	129000.	1027.	5149.	10000.	1019.	2549.	127100.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5085.	2549.	12710.	101700.	128100.	5076.	2552.
SDev	6.	3.	5.	167.	10.	4.	.
%RSD	.1254	.0986	.0415	.1638	.0079	.0786	.0013

#1	5080.	2547.	12710.	101600.	128100.	5073.	2552.
#2	5089.	2551.	12700.	101800.	128100.	5079.	2552.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52680.	1280.	10190.	5183.	130500.	5132.	2547.
SDev	16.	1.	27.	24.	82.	5.	3.
%RSD	.0311	.0459	.2609	.4580	.0630	.0927	.1022

#1	52690.	1280.	10170.	5166.	130500.	5129.	2545.
#2	52670.	1280.	10210.	5200.	130400.	5136.	2549.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2468.	1034.	2523.	1019.	10200.	10120.	10220.
SDev	1.	1.	3.	2.	2.	30.	25.
%RSD	.0372	.1330	.1175	.2019	.0232	.2982	.2425

#1	2468.	1035.	2521.	1017.	10200.	10100.	10210.
#2	2469.	1033.	2525.	1020.	10210.	10150.	10240.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2	••Analysis Report	07/07/11 05:06:26 PM	page
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Units	ppb	ppb
Avg	5156.	5197.
SDev	22.	25.
%RSD	.4236	.4751

#1	5141.	5179.
#2	5172.	5214.

Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1082	--	--	--	--	--	--
SDev	3.597768	--	--	--	--	--	--
%RSD	.3326102	--	--	--	--	--	--
#1	1084	--	--	--	--	--	--
#2	1079	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 07/07/11 17:06:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-14.73	1.168	-.5396	-.9269	-.0388	-.1667	-10.92
SDev	.13	1.435	.0608	.0014	.0080	.0990	.44
%RSD	.9068	122.9	11.26	.1478	20.68	59.41	4.064

#1	-14.83	.1532	-.4966	-.9279	-.0445	-.2367	-10.61
#2	-14.64	2.183	-.5825	-.9259	-.0331	-.0967	-11.24

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5687	-.7648	1.033	13.01	7.126	-.2539	-.6251
SDev	.3936	.3801	.030	3.38	4.332	.0804	.2801
%RSD	69.22	49.71	2.914	25.94	60.79	31.67	44.80

#1	-.2903	-.4960	1.054	15.40	10.19	-.1970	-.8231
#2	-.8470	-1.034	1.012	10.63	4.063	-.3107	-.4271

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-139.1	1.069	-.5289	.5858	164.5	.8843	.6704
SDev	6.0	.149	1.2217	2.241	28.0	.3733	.0642
%RSD	4.324	13.98	231.0	382.6	17.01	42.21	9.581

#1	-134.8	.9631	.3350	-.9990	184.3	.6203	.6250
#2	-143.3	1.174	-1.393	2.171	144.7	1.148	.7158

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9351	1.245	2.175	-.2811	-.2162	-4.574	1.488
SDev	.1906	.548	.598	1.6753	.0775	2.490	3.077
%RSD	20.39	44.03	27.48	596.0	35.86	54.44	206.8

#1	-.8003	.8576	2.598	-1.466	-.1614	-6.334	3.663
#2	-1.070	1.633	1.752	.9035	-.2711	-2.813	-.6878

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.224	3.477
SDev	5.868	.431

%RSD 112.3 12.39

#1 -9.373 3.172

#2 -1.075 3.781

Errors NOCHECK NOCHECK

High

Low

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1103	--	--	--	--	--	--
SDev	4.347257	--	--	--	--	--	--
%RSD	.3942879	--	--	--	--	--	--
#1	1099	--	--	--	--	--	--
#2	1106	--	--	--	--	--	--

Method: SW846 Sample Name: PS 460-28394-A-28-D Operator:

Run Time: 07/07/11 17:12:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4787.	1025.	5183.	10010.	1023.	1051.	42610.
SDev	9.	1.	13.	5.	1.	1.	5.
%RSD	.1815	.0969	.2548	.0507	.0538	.0648	.0125
#1	4794.	1024.	5174.	10010.	1023.	1051.	42610.
#2	4781.	1026.	5192.	10000.	1023.	1052.	42600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5155.	920.9	1025.	4193.	21200.	1665.	1068.
SDev	1.	1.0	1.	3.	38.	1.	2.
%RSD	.0125	.1122	.1044	.0641	.1772	.0882	.2091
#1	5156.	921.6	1026.	4195.	21230.	1666.	1067.
#2	5155.	920.2	1024.	4191.	21180.	1664.	1070.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22180.	552.5	5169.	1040.	H284400.	1045.	575.8
SDev	57.	5.8	5.	2.	441.	5.	.2
%RSD	.2568	1.057	.0913	.2218	.1550	.5226	.0281
#1	22140.	548.4	5166.	1042.	H284700.	1049.	575.9
#2	22220.	556.6	5173.	1039.	H284100.	1041.	575.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1029.	920.6	899.6	835.2	899.5	5140.	5184.
SDev	3.	1.5	1.7	1.4	1.0	3.	5.
%RSD	.2713	.1626	.1899	.1718	.1090	.0658	.1039
#1	1027.	921.6	898.4	836.2	900.2	5137.	5181.
#2	1031.	919.5	900.8	834.2	898.8	5142.	5188.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5000.	2000.	5000.	2000.	79065v1
Low	-30.00	-10.00	-10.00	-10.00	20000.
					-10.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1030.	1045.
SDev	3.	2.
%RSD	.2944	.1861

#1	1032.	1047.
#2	1028.	1044.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1096	--	--	--	--	--	--
SDev	.8619590	--	--	--	--	--	--
%RSD	.0786335	--	--	--	--	--	--
#1	1096	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-1-P@5 Operator:
Run Time: 07/07/11 17:18:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1556.	.8274	2.040	147.6	.1618	.0163	23260.
SDev	2.	.7735	.651	.7	.0096	.1103	52.
%RSD	.1533	93.49	31.91	.4473	5.916	674.8	.2244

#1	1558.	.2804	2.500	148.1	.1686	-.0617	23300.
#2	1555.	1.374	1.579	147.1	.1550	.0944	23220.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.984	2.768	3.782	2339.	2147.	562.9	4.215
SDev	.077	.454	.229	5.	8.	2.1	.266
%RSD	2.580	16.41	6.045	.2299	.3534	.3644	6.306

#1	3.038	2.446	3.620	2343.	2153.	564.3	4.027
#2	2.929	3.089	3.943	2335.	2142.	561.4	4.402

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	663.1	1.094	1697.	-.4440	H250100.	-4.614	3.641
SDev	3.4	.064	10.	1.3647	123.	.461	.269
%RSD	.5186	5.855	.5693	307.4	.0493	9.984	7.374

#1	660.7	1.049	1704.	-1.409	H250200.	-4.940	3.451
#2	665.5	1.139	1690.	.5210	H250000.	-4.289	3.831

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.71	30.34	1.442	3.984	45.73	1688.	1702.
SDev	.48	.08	.526	2.143	.36	3.	13.

%RSD	1.378	.2658	36.46	53.80	79065v1 .7969	.2047	.7499
#1	34.37	30.28	1.070	2.469	45.48	1690.	1711.
#2	35.05	30.40	1.814	5.500	45.99	1686.	1693.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.960	.3032					
SDev	1.918	1.089					
%RSD	97.87	359.0					
#1	-3.316	-.4665					
#2	-.6036	1.073					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	3.073135	--	--	--	--	--	--
%RSD	.2793317	--	--	--	--	--	--
#1	1098	--	--	--	--	--	--
#2	1102	--	--	--	--	--	--

Method:	SW846	Sample Name: 460-28223-A-2-L@5			Operator:		
Run Time:	07/07/11	17:24:55					
Comment:							
Mode:	CONC	Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	328.1	1.637	2.162	34.04	.0788	-.1463	5467.
SDev	1.2	3.503	1.481	.24	.0030	.0034	15.
%RSD	.3709	213.9	68.48	.7140	3.844	2.322	.2799
#1	327.2	4.114	3.209	34.21	.0809	-.1487	5478.
#2	329.0	-.8395	1.115	33.87	.0766	-.1439	5456.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9646	1.175	6.365	972.2	934.6	169.8	3.229
SDev	.0884	.857	.318	10.1	3.3	.1	.222
%RSD	9.168	72.93	5.004	1.039	.3583	.0432	6.864
#1	.9021	1.781	6.590	979.3	936.9	169.8	3.072
#2	1.027	.5691	6.140	965.0	932.2	169.7	3.386
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	169.3	.9696	4.232	4.031	H254200.	-3.356	1.317
SDev	11.6	.1441	1.059	2.792	576.	.361	.345
%RSD	6.871	14.86	25.02	69.26	.2266	10.76	26.22
#1	177.5	1.072	4.981	2.057	H254600.	-3.611	1.562
#2	161.1	.8677	3.484	6.005	H253800.	-3.100	1.073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	79065v1 ppb	ppb	ppb
Avge	19.09	47.19	.6358	3.127	8.537	5.308	3.691
SDev	.05	.16	.4848	.636	1.520	2.192	.493
%RSD	.2657	.3355	76.26	20.34	17.80	41.31	13.35
#1	19.13	47.31	.2929	2.677	7.462	6.858	4.040
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#2	19.05	47.08	.9786	3.576	9.612	3.758	3.343
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.256	4.408					
SDev	1.286	3.544					
%RSD	39.49	80.39					
#1	2.347	1.902					
#2	4.165	6.914					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1097	--	--	--	--	--	--
SDev	5.096831	--	--	--	--	--	--
%RSD	.4644161	--	--	--	--	--	--
#1	1094	--	--	--	--	--	--
#2	1101	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-3-N@5 Operator:
Run Time: 07/07/11 17:31:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	899.1	.4009	1.688	64.88	.0343	-.1052	42970.
SDev	1.9	1.1268	1.343	.02	.0137	.1677	48.
%RSD	.2103	281.1	79.59	.0253	39.96	159.5	.1127
#1	900.4	.3959	2.637	64.89	.0441	-.2238	43000.
#2	897.8	-1.198	.7378	64.86	.0246	.0134	42940.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7066	4.076	1.959	998.9	3754.	658.7	4.184
SDev	.4636	.374	.024	7.0	9.	1.0	.032
%RSD	65.60	9.172	1.206	.7027	.2424	.1553	.7594
#1	1.034	3.811	1.975	994.0	3760.	659.4	4.206
#2	.3788	4.340	1.942	1004.	3747.	658.0	4.161
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	919.1	.5629	16.16	2.295	248000.	-3.968	2.563
SDev	2.7	.0654	1.58	1.714	542.	.559	.479
%RSD	.2967	11.62	9.754	74.70	.2186	14.09	18.67

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	79065v1						
#1	921.0	.5166	17.27	3.507	248400.	-3.572	2.902
#2	917.2	.6092	15.04	1.083	247600.	-4.363	2.225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.41	34.12	.5293	1.666	23.90	14.23	17.12
SDev	.06	.40	1.173	1.738	.32	2.05	3.39
%RSD	.3600	1.183	221.6	104.4	1.328	14.44	19.80
#1	15.45	33.84	-.3001	.4366	23.67	12.78	19.51
#2	15.37	34.41	1.359	2.895	24.12	15.69	14.72
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.087	2.389					
SDev	2.984	1.080					
%RSD	143.0	45.22					

#1 4.197 3.152 ••Analysis Report 07/07/11 05:37:09 PM page 60

#2	-.0229	1.625					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	3.035587	--	--	--	--	--	--
%RSD	.2758590	--	--	--	--	--	--
#1	1098	--	--	--	--	--	--
#2	1103	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-4-L@5 Operator:
Run Time: 07/07/11 17:37:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	859.7	2.155	2.991	44.17	.0774	-.1858	14380.
SDev	6.6	.489	.618	.44	.0123	.0469	82.
%RSD	.7678	22.69	20.68	1.003	15.84	25.23	.5735
#1	864.4	1.809	2.554	44.49	.0861	-.1527	14440.
#2	855.0	2.500	3.428	43.86	.0688	-.2189	14320.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.613	2.177	1.425	1347.	1264.	239.6	3.678

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SDev	.566	.304	.021	15.	9.	1.5	.200
%RSD	21.64	13.98	1.441	1.150	.6851	.6387	5.440
#1	3.013	1.962	1.439	1358.	1270.	240.7	3.820
#2	2.213	2.392	1.410	1336.	1258.	238.5	3.537
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.

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Low	-10.00	-10.00	-10.00	-150.0	79065v1 -500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	322.6	1.273	5.431	2.072	H265300.	-6.016	2.855
SDev	10.6	.428	.768	.015	927.	.816	.074
%RSD	3.279	33.64	14.14	.7372	.3495	13.57	2.587
#1	330.1	1.576	5.973	2.083	H265900.	-6.593	2.908
#2	315.1	.9700	4.888	2.061	H264600.	-5.439	2.803
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.61	66.71	1.230	4.157	23.01	6.797	4.744
SDev	.42	2.10	.053	2.055	.33	1.650	.327
%RSD	1.947	3.154	4.344	49.44	1.432	24.27	6.898
#1	21.90	68.19	1.192	2.704	23.24	7.963	4.976
#2	21.31	65.22	1.268	5.611	22.78	5.630	4.513
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.6898	2.753					
SDev	.8582	.451					
%RSD	124.4	16.40					
#1	.0829	3.072					
#2	1.297	2.434					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1099	--	--	--	--	--	--
SDev	2.810732	--	--	--	--	--	--
%RSD	.2558196	--	--	--	--	--	--

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#1	1097	--	--	--	--	--	--
#2	1101	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-5-L@5 Operator:

Run Time: 07/07/11 17:43:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	905.5	1.091	3.345	55.90	.0787	-.2426	10340.
SDev	72.8	1.652	1.199	3.40	.0926	.0076	673.
%RSD	8.036	151.5	35.84	6.090	117.8	3.113	6.504
#1	956.9	-.0776	2.498	58.31	.0132	-.2479	10820.
#2	854.0	2.259	4.193	53.49	.1442	-.2373	9868.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.704	1.836	1.792	1231.	1133.	160.8	9.950
SDev	.372	.013	1.069	86.	61.	10.5	.097
%RSD	7.909	.6817	59.69	6.953	5.411	6.514	.9724

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#1	4.967	1.845	2.548	1292.	1176.	168.2	10.02
#2	4.441	1.827	1.035	1171.	1090.	153.3	9.881
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	287.6	2.271	4.564	.9787	247800.	-3.024	3.201

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SDev	114.6	.546	.017	3.361	12502.	3.079	.543
%RSD	39.85	24.06	.3672	343.4	5.046	101.8	16.96
#1	368.7	1.885	4.552	-1.398	H256600.	-.8472	3.585
#2	206.6	2.657	4.575	3.355	238900.	-5.201	2.817
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.26	73.69	.0375	3.320	27.31	1.541	6.069
SDev	1.32	3.05	.1793	.736	.24	.385	.218
%RSD	6.196	4.135	477.5	22.18	.8951	25.00	3.586
#1	22.19	75.85	.1643	2.800	27.14	1.813	5.915
#2	20.33	71.54	-.0892	3.841	27.49	1.268	6.223
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.274	2.094					
SDev	8.242	.925					
%RSD	646.8	44.17					
#1	-7.102	1.440					
#2	4.554	2.748					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1138	--	--	--	--	--	--
SDev	60.59979	--	--	--	--	--	--
%RSD	5.324667	--	--	--	--	--	--
#1	1095	--	--	--	--	--	--
#2	1181	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-6-0@5 Operator:
 Run Time: 07/07/11 17:49:29
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3040.	.4874	2.260	53.96	.0859	-.2251	32580.
SDev	15.	.5399	.038	.15	.0143	.0469	39.
%RSD	.4799	110.8	1.683	.2726	16.71	20.86	.1190
#1	3050.	.8691	2.233	54.06	.0758	-.1919	32610.
#2	3030.	.1056	2.287	53.86	.0961	-.2583	32560.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

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Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avg	3.758	5.973	2.848	3080.	4888.	459.7	6.815
SDev	.035	.004	.003	17.	6.	.5	.150
%RSD	.9232	.0594	.1015	.5459	.1156	.1161	2.208

#1	3.734	5.970	2.846	3092.	4892.	460.1	6.709
#2	3.783	5.975	2.850	3068.	4884.	459.3	6.921

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avg	1340.	1.304	8.431	2.480	H254400.	-2.236	8.674
SDev	1.	.303	.625	.470	413.	1.099	.064
%RSD	.0638	23.22	7.411	18.93	.1624	49.15	.7435

#1	1340.	1.519	8.873	2.812	H254700.	-1.459	8.720
#2	1339.	1.090	7.990	2.148	H254100.	-3.013	8.628

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
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Avg	29.97	44.37	1.101	2.921	75.85	4.963	10.16
SDev	.01	.92	.071	.639	.85	1.821	1.85
%RSD	.0353	2.079	6.450	21.88	1.116	36.70	18.17

#1	29.96	45.02	1.050	2.469	76.45	3.676	11.46
#2	29.98	43.72	1.151	3.373	75.25	6.251	8.853

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem Units	1960/1 ppb	1960/2 ppb
Avg	-2.808	5.111
SDev	2.148	.369
%RSD	76.51	7.211

#1	-1.289	4.850
#2	-4.327	5.372

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1103	--	--	--	--	--	--
SDev	.3372395	--	--	--	--	--	--
%RSD	.0305774	--	--	--	--	--	--

#1	1103	--	--	--	--	--	--
#2	1103	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-28223-A-7-K@5 Operator:
 Run Time: 07/07/11 17:55:38
 Comment:
 Mode: CONC Corr. Factor: 1

Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avg	89.37	-.4778	2.143	26.51	-.1044	-.2954	10710.
SDev	3.99	.7817	3.020	.03	.0063	.0555	13.
%RSD	4.465	163.6	140.9	.1225	6.019	18.80	.1190

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#1	92.19	.0749	4.278	26.53	- .1089	- .2561	10700.
#2	86.55	-1.030	.0072	26.48	- .1000	- .3347	10720.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4408	3.110	1.002	99.52	2550.	260.3	2.104
SDev	.0318	.624	.639	6.31	2.	.2	.301
%RSD	7.210	20.06	63.77	6.339	.0960	.0643	14.32
#1	-.4633	3.551	.5500	95.06	2552.	260.2	2.317
#2	-.4183	2.669	1.453	104.0	2548.	260.4	1.891
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	453.5	.9636	1.784	.1256	H253800.	-3.783	3.293
SDev	.3	.2382	2.287	1.139	65.	3.183	.201
%RSD	.0711	24.72	128.2	906.8	.0256	84.15	6.102
#1	453.2	.7952	3.402	.9310	H253800.	-1.532	3.151
#2	453.7	1.132	.1668	-.6798	H253700.	-6.034	3.435
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.71	75.04	.6993	2.223	1.325	1.540	1.903
SDev	.21	.69	.3674	.184	.301	3.975	1.443
%RSD	1.053	.9186	52.53	8.258	22.69	258.0	75.81
#1	19.56	74.56	.9591	2.093	1.112	4.351	2.923
#2	19.86	75.53	.4395	2.353	1.537	-1.270	.8829
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	••Analysis Report				
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Units	ppb	ppb
Avge	-.9545	.6553
SDev	3.9368	.2579
%RSD	412.4	39.35
#1	1.829	.4729
#2	-3.738	.8376
Errors	NOCHECK	NOCHECK
High		
Low		
IntStd	1	2
Mode	Counts	NOTUSED
Elem	Y	--
Wavlen	371.030	--
Avge	1094	--
SDev	1.311756	--
%RSD	.1199162	--
#1	1093	--
#2	1095	--

Method: SW846 Sample Name: 460-28223-A-8-K@5 Operator:

Run Time: 07/07/11 18:01:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

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					79065v1		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4107.	.8365	1.105	38.75	.0807	-.1565	13420.
SDev	73.	1.130	.983	.58	.0051	.1431	212.
%RSD	1.767	135.1	88.92	1.494	6.333	91.45	1.581
#1	4056.	1.636	.4103	38.34	.0843	-.2577	13270.
#2	4158.	.0372	1.800	39.16	.0771	-.0553	13570.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.74	3.026	5.998	5342.	2155.	185.6	14.40
SDev	.74	.104	.643	94.	23.	3.0	.23
%RSD	5.370	3.428	10.71	1.756	1.071	1.613	1.613
#1	13.22	2.953	5.544	5275.	2138.	183.5	14.24
#2	14.26	3.099	6.452	5408.	2171.	187.7	14.57
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	913.3	1.109	77.84	3.966	H259900.	-2.424	8.774
SDev	37.9	.087	1.57	1.019	3369.	.010	.365
%RSD	4.155	7.828	2.023	25.68	1.296	.4094	4.160
#1	886.5	1.048	76.73	3.245	H257500.	-2.417	8.516
#2	940.1	1.170	78.95	4.686	H262300.	-2.431	9.032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.19	96.80	.9233	3.557	95.53	74.56	79.48
SDev	.09	1.02	1.250	.032	1.78	2.79	.97
%RSD	.3589	1.056	135.4	.8859	1.868	3.737	1.221
#1	26.13	96.08	.0394	3.579	94.27	72.59	78.79
#2	26.26	97.52	1.807	3.535	96.79	76.53	80.16
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.8089	5.532					
SDev	3.292	.117					
%RSD	407.0	2.108					
#1	-1.519	5.615					
#2	3.137	5.450					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1114	--	--	--	--	--	--
SDev	11.80511	--	--	--	--	--	--
%RSD	1.059925	--	--	--	--	--	--
#1	1122	--	--	--	--	--	--
#2	1105	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-9-N@5 Operator:
 Run Time: 07/07/11 18:07:55
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	309.5	1.532	- .4293	59.91	.0067	.0112	30810.
SDev	.5	.596	1.1714	.00	.0127	.0559	13.
%RSD	.1507	38.88	272.9	.0063	191.1	498.0	.0423

#1	309.8	1.111	-1.258	59.91	.0157	.0508	30820.
#2	309.1	1.954	.3990	59.91	-.0023	-.0283	30800.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9510	3.737	- .1271	289.7	2411.	349.3	5.213
SDev	.3239	.304	.1206	11.9	8.	.2	.070
%RSD	34.06	8.127	94.88	4.098	.3209	.0526	1.346

#1	1.180	3.952	-.0418	281.3	2406.	349.4	5.163
#2	.7220	3.523	-.2123	298.1	2417.	349.2	5.262

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	726.3	1.272	22.26	3.573	H250500.	-1.777	1.766
SDev	5.6	.214	.31	.232	282.	.502	.134
%RSD	.7678	16.79	1.398	6.504	.1125	28.27	7.598

#1	722.3	1.121	22.48	3.409	H250700.	-2.132	1.671
#2	730.2	1.423	22.04	3.738	H250300.	-1.421	1.861

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-10000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.38	34.68	.3268	3.178	5.678	19.81	23.48
SDev	.10	.82	.7338	.070	.130	1.32	1.12
%RSD	.3417	2.358	224.6	2.202	2.287	6.649	4.788

#1	30.31	34.10	.8457	3.129	5.769	18.88	24.28
#2	30.46	35.26	-.1921	3.228	5.586	20.74	22.69

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.9793	5.836
SDev	.6118	.654
%RSD	62.48	11.20

#1	-.5467	5.374
#2	-1.412	6.299

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1099	--	--	--	--	--	--

SDev	1.424054	--	--	--	79065v1	--	--
%RSD	.1295888	--	--	--	--	--	--
#1	1100	--	--	--	--	--	--
#2	1098	--	--	--	--	--	--

Method: SW846 Sample Name: 4CV 1052686 Operator:

Run Time: 07/07/11 18:14:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127400.	1022.	5102.	9925.	1014.	2501.	126000.
SDev	166.	1.	1.	9.	1.	6.	234.
%RSD	.1300	.1347	.0119	.0908	.0562	.2521	.1854

#1	127300.	1023.	5102.	9932.	1014.	2496.	125900.
#2	127600.	1021.	5101.	9919.	1015.	2505.	126200.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5029.	2530.	12500.	101300.	126200.	4991.	2507.
SDev	4.	4.	1.	198.	154.	3.	4.
%RSD	.0758	.1605	.0053	.1955	.1224	.0614	.1561

#1	5026.	2527.	12500.	101100.	126100.	4988.	2504.
#2	5032.	2533.	12500.	101400.	126300.	4993.	2509.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52220.	1267.	9987.	5101.	129400.	5046.	2504.
SDev	72.	1.	16.	4.	492.	17.	.
%RSD	.1377	.0410	.1636	.0811	.3797	.3349	.0021

#1	52270.	1267.	9975.	5098.	129100.	5034.	2504.
#2	52170.	1268.	9998.	5104.	129800.	5058.	2504.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2401.	1011.	2472.	1017.	10080.	9890.	10030.
SDev	6.	2.	7.	6.	.	2.	26.
%RSD	.2543	.1581	.2665	.5459	.0031	.0247	.2563

#1	2397.	1013.	2467.	1014.	10080.	9892.	10020.
#2	2405.	1010.	2477.	1021.	10080.	9888.	10050.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5031.	5135.
SDev	3.	8.
%RSD	.0545	.1474

#1	5033.	5130.
#2	5029.	5141.

Errors	NOCHECK	NOCHECK
High		
Low		

79065v1

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1087	--	--	--	--	--	--
SDev	2.061244	--	--	--	--	--	--
%RSD	.1896540	--	--	--	--	--	--
#1	1088	--	--	--	--	--	--
#2	1085	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 07/07/11 18:20:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.34	1.174	2.882	-.6376	-.2593	-.3206	-9.238
SDev	4.17	1.137	.270	.0823	.0193	.1091	.874
%RSD	40.34	96.91	9.384	12.91	7.425	34.01	9.462
#1	7.392	1.978	2.691	-.6959	-.2457	-.3977	-8.620
#2	13.29	.3693	3.073	-.5794	-.2729	-.2435	-9.856

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0099	-.2246	.0684	13.33	8.252	-.3090	-1.143
SDev	.0001	.2319	.1299	12.11	7.160	.0797	.320
%RSD	.8056	103.3	189.9	90.88	86.77	25.78	27.99
#1	-.0099	-.3886	.1603	21.89	3.189	-.3653	-.9169
#2	-.0100	-.0606	-.0234	4.764	13.32	-.2527	-1.369

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-125.9	.9924	-1.109	2.468	186.9	-.1481	1.008
SDev	1.7	.3006	.529	2.110	46.9	.3554	.140
%RSD	1.312	30.29	47.64	85.48	25.11	239.9	13.92
#1	-127.1	1.205	-1.483	.9764	220.1	.1031	.9092
#2	-124.8	.7798	-.7357	3.960	153.7	-.3994	1.108

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9993	.3092	1.636	.6174	-.2217	-4.122	.3906
SDev	.1766	.2218	.404	.0691	.0272	1.516	.0357
%RSD	17.67	71.73	24.69	11.19	12.27	36.77	9.153

#1	-1.124	.4660	1.350	.5686	-.2025	-5.194	.3653	••Analysis Report

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#2	-.8744	.1524	1.921	.6663	-.2409	-3.051	.4159

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.686	5.032
SDev	2.843	1.744
%RSD	105.8	34.66

#1	-4.697	3.799

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#2	-.6760	6.265					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1097	--	--	--	--	--	--
SDev	.1123844	--	--	--	--	--	--
%RSD	.0102470	--	--	--	--	--	--
#1	1097	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-11-K@5 Operator:
Run Time: 07/07/11 18:26:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	••Analysis Report
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
		07/07/11	06:32:27 PM		page 84			
Avge	1075.	1.781	1.463	58.34	-.1566	-.1285	29250.	
SDev	15.	.289	1.070	.03	.0210	.2059	26.	
%RSD	1.352	16.22	73.13	.0521	13.44	160.2	.0883	
#1	1085.	1.576	2.219	58.31	-.1417	.0171	29230.	
#2	1065.	1.985	.7064	58.36	-.1714	-.2741	29270.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1.153	2.221	-.5357	1193.	2702.	311.0	1.958	
SDev	.164	.229	.0031	1.	4.	.3	.042	
%RSD	14.21	10.32	.5838	.1011	.1635	.0904	2.148	
#1	1.269	2.383	-.5379	1192.	2705.	310.8	1.988	
#2	1.037	2.059	-.5335	1194.	2699.	311.2	1.928	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	760.4	.9586	11.27	2.292	H258800.	-3.080	3.496	
SDev	2.0	.1188	.38	.390	98.	1.191	.136	
%RSD	.2693	12.39	3.384	17.02	.0380	38.66	3.894	
#1	761.9	1.043	11.54	2.567	H258700.	-2.238	3.592	
#2	759.0	.8746	11.00	2.016	H258900.	-3.922	3.399	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	14.97	52.52	-.1246	.8880	34.95	8.796	12.50	
SDev	.07	.03	.0500	.8990	1.47	.540	.30	
%RSD	.4642	.0533	40.14	101.2	4.194	6.135	2.418	
#1	14.92	52.54	-.0893	1.524	35.99	9.178	12.71	
#2	15.02	52.51	-.1600	.2523	33.91	8.414	12.28	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						

Avge - .8778 3.864
 SDev 5.7726 2.297
 %RSD 657.6 59.45

#1 3.204 2.240 ••Analysis Report
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#2 -4.960 5.489

Errors NOCHECK NOCHECK
 High
 Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1090	--	--	--	--	--	--
SDev	.5621809	--	--	--	--	--	--
%RSD	.0515600	--	--	--	--	--	--

#1 1091 -- -- -- -- -- --
 #2 1090 -- -- -- -- -- --

Method: SW846 Sample Name: 460-28223-A-13-K05 Operator:

Run Time: 07/07/11 18:32:31

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1947.	.1219	1.445	61.19	-.0717	-.1333	35430.
SDev	1.	1.534	1.333	.01	.0219	.0386	43.
%RSD	.0506	1258.	92.25	.0207	30.48	28.95	.1217

#1	1946.	-.9626	.5025	61.18	-.0872	-.1060	35390.
#2	1947.	1.206	2.388	61.20	-.0563	-.1606	35460.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.316	3.605	3.000	2105.	3052.	497.3	5.408

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SDev	.263	.383	.131	1.	3.	.1	.748
%RSD	7.934	10.63	4.376	.0459	.1136	.0125	13.84

#1	3.130	3.334	2.907	2104.	3049.	497.3	4.878
#2	3.502	3.876	3.093	2106.	3054.	497.4	5.937

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1004.	1.271	8.888	1.688	H256100.	-2.738	4.775
SDev	4.	.036	.415	1.212	374.	1.026	.076
%RSD	.3680	2.859	4.668	71.82	.1461	37.48	1.587

#1	1001.	1.246	8.594	2.545	H256300.	-2.012	4.722
#2	1006.	1.297	9.181	.8306	H255800.	-3.464	4.829

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.47	38.18	1.194	1.534	48.56	5.346	10.65
SDev	.07	.60	1.204	2.201	2.06	1.848	1.54
%RSD	.2771	1.577	100.8	143.5	4.242	34.56	14.50

#1	23.42	38.60	.3426	-.0222	47.10	6.652	9.560

#2	23.52	37.75	2.045	3.090	79065v1 50.02	4.039	11.74
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	-3.657	4.346					
SDev	7.573	1.964					
%RSD	207.1	45.19					
#1	1.698	2.957					
#2	-9.012	5.735					
Errors High	NOCHECK	NOCHECK					
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1096	--	--	--	--	--	--
SDev	.2248551	--	--	--	--	--	--
%RSD	.0205192	--	--	--	--	--	--

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#1	1096	--	--	--	--	--	--
#2	1096	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-14-K05 Operator:
Run Time: 07/07/11 18:38:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	424.9	.6489	-.6974	30.36	-.1974	-.2392	15980.
SDev	2.3	1.538	1.0932	.13	.0016	.0649	2.
%RSD	.5464	237.1	156.8	.4408	.8005	27.13	.0126
#1	423.2	1.737	.0756	30.46	-.1963	-.2851	15980.
#2	426.5	-.4388	-1.470	30.27	-.1985	-.1933	15980.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.668	1.893	.7558	480.6	1294.	238.9	9.005
SDev	.003	.001	.0076	5.1	5.	.2	.438
%RSD	.1883	.0452	1.004	1.063	.3507	.0646	4.868
#1	1.666	1.893	.7504	477.0	1297.	239.0	8.695
#2	1.670	1.894	.7612	484.3	1290.	238.8	9.315
Errors High	LC Pass 100000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	413.6	1.248	2.080	2.182	H258800.	-4.288	1.812

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SDev	3.0	.294	.396	1.808	110.	2.762	.207
%RSD	.7288	23.56	19.05	82.83	.0425	64.42	11.42
#1	415.7	1.040	2.360	3.461	H258900.	-6.241	1.666
#2	411.5	1.456	1.799	.9042	H258700.	-2.334	1.959
Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC High 250000.	LC Pass 10000.	LC Pass 5000.

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Low	-1000.	-10.00	-5.000	-5.000	79065v1 -1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	18.00	39.96	-1.8280	2.075	9.491	2.450	1.890
SDev	.15	.85	.2638	.254	.421	5.840	2.322
%RSD	.8602	2.129	31.86	12.27	4.440	238.4	122.8
#1	18.11	40.56	-.6415	2.255	9.193	6.580	.2487
#2	17.89	39.36	-1.014	1.895	9.789	-1.679	3.532
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	3.228	1.651					
SDev	6.518	.544					
%RSD	201.9	32.95					
#1	7.837	1.266					
#2	-1.380	2.035					
Errors High	NOCHECK	NOCHECK					
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1090	--	--	--	--	--	--
SDev	1.124276	--	--	--	--	--	--
%RSD	.1031799	--	--	--	--	--	--
#1	1090	--	--	--	--	--	--
#2	1089	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28223-A-15-K05 Operator:
Run Time: 07/07/11 18:44:48
Comment:
Mode: CONC Corr. Factor: 1

Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	727.4	.7448	-.0034	131.9	-.1855	-.0990	26450.
SDev	2.1	.4199	1.0308	.7	.0094	.1220	128.
%RSD	.2825	56.37	30260.	.5356	5.080	123.2	.4843
#1	725.9	1.042	-.7323	132.4	-.1922	-.1852	26360.
#2	728.8	.4479	.7255	131.4	-.1789	-.0127	26540.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	1.165	1.421	.3788	734.9	2200.	653.6	2.837
SDev	.672	.162	.7426	20.0	14.	1.5	.013
%RSD	57.67	11.41	196.0	2.719	.6331	.2350	.4512
#1	.6899	1.306	.9040	720.8	2190.	652.5	2.828
#2	1.640	1.535	-.1463	749.0	2210.	654.7	2.846
Errors High	LC Pass 10000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	603.7	1.119	8.324	.0494	H266600.	-3.022	1.907
SDev	16.0	.064	.886	.8546	135.	.190	.209
%RSD	2.642	5.707	10.64	1730.	.0508	6.301	10.94
#1	592.4	1.074	8.950	.6537	H266500.	-3.157	1.759
#2	614.9	1.164	7.698	-.5549	H266600.	-2.888	2.055

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	••Analysis Report
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	14.08	25.69	.6587	2.571	18.36	9.111	7.927
SDev	.34	.37	.9538	2.673	.07	2.961	.151
%RSD	2.388	1.438	144.8	104.0	.3914	32.50	1.900

#1	13.84	25.95	1.333	4.461	18.41	11.20	7.820
#2	14.32	25.43	-.0158	.6809	18.30	7.017	8.033

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.559	1.841
SDev	1.063	1.812
%RSD	29.86	98.41

#1	-4.310	3.122
#2	-2.807	.5599

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	5.771483	--	--	--	--	--	--
%RSD	.5291346	--	--	--	--	--	--

#1	1095	--	--	--	--	--	--
#2	1087	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-28326-A-1-B@5 Operator:

Run Time: 07/07/11 18:50:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	995.4	.5409	.4941	32.40	-.2594	-.2247	10420.
SDev	.0	.8291	1.622	.09	.0021	.1389	26.
%RSD	.0041	153.3	328.3	.2690	.8288	61.83	.2493

#1	995.4	-.0454	-.6530	32.34	-.2578	-.1265	10400.
#2	995.5	1.127	1.641	32.46	-.2609	-.3229	10440.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9844	2.018	6.704	1687.	1020.	256.3	2.304
SDev	.1261	.078	.684	14.	9.	.3	.198
%RSD	12.81	3.854	10.20	.8100	.8914	.1242	8.587

#1	1.074	2.073	6.221	1678.	1026.	256.1	2.164
#2	.8952	1.963	7.188	1697.	1013.	256.6	2.444

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avg	1588.	1.137	5.627	3.501	H257300.	-2.719	2.468
SDev	11.	.619	.692	.098	191.	.449	.202
%RSD	.6890	54.44	12.30	2.790	.0743	16.53	8.184
#1	1581.	.6990	5.138	3.431	H257100.	-3.037	2.325
#2	1596.	1.574	6.117	3.570	H257400.	-2.402	2.611
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.69	39.92	1.054	2.444	27.12	6.277	5.299
SDev	.28	.94	1.363	.048	2.40	.463	1.269
%RSD	.5985	2.347	129.3	1.972	8.852	7.370	23.94
#1	46.88	39.26	2.018	2.478	25.43	6.604	4.402
#2	46.49	40.58	.0901	2.410	28.82	5.950	6.196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	••Analysis Report			07/07/11 06:57:03 PM	
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Units	ppb	ppb
Avg	2.671	3.905
SDev	2.007	1.149
%RSD	75.15	29.41
#1	4.091	3.093
#2	1.252	4.717
Errors	NOCHECK	NOCHECK
High		
Low		
IntStd	1	2
Mode	Counts	NOTUSED
Elem	Y	NOTUSED
Wavlen	371.030	NOTUSED
Avg	1092	NOTUSED
SDev	2.885655	NOTUSED
%RSD	.2642320	NOTUSED
#1	1094	NOTUSED
#2	1090	NOTUSED

Method: SW846 Sample Name: 460-28376-A-8-B@5 Operator:
Run Time: 07/07/11 18:57:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2001.	8.153	2.295	39.35	-.2606	.7848	4261.
SDev	12.	1.291	.287	.22	.0176	.0615	15.
%RSD	.5873	15.83	12.49	.5525	6.756	7.831	.3508
#1	2010.	7.240	2.092	39.50	-.2481	.8283	4250.
#2	1993.	9.065	2.498	39.19	-.2730	.7413	4272.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.603	3.533	1.984	1633.	890.7	935.2	3.109
SDev	.416	.013	.282	24.	5.0	2.0	.142
%RSD	15.97	.3759	14.23	1.440	.5661	.2163	4.559
#1	2.897	3.524	1.785	1616.	887.1	933.8	3.209
#2	2.309	3.543	2.184	1649.	894.2	936.6	3.009

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	596.3	1.331	256.1	3.190	249100.	-2.194	3.942
SDev	13.2	.615	1.1	1.770	125.	1.709	.417
%RSD	2.222	46.22	.4218	55.46	.0500	77.89	10.57
#1	587.0	.8957	255.3	4.442	249200.	-3.402	3.647
#2	605.7	1.765	256.9	1.939	249000.	-.9855	4.236
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.01	48.79	.1834	2.222	56.18	251.4	258.4
SDev	.02	.13	1.056	1.993	1.84	2.9	.2
%RSD	.1859	.2757	575.6	89.69	3.271	1.149	.0686
#1	10.02	48.70	.9300	3.631	57.48	249.4	258.3
#2	9.996	48.89	-.5631	.8128	54.88	253.5	258.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.367	4.091					
SDev	1.295	3.300					
%RSD	94.75	80.66					
#1	.4512	6.424					
#2	2.283	1.758					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1097	--	--	--	--	--	--
SDev	3.073049	--	--	--	--	--	--
%RSD	.2800930	--	--	--	--	--	--
#1	1099	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28394-A-1-D@5 Operator:

Run Time: 07/07/11 19:03:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	704.7	1.346	.5164	73.94	-.2689	-.0653	6475.
SDev	1.6	.561	.6492	.04	.0062	.0169	15.
%RSD	.2215	41.72	125.7	.0494	2.291	25.86	.2296
#1	705.8	.9487	.0574	73.92	-.2733	-.0772	6486.
#2	703.6	1.743	.9754	73.97	-.2646	-.0533	6465.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.632	12.37	5.916	2023.	2570.	800.7	25.71

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SDev	.064	.04	.080	3.	4.	1.0	.09
%RSD	.8367	.2841	1.353	.1619	.1433	.1242	.3602
#1	7.587	12.35	5.859	2025.	2567.	801.4	25.64
#2	7.677	12.40	5.972	2021.	2573.	800.0	25.77

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1378.	1.089	83.35	2.459	H261400.	-2.778	2.149
SDev	11.	.265	.81	1.098	208.	2.828	.065
%RSD	.8202	24.33	.9671	44.64	.0796	101.8	3.016

#1	1386.	1.276	82.78	1.683	H261500.	-4.777	2.104
#2	1370.	.9013	83.92	3.236	H261200.	-.7781	2.195

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.19	16.51	.0909	2.329	34.56	79.55	85.24
SDev	.34	.77	.1051	.782	2.81	2.82	.20
%RSD	2.603	4.651	115.6	33.59	8.128	3.544	.2335

#1	12.95	15.97	.0166	1.776	36.55	77.56	85.38
#2	13.43	17.05	.1653	2.882	32.58	81.55	85.10

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.007	2.177
SDev	4.856	.778
%RSD	161.5	35.77

#1	-.4271	2.727
#2	6.441	1.626

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1097	--	--	--	--	--	--
SDev	4.309795	--	--	--	--	--	--
%RSD	.3929586	--	--	--	--	--	--
#1	1094	--	--	--	--	--	--
#2	1100	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28394-A-10-E@5 Operator:
Run Time: 07/07/11 19:09:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	836.0	1.839	-.5725	94.01	-.2124	-.1898	3988.
SDev	3.6	.090	1.3009	.50	.0125	.1711	2.
%RSD	.4322	4.897	227.2	.5321	5.889	90.14	.0518

#1	838.6	1.775	.3474	93.66	-.2035	-.0688	3989.
#2	833.5	1.902	-1.492	94.37	-.2212	-.3107	3987.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

Low	-200.0	-10.00	-10.00	-20.00	79065v1 -5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.830	13.65	2.293	1574.	1300.	971.9	40.13
SDev	.340	.06	.168	.	7.	.0	.30
%RSD	8.887	.4735	7.332	.0138	.5424	.0039	.7460
#1	3.590	13.70	2.412	1574.	1305.	971.9	39.92
#2	4.071	13.61	2.174	1574.	1295.	971.8	40.34
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2048.	.9736	4.166	2.150	H259500.	-4.042	2.550
SDev	11.	.4510	.425	2.041	73.	2.329	.080
%RSD	.5430	46.33	10.19	94.94	.0282	57.63	3.146
#1	2056.	1.293	4.466	3.594	H259500.	-5.689	2.607
#2	2040.	.6547	3.866	.7066	H259600.	-2.395	2.494

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.87	19.44	.4567	2.700	44.73	.5544	5.965
SDev	.07	.41	.0118	1.317	3.07	2.154	1.712
%RSD	.5820	2.126	2.574	48.78	6.867	388.4	28.69
#1	12.92	19.73	.4484	3.632	42.56	-.9683	7.175
#2	12.82	19.14	.4650	1.769	46.90	2.077	4.755
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.1273	3.150					
SDev	.2408	3.181					
%RSD	189.2	101.0					
#1	-.0430	5.400					
#2	.2976	.9013					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1093	--	--	--	--	--	--
SDev	4.722044	--	--	--	--	--	--
%RSD	.4320604	--	--	--	--	--	--
#1	1090	--	--	--	--	--	--
#2	1096	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28394-A-19-D@5 Operator:

Run Time: 07/07/11 19:15:31

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	473.0	1.450	-.0886	84.30	-.2942	.0478	6194.
SDev	.6	.781	1.3820	.09	.0008	.0734	2.
%RSD	.1237	53.88	1559.	.1104	.2753	153.4	.0306

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#1	472.6	.8974	-1.066	84.37	-.2936	-.0041	6192.
#2	473.5	2.002	.8886	84.23	-.2947	.0997	6195.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.149	9.703	2.162	474.4	1439.	993.5	42.11
SDev	.235	.322	.123	7.2	4.	.1	1.97
%RSD	10.92	3.320	5.685	1.516	.2549	.0110	4.689
#1	1.983	9.475	2.249	479.4	1441.	993.6	40.72
#2	2.315	9.931	2.075	469.3	1436.	993.5	43.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1977.	1.157	1.134	1.986	H264100.	-2.376	1.715
SDev	4.	.296	.128	.348	792.	1.462	.211
%RSD	.2087	25.62	11.29	17.50	.2998	61.53	12.29
#1	1974.	.9474	1.044	2.232	H263500.	-3.409	1.864
#2	1980.	1.366	1.225	1.740	H264700.	-1.342	1.566
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.81	22.10	-.0620	1.572	20.71	2.218	.5887
SDev	.02	.43	.6722	.902	.89	1.638	.6259
%RSD	.1059	1.947	1084.	57.43	4.311	73.85	106.3
#1	20.79	22.40	.4133	2.210	21.34	1.060	1.031
07/07/11 07:21:37 PM page 107							
#2	20.82	21.80	-.5373	.9334	20.08	3.377	.1461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.047	4.489					
SDev	.847	.099					
%RSD	27.78	2.194					
#1	-2.449	4.559					
#2	-3.646	4.420					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	.9368820	--	--	--	--	--	--
%RSD	.0862441	--	--	--	--	--	--
#1	1087	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28394-A-37-D@5 Operator:
Run Time: 07/07/11 19:21:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	79065v1 Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	••Analysis Report
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Avge	931.4	1.527	.9651	152.4	-.2933	.3187	46450.
SDev	15.0	.505	.8192	.5	.0046	.0581	20.
%RSD	1.606	33.07	84.88	.3390	1.559	18.24	.0426
#1	942.0	1.884	.3858	152.8	-.2966	.3598	46440.
#2	920.8	1.170	1.544	152.0	-.2901	.2776	46460.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.012	7.970	39.03	2557.	5152.	847.7	15.93
SDev	.801	.058	.26	18.	5.	.0	.64
%RSD	15.99	.7216	.6632	.6878	.1018	.0014	4.030
#1	4.446	7.929	39.22	2569.	5156.	847.7	16.39
#2	5.579	8.010	38.85	2544.	5148.	847.7	15.48
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2664.	.9992	5.668	.9483	H259900.	-3.439	2.721
SDev	7.	.0864	.257	.0979	180.	.726	.201
%RSD	.2658	8.643	4.541	10.33	.0691	21.11	7.395
#1	2669.	1.060	5.486	1.018	H260000.	-2.925	2.579
#2	2659.	.9382	5.850	.8791	H259800.	-3.952	2.863
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.84	26.94	1.085	3.944	47.97	4.500	6.247
SDev	.06	.07	.003	.363	1.12	2.444	1.606
%RSD	.3559	.2762	.2543	9.210	2.331	54.32	25.71
#1	16.88	26.99	1.083	3.687	48.76	6.228	5.111
#2	16.79	26.89	1.087	4.201	47.18	2.771	7.383
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.016	.9051					
SDev	2.259	.9808					
%RSD	222.4	108.4					

#1	2.613	.2116	••Analysis Report	07/07/11 07:27:45 PM	page 1

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#2	-.5813	1.599				
Errors	NOCHECK	NOCHECK				
High						
Low						
IntStd	1	2	3	4	5	6
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--
Avge	1096	--	--	--	--	--
SDev	3.110597	--	--	--	--	--
%RSD	.2838787	--	--	--	--	--

79065v1							
#1	1094	--	--	--	--	--	--
#2	1098	--	--	--	--	--	--

Method: SW846		Sample Name: CCV 1052686			Operator:		
Run Time: 07/07/11 19:27:49							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127200.	1035.	5128.	10040.	1031.	2490.	127400.
SDev	716.	5.	28.	57.	7.	13.	852.
%RSD	.5633	.4731	.5505	.5724	.6640	.5372	.6689
#1	127700.	1039.	5148.	10080.	1036.	2499.	128000.
#2	126600.	1032.	5108.	9999.	1026.	2480.	126800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5053.	2557.	12360.	102900.	125400.	4970.	2506.
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SDev	34.	16.	65.	611.	716.	33.	16.
%RSD	.6760	.6201	.5289	.5938	.5715	.6575	.6281
#1	5078.	2568.	12400.	103300.	125900.	4993.	2517.
#2	5029.	2546.	12310.	102400.	124900.	4947.	2495.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52220.	1274.	9890.	5075.	129900.	5021.	2489.
SDev	316.	8.	73.	38.	723.	30.	15.
%RSD	.6058	.6515	.7430	.7585	.5564	.6050	.6013
#1	52440.	1280.	9942.	5103.	130500.	5043.	2500.
#2	51990.	1268.	9838.	5048.	129400.	5000.	2479.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2399.	1000.	2474.	1038.	10080.	9774.	9948.
SDev	12.	4.	7.	10.	63.	83.	69.
%RSD	.4805	.4157	.2801	.9410	.6269	.8455	.6928
#1	2408.	1003.	2478.	1045.	10120.	9832.	9996.
#2	2391.	997.4	2469.	1031.	10030.	9715.	9899.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avg	4963.	5131.					
SDev	56.	30.					
%RSD	1.138	.5753					
#1	5003.	5152.					
#2	4923.	5111.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

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Elem	Y	--	--	--	79065v1	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1079	--	--	--	--	--	--
SDev	8.732061	--	--	--	--	--	--
%RSD	.8089949	--	--	--	--	--	--

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#1	1073	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
 Run Time: 07/07/11 19:33:58
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.93	2.823	-.3522	-.8724	-.4909	-.3363	-12.21
SDev	2.55	1.742	1.7173	.0818	.0070	.1463	.65
%RSD	8.513	61.71	487.5	9.377	1.425	43.49	5.348

#1	31.73	1.591	.8621	-.8146	-.4959	-.2329	-11.75
#2	28.13	4.055	-1.567	-.9303	-.4860	-.4397	-12.68

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2115	-.2813	-.5278	11.67	9.916	-.3073	-1.153
SDev	.3667	.9315	.2835	6.27	9.214	.0811	.445
%RSD	173.4	331.2	53.71	53.71	92.93	26.39	38.59

#1	.0478	.3774	-.3273	16.10	16.43	-.2499	-.8386
#2	-.4709	-.9399	-.7282	7.235	3.400	-.3646	-1.468

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-117.4	1.167	.4881	.5371	134.5	.8700	.7139

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SDev	7.9	.154	.0182	.5167	59.6	1.174	.1441
%RSD	6.733	13.20	3.739	96.20	44.33	134.9	20.18

#1	-111.8	1.276	.5010	.1717	176.7	.0400	.6120
#2	-123.0	1.058	.4752	.9024	92.36	1.700	.8158

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.351	.6644	1.030	-2.121	-.2283	-2.382	1.917
SDev	.607	.9445	.957	.017	.1887	4.870	2.459
%RSD	44.90	142.2	92.93	.7952	82.64	204.4	128.3

#1	-.9222	1.332	.3532	-2.133	-.0949	-5.826	3.656
#2	-1.780	-.0035	1.707	-2.109	-.3617	1.061	.1784

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.286	2.935
SDev	4.732	1.588
%RSD	110.4	54.09

#1	-7.632	4.058

#2 -.9403 1.813

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1089	--	--	--	--	--	--
SDev	4.159949	--	--	--	--	--	--
%RSD	.3819911	--	--	--	--	--	--

#1	1086	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Sample Name: LB 460-78983/1-D05 Operator:

Run Time: 07/07/11 19:40:07

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.35	2.034	-2.011	-.9316	-.4735	-.3019	-8.752
SDev	2.73	.424	.462	.0016	.0266	.1269	.713
%RSD	7.734	20.87	22.96	.1732	5.621	42.02	8.142

#1	37.29	2.334	-1.684	-.9327	-.4923	-.2122	-8.248
#2	33.42	1.734	-2.338	-.9304	-.4547	-.3916	-9.256

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0234	-.6134	-.8899	3.483	7.773	-.2217	.4267
SDev	.4351	.1517	.2867	6.296	7.215	.0415	.2796
%RSD	1859.	24.73	32.22	180.8	92.83	18.73	65.54

#1	.3310	-.5061	-.6872	7.936	12.87	-.1924	.6244
#2	-.2842	-.7206	-1.093	-.9690	2.671	-.2511	.2290

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-128.5	.9967	-.1333	2.253	H270000.	-2.305	.5655
SDev	4.6	.6028	1.5622	2.348	1755.	.437	.2055
%RSD	3.556	60.48	1172.	104.2	.6503	18.94	36.34

#1	-125.3	1.423	-1.238	3.914	H271200.	-2.613	.7108
#2	-131.8	.5705	.9713	.5928	H268700.	-1.996	.4202

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	-1.685	3.742	.6228	4.513	-.4438	.3215	-.3644
SDev	.251	.739	.4181	.380	.0494	1.337	1.6748
%RSD	14.92	19.76	67.14	8.426	11.14	415.8	459.6

#1	-1.507	4.265	.3271	4.782	-.4088	-.6236	-1.549
#2	-1.862	3.219	.9185	4.244	-.4787	1.267	.8198

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2

79065v1

Units	ppb	ppb
Avge	.3232	3.207
SDev	5.668	.690
%RSD	1754.	21.53

#1	4.331	3.695
#2	-3.685	2.719

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1088	--	--	--	--	--	--
SDev	4.984361	--	--	--	--	--	--
%RSD	.4581616	--	--	--	--	--	--

#1	1084	--	--	--	--	--	--
#2	1091	--	--	--	--	--	--

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Method: SW846 Sample Name: LB 460-78986/1-D05 Operator:

Run Time: 07/07/11 19:46:16

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.29	1.620	-1.565	110.7	-.4689	-.2026	29.87
SDev	5.29	1.107	1.183	1.0	.0103	.0001	1.81
%RSD	12.50	68.32	75.58	.8832	2.197	.0404	6.067

#1	46.03	2.403	-2.402	111.4	-.4762	-.2026	31.15
#2	38.56	.8376	-.7289	110.0	-.4617	-.2027	28.59

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3718	-.0755	-.1873	23.49	34.34	-.0544	.3537
SDev	1.202	.1505	.0754	2.28	1.49	.0344	.5983
%RSD	323.1	199.3	40.26	9.691	4.335	63.25	169.2

#1	1.221	.0309	-.1340	21.88	35.39	-.0787	.7768
#2	-.4777	-.1819	-.2406	25.10	33.28	-.0301	-.0694

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-121.4	1.208	2.371	1.294	H266700.	-3.299	.9585
SDev	11.1	.383	2.031	.432	2229.	1.178	.0723
%RSD	9.173	31.66	85.68	33.38	.8357	35.71	7.543

#1	-113.5	1.479	3.807	.9887	H268300.	-4.132	1.010
#2	-129.2	.9379	.9345	1.600	H265200.	-2.466	.9073

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2659	12.31	1.199	2.761	-.2037	1.806	2.649
SDev	.0015	.08	.272	.121	.2622	5.660	.220
%RSD	.5560	.6794	22.72	4.374	128.8	313.4	8.290

#1	.2648	12.26	1.006	2.846	-.0182	5.809	2.804
#2	.2669	12.37	1.391	2.675	-.3891	-2.196	2.494

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		

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Low -30.00 -50.00 -20.00 -50.00 79065v1
-20.00

Elem 1960/1 1960/2 ••Analysis Report
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Units ppb ppb
Avge -2.679 3.268
SDev 1.439 .071
%RSD 53.74 2.166

#1 -3.696 3.318
#2 -1.661 3.218

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1094	--	--	--	--	--	--
SDev	12.85446	--	--	--	--	--	--
%RSD	1.175339	--	--	--	--	--	--
#1	1085	--	--	--	--	--	--
#2	1103	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1052686 Operator:
Run Time: 07/07/11 19:52:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127700.	1043.	5181.	10110.	1037.	2494.	127700.
SDev	102.	3.	4.	10.	1.	3.	53.
%RSD	.0799	.2400	.0700	.0976	.0502	.1063	.0415
#1	127800.	1045.	5178.	10120.	1037.	2492.	127600.
#2	127600.	1041.	5183.	10110.	1036.	2496.	127700.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5071.	2566.	12420.	103400.	125900.	4987.	2514.
SDev	2.	.	18.	.	152.	3.	3.
%RSD	.0384	.0103	.1418	.0004	.1211	.0593	.1026
#1	5072.	2566.	12440.	103400.	126000.	4989.	2512.
#2	5070.	2566.	12410.	103400.	125800.	4985.	2516.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53050.	1282.	9904.	5107.	130700.	5050.	2495.
SDev	34.	1.	8.	5.	253.	8.	1.
%RSD	.0648	.0901	.0788	.1044	.1939	.1516	.0425
#1	53070.	1283.	9899.	5103.	130900.	5044.	2496.
#2	53020.	1282.	9910.	5110.	130500.	5055.	2495.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2403.	1006.	2488.	1044.	10120.	9811.	9951.
SDev	5.	2.	5.	3.	5.	8.	16.

	79065v1						
%RSD	.1922	.2192	.2099	.2764	.0487	.0864	.1601
#1	2400.	1005.	2492.	1042.	10130.	9817.	9940.
#2	2406.	1008.	2485.	1046.	10120.	9805.	9962.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4985.	5167.					
SDev	7.	12.					
%RSD	.1495	.2266					
#1	4990.	5159.					
#2	4979.	5176.					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1069	--	--	--	--	--	--
SDev	1.686457	--	--	--	--	--	--
%RSD	.1577783	--	--	--	--	--	--
#1	1068	--	--	--	--	--	--
#2	1070	--	--	--	--	--	--

Method: SW846 Sample Name: CCB

Operator:

Run Time: 07/07/11 19:58:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.68	.8901	-.2278	-.8711	-.4819	-.4168	-13.09
SDev	.35	.4063	.2432	.0819	.0474	.0737	.12
%RSD	1.149	45.65	106.8	9.401	9.846	17.69	.9322
#1	30.43	.6028	-.0558	-.8132	-.5155	-.3647	-13.01
#2	30.93	1.177	-.3998	-.9290	-.4484	-.4689	-13.18
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9138	-.3355	-.7402	12.11	10.70	-.3368	-1.282
SDev	.0991	.3886	.2462	2.33	4.52	.0395	.510
%RSD	10.84	115.8	33.26	19.22	42.23	11.72	39.74
#1	-.8437	-.6103	-.9142	13.75	7.508	-.3647	-.9220
#2	-.9838	-.0608	-.5661	10.46	13.90	-.3089	-1.643

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-124.4	.8622	-.7366	2.827	136.7	.3990	.4232
SDev	2.2	.3231	.4919	.099	1.9	2.398	.1305
%RSD	1.804	37.47	66.78	3.492	1.379	601.0	30.85
#1	-122.8	.6337	-.3888	2.896	138.1	2.095	.3309
#2	-126.0	1.091	-1.084	2.757	135.4	-1.297	.5155
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

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High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.243	.7409	1.437	.7761	-.3207	-1.135	-.5416
SDev	.052	.1689	1.212	.5319	.0572	.845	.3156
%RSD	4.168	22.81	84.35	68.53	17.82	74.41	58.28
#1	-1.279	.8603	2.294	.4000	-.3611	-.5380	-.3184
#2	-1.206	.6214	.5799	1.152	-.2803	-1.733	-.7647
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.8441	4.649					
SDev	.2433	.026					
%RSD	28.82	.5699					
#1	-.6720	4.668					
#2	-1.016	4.631					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1094	--	--	--	--	--	--
SDev	2.398484	--	--	--	--	--	--
%RSD	.2192134	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1096	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1052686 Operator:
Run Time: 07/07/11 22:30:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127100.	1035.	5134.	10090.	1032.	2465.	127100.
SDev	311.	7.	8.	33.	2.	3.	77.
%RSD	.2447	.6906	.1621	.3301	.1575	.1342	.0605
#1	127300.	1030.	5128.	10120.	1033.	2463.	127200.
#2	126900.	1040.	5140.	10070.	1031.	2467.	127100.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5045.	2551.	12370.	102800.	125200.	4973.	2483.
SDev	7.	6.	40.	95.	305.	8.	1.
%RSD	.1343	.2269	.3238	.0924	.2436	.1681	.0300
#1	5050.	2555.	12400.	102800.	125400.	4979.	2483.
#2	5040.	2547.	12350.	102700.	125000.	4967.	2484.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52820.	1275.	9849.	5097.	130500.	5022.	2478.
SDev	146.	2.	10.	8.	236.	13.	6.
%RSD	.2757	.1717	.0975	.1651	.1806	.2526	.2601
#1	52710.	1277.	9856.	5103.	130600.	5013.	2482.

#2 52920. 1274. 9842. 5091. 79065v1 5031. 2473. **Analysis Report
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2396.	992.2	2486.	1039.	10060.	9807.	9870.
SDev	4.	3.1	10.	3.	24.	5.	12.
%RSD	.1784	.3124	.4122	.3214	.2346	.0472	.1224

#1	2393.	990.0	2479.	1042.	10080.	9810.	9879.
#2	2399.	994.4	2493.	1037.	10040.	9803.	9862.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4999.	5146.
SDev	1.	13.
%RSD	.0252	.2574

#1	4998.	5155.
#2	5000.	5137.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1070	--	--	--	--	--	--
SDev	.0750092	--	--	--	--	--	--
%RSD	.0070132	--	--	--	--	--	--

#1	1070	--	--	--	--	--	--
#2	1069	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 07/07/11 22:36:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.53	1.318	1400	-.8144	-.5207	-.2817	-13.35
SDev	1.25	.594	2.929	.0010	.0185	.0524	.19
%RSD	3.509	45.08	2093.	.1283	3.546	18.59	1.434

#1	34.65	.8980	2.211	-.8151	-.5076	-.3187	-13.48
#2	36.42	1.738	-1.931	-.8136	-.5337	-.2447	-13.21

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3512	-.2845	-.8849	-.2724	17.19	-.2218	-1.126
SDev	.1620	.1591	.2862	1.0885	2.47	.0389	.445
%RSD	46.12	55.91	32.34	399.6	14.36	17.54	39.56

#1	-.4657	-.3970	-.6825	.4973	18.94	-.2493	-.8108
#2	-.2367	-.1720	-1.087	-1.042	15.45	-.1943	-1.441

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

79065v1							
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-131.4	.8802	-1.162	-.3123	201.0	.2421	.8625
SDev	7.7	.2996	.215	1.7504	45.3	.3842	.2055
%RSD	5.858	34.03	18.52	560.5	22.54	158.7	23.83
#1	-125.9	1.092	-1.010	-1.550	169.0	-.0296	1.008
#2	-136.8	.6684	-1.314	.9254	233.0	.5138	.7172
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.683	1.296	1.028	-.4495	-.2103	-2.557	-.4698
SDev	.132	.730	.641	2.5345	.3264	2.014	.6827
%RSD	7.821	56.29	62.40	563.9	155.2	78.75	145.3
#1	-1.590	1.812	.5744	-2.242	.0205	-1.133	-.9526
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#2	-1.776	.7804	1.481	1.343	-.4411	-3.981	.0129
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.062	1.550					
SDev	5.120	.068					
%RSD	126.0	4.398					
#1	-7.683	1.502					
#2	-.4419	1.598					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1087	--	--	--	--	--	--
SDev	4.834515	--	--	--	--	--	--
%RSD	.4447778	--	--	--	--	--	--
#1	1084	--	--	--	--	--	--
#2	1090	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-79118/1-A Operator:
Run Time: 07/07/11 22:42:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	••Analysis Report
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	44.11	.6190	-.1029	-.4624	-.4745	-.2044	-2.730	
SDev	8.00	.7800	.7985	.3311	.0455	.0195	5.629	
%RSD	18.13	126.0	775.8	71.61	9.592	9.550	206.2	
#1	49.77	1.171	.4617	-.2283	-.4423	-.2182	1.250	
#2	38.46	.0675	-.6676	-.6966	-.5067	-.1906	-6.710	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.	
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	.6723	.1011	.0141	15.31	19.19	-.0526	-.6665	
SDev	.9551	.3883	.5152	5.76	4.38	.2002	.0208	
%RSD	142.1	384.2	3652.	37.60	22.81	380.5	3.123	

79065v1							
#1	1.348	.3757	.3784	19.38	22.29	.0890	-.6812
#2	-.0031	-.1735	-.3502	11.24	16.10	-.1942	-.6518
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-117.4	1.421	-.4964	1.438	25.14	-2.091	1.345
SDev	1.8	.007	.4481	.506	31.59	.270	.200
%RSD	1.540	.4768	90.27	35.20	125.7	12.93	14.85
#1	-116.1	1.426	-.1796	1.796	2.800	-2.282	1.204
#2	-118.7	1.416	-.8133	1.080	47.47	-1.900	1.487
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8527	.2672	.3810	.2656	.3357	-2.954	.7264
SDev	.0016	.2787	1.371	.8777	.1649	1.153	1.248
%RSD	.1913	104.3	359.8	330.4	49.11	39.03	171.7
#1	-.8539	.0702	1.350	.8863	.4523	-3.769	1.608
#2	-.8515	.4642	-.5883	-.3550	.2191	-2.139	-.1557
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.3386	2.315					
SDev	.4968	1.007					
%RSD	146.7	43.49					

#1 9 -.6898 3.027 ••Analysis Report

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#2	.0127	1.604					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	.7494883	--	--	--	--	--	--
%RSD	.0687238	--	--	--	--	--	--
#1	1091	--	--	--	--	--	--
#2	1090	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-79118/2-A Operator:

Run Time: 07/07/11 22:48:56

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2019.	496.7	2029.	1978.	48.97	48.99	20050.
SDev	29.	8.8	31.	17.	.60	.32	237.
%RSD	1.428	1.776	1.527	.8771	1.217	.6567	1.181
#1	1999.	490.5	2007.	1965.	48.55	48.76	19890.
#2	2040.	503.0	2051.	1990.	49.39	49.22	20220.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2302.	575.5	2302.	2302.	57.55	57.55	23020.
Low	1698.	424.5	1698.	1698.	42.45	42.45	16980.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units ppb ppb ppb ppb 79065v1 ppb ppb
 Avege 195.7 490.9 229.4 1017. 18760. 483.0 485.4 ••Analysis Report
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SDev	2.1	6.5	3.1	.	197.	5.6	8.2
%RSD	1.055	1.334	1.337	.0062	1.051	1.154	1.690
#1	194.2	486.3	227.3	1017.	18620.	479.1	479.6
#2	197.1	495.6	231.6	1017.	18900.	487.0	491.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	230.2	575.5	287.5	1151.	23020.	575.5	575.5
Low	169.8	424.5	212.3	849.0	16980.	424.5	424.5
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avege	21180.	46.31	481.0	2069.	19080.	1978.	474.2
SDev	208.	.43	6.1	30.	195.	31.	4.8
%RSD	.9798	.9312	1.271	1.449	1.020	1.563	1.014
#1	21030.	46.61	476.7	2048.	18950.	1956.	470.8
#2	21330.	46.00	485.3	2091.	19220.	2000.	477.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	23020.	57.55	575.5	2302.	23020.	2302.	575.5
Low	16980.	42.45	424.5	1698.	16980.	1698.	424.5
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avege	474.2	482.2	473.2	493.2	486.1	473.5	484.7
SDev	7.5	5.3	6.4	3.1	4.1	6.4	6.0
%RSD	1.588	1.093	1.357	.6219	.8340	1.351	1.231
#1	468.9	478.5	468.6	491.0	483.3	469.0	480.5
#2	479.5	485.9	477.7	495.4	489.0	478.0	488.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	575.5	575.5	575.5	575.5	575.5		
Low	424.5	424.5	424.5	424.5	424.5		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avege	2024.	2092.					
SDev	23.	34.					
%RSD	1.115	1.610					
#1	2008.	2068.					
#2	2040.	2116.					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avege	1113	--	--	--	--	--	--
SDev	9.668942	--	--	--	--	--	--
%RSD	.8686039	--	--	--	--	--	--

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#1	1120	--	--	--	--	--	--
#2	1106	--	--	--	--	--	--

Method: SW846 Sample Name: 460-27967-A-3-B DU Operator:
 Run Time: 07/07/11 22:55:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avege	83.95	3.524	3.515	45.65	.6395	97.55	243400.
SDev	.06	3.873	1.606	.30	.0065	.32	42.
%RSD	.0675	109.9	45.68	.6564	1.016	.3263	.0174

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#1	83.91	.7853	4.650	45.87	-.6441	97.33	243400.
#2	83.99	6.262	2.379	45.44	-.6349	97.78	243400.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3361	6.988	465.5	22.13	76140.	19.23	1718.
SDev	.3822	.250	.3	1.23	4.	.06	5.
%RSD	113.7	3.575	.0583	5.563	.0051	.3121	.2953

#1	-.0659	7.165	465.7	21.26	76140.	19.27	1714.
#2	-.6064	6.811	465.3	23.00	76130.	19.18	1721.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	91900.	1.667	7.644	2.516	H752900.	1.674	2.051

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SDev	35.	.111	1.461	.736	430.	1.415	.212
%RSD	.0377	6.660	19.11	29.24	.0572	84.50	10.33

#1	91880.	1.745	8.677	3.037	H752600.	.6737	2.201
#2	91930.	1.588	6.611	1.996	H753200.	2.674	1.901

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1040.	918.6	41.39	.8946	-1.288	.6044	11.15
SDev	5.	3.3	1.00	1.928	.088	1.279	1.55
%RSD	.4564	.3638	2.427	215.6	6.834	211.7	13.91

#1	1036.	916.2	40.68	2.258	-1.350	1.509	12.25
#2	1043.	920.9	42.10	-.4690	-1.226	-.3003	10.06

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.625	1.454
SDev	6.213	1.999
%RSD	134.3	137.5

#1	9.018	.0402
#2	.2319	2.867

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1043	--	--	--	--	--	--
SDev	.8994205	--	--	--	--	--	--
%RSD	.0862526	--	--	--	--	--	--

#1	1042	--	--	--	--	--	--
#2	1043	--	--	--	--	--	--

Method: SW846 Sample Name: 460-27967-A-3-A

Operator:

Run Time: 07/07/11 23:01:13

Comment:

Mode: CONC Corr. Factor: 1

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	81.16	3.272	.7552	45.33	-.6341	97.07	243700.
SDev	.45	1.591	.8376	.08	.0148	.30	203.
%RSD	.5561	48.63	110.9	.1674	2.340	.3100	.0832
#1	80.84	4.397	1.347	45.28	-.6236	97.28	243800.
#2	81.48	2.147	.1630	45.39	-.6446	96.86	243500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1218	6.296	463.5	30.33	75910.	19.28	1711.
SDev	.5422	.254	.9	12.71	104.	.01	2.
%RSD	445.2	4.031	.1969	41.90	.1373	.0459	.1284
#1	.5052	6.117	462.8	21.34	75830.	19.29	1713.
#2	-.2616	6.476	464.1	39.32	75980.	19.28	1710.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	91480.	1.669	8.153	2.026	H751400.	4.195	2.156
SDev	.163.	.213	.422	2.124	478.	.829	.064
%RSD	.1785	12.73	5.175	104.9	.0636	19.75	2.976
#1	91590.	1.820	7.855	.5238	H751000.	4.781	2.201
#2	91360.	1.519	8.451	3.527	H751700.	3.609	2.110
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avg	1036.	916.4	41.96	1.149	-1.206	.5116	11.96
SDev	2.	2.2	.98	1.280	.032	1.744	1.50
%RSD	.1754	.2350	2.324	111.4	2.639	340.9	12.56
#1	1037.	914.9	41.27	2.054	-1.184	1.745	10.90
#2	1034.	917.9	42.65	.2438	-1.229	-.7215	13.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avg	4.251	.9045					
SDev	2.104	2.134					
%RSD	49.51	235.9					
#1	2.763	-.6041					
#2	5.739	2.413					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1043	--	--	--	--	--	--
SDev	1.723918	--	--	--	--	--	--
%RSD	.1652698	--	--	--	--	--	--
#1	1044	--	--	--	--	--	--
#2	1042	--	--	--	--	--	--

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Method: SW846 Sample Name: SD 460-27967-A-3-A@5 Operator:
Run Time: 07/07/11 23:07:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.55	1.176	.5989	8.465	-.5819	19.91	51360.
SDev	3.58	2.896	1.175	.091	.0006	.18	138.
%RSD	7.215	246.3	196.2	1.076	.1108	.9184	.2695

#1	52.08	3.223	1.430	8.401	-.5823	19.78	51270.
#2	47.03	-.8720	-.2321	8.530	-.5814	20.04	51460.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2042	.8289	90.41	16.39	14540.	3.644	349.5
SDev	.0331	.1594	.07	7.72	8.	.085	1.3
%RSD	16.22	19.23	.0754	47.09	.0529	2.334	.3717

#1	-.2276	.7162	90.36	21.85	14540.	3.584	348.6
#2	-.1808	.9416	90.46	10.93	14550.	3.705	350.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16300.	1.435	1.695	.7231	178300.	-3.789	.8217
SDev	100.	.316	.444	2.509	243.	.249	.0618
%RSD	.6110	22.04	26.21	347.0	.1366	6.575	7.520

#1	16230.	1.659	1.381	-1.051	178400.	-3.613	.8654
#2	16370.	1.212	2.009	2.498	178100.	-3.965	.7780

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	212.6	176.6	9.520	.5383	-.5083	1.768	1.654
SDev	.4	1.0	1.380	.4470	.0009	3.665	2.495
%RSD	.1860	.5422	14.50	83.03	.1775	207.3	150.9

#1	212.3	177.3	8.544	.2223	-.5077	4.359	-.1107
#2	212.9	175.9	10.50	.8544	-.5090	-.8238	3.418

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2	••Analysis Report				
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Units	ppb	ppb
Avge	1.624	.2635
SDev	2.725	2.402
%RSD	167.8	911.4

#1	-.3027	-1.435
#2	3.551	1.962

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

					79065v1		
Avg	1066	--	--	--	--	--	--
SDev	.7495746	--	--	--	--	--	--
%RSD	.0703138	--	--	--	--	--	--
#1	1067	--	--	--	--	--	--
#2	1066	--	--	--	--	--	--

Method: SW846 Sample Name: 460-27967-A-3-C MS Operator:
Run Time: 07/07/11 23:13:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2186.	536.8	2157.	2120.	48.81	145.8	H261500.
SDev	1.	2.4	12.	.	.04	.6	531.
%RSD	.0592	.4406	.5526	.0102	.0856	.4398	.2030

#1	2187.	538.5	2165.	2120.	48.84	146.3	H261800.
#2	2185.	535.1	2148.	2120.	48.78	145.4	H261100.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	198.6	511.2	724.5	1028.	97210.	519.4	2194.
SDev	.3	.5	.3	3.	93.	.7	4.
%RSD	.1315	.1026	.0397	.3076	.0954	.1258	.1783

#1	198.8	511.5	724.3	1025.	97280.	519.9	2197.
#2	198.5	510.8	724.7	1030.	97150.	518.9	2191.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	H111700.	49.37	505.7	2218.	H768100.	2026.	493.1
SDev	170.	.53	3.0	13.	278.	11.	1.0
%RSD	.1522	1.080	.6008	.5823	.0362	.5183	.1944

#1	H111600.	48.99	507.9	2227.	H768300.	2034.	493.8
#2	H111900.	49.75	503.6	2209.	H767900.	2019.	492.4

Errors	LC High	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1506.	1422.	533.4	516.1	503.3	496.0	510.6
SDev	7.	2.	.1	.2	.3	2.9	3.1
%RSD	.4601	.1536	.0144	.0435	.0578	.5865	.6077

#1	1511.	1424.	533.4	516.2	503.1	498.0	512.8
#2	1501.	1421.	533.3	515.9	503.5	493.9	508.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avg	2187.	2233.
SDev	12.	14.
%RSD	.5261	.6097

#1	2195.	2243.
#2	2179.	2224.

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1039	--	--	--	--	--	--
SDev	1.723918	--	--	--	--	--	--
%RSD	.1659867	--	--	--	--	--	--
#1	1037	--	--	--	--	--	--
#2	1040	--	--	--	--	--	--

Method: SW846 Sample Name: PS 460-27967-A-3-A Operator:

Run Time: 07/07/11 23:19:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2268.	546.0	2228.	2199.	50.73	143.9	H254500.
SDev	7.	2.5	8.	3.	.07	.2	985.
%RSD	.3161	.4509	.3518	.1298	.1353	.1733	.3870
#1	2263.	544.2	2222.	2197.	50.68	144.1	H253800.
#2	2274.	547.7	2233.	2201.	50.78	143.8	H255200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	205.6	528.5	719.1	1068.	95520.	536.3	2158.
SDev	.8	1.6	1.5	4.	278.	2.0	9.
%RSD	.4034	.3026	.2021	.4035	.2907	.3690	.4109
#1	205.0	527.3	718.0	1065.	95320.	534.9	2151.
#2	206.2	529.6	720.1	1071.	95720.	537.7	2164.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H109800.	14.25	522.3	2304.	H748800.	2092.	510.0
SDev	680.	.02	.0	5.	1567.	5.	2.0
%RSD	.6192	.1337	.0017	.2229	.2093	.2496	.3873
#1	H109300.	14.24	522.3	2308.	H747700.	2089.	508.6
#2	H110300.	14.27	522.3	2300.	H749900.	2096.	511.4
Errors	LC High	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1492.	1415.	550.1	533.5	521.9	512.8	527.0
SDev	5.	4.	2.0	.1	1.0	2.1	1.1
%RSD	.3273	.3035	.3634	.0262	.1878	.4122	.2027
#1	1488.	1412.	548.7	533.5	521.2	511.3	527.8
#2	1495.	1418.	551.5	533.6	522.5	514.3	526.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2265.	2323.					
SDev	6.	11.					
%RSD	.2635	.4596					

#1 2261. 2331.
#2 2269. 2316.

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1056	--	--	--	--	--	--
SDev	5.434071	--	--	--	--	--	--
%RSD	.5147200	--	--	--	--	--	--

#1 1060 -- -- -- -- --
#2 1052 -- -- -- -- --

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Table Name: 3 Autosampler Type: TYPE TJA
Sample Positions: 160/192 QC Positions: 19/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	19	10
2	Sample (16mm)	Samples	16	1
3	Sample (16mm)	Samples	48	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No	118-125	*FromMTD	32	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type

(1...19 Not Used)

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	CCV 1052686	1	-NA-	Sample
2	1	2	CCB	1	-NA-	Sample
3	1	3	MB 460-79118/1-A	1	-NA-	Sample
4	1	4	LCS 460-79118/2-A	1	-NA-	Sample
5	1	5	460-27967-A-3-B DU	1	-NA-	Sample
6	1	6	460-27967-A-3-A	1	-NA-	Sample
7	1	7	SD 460-27967-A-3-A@5	1	-NA-	Sample
8	1	8	460-27967-A-3-C MS	1	-NA-	Sample
9	1	9	PS 460-27967-A-3-A	1	-NA-	Sample
10	1	10	460-27967-A-1-A	1	-NA-	Sample
11	1	11	460-27967-A-2-A	1	-NA-	Sample
12	1	12	460-27967-A-4-A	1	-NA-	Sample
13	2	1	CCV 1052686	1	-NA-	Sample
14	2	2	CCB	1	-NA-	Sample
15	2	3	460-27967-A-5-A	1	-NA-	Sample
16	2	4	CCV 1052686	1	-NA-	Sample
17	2	5	CCB	1	-NA-	Sample
18	2	6	MB 460-79125/1-A	1	-NA-	Sample
19	2	7	LCS 460-79125/2-A	1	-NA-	Sample
20	2	8	460-28327-D-1-E DU	1	-NA-	Sample
21	2	9	460-28327-D-1-D	1	-NA-	Sample

••AutoSampler Report Table: 3 07/07/11 11:30:19 PM page 2

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
22	2	10	SD 460-28327-D-1-D@5	1	-NA-	Sample
23	2	11	460-28327-D-1-F MS	1	-NA-	Sample
24	2	12	PS 460-28327-D-1-D	1	-NA-	Sample
25	3	1	460-28327-D-2-B	1	-NA-	Sample
26	3	2	460-28327-D-3-B	1	-NA-	Sample
27	3	3	460-28327-D-4-B	1	-NA-	Sample
28	3	4	CCV 1052686	1	-NA-	Sample
29	3	5	CCB	1	-NA-	Sample
30	3	6	460-28327-D-5-B	1	-NA-	Sample
31	3	7	CCV 1052686	1	-NA-	Sample
32	3	8	CCB	1	-NA-	Sample
(33...48			Not Used)			

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48			Not Used)			

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48			Not Used)			

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48			Not Used)			

Method: SW846 Sample Name: 460-27967-A-1-A Operator:

Run Time: 07/07/11 23:31:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.67	2.148	12.39	630.6	- .4607	- .1671	85490.
SDev	1.64	.533	.04	8.4	.0088	.1488	1124.
%RSD	3.445	24.81	.3217	1.328	1.902	89.04	1.315

#1	46.51	1.771	12.36	636.5	- .4669	- .0619	86290.
#2	48.83	2.525	12.42	624.7	- .4545	- .2723	84700.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4028	-.0469	-.1075	32810.	127500.	447.6	-.2764
SDev	.4580	.3223	.2053	462.	1676.	5.8	.6228
%RSD	113.7	687.1	191.0	1.408	1.314	1.296	225.3

#1	.0789	-.2748	.0377	33140.	128700.	451.7	-.7168
#2	.7267	.1810	-.2527	32480.	126300.	443.5	.1640

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44350.	1.196	.6294	.5122	H709700.	2.832	5.515
SDev	856.	.181	.8336	.0132	6861.	.717	.024
%RSD	1.930	15.18	132.5	2.581	.9668	25.33	.4335

#1	44960.	1.067	.0399	.5029	H714500.	2.325	5.499
#2	43750.	1.324	1.219	.5216	H704800.	3.339	5.532

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass

					79065v1		
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1793	748.3	.0234	3.163	1.380	-3.150	2.512
SDev	.3124	16.9	1.065	1.667	.148	.869	.816
%RSD	174.3	2.261	4559.	52.69	10.69	27.58	32.48
#1	-.0416	760.3	-.7294	1.985	1.485	-3.765	1.935
#2	.4002	736.4	.7761	4.342	1.276	-2.536	3.089
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.765	-2.619					
SDev	1.341	.689					
%RSD	19.82	26.32					
#1	7.712	-3.106					
#2	5.817	-2.132					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1065	--	--	--	--	--	--
SDev	11.84266	--	--	--	--	--	--
%RSD	1.112061	--	--	--	--	--	--
#1	1057	--	--	--	--	--	--
#2	1073	--	--	--	--	--	--

Method: SW846 Sample Name: 460-27967-A-2-A Operator:
Run Time: 07/07/11 23:37:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.42	1.883	14.54	204.6	-.4660	2.232	75810.
SDev	8.47	3.418	.32	.2	.0331	.331	154.
%RSD	13.57	181.5	2.193	.1171	7.092	14.81	.2034
#1	68.41	4.300	14.76	204.8	-.4426	2.466	75920.
#2	56.43	-.5337	14.31	204.5	-.4894	1.998	75700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6404	17.22	81.50	1001.	80250.	295.1	98.32
SDev	1.647	1.40	.02	1.	42.	.2	2.09
%RSD	257.2	8.140	.0231	.1134	.0523	.0629	2.128
#1	1.805	18.21	81.49	1002.	80280.	295.3	99.80
#2	-.5243	16.23	81.51	1000.	80220.	295.0	96.84
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H208600.	1.604	3.982	1.602	H708000.	2.708	6.070
SDev	456.	.170	.352	2.828	888.	1.501	.624
%RSD	.2188	10.62	8.846	176.5	.1254	55.44	10.29
#1	H208300.	1.725	4.231	3.602	H708600.	1.646	6.511

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#2	H209000.	1.484	3.733	-.3971	H707300.	3.769	5.628
Errors High	LC High 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC High 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	245.7	309.2	35.49	1.068	.2064	4.463	3.737
SDev	1.0	.0	.54	3.943	.2254	5.670	2.303
%RSD	.3972	.0079	1.527	369.3	109.2	127.0	61.62
#1	245.1	309.2	35.11	3.856	.3658	8.473	2.109
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#2	246.4	309.2	35.88	-1.720	.0470	.4541	5.365
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	11.60	-3.398					
SDev	9.49	.496					
%RSD	81.78	14.61					
#1	18.31	-3.749					
#2	4.892	-3.047					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd Mode	1 Counts	2 NOTUSED	3 NOTUSED	4 NOTUSED	5 NOTUSED	6 NOTUSED	7 NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1066	--	--	--	--	--	--
SDev	1.836302	--	--	--	--	--	--
%RSD	.1723013	--	--	--	--	--	--
#1	1067	--	--	--	--	--	--
#2	1064	--	--	--	--	--	--

Method: SW846 Sample Name: 460-27967-A-4-A Operator:
Run Time: 07/07/11 23:43:39
Comment:
Mode: CONC Corr. Factor: 1

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Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	119.5	4.671	21.46	4.857	-.5773	1.977	8113.
SDev	1.8	2.152	.74	.146	.0793	.112	31.
%RSD	1.534	46.07	3.461	3.001	13.73	5.653	.3848
#1	118.2	6.193	21.98	4.754	-.5213	2.056	8091.
#2	120.8	3.149	20.93	4.961	-.6334	1.898	8135.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	16.34	90.81	70.18	2360.	8651.	208.1	394.9
SDev	2.14	.20	.95	8.	116.	1.6	5.1
%RSD	13.08	.2247	1.353	.3351	1.344	.7707	1.281
#1	17.86	90.95	69.51	2366.	8568.	207.0	391.3
#2	14.83	90.66	70.85	2354.	8733.	209.3	398.5
Errors High	LC Pass 10000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

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Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	S1249000.	1.534	9.766	4.544	H1162000.	2.705	48.83
SDev	11649.	.621	.277	.725	12920.	1.299	.75
%RSD	.9329	40.50	2.840	15.95	1.112	48.04	1.535

#1	S1240000.	1.973	9.962	4.032	H1153000.	3.623	49.36
#2	S1257000.	1.095	9.570	5.056	H1171000.	1.786	48.30

Errors	LC High	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1327.	529.4	30.05	4.373	4.426	3.672	12.80
SDev	14.	7.5	.60	.568	.400	3.592	1.38
%RSD	1.088	1.415	1.997	12.98	9.048	97.82	10.76

#1	1317.	524.1	30.47	4.774	4.709	6.212	11.83
#2	1337.	534.7	29.63	3.971	4.142	1.132	13.78

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	14.06	-.2146
SDev	3.29	.5583
%RSD	23.44	260.2

#1	11.73	.1802	••Analysis Report
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#2	16.38	-.6094

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1022	--	--	--	--	--	--
SDev	10.79330	--	--	--	--	--	--
%RSD	1.056152	--	--	--	--	--	--

#1	1030	--	--	--	--	--	--
#2	1014	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1052686 Operator:
Run Time: 07/07/11 23:49:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128300.	1032.	5116.	10060.	1017.	2460.	125800.
SDev	164.	8.	31.	1.	3.	9.	475.
%RSD	.1279	.7465	.6023	.0063	.3001	.3648	.3777

#1	128400.	1038.	5137.	10060.	1019.	2466.	126100.
#2	128200.	1027.	5094.	10060.	1015.	2453.	125400.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5013.	2529.	12550.	101500.	126500.	4976.	2473.

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SDev	13.	7.	4.	359.	193.	14.	8.

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%RSD	.2617	.2724	.0340	.3542	79065v1 .1525	.2719	.3331
#1	5022.	2534.	12550.	101700.	126600.	4985.	2479.
#2	5003.	2524.	12540.	101200.	126400.	4966.	2467.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53490.	1276.	9884.	5116.	131600.	5019.	2478.
SDev	494.	3.	41.	21.	237.	24.	5.
%RSD	.9227	.2731	.4163	.4082	.1801	.4857	.1872
#1	53840.	1279.	9913.	5131.	131800.	5036.	2481.
#2	53140.	1274.	9855.	5101.	131500.	5002.	2474.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2383.	1000.	2486.	1025.	10050.	9860.	9897.
SDev	6.	6.	15.	3.	12.	73.	25.
%RSD	.2387	.5961	.6026	.3174	.1188	.7386	.2559
#1	2387.	1004.	2496.	1028.	10060.	9912.	9914.
#2	2379.	996.1	2475.	1023.	10040.	9809.	9879.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5035.	5157.					
SDev	47.	8.					
%RSD	.9256	.1561					
#1	5068.	5162.					
#2	5002.	5151.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1076	--	--	--	--	--	--
SDev	9.893885	--	--	--	--	--	--
%RSD	.9196820	--	--	--	--	--	--

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#1	1069	--	--	--	--	--	--
#2	1083	--	--	--	--	--	--

Method: SW846
Run Time: 07/07/11 23:55:57
Comment:
Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.09	- .4159	1.840	- .6960	- .3936	- .3070	-11.01
SDev	.37	1.0678	1.629	.0003	.0304	.0157	.31
%RSD	1.663	256.7	88.51	.0372	7.729	5.130	2.780
#1	21.83	.3391	.6883	- .6962	- .4151	- .2958	-11.23
#2	22.35	-1.171	2.991	- .6958	- .3721	- .3181	-10.79
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.

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Low	-200.0	-10.00	-5.000	-200.0	79065v1 -2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4270	-.4441	-.4717	6.016	4.751	-.3087	-.8436
SDev	.3924	.0793	.6605	7.470	2.623	.0005	.6649
%RSD	91.91	17.86	140.0	124.2	55.20	.1764	78.82
#1	-.7045	-.5001	-.0046	11.30	2.897	-.3083	-1.314
#2	-.1495	-.3880	-.9387	.7338	6.605	-.3090	-.3734
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-153.9	1.355	-.0779	-.1106	127.1	.5971	.6182

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SDev	1.2	.357	.0752	1.2585	43.4	.1687	.1390
%RSD	.8110	26.38	96.56	1138.	34.15	28.26	22.49
#1	-154.8	1.608	-.1311	.7793	157.8	.4778	.7165
#2	-153.0	1.102	-.0247	-1.000	96.39	.7164	.5199
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.079	1.446	1.396	-2.096	-.2419	-.9270	.3432
SDev	.066	.390	.209	.561	.1619	3.8029	2.010
%RSD	6.154	27.00	14.96	26.76	66.92	410.3	585.5
#1	-1.032	1.722	1.544	-2.493	-.1275	1.762	-1.078
#2	-1.126	1.170	1.249	-1.699	-.3564	-3.616	1.764
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-6.177	2.908					
SDev	3.305	.237					
%RSD	53.50	8.148					
#1	-3.840	3.076					
#2	-8.513	2.741					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1095	--	--	--	--	--	--
SDev	2.435945	--	--	--	--	--	--
%RSD	.2223733	--	--	--	--	--	--
#1	1094	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

Method: SW846 Sample Name: 460-27967-A-5-A Operator:
Run Time: 07/08/11 00:02:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	75.21	3.678	25.37	3.277	-.4458	.4249	13890.
SDev	5.41	.392	1.98	.274	.0107	.0833	32.
%RSD	7.199	10.65	7.785	8.354	2.391	19.61	.2284

79065v1

#1	79.04	3.401	26.77	3.470	-.4533	.4838	13910.
#2	71.38	3.955	23.97	3.083	-.4383	.3659	13870.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	75.67	284.1	6.630	67710.	18680.	4177.	2362.
SDev	.66	.4	.447	84.	7.	4.	1.
%RSD	.8788	.1521	6.747	.1236	.0371	.0880	.0438

#1	76.14	284.4	6.314	67770.	18680.	4180.	2363.
#2	75.20	283.8	6.946	67660.	18690.	4175.	2361.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	S1299000.	2.231	.4668	9.678	H1409000.	-1.751	95.03
SDev	1051.	.077	.4566	1.472	907.	6.131	.40
%RSD	.0809	3.461	97.80	15.21	.0644	350.1	.4200

#1	S1298000.	2.176	.1440	10.72	H1408000.	-6.087	94.75
#2	S1300000.	2.285	.7897	8.637	H1409000.	2.584	95.32

Errors	LC High	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	52.65	280.8	2.772	12.65	33.76	-3.136	2.261
SDev	.32	.1	.036	1.41	.18	.598	.983
%RSD	.6017	.0191	1.311	11.12	.5452	19.06	43.47

#1	52.43	280.9	2.747	13.64	33.89	-2.713	1.566
#2	52.88	280.8	2.798	11.65	33.63	-3.558	2.956

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	20.20	4.414
SDev	.57	1.924
%RSD	2.805	43.59

#1	20.60	5.775
#2	19.80	3.054

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	977	--	--	--	--	--	--
SDev	.8994636	--	--	--	--	--	--
%RSD	.0920636	--	--	--	--	--	--

#1	978	--	--	--	--	--	--
#2	976	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1052686

Operator:

Run Time: 07/08/11 00:08:14

Comment:

Mode: CONC Corr. Factor: 1

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127600.	1031.	5137.	10040.	1023.	2479.	126600.
SDev	257.	1.	14.	5.	3.	10.	262.
%RSD	.2014	.0814	.2786	.0505	.3263	.3882	.2068

#1	127800.	1031.	5127.	10050.	1021.	2472.	126400.
#2	127400.	1032.	5147.	10040.	1026.	2485.	126800.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5042.	2541.	12500.	102100.	126000.	5003.	2490.
SDev	11.	6.	13.	213.	135.	11.	9.
%RSD	.2255	.2273	.1051	.2089	.1070	.2101	.3792

#1	5034.	2537.	12510.	101900.	126100.	4995.	2483.
#2	5050.	2545.	12490.	102200.	126000.	5010.	2497.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53210.	1277.	9961.	5123.	129800.	5049.	2490.
SDev	16.	1.	72.	17.	637.	13.	3.
%RSD	.0306	.0852	.7183	.3285	.4904	.2529	.1162

#1	53220.	1276.	9910.	5111.	130300.	5040.	2488.
#2	53200.	1277.	10010.	5135.	129400.	5058.	2492.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2404.	1002.	2499.	1030.	10090.	9879.	10000.
SDev	14.	2.	14.	1.	8.	39.	88.
%RSD	.5961	.2477	.5570	.0733	.0784	.3935	.8785

#1	2394.	1000.	2490.	1029.	10090.	9852.	9940.
#2	2414.	1004.	2509.	1030.	10100.	9907.	10060.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2	••Analysis Report				
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Units	ppb	ppb
Avge	5045.	5162.
SDev	17.	17.
%RSD	.3453	.3203

#1	5032.	5151.
#2	5057.	5174.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1075	--	--	--	--	--	--
SDev	7.720169	--	--	--	--	--	--
%RSD	.7184748	--	--	--	--	--	--

#1	1080	--	--	--	--	--	--
#2	1069	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
 Run Time: 07/08/11 00:14:22
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.34	.7248	1.200	-.8726	-.3576	-.3661	-10.83
SDev	1.01	1.805	.618	.0835	.0270	.1202	.78
%RSD	5.510	249.0	51.49	9.573	7.540	32.83	7.195

#1	17.62	2.001	.7631	-.8136	-.3766	-.4511	-11.38
#2	19.05	-.5516	1.637	-.9317	-.3385	-.2811	-10.28

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3519	-.1178	.3916	21.89	8.561	-.2506	-1.442
SDev	.4970	.5439	.5354	4.59	7.461	.0005	.383
%RSD	141.2	461.9	136.7	20.98	87.15	.1942	26.53

#1	-.7033	-.5024	.0130	18.64	3.285	-.2509	-1.713
#2	-.0004	.2669	.7701	25.14	13.84	-.2503	-1.172

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-134.3	1.706	-.3371	1.689	175.4	.7611	1.010
SDev	1.4	.627	.4704	.446	135.1	.1039	.273
%RSD	1.025	36.74	139.6	26.43	77.01	13.65	26.99

#1	-135.3	1.262	-.0044	1.373	79.89	.6877	.8174
#2	-133.4	2.149	-.6697	2.004	270.9	.8346	1.203

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9750	.9775	1.398	-1.336	-.0146	-3.243	1.110
SDev	.1701	.0570	.849	.824	.0018	3.611	2.508
%RSD	17.45	5.832	60.71	61.64	12.20	111.3	226.0

#1	-.8547	1.018	1.998	-1.919	-.0133	-5.796	2.883
#2	-1.095	.9372	.7977	-.7538	-.0158	-.6896	-.6639

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.617	4.328
SDev	3.425	1.041
%RSD	94.70	24.05

#1	-6.039	5.064
#2	-1.195	3.592

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

					79065v1		
Wavlen	371.030	--	--	--	--	--	--
Avge	1089	--	--	--	--	--	--
SDev	2.323561	--	--	--	--	--	--
%RSD	.2133371	--	--	--	--	--	--
#1	1091	--	--	--	--	--	--
#2	1088	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-79125/1-A Operator:
Run Time: 07/08/11 00:20:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.90	-.9418	.1340	-.8720	-.3918	-.1617	16.98
SDev	.62	2.0605	2.638	.0825	.0555	.1335	.09
%RSD	2.018	218.8	1969.	9.458	14.16	82.57	.5030
#1	31.34	-2.399	-1.731	-.9303	-.4310	-.0673	16.92
#2	30.46	.5152	1.999	-.8137	-.3525	-.2561	17.05

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0652	-.4470	.3786	16.19	11.78	-.3079	-.7723
SDev	.4274	.2339	.0069	4.65	2.30	.0002	.6874
%RSD	655.7	52.33	1.836	28.71	19.49	.0615	89.00
#1	.3674	-.2816	.3737	12.90	10.16	-.3080	-.2863
#2	-.2370	-.6124	.3835	19.48	13.41	-.3077	-1.258

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-141.4	1.023	-1.207	.7184	147.2	-.2927	.6587
SDev	.1	.275	.247	1.697	28.1	1.1425	.0701
%RSD	.0926	26.87	20.51	236.2	19.12	390.3	10.64
#1	-141.3	1.217	-1.032	1.918	167.1	-1.101	.6091
#2	-141.5	.8284	-1.382	-.4814	127.3	.5151	.7083

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7711	3.218	.0503	-.0585	-.1880	-4.412	.3897
SDev	.1219	1.442	.1540	.7813	.0815	1.277	1.009
%RSD	15.81	44.83	306.0	1336.	43.36	28.95	258.9
#1	-.8573	4.238	-.0586	-.6110	-.2456	-5.315	1.103
#2	-.6848	2.198	.1592	.4940	-.1303	-3.509	-.3236

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.7554	1.445
SDev	1.4869	1.802
%RSD	196.8	124.7
#1	.2959	2.718
#2	-1.807	.1707

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	1.086814	--	--	--	--	--	--
%RSD	.0996086	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1090	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-79125/2-A Operator:
Run Time: 07/08/11 00:26:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2008.	490.3	1988.	1975.	49.45	49.32	20080.
SDev	4.	4.5	12.	.	.06	.23	47.
%RSD	.2010	.9131	.5804	.0110	.1230	.4565	.2356

#1	2005.	487.1	1980.	1975.	49.41	49.16	20040.
#2	2011.	493.5	1996.	1975.	49.50	49.48	20110.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2400.	600.0	2400.	2400.	60.00	60.00	24000.
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	198.2	490.4	236.0	1011.	18640.	490.9	488.2
SDev	.4	1.2	.1	2.	21.	1.1	1.0
%RSD	.2260	.2472	.0544	.1979	.1121	.2189	.1976

#1	197.9	489.5	235.9	1013.	18620.	490.2	487.6
#2	198.5	491.3	236.1	1010.	18650.	491.7	488.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20230.	45.45	487.6	1950.	18810.	1971.	481.3
SDev	128.	.13	3.0	2.	60.	16.	.7
%RSD	.6327	.2866	.6229	.0968	.3167	.7879	.1435

#1	20140.	45.35	485.4	1951.	18770.	1960.	480.8
#2	20330.	45.54	489.7	1949.	18860.	1982.	481.8

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	477.0	481.0	481.8	487.6	491.2	484.3	489.2
SDev	1.5	2.5	1.6	2.4	.5	3.6	2.8
%RSD	.3145	.5111	.3257	.4901	.0940	.7443	.5629

#1	475.9	479.2	480.7	489.3	490.9	481.8	487.2
#2	478.1	482.7	482.9	485.9	491.6	486.9	491.1

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	600.0	600.0	600.0	600.0	600.0		
Low	400.0	400.0	400.0	400.0	400.0		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1913.	1968.
SDev	.	3.
%RSD	.0154	.1513

#1 1913. 1970.
#2 1913. 1966.

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1095	--	--	--	--	--	--
SDev	4.084940	--	--	--	--	--	--
%RSD	.3728893	--	--	--	--	--	--

#1	1098	--	--	--	--	--	--
#2	1093	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28327-D-1-E DU Operator:

Run Time: 07/08/11 00:32:48

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.99	1.727	1.796	117.0	-.3758	-.1727	70810.
SDev	3.84	1.126	1.144	.9	.0370	.0162	140.
%RSD	7.390	65.19	63.68	.7453	9.835	9.368	.1978

#1	49.27	.9307	.9873	117.6	-.4019	-.1841	70910.
#2	54.71	2.523	2.605	116.4	-.3496	-.1612	70710.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1002	.5246	1.791	780.1	14370.	2814.	5.556
SDev	.6166	.5443	.068	9.8	93.	8.	.565
%RSD	615.2	103.8	3.807	1.251	.6454	.2881	10.16

#1	-.5363	.1397	1.743	787.0	14430.	2820.	5.156
#2	.3358	.9094	1.840	773.2	14300.	2809.	5.955

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3372.	1.648	1.085	-.8977	104400.	-1.533	1.101
SDev	27.	.201	.298	1.5492	668.	1.829	.284
%RSD	.7958	12.22	27.49	172.6	.6402	119.3	25.81

#1	3391.	1.790	1.296	-1.993	104900.	-.2397	1.302
#2	3353.	1.505	.8742	.1977	103900.	-2.826	.8999

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.455	66.88	2.317	1.050	.1786	-.2693	1.757
SDev	.090	.26	.365	2.856	.0510	2.7179	1.804
%RSD	1.202	.3961	15.75	272.0	28.53	1009.	102.7

#1	7.392	67.06	2.575	-.9695	.2146	-2.191	3.033	••Analysis Report

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#2	7.519	66.69	2.059	3.070	.1425	1.653	.4815

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.151	2.215
SDev	2.232	1.208
%RSD	31.22	54.56

#1	-8.729	1.360
#2	-5.573	3.069

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	8.057495	--	--	--	--	--	--
%RSD	.7416192	--	--	--	--	--	--
#1	1081	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28327-D-1-D Operator:

Run Time: 07/08/11 00:38:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	••Analysis Report
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Avge	51.75	.9436	-1.692	115.0	-.3945	-.3730	69960.
SDev	.28	.0091	1.791	.2	.0111	.1337	91.
%RSD	.5499	.9620	105.8	.2163	2.808	35.85	.1303

#1	51.55	.9500	-.4262	115.2	-.3867	-.4675	69900.
#2	51.95	.9372	-2.959	114.9	-.4024	-.2784	70020.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0257	.1410	1.776	779.1	14120.	2775.	4.667
SDev	.6597	.0001	.130	5.8	1.	1.	.043
%RSD	2564.	.0563	7.331	.7445	.0102	.0478	.9213

#1	-.4408	.1410	1.868	783.2	14120.	2774.	4.636
#2	.4922	.1409	1.684	775.0	14120.	2775.	4.697

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3309.	1.556	-.5848	-1.386	102700.	-1.428	1.091
SDev	6.	.038	.5351	1.177	86.	.274	.005
%RSD	.1848	2.463	91.51	84.88	.0841	19.19	.4201

#1	3314.	1.583	-.9632	-2.218	102800.	-1.622	1.094
#2	3305.	1.529	-.2064	-.5542	102700.	-1.234	1.088

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.475	65.67	1.041	.8180	.1405	-3.774	1.003
SDev	.119	.95	.743	1.433	.0549	1.530	1.566
%RSD	1.589	1.443	71.38	175.1	39.05	40.55	156.1

#1	7.559	66.34	1.567	1.831	.1017	-2.692	-.1043
#2	7.391	65.00	.5158	-.1950	.1793	-4.856	2.111

79065v1

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.077	-.0526
SDev	2.451	2.9877
%RSD	60.10	5681.

#1 -2.344 -2.165 ••Analysis Report

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#2 -5.810 2.060

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1089	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--

#1	1089	--	--	--	--	--	--
#2	1089	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-28327-D-1-D05 Operator:

Run Time: 07/08/11 00:45:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.47	1.754	1.674	22.34	-.3586	-.2654	13990.
SDev	3.06	.741	.926	.11	.0179	.2042	49.
%RSD	11.14	42.25	55.33	.4868	4.981	76.93	.3479

#1	25.30	1.230	1.019	22.41	-.3712	-.4097	13950.
#2	29.63	2.278	2.329	22.26	-.3459	-.1210	14020.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1020	.2648	.6467	167.4	2789.	556.0	.0017

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SDev	.1346	.6204	.6666	11.9	5.	1.1	.0203
%RSD	132.0	234.3	103.1	7.089	.1857	.2040	1200.

#1	.0068	-.1739	.1753	159.0	2785.	555.2	-.0126
#2	.1972	.7035	1.118	175.8	2792.	556.8	.0160

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	310.4	1.187	.4316	.4369	19810.	-.1687	.9942
SDev	9.9	.016	.7632	.2179	154.	1.4475	.2869
%RSD	3.189	1.309	176.8	49.87	.7795	858.1	28.86

#1	303.4	1.176	.9713	.2829	19700.	-1.192	.7913
#2	317.4	1.198	-.1081	.5910	19920.	.8549	1.197

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-10000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

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	Zn2062	B_2496	Mo2020	Sn1899	79065v1 Ti3349	2203/1	2203/2
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5652	13.04	-.5004	.6112	-.1479	2.130	-.4205
SDev	.3681	.20	1.5652	.0188	.1897	.239	1.0248
%RSD	65.13	1.508	312.8	3.081	128.2	11.23	243.7
#1	.3049	12.90	-1.607	.5978	-.2820	2.299	.3042
#2	.8255	13.17	.6064	.6245	-.0138	1.961	-1.145
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1	1960/2					
Avge	ppb	ppb					
SDev	-4.878	3.081					
%RSD	1.427	1.039					
#1	29.25	33.72					
#2	-3.869	2.346					
Errors High	NOCHECK	NOCHECK					
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1092	--	--	--	--	--	--
SDev	2.698348	--	--	--	--	--	--
%RSD	.2470268	--	--	--	--	--	--

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#1	1094	--	--	--	--	--	--
#2	1090	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28327-D-1-F MS Operator:
Run Time: 07/08/11 00:51:13
Comment:
Mode: CONC Corr. Factor: 1

	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2068.	494.3	1996.	2121.	49.34	48.42	89530.
SDev	3.	3.6	12.	2.	.12	.29	240.
%RSD	.1493	.7327	.6138	.1098	.2378	.6081	.2679
#1	2071.	496.8	2004.	2122.	49.42	48.63	89700.
#2	2066.	491.7	1987.	2119.	49.26	48.21	89360.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	196.6	490.8	242.9	1769.	33370.	3264.	488.9
%RSD	.6	.1	.3	9.	44.	7.	1.3
#1	.2819	.0197	.1100	.4811	.1304	.2016	.2573
#2	196.9	490.8	243.1	1775.	33400.	3269.	489.8
Errors High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25180.	47.35	486.1	1942.	123800.	1966.	482.9

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SDev	75.	.00	1.3	2.	189.	5.	1.2

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%RSD	.2985	.0037	.2630	.0803	79065v1 .1527	.2392	.2572
#1	25230.	47.36	485.2	1943.	123900.	1963.	483.7
#2	25120.	47.35	487.0	1941.	123600.	1970.	482.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	477.6	542.2	480.7	492.5	494.7	478.8	489.7
SDev	.3	.3	1.8	1.7	1.4	.9	2.4
%RSD	.0635	.0570	.3788	.3449	.2801	.1972	.4876
#1	477.8	542.4	482.0	493.7	495.7	479.4	488.0
#2	477.4	542.0	479.4	491.3	493.8	478.1	491.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1907.	1959.					
SDev	2.	3.					
%RSD	.0804	.1583					
#1	1906.	1961.					
#2	1908.	1957.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1074	--	--	--	--	--	--
SDev	2.286099	--	--	--	--	--	--
%RSD	.2128337	--	--	--	--	--	--
#1	1073	--	--	--	--	--	--
#2	1076	--	--	--	--	--	--

Method: SW846 Sample Name: PS 460-28327-D-1-D Operator:
Run Time: 07/08/11 00:57:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2158.	518.6	2113.	2234.	52.16	51.25	89990.
SDev	6.	1.7	2.	.	.09	.14	112.
%RSD	.2697	.3328	.0974	.0218	.1635	.2820	.1245
#1	2162.	519.9	2114.	2235.	52.22	51.15	90060.
#2	2154.	517.4	2111.	2234.	52.10	51.35	89910.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	208.7	518.4	256.8	1816.	34330.	3262.	515.3
SDev	.6	.0	.4	7.	16.	3.	1.7
%RSD	.2967	.0073	.1489	.3960	.0457	.0875	.3394
#1	209.2	518.4	257.1	1821.	34340.	3264.	514.0
#2	208.3	518.4	256.5	1811.	34310.	3260.	516.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Units	ppb	ppb	ppb	ppb	79065v1 ppb	ppb	ppb
Avge	26340.	14.28	514.5	2055.	123600.	2086.	510.2
SDev	39.	.24	1.3	13.	18.	6.	.6
%RSD	.1477	1.679	.2451	.6425	.0148	.2928	.1137
#1	26370.	14.45	513.6	2064.	123600.	2082.	510.6
#2	26310.	14.11	515.3	2046.	123600.	2091.	509.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	506.4	573.3	509.2	518.0	522.8	510.8	516.3
SDev	.1	.1	.8	.3	.3	.5	2.1
%RSD	.0218	.0189	.1633	.0521	.0663	.1006	.4158
#1	506.3	573.2	508.6	517.8	523.0	511.1	514.8
#2	506.4	573.4	509.8	518.2	522.6	510.4	517.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2030.	2068.					
SDev	8.	16.					
%RSD	.4183	.7524					
#1	2036.	2079.					
#2	2024.	2057.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1082	--	--	--	--	--	--
SDev	3.185519	--	--	--	--	--	--
%RSD	.2943180	--	--	--	--	--	--
#1	1080	--	--	--	--	--	--
#2	1085	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-28327-D-2-B Operator:
Run Time: 07/08/11 01:03:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126.8	1.390	3.950	134.2	-.3710	-.2109	79320.
SDev	.8	1.039	1.047	.5	.0006	.0266	125.
%RSD	.6040	74.76	26.52	.3362	.1722	12.62	.1575
#1	127.4	2.124	4.690	134.5	-.3715	-.2297	79400.
#2	126.3	.6549	3.209	133.8	-.3706	-.1921	79230.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8427	.5176	7.146	656.0	16610.	544.4	2.998
SDev	.1970	.2324	.280	4.2	33.	.7	.103
%RSD	23.38	44.90	3.918	.6428	.1987	.1215	3.437
#1	-.9820	.3533	7.344	653.0	16630.	544.9	2.925
#2	-.7033	.6819	6.948	659.0	16590.	544.0	3.071

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3098.	1.518	.5810	.5170	102700.	-1.054	1.872
SDev	8.	.402	.0931	.3758	333.	2.262	.004
%RSD	.2623	26.50	16.02	72.68	.3239	214.6	.2097

#1	3103.	1.803	.5152	.2513	102900.	-2.654	1.869
#2	3092.	1.234	.6468	.7827	102400.	.5453	1.875

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.710	68.83	1.386	.6628	2.526	-1.575	1.654
SDev	.194	.62	.959	2.436	.085	1.555	.637
%RSD	2.896	.8984	69.16	367.5	3.361	98.73	38.52

#1	6.848	68.39	.7084	2.385	2.586	-2.675	2.104
#2	6.573	69.27	2.064	-1.060	2.466	-.4756	1.203

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2	••Analysis Report
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Units	ppb	ppb
Avge	-2.438	1.983
SDev	5.126	3.123
%RSD	210.3	157.5

#1	1.187	-.2253
#2	-6.063	4.191

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1093	--	--	--	--	--	--
SDev	1.648995	--	--	--	--	--	--
%RSD	.1508149	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28327-D-3-B Operator:

Run Time: 07/08/11 01:09:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	194.4	1.143	2.873	52.72	-.3514	-.2283	55910.
SDev	2.2	.574	.823	.03	.0134	.0843	134.
%RSD	1.106	50.22	28.65	.0644	3.827	36.90	.2396

#1	195.9	1.548	3.455	52.75	-.3609	-.2879	55820.
#2	192.9	.7369	2.291	52.70	-.3419	-.1688	56010.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

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Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4200	2.078	2.559	2227.	9037.	1206.	2.594
SDev	.2950	.083	.108	14.	22.	3.	1.053
%RSD	70.24	3.991	4.222	.6394	.2408	.2091	40.61
#1	.6286	2.019	2.636	2217.	9021.	1204.	3.338
#2	.2114	2.136	2.483	2237.	9052.	1207.	1.849
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2343.	.9371	2.007	.9259	57290.	-1.321	2.205
SDev	12.	.0141	.168	.1940	254.	.739	.070
%RSD	.5304	1.510	8.353	20.95	.4432	55.95	3.157
#1	2334.	.9271	2.126	.7888	57110.	-1.843	2.156
#2	2352.	.9471	1.889	1.063	57470.	-.7982	2.254
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.905	41.04	2.589	.4479	4.127	1.441	2.286
SDev	.379	.83	.655	.4225	.047	.641	.068
%RSD	9.712	2.019	25.30	94.34	1.136	44.46	2.990
#1	3.637	40.46	3.052	.7466	4.160	1.894	2.238
#2	4.173	41.63	2.126	.1491	4.094	.9878	2.335
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.204	2.978					
SDev	.096	.243					
%RSD	3.011	8.146					
#1	-3.273	2.807					
#2	-3.136	3.150					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1083	--	--	--	--	--	--
SDev	2.698262	--	--	--	--	--	--
%RSD	.2491587	--	--	--	--	--	--
#1	1085	--	--	--	--	--	--
#2	1081	--	--	--	--	--	--

Method: SW846 Sample Name: 460-28327-D-4-B Operator:
Run Time: 07/08/11 01:15:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	455.2	1.472	.7462	38.05	-.3689	-.2671	30970.
SDev	.3	1.135	.0870	.06	.0509	.0846	89.
%RSD	.0730	77.13	11.66	.1698	13.80	31.67	.2869
#1	455.0	.6692	.8077	38.09	-.4049	-.2073	30900.
#2	455.4	2.275	.6846	38.00	-.3329	-.3269	31030.

	LC Pass	LC Pass	LC Pass	LC Pass	79065v1 LC Pass	LC Pass	LC Pass
Errors High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Errors Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	-.0810	1.006	1.858	1770.	6445.	752.3	1.140
SDev	.6868	.617	1.529	8.	3.	.9	.475
%RSD	847.5	61.33	82.28	.4703	.0477	.1250	41.69
#1	-.5667	.5695	.7770	1764.	6447.	751.7	1.477
#2	.4046	1.442	2.939	1776.	6443.	753.0	.8041

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	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Errors High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Errors Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	2664.	.8106	3.467	-.1719	62720.	-3.106	2.534
SDev	17.	.4168	1.146	.6107	6.	1.377	.132
%RSD	.6426	51.42	33.04	355.2	.0089	44.32	5.216
#1	2676.	.5159	4.277	-.6038	62730.	-4.080	2.441
#2	2652.	1.105	2.657	.2599	62720.	-2.133	2.628

	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Errors High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Errors Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	8.012	61.93	1.624	-.3438	12.25	1.863	4.264
SDev	.463	.62	.426	.2162	1.36	.248	1.841
%RSD	5.779	1.009	26.21	62.88	11.09	13.29	43.18
#1	8.339	62.37	1.323	-.4967	11.29	1.688	5.566
#2	7.684	61.49	1.925	-.1909	13.21	2.038	2.962

	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Errors High	5000.	2000.	5000.	2000.	20000.		
Errors Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	-4.759	2.108					
SDev	.022	.927					
%RSD	.4685	43.96					
#1	-4.743	1.453					
#2	-4.774	2.764					

	NOCHECK	NOCHECK
Errors High		
Errors Low		

	1	2	3	4	5	6	7
IntStd Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1089	--	--	--	--	--	--
SDev	4.159863	--	--	--	--	--	--
%RSD	.3818344	--	--	--	--	--	--
#1	1086	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1052686 Operator:
Run Time: 07/08/11 01:21:59
Comment:
Mode: CONC Corr. Factor: 1

	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127900.	1034.	5141.	10070.	1023.	2483.	126600.
SDev	609.	6.	6.	54.	5.	7.	561.

	79065v1						
%RSD	.4759	.5902	.1163	.5405	.4737	.2658	.4433
#1	128300.	1039.	5145.	10110.	1026.	2488.	127000.
#2	127400.	1030.	5137.	10030.	1019.	2479.	126200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5046.	2539.	12550.	101900.	126600.	5011.	2494.
SDev	22.	12.	61.	497.	630.	22.	6.
%RSD	.4362	.4800	.4886	.4877	.4974	.4371	.2358
#1	5062.	2548.	12600.	102300.	127000.	5026.	2498.
#2	5031.	2530.	12510.	101600.	126200.	4996.	2490.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53300.	1279.	9962.	5116.	130400.	5065.	2495.
SDev	208.	6.	19.	18.	603.	15.	11.
%RSD	.3906	.4576	.1935	.3585	.4623	.3020	.4301
#1	53450.	1283.	9975.	5129.	130800.	5076.	2503.
#2	53160.	1274.	9948.	5103.	130000.	5054.	2488.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2397.	1006.	2504.	1026.	10110.	9910.	9987.
SDev	6.	7.	5.	1.	47.	56.	1.
%RSD	.2325	.6526	.2089	.0875	.4694	.5677	.0081
#1	2401.	1011.	2507.	1025.	10150.	9950.	9988.
#2	2393.	1002.	2500.	1027.	10080.	9870.	9987.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avg	5040.	5153.					
SDev	41.	7.					
%RSD	.8165	.1349					
#1	5069.	5158.					
#2	5011.	5148.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1063	--	--	--	--	--	--
SDev	5.134379	--	--	--	--	--	--
%RSD	.4830590	--	--	--	--	--	--
#1	1059	--	--	--	--	--	--
#2	1067	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
Run Time: 07/08/11 01:28:08
Comment:

Operator:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.67	.6712	-1.322	-.8134	-.3478	-.2822	-9.726
SDev	3.64	1.556	3.766	.0000	.0219	.0391	.212
%RSD	20.57	231.7	284.9	.0030	6.298	13.86	2.179

#1	20.24	-.4287	1.341	-.8134	-.3633	-.2545	-9.576
#2	15.10	1.771	-3.985	-.8134	-.3323	-.3098	-9.875

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1678	-.4465	.2838	1.049	9.456	-.2512	-.7563
SDev	.2964	.2332	.6499	6.383	3.842	.0803	.3216
%RSD	176.6	52.22	229.0	608.3	40.63	31.95	42.52

#1	.0418	-.2816	-.1757	-3.464	12.17	-.3080	-.5289
#2	-.3774	-.6114	.7433	5.563	6.740	-.1945	-.9838

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-136.8	1.564	-.2253	2.791	172.4	.5218	.7694
SDev	.9	.415	.0904	2.908	56.3	2.058	.3359
%RSD	.6684	26.56	40.12	104.2	32.64	394.5	43.65

#1	-136.1	1.270	-.2892	.7346	132.6	1.977	.5319
#2	-137.4	1.857	-.1614	4.848	212.2	-.9338	1.007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8987	.9778	2.081	.4794	-.2263	-2.678	.9953
SDev	.5333	.2780	1.523	1.314	.0823	1.589	.6579
%RSD	59.34	28.43	73.16	274.0	36.36	59.33	66.10

#1	-.5216	1.174	3.158	1.408	-.2845	-3.802	1.460	••Analysis Report

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#2	-1.276	.7812	1.005	-.4495	-.1682	-1.555	.5301

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.510	5.428
SDev	6.168	1.281
%RSD	245.8	23.60

#1	-6.871	4.522
#2	1.852	6.334

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1092	--	--	--	--	--	--
SDev	.1124707	--	--	--	--	--	--
%RSD	.0103036	--	--	--	--	--	--

#1	1092	--	--	--	--	--	--

#2 1091 -- -- -- 79065v1 -- --

 Method: SW846 Sample Name: 460-28327-D-5-B Operator:
 Run Time: 07/08/11 01:34:17
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	••Analysis Report
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Avge	122.4	1.164	.0220	131.2	-.3458	-.3140	77130.
SDev	5.6	.285	1.964	.2	.0368	.0080	25.
%RSD	4.545	24.49	8930.	.1722	10.65	2.540	.0326

#1	118.5	.9624	1.410	131.1	-.3718	-.3197	77110.
#2	126.3	1.365	-1.366	131.4	-.3198	-.3084	77140.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5729	.5752	6.962	634.4	16300.	523.8	3.016
SDev	.0034	.3116	.102	1.3	2.	.0	.113
%RSD	.5957	54.17	1.471	.2049	.0107	.0003	3.754

#1	-.5704	.3549	6.890	635.3	16300.	523.8	3.096
#2	-.5753	.7955	7.035	633.5	16300.	523.8	2.936

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3014.	1.996	-.7973	.5159	100900.	.9781	1.885
SDev	10.	.020	.0151	1.712	21.	.2470	.001
%RSD	.3186	1.024	1.896	331.8	.0204	25.25	.0786

#1	3020.	2.011	-.8080	1.726	100900.	.8034	1.887
#2	3007.	1.982	-.7867	-.6945	100900.	1.153	1.884

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.071	66.75	2.012	.8639	2.362	-3.691	.6434
SDev	.379	1.04	.207	.7611	.058	1.319	.6358
%RSD	6.249	1.552	10.29	88.11	2.475	35.73	98.83

#1	6.339	66.02	1.866	1.402	2.404	-4.624	1.093
#2	5.803	67.48	2.159	.3257	2.321	-2.759	.1938

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.702	3.111					
SDev	.705	2.215					
%RSD	14.98	71.18					

#1	-4.204	4.677	••Analysis Report			07/08/11 01:40:22 AM	page
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#2	-5.200	1.545					

Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	79065v1 NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	2.248637	--	--	--	--	--	--
%RSD	.2070525	--	--	--	--	--	--
#1	1084	--	--	--	--	--	--
#2	1088	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1052686 Operator:

Run Time: 07/08/11 01:40:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128000.	1036.	5152.	10060.	1028.	2496.	127200.
SDev	128.	8.	14.	15.	3.	19.	424.
%RSD	.0999	.7800	.2701	.1456	.2608	.7732	.3332

#1	127900.	1031.	5142.	10070.	1026.	2483.	126900.
#2	128100.	1042.	5162.	10040.	1030.	2510.	127500.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5072.	2552.	12550.	102400.	126600.	5029.	2508.

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SDev	15.	6.	6.	189.	168.	13.	17.
%RSD	.2920	.2213	.0457	.1850	.1324	.2532	.6581

#1	5062.	2548.	12540.	102300.	126500.	5020.	2497.
#2	5083.	2556.	12550.	102500.	126800.	5038.	2520.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53190.	1281.	9997.	5141.	130300.	5068.	2503.
SDev	539.	2.	75.	27.	185.	35.	6.
%RSD	1.014	.1521	.7530	.5231	.1422	.6849	.2347

#1	52810.	1279.	9944.	5122.	130200.	5044.	2499.
#2	53570.	1282.	10050.	5160.	130400.	5093.	2508.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2417.	1006.	2511.	1033.	10140.	9948.	10020.
SDev	16.	7.	20.	3.	10.	70.	78.
%RSD	.6472	.6844	.7768	.2983	.0986	.7080	.7753

#1	2406.	1001.	2498.	1031.	10130.	9898.	9967.
#2	2428.	1011.	2525.	1035.	10150.	9998.	10080.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5059.	5182.
SDev	19.	31.
%RSD	.3803	.5928

#1	5046.	5160.
#2	5073.	5204.

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1076	--	--	--	--	--	--
SDev	4.871976	--	--	--	--	--	--
%RSD	.4526719	--	--	--	--	--	--

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#1	1080	--	--	--	--	--	--
#2	1073	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 07/08/11 01:46:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.79	1.851	1.713	-.8700	-.3465	-.4696	-10.14
SDev	4.22	1.528	1.073	.0833	.0045	.0138	.43
%RSD	25.12	82.53	62.65	9.570	1.304	2.934	4.199

#1	13.80	2.931	2.471	-.9289	-.3497	-.4793	-10.44
#2	19.77	.7708	.9540	-.8111	-.3433	-.4598	-9.837

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0353	-.4410	.2356	16.61	13.86	-.2534	-1.170
SDev	.1677	.3827	.1028	.62	.85	.0785	.240
%RSD	475.7	86.79	43.64	3.718	6.108	30.98	20.54

#1	.0833	-.1704	.1629	16.17	13.26	-.3090	-1.340
#2	-.1539	-.7117	.3083	17.05	14.46	-.1979	-1.000

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-143.8	1.279	-.1759	.8038	177.9	-.2742	.9129

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SDev	7.1	.261	.3405	4.443	60.3	1.6764	.1421
%RSD	4.944	20.43	193.6	552.8	33.89	611.4	15.57

#1	-138.7	1.095	-.4167	-2.338	135.3	-1.460	.8124
#2	-148.8	1.464	.0648	3.945	220.5	.9112	1.013

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.631	.8197	2.119	-.7056	-.1230	-.6396	.0515
SDev	.011	.8276	1.005	.0801	.0511	.2932	.6569
%RSD	.6916	101.0	47.41	11.35	41.51	45.85	1276.

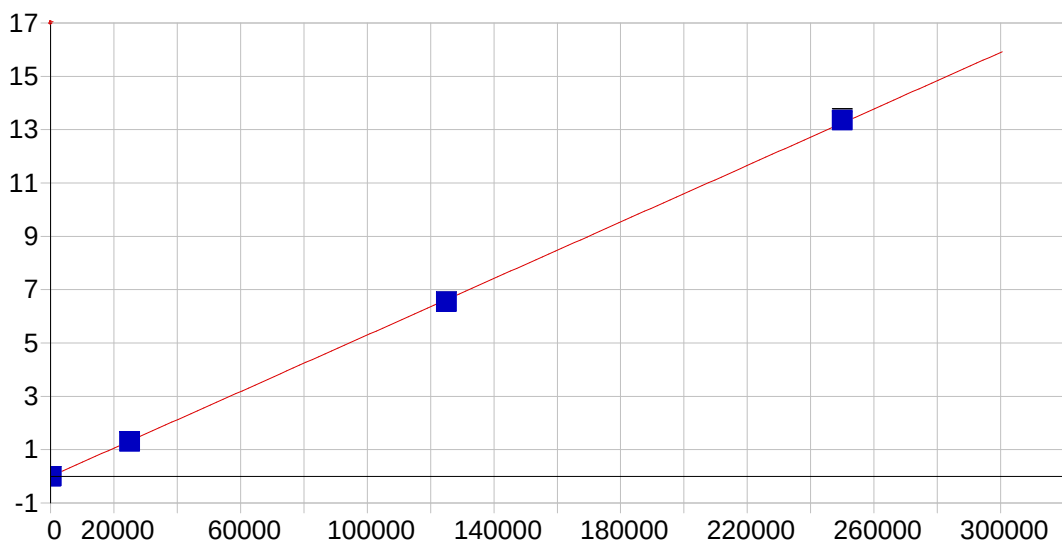
#1	-1.623	1.405	1.408	-.7623	-.0869	-.4322	-.4130
#2	-1.639	.2345	2.829	-.6490	-.1592	-.8469	.5159

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

79065v1

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.694	3.539
SDev	3.684	4.822
%RSD	78.49	136.2
#1	-7.299	.1296
#2	-2.089	6.948
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1099	--	--	--	--	--	--
SDev	4.197411	--	--	--	--	--	--
%RSD	.3818536	--	--	--	--	--	--
#1	1096	--	--	--	--	--	--
#2	1102	--	--	--	--	--	--



AI 396.152 { 85}

Date of Fit: 7/3/2011 10:19:20

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000457

Re-Slope: 1.000000

A1 (Gain): 0.000053

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999948

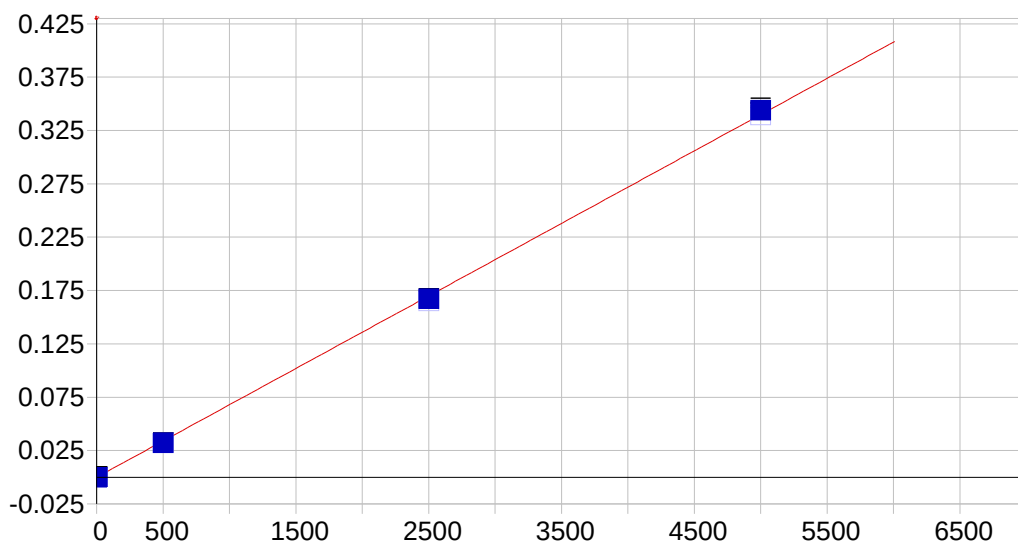
Status: OK.

Std Error of Est: 0.000197

Predicted MDL: 11.236573

Predicted MQL: 37.455243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00884	-.009	.000	-.00046	.000	1
DCAL1	200.00	213.06	13.1	6.53	.01088	.001	1
DCAL2	25000.	24586.	-414.	-1.65	1.3035	.002	1
DCAL3	125000.	123470.	-1530.	-1.23	6.5477	.010	1
DCAL4	250000.	251940.	1940.	.774	13.361	.053	1



As 189.042 {478}

Date of Fit: 7/3/2011 10:19:20

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000071

Re-Slope: 1.000000

A1 (Gain): 0.000068

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999847

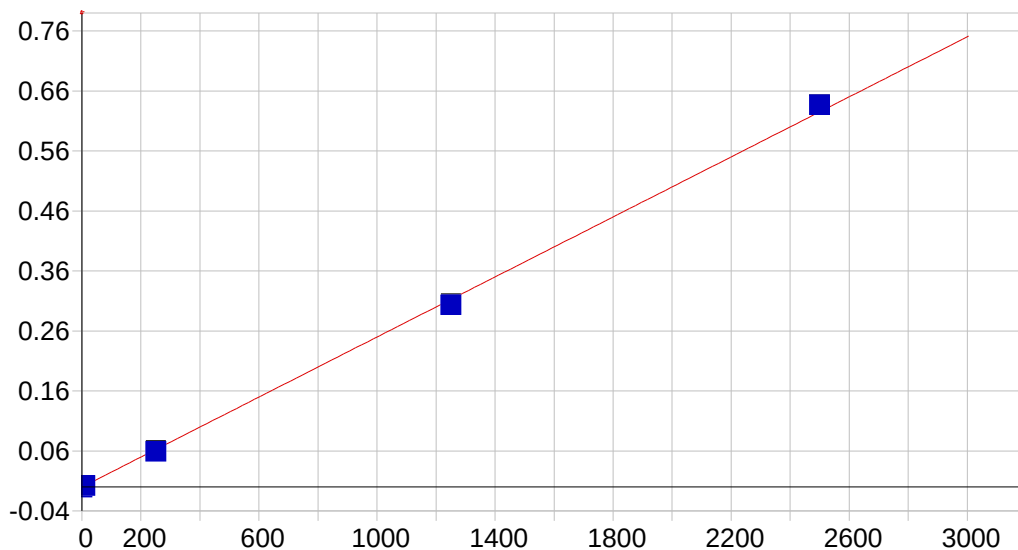
Status: OK.

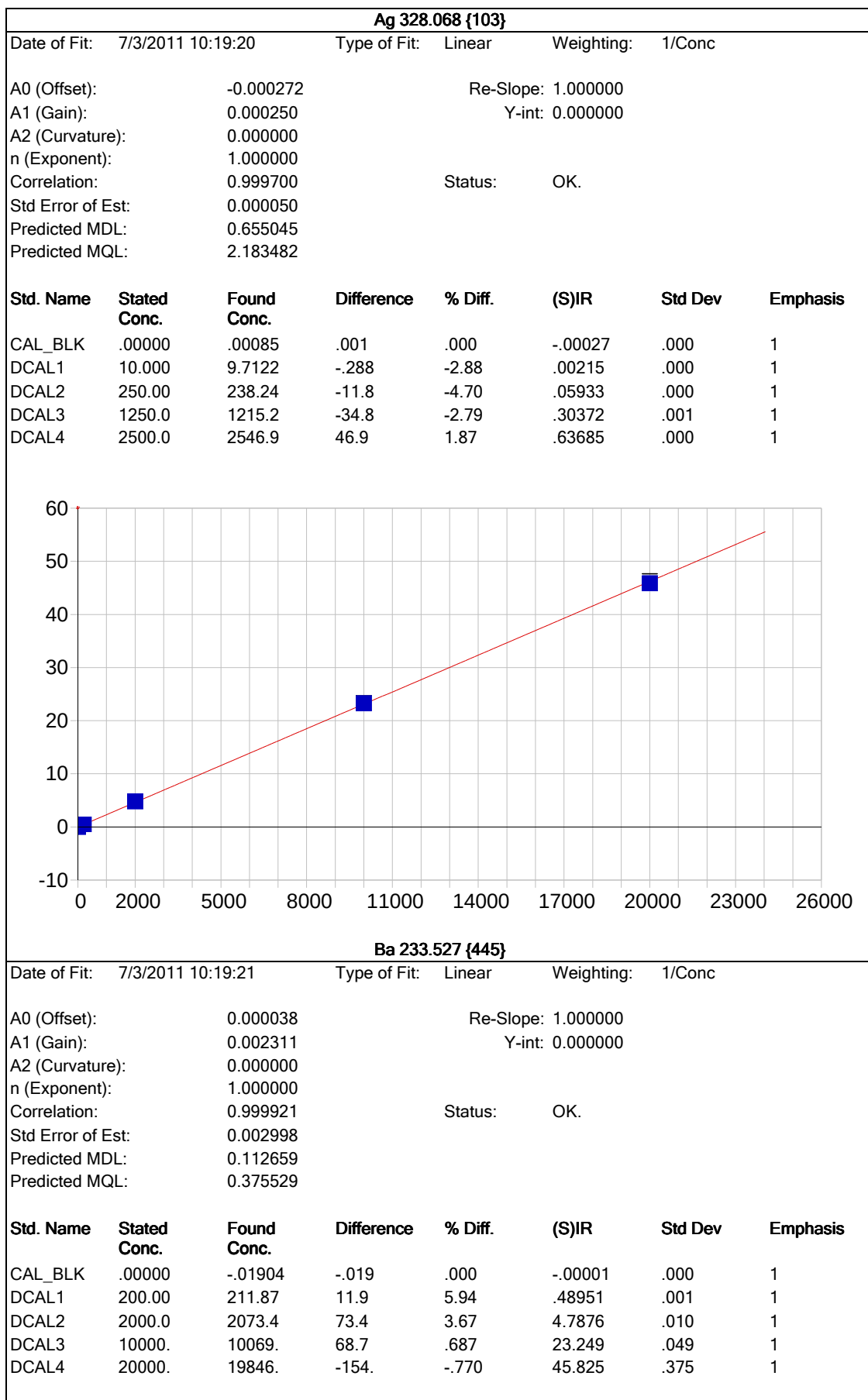
Std Error of Est: 0.000010

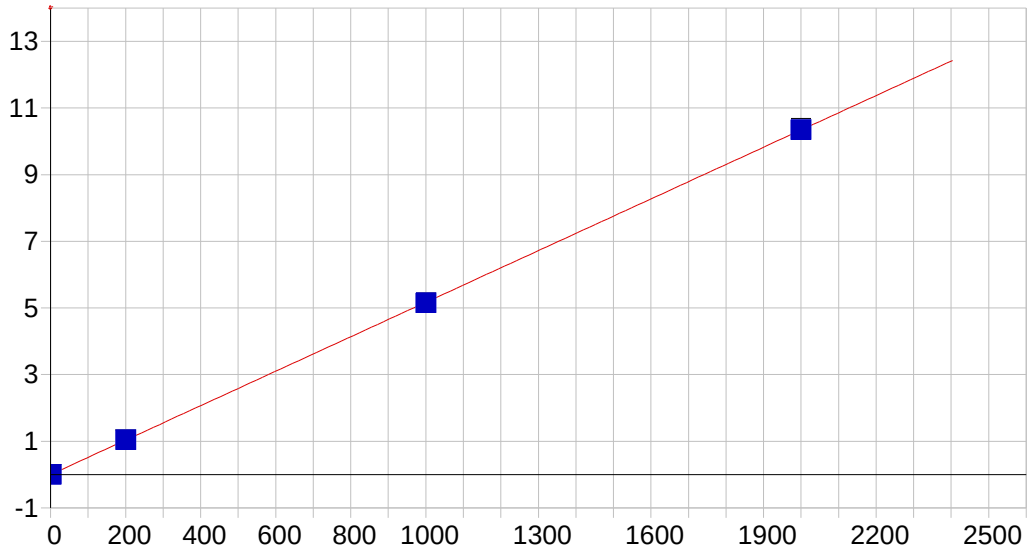
Predicted MDL: 1.897198

Predicted MQL: 6.323994

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00079	-.001	.000	-.00007	.000	1
DCAL1	5.0000	6.0273	1.03	20.5	.00034	.000	1
DCAL2	500.00	478.07	-21.9	-4.39	.03199	.000	1
DCAL3	2500.0	2463.0	-37.0	-1.48	.16518	.000	1
DCAL4	5000.0	5057.9	57.9	1.16	.33940	.002	1





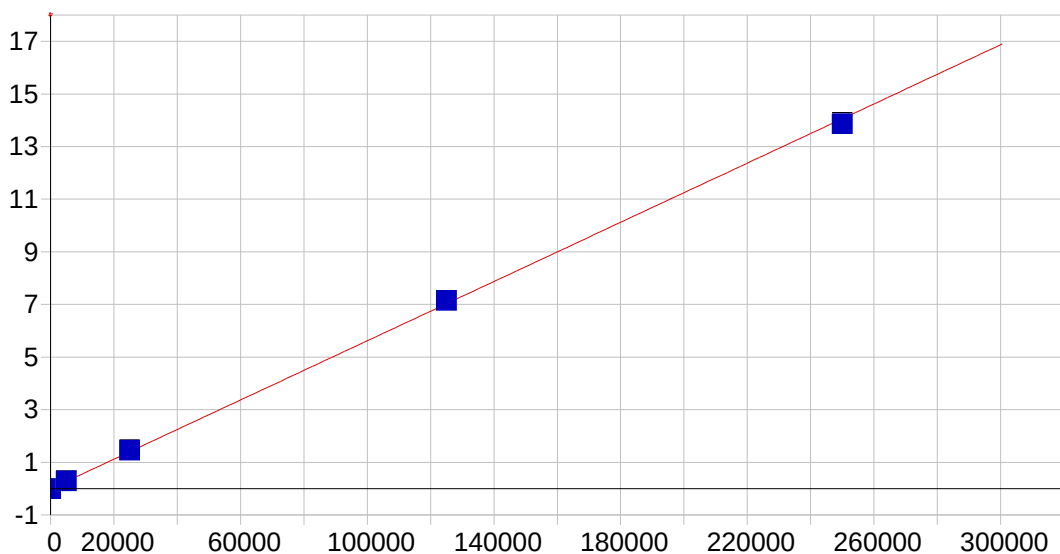


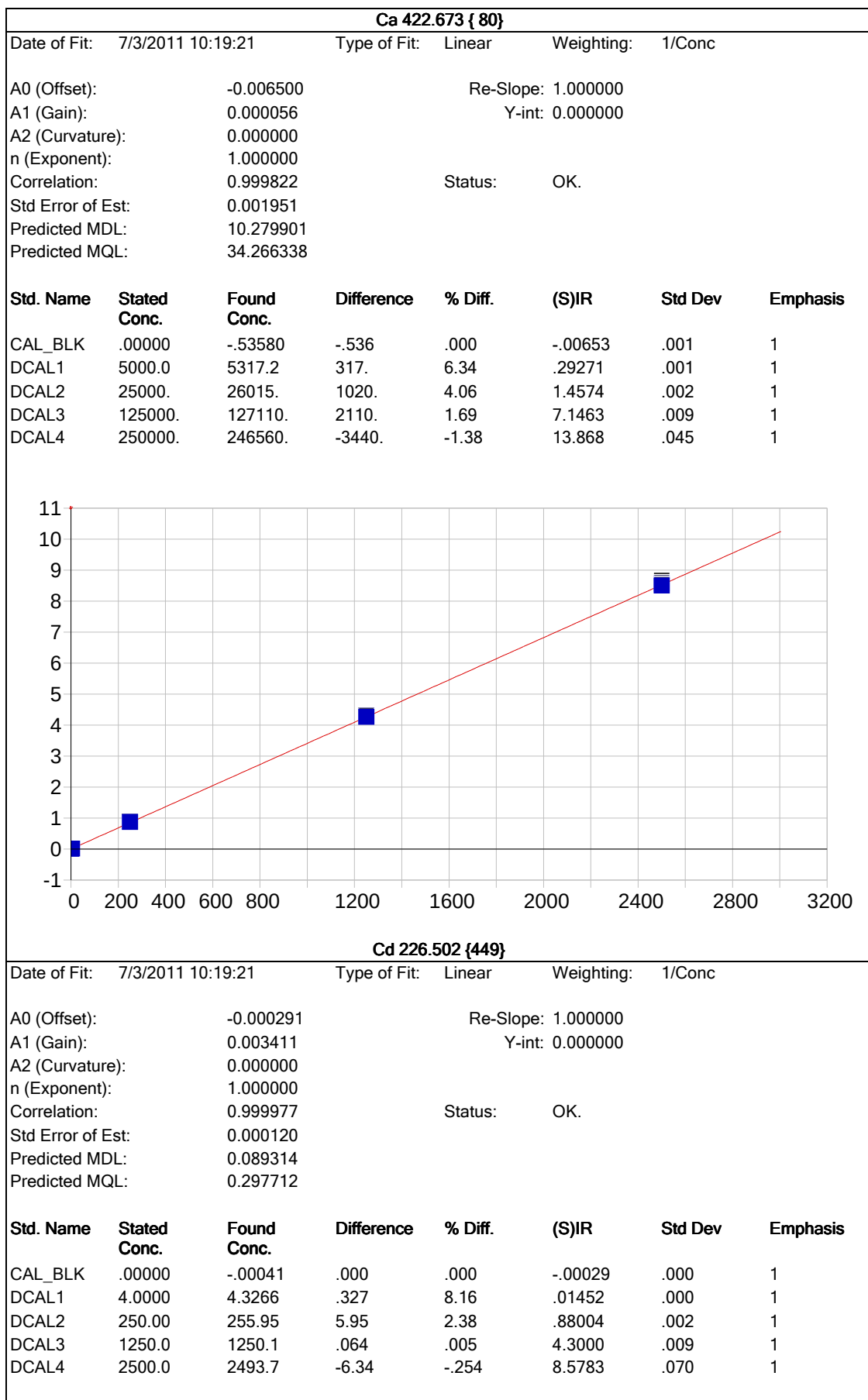
Be 313.042 {108}

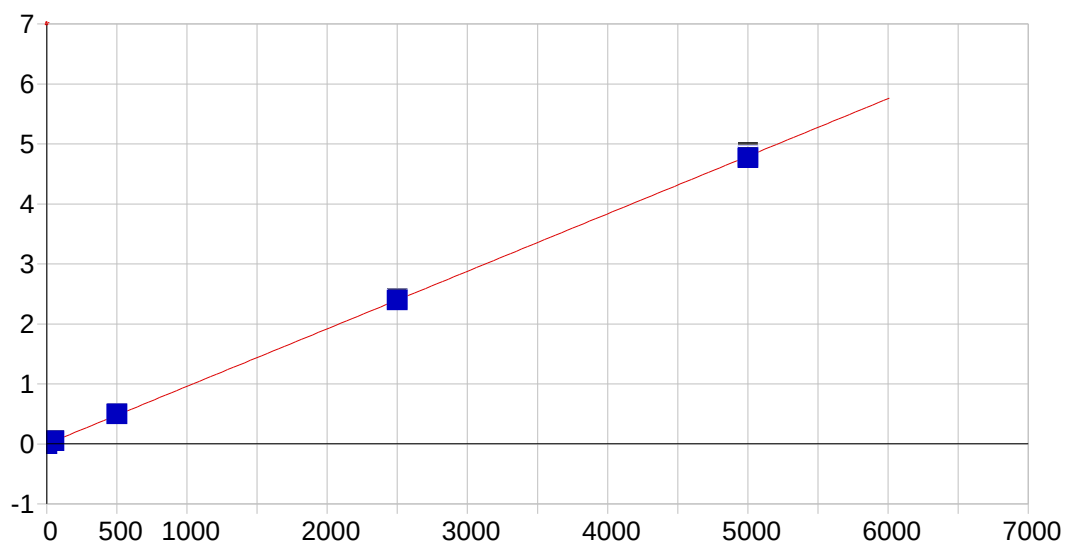
Date of Fit: 7/3/2011 10:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000237 Re-Slope: 1.000000
 A1 (Gain): 0.005171 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.084264
 Predicted MQL: 0.280879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00006	.000	.000	-.00024	.000	1
DCAL1	2.0000	2.0421	.042	2.11	.01035	.000	1
DCAL2	200.00	201.85	1.85	.926	1.0444	.003	1
DCAL3	1000.0	996.99	-3.01	-.301	5.1597	.003	1
DCAL4	2000.0	2001.1	1.11	.056	10.357	.034	1







Co 228.616 {447}

Date of Fit: 7/3/2011 10:19:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000250

Re-Slope: 1.000000

A1 (Gain): 0.000959

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999930

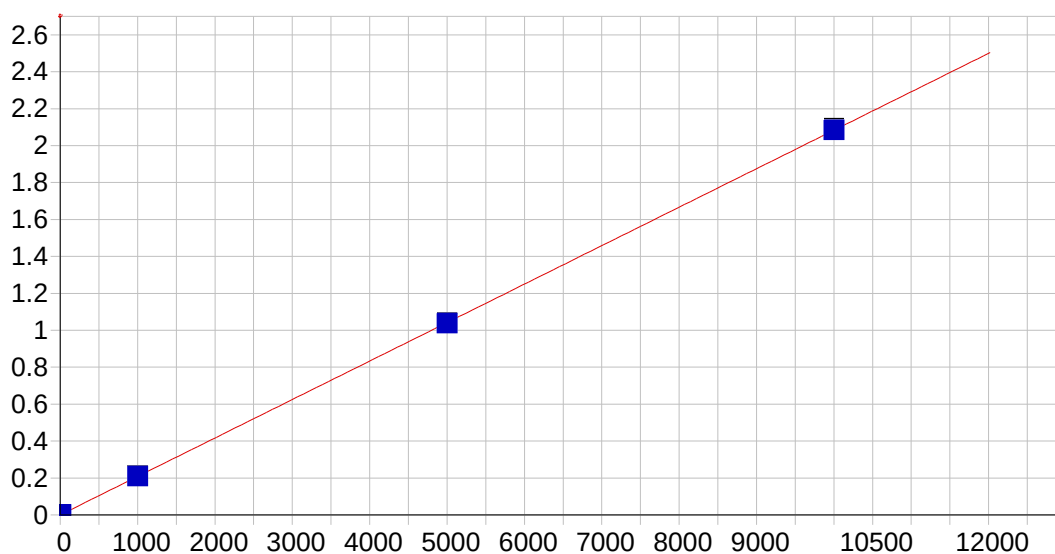
Status: OK.

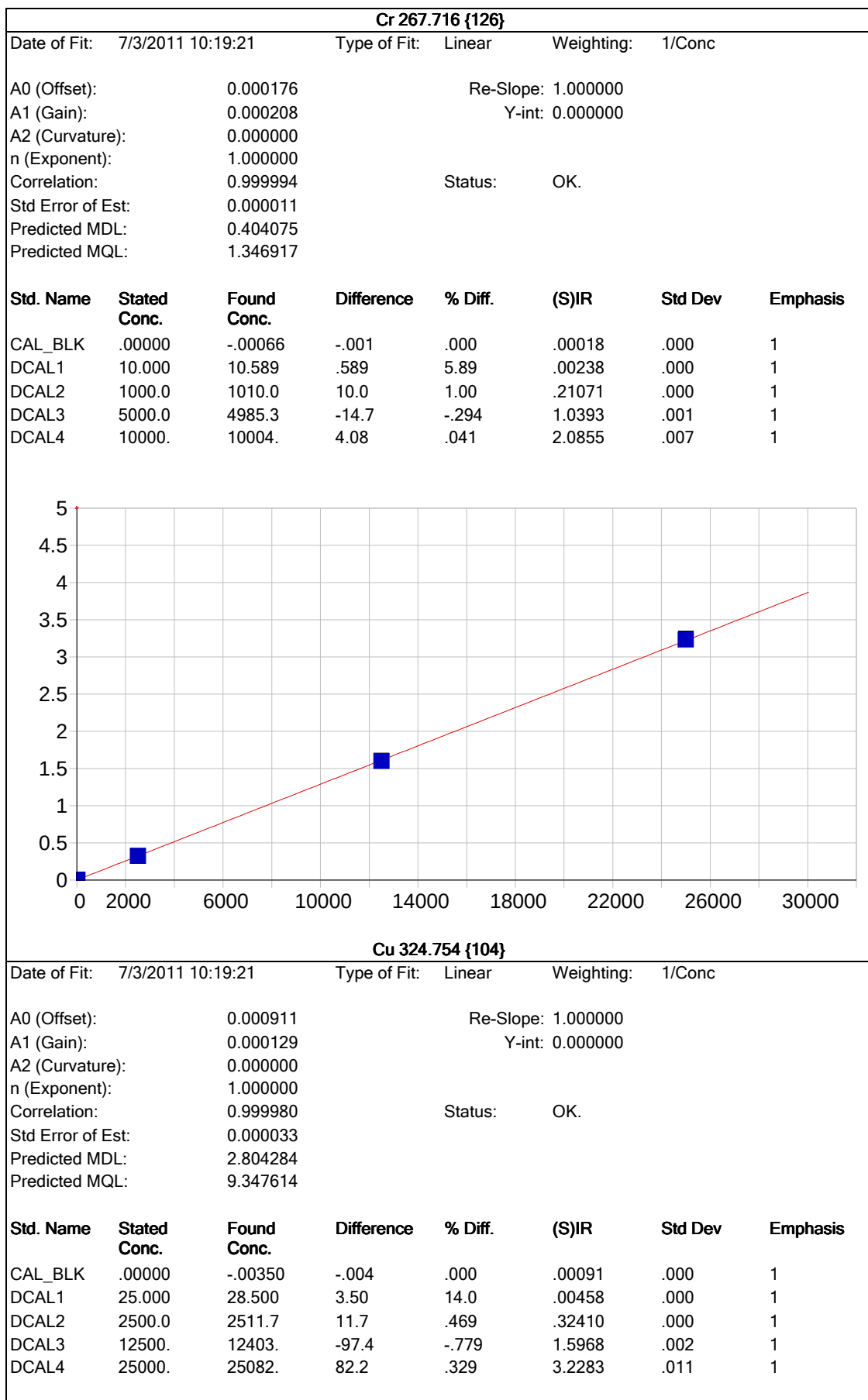
Std Error of Est: 0.000296

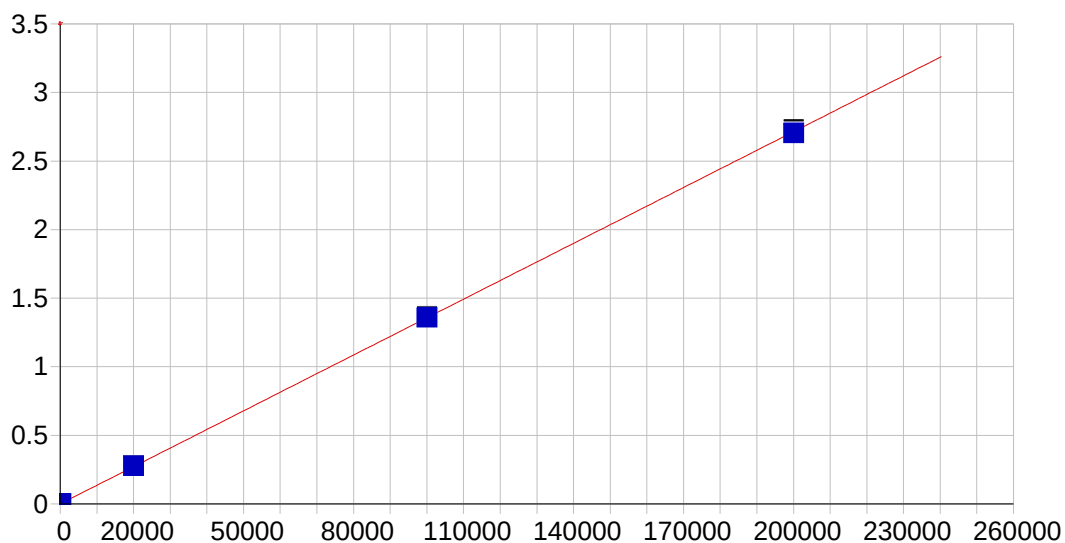
Predicted MDL: 0.266855

Predicted MQL: 0.889517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00538	-.005	.000	-.00026	.000	1
DCAL1	50.000	53.658	3.66	7.32	.05120	.000	1
DCAL2	500.00	519.21	19.2	3.84	.50158	.001	1
DCAL3	2500.0	2502.8	2.80	.112	2.4194	.007	1
DCAL4	5000.0	4974.4	-25.6	-.513	4.8092	.043	1





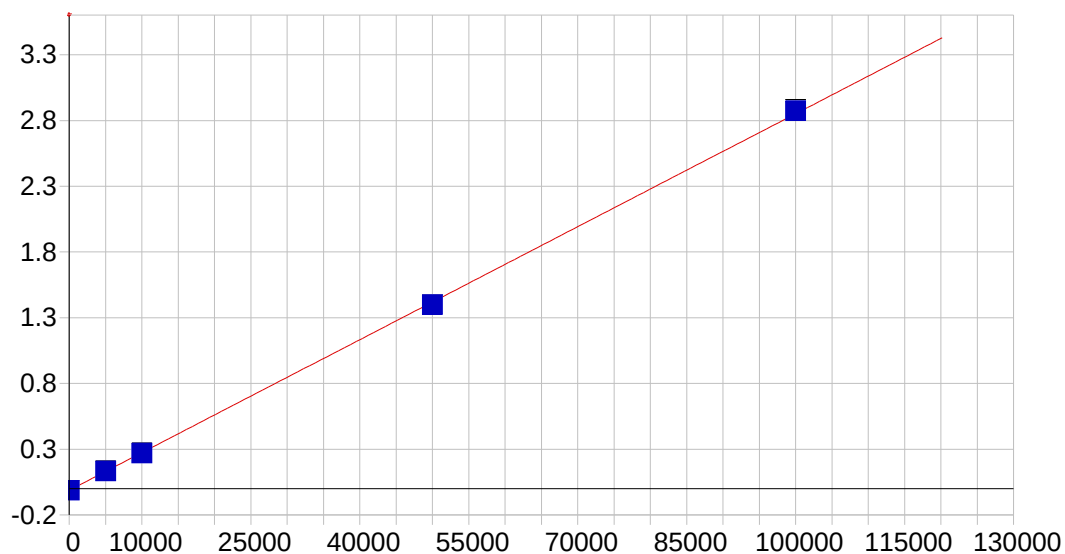


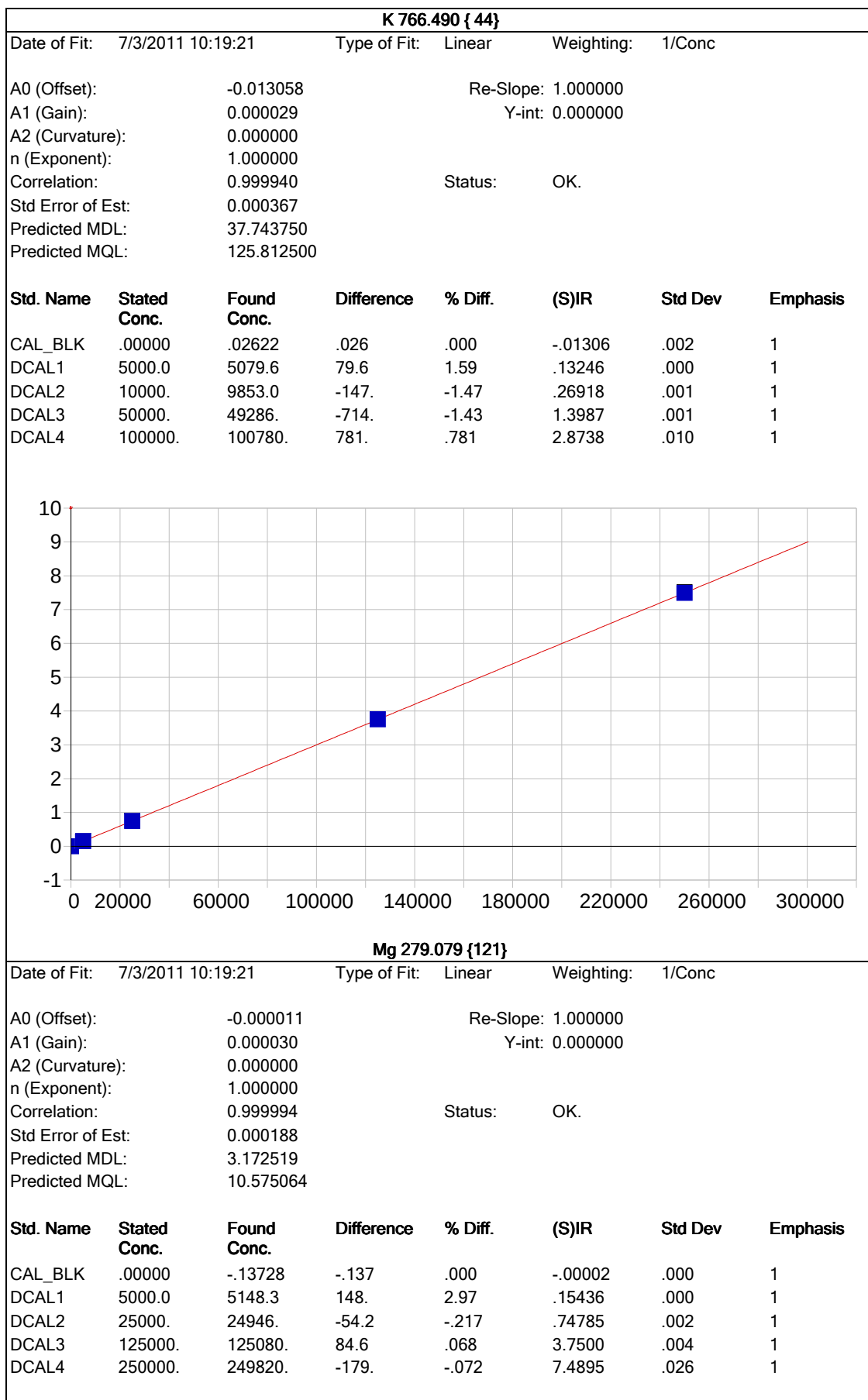
Fe 271.441 {124}

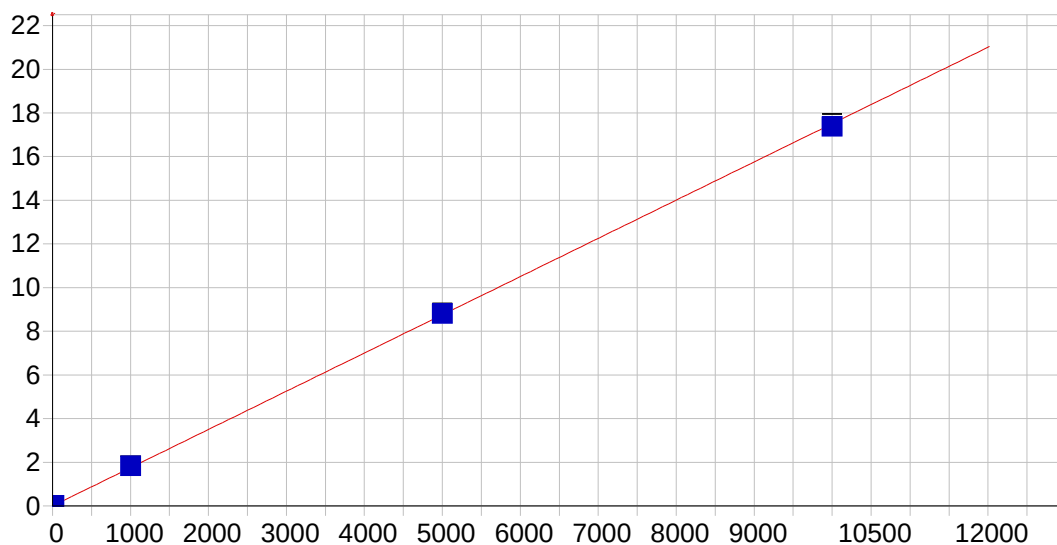
Date of Fit: 7/3/2011 10:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000116 Re-Slope: 1.000000
 A1 (Gain): 0.000014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 7.436334
 Predicted MQL: 24.787778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01375	-.014	.000	.00012	.000	1
DCAL1	150.00	160.54	10.5	7.03	.00236	.000	1
DCAL2	20000.	20455.	455.	2.28	.27836	.001	1
DCAL3	100000.	100200.	195.	.195	1.3631	.004	1
DCAL4	200000.	199340.	-661.	-.331	2.7118	.016	1





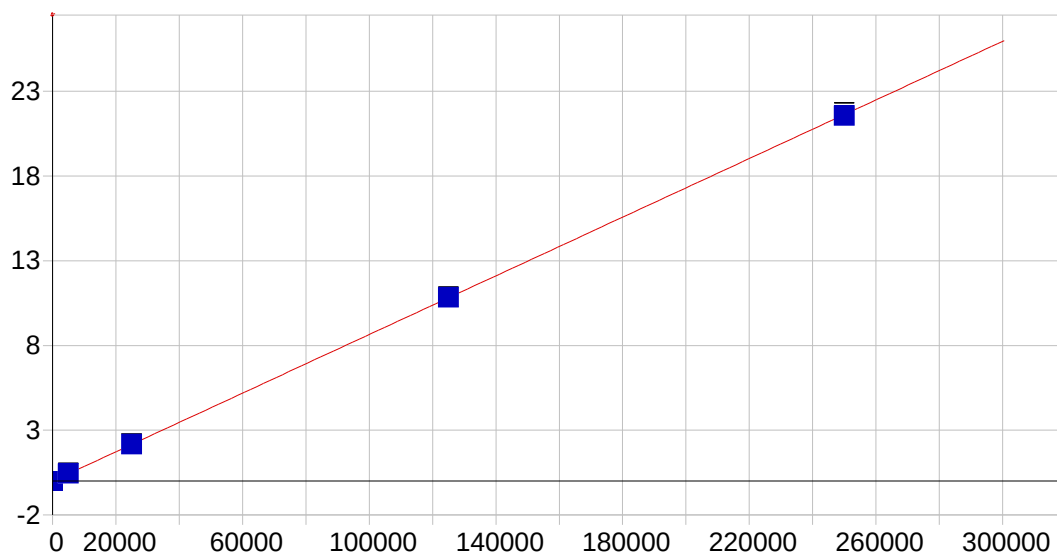


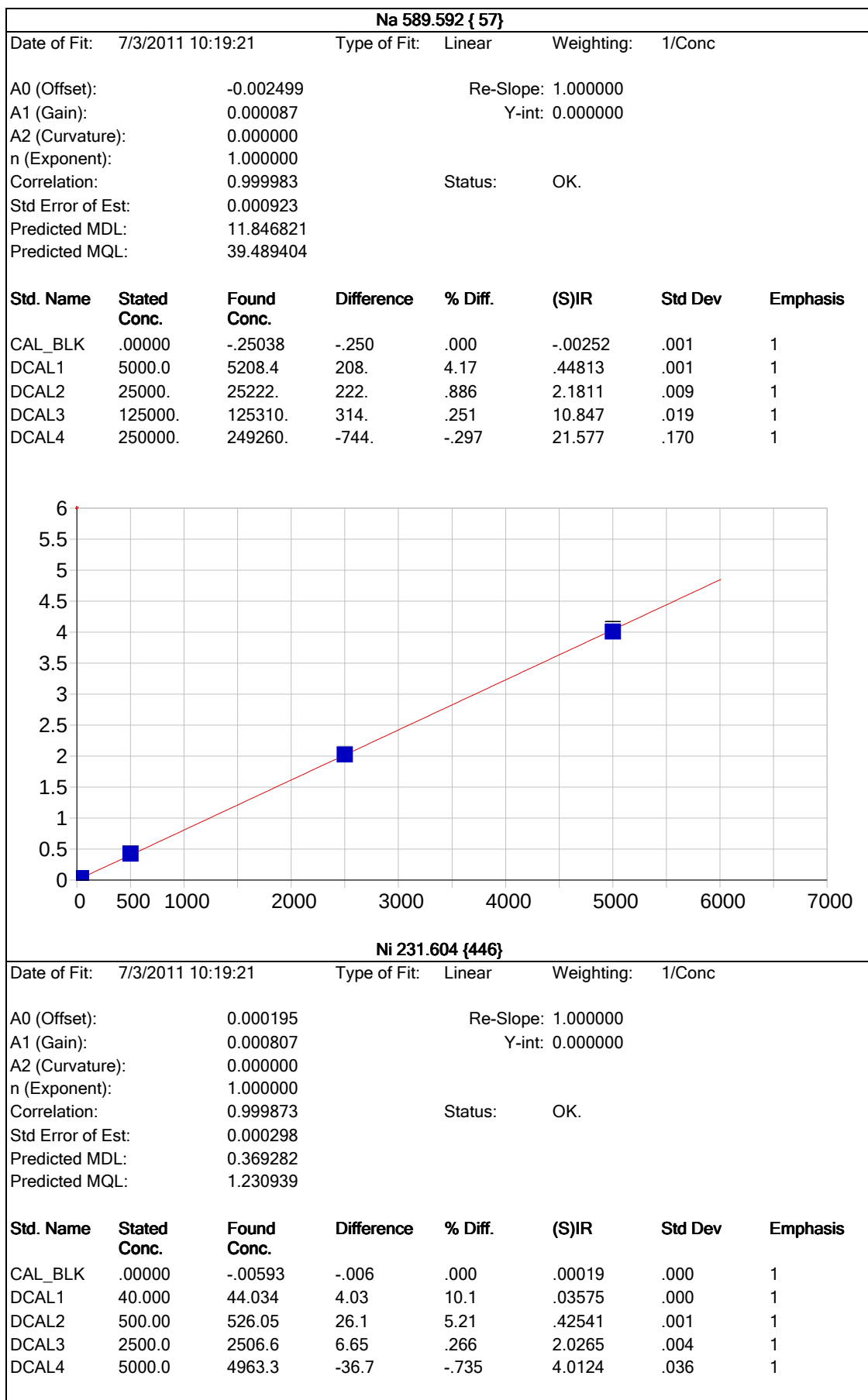
Mn 257.610 {131}

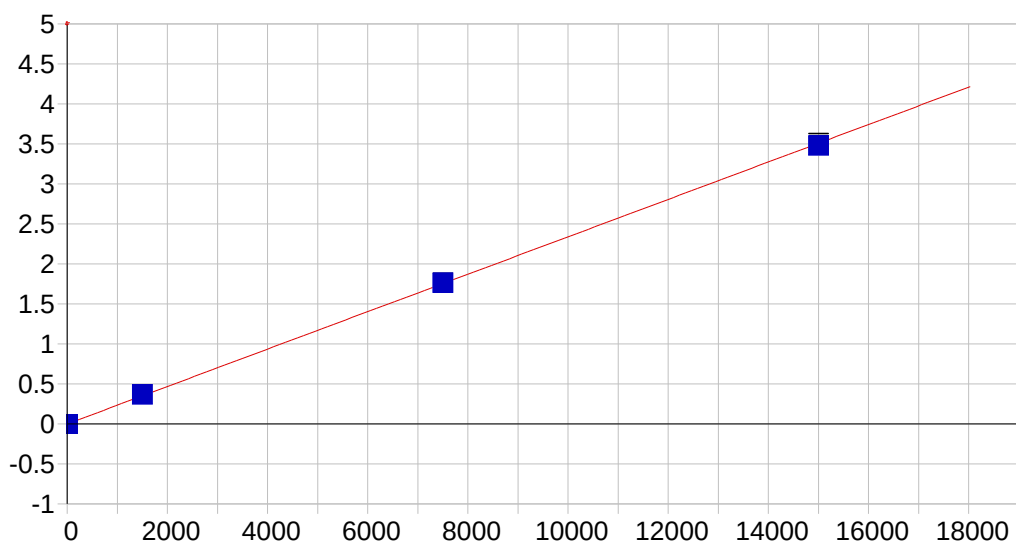
Date of Fit: 7/3/2011 10:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.001751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000455
 Predicted MDL: 0.059505
 Predicted MQL: 0.198350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00199	-.002	.000	.00015	.000	1
DCAL1	15.000	16.361	1.36	9.07	.02884	.000	1
DCAL2	1000.0	1043.2	43.2	4.32	1.8266	.004	1
DCAL3	5000.0	5029.3	29.3	.585	8.8057	.017	1
DCAL4	10000.	9926.2	-73.8	-.738	17.380	.116	1







Pb 220.353 {453}

Date of Fit: 7/3/2011 10:19:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000040

Re-Slope: 1.000000

A1 (Gain): 0.000234

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999875

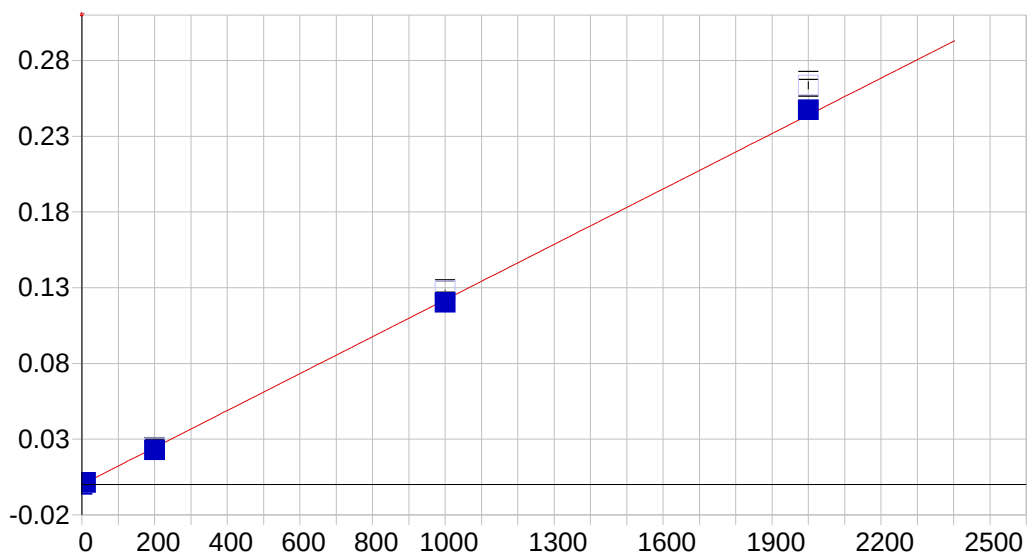
Status: OK.

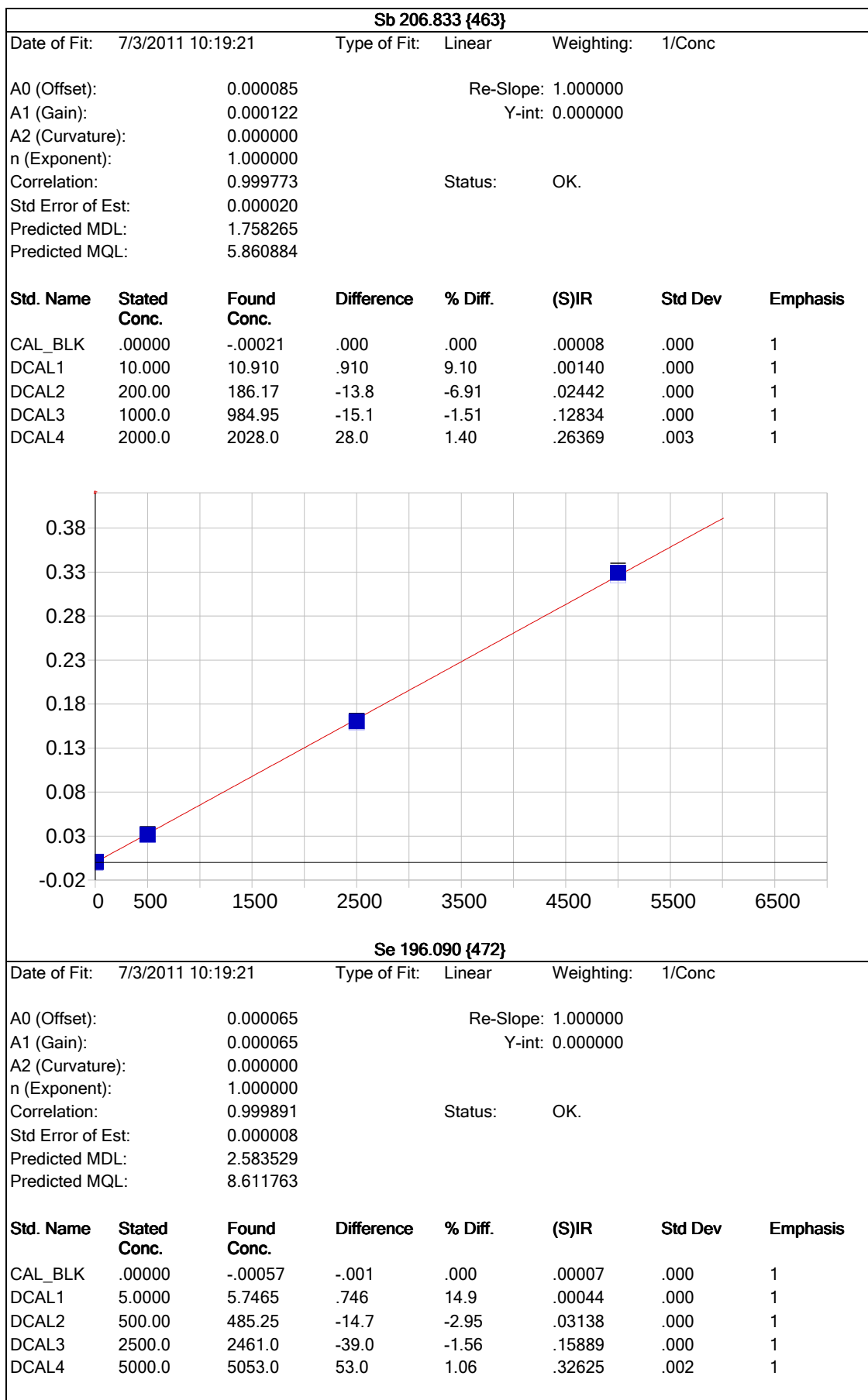
Std Error of Est: 0.000052

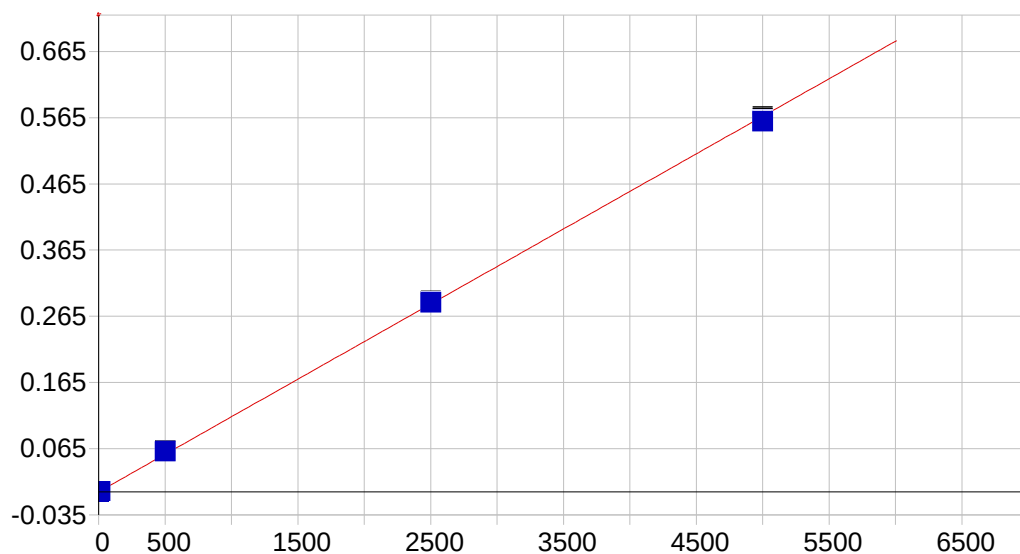
Predicted MDL: 1.242658

Predicted MQL: 4.142192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00227	-.002	.000	-.00004	.000	1
DCAL1	5.0000	7.0227	2.02	40.5	.00160	.000	1
DCAL2	1500.0	1577.7	77.7	5.18	.36876	.001	1
DCAL3	7500.0	7539.3	39.3	.524	1.7623	.005	1
DCAL4	15000.	14881.	-119.	-.794	3.4784	.027	1







TI 190.856 {477}

Date of Fit: 7/3/2011 10:19:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000186

Re-Slope: 1.000000

A1 (Gain): 0.000113

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999699

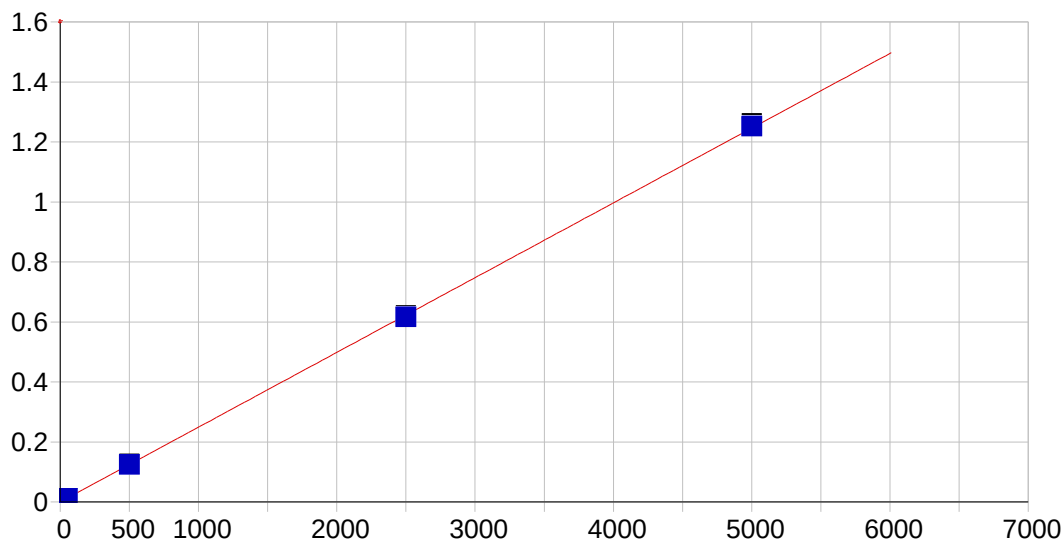
Status: OK.

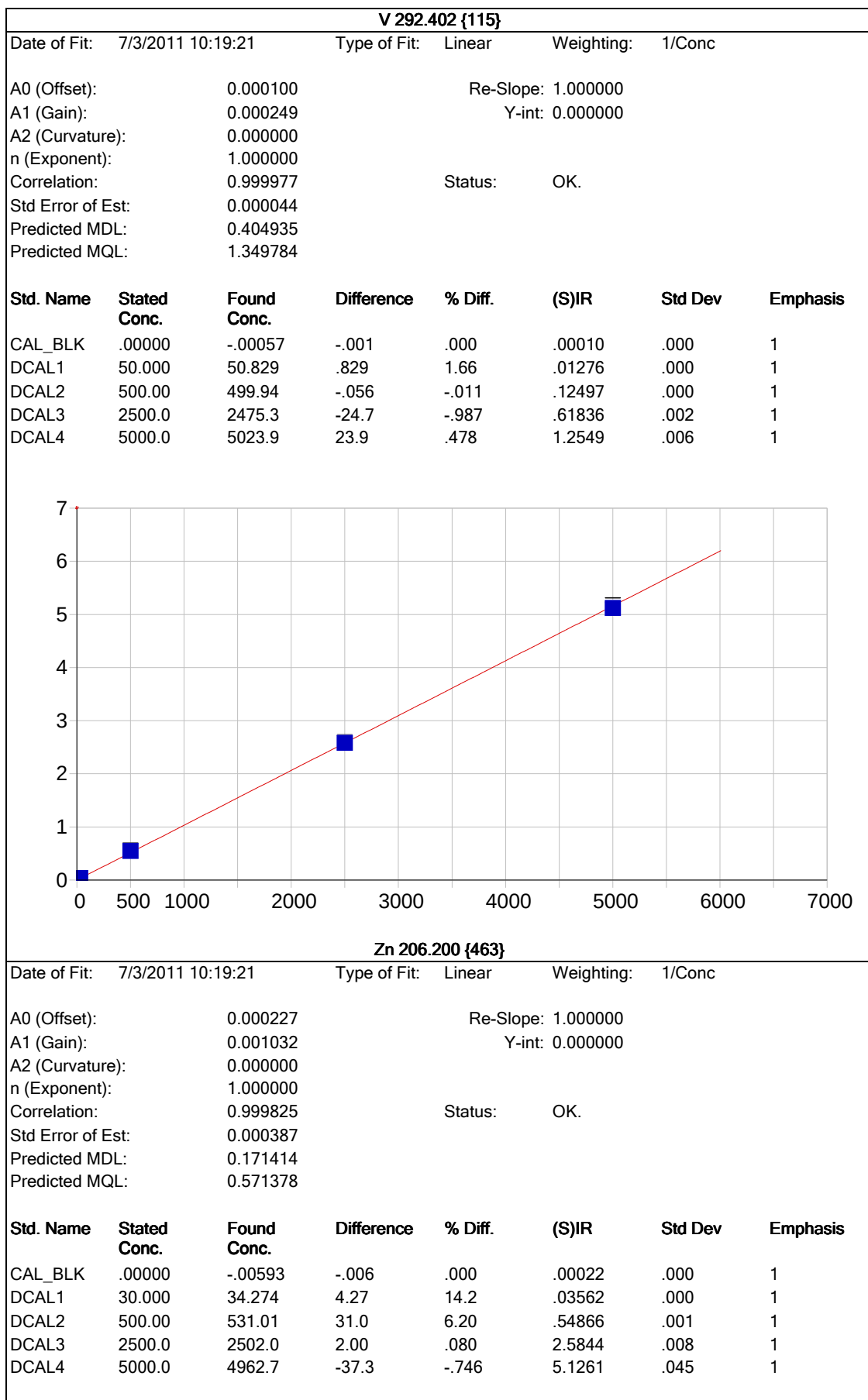
Std Error of Est: 0.000032

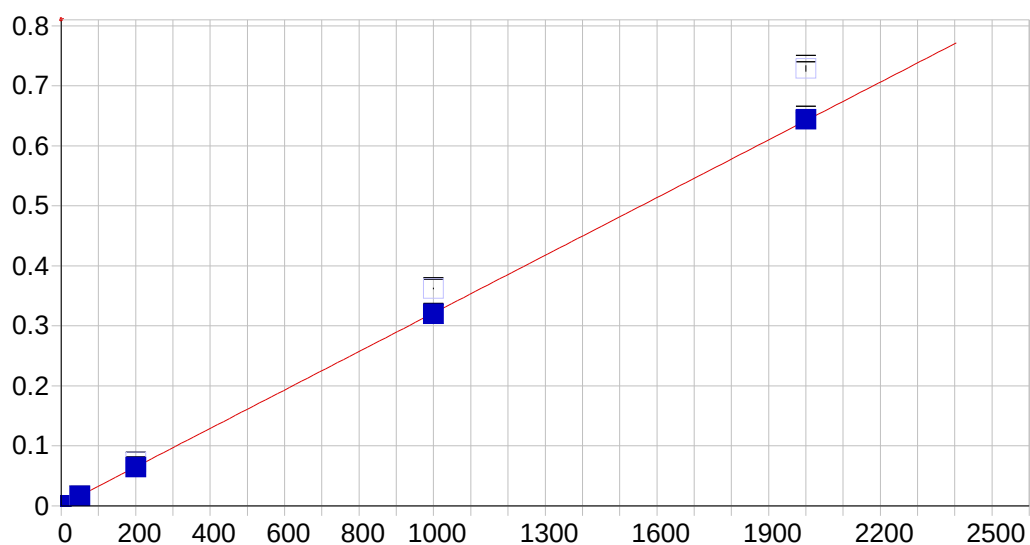
Predicted MDL: 1.583803

Predicted MQL: 5.279344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00164	-.002	.000	-.00019	.000	1
DCAL1	10.000	10.824	.824	8.24	.00105	.000	1
DCAL2	500.00	542.92	42.9	8.58	.06164	.000	1
DCAL3	2500.0	2523.1	23.1	.923	.28724	.001	1
DCAL4	5000.0	4933.2	-66.8	-1.34	.56185	.004	1







B 208.959 {461}

Date of Fit: 7/3/2011 10:19:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000841

Re-Slope: 1.000000

A1 (Gain): 0.000321

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999992

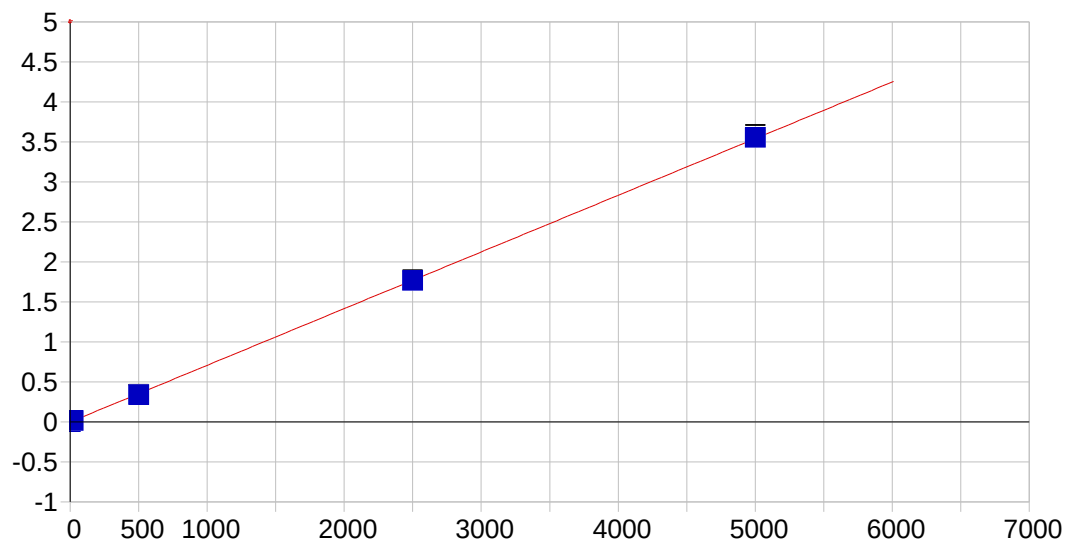
Status: OK.

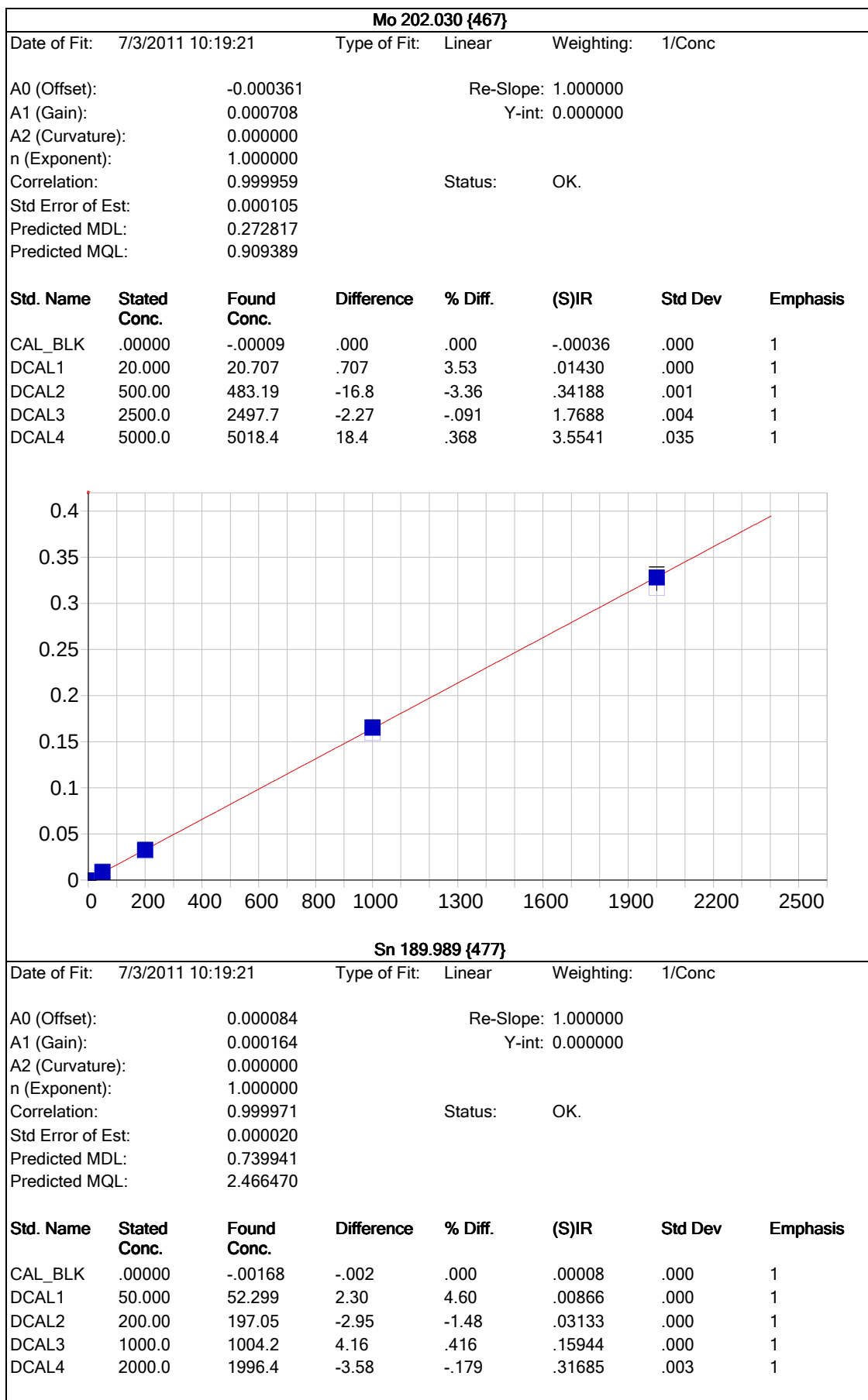
Std Error of Est: 0.000024

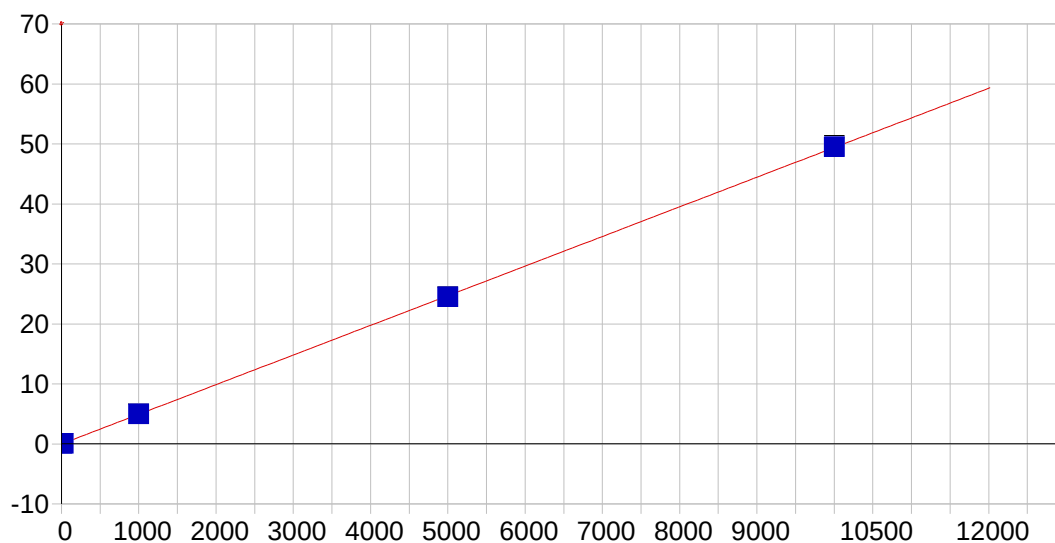
Predicted MDL: 0.615975

Predicted MQL: 2.053251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00111	.001	.000	.00084	.000	1
DCAL1	50.000	49.389	-.611	-1.22	.01701	.000	1
DCAL2	200.00	198.20	-1.80	-.899	.07285	.000	1
DCAL3	1000.0	995.55	-4.45	-.445	.36237	.001	1
DCAL4	2000.0	2006.8	6.80	.340	.72892	.005	1





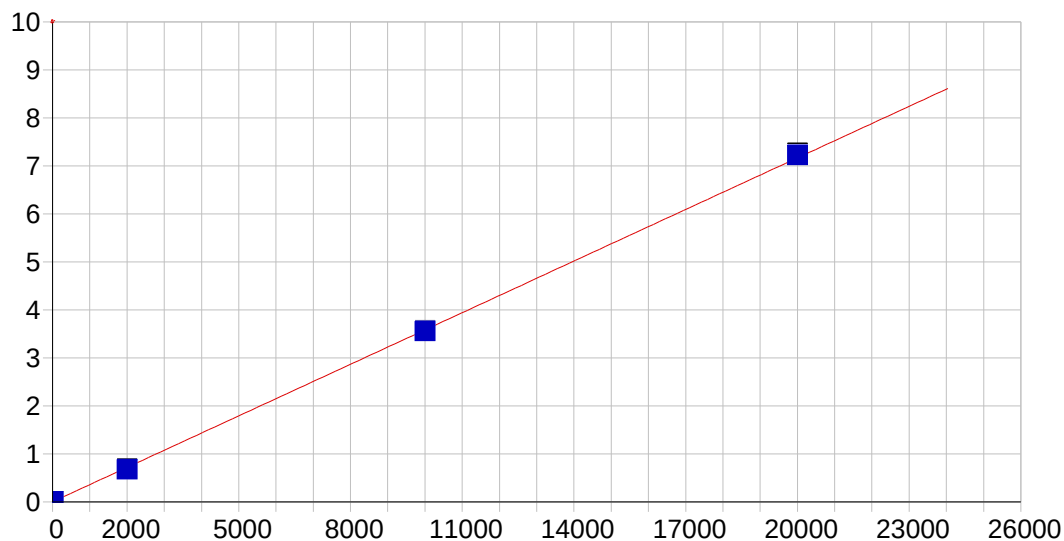


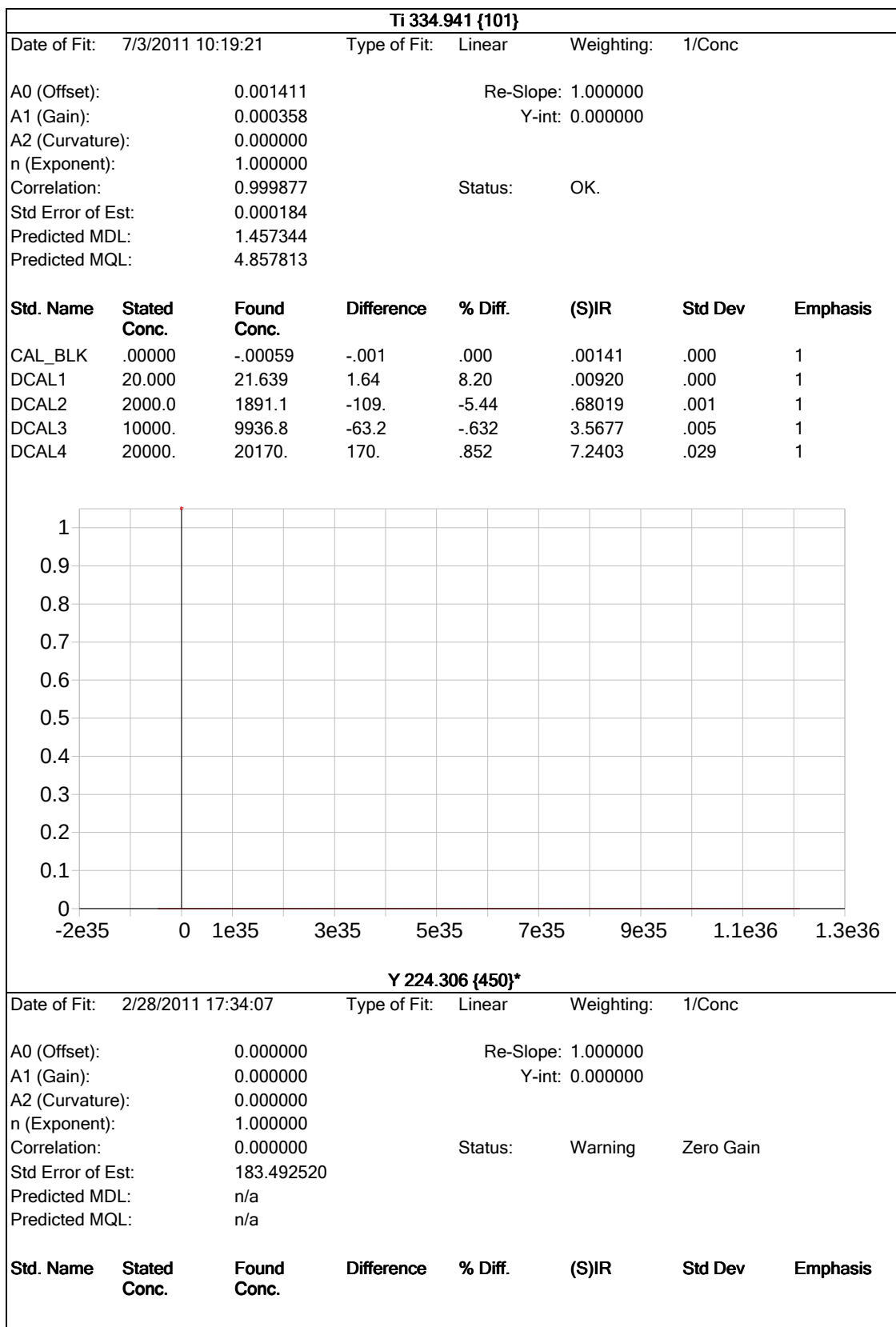
Sr 407.771 { 83}

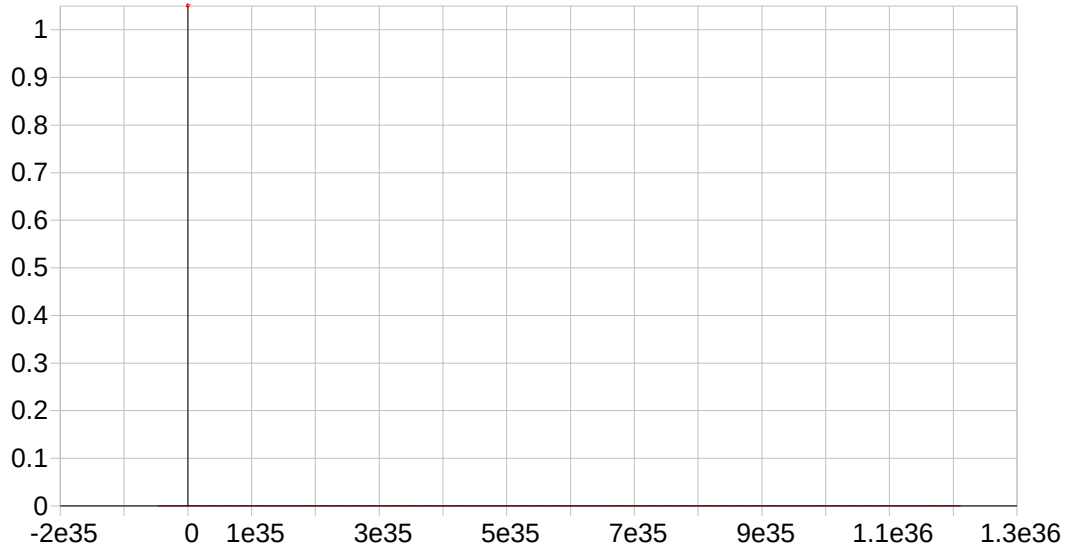
Date of Fit: 7/3/2011 10:19:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001890 Re-Slope: 1.000000
 A1 (Gain): 0.004939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000733
 Predicted MDL: 0.105623
 Predicted MQL: 0.352076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00086	-.001	.000	-.00189	.000	1
DCAL1	20.000	20.677	.677	3.39	.10088	.001	1
DCAL2	1000.0	1015.0	15.0	1.50	5.0147	.014	1
DCAL3	5000.0	4958.4	-41.6	-.832	24.505	.028	1
DCAL4	10000.	10026.	25.9	.259	49.550	.175	1





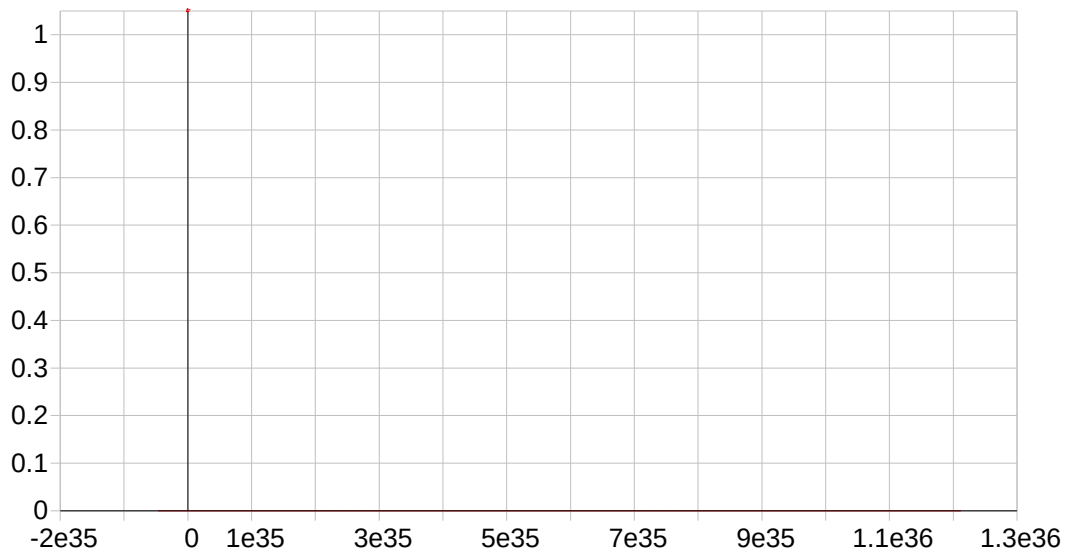


Y 360.073 { 94}*

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: 7/3/2011 10:00:22 Type: Cal
Method: SW846062811(v4) 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	-.0005	-.0001	-.0003	.0000	-.0002	-.0065
Stddev	.0003	.0001	.0002	.000	.0002	.0008
%RSD	72.50	105.4	72.29	3142.	78.41	11.51

#1	-.0001	.0000	.0000	.0000	-.0002	-.0058
#2	-.0005	-.0001	-.0004	.0002	-.0004	-.0065
#3	-.0008	-.0001	-.0004	-.0002	-.0001	-.0073

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	-.0003	.0002	.0009	.0001	-.0131
Stddev	.0001	.0001	.0001	.0001	.0000	.0020
%RSD	23.63	30.13	36.49	13.74	36.65	15.58

#1	-.0003	-.0002	.0002	.0008	.0002	-.0109
#2	-.0002	-.0002	.0001	.0011	.0001	-.0150
#3	-.0003	-.0003	.0001	.0009	.0001	-.0133

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.0002	-.0025	.0002	.0000	.0001
Stddev	.000	.0001	.0015	.0001	.000	.0001
%RSD	290.3	39.19	59.00	49.91	300.9	123.0

#1	.0000	.0001	-.0009	.0002	-.0002	.0001
#2	.0000	.0002	-.0030	.0003	.0001	.0002
#3	-.0001	.0001	-.0037	.0001	.0000	.0000

Sample Name: CAL_BLK Acquired: 7/3/2011 10:00:22 Type: Cal
Method: SW846062811(v4) 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	-.0002	.0001	.0002	.0008	-.0004
Stddev	.0001	.0000	.0000	.0001	.0001	.0001
%RSD	175.1	12.94	43.42	62.68	10.60	16.63

#1	-.0001	-.0002	.0001	.0001	.0007	-.0004
#2	.0001	-.0002	.0001	.0004	.0009	-.0004
#3	.0002	-.0002	.0001	.0002	.0008	-.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	.0001	-.0019	.0014
Stddev	.0000	.0002	.0003
%RSD	35.90	12.79	18.75

#1	.0001	-.0022	.0012
#2	.0000	-.0018	.0017
#3	.0001	-.0017	.0014

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4061.0	51221.	10721.
Stddev	3.6	1335.	1582.
%RSD	.08901	2.6059	14.758

#1	4058.1	52754.	12548.
#2	4059.7	50313.	9806.2
#3	4065.0	50597.	9809.2

Sample Name: DCAL1 Acquired: 7/3/2011 10:04:11 Type: Cal
Method: SW846062811(v4) 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	.0109	.0003	.0022	.4895	.0103	.2927
Stddev	.0006	.0001	.0001	.0014	.0004	.0009
%RSD	5.142	33.77	4.487	.2880	4.064	.3212

#1	.0110	.0002	.0023	.4896	.0102	.2917
#2	.0103	.0004	.0021	.4909	.0108	.2935
#3	.0113	.0004	.0021	.4881	.0101	.2930

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	.0145	.0512	.0024	.0046	.0024	.1325
Stddev	.0001	.0002	.0000	.0004	.0000	.0005
%RSD	.8512	.4129	2.002	7.670	.4384	.3521

#1	.0145	.0514	.0024	.0049	.0024	.1321
#2	.0144	.0513	.0024	.0046	.0023	.1323
#3	.0147	.0510	.0023	.0042	.0024	.1330

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.1544	.0288	.4481	.0358	.0016	.0014
Stddev	.0004	.0001	.0010	.0003	.0002	.0001
%RSD	.2405	.3943	.2323	.7525	13.31	7.328

#1	.1540	.0287	.4470	.0361	.0014	.0015
#2	.1544	.0288	.4491	.0357	.0018	.0014
#3	.1547	.0290	.4483	.0355	.0016	.0013

Sample Name: DCAL1 Acquired: 7/3/2011 10:04:11 Type: Cal
Method: SW846062811(v4) 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	.0011	.0128	.0356	.0170	.0143
Stddev	.0001	.0002	.0000	.0001	.0001	.0002
%RSD	30.04	15.83	.3043	.3622	.6295	1.151

#1	.0003	.0010	.0128	.0356	.0169	.0145
#2	.0004	.0009	.0127	.0357	.0171	.0142
#3	.0006	.0012	.0128	.0355	.0169	.0142

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	.0087	.1009	.0092
Stddev	.0001	.0008	.0003
%RSD	.9047	.7447	3.419

#1	.0086	.1000	.0093
#2	.0088	.1013	.0088
#3	.0086	.1013	.0094

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4033.3	49832.	9773.0
Stddev	7.2	123.	21.8
%RSD	.17953	.24700	.22301

#1	4031.6	49905.	9781.8
#2	4027.1	49901.	9748.2
#3	4041.3	49690.	9789.1

Sample Name: DCAL2 Acquired: 7/3/2011 10:07:56 Type: Cal
Method: SW846062811(v4) 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	1.304	.0320	.0593	4.788	1.044	1.457
Stddev	.002	.0002	.0002	.010	.003	.003
%RSD	.1383	.4780	.3662	.2000	.3212	.1703

#1	1.302	.0321	.0593	4.791	1.048	1.460
#2	1.303	.0320	.0591	4.795	1.042	1.456
#3	1.306	.0318	.0596	4.777	1.043	1.456

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	.8800	.5016	.2107	.3241	.2784	.2692
Stddev	.0018	.0013	.0001	.0001	.0012	.0012
%RSD	.1997	.2507	.0704	.0242	.4477	.4482

#1	.8805	.5016	.2106	.3241	.2791	.2706
#2	.8815	.5028	.2107	.3240	.2769	.2685
#3	.8781	.5003	.2109	.3242	.2791	.2684

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.7479	1.827	2.181	.4254	.3688	.0244
Stddev	.0016	.004	.009	.0015	.0010	.0001
%RSD	.2172	.1969	.4054	.3465	.2666	.4636

#1	.7465	1.827	2.191	.4253	.3685	.0245
#2	.7475	1.823	2.175	.4270	.3698	.0243
#3	.7496	1.830	2.177	.4240	.3679	.0244

Sample Name: DCAL2 Acquired: 7/3/2011 10:07:56 Type: Cal
Method: SW846062811(v4) 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	.0314	.0616	.1250	.5487	.0729	.3419
Stddev	.0001	.0003	.0004	.0012	.0004	.0012
%RSD	.2845	.4848	.3488	.2240	.5681	.3531

#1	.0313	.0618	.1253	.5492	.0724	.3421
#2	.0313	.0619	.1245	.5495	.0732	.3430
#3	.0315	.0613	.1251	.5473	.0730	.3406

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	.0313	5.015	.6802
Stddev	.0002	.014	.0014
%RSD	.5393	.2793	.2096

#1	.0314	5.030	.6785
#2	.0315	5.004	.6812
#3	.0311	5.010	.6809

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3950.6	49058.	9717.8
Stddev	2.6	170.	25.4
%RSD	.06572	.34738	.26134

#1	3949.8	49042.	9717.5
#2	3953.5	49237.	9743.3
#3	3948.5	48897.	9692.5

Sample Name: DCAL3 Acquired: 7/3/2011 10:11:32 Type: Cal
Method: SW846062811(v4) 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	6.548	.1652	.3037	23.25	5.160	7.146
Stddev	.010	.0003	.0008	.05	.003	.009
%RSD	.1509	.1601	.2666	.2117	.0652	.1281

#1	6.537	.1655	.3030	23.23	5.162	7.156
#2	6.551	.1652	.3036	23.31	5.162	7.146
#3	6.555	.1649	.3046	23.21	5.156	7.137

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	4.300	2.419	1.039	1.597	1.363	1.399
Stddev	.009	.007	.001	.002	.004	.001
%RSD	.2032	.2931	.0833	.1129	.3110	.0529

#1	4.296	2.417	1.039	1.596	1.366	1.399
#2	4.310	2.427	1.039	1.599	1.365	1.398
#3	4.294	2.414	1.040	1.596	1.358	1.399

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	3.750	8.806	10.85	2.026	1.762	.1283
Stddev	.004	.018	.02	.004	.005	.0003
%RSD	.1064	.1982	.1782	.2063	.2679	.2589

#1	3.747	8.788	10.87	2.024	1.760	.1281
#2	3.748	8.823	10.83	2.031	1.768	.1287
#3	3.754	8.805	10.84	2.024	1.759	.1282

Sample Name: DCAL3 Acquired: 7/3/2011 10:11:32 Type: Cal
Method: SW846062811(v4) 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	.1589	.2872	.6184	2.584	.3624	1.769
Stddev	.0004	.0008	.0023	.008	.0012	.004
%RSD	.2811	.2873	.3726	.2972	.3382	.2392

#1	.1588	.2870	.6198	2.581	.3611	1.767
#2	.1594	.2882	.6196	2.593	.3635	1.774
#3	.1585	.2866	.6157	2.579	.3625	1.766

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	.1594	24.50	3.568
Stddev	.0003	.03	.005
%RSD	.1718	.1160	.1310

#1	.1591	24.50	3.570
#2	.1596	24.48	3.571
#3	.1596	24.53	3.562

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3738.5	46450.	9570.0
Stddev	6.2	125.	14.9
%RSD	.16608	.26966	.15548

#1	3740.8	46405.	9556.9
#2	3731.5	46353.	9586.2
#3	3743.3	46591.	9566.9

Sample Name: DCAL4 Acquired: 7/3/2011 10:15:20 Type: Cal
Method: SW846062811(v4) 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	13.36	.3394	.6368	45.82	10.36	13.87
Stddev	.05	.0022	.0002	.38	.03	.05
%RSD	.3983	.6356	.0358	.8188	.3261	.3262

#1	13.37	.3407	.6371	46.03	10.36	13.88
#2	13.41	.3406	.6369	46.06	10.39	13.91
#3	13.30	.3369	.6366	45.39	10.32	13.82

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	8.578	4.809	2.085	3.228	2.712	2.874
Stddev	.070	.043	.007	.011	.016	.010
%RSD	.8146	.8869	.3482	.3273	.5853	.3605

#1	8.619	4.836	2.091	3.231	2.719	2.877
#2	8.619	4.832	2.088	3.237	2.723	2.882
#3	8.498	4.760	2.077	3.217	2.694	2.862

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	7.489	17.38	21.58	4.012	3.478	.2637
Stddev	.026	.12	.17	.036	.027	.0026
%RSD	.3485	.6653	.7865	.9056	.7660	.9929

#1	7.493	17.46	21.63	4.033	3.494	.2653
#2	7.513	17.43	21.71	4.033	3.493	.2651
#3	7.462	17.25	21.39	3.970	3.448	.2607

Sample Name: DCAL4 Acquired: 7/3/2011 10:15:20 Type: Cal
Method: SW846062811(v4) 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	.3263	.5618	1.255	5.126	.7289	3.554
Stddev	.0022	.0042	.006	.045	.0052	.035
%RSD	.6849	.7503	.4765	.8723	.7154	.9828

#1	.3276	.5643	1.258	5.155	.7317	3.575
#2	.3274	.5643	1.258	5.149	.7322	3.574
#3	.3237	.5570	1.248	5.075	.7229	3.514

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	.3168	49.55	7.240
Stddev	.0033	.18	.029
%RSD	1.035	.3540	.3985

#1	.3194	49.35	7.240
#2	.3181	49.63	7.269
#3	.3131	49.67	7.212

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3577.7	44649.	9465.1
Stddev	6.1	87.	17.7
%RSD	.16975	.19383	.18676

#1	3578.4	44639.	9460.4
#2	3571.3	44568.	9450.3
#3	3583.4	44740.	9484.7

Sample Name: ICV Acquired: 7/3/2011 10:19:27 Type: QC
Method: SW846062811(v4) 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	124600.	2505.	1235.	10100.	996.1	128300.
Stddev	398.	5.	2.	20.	3.9	627.
%RSD	.3197	.2075	.1558	.1995	.3925	.4889

#1	124200.	2510.	1234.	10120.	991.7	127600.
#2	124900.	2501.	1237.	10080.	999.3	128800.
#3	124700.	2502.	1235.	10090.	997.3	128500.

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.	2525.	5029.	12500.	101500.	49820.
Stddev	3.	8.	13.	45.	87.	344.
%RSD	.2468	.3047	.2489	.3639	.0861	.6910

#1	1267.	2534.	5025.	12440.	101500.	49480.
#2	1262.	2521.	5043.	12530.	101600.	50160.
#3	1262.	2519.	5019.	12520.	101500.	49830.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 7/3/2011 10:19:27 Type: QC
Method: SW846062811(v4) 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	126100.	5145.	124900.	2538.	7577.	1009.
Stddev	274.	13.	754.	7.	15.	3.
%RSD	.2171	.2500	.6034	.2934	.1935	.3023

#1	125900.	5143.	124100.	2546.	7594.	1012.
#2	126400.	5134.	125500.	2535.	7570.	1010.
#3	125900.	5159.	125000.	2533.	7567.	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	2475.	2551.	2515.	2493.	1012.	2520.
Stddev	11.	13.	4.	7.	4.	8.
%RSD	.4307	.5014	.1396	.2806	.3964	.3151

#1	2486.	2565.	2513.	2501.	1017.	2529.
#2	2473.	2546.	2519.	2490.	1009.	2514.
#3	2465.	2540.	2513.	2487.	1011.	2516.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 7/3/2011 10:19:27 Type: QC
 Method: SW846062811(v4) 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.	5023.	10020.
Stddev	4.	52.	41.
%RSD	.4179	1.027	.4124

#1	1014.	4965.	9977.
#2	1009.	5064.	10060.
#3	1006.	5039.	10040.

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	3760.1	46485.	9620.6
Stddev	6.1	121.	47.4
%RSD	.16321	.26048	.49311

#1	3760.7	46592.	9671.1
#2	3765.9	46511.	9577.0
#3	3753.7	46354.	9613.5

Sample Name: CCB Acquired: 7/3/2011 10:23:17 Type: QC
Method: SW846062811(v4) 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	-7.591	-.0390	.2378	.3158	.0603	7.101
Stddev	3.620	2.054	.3655	.0476	.0432	6.422
%RSD	47.69	5270.	153.7	15.08	71.64	90.44

#1	-9.066	1.887	.6471	.3648	.0241	14.10
#2	-10.24	.1980	-.0557	.3127	.0487	1.486
#3	-3.466	-2.201	.1219	.2698	.1081	5.713

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0034	.1130	-.1481	2.532	-2.265	28.62
Stddev	.0814	.1746	.2183	2.214	9.509	31.28
%RSD	2406.	154.5	147.4	87.44	419.9	109.3

#1	.0605	-.0041	-.2413	.7459	-.1556	9.918
#2	-.0950	.3137	.1014	1.841	6.013	64.73
#3	.0244	.0294	-.3043	5.010	-12.65	11.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 10:23:17 Type: QC
Method: SW846062811(v4) 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	2.085	.1441	-13.87	-.3075	2.122	-.2461
Stddev	1.192	.0505	9.12	.2795	.575	1.813
%RSD	57.16	35.07	65.76	90.91	27.11	736.3
#1	.8620	.1137	-21.45	.0018	1.856	1.098
#2	3.243	.2024	-3.751	-.3822	2.782	.4710
#3	2.151	.1161	-16.40	-.5421	1.728	-2.308

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	2.660	-.3940	.0236	-.0947	3.851	.6300
Stddev	1.114	.7787	.4500	.1509	.999	.2445
%RSD	41.86	197.6	1905.	159.3	25.93	38.80
#1	2.819	-1.012	-.0278	.0188	4.871	.8909
#2	3.686	.4807	.4971	-.0369	3.806	.5932
#3	1.476	-.6513	-.3985	-.2660	2.875	.4061

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 10:23:17 Type: QC
 Method: SW846062811(v4) 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	.2685	.1463	1.467
Stddev	.4342	.1152	.173
%RSD	161.7	78.75	11.82

#1	.3348	.0569	1.457
#2	-.1951	.1056	1.646
#3	.6658	.2764	1.300

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	4068.8	50928.	9817.9
Stddev	5.3	156.	27.8
%RSD	.13130	.30541	.28275

#1	4074.9	50898.	9797.5
#2	4065.3	51096.	9806.6
#3	4066.1	50789.	9849.5

Sample Name: ICSA 1037091 Acquired: 7/3/2011 10:27:09 Type: QC
Method: SW846062811(v4) 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	488200.	-.2361	.7189	1.295	-.0535	446900.
Stddev	829.	1.875	.1924	.197	.0644	1256.
%RSD	.1697	793.9	26.77	15.17	120.3	.2810

#1	487500.	1.765	.9398	1.505	-.1080	446400.
#2	489100.	-1.951	.5881	1.116	-.0700	448300.
#3	488100.	-.5223	.6287	1.265	.0175	446000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5910	-.6868	-3.259	.7602	193300.	3.743
Stddev	.0824	.4373	.122	1.084	734.	49.63
%RSD	13.94	63.68	3.729	142.6	.3797	1326.

#1	-.6714	-1.005	-3.331	1.580	194100.	-44.86
#2	-.5067	-.1881	-3.119	-.4693	192700.	1.754
#3	-.5949	-.8670	-3.328	1.170	193100.	54.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1037091 Acquired: 7/3/2011 10:27:09 Type: QC
Method: SW846062811(v4) 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	494100.	-.9504	-90.66	-1.865	-2.272	.9885
Stddev	702.	.0843	18.29	.257	1.772	.8593
%RSD	.1421	8.869	20.17	13.79	78.00	86.94

#1	494900.	-1.040	-111.7	-1.960	-2.465	.2055
#2	493600.	-.8719	-82.13	-1.573	-3.940	1.908
#3	493700.	-.9399	-78.20	-2.060	-.4114	.8521

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	.8919	.1875	-1.110	-1.182	1.628	-3.289
Stddev	4.387	.8084	.125	.430	.981	.399
%RSD	491.8	431.1	11.22	36.37	60.23	12.14

#1	5.371	.0022	-1.202	-.6959	.8372	-2.838
#2	-3.396	-.5121	-.9682	-1.511	2.726	-3.598
#3	.7001	1.072	-1.159	-1.340	1.322	-3.431

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1037091 Acquired: 7/3/2011 10:27:09 Type: QC
Method: SW846062811(v4) 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	-1.6087	-1.332	1.390
Stddev	.8796	.088	1.382
%RSD	144.5	6.622	99.41

#1	-1.475	-1.406	-.0544
#2	.2834	-1.355	1.525
#3	-.6342	-1.235	2.699

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	3641.1	43889.	9424.5
Stddev	3.8	132.	41.3
%RSD	.10501	.30012	.43812

#1	3645.5	43756.	9457.4
#2	3638.6	44019.	9378.2
#3	3639.1	43893.	9438.0

Sample Name: ICSAB 1037093 Acquired: 7/3/2011 10:31:08 Type: QC
Method: SW846062811(v4) 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	494300.	96.57	102.1	100.1	98.33	451100.
Stddev	2219.	.62	.4	.0	.37	5059.
%RSD	.4489	.6399	.3899	.0067	.3771	1.122

#1	491800.	95.90	101.7	100.1	97.90	445200.
#2	496100.	97.12	102.5	100.1	98.55	454500.
#3	495100.	96.69	102.1	100.1	98.54	453500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	95.08	94.27	94.07	99.04	195900.	10410.
Stddev	.36	.22	.49	1.89	183.	63.
%RSD	.3791	.2323	.5243	1.905	.0936	.6077

#1	95.29	94.46	93.70	97.19	195700.	10340.
#2	95.28	94.33	94.63	101.0	196000.	10470.
#3	94.66	94.03	93.87	98.97	195900.	10410.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1037093 Acquired: 7/3/2011 10:31:08 Type: QC
Method: SW846062811(v4) 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	497600.	99.77	10380.	92.63	93.31	95.28
Stddev	1567.	.17	78.	.55	4.31	2.44
%RSD	.3148	.1669	.7469	.5976	4.623	2.557
#1	498400.	99.76	10300.	92.04	88.41	97.41
#2	498600.	99.95	10450.	93.13	94.97	95.80
#3	495800.	99.62	10410.	92.71	96.54	92.62

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	96.60	92.89	98.43	93.04	95.97	95.21
Stddev	2.09	2.58	.56	.18	.08	.36
%RSD	2.161	2.779	.5664	.1977	.0855	.3740
#1	97.18	91.97	98.68	93.23	95.87	95.33
#2	98.35	95.81	98.81	93.01	96.02	95.50
#3	94.29	90.90	97.79	92.87	96.01	94.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1037093 Acquired: 7/3/2011 10:31:08 Type: QC
Method: SW846062811(v4) 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	94.79	98.48	98.28
Stddev	1.03	.40	2.40
%RSD	1.089	.4079	2.441

#1	95.80	98.20	100.6
#2	94.84	98.94	98.39
#3	93.74	98.30	95.83

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	3642.6	43875.	9417.0
Stddev	10.7	83.	47.9
%RSD	.29287	.18869	.50823

#1	3652.3	43936.	9472.2
#2	3644.2	43908.	9388.5
#3	3631.2	43781.	9390.2

Sample Name: INT-10 976591 Acquired: 7/3/2011 10:35:02 Type: QC
Method: SW846062811(v4) 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	16.22	-1.652	-4.104	-.8759	-1.471	34.60
Stddev	3.65	.767	.549	.0592	.045	9.07
%RSD	22.48	46.42	13.39	6.761	3.076	26.22
#1	14.78	-2.534	-4.016	-.8155	-1.520	25.28
#2	13.51	-1.148	-3.604	-.9339	-1.432	43.41
#3	20.37	-1.273	-4.692	-.8784	-1.460	35.12

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	-1.172	11340.	10590.	-.6680	28.85	62.86
Stddev	.135	28.	22.	1.651	2.98	23.07
%RSD	11.54	.2438	.2086	247.2	10.34	36.69
#1	-1.095	11350.	10580.	-2.031	31.76	36.85
#2	-1.092	11360.	10620.	-1.142	28.97	70.92
#3	-1.328	11310.	10580.	1.169	25.81	80.82

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 976591 Acquired: 7/3/2011 10:35:02 Type: QC
Method: SW846062811(v4) 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	102.4	10750.	4.840	11410.	-.7224	.5856
Stddev	2.4	48.	5.281	32.	1.477	1.671
%RSD	2.367	.4492	109.1	.2837	204.5	285.3
#1	99.97	10800.	5.528	11430.	.1412	2.502
#2	104.8	10740.	-.7521	11430.	.1200	-.5621
#3	102.4	10700.	9.743	11380.	-2.428	-.1832

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	.0419	-18.90	5176.	-4.281	-16.73	5197.
Stddev	2.023	1.86	14.	.238	1.58	15.
%RSD	4827.	9.863	.2714	5.566	9.448	.2805
#1	-1.956	-20.24	5181.	-4.054	-14.94	5204.
#2	2.089	-19.69	5187.	-4.529	-17.28	5206.
#3	-.0073	-16.77	5160.	-4.261	-17.95	5180.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 976591 Acquired: 7/3/2011 10:35:02 Type: QC
Method: SW846062811(v4) 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	10730.	10250.	9996.
Stddev	42.	13.	26.
%RSD	.3960	.1271	.2635

#1	10760.	10260.	9974.
#2	10750.	10240.	9989.
#3	10680.	10260.	10020.

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	4028.4	50787.	9896.9
Stddev	6.7	60.	36.2
%RSD	.16655	.11776	.36562

#1	4033.4	50742.	9889.1
#2	4020.8	50764.	9865.2
#3	4031.0	50855.	9936.3

Sample Name: 460-28102-e-1-d du@4 Acquired: 7/3/2011 10:39:00 Type: Unk

Method: SW846062811(v4) 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	62920.	14.75	-1.830	188.7	5.582	45890.
Stddev	208.	.28	.239	.2	.049	144.
%RSD	.3310	1.929	13.04	.0870	.8704	.3127

#1	62680.	14.61	-2.055	188.5	5.527	45730.
#2	63060.	15.08	-1.580	188.8	5.618	45950.
#3	63020.	14.56	-1.856	188.7	5.600	46000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5963	56.83	200.0	22.29	126100.	1085.
Stddev	.0647	.06	.6	2.72	254.	21.
%RSD	10.84	.1068	.3238	12.21	.2013	1.898

#1	-.6586	56.79	200.6	21.14	126000.	1062.
#2	-.5295	56.90	199.3	25.40	125900.	1099.
#3	-.6006	56.79	200.0	20.33	126400.	1096.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-d du@4 Acquired: 7/3/2011 10:39:00 Type: Unk

Method: SW846062811(v4) 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	55860.	2149.	283.3	144.4	12.85	.0742
Stddev	64.	1.	3.8	.4	1.33	2.104
%RSD	.1143	.0561	1.333	.2657	10.33	2835.

#1	55830.	2149.	282.7	144.5	14.09	-.5777
#2	55810.	2148.	279.9	144.7	13.02	-1.627
#3	55930.	2150.	287.3	143.9	11.45	2.427

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	5.040	-6.561	191.1	347.1	4.256	3.260
Stddev	1.739	.542	.4	.6	.103	.410
%RSD	34.49	8.260	.2084	.1855	2.430	12.58

#1	3.536	-6.285	191.5	347.2	4.146	3.731
#2	6.944	-6.213	190.8	347.6	4.352	2.983
#3	4.640	-7.186	190.9	346.4	4.271	3.066

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-d du@4 Acquired: 7/3/2011 10:39:00 Type: Unk
 Method: SW846062811(v4) 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	4.656	59.69	1707.
Stddev	.219	.10	5.
%RSD	4.705	.1608	.3160

#1	4.779	59.74	1704.
#2	4.403	59.75	1713.
#3	4.787	59.58	1705.

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	4649.6	57545.	11510.
Stddev	5.7	94.	14.
%RSD	.12223	.16297	.12251

#1	4643.5	57441.	11521.
#2	4650.7	57624.	11494.
#3	4654.7	57570.	11515.

Sample Name: 460-28102-e-1-c@4 Acquired: 7/3/2011 10:42:42 Type: Unk

Method: SW846062811(v4) 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	61530.	15.30	-1.933	190.3	5.715	54030.
Stddev	178.	1.40	.312	.3	.053	146.
%RSD	.2895	9.130	16.13	.1545	.9222	.2697

#1	61410.	13.83	-1.686	190.1	5.758	53940.
#2	61450.	15.46	-1.829	190.7	5.656	53960.
#3	61730.	16.61	-2.283	190.2	5.731	54200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6983	55.59	193.6	26.31	126300.	1128.
Stddev	.1314	.09	.4	2.81	357.	34.
%RSD	18.82	.1697	.2019	10.68	.2825	2.992

#1	-.5571	55.56	193.8	27.17	125900.	1156.
#2	-.7208	55.51	193.1	28.59	126400.	1138.
#3	-.8170	55.69	193.8	23.17	126600.	1090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-c@4 Acquired: 7/3/2011 10:42:42 Type: Unk

Method: SW846062811(v4) 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	59010.	2246.	291.9	145.2	13.84	-1.236
Stddev	100.	5.	5.9	.3	.90	.938
%RSD	.1695	.2226	2.020	.1874	6.494	75.86

#1	58920.	2240.	298.6	144.9	14.78	-.9733
#2	58980.	2248.	287.3	145.5	12.98	-.4579
#3	59120.	2249.	289.8	145.2	13.78	-2.277

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	3.143	-6.352	193.1	339.3	4.267	2.880
Stddev	2.664	.842	.7	.0	.181	.354
%RSD	84.78	13.25	.3526	.0089	4.249	12.30

#1	.1345	-6.173	192.6	339.3	4.105	3.055
#2	5.206	-7.269	192.9	339.3	4.463	3.113
#3	4.088	-5.615	193.9	339.2	4.233	2.472

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-c@4 Acquired: 7/3/2011 10:42:42 Type: Unk
 Method: SW846062811(v4) 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	4.030	65.11	1699.
Stddev	.345	.08	6.
%RSD	8.557	.1227	.3303

#1	3.800	65.07	1697.
#2	3.862	65.05	1696.
#3	4.426	65.20	1706.

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	4695.1	57915.	11591.
Stddev	5.4	267.	21.
%RSD	.11425	.46053	.18272

#1	4697.8	58099.	11600.
#2	4698.6	58037.	11606.
#3	4688.9	57610.	11566.

Sample Name: sd 460-28102-e-1-c@2 Acquired: 7/3/2011 10:46:23 Type: Unk

Method: SW846062811(v4) 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	13580.	3.202	-.6777	42.73	1.290	11980.
Stddev	25.	1.336	.6014	.04	.092	27.
%RSD	.1825	41.73	88.74	.0895	7.129	.2285

#1	13560.	3.197	-1.347	42.72	1.342	11960.
#2	13560.	4.541	-.1819	42.77	1.183	11980.
#3	13610.	1.869	-.5045	42.70	1.344	12020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1206	12.64	42.90	6.418	28040.	261.5
Stddev	.0535	.21	.41	2.428	93.	31.6
%RSD	44.35	1.641	.9591	37.83	.3325	12.09

#1	-.0911	12.54	43.35	7.737	28110.	225.1
#2	-.1824	12.50	42.55	7.902	27930.	277.3
#3	-.0884	12.88	42.81	3.616	28060.	282.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28102-e-1-c@2 Acquired: 7/3/2011 10:46:23 Type: Unk

Method: SW846062811(v4) 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	13030.	501.6	65.00	32.97	3.557	-.1049
Stddev	15.	1.0	11.79	.47	.544	.3703
%RSD	.1177	.2066	18.13	1.421	15.30	353.1

#1	13030.	502.2	56.60	33.51	3.141	-.5324
#2	13010.	500.4	78.48	32.65	4.173	.1168
#3	13040.	502.1	59.93	32.76	3.356	.1010

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	.1053	-1.672	42.26	76.02	1.446	.7312
Stddev	.7072	1.329	.61	.03	.118	.0956
%RSD	671.7	79.50	1.453	.0333	8.154	13.07

#1	.6161	-3.117	41.65	76.04	1.582	.6285
#2	-.7019	-.5015	42.24	76.00	1.382	.8174
#3	.4017	-1.398	42.88	76.03	1.374	.7476

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28102-e-1-c@2 Acquired: 7/3/2011 10:46:23 Type: Unk
Method: SW846062811(v4) 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	.6508	14.32	375.0
Stddev	.4437	.08	.8
%RSD	68.18	.5580	.2166

#1	.3997	14.24	374.8
#2	.3896	14.33	374.3
#3	1.163	14.40	375.9

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	4233.0	52547.	10220.
Stddev	6.6	217.	24.
%RSD	.15587	.41357	.23141

#1	4234.2	52555.	10228.
#2	4226.0	52761.	10240.
#3	4239.0	52327.	10194.

Sample Name: 460-28102-e-1-e ms@4 Acquired: 7/3/2011 10:50:06 Type: Unk
Method: SW846062811(v4) 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	64810.	802.6	30.14	1012.	26.03	140200.
Stddev	149.	1.0	.35	2.	.09	155.
%RSD	.2304	.1290	1.146	.1753	.3305	.1108

#1	64830.	803.6	30.44	1012.	25.97	140300.
#2	64650.	802.7	30.23	1014.	25.99	140000.
#3	64950.	801.6	29.76	1010.	26.13	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	19.91	258.2	263.7	127.6	113600.	9297.
Stddev	.04	.5	.2	1.2	160.	38.
%RSD	.2256	.1891	.0752	.9201	.1405	.4036

#1	19.93	258.0	263.5	128.9	113500.	9328.
#2	19.86	258.8	263.9	126.7	113800.	9255.
#3	19.94	258.0	263.8	127.1	113600.	9307.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-e ms@4 Acquired: 7/3/2011 10:50:06 Type: Unk
Method: SW846062811(v4) 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	94990.	2484.	8622.	341.3	221.7	191.8
Stddev	108.	1.	10.	.4	1.4	.5
%RSD	.1140	.0425	.1201	.1249	.6502	.2597

#1	94870.	2483.	8630.	340.8	223.2	191.6
#2	95030.	2483.	8626.	341.7	220.4	192.4
#3	95070.	2485.	8610.	341.3	221.5	191.5

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	769.5	846.8	381.5	533.5	197.1	205.6
Stddev	2.2	1.6	.8	.3	.4	.5
%RSD	.2850	.1937	.2025	.0632	.1822	.2443

#1	768.3	847.0	380.6	533.5	196.8	205.2
#2	772.0	848.3	381.7	533.8	197.5	206.2
#3	768.2	845.0	382.1	533.1	197.0	205.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-e ms@4 Acquired: 7/3/2011 10:50:06 Type: Unk
Method: SW846062811(v4) 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	207.0	340.1	1801.
Stddev	.8	.5	2.
%RSD	.4009	.1444	.0993

#1	208.0	340.6	1799.
#2	206.6	339.7	1800.
#3	206.5	340.0	1803.

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	4552.0	56147.	11442.
Stddev	6.7	135.	24.
%RSD	.14627	.23958	.20761

#1	4544.5	56155.	11415.
#2	4557.4	56009.	11450.
#3	4553.9	56278.	11461.

Sample Name: ps 460-28102-e-1-c@4 Acquired: 7/3/2011 10:53:38 Type: Unk

Method: SW846062811(v4) 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	62950.	1527.	30.03	1783.	45.00	70130.
Stddev	10.	3.	.70	3.	.10	112.
%RSD	.0153	.1795	2.333	.1817	.2172	.1594

#1	62950.	1524.	29.49	1782.	45.11	70020.
#2	62960.	1530.	30.83	1787.	44.98	70120.
#3	62950.	1527.	29.79	1781.	44.92	70240.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38.39	449.4	350.9	220.2	127000.	16770.
Stddev	.09	.6	1.0	1.1	830.	41.
%RSD	.2236	.1340	.2764	.5190	.6534	.2446

#1	38.49	448.9	349.9	219.4	126000.	16780.
#2	38.35	450.1	351.2	221.5	127400.	16730.
#3	38.34	449.3	351.8	219.8	127500.	16810.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ps 460-28102-e-1-c@4 Acquired: 7/3/2011 10:53:38 Type: Unk

Method: SW846062811(v4) 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	74670.	2647.	16310.	540.4	409.3	370.8
Stddev	258.	11.	43.	.2	1.3	.8
%RSD	.3448	.4102	.2617	.0347	.3072	.2159

#1	74380.	2635.	16270.	540.2	410.6	369.9
#2	74790.	2654.	16330.	540.5	409.3	371.2
#3	74850.	2654.	16340.	540.6	408.1	371.4

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	1494.	1636.	587.2	723.5	656.3	393.0
Stddev	3.	4.	2.8	.9	.9	1.1
%RSD	.2134	.2311	.4826	.1222	.1402	.2712

#1	1495.	1637.	583.9	723.8	655.2	393.0
#2	1496.	1638.	588.5	724.1	656.9	394.1
#3	1490.	1631.	589.1	722.5	656.7	392.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ps 460-28102-e-1-c@4 Acquired: 7/3/2011 10:53:38 Type: Unk
 Method: SW846062811(v4) 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	394.2	456.6	2088.
Stddev	1.2	1.2	1.
%RSD	.3129	.2583	.0262

#1	394.4	455.3	2089.
#2	395.3	456.9	2088.
#3	392.9	457.7	2089.

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	4632.9	56725.	11505.
Stddev	9.7	312.	40.
%RSD	.20877	.54930	.34697

#1	4641.3	57084.	11464.
#2	4622.3	56527.	11544.
#3	4634.9	56564.	11508.

Sample Name: 460-28310-b-1-d@4 Acquired: 7/3/2011 10:57:09 Type: Unk

Method: SW846062811(v4) 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	14410.	6.176	-.2996	94.36	.8089	7665.
Stddev	38.	1.688	.1608	.09	.0792	13.
%RSD	.2611	27.33	53.69	.0997	9.791	.1671

#1	14370.	6.721	-.3842	94.26	.8168	7680.
#2	14430.	7.525	-.4004	94.44	.8838	7657.
#3	14430.	4.283	-.1141	94.39	.7260	7660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0189	14.47	33.57	32.25	28890.	3329.
Stddev	.0583	.17	.27	2.80	70.	21.
%RSD	308.3	1.206	.8045	8.678	.2434	.6204

#1	.0324	14.60	33.33	34.17	28940.	3343.
#2	-.0069	14.54	33.51	29.04	28920.	3340.
#3	-.0822	14.27	33.86	33.53	28810.	3306.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-1-d@4 Acquired: 7/3/2011 10:57:09 Type: Unk

Method: SW846062811(v4) 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.	1001.	2264.	110.9	12.46	.2294
Stddev	13.	.	12.	.1	1.25	1.620
%RSD	.1071	.0456	.5491	.1257	10.07	706.3

#1	11970.	1001.	2275.	110.9	13.90	-1.341
#2	11990.	1002.	2267.	110.8	11.66	1.896
#3	11990.	1002.	2251.	111.1	11.80	.1329

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	-8854	-2.853	42.43	87.86	9.669	1.340
Stddev	.9559	1.555	.28	.21	.460	.104
%RSD	108.0	54.51	.6505	.2382	4.755	7.772

#1	-.3438	-2.321	42.55	87.62	10.18	1.303
#2	-.3232	-1.634	42.62	87.97	9.293	1.457
#3	-1.989	-4.604	42.11	88.00	9.533	1.259

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-1-d@4 Acquired: 7/3/2011 10:57:09 Type: Unk
Method: SW846062811(v4) 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	1.329	29.15	768.8
Stddev	.343	.20	.8
%RSD	25.80	.6932	.1071

#1	1.581	29.38	769.6
#2	.9387	28.99	768.0
#3	1.468	29.08	769.0

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	4158.5	51578.	10021.
Stddev	2.4	148.	37.
%RSD	.05754	.28731	.36648

#1	4161.3	51431.	9978.7
#2	4157.0	51575.	10047.
#3	4157.3	51727.	10036.

Sample Name: 460-28310-b-2-d@4 Acquired: 7/3/2011 11:00:52 Type: Unk

Method: SW846062811(v4) 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	10310.	4.676	-.2995	69.28	.5301	22120.
Stddev	11.	1.315	.2969	.18	.0183	55.
%RSD	.1065	28.13	99.16	.2556	3.461	.2494

#1	10310.	5.990	-.0275	69.25	.5130	22060.
#2	10290.	4.677	-.2546	69.47	.5277	22130.
#3	10310.	3.360	-.6163	69.12	.5495	22170.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0393	13.12	23.52	31.59	33470.	1740.
Stddev	.0546	.23	.20	2.58	79.	8.
%RSD	138.9	1.719	.8472	8.153	.2348	.4311

#1	-.0200	12.86	23.72	28.79	33440.	1736.
#2	-.1009	13.27	23.32	32.10	33420.	1736.
#3	.0030	13.23	23.53	33.87	33560.	1749.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-2-d@4 Acquired: 7/3/2011 11:00:52 Type: Unk

Method: SW846062811(v4) 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	9479.	920.3	203.5	43.51	11.21	-1.242
Stddev	35.	2.8	8.1	.29	.39	.237
%RSD	.3688	.3072	3.990	.6743	3.516	19.10

#1	9491.	920.7	194.1	43.60	10.78	-1.340
#2	9440.	917.3	208.5	43.75	11.55	-.9711
#3	9507.	922.9	207.8	43.19	11.30	-1.414

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	.0853	-2.354	38.28	61.97	6.187	.2797
Stddev	1.550	.943	.20	.16	.347	.1658
%RSD	1817.	40.06	.5211	.2579	5.603	59.30

#1	-1.463	-3.297	38.20	61.84	5.817	.1152
#2	1.638	-1.411	38.51	62.15	6.240	.4468
#3	.0811	-2.355	38.14	61.91	6.505	.2770

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-2-d@4 Acquired: 7/3/2011 11:00:52 Type: Unk
Method: SW846062811(v4) 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	.9557	38.62	505.3
Stddev	.4749	.13	2.2
%RSD	49.69	.3290	.4331

#1	1.504	38.57	502.8
#2	.6852	38.52	506.1
#3	.6778	38.76	506.9

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	4131.8	51155.	9996.4
Stddev	5.6	170.	27.7
%RSD	.13610	.33211	.27736

#1	4134.7	51067.	9999.3
#2	4125.3	51351.	10023.
#3	4135.4	51047.	9967.3

Sample Name: CCV Acquired: 7/3/2011 11:04:37 Type: QC
Method: SW846062811(v4) 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	124100.	2499.	1230.	10060.	992.3	128600.
Stddev	131.	6.	4.	13.	2.7	272.
%RSD	.1057	.2486	.3204	.1309	.2725	.2114

#1	124100.	2492.	1226.	10050.	991.9	128500.
#2	124200.	2501.	1234.	10070.	995.2	129000.
#3	124000.	2504.	1229.	10060.	989.9	128500.

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	1256.	2504.	5025.	12470.	102600.	49980.
Stddev	1.	6.	17.	24.	305.	68.
%RSD	.1132	.2237	.3314	.1924	.2977	.1369

#1	1254.	2497.	5012.	12450.	102500.	49940.
#2	1257.	2508.	5044.	12500.	102900.	50060.
#3	1256.	2505.	5019.	12460.	102300.	49940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 11:04:37 Type: QC
Method: SW846062811(v4) 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.	5127.	125100.	2526.	7521.	1011.
Stddev	401.	33.	389.	4.	13.	1.
%RSD	.3176	.6481	.3107	.1433	.1738	.1182

#1	126000.	5160.	124900.	2523.	7506.	1010.
#2	126700.	5126.	125500.	2530.	7529.	1012.
#3	126000.	5094.	124700.	2525.	7528.	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	2456.	2539.	2533.	2484.	999.9	2511.
Stddev	3.	6.	7.	4.	3.5	3.
%RSD	.1187	.2201	.2680	.1627	.3532	.1257

#1	2453.	2534.	2531.	2479.	996.0	2508.
#2	2457.	2545.	2541.	2487.	1001.	2514.
#3	2459.	2537.	2528.	2486.	1003.	2511.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 11:04:37 Type: QC
Method: SW846062811(v4) 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.	5019.	9961.
Stddev	1.	15.	22.
%RSD	.1444	.2950	.2249

#1	1006.	5010.	9944.
#2	1007.	5036.	9987.
#3	1004.	5010.	9953.

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	3792.1	46273.	9562.7
Stddev	9.2	114.	13.7
%RSD	.24379	.24673	.14352

#1	3802.2	46363.	9572.7
#2	3789.9	46145.	9568.5
#3	3784.1	46312.	9547.1

Sample Name: CCB Acquired: 7/3/2011 11:08:25 Type: QC
Method: SW846062811(v4) 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	3.697	1.021	.0152	.2717	.0333	-1.220
Stddev	7.239	1.571	.3366	.0958	.1008	5.793
%RSD	195.8	153.9	2214.	35.26	303.0	474.9

#1	-4.320	2.733	.3618	.3547	.1088	2.852
#2	5.656	-.3551	-.0060	.2936	.0721	1.341
#3	9.756	.6850	-.3103	.1669	-.0812	-7.852

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0572	.1435	-.2994	1.794	-2.686	43.98
Stddev	.0291	.2730	.1181	2.317	2.437	20.83
%RSD	50.89	190.2	39.44	129.1	90.70	47.35

#1	.0397	.1419	-.3846	-.8595	-.4009	66.47
#2	.0909	.4173	-.1646	3.414	-5.250	25.37
#3	.0412	-.1287	-.3490	2.828	-2.408	40.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 11:08:25 Type: QC
Method: SW846062811(v4) 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	1.562	.1307	13.43	-.1459	1.092	.6519
Stddev	2.838	.0632	11.85	.0920	.689	.5090
%RSD	181.7	48.39	88.19	63.05	63.10	78.07

#1	3.863	.0778	4.090	-.2450	1.569	1.228
#2	2.431	.2007	26.76	-.0631	.3019	.2614
#3	-1.609	.1136	9.454	-.1298	1.404	.4669

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	.1554	-.4433	.1044	-.0384	2.148	.3547
Stddev	1.561	1.187	.2693	.0562	.713	.2871
%RSD	1004.	267.9	258.0	146.2	33.20	80.93

#1	-1.433	.1322	.4148	-.0493	2.825	.6241
#2	.2125	.3467	-.0345	-.0884	2.215	.3874
#3	1.687	-1.809	-.0671	.0224	1.404	.0527

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 11:08:25 Type: QC
Method: SW846062811(v4) 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	.7457	.1293	1.974
Stddev	.1392	.0894	.475
%RSD	18.67	69.12	24.05

#1	.9023	.0502	2.447
#2	.6360	.2262	1.978
#3	.6988	.1115	1.498

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	4098.2	50850.	9805.4
Stddev	8.8	108.	17.1
%RSD	.21465	.21325	.17391

#1	4107.5	50732.	9820.1
#2	4097.2	50945.	9786.7
#3	4090.0	50873.	9809.4

Sample Name: mb 460-78703/1-a@2 Acquired: 7/3/2011 11:12:20 Type: QC

Method: SW846062811(v4) 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	1.318	-.9287	-.4248	.1107	.0453	21.72
Stddev	9.389	.5157	.6448	.0430	.0262	12.03
%RSD	712.3	55.53	151.8	38.89	57.78	55.38

#1	7.987	-.5125	.3118	.0805	.0213	9.718
#2	-9.419	-.7680	-.6993	.1600	.0414	33.77
#3	5.386	-1.506	-.8868	.0916	.0732	21.67

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	.0232	-.0870	.2474	1.301	.4374	14.01
Stddev	.0596	.1786	.5510	3.351	4.293	11.78
%RSD	256.6	205.3	222.7	257.5	981.5	84.12

#1	.0742	-.0220	.5157	5.158	1.732	27.60
#2	.0377	.0500	.6128	-.8963	-4.354	7.736
#3	-.0423	-.2889	-.3863	-.3577	3.934	6.684

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78703/1-a@2 Acquired: 7/3/2011 11:12:20 Type: QC

Method: SW846062811(v4) 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	1.642	.0013	14.13	.2847	.8892	1.534
Stddev	.284	.0230	10.62	.1694	.2461	1.557
%RSD	17.28	1755.	75.17	59.48	27.67	101.5

#1	1.325	.0153	26.14	.4721	.6825	.4377
#2	1.872	-.0253	5.999	.2398	1.161	.8490
#3	1.730	.0139	10.24	.1424	.8236	3.316

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	.9402	-1.852	-.0206	.7694	1.988	.3120
Stddev	2.641	1.435	.1556	.0589	.729	.2615
%RSD	280.9	77.49	754.2	7.653	36.66	83.80

#1	1.687	-1.240	-.0193	.7590	2.827	.6060
#2	-1.994	-3.491	-.1769	.7164	1.518	.1054
#3	3.128	-.8245	.1343	.8328	1.618	.2247

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78703/1-a@2 Acquired: 7/3/2011 11:12:20 Type: QC
Method: SW846062811(v4) 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	.6733	.2140	2.507
Stddev	.4636	.0086	1.625
%RSD	68.85	4.002	64.81

#1	.1750	.2045	2.907
#2	.7533	.2166	.7196
#3	1.092	.2210	3.895

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	4076.4	51053.	9754.9
Stddev	9.0	257.	24.3
%RSD	.21975	.50366	.24881

#1	4066.3	50852.	9732.0
#2	4079.6	50963.	9752.2
#3	4083.4	51343.	9780.4

Sample Name: lcssrm 460-78703/2-a Acquired: 7/3/2011 11:16:25 Type: QC

Method: SW846062811(v4) 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	k 29490.	k 478.5	k 117.7	k 946.6	kF 258.3	kF 34440.
Stddev	24640.	23.8	33.8	34.2	216.5	28790.
%RSD	83.56	4.966	28.74	3.616	83.81	83.61

#1	k 1036.	k 451.4	k 78.63	k 908.3	k 8.331	k 1190.
#2	43770.	496.0	137.4	974.4	383.6	51060.
#3	43670.	488.0	137.1	956.9	382.9	51070.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit					488.5	61500.
Low Limit					287.0	37200.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	k 302.6	k 470.5	k 1019.	kF 589.0	^F *****	kF 13860.
Stddev	5.2	12.8	278.	491.5	-----	11490.
%RSD	1.726	2.712	27.28	83.45	-----	82.94

#1	k 297.5	k 457.0	k 697.9	k 21.46	^ -----	k 586.6
#2	307.9	482.3	1183.	875.0	93970.	20520.
#3	302.4	472.4	1175.	870.6	93150.	20470.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Fail
High Limit				1080.	142500.	28950.
Low Limit				655.0	37850.	14050.

Sample Name: lcssrm 460-78703/2-a Acquired: 7/3/2011 11:16:25 Type: QC

Method: SW846062811(v4) 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	^F *****	^F *****	k 3312.	k 698.5	k 418.6	k 871.6
Stddev	-----	-----	2777.	21.1	14.8	21.8
%RSD	-----	-----	83.86	3.014	3.526	2.501

#1	^ -----	^ -----	k 104.9	k 676.0	k 402.2	k 848.7
#2	18540.	2882.	4899.	717.7	430.9	892.1
#3	18460.	2864.	4932.	702.0	422.7	873.9

Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	26150.	3420.				
Low Limit	13900.	2160.				

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	k 1333.	k 649.7	k 495.0	k 2895.	k 683.1	k 258.1
Stddev	53.	19.3	135.4	96.	16.0	9.2
%RSD	3.967	2.968	27.35	3.321	2.346	3.569

#1	k 1273.	k 628.2	k 338.7	k 2788.	k 665.2	k 247.8
#2	1375.	665.4	575.6	2975.	696.1	265.7
#3	1351.	655.4	570.7	2920.	688.1	260.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78703/2-a Acquired: 7/3/2011 11:16:25 Type: QC
 Method: SW846062811(v4) 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	k 513.6	kF 766.9	k 1489.
Stddev	20.5	643.0	1248.
%RSD	3.983	83.85	83.83

#1	k 490.6	k 24.34	k 47.66
#2	529.9	1139.	2208.
#3	520.2	1138.	2210.

Check ?	Chk Pass	Chk Fail	Chk Pass
High Limit		1470.	
Low Limit		805.0	

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4294.5	57073.	13309.
Stddev	66.2	8122.	4899.
%RSD	1.5409	14.231	36.806

#1	4370.5	66451.	18966.
#2	4249.4	52315.	10486.
#3	4263.7	52452.	10476.

Sample Name: 460-28310-a-3-a@4 Acquired: 7/3/2011 11:20:05 Type: Unk

Method: SW846062811(v4) 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	11220.	3.339	-.9871	61.01	.7012	18270.
Stddev	18.	.843	.2991	.24	.0959	9.
%RSD	.1594	25.25	30.30	.3912	13.68	.0485

#1	11240.	2.756	-.7085	61.23	.7778	18270.
#2	11200.	4.306	-.9496	61.05	.7322	18270.
#3	11220.	2.955	-1.303	60.76	.5936	18260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0272	13.59	26.65	34.74	32720.	2033.
Stddev	.1520	.08	.27	.83	101.	31.
%RSD	558.7	.5582	1.029	2.375	.3094	1.546

#1	.1327	13.52	26.77	34.32	32660.	2068.
#2	-.0444	13.67	26.85	34.20	32840.	2009.
#3	-.1699	13.59	26.34	35.69	32670.	2021.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-3-a@4 Acquired: 7/3/2011 11:20:05 Type: Unk

Method: SW846062811(v4) 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	11530.	772.8	295.7	48.52	11.72	-.8517
Stddev	39.	2.6	7.2	.20	.36	.7820
%RSD	.3392	.3426	2.451	.4064	3.054	91.82

#1	11500.	771.7	300.1	48.54	11.30	-.1522
#2	11570.	775.9	299.8	48.32	11.91	-.7068
#3	11510.	771.0	287.4	48.71	11.94	-1.696

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	2.211	-1.872	35.59	70.26	6.360	.2107
Stddev	.731	.821	.33	.22	.456	.2668
%RSD	33.05	43.85	.9296	.3106	7.175	126.6

#1	1.371	-1.032	35.92	70.40	6.876	.2428
#2	2.565	-1.912	35.59	70.38	6.010	-.0707
#3	2.698	-2.672	35.26	70.01	6.195	.4601

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-3-a@4 Acquired: 7/3/2011 11:20:05 Type: Unk
Method: SW846062811(v4) 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	1.750	37.72	550.1
Stddev	.525	.08	2.9
%RSD	29.99	.2207	.5205

#1	1.405	37.81	547.1
#2	2.354	37.64	552.8
#3	1.491	37.72	550.4

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	4133.3	51194.	9965.1
Stddev	5.3	220.	33.5
%RSD	.12777	.43054	.33575

#1	4129.2	51366.	10003.
#2	4139.3	50945.	9940.7
#3	4131.5	51269.	9951.4

Sample Name: 460-28310-b-4-d@4 Acquired: 7/3/2011 11:23:52 Type: Unk

Method: SW846062811(v4) 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	21750.	8.554	-.7313	146.2	2.210	7295.
Stddev	46.	3.244	.5505	.0	.037	21.
%RSD	.2107	37.93	75.28	.0211	1.685	.2887

#1	21700.	10.25	-.7832	146.3	2.253	7274.
#2	21790.	4.813	-1.254	146.2	2.186	7316.
#3	21760.	10.60	-.1567	146.2	2.191	7294.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7971	24.57	64.96	107.2	57390.	5843.
Stddev	.0303	.29	.54	1.8	58.	39.
%RSD	3.798	1.201	.8288	1.722	.1011	.6757

#1	.7631	24.82	64.51	105.1	57330.	5834.
#2	.8073	24.66	64.80	108.5	57440.	5809.
#3	.8211	24.25	65.55	108.0	57400.	5886.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-4-d@4 Acquired: 7/3/2011 11:23:52 Type: Unk

Method: SW846062811(v4) 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	11280.	1208.	884.3	95.51	32.54	-1.739
Stddev	23.	1.	9.9	.86	1.20	1.114
%RSD	.2020	.0910	1.118	.9052	3.695	64.05

#1	11250.	1207.	888.0	95.41	31.48	-2.539
#2	11300.	1208.	891.7	96.41	32.31	-.4668
#3	11280.	1209.	873.0	94.69	33.85	-2.212

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	.2732	-5.478	94.46	243.6	4.650	1.297
Stddev	1.469	.896	.11	.8	.457	.154
%RSD	537.9	16.36	.1176	.3255	9.833	11.84

#1	1.408	-6.190	94.48	244.3	4.477	1.248
#2	.7984	-4.472	94.34	243.8	5.169	1.174
#3	-1.387	-5.772	94.56	242.8	4.305	1.469

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-4-d@4 Acquired: 7/3/2011 11:23:52 Type: Unk
Method: SW846062811(v4) 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	1.870	28.17	1529.
Stddev	.176	.13	4.
%RSD	9.392	.4695	.2786

#1	1.964	28.04	1526.
#2	1.667	28.31	1534.
#3	1.977	28.15	1527.

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	4339.0	53608.	10485.
Stddev	10.6	93.	27.
%RSD	.24409	.17331	.25475

#1	4326.8	53627.	10463.
#2	4345.0	53507.	10477.
#3	4345.2	53690.	10514.

Sample Name: 460-28310-a-5-d@4 Acquired: 7/3/2011 11:27:36 Type: Unk

Method: SW846062811(v4) 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	12090.	4.198	-8688	77.32	.9625	4278.
Stddev	26.	1.249	.6167	.11	.0799	11.
%RSD	.2189	29.75	70.98	.1484	8.305	.2505

#1	12090.	4.506	-1.571	77.46	1.038	4266.
#2	12110.	2.824	-.6201	77.27	.8790	4285.
#3	12060.	5.265	-.4153	77.25	.9699	4284.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3089	15.34	34.85	31.07	37370.	3679.
Stddev	.0858	.12	.45	4.47	90.	59.
%RSD	27.78	.7785	1.278	14.37	.2420	1.593

#1	-.2105	15.37	34.46	30.21	37270.	3617.
#2	-.3483	15.44	35.33	27.10	37400.	3684.
#3	-.3679	15.21	34.76	35.91	37440.	3734.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-5-d@4 Acquired: 7/3/2011 11:27:36 Type: Unk

Method: SW846062811(v4) 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	8387.	247.3	491.7	103.3	15.44	.3926
Stddev	16.	.7	5.5	.4	.59	.7931
%RSD	.1966	.2960	1.127	.3948	3.799	202.0

#1	8375.	246.6	491.8	103.5	14.88	-.5042
#2	8406.	248.1	497.1	103.5	16.05	.6799
#3	8381.	247.2	486.1	102.8	15.39	1.002

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	.6191	-1.937	45.28	62.03	9.348	.1423
Stddev	1.269	.927	.24	.26	.290	.1103
%RSD	204.9	47.85	.5387	.4238	3.106	77.49

#1	1.914	-1.819	45.12	61.73	9.673	.2627
#2	-.6218	-2.917	45.56	62.22	9.114	.1182
#3	.5652	-1.075	45.15	62.15	9.257	.0461

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-5-d@4 Acquired: 7/3/2011 11:27:36 Type: Unk
Method: SW846062811(v4) 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	1.556	19.28	677.2
Stddev	.235	.08	1.4
%RSD	15.09	.4341	.2112

#1	1.565	19.18	677.7
#2	1.785	19.29	678.3
#3	1.316	19.35	675.6

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	4227.3	51909.	10196.
Stddev	6.9	112.	44.
%RSD	.16229	.21506	.42899

#1	4232.9	52012.	10227.
#2	4229.5	51924.	10215.
#3	4219.7	51790.	10146.

Sample Name: 460-28310-b-6-d@4 Acquired: 7/3/2011 11:31:19 Type: Unk

Method: SW846062811(v4) 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	10160.	3.656	-.4292	80.54	.5465	25280.
Stddev	14.	2.342	.9573	.20	.0439	18.
%RSD	.1395	64.06	223.1	.2486	8.039	.0710

#1	10140.	4.952	-.0382	80.71	.5563	25280.
#2	10170.	.9524	-1.520	80.59	.5847	25260.
#3	10160.	5.062	.2708	80.32	.4985	25290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0717	10.92	17.45	27.41	26130.	1698.
Stddev	.0811	.13	.18	1.38	47.	5.
%RSD	113.1	1.155	1.031	5.043	.1811	.3042

#1	-.0032	10.78	17.40	27.88	26150.	1698.
#2	-.1612	11.02	17.30	25.86	26070.	1693.
#3	-.0506	10.97	17.65	28.50	26160.	1703.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-6-d@4 Acquired: 7/3/2011 11:31:19 Type: Unk

Method: SW846062811(v4) 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	11560.	783.4	201.6	25.37	10.44	-.4376
Stddev	21.	1.6	2.7	.40	1.44	1.395
%RSD	.1810	.1991	1.350	1.557	13.79	318.8

#1	11550.	783.2	198.6	25.74	9.898	.9725
#2	11550.	782.0	202.2	24.95	9.346	-1.817
#3	11590.	785.1	204.0	25.42	12.07	-.4681

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	.3694	-2.909	23.11	52.66	3.742	.0298
Stddev	3.327	.534	.26	.04	.449	.1560
%RSD	900.6	18.35	1.103	.0733	12.01	523.4

#1	1.477	-2.844	22.89	52.67	3.968	.1580
#2	3.001	-3.472	23.39	52.69	4.034	.0753
#3	-3.370	-2.411	23.05	52.62	3.225	-.1439

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-6-d@4 Acquired: 7/3/2011 11:31:19 Type: Unk
 Method: SW846062811(v4) 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	1.104	42.24	404.6
Stddev	.635	.06	1.9
%RSD	57.48	.1413	.4643

#1	1.063	42.25	402.4
#2	1.759	42.17	405.8
#3	.4913	42.28	405.5

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	4130.7	51010.	9973.2
Stddev	8.0	119.	2.1
%RSD	.19248	.23250	.02131

#1	4134.8	50963.	9971.0
#2	4121.5	51145.	9975.2
#3	4135.7	50923.	9973.3

Sample Name: 460-28310-a-7-d@4 Acquired: 7/3/2011 11:35:03 Type: Unk

Method: SW846062811(v4) 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	9161.	1.797	-.7032	65.38	.5560	16930.
Stddev	9.	.330	.1524	.08	.0467	6.
%RSD	.0998	18.39	21.67	.1241	8.399	.0382

#1	9161.	2.012	-.8551	65.29	.5048	16930.
#2	9170.	1.963	-.5503	65.42	.5669	16930.
#3	9152.	1.416	-.7042	65.43	.5962	16920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0459	9.026	21.06	24.60	31600.	1281.
Stddev	.0627	.176	.26	1.40	107.	11.
%RSD	136.8	1.950	1.237	5.704	.3400	.8329

#1	-.0910	8.940	20.86	23.09	31480.	1277.
#2	.0258	9.229	21.36	25.86	31630.	1293.
#3	-.0724	8.910	20.96	24.84	31680.	1274.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-7-d@4 Acquired: 7/3/2011 11:35:03 Type: Unk

Method: SW846062811(v4) 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	8624.	579.9	232.6	32.60	10.53	-.4793
Stddev	27.	2.3	8.8	.38	1.14	2.293
%RSD	.3076	.3988	3.762	1.175	10.80	478.5

#1	8601.	577.3	222.6	33.05	11.27	2.158
#2	8653.	581.1	236.9	32.36	9.223	-2.007
#3	8618.	581.4	238.4	32.40	11.10	-1.588

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	-.4814	-2.042	38.01	56.93	3.076	.3261
Stddev	3.402	1.859	.81	.41	.701	.1708
%RSD	706.7	91.04	2.124	.7152	22.78	52.39

#1	.8780	-2.446	37.17	57.32	3.789	.1929
#2	-4.353	-.0143	38.78	56.97	3.050	.2667
#3	2.031	-3.666	38.07	56.51	2.389	.5186

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-7-d@4 Acquired: 7/3/2011 11:35:03 Type: Unk
 Method: SW846062811(v4) 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	.8661	33.08	421.2
Stddev	.0523	.08	1.1
%RSD	6.044	.2513	.2512

#1	.8673	33.15	421.9
#2	.8131	33.11	420.0
#3	.9178	32.99	421.8

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	4156.4	51553.	9984.9
Stddev	5.8	98.	13.2
%RSD	.13858	.18942	.13193

#1	4156.3	51578.	9999.9
#2	4162.2	51635.	9975.2
#3	4150.7	51445.	9979.6

Sample Name: 460-28310-b-8-d@4 Acquired: 7/3/2011 11:38:47 Type: Unk

Method: SW846062811(v4) 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	10760.	3.058	-.4333	85.73	.6192	22390.
Stddev	12.	1.138	.3804	.15	.0702	26.
%RSD	.1152	37.20	87.79	.1806	11.33	.1168

#1	10770.	4.294	.0046	85.74	.6567	22380.
#2	10760.	2.823	-.6816	85.88	.5382	22410.
#3	10750.	2.056	-.6229	85.57	.6627	22360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0871	8.199	25.79	30.17	26010.	2108.
Stddev	.0456	.072	.41	3.17	36.	22.
%RSD	52.36	.8753	1.604	10.50	.1370	1.053

#1	-.0447	8.144	25.32	33.50	25980.	2113.
#2	-.1354	8.280	26.05	27.20	26050.	2083.
#3	-.0814	8.173	26.01	29.79	25990.	2126.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-8-d@4 Acquired: 7/3/2011 11:38:47 Type: Unk

Method: SW846062811(v4) 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	10370.	735.2	320.6	25.56	9.384	.1730
Stddev	13.	.9	1.6	.16	.193	1.073
%RSD	.1226	.1204	.4913	.6400	2.060	620.4

#1	10360.	734.9	319.5	25.75	9.501	1.405
#2	10370.	736.2	322.4	25.49	9.161	-.3269
#3	10380.	734.5	320.0	25.45	9.490	-.5589

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	-.6756	-3.026	24.68	52.84	5.016	1.310
Stddev	1.212	1.104	.17	.33	.587	.289
%RSD	179.4	36.48	.6980	.6157	11.70	22.04

#1	.7002	-4.203	24.70	53.18	5.170	.9772
#2	-1.141	-2.013	24.49	52.81	5.511	1.496
#3	-1.586	-2.863	24.83	52.53	4.368	1.455

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-8-d@4 Acquired: 7/3/2011 11:38:47 Type: Unk
Method: SW846062811(v4) 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	1.375	39.14	514.9
Stddev	.223	.16	.8
%RSD	16.22	.4024	.1588

#1	1.483	39.27	515.7
#2	1.119	39.19	515.0
#3	1.524	38.97	514.0

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	4137.2	51013.	9948.8
Stddev	5.2	33.	11.7
%RSD	.12450	.06561	.11719

#1	4131.7	50997.	9936.9
#2	4138.0	51052.	9949.1
#3	4141.9	50991.	9960.2

Sample Name: 460-28310-b-9-d@4 Acquired: 7/3/2011 11:42:29 Type: Unk

Method: SW846062811(v4) 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	13350.	9.068	-.7934	105.0	.9014	5058.
Stddev	46.	1.470	.1196	.2	.0979	25.
%RSD	.3469	16.21	15.07	.1749	10.86	.4874

#1	13340.	10.77	-.7287	104.9	.8592	5054.
#2	13410.	8.203	-.7200	105.2	1.013	5084.
#3	13320.	8.236	-.9313	104.8	.8316	5035.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0644	18.50	44.89	49.16	56000.	2711.
Stddev	.0099	.10	.13	1.58	46.	17.
%RSD	15.41	.5262	.2848	3.209	.0826	.6188

#1	.0586	18.61	45.03	48.06	55960.	2716.
#2	.0587	18.44	44.78	50.97	55980.	2724.
#3	.0758	18.44	44.85	48.46	56050.	2692.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-9-d@4 Acquired: 7/3/2011 11:42:29 Type: Unk

Method: SW846062811(v4) 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	11090.	934.9	432.2	104.1	20.97	-1.281
Stddev	29.	1.1	15.3	.8	.67	.346
%RSD	.2572	.1209	3.536	.7635	3.184	27.01

#1	11080.	935.3	417.2	104.8	21.17	-1.547
#2	11130.	935.8	447.7	104.3	21.52	-1.405
#3	11070.	933.6	431.8	103.2	20.23	-8898

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	.1920	-3.543	65.95	216.2	3.791	1.216
Stddev	3.776	2.113	.15	.1	.258	.094
%RSD	1967.	59.65	.2325	.0445	6.807	7.723

#1	-.6969	-5.984	66.08	216.3	3.606	1.172
#2	-3.060	-2.325	65.99	216.2	3.682	1.152
#3	4.333	-2.322	65.79	216.1	4.086	1.324

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-b-9-d@4 Acquired: 7/3/2011 11:42:29 Type: Unk
Method: SW846062811(v4) 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	1.030	17.77	786.3
Stddev	.410	.13	2.6
%RSD	39.80	.7331	.3295

#1	.9152	17.91	788.7
#2	1.485	17.65	786.6
#3	.6896	17.75	783.6

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	4210.9	51829.	10083.
Stddev	6.4	103.	36.
%RSD	.15152	.19804	.35619

#1	4204.1	51899.	10120.
#2	4211.9	51876.	10048.
#3	4216.8	51711.	10083.

Sample Name: 460-28310-a-10-d@4 Acquired: 7/3/2011 11:46:11 Type: Unk

Method: SW846062811(v4) 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	51610.	17.08	-1.658	276.0	2.384	21990.
Stddev	44.	1.98	.516	.3	.036	55.
%RSD	.0852	11.58	31.15	.0940	1.527	.2492

#1	51650.	16.36	-1.228	276.2	2.344	22000.
#2	51560.	15.55	-1.515	275.7	2.416	22040.
#3	51620.	19.31	-2.230	276.1	2.391	21930.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4997	39.42	108.7	114.5	98610.	6057.
Stddev	.0688	.39	.3	3.3	109.	44.
%RSD	13.76	.9935	.3002	2.901	.1102	.7265

#1	-4373	39.17	108.5	116.7	98680.	6007.
#2	-4886	39.21	109.1	110.7	98480.	6090.
#3	-5734	39.87	108.5	116.2	98660.	6074.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-10-d@4 Acquired: 7/3/2011 11:46:11 Type: Unk

Method: SW846062811(v4) 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	21570.	2243.	309.5	140.3	110.7	-.4603
Stddev	29.	1.	7.6	.7	1.0	.9308
%RSD	.1355	.0231	2.440	.5270	.8707	202.2

#1	21540.	2243.	317.0	140.3	111.4	-.4046
#2	21600.	2244.	309.7	141.0	111.1	-1.418
#3	21580.	2243.	301.9	139.6	109.6	.4415

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	1.097	-7.801	167.8	274.9	7.131	.8125
Stddev	3.257	2.032	.6	.9	.548	.1081
%RSD	296.9	26.05	.3442	.3176	7.685	13.31

#1	2.568	-9.601	168.1	274.7	6.498	.7679
#2	-2.636	-5.597	167.1	275.9	7.434	.7339
#3	3.358	-8.205	168.1	274.2	7.460	.9358

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28310-a-10-d@4 Acquired: 7/3/2011 11:46:11 Type: Unk
Method: SW846062811(v4) 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	6.103	74.29	2355.
Stddev	.434	.12	3.
%RSD	7.109	.1607	.1267

#1	5.630	74.39	2356.
#2	6.197	74.33	2356.
#3	6.482	74.16	2351.

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	4276.8	52333.	10299.
Stddev	2.9	125.	19.
%RSD	.06746	.23963	.18860

#1	4276.4	52188.	10296.
#2	4274.0	52397.	10320.
#3	4279.8	52413.	10281.

Sample Name: CCV Acquired: 7/3/2011 11:49:55 Type: QC
Method: SW846062811(v4) 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	123800.	2487.	1222.	10030.	992.9	128600.
Stddev	614.	3.	2.	8.	4.9	593.
%RSD	.4964	.1345	.1973	.0777	.4958	.4614

#1	123300.	2484.	1225.	10020.	989.0	128000.
#2	124500.	2487.	1220.	10030.	998.5	129200.
#3	123600.	2491.	1221.	10030.	991.3	128600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1251.	2492.	5009.	12430.	102600.	50100.
Stddev	1.	4.	12.	47.	54.	221.
%RSD	.0725	.1421	.2491	.3751	.0527	.4401

#1	1250.	2488.	5024.	12400.	102700.	49850.
#2	1252.	2493.	5004.	12490.	102600.	50280.
#3	1251.	2494.	5001.	12410.	102700.	50170.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 11:49:55 Type: QC
Method: SW846062811(v4) 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.	5119.	125500.	2514.	7482.	1008.
Stddev	274.	13.	546.	2.	9.	3.
%RSD	.2177	.2608	.4347	.0793	.1227	.2529

#1	126100.	5115.	125000.	2512.	7471.	1006.
#2	125700.	5134.	126100.	2515.	7486.	1009.
#3	125600.	5109.	125500.	2515.	7488.	1011.

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	2450.	2524.	2539.	2471.	994.9	2504.
Stddev	3.	5.	1.	4.	5.0	2.
%RSD	.1117	.1988	.0567	.1502	.5008	.0895

#1	2448.	2519.	2538.	2468.	989.2	2501.
#2	2453.	2525.	2537.	2471.	998.1	2506.
#3	2450.	2529.	2540.	2475.	997.5	2505.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 11:49:55 Type: QC
 Method: SW846062811(v4) 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.	5054.	9918.
Stddev	1.	69.	40.
%RSD	.0501	1.356	.4038

#1	1004.	4976.	9879.
#2	1005.	5100.	9959.
#3	1004.	5087.	9916.

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	3812.5	46375.	9543.7
Stddev	16.0	175.	59.6
%RSD	.41910	.37657	.62416

#1	3829.8	46554.	9604.7
#2	3809.3	46364.	9485.6
#3	3798.3	46206.	9540.7

Sample Name: CCB Acquired: 7/3/2011 11:53:43 Type: QC
Method: SW846062811(v4) 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	9.240	1.621	-.2091	.2516	.0567	8.180
Stddev	8.222	1.581	.2266	.1049	.0880	5.984
%RSD	88.99	97.52	108.4	41.69	155.0	73.15

#1	18.24	.3203	-.0099	.1917	.1349	12.71
#2	7.364	3.381	-.4556	.3727	.0738	1.398
#3	2.118	1.163	-.1618	.1904	-.0385	10.43

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	.0733	.1673	-.2961	2.802	-1.950	56.94
Stddev	.0436	.3387	.4739	1.691	4.058	38.34
%RSD	59.41	202.4	160.0	60.35	208.0	67.33

#1	.0420	-.2081	.0235	4.708	1.260	12.88
#2	.1231	.2604	-.0713	2.216	-.6001	75.27
#3	.0548	.4498	-.8407	1.482	-6.511	82.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 11:53:43 Type: QC
Method: SW846062811(v4) 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	1.984	.0805	9.582	.2773	.7192	1.073
Stddev	.376	.0510	13.99	.1999	1.086	.639
%RSD	18.96	63.40	146.0	72.08	150.9	59.55

#1	1.811	.1394	25.70	.1912	.7765	.8120
#2	1.725	.0502	.6745	.5059	1.775	1.802
#3	2.415	.0519	2.370	.1349	-.3939	.6063

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	.1385	-.7580	-.1760	-.1616	1.718	.4618
Stddev	.4116	.3084	.4798	.0564	.552	.2493
%RSD	297.1	40.69	272.5	34.90	32.14	53.98

#1	.4893	-1.003	.3696	-.1989	2.237	.5148
#2	.2410	-.4117	-.5319	-.1891	1.137	.6805
#3	-.3147	-.8589	-.3658	-.0967	1.780	.1903

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 11:53:43 Type: QC
Method: SW846062811(v4) 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	.0751	.1426	2.150
Stddev	.4416	.0397	1.094
%RSD	588.0	27.84	50.89

#1	.5811	.1689	.9766
#2	-.1232	.1618	2.330
#3	-.2326	.0969	3.142

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	4128.8	51130.	9830.4
Stddev	2.5	36.	21.8
%RSD	.06013	.07082	.22184

#1	4126.4	51137.	9807.3
#2	4128.4	51162.	9850.6
#3	4131.4	51091.	9833.4

Sample Name: 460-28327-b-6-a@4 Acquired: 7/3/2011 11:57:36 Type: Unk

Method: SW846062811(v4) 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	17490.	16.13	-.2890	261.4	.8150	8702.
Stddev	24.	.71	.2843	.5	.0459	5.
%RSD	.1357	4.416	98.36	.1749	5.634	.0545

#1	17510.	16.73	-.2639	261.9	.8600	8707.
#2	17480.	15.34	-.5850	261.1	.7682	8698.
#3	17460.	16.31	-.0181	261.3	.8170	8701.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.701	19.34	31.93	168.1	60680.	1675.
Stddev	.106	.26	.30	1.1	404.	29.
%RSD	6.256	1.330	.9527	.6744	.6661	1.708

#1	1.815	19.19	31.62	169.1	60280.	1668.
#2	1.685	19.64	31.95	166.9	61090.	1706.
#3	1.604	19.20	32.22	168.2	60670.	1650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-6-a@4 Acquired: 7/3/2011 11:57:36 Type: Unk

Method: SW846062811(v4) 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	5963.	4373.	541.6	38.32	124.0	3.106
Stddev	17.	16.	4.7	.54	1.2	1.614
%RSD	.2928	.3757	.8709	1.397	.9370	51.95

#1	5943.	4358.	545.4	38.71	124.7	3.778
#2	5976.	4391.	536.3	37.71	122.6	1.265
#3	5971.	4371.	543.0	38.54	124.5	4.276

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	2.250	-4.793	62.43	457.0	16.90	1.153
Stddev	.907	.571	.38	1.3	.78	.095
%RSD	40.33	11.92	.6134	.2863	4.626	8.222

#1	1.669	-4.169	62.17	457.9	17.45	1.187
#2	3.296	-5.290	62.24	457.7	17.25	1.045
#3	1.786	-4.921	62.87	455.5	16.01	1.225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-6-a@4 Acquired: 7/3/2011 11:57:36 Type: Unk
 Method: SW846062811(v4) 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	38.65	27.95	583.7
Stddev	.76	.13	1.6
%RSD	1.979	.4735	.2694

#1	38.42	27.93	585.5
#2	38.02	27.83	582.6
#3	39.50	28.09	583.0

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	4234.6	52166.	10210.
Stddev	11.0	115.	26.
%RSD	.25965	.22118	.25758

#1	4222.9	52174.	10181.
#2	4244.8	52046.	10218.
#3	4236.2	52277.	10231.

Sample Name: 460-28327-b-7-a@4 Acquired: 7/3/2011 12:01:26 Type: Unk

Method: SW846062811(v4) 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	8657.	5.597	-1.148	79.51	.3965	2302.
Stddev	9.	2.312	.027	.31	.0237	13.
%RSD	.1090	41.30	2.361	.3942	5.983	.5794

#1	8662.	4.488	-1.161	79.76	.4152	2313.
#2	8664.	4.049	-1.167	79.62	.3698	2307.
#3	8646.	8.255	-1.117	79.16	.4046	2287.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0978	12.41	20.02	39.69	31970.	1024.
Stddev	.0147	.31	.21	.66	63.	22.
%RSD	15.07	2.523	1.034	1.660	.1959	2.146

#1	.0898	12.05	20.25	38.93	31970.	1006.
#2	.1148	12.63	19.96	40.03	32040.	1048.
#3	.0889	12.55	19.85	40.10	31920.	1018.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-7-a@4 Acquired: 7/3/2011 12:01:26 Type: Unk

Method: SW846062811(v4) 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	5154.	704.5	289.5	27.77	17.63	-.1683
Stddev	7.	.5	2.8	.22	.07	.7051
%RSD	.1373	.0689	.9525	.8054	.4028	418.8

#1	5162.	703.9	292.2	28.00	17.65	.0871
#2	5149.	704.8	286.7	27.77	17.70	.3734
#3	5151.	704.7	289.6	27.55	17.56	-.9655

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	1.477	-2.830	37.30	153.5	4.192	.5072
Stddev	2.193	1.808	.15	.3	.362	.3219
%RSD	148.5	63.90	.4052	.1923	8.639	63.46

#1	3.833	-1.758	37.47	153.8	4.533	.6367
#2	-.5038	-4.918	37.19	153.5	3.812	.1408
#3	1.100	-1.815	37.24	153.2	4.231	.7442

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-7-a@4 Acquired: 7/3/2011 12:01:26 Type: Unk
Method: SW846062811(v4) 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	1.744	9.102	330.6
Stddev	.238	.041	1.8
%RSD	13.65	.4495	.5497

#1	1.702	9.063	331.7
#2	1.529	9.100	331.7
#3	1.999	9.145	328.5

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	4176.5	51340.	9917.0
Stddev	5.2	95.	15.9
%RSD	.12347	.18523	.16045

#1	4172.2	51413.	9926.3
#2	4175.0	51233.	9898.6
#3	4182.2	51376.	9926.1

Sample Name: 460-28327-b-8-a@4 Acquired: 7/3/2011 12:05:11 Type: Unk

Method: SW846062811(v4) 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	17090.	10.18	-.5978	192.1	.8136	5128.
Stddev	75.	1.47	.3469	.7	.0607	15.
%RSD	.4380	14.45	58.04	.3543	7.460	.2925

#1	17150.	10.34	-.7593	192.7	.8833	5144.
#2	17110.	8.635	-.1995	192.3	.7851	5114.
#3	17000.	11.56	-.8345	191.4	.7723	5126.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1772	24.37	27.39	23.59	48970.	1014.
Stddev	.0312	.24	.13	1.20	144.	42.
%RSD	17.59	.9800	.4792	5.087	.2933	4.120

#1	.1882	24.60	27.39	23.29	49100.	1038.
#2	.2014	24.13	27.52	24.91	48980.	965.5
#3	.1420	24.38	27.26	22.57	48810.	1037.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-8-a@4 Acquired: 7/3/2011 12:05:11 Type: Unk

Method: SW846062811(v4) 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	7307.	3830.	257.4	32.01	34.13	.9575
Stddev	8.	20.	10.6	.13	.34	1.435
%RSD	.1109	.5169	4.129	.4186	1.000	149.9

#1	7314.	3808.	245.4	31.94	34.10	.0032
#2	7298.	3836.	261.1	32.17	34.48	.2616
#3	7308.	3846.	265.7	31.93	33.80	2.608

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	.7966	-3.936	52.03	194.5	.8688	1.890
Stddev	.2745	.420	.15	.3	.6880	.350
%RSD	34.46	10.66	.2944	.1784	79.19	18.53

#1	.4798	-4.322	52.12	194.8	1.655	2.209
#2	.9645	-3.996	51.86	194.6	.5711	1.516
#3	.9457	-3.489	52.13	194.1	.3798	1.946

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-8-a@4 Acquired: 7/3/2011 12:05:11 Type: Unk
Method: SW846062811(v4) 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	2.237	18.30	660.9
Stddev	.264	.12	1.1
%RSD	11.78	.6572	.1717

#1	1.977	18.28	661.3
#2	2.230	18.43	659.6
#3	2.504	18.20	661.7

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	4225.2	51505.	10085.
Stddev	10.1	128.	63.
%RSD	.23850	.24854	.62123

#1	4213.7	51359.	10013.
#2	4232.2	51599.	10131.
#3	4229.8	51556.	10111.

Sample Name: 460-28327-b-9-a@4 Acquired: 7/3/2011 12:09:02 Type: Unk

Method: SW846062811(v4) 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	15780.	7.539	-9521	118.8	.7646	4684.
Stddev	55.	1.037	.3187	.1	.0554	17.
%RSD	.3510	13.76	33.48	.0819	7.241	.3619

#1	15780.	8.610	-.6172	118.8	.7747	4666.
#2	15840.	6.539	-1.252	118.9	.7049	4686.
#3	15730.	7.469	-.9872	118.7	.8142	4700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4790	13.87	36.29	38.56	29250.	1403.
Stddev	.0168	.26	.34	.53	177.	10.
%RSD	3.502	1.888	.9384	1.377	.6051	.7030

#1	.4691	13.83	35.91	37.99	29370.	1414.
#2	.4695	14.15	36.43	38.67	29320.	1401.
#3	.4984	13.63	36.55	39.04	29040.	1395.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-9-a@4 Acquired: 7/3/2011 12:09:02 Type: Unk

Method: SW846062811(v4) 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	4412.	765.7	283.3	24.44	173.8	.6218
Stddev	5.	2.0	13.8	.14	.5	.8132
%RSD	.1052	.2650	4.855	.5573	.2920	130.8

#1	4416.	766.9	298.0	24.38	173.5	1.289
#2	4413.	766.9	270.7	24.35	173.4	-.2842
#3	4407.	763.4	281.3	24.60	174.4	.8607

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	.8325	-3.128	47.80	191.6	2.716	.7905
Stddev	.7773	.642	.43	.5	.246	.3573
%RSD	93.37	20.54	.8961	.2372	9.053	45.20

#1	.9397	-2.551	48.25	191.3	2.467	.9784
#2	.0072	-3.820	47.74	192.1	2.723	.3784
#3	1.551	-3.012	47.40	191.3	2.958	1.015

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-9-a@4 Acquired: 7/3/2011 12:09:02 Type: Unk
Method: SW846062811(v4) 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	3.289	21.35	374.6
Stddev	.246	.13	1.2
%RSD	7.474	.6022	.3130

#1	3.331	21.34	373.2
#2	3.025	21.48	374.9
#3	3.511	21.22	375.5

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	4263.9	52206.	10157.
Stddev	3.7	300.	38.
%RSD	.08715	.57531	.37824

#1	4260.1	52073.	10151.
#2	4267.6	51996.	10199.
#3	4263.9	52550.	10122.

Sample Name: 460-28327-b-10-a@4 Acquired: 7/3/2011 12:12:44 Type: Unk

Method: SW846062811(v4) 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	19400.	13.63	-.7735	169.7	.9502	3424.
Stddev	141.	1.03	.6087	.9	.0604	28.
%RSD	.7270	7.571	78.70	.5424	6.361	.8106

#1	19260.	14.72	-1.052	168.7	.9941	3396.
#2	19390.	12.66	-.0754	169.9	.9753	3424.
#3	19540.	13.51	-1.193	170.5	.8813	3451.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0077	20.62	33.53	74.13	57610.	1806.
Stddev	.0758	.37	.22	3.82	364.	11.
%RSD	983.9	1.810	.6478	5.149	.6318	.6106

#1	.0715	20.42	33.72	69.76	57220.	1795.
#2	-.0796	21.05	33.59	76.81	57690.	1817.
#3	-.0151	20.38	33.29	75.81	57930.	1807.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-10-a@4 Acquired: 7/3/2011 12:12:44 Type: Unk

Method: SW846062811(v4) 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	8906.	1296.	240.2	43.19	29.93	-1.038
Stddev	59.	8.	9.2	.53	.62	1.456
%RSD	.6576	.6381	3.841	1.218	2.068	140.3

#1	8843.	1287.	250.6	43.04	29.26	-2.029
#2	8915.	1300.	237.1	42.75	30.48	-1.718
#3	8959.	1302.	232.9	43.77	30.04	.6341

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	2.779	-2.056	64.24	237.1	1.798	.3199
Stddev	1.249	.672	.77	1.1	.006	.2157
%RSD	44.96	32.67	1.193	.4720	.3198	67.43

#1	2.607	-2.817	63.37	236.2	1.797	.5437
#2	4.105	-1.808	64.58	236.8	1.792	.3028
#3	1.624	-1.544	64.78	238.4	1.804	.1133

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28327-b-10-a@4 Acquired: 7/3/2011 12:12:44 Type: Unk
 Method: SW846062811(v4) 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	1.586	14.30	316.3
Stddev	.198	.16	2.9
%RSD	12.50	1.130	.9306

#1	1.391	14.18	313.9
#2	1.580	14.24	315.3
#3	1.788	14.48	319.6

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	4189.5	51361.	10039.
Stddev	6.3	103.	7.
%RSD	.15132	.20066	.06976

#1	4183.5	51458.	10034.
#2	4196.1	51371.	10047.
#3	4188.9	51252.	10036.

Sample Name: 460-28087-d-1-g@4 Acquired: 7/3/2011 12:16:26 Type: Unk

Method: SW846062811(v4) 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	16500.	30.04	-.1710	535.2	1.329	21550.
Stddev	33.	1.16	.3616	1.6	.061	19.
%RSD	.1971	3.863	211.5	.3004	4.569	.0859

#1	16520.	28.86	-.2163	536.9	1.399	21560.
#2	16470.	31.18	-.5078	535.0	1.298	21550.
#3	16520.	30.06	.2111	533.7	1.290	21530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.38	26.18	68.82	597.3	89170.	2036.
Stddev	.08	.04	.19	1.7	397.	26.
%RSD	.7610	.1567	.2701	.2858	.4454	1.254

#1	10.37	26.22	68.84	596.4	89460.	2046.
#2	10.31	26.16	68.62	596.3	89320.	2006.
#3	10.47	26.15	68.99	599.3	88720.	2054.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-1-g@4 Acquired: 7/3/2011 12:16:26 Type: Unk

Method: SW846062811(v4) 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	3798.	856.0	390.5	73.30	3687.	52.23
Stddev	13.	3.6	3.8	.58	6.	.90
%RSD	.3437	.4192	.9814	.7981	.1738	1.729

#1	3805.	859.5	386.5	73.87	3693.	52.71
#2	3806.	856.2	394.1	73.34	3689.	51.19
#3	3783.	852.3	391.1	72.70	3680.	52.79

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	2.623	-2.908	86.17	1742.	19.22	7.137
Stddev	.862	2.555	.67	4.	.86	.267
%RSD	32.86	87.88	.7817	.2371	4.457	3.738

#1	1.696	-2.429	86.93	1746.	19.49	6.848
#2	2.773	-5.669	85.92	1741.	18.26	7.373
#3	3.401	-.6257	85.65	1738.	19.91	7.189

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-1-g@4 Acquired: 7/3/2011 12:16:26 Type: Unk
 Method: SW846062811(v4) 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	257.1	165.3	364.7
Stddev	1.5	.6	1.1
%RSD	.5728	.3388	.2880

#1	258.7	165.5	364.9
#2	256.7	165.7	365.7
#3	255.8	164.6	363.6

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	4221.6	51812.	10184.
Stddev	6.6	317.	2.
%RSD	.15679	.61190	.02132

#1	4214.2	51477.	10183.
#2	4223.6	51851.	10183.
#3	4226.9	52108.	10187.

Sample Name: 460-28087-d-2-e@4 Acquired: 7/3/2011 12:20:07 Type: Unk

Method: SW846062811(v4) 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	14480.	27.41	-.3711	298.3	1.441	18830.
Stddev	37.	2.32	.5701	.8	.118	53.
%RSD	.2578	8.476	153.6	.2681	8.210	.2818

#1	14470.	27.00	-.3709	298.2	1.534	18850.
#2	14440.	25.33	-.9412	297.6	1.481	18770.
#3	14520.	29.92	.1989	299.2	1.308	18870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.577	37.19	24.06	90.46	24240.	1633.
Stddev	.029	.38	.18	.85	105.	21.
%RSD	1.825	1.027	.7374	.9396	.4333	1.272

#1	1.609	36.89	24.20	90.43	24130.	1611.
#2	1.569	37.05	23.86	91.32	24250.	1637.
#3	1.553	37.62	24.11	89.62	24340.	1652.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-2-e@4 Acquired: 7/3/2011 12:20:07 Type: Unk

Method: SW846062811(v4) 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	1945.	297.9	336.3	42.72	2011.	2.107
Stddev	6.	1.6	10.9	.09	4.	1.680
%RSD	.2859	.5220	3.240	.2207	.1959	79.76

#1	1940.	296.3	336.1	42.66	2008.	4.008
#2	1944.	298.1	325.5	42.68	2008.	1.490
#3	1951.	299.4	347.3	42.83	2015.	.8221

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	-3.3253	-1.472	58.79	615.4	19.66	4.456
Stddev	.9842	1.735	.55	.3	.36	.235
%RSD	302.5	117.8	.9418	.0556	1.838	5.285

#1	-.0311	-.0147	58.18	615.2	20.06	4.199
#2	-1.423	-3.391	58.95	615.2	19.56	4.505
#3	.4782	-1.012	59.25	615.8	19.36	4.663

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-2-e@4 Acquired: 7/3/2011 12:20:07 Type: Unk
 Method: SW846062811(v4) 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	32.97	276.0	287.2
Stddev	.51	.6	.9
%RSD	1.545	.2279	.3189

#1	32.47	276.5	288.2
#2	32.94	275.3	286.4
#3	33.49	276.3	286.9

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	4213.5	51722.	10088.
Stddev	12.7	156.	43.
%RSD	.30022	.30193	.42445

#1	4205.5	51728.	10058.
#2	4228.1	51875.	10137.
#3	4206.9	51563.	10069.

Sample Name: 460-28087-d-3-a@4 Acquired: 7/3/2011 12:23:49 Type: Unk

Method: SW846062811(v4) 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	17550.	47.14	-.3443	532.4	1.402	24870.
Stddev	49.	1.35	.2781	.5	.068	64.
%RSD	.2783	2.864	80.75	.0959	4.862	.2565

#1	17600.	46.74	-.0375	532.1	1.326	24930.
#2	17530.	46.03	-.4159	532.1	1.457	24800.
#3	17510.	48.64	-.5796	533.0	1.424	24870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2724	26.00	41.97	168.0	109600.	4006.
Stddev	.0542	.43	.52	1.6	533.	32.
%RSD	19.91	1.644	1.243	.9381	.4861	.7964

#1	.2104	25.79	42.51	166.5	110200.	4036.
#2	.3112	26.49	41.92	169.7	109400.	3973.
#3	.2955	25.72	41.47	167.8	109200.	4011.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-3-a@4 Acquired: 7/3/2011 12:23:49 Type: Unk

Method: SW846062811(v4) 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	3903.	758.5	581.9	52.74	579.3	6.212
Stddev	3.	1.7	6.3	.48	.9	1.572
%RSD	.0762	.2192	1.086	.9112	.1527	25.31

#1	3906.	760.4	588.0	53.10	578.6	5.190
#2	3901.	757.6	582.5	52.20	579.0	5.424
#3	3901.	757.4	575.4	52.93	580.3	8.023

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	9.795	-2.565	102.2	513.6	30.28	13.15
Stddev	1.850	.298	.4	.2	.13	.35
%RSD	18.89	11.64	.4010	.0368	.4221	2.690

#1	7.879	-2.221	102.4	513.8	30.22	12.87
#2	11.57	-2.747	101.7	513.4	30.43	13.04
#3	9.936	-2.728	102.4	513.5	30.19	13.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-3-a@4 Acquired: 7/3/2011 12:23:49 Type: Unk
 Method: SW846062811(v4) 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	1540.	351.9	286.7
Stddev	3.	1.2	.7
%RSD	.2267	.3295	.2315

#1	1540.	353.2	285.9
#2	1543.	351.0	287.0
#3	1536.	351.5	287.1

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	4205.8	51760.	10124.
Stddev	5.3	155.	44.
%RSD	.12567	.29912	.43254

#1	4208.6	51582.	10074.
#2	4209.2	51858.	10155.
#3	4199.7	51842.	10142.

Sample Name: 460-28087-d-4-a@4 Acquired: 7/3/2011 12:27:30 Type: Unk

Method: SW846062811(v4) 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	21400.	43.30	.2578	610.6	1.756	14580.
Stddev	13.	.44	.6449	2.5	.043	33.
%RSD	.0590	1.020	250.1	.4125	2.453	.2251

#1	21390.	43.23	.9305	607.8	1.715	14540.
#2	21420.	42.89	-.3551	612.6	1.801	14610.
#3	21390.	43.77	.1981	611.3	1.754	14590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.95	34.38	339.9	450.7	89320.	2659.
Stddev	.08	.21	.5	3.1	315.	41.
%RSD	.6447	.6202	.1415	.6811	.3526	1.553

#1	12.02	34.16	339.7	447.9	89280.	2623.
#2	11.98	34.40	340.5	450.2	89030.	2651.
#3	11.87	34.58	339.6	454.0	89650.	2704.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-4-a@4 Acquired: 7/3/2011 12:27:30 Type: Unk

Method: SW846062811(v4) 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	7469.	1141.	303.2	206.5	1634.	41.28
Stddev	15.	2.	16.3	.6	1.	1.56
%RSD	.1979	.1639	5.364	.2971	.0882	3.784

#1	7466.	1140.	305.6	205.9	1632.	39.67
#2	7456.	1140.	285.8	207.2	1634.	42.79
#3	7485.	1143.	318.1	206.4	1635.	41.36

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	4.233	-2.186	72.25	1219.	11.14	4.175
Stddev	1.102	.715	.21	2.	.52	.245
%RSD	26.04	32.72	.2940	.1236	4.649	5.858

#1	3.321	-1.409	72.34	1219.	11.67	4.409
#2	5.458	-2.816	72.00	1220.	11.10	4.195
#3	3.920	-2.334	72.40	1217.	10.64	3.921

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28087-d-4-a@4 Acquired: 7/3/2011 12:27:30 Type: Unk
 Method: SW846062811(v4) 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	236.3	186.1	443.9
Stddev	.4	.5	1.1
%RSD	.1493	.2430	.2388

#1	235.9	185.6	442.9
#2	236.6	186.4	445.0
#3	236.4	186.3	443.8

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	4233.0	51867.	10195.
Stddev	3.6	189.	18.
%RSD	.08405	.36532	.17739

#1	4233.2	51732.	10207.
#2	4229.3	52084.	10174.
#3	4236.4	51786.	10204.

Sample Name: 460-28177-a-70-a@10 Acquired: 7/3/2011 12:31:10 Type: Unk

Method: SW846062811(v4) 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	18630.	77.51	-1.085	94.11	.6330	345.7
Stddev	79.	1.62	.305	.15	.0086	4.2
%RSD	.4234	2.092	28.12	.1551	1.352	1.210

#1	18650.	75.68	-.7438	94.14	.6243	345.1
#2	18710.	78.74	-1.180	94.24	.6414	341.8
#3	18550.	78.12	-1.331	93.96	.6332	350.1

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	3.811	4.198	28.33	47.75	37350.	683.7
Stddev	.066	.082	.35	1.89	91.	10.0
%RSD	1.735	1.942	1.250	3.966	.2447	1.462

#1	3.887	4.285	28.05	48.42	37430.	695.1
#2	3.778	4.187	28.73	45.62	37380.	679.6
#3	3.768	4.123	28.21	49.22	37250.	676.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-70-a@10 Acquired: 7/3/2011 12:31:10 Type: Unk

Method: SW846062811(v4) 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	891.9	56.87	-2.867	10.33	248.5	6.445
Stddev	4.4	.07	10.39	.33	.7	.676
%RSD	.4983	.1271	362.4	3.175	.3010	10.48

#1	894.7	56.89	-14.52	9.962	249.3	6.989
#2	894.2	56.79	.4873	10.59	247.8	5.689
#3	886.8	56.93	5.431	10.44	248.4	6.656

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	2.588	.5971	77.00	62.77	2.328	2.316
Stddev	1.777	.8754	.24	.16	.941	.125
%RSD	68.66	146.6	.3141	.2559	40.43	5.406

#1	4.639	1.329	77.11	62.60	3.311	2.452
#2	1.535	-.3725	76.72	62.79	2.239	2.290
#3	1.589	.8348	77.17	62.92	1.434	2.206

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-70-a@10 Acquired: 7/3/2011 12:31:10 Type: Unk
 Method: SW846062811(v4) 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	6.516	4.351	118.2
Stddev	.477	.067	.7
%RSD	7.323	1.546	.5594

#1	6.015	4.312	118.9
#2	6.567	4.313	117.7
#3	6.965	4.429	117.9

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	4289.3	52607.	10207.
Stddev	2.0	53.	34.
%RSD	.04778	.10060	.33448

#1	4290.9	52566.	10187.
#2	4290.1	52588.	10246.
#3	4287.0	52667.	10187.

Sample Name: CCV Acquired: 7/3/2011 12:34:56 Type: QC
Method: SW846062811(v4) 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.	2478.	1217.	9983.	984.5	127500.
Stddev	301.	5.	1.	19.	1.3	145.
%RSD	.2442	.2206	.0677	.1944	.1344	.1135

#1	123100.	2472.	1218.	9961.	984.2	127500.
#2	123400.	2477.	1217.	9999.	985.9	127700.
#3	122800.	2483.	1216.	9989.	983.3	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	1245.	2480.	4971.	12340.	101600.	49720.
Stddev	2.	6.	7.	20.	216.	73.
%RSD	.1647	.2619	.1376	.1614	.2126	.1465

#1	1243.	2474.	4979.	12340.	101900.	49760.
#2	1247.	2487.	4966.	12360.	101600.	49630.
#3	1246.	2479.	4969.	12320.	101500.	49750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 12:34:56 Type: QC
Method: SW846062811(v4) 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.	5084.	124500.	2500.	7454.	1004.
Stddev	153.	6.	330.	3.	16.	3.
%RSD	.1224	.1155	.2652	.1359	.2169	.2568

#1	125200.	5082.	124900.	2498.	7436.	1002.
#2	125000.	5090.	124400.	2504.	7468.	1003.
#3	124900.	5079.	124200.	2498.	7456.	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	2446.	2523.	2513.	2467.	989.5	2498.
Stddev	7.	2.	1.	4.	4.7	3.
%RSD	.2663	.0815	.0565	.1567	.4751	.1349

#1	2439.	2523.	2511.	2463.	984.1	2494.
#2	2452.	2526.	2514.	2470.	992.5	2501.
#3	2445.	2522.	2513.	2467.	992.0	2498.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 12:34:56 Type: QC
Method: SW846062811(v4) 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	997.6	4994.	9873.
Stddev	1.9	14.	20.
%RSD	.1874	.2821	.2059

#1	996.6	4993.	9855.
#2	999.8	4981.	9895.
#3	996.5	5009.	9868.

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	3824.8	46684.	9589.8
Stddev	12.8	148.	9.9
%RSD	.33573	.31657	.10347

#1	3837.0	46819.	9601.2
#2	3825.9	46707.	9584.5
#3	3811.4	46527.	9583.6

Sample Name: CCB Acquired: 7/3/2011 12:38:44 Type: QC
Method: SW846062811(v4) 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	-.4528	.0141	-.8387	.2485	.0227	4.155
Stddev	6.832	.1581	.4655	.0206	.0148	8.388
%RSD	1509.	1123.	55.50	8.276	65.03	201.9

#1	4.558	.0061	-.8899	.2638	.0389	4.132
#2	2.318	-.1398	-.3497	.2251	.0192	-4.221
#3	-8.234	.1760	-1.276	.2566	.0100	12.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0177	.2868	-.1909	2.290	-.7003	56.92
Stddev	.0526	.2039	.3218	2.194	4.001	7.13
%RSD	296.3	71.08	168.6	95.78	571.3	12.54

#1	-.0084	.1882	-.1486	-.2309	-2.619	53.40
#2	.0783	.1510	-.5318	3.762	3.899	65.13
#3	-.0167	.5212	.1077	3.340	-3.381	52.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 12:38:44 Type: QC
Method: SW846062811(v4) 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	2.059	.1079	8.854	-.1887	.8416	-.1585
Stddev	2.917	.0302	3.945	.1664	.7527	1.072
%RSD	141.6	28.03	44.56	88.17	89.44	676.3
#1	1.919	.0826	7.372	-.3264	.7977	-1.005
#2	5.044	.1414	13.33	-.0038	.1118	-.5175
#3	-.7850	.0997	5.864	-.2360	1.615	1.047

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	-.0703	.4584	-.1455	-.0286	1.851	.3506
Stddev	1.140	.1475	.1158	.0386	.964	.1241
%RSD	1622.	32.17	79.65	135.2	52.10	35.40
#1	.0025	.4277	-.0576	.0020	2.927	.4829
#2	1.032	.3287	-.2767	-.0157	1.558	.2368
#3	-1.245	.6188	-.1020	-.0720	1.067	.3322

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 12:38:44 Type: QC
 Method: SW846062811(v4) 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	.1472	.2045	1.750
Stddev	.1387	.0934	.373
%RSD	94.26	45.67	21.30

#1	.1887	.1457	1.331
#2	.2603	.3122	2.045
#3	-.0076	.1556	1.876

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	4153.1	51416.	9832.5
Stddev	4.6	199.	1.6
%RSD	.11017	.38775	.01617

#1	4153.4	51626.	9832.0
#2	4157.5	51229.	9834.3
#3	4148.4	51394.	9831.3

Sample Name: mb 460-78708/1-a@2 Acquired: 7/3/2011 12:42:36 Type: QC

Method: SW846062811(v4) 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	-11.62	.9151	-.3413	.0500	.0077	9.525
Stddev	6.38	1.202	.4076	.0558	.1044	2.853
%RSD	54.91	131.3	119.4	111.5	1356.	29.95

#1	-5.584	.6943	-.2451	.0513	.1215	6.796
#2	-10.98	2.212	-.7885	-.0064	-.0837	12.49
#3	-18.29	-.1607	.0096	.1052	-.0148	9.292

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0344	-.1268	.2477	1.583	-8.012	21.46
Stddev	.0803	.1189	.3001	2.851	2.658	25.93
%RSD	233.4	93.78	121.1	180.1	33.18	120.8

#1	-.0427	.0102	.0583	-1.551	-6.476	51.34
#2	.1176	-.1878	.5938	2.276	-6.479	4.735
#3	.0283	-.2029	.0912	4.023	-11.08	8.323

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78708/1-a@2 Acquired: 7/3/2011 12:42:36 Type: QC

Method: SW846062811(v4) 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	.1100	.0162	3.866	.2277	1.797	-.8621
Stddev	2.446	.0253	5.082	.2390	.473	.7603
%RSD	2224.	156.3	131.4	105.0	26.31	88.19

#1	-2.585	.0402	8.633	.0195	2.341	-.1455
#2	2.189	.0185	4.447	.4887	1.493	-1.660
#3	.7260	-.0102	-1.481	.1748	1.556	-.7813

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	-.8245	-1.597	.0540	2.115	.4192	.2742
Stddev	.4416	.949	.4620	.110	.3310	.0361
%RSD	53.56	59.45	855.5	5.180	78.96	13.17

#1	-1.333	-.6134	-.4773	1.998	.7961	.3114
#2	-.5421	-2.508	.3606	2.130	.1758	.2393
#3	-.5980	-1.669	.2788	2.216	.2856	.2719

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78708/1-a@2 Acquired: 7/3/2011 12:42:36 Type: QC
Method: SW846062811(v4) 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	.7487	.0347	1.605
Stddev	.8884	.0840	.832
%RSD	118.7	242.1	51.86

#1	.0307	.1185	2.341
#2	1.742	-.0495	.7019
#3	.4731	.0351	1.772

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	4144.0	51394.	9838.6
Stddev	8.5	178.	55.2
%RSD	.20447	.34640	.56108

#1	4136.2	51265.	9778.3
#2	4153.0	51319.	9850.9
#3	4142.9	51597.	9886.6

Sample Name: lcssrm 460-78708/2-a Acquired: 7/3/2011 12:46:28 Type: QC

Method: SW846062811(v4) 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	42790.	499.0	142.7	979.2	388.2	51930.
Stddev	151.	2.2	.1	1.9	.5	136.
%RSD	.3534	.4397	.0627	.1928	.1295	.2609

#1	42950.	499.5	142.7	979.9	388.8	52030.
#2	42780.	500.9	142.7	980.6	388.0	51770.
#3	42650.	496.6	142.6	977.1	387.9	51980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	306.8	488.0	1246.	874.6	92950.	20540.
Stddev	.9	1.9	1.	4.6	438.	31.
%RSD	.2949	.3911	.0685	.5226	.4716	.1516

#1	306.8	488.1	1246.	878.4	92660.	20560.
#2	307.7	489.9	1247.	869.5	93460.	20550.
#3	305.9	486.1	1245.	875.9	92750.	20500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78708/2-a Acquired: 7/3/2011 12:46:28 Type: QC

Method: SW846062811(v4) 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	18580.	2967.	4902.	730.4	418.1	938.7
Stddev	20.	6.	15.	1.8	1.0	.7
%RSD	.1089	.1966	.3000	.2500	.2299	.0704

#1	18560.	2963.	4915.	731.4	419.2	938.6
#2	18600.	2974.	4886.	731.5	417.8	939.4
#3	18590.	2966.	4906.	728.3	417.3	938.1

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	1376.	660.2	586.5	2943.	698.4	277.4
Stddev	4.	3.5	2.9	8.	2.1	.7
%RSD	.2595	.5362	.4906	.2748	.2937	.2614

#1	1380.	659.7	584.2	2943.	697.3	277.4
#2	1376.	664.0	589.7	2951.	700.7	278.1
#3	1373.	657.0	585.5	2935.	697.1	276.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78708/2-a Acquired: 7/3/2011 12:46:28 Type: QC
 Method: SW846062811(v4) 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	540.8	1138.	2183.
Stddev	1.1	3.	2.
%RSD	.1958	.2436	.0791

#1	540.9	1140.	2185.
#2	541.8	1135.	2182.
#3	539.7	1140.	2181.

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	4265.7	52027.	10436.
Stddev	7.1	126.	40.
%RSD	.16569	.24199	.38720

#1	4273.8	52147.	10394.
#2	4260.7	51896.	10474.
#3	4262.6	52039.	10439.

Sample Name: 460-28292-a-1-b du@4 Acquired: 7/3/2011 12:50:01 Type: Unk

Method: SW846062811(v4) 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	29680.	9.232	-8175	73.46	4987	173.7
Stddev	106.	2.112	.8102	.22	.0077	12.4
%RSD	.3575	22.88	99.11	.3009	1.534	7.138

#1	29680.	9.245	-1.127	73.33	.5032	182.0
#2	29580.	11.34	-1.428	73.71	.4899	159.4
#3	29790.	7.113	.1017	73.33	.5032	179.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2029	4.657	49.83	17.52	34130.	852.8
Stddev	.0740	.299	.05	.66	61.	32.0
%RSD	36.45	6.417	.0908	3.768	.1789	3.752

#1	-.1182	4.838	49.83	16.83	34180.	880.6
#2	-.2546	4.820	49.87	18.14	34140.	860.0
#3	-.2359	4.312	49.78	17.61	34060.	817.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-1-b du@4 Acquired: 7/3/2011 12:50:01 Type: Unk

Method: SW846062811(v4) 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	1373.	145.1	.6543	13.13	27.48	-.3857
Stddev	6.	.2	14.04	.29	.86	.7874
%RSD	.4403	.1142	2146.	2.216	3.127	204.2

#1	1366.	145.0	-14.86	13.29	26.61	-.3493
#2	1374.	145.0	12.49	12.79	27.50	.3829
#3	1378.	145.3	4.334	13.30	28.32	-1.191

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	4.279	-2.733	66.54	40.52	5.128	2.864
Stddev	1.126	2.203	.60	.24	.936	.228
%RSD	26.31	80.62	.9027	.5961	18.25	7.957

#1	5.574	-5.276	66.78	40.65	6.008	2.929
#2	3.532	-1.399	66.98	40.67	5.230	3.052
#3	3.731	-1.524	65.85	40.24	4.145	2.610

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-1-b du@4 Acquired: 7/3/2011 12:50:01 Type: Unk
Method: SW846062811(v4) 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	1.876	5.292	437.0
Stddev	.749	.025	3.3
%RSD	39.94	.4777	.7630

#1	2.422	5.306	437.3
#2	2.185	5.307	433.6
#3	1.022	5.263	440.2

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	4237.4	51689.	10046.
Stddev	11.3	69.	35.
%RSD	.26657	.13296	.34382

#1	4230.8	51648.	10031.
#2	4230.9	51769.	10086.
#3	4250.4	51652.	10021.

Sample Name: 460-28292-a-1-a@4 Acquired: 7/3/2011 12:53:45 Type: Unk

Method: SW846062811(v4) 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	30260.	9.196	-.2400	79.45	.5473	175.7
Stddev	37.	1.125	.7230	.09	.0252	5.9
%RSD	.1237	12.24	301.3	.1085	4.604	3.339

#1	30220.	10.46	.0947	79.54	.5762	177.5
#2	30260.	8.302	.2550	79.42	.5363	180.4
#3	30300.	8.827	-1.070	79.37	.5296	169.1

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	-.2072	5.560	48.08	17.12	34550.	720.9
Stddev	.0868	.049	.30	3.60	206.	22.1
%RSD	41.90	.8720	.6143	21.05	.5966	3.066

#1	-.1440	5.588	48.41	21.24	34750.	725.0
#2	-.3062	5.589	47.98	15.57	34580.	697.0
#3	-.1714	5.505	47.84	14.55	34340.	740.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-1-a@4 Acquired: 7/3/2011 12:53:45 Type: Unk

Method: SW846062811(v4) 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	1575.	167.2	-3.460	15.17	26.24	-1.812
Stddev	3.	.3	17.11	.12	.39	.186
%RSD	.1835	.1744	494.6	.7947	1.502	10.26

#1	1578.	167.4	-20.30	15.27	25.96	-1.708
#2	1575.	167.3	13.92	15.21	26.07	-2.026
#3	1573.	166.8	-4.004	15.04	26.69	-1.701

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	1.884	-1.834	61.66	44.73	3.302	2.571
Stddev	1.165	2.001	.75	.17	.164	.269
%RSD	61.85	109.1	1.211	.3788	4.972	10.46

#1	2.793	-1.092	62.47	44.61	3.314	2.729
#2	2.287	-.3103	61.50	44.93	3.132	2.260
#3	.5706	-4.100	61.00	44.66	3.459	2.723

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-1-a@4 Acquired: 7/3/2011 12:53:45 Type: Unk
Method: SW846062811(v4) 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	1.618	5.126	481.6
Stddev	.550	.068	.9
%RSD	33.98	1.334	.1772

#1	1.961	5.047	482.1
#2	1.910	5.167	482.1
#3	.9840	5.164	480.6

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	4234.3	51757.	10060.
Stddev	2.8	133.	18.
%RSD	.06595	.25696	.17685

#1	4231.2	51631.	10040.
#2	4235.0	51744.	10073.
#3	4236.6	51896.	10068.

Sample Name: sd 460-28292-a-1-a@2 Acquired: 7/3/2011 12:57:28 Type: Unk

Method: SW846062811(v4) 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	5964.	.9353	.1601	15.57	.0896	30.91
Stddev	36.	1.724	.2181	.13	.0763	4.93
%RSD	.6112	184.3	136.3	.8500	85.16	15.95

#1	5982.	.1820	.4012	15.48	.0896	34.56
#2	5987.	2.908	-.0233	15.72	.1658	32.88
#3	5922.	-.2838	.1023	15.51	.0132	25.30

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0802	1.129	9.085	4.082	6792.	153.1
Stddev	.0364	.032	.170	2.375	26.	8.6
%RSD	45.45	2.811	1.866	58.17	.3871	5.589

#1	-.0449	1.150	9.239	6.689	6813.	143.8
#2	-.1177	1.093	9.114	3.513	6800.	160.6
#3	-.0780	1.145	8.903	2.044	6763.	155.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28292-a-1-a@2 Acquired: 7/3/2011 12:57:28 Type: Unk

Method: SW846062811(v4) 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	307.0	32.87	-21.40	2.730	5.505	.4750
Stddev	1.8	.16	15.68	.333	.249	1.222
%RSD	.5799	.4723	73.26	12.20	4.530	257.4

#1	307.2	33.05	-39.30	2.733	5.491	.8651
#2	305.2	32.76	-14.85	2.395	5.264	-.8949
#3	308.7	32.80	-10.06	3.061	5.762	1.455

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	.5771	-1.086	11.74	8.883	.8593	.3091
Stddev	1.342	.391	.30	.082	.3321	.2274
%RSD	232.6	35.99	2.588	.9230	38.64	73.54

#1	.0903	-1.500	11.52	8.959	.9430	.2088
#2	2.095	-.7228	11.61	8.796	1.142	.1492
#3	-.4539	-1.036	12.09	8.895	.4934	.5694

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28292-a-1-a@2 Acquired: 7/3/2011 12:57:28 Type: Unk
Method: SW846062811(v4) 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	.6094	1.088	95.21
Stddev	.3024	.197	1.08
%RSD	49.62	18.14	1.138

#1	.8717	.9926	94.66
#2	.6778	.9562	96.46
#3	.2787	1.315	94.52

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	4223.8	51813.	9962.2
Stddev	13.9	66.	12.4
%RSD	.32830	.12784	.12426

#1	4232.8	51736.	9963.9
#2	4230.7	51846.	9973.7
#3	4207.8	51856.	9949.1

Sample Name: 460-28292-a-1-c ms@4 Acquired: 7/3/2011 13:01:15 Type: Unk
Method: SW846062811(v4) 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	38500.	881.7	35.59	1066.	24.43	10280.
Stddev	16.	1.4	.37	1.	.19	18.
%RSD	.0408	.1605	1.028	.0614	.7784	.1797

#1	38510.	883.1	36.01	1066.	24.44	10260.
#2	38480.	880.3	35.39	1066.	24.23	10280.
#3	38510.	881.9	35.37	1067.	24.61	10290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.56	251.1	150.2	137.5	34790.	10290.
Stddev	.08	.5	.8	2.7	182.	54.
%RSD	.3489	.2035	.5524	1.960	.5239	.5264

#1	23.57	251.2	150.2	140.4	34900.	10330.
#2	23.47	250.5	151.1	135.0	34890.	10220.
#3	23.63	251.5	149.4	137.1	34580.	10300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-1-c ms@4 Acquired: 7/3/2011 13:01:15 Type: Unk

Method: SW846062811(v4) 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	11270.	401.1	9628.	264.2	275.7	225.5
Stddev	42.	1.3	17.	.3	.7	.8
%RSD	.3693	.3149	.1790	.1236	.2410	.3608

#1	11280.	401.7	9618.	263.9	275.1	224.9
#2	11320.	402.0	9619.	264.2	276.4	225.1
#3	11230.	399.7	9648.	264.5	275.6	226.4

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	866.1	1035.	307.9	288.2	218.0	239.4
Stddev	1.1	3.	1.4	.2	1.0	.4
%RSD	.1263	.2773	.4502	.0866	.4514	.1748

#1	867.4	1032.	309.1	288.0	216.9	239.1
#2	865.5	1036.	308.3	288.2	218.5	239.1
#3	865.5	1038.	306.4	288.5	218.7	239.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-1-c ms@4 Acquired: 7/3/2011 13:01:15 Type: Unk
 Method: SW846062811(v4) 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	243.1	248.7	797.4
Stddev	.9	.1	1.6
%RSD	.3726	.0497	.2061

#1	242.6	248.7	798.0
#2	242.5	248.9	795.5
#3	244.1	248.6	798.7

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	4140.0	50693.	9884.7
Stddev	1.9	385.	35.7
%RSD	.04659	.75853	.36156

#1	4138.0	50337.	9877.4
#2	4141.8	50641.	9923.5
#3	4140.3	51100.	9853.1

Sample Name: ps 460-28292-a-1-a@4 Acquired: 7/3/2011 13:04:49 Type: Unk

Method: SW846062811(v4) 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	34260.	1690.	30.95	1895.	44.72	18790.
Stddev	162.	7.	.36	3.	.15	27.
%RSD	.4716	.4179	1.148	.1753	.3410	.1458

#1	34080.	1691.	30.79	1897.	44.84	18800.
#2	34350.	1697.	30.70	1897.	44.77	18810.
#3	34370.	1682.	31.36	1891.	44.55	18760.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43.89	458.0	230.0	238.3	37810.	17980.
Stddev	.21	1.5	1.1	.8	388.	60.
%RSD	.4684	.3365	.4696	.3173	1.026	.3336

#1	44.09	459.1	228.8	239.0	37480.	18000.
#2	43.89	458.8	230.7	237.5	37710.	18030.
#3	43.68	456.3	230.6	238.6	38240.	17910.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ps 460-28292-a-1-a@4 Acquired: 7/3/2011 13:04:49 Type: Unk

Method: SW846062811(v4) 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	19080.	636.5	17860.	470.3	480.8	418.1
Stddev	57.	2.8	34.	.9	1.0	2.0
%RSD	.2977	.4461	.1877	.1827	.2153	.4816

#1	19040.	634.4	17830.	471.0	479.9	420.5
#2	19060.	635.4	17890.	470.6	481.9	417.1
#3	19140.	639.7	17850.	469.4	480.4	416.8

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	1670.	1900.	509.5	487.6	732.8	445.6
Stddev	5.	9.	3.1	1.1	1.7	.6
%RSD	.3251	.4691	.6175	.2220	.2351	.1325

#1	1672.	1904.	507.4	488.1	734.6	446.0
#2	1673.	1906.	507.9	488.3	732.4	445.9
#3	1663.	1889.	513.1	486.3	731.2	444.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ps 460-28292-a-1-a@4 Acquired: 7/3/2011 13:04:49 Type: Unk
 Method: SW846062811(v4) 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	447.9	447.2	958.5
Stddev	1.3	.7	1.1
%RSD	.2942	.1512	.1105

#1	449.1	447.5	958.5
#2	448.2	447.6	959.5
#3	446.5	446.4	957.4

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	4122.8	50417.	9964.8
Stddev	3.5	300.	38.1
%RSD	.08421	.59493	.38216

#1	4124.5	50657.	9933.1
#2	4118.8	50513.	9954.2
#3	4125.1	50081.	10007.

Sample Name: 460-28177-a-71-a@10 Acquired: 7/3/2011 13:08:20 Type: Unk

Method: SW846062811(v4) 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	6948.	15.27	-.5380	68.32	.4212	7678.
Stddev	5.	.16	.1320	.08	.0750	9.
%RSD	.0698	1.028	24.53	.1189	17.80	.1203

#1	6953.	15.10	-.3859	68.22	.4422	7668.
#2	6947.	15.28	-.6220	68.37	.4834	7678.
#3	6944.	15.42	-.6062	68.36	.3380	7687.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.568	4.660	20.21	53.75	16810.	843.3
Stddev	.038	.189	.26	3.56	53.	48.8
%RSD	1.477	4.056	1.281	6.630	.3134	5.789

#1	2.593	4.639	20.29	57.62	16800.	819.4
#2	2.524	4.482	20.43	53.01	16870.	899.4
#3	2.587	4.858	19.93	50.61	16770.	811.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-71-a@10 Acquired: 7/3/2011 13:08:20 Type: Unk

Method: SW846062811(v4) 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	2275.	308.8	54.80	10.48	812.4	15.54
Stddev	7.	.4	6.62	.08	2.3	1.19
%RSD	.2975	.1421	12.08	.7804	.2796	7.651

#1	2283.	309.1	47.75	10.52	811.1	14.37
#2	2273.	309.1	55.77	10.39	815.1	16.74
#3	2270.	308.3	60.89	10.54	811.2	15.51

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	1.588	-1.404	38.87	98.05	9.403	1.232
Stddev	2.769	1.374	.52	.30	.389	.239
%RSD	174.4	97.84	1.348	.3012	4.137	19.41

#1	-1.063	.1747	39.23	98.16	9.357	1.408
#2	1.366	-2.328	39.10	98.28	9.813	1.330
#3	4.462	-2.059	38.27	97.72	9.039	.9599

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-71-a@10 Acquired: 7/3/2011 13:08:20 Type: Unk
 Method: SW846062811(v4) 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	9.442	18.67	172.5
Stddev	.480	.06	.3
%RSD	5.080	.3245	.1842

#1	9.713	18.71	172.5
#2	9.725	18.60	172.2
#3	8.888	18.69	172.8

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	4241.6	52524.	10173.
Stddev	6.2	177.	16.
%RSD	.14586	.33648	.15838

#1	4248.1	52596.	10159.
#2	4241.0	52322.	10191.
#3	4235.8	52653.	10170.

Sample Name: 460-28177-a-72-a@10 Acquired: 7/3/2011 13:12:03 Type: Unk

Method: SW846062811(v4) 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	5433.	13.16	-.4350	32.87	.2637	2153.
Stddev	19.	.61	.1939	.09	.0257	15.
%RSD	.3570	4.601	44.58	.2714	9.729	.6857

#1	5417.	12.54	-.2355	32.94	.2341	2146.
#2	5428.	13.75	-.6228	32.92	.2798	2170.
#3	5455.	13.19	-.4466	32.77	.2773	2142.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.515	2.356	11.69	19.97	10950.	317.2
Stddev	.048	.160	.33	1.40	23.	12.2
%RSD	3.146	6.779	2.858	7.021	.2071	3.836

#1	1.545	2.315	11.96	21.56	10940.	307.3
#2	1.460	2.222	11.32	19.46	10940.	313.7
#3	1.540	2.533	11.80	18.90	10980.	330.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-72-a@10 Acquired: 7/3/2011 13:12:03 Type: Unk

Method: SW846062811(v4) 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	781.3	85.78	10.56	5.634	503.8	9.086
Stddev	4.1	.46	12.79	.374	1.2	.472
%RSD	.5183	.5361	121.0	6.635	.2470	5.192

#1	780.0	85.33	3.883	5.665	505.1	8.586
#2	778.1	85.78	2.501	5.245	503.7	9.524
#3	785.9	86.25	25.31	5.991	502.6	9.149

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	.4865	-1.757	27.92	44.23	2.220	.8042
Stddev	.7413	.760	.49	.17	.618	.3379
%RSD	152.4	43.27	1.767	.3781	27.84	42.02

#1	1.307	-2.612	27.50	44.37	2.717	1.175
#2	-.1358	-1.505	27.78	44.28	2.415	.7237
#3	.2887	-1.155	28.46	44.04	1.528	.5137

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-72-a@10 Acquired: 7/3/2011 13:12:03 Type: Unk
 Method: SW846062811(v4) 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	5.652	7.322	98.17
Stddev	.600	.116	.63
%RSD	10.62	1.582	.6403

#1	6.344	7.454	97.76
#2	5.333	7.277	98.89
#3	5.278	7.236	97.86

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	4219.2	52424.	10108.
Stddev	1.7	137.	16.
%RSD	.03940	.26115	.16285

#1	4220.3	52555.	10097.
#2	4217.3	52437.	10099.
#3	4220.1	52282.	10127.

Sample Name: 460-28177-a-73-a@10 Acquired: 7/3/2011 13:15:47 Type: Unk

Method: SW846062811(v4) 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	7763.	13.30	.0783	71.43	.4088	3924.
Stddev	7.	.78	.6542	.09	.0108	6.
%RSD	.0838	5.830	835.8	.1309	2.647	.1516

#1	7761.	14.16	-.6745	71.53	.4037	3923.
#2	7771.	13.11	.4002	71.39	.4015	3919.
#3	7758.	12.64	.5092	71.36	.4212	3931.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.792	4.494	48.58	30.00	16780.	628.3
Stddev	.025	.098	.17	2.75	50.	7.1
%RSD	1.371	2.178	.3457	9.163	.2976	1.136

#1	1.818	4.512	48.55	33.01	16740.	628.2
#2	1.769	4.581	48.43	29.39	16780.	635.6
#3	1.788	4.388	48.76	27.61	16830.	621.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-73-a@10 Acquired: 7/3/2011 13:15:47 Type: Unk

Method: SW846062811(v4) 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	1781.	425.4	88.01	13.22	840.1	13.19
Stddev	13.	1.2	9.93	.54	1.3	.39
%RSD	.7039	.2859	11.28	4.077	.1506	2.960

#1	1779.	424.1	98.31	13.71	838.7	13.57
#2	1770.	425.4	87.22	13.31	841.0	12.79
#3	1795.	426.6	78.50	12.64	840.7	13.22

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	-1.1357	-1.238	35.61	145.4	3.904	1.156
Stddev	1.209	1.139	.42	.1	.032	.122
%RSD	891.0	92.05	1.180	.1024	.8198	10.56

#1	-1.274	-2.473	35.90	145.5	3.927	1.206
#2	1.134	-.2284	35.13	145.2	3.918	1.245
#3	-.2670	-1.011	35.80	145.4	3.867	1.017

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-73-a@10 Acquired: 7/3/2011 13:15:47 Type: Unk
 Method: SW846062811(v4) 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	9.991	12.72	177.8
Stddev	.946	.04	1.4
%RSD	9.469	.2894	.7673

#1	9.666	12.74	179.0
#2	9.250	12.68	178.1
#3	11.06	12.75	176.3

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	4250.3	52286.	10100.
Stddev	17.9	154.	19.
%RSD	.42081	.29468	.18472

#1	4229.7	52256.	10099.
#2	4260.2	52453.	10082.
#3	4261.1	52150.	10119.

Sample Name: CCV Acquired: 7/3/2011 13:19:32 Type: QC
Method: SW846062811(v4) 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	122400.	2473.	1212.	9959.	976.6	126700.
Stddev	197.	7.	2.	5.	.7	225.
%RSD	.1609	.3017	.1912	.0476	.0686	.1775

#1	122300.	2472.	1209.	9954.	975.9	126700.
#2	122400.	2482.	1212.	9963.	977.2	126900.
#3	122700.	2467.	1214.	9960.	976.8	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	1243.	2479.	4941.	12290.	100800.	49230.
Stddev	.	3.	2.	6.	453.	20.
%RSD	.0057	.1064	.0409	.0477	.4495	.0401

#1	1243.	2476.	4938.	12280.	101200.	49240.
#2	1243.	2481.	4942.	12290.	100700.	49250.
#3	1243.	2478.	4941.	12290.	100300.	49210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 13:19:32 Type: QC
Method: SW846062811(v4) 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.	5033.	123500.	2497.	7454.	1000.
Stddev	182.	22.	652.	2.	3.	1.
%RSD	.1458	.4410	.5280	.0805	.0431	.0810

#1	124700.	5008.	124000.	2494.	7451.	1000.
#2	124700.	5050.	123800.	2498.	7456.	999.2
#3	124300.	5041.	122800.	2498.	7457.	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	2441.	2525.	2486.	2471.	990.4	2502.
Stddev	1.	3.	10.	2.	1.0	3.
%RSD	.0548	.1174	.3883	.0984	.1010	.0999

#1	2441.	2529.	2495.	2472.	989.2	2502.
#2	2442.	2523.	2486.	2473.	990.9	2504.
#3	2440.	2524.	2476.	2469.	991.0	2499.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 13:19:32 Type: QC
Method: SW846062811(v4) 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	997.0	4974.	9838.
Stddev	1.0	36.	8.
%RSD	.1012	.7310	.0836

#1	998.1	5002.	9833.
#2	996.3	4988.	9834.
#3	996.5	4933.	9848.

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	3843.3	47095.	9645.8
Stddev	12.3	55.	4.9
%RSD	.32077	.11762	.05063

#1	3855.4	47159.	9650.8
#2	3843.8	47062.	9641.0
#3	3830.8	47064.	9645.8

Sample Name: CCB Acquired: 7/3/2011 13:23:19 Type: QC
Method: SW846062811(v4) 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	4.986	1.308	-.4307	.2021	.1013	4.862
Stddev	8.842	1.752	.2069	.0837	.0906	8.437
%RSD	177.3	133.9	48.03	41.42	89.45	173.5
#1	-2.826	.6133	-.3076	.2055	.1083	-1.126
#2	14.58	.0105	-.3150	.2839	.1882	14.51
#3	3.200	3.301	-.6696	.1167	.0074	1.200

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0905	-.0326	-.1496	1.825	-2.188	62.52
Stddev	.0077	.1618	.3188	2.682	3.398	15.32
%RSD	8.551	496.6	213.1	147.0	155.3	24.51
#1	.0928	-.2132	.2082	4.755	-3.812	77.85
#2	.0819	.0165	-.2535	1.230	-4.470	62.51
#3	.0968	.0990	-.4035	-.5098	1.717	47.21

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 13:23:19 Type: QC
Method: SW846062811(v4) 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	.4125	.1146	7.546	-.1351	.7955	-1.070
Stddev	3.449	.0435	10.11	.2088	.3594	1.176
%RSD	836.2	37.99	134.0	154.6	45.18	109.9
#1	.8739	.0859	-.1393	.0293	.3998	-.7371
#2	3.608	.1647	19.00	-.3701	1.102	-2.376
#3	-3.244	.0932	3.772	-.0645	.8849	-.0958

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	-2.414	.1329	.0035	.0864	2.001	.6460
Stddev	1.595	1.068	.2494	.1557	.334	.1874
%RSD	66.04	803.7	7103.	180.1	16.68	29.02
#1	-4.046	1.189	-.1164	.2336	2.384	.8521
#2	-.8598	.1570	-.1632	-.0765	1.772	.6001
#3	-2.337	-.9473	.2902	.1021	1.847	.4857

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 13:23:19 Type: QC
Method: SW846062811(v4) 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	.1882	.1207	1.650
Stddev	.6413	.0991	1.390
%RSD	340.7	82.08	84.22

#1	.4950	.2343	1.170
#2	-.5489	.0524	.5641
#3	.6186	.0754	3.216

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	4170.9	51491.	9822.4
Stddev	5.4	168.	2.6
%RSD	.13037	.32557	.02673

#1	4177.2	51509.	9824.3
#2	4167.4	51649.	9819.4
#3	4168.2	51315.	9823.5

Sample Name: 460-28177-a-74-a@10 Acquired: 7/3/2011 13:27:13 Type: Unk

Method: SW846062811(v4) 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	8294.	13.45	-.7723	77.72	.4145	3108.
Stddev	22.	.36	.3959	.05	.0130	15.
%RSD	.2607	2.647	51.26	.0641	3.145	.4941

#1	8293.	13.42	-.4201	77.67	.4085	3105.
#2	8273.	13.83	-.6960	77.75	.4295	3095.
#3	8316.	13.12	-1.201	77.75	.4056	3125.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.399	4.456	36.38	32.22	16810.	569.6
Stddev	.050	.358	.28	1.70	42.	17.0
%RSD	2.096	8.034	.7823	5.276	.2518	2.987

#1	2.446	4.052	36.37	31.05	16800.	554.7
#2	2.346	4.579	36.09	31.45	16860.	565.9
#3	2.406	4.736	36.66	34.17	16780.	588.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-74-a@10 Acquired: 7/3/2011 13:27:13 Type: Unk

Method: SW846062811(v4) 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	1444.	309.4	121.4	12.44	1044.	16.31
Stddev	4.	.3	16.1	.11	3.	1.76
%RSD	.2569	.0832	13.27	.9017	.2524	10.77

#1	1442.	309.5	107.7	12.56	1047.	17.48
#2	1442.	309.5	117.3	12.35	1044.	17.16
#3	1448.	309.1	139.2	12.41	1042.	14.29

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	-1.786	35.73	144.0	3.654	.8167
Stddev	.947	.701	.13	.3	.285	.0657
%RSD	39.80	39.25	.3691	.2288	7.803	8.039

#1	2.188	-.9772	35.61	144.0	3.669	.7754
#2	1.543	-2.173	35.87	144.3	3.362	.7822
#3	3.407	-2.209	35.72	143.7	3.931	.8924

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-74-a@10 Acquired: 7/3/2011 13:27:13 Type: Unk
 Method: SW846062811(v4) 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	15.87	10.87	163.2
Stddev	.46	.05	1.9
%RSD	2.898	.4677	1.158

#1	15.54	10.82	165.4
#2	15.66	10.87	162.5
#3	16.39	10.92	161.8

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	4248.0	52292.	10079.
Stddev	.7	100.	28.
%RSD	.01534	.19177	.28129

#1	4247.4	52399.	10082.
#2	4247.9	52200.	10107.
#3	4248.7	52276.	10050.

Sample Name: 460-28177-a-75-a@10 Acquired: 7/3/2011 13:30:56 Type: Unk

Method: SW846062811(v4) 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	6259.	10.83	-.3342	76.43	.4258	8347.
Stddev	7.	1.21	.1379	.21	.1062	35.
%RSD	.1112	11.22	41.26	.2694	24.95	.4197

#1	6263.	11.35	-.2862	76.31	.4695	8379.
#2	6251.	11.70	-.4897	76.66	.5032	8353.
#3	6264.	9.442	-.2268	76.30	.3047	8309.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.976	3.355	14.75	25.33	13040.	883.2
Stddev	.057	.057	.21	2.68	71.	34.6
%RSD	2.906	1.707	1.419	10.58	.5475	3.921

#1	2.032	3.332	14.54	23.39	12990.	844.7
#2	1.917	3.312	14.96	24.21	13120.	911.8
#3	1.977	3.420	14.77	28.39	13010.	893.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-75-a@10 Acquired: 7/3/2011 13:30:56 Type: Unk

Method: SW846062811(v4) 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	2368.	214.4	76.97	7.699	649.1	11.71
Stddev	3.	.6	4.36	.321	1.5	1.43
%RSD	.1178	.2881	5.659	4.174	.2351	12.21

#1	2368.	214.6	71.95	7.407	648.8	10.10
#2	2370.	214.9	79.66	7.646	650.7	12.18
#3	2365.	213.7	79.31	8.043	647.7	12.84

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	-3.151	-2.659	25.78	73.33	7.455	.8251
Stddev	1.277	1.299	.28	.29	.145	.0471
%RSD	405.2	48.84	1.102	.4001	1.948	5.704

#1	1.096	-1.216	25.72	73.19	7.329	.8794
#2	-1.391	-3.735	26.09	73.66	7.423	.7956
#3	-.6497	-3.027	25.53	73.13	7.614	.8004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-75-a@10 Acquired: 7/3/2011 13:30:56 Type: Unk
 Method: SW846062811(v4) 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	6.048	22.28	149.8
Stddev	.235	.10	1.5
%RSD	3.892	.4283	1.034

#1	6.081	22.19	151.3
#2	6.266	22.38	149.9
#3	5.798	22.27	148.2

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	4257.2	52410.	10142.
Stddev	1.6	37.	29.
%RSD	.03672	.07090	.29055

#1	4258.8	52437.	10111.
#2	4256.9	52367.	10147.
#3	4255.7	52425.	10169.

Sample Name: 460-28177-a-76-a@10 Acquired: 7/3/2011 13:34:39 Type: Unk

Method: SW846062811(v4) 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	5258.	10.79	.0344	55.19	.3244	4199.
Stddev	13.	.53	.3750	.06	.0496	13.
%RSD	.2545	4.892	1089.	.1038	15.30	.3177

#1	5257.	10.28	.4133	55.16	.2883	4192.
#2	5273.	11.34	-.3367	55.16	.3810	4190.
#3	5246.	10.77	.0267	55.26	.3040	4214.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.495	2.523	11.35	17.84	10210.	547.7
Stddev	.016	.112	.13	1.99	41.	23.7
%RSD	1.056	4.417	1.170	11.14	.3996	4.324

#1	1.490	2.441	11.28	18.60	10220.	551.8
#2	1.513	2.650	11.26	19.34	10230.	522.2
#3	1.483	2.479	11.50	15.59	10160.	569.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-76-a@10 Acquired: 7/3/2011 13:34:39 Type: Unk

Method: SW846062811(v4) 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	1117.	100.5	34.48	6.814	532.4	9.734
Stddev	6.	.5	12.83	.059	1.0	.331
%RSD	.5817	.4737	37.22	.8660	.1914	3.398

#1	1120.	100.9	48.59	6.855	531.4	9.506
#2	1121.	100.5	31.31	6.746	532.5	10.11
#3	1110.	99.94	23.52	6.841	533.4	9.584

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	.0199	-.9586	20.23	45.74	3.663	.7567
Stddev	.8850	.5543	.54	.11	.357	.2022
%RSD	4446.	57.82	2.693	.2361	9.753	26.72

#1	-.9815	-.3253	20.76	45.80	3.555	.7918
#2	.6967	-1.195	20.25	45.62	3.372	.5392
#3	.3445	-1.356	19.67	45.81	4.061	.9390

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-76-a@10 Acquired: 7/3/2011 13:34:39 Type: Unk
 Method: SW846062811(v4) 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	5.423	15.20	101.6
Stddev	.459	.04	1.5
%RSD	8.469	.2960	1.444

#1	5.939	15.15	99.99
#2	5.268	15.20	102.1
#3	5.061	15.24	102.8

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	4253.0	52753.	10144.
Stddev	3.5	216.	36.
%RSD	.08173	.41037	.35169

#1	4249.3	52522.	10110.
#2	4256.1	52786.	10181.
#3	4253.7	52951.	10141.

Sample Name: 460-28177-a-77-a@10 Acquired: 7/3/2011 13:38:23 Type: Unk

Method: SW846062811(v4) 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	2714.	2.403	-.5023	30.21	.6630	1903.
Stddev	21.	.958	.5919	.20	.1095	16.
%RSD	.7593	39.87	117.8	.6515	16.52	.8625

#1	2716.	2.572	.1494	30.14	.6266	1913.
#2	2734.	1.372	-1.006	30.44	.5762	1913.
#3	2693.	3.265	-.6500	30.06	.7861	1884.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4077	1.984	7.329	20.59	4144.	172.2
Stddev	.0349	.132	.255	1.20	13.	39.9
%RSD	8.567	6.638	3.472	5.813	.3194	23.14

#1	.4453	1.870	7.462	20.50	4140.	176.7
#2	.4017	2.128	7.036	21.82	4159.	130.3
#3	.3762	1.953	7.489	19.44	4134.	209.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-77-a@10 Acquired: 7/3/2011 13:38:23 Type: Unk

Method: SW846062811(v4) 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	842.6	31.06	280.8	4.480	22.36	.5728
Stddev	4.4	.09	10.6	.106	.14	1.148
%RSD	.5195	.3006	3.789	2.374	.6357	200.4

#1	839.5	31.15	269.8	4.398	22.41	-.6707
#2	847.6	31.08	291.1	4.441	22.21	.7977
#3	840.7	30.96	281.5	4.600	22.48	1.591

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	.5068	.7028	31.77	35.31	3.077	.2738
Stddev	1.332	1.218	.34	.14	.445	.1561
%RSD	262.8	173.4	1.059	.4021	14.46	57.01

#1	1.122	2.100	31.99	35.24	3.590	.1539
#2	-1.022	.1453	31.38	35.48	2.827	.4503
#3	1.420	-.1371	31.94	35.22	2.813	.2173

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-77-a@10 Acquired: 7/3/2011 13:38:23 Type: Unk
 Method: SW846062811(v4) 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	1.122	3.728	85.79
Stddev	.555	.119	1.17
%RSD	49.44	3.197	1.358

#1	.5824	3.853	86.76
#2	1.093	3.715	86.10
#3	1.691	3.616	84.50

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	4300.6	53405.	10229.
Stddev	2.3	178.	26.
%RSD	.05432	.33357	.25089

#1	4302.8	53214.	10252.
#2	4298.1	53436.	10201.
#3	4300.8	53566.	10235.

Sample Name: 460-28292-a-4-a@4 Acquired: 7/3/2011 13:42:10 Type: Unk

Method: SW846062811(v4) 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	6886.	5.685	-.4822	12.90	-.0491	61.05
Stddev	12.	.837	.4602	.06	.0468	6.70
%RSD	.1709	14.73	95.43	.4458	95.45	10.97

#1	6880.	6.536	-.0164	12.89	.0044	67.86
#2	6878.	5.657	-.4936	12.85	-.0687	54.48
#3	6899.	4.862	-.9366	12.96	-.0829	60.80

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1412	.6485	28.01	24.82	13490.	362.6
Stddev	.0372	.1429	.18	.25	24.	38.5
%RSD	26.36	22.04	.6312	1.018	.1798	10.63

#1	-.1829	.4837	27.81	24.67	13520.	369.2
#2	-.1294	.7228	28.13	24.67	13470.	397.4
#3	-.1113	.7390	28.10	25.11	13480.	321.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-4-a@4 Acquired: 7/3/2011 13:42:10 Type: Unk

Method: SW846062811(v4) 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	217.8	24.75	-8.016	3.136	55.62	.9078
Stddev	1.8	.08	14.14	.183	.82	.8228
%RSD	.8295	.3052	176.4	5.841	1.478	90.64

#1	216.1	24.81	-17.50	3.064	56.13	1.242
#2	219.7	24.76	-14.78	2.999	56.06	-.0295
#3	217.5	24.67	8.233	3.344	54.67	1.511

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	1.155	-2.345	23.50	21.58	1.681	1.987
Stddev	1.512	.453	.02	.10	.028	.217
%RSD	130.9	19.31	.0747	.4763	1.680	10.93

#1	-.4965	-2.377	23.52	21.46	1.658	1.817
#2	1.490	-1.878	23.50	21.62	1.713	2.231
#3	2.471	-2.782	23.48	21.66	1.672	1.912

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-4-a@4 Acquired: 7/3/2011 13:42:10 Type: Unk
Method: SW846062811(v4) 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	1.612	1.954	209.6
Stddev	.245	.110	.4
%RSD	15.16	5.605	.1843

#1	1.542	1.924	209.2
#2	1.411	1.863	209.9
#3	1.885	2.076	209.7

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	4221.1	52191.	10020.
Stddev	6.7	67.	36.
%RSD	.15784	.12781	.35714

#1	4225.4	52117.	10054.
#2	4224.6	52247.	10023.
#3	4213.5	52210.	9983.1

Sample Name: 460-28292-a-7-a@4 Acquired: 7/3/2011 13:45:54 Type: Unk

Method: SW846062811(v4) 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	19850.	7.763	-.0714	28.59	.2362	126.5
Stddev	16.	.950	.1869	.09	.0310	3.0
%RSD	.0788	12.23	261.6	.3251	13.11	2.408

#1	19840.	8.450	.0544	28.63	.2719	124.8
#2	19870.	8.160	-.2862	28.49	.2200	124.6
#3	19860.	6.680	.0175	28.66	.2168	130.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1293	1.140	52.80	14.35	30540.	647.9
Stddev	.0446	.068	.54	3.94	164.	32.0
%RSD	34.53	5.972	1.020	27.42	.5375	4.947

#1	-.0970	1.073	52.50	10.52	30440.	610.9
#2	-.1107	1.209	53.42	18.39	30460.	667.7
#3	-.1803	1.138	52.47	14.16	30730.	665.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-7-a@4 Acquired: 7/3/2011 13:45:54 Type: Unk

Method: SW846062811(v4) 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	240.9	20.86	-11.64	4.956	17.84	-.8987
Stddev	3.5	.09	11.26	.347	.30	.2779
%RSD	1.471	.4292	96.82	6.997	1.680	30.92

#1	243.8	20.76	-1.480	4.556	17.50	-.7891
#2	236.9	20.91	-9.673	5.168	17.94	-.6924
#3	242.0	20.91	-23.75	5.144	18.07	-1.215

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	1.384	-1.611	59.23	9.991	1.252	2.498
Stddev	1.435	.740	.46	.131	.238	.209
%RSD	103.7	45.90	.7692	1.315	19.04	8.350

#1	2.298	-2.216	58.83	9.863	1.394	2.563
#2	2.125	-1.831	59.12	9.983	.9770	2.667
#3	-.2695	-.7866	59.73	10.13	1.386	2.265

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-7-a@4 Acquired: 7/3/2011 13:45:54 Type: Unk
 Method: SW846062811(v4) 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	.9951	3.337	244.2
Stddev	.2308	.124	1.7
%RSD	23.19	3.709	.6811

#1	.8543	3.218	242.3
#2	.8695	3.328	245.0
#3	1.261	3.465	245.3

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	4275.4	52634.	10129.
Stddev	4.2	374.	24.
%RSD	.09793	.70976	.23745

#1	4271.2	52776.	10141.
#2	4275.4	52916.	10101.
#3	4279.6	52211.	10144.

Sample Name: 460-28292-a-11-a@4 Acquired: 7/3/2011 13:49:39 Type: Unk

Method: SW846062811(v4) 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	21100.	8.397	-5194	28.31	.3105	334.2
Stddev	72.	.258	.4059	.10	.0355	7.2
%RSD	.3392	3.073	78.14	.3366	11.44	2.158

#1	21020.	8.642	-.7231	28.33	.2933	342.5
#2	21120.	8.128	-.0520	28.21	.3514	329.1
#3	21160.	8.421	-.7831	28.39	.2869	331.2

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	-1368	3.075	35.54	21.05	30910.	496.8
Stddev	.0803	.201	.36	1.45	90.	1.9
%RSD	58.73	6.547	1.006	6.898	.2926	.3884

#1	-.2002	3.277	35.70	21.06	30910.	498.9
#2	-.1638	2.875	35.13	22.49	31000.	496.5
#3	-.0464	3.073	35.78	19.59	30820.	495.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-11-a@4 Acquired: 7/3/2011 13:49:39 Type: Unk

Method: SW846062811(v4) 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	442.0	60.29	-9.028	6.474	28.64	-.4978
Stddev	2.0	.22	7.117	.349	1.14	.8675
%RSD	.4470	.3647	78.83	5.389	3.980	174.3
#1	441.7	60.15	-13.83	6.275	27.67	-1.460
#2	444.1	60.54	-.8520	6.270	28.36	.2251
#3	440.2	60.17	-12.40	6.877	29.89	-.2588

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	1.900	-2.223	51.51	30.19	.8892	2.301
Stddev	1.824	.431	.58	.17	.1960	.172
%RSD	96.03	19.40	1.135	.5786	22.04	7.457
#1	.9680	-2.316	52.05	30.15	.8051	2.357
#2	4.002	-1.753	51.60	30.38	.7493	2.108
#3	.7293	-2.600	50.89	30.04	1.113	2.437

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-11-a@4 Acquired: 7/3/2011 13:49:39 Type: Unk
 Method: SW846062811(v4) 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	1.615	2.451	349.9
Stddev	.960	.095	1.9
%RSD	59.45	3.874	.5425

#1	1.034	2.542	348.5
#2	2.723	2.459	352.1
#3	1.088	2.353	349.3

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	4250.7	52292.	10071.
Stddev	6.2	60.	46.
%RSD	.14582	.11380	.45962

#1	4253.2	52235.	10121.
#2	4255.3	52288.	10060.
#3	4243.7	52353.	10031.

Sample Name: 460-28292-a-12-a@4 Acquired: 7/3/2011 13:53:23 Type: Unk

Method: SW846062811(v4) 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	21830.	9.140	-.6827	29.07	.2444	336.5
Stddev	24.	.346	.7094	.14	.0468	7.3
%RSD	.1090	3.788	103.9	.4668	19.17	2.166

#1	21820.	9.532	-.2341	29.03	.2123	344.7
#2	21810.	8.877	-1.501	28.96	.2982	334.0
#3	21850.	9.009	-.3135	29.22	.2228	330.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3834	2.945	36.65	21.74	32470.	485.3
Stddev	.0587	.014	.42	2.90	22.	21.3
%RSD	15.31	.4600	1.134	13.32	.0674	4.382

#1	-.3257	2.949	36.56	22.63	32440.	497.3
#2	-.4431	2.956	36.28	18.50	32480.	460.8
#3	-.3815	2.929	37.10	24.09	32480.	497.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-12-a@4 Acquired: 7/3/2011 13:53:23 Type: Unk

Method: SW846062811(v4) 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	430.8	59.70	-20.00	6.649	24.55	.3203
Stddev	1.7	.08	13.03	.419	.52	.9182
%RSD	.3925	.1314	65.14	6.304	2.110	286.7

#1	429.4	59.61	-34.55	6.211	24.25	.2686
#2	430.2	59.73	-9.409	6.689	24.26	1.263
#3	432.6	59.75	-16.04	7.047	25.15	-.5710

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	2.712	-1.892	54.57	28.49	.7331	2.183
Stddev	.178	.261	.14	.07	.6794	.146
%RSD	6.574	13.79	.2501	.2489	92.68	6.682

#1	2.864	-1.831	54.59	28.44	1.400	2.089
#2	2.516	-2.179	54.43	28.46	.7581	2.109
#3	2.756	-1.668	54.70	28.57	.0415	2.351

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-12-a@4 Acquired: 7/3/2011 13:53:23 Type: Unk
 Method: SW846062811(v4) 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	1.860	2.398	348.8
Stddev	.067	.125	2.3
%RSD	3.578	5.195	.6477

#1	1.809	2.256	346.3
#2	1.835	2.446	349.4
#3	1.935	2.491	350.7

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	4246.0	52040.	10053.
Stddev	6.9	65.	16.
%RSD	.16262	.12579	.15962

#1	4253.2	52115.	10037.
#2	4245.4	51994.	10069.
#3	4239.4	52010.	10053.

Sample Name: 460-28292-a-14-a@4 Acquired: 7/3/2011 13:57:08 Type: Unk

Method: SW846062811(v4) 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	10530.	3.801	-.4173	27.10	.1117	830.0
Stddev	13.	.958	.2740	.09	.0759	12.0
%RSD	.1251	25.19	65.67	.3367	67.94	1.441

#1	10520.	2.700	-.5039	27.20	.1112	833.9
#2	10530.	4.257	-.1104	27.07	.1879	839.6
#3	10540.	4.445	-.6376	27.03	.0361	816.6

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	.1023	1.887	29.04	15.15	18030.	328.1
Stddev	.1053	.159	.49	.04	62.	24.4
%RSD	103.0	8.412	1.688	.2403	.3434	7.438

#1	.2235	1.763	29.57	15.11	18060.	356.0
#2	.0498	1.832	28.61	15.16	18070.	318.1
#3	.0335	2.066	28.93	15.19	17950.	310.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-14-a@4 Acquired: 7/3/2011 13:57:08 Type: Unk

Method: SW846062811(v4) 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	450.9	49.99	6.512	9.027	41.76	-.8836
Stddev	3.9	.07	15.28	.472	.92	1.338
%RSD	.8538	.1430	234.7	5.227	2.212	151.4

#1	455.3	50.00	12.95	9.504	40.81	.1337
#2	449.1	49.91	-10.93	8.561	42.66	-2.399
#3	448.2	50.05	17.52	9.015	41.80	-.3858

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	1.981	-2.046	32.68	27.28	1.256	2.100
Stddev	1.182	1.072	.28	.09	.286	.171
%RSD	59.66	52.37	.8608	.3161	22.80	8.153

#1	2.761	-2.837	32.91	27.19	1.360	1.906
#2	2.562	-2.475	32.36	27.34	.9323	2.229
#3	.6213	-.8266	32.75	27.32	1.476	2.166

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-14-a@4 Acquired: 7/3/2011 13:57:08 Type: Unk
 Method: SW846062811(v4) 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	1.032	4.619	372.3
Stddev	.132	.102	1.2
%RSD	12.77	2.217	.3319

#1	.8817	4.504	373.2
#2	1.128	4.650	372.7
#3	1.086	4.701	370.9

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	4238.9	52349.	10036.
Stddev	5.3	153.	28.
%RSD	.12487	.29165	.27745

#1	4234.0	52173.	10016.
#2	4238.2	52447.	10024.
#3	4244.5	52427.	10068.

Sample Name: 460-28292-a-15-a@4 Acquired: 7/3/2011 14:00:53 Type: Unk

Method: SW846062811(v4) 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	8047.	5.631	-.2947	65.19	.1526	2015.
Stddev	27.	1.970	.3456	.08	.0878	20.
%RSD	.3407	34.99	117.3	.1228	57.52	.9837

#1	8065.	7.568	-.5797	65.27	.0984	1994.
#2	8015.	3.630	.0897	65.20	.1055	2017.
#3	8060.	5.694	-.3939	65.11	.2538	2033.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8607	2.008	35.04	29.97	13950.	306.7
Stddev	.0399	.107	.16	2.07	55.	5.2
%RSD	4.639	5.302	.4542	6.894	.3931	1.685

#1	.8931	1.986	35.17	31.24	13900.	306.2
#2	.8729	1.914	35.07	27.58	14010.	312.1
#3	.8161	2.124	34.86	31.08	13930.	301.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-15-a@4 Acquired: 7/3/2011 14:00:53 Type: Unk

Method: SW846062811(v4) 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	1197.	61.48	26.72	8.702	271.3	1.540
Stddev	3.	.20	9.96	.272	.7	.642
%RSD	.2132	.3256	37.29	3.128	.2577	41.68

#1	1194.	61.38	19.41	8.851	270.7	2.179
#2	1198.	61.71	38.07	8.387	271.1	1.546
#3	1199.	61.35	22.68	8.867	272.0	.8952

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	1.800	-.7334	27.35	97.58	.9054	3.145
Stddev	2.464	.5136	.14	.33	.4197	.455
%RSD	136.9	70.03	.5177	.3340	46.35	14.48

#1	4.516	-.1821	27.51	97.60	.8240	3.569
#2	1.175	-1.198	27.23	97.89	.5325	2.664
#3	-.2905	-.8198	27.33	97.24	1.360	3.204

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-15-a@4 Acquired: 7/3/2011 14:00:53 Type: Unk
Method: SW846062811(v4) 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	4.283	5.166	222.7
Stddev	.400	.059	1.4
%RSD	9.327	1.134	.6318

#1	4.700	5.123	224.2
#2	3.903	5.142	221.3
#3	4.247	5.233	222.5

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	4231.2	52126.	10031.
Stddev	5.3	178.	28.
%RSD	.12540	.34061	.27937

#1	4237.1	52167.	10018.
#2	4229.9	51931.	10063.
#3	4226.7	52279.	10011.

Sample Name: CCV Acquired: 7/3/2011 14:04:37 Type: QC
Method: SW846062811(v4) 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	121400.	2453.	1201.	9868.	972.8	126200.
Stddev	205.	4.	2.	10.	2.6	339.
%RSD	.1688	.1596	.1489	.1033	.2632	.2683

#1	121300.	2449.	1200.	9863.	973.6	126300.
#2	121300.	2457.	1203.	9880.	970.0	125800.
#3	121600.	2452.	1201.	9861.	974.9	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	1231.	2453.	4914.	12210.	101200.	49210.
Stddev	2.	4.	5.	27.	110.	126.
%RSD	.1475	.1605	.1067	.2227	.1090	.2559

#1	1230.	2451.	4916.	12210.	101100.	49300.
#2	1233.	2457.	4908.	12180.	101300.	49070.
#3	1230.	2449.	4917.	12230.	101200.	49270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 14:04:37 Type: QC
Method: SW846062811(v4) 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	123800.	5057.	123200.	2472.	7373.	993.7
Stddev	154.	17.	468.	4.	10.	1.7
%RSD	.1241	.3361	.3798	.1442	.1377	.1671

#1	123900.	5054.	123500.	2469.	7367.	991.9
#2	123600.	5042.	122600.	2476.	7385.	995.1
#3	123900.	5076.	123300.	2470.	7368.	994.1

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	2417.	2500.	2496.	2444.	980.7	2473.
Stddev	3.	6.	4.	6.	3.0	5.
%RSD	.1038	.2301	.1673	.2294	.3058	.1909

#1	2415.	2496.	2492.	2443.	977.7	2472.
#2	2420.	2507.	2495.	2449.	983.7	2478.
#3	2416.	2498.	2500.	2438.	980.5	2469.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 14:04:37 Type: QC
Method: SW846062811(v4) 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	988.4	4970.	9755.
Stddev	1.1	45.	25.
%RSD	.1085	.9016	.2524

#1	989.1	4980.	9746.
#2	988.8	4921.	9737.
#3	987.1	5009.	9783.

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	3856.1	46875.	9612.8
Stddev	7.4	158.	25.6
%RSD	.19150	.33784	.26647

#1	3863.9	47032.	9614.2
#2	3855.3	46877.	9637.7
#3	3849.2	46715.	9586.5

Sample Name: CCB Acquired: 7/3/2011 14:08:25 Type: QC
Method: SW846062811(v4) 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	3.603	-.0317	-.1731	.2165	.0794	2.763
Stddev	2.078	1.004	.4034	.1392	.0936	5.170
%RSD	57.66	3163.	233.0	64.31	117.8	187.1

#1	5.992	.8132	.2851	.3560	.1684	1.285
#2	2.598	-1.141	-.3300	.2159	-.0181	8.512
#3	2.220	.2329	-.4746	.0776	.0880	-1.507

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0842	.2341	-.2465	3.788	-2.962	46.72
Stddev	.0660	.2820	.1731	2.291	3.737	35.59
%RSD	78.40	120.5	70.23	60.49	126.2	76.18

#1	.0904	.4976	-.4189	2.399	.5493	15.45
#2	.1468	.2681	-.0726	6.432	-6.890	39.26
#3	.0153	-.0634	-.2480	2.532	-2.544	85.46

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 14:08:25 Type: QC
Method: SW846062811(v4) 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	.2266	.1077	11.78	.0773	.8713	1.444
Stddev	1.340	.0302	19.27	.3889	.6716	1.034
%RSD	591.3	28.07	163.5	503.2	77.07	71.63

#1	-.5472	.1387	24.46	.0765	1.325	.5767
#2	-.5469	.1061	21.28	-.3112	.0998	2.589
#3	1.774	.0783	-10.38	.4666	1.190	1.166

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	1.235	-.2733	-.0104	.0550	1.570	.3298
Stddev	2.386	.4142	.4346	.2128	.277	.1280
%RSD	193.2	151.6	4170.	386.8	17.63	38.80

#1	-.8340	-.2389	.4042	.2926	1.678	.4762
#2	.6937	-.7036	-.4626	-.1181	1.776	.2740
#3	3.845	.1227	.0272	-.0094	1.255	.2392

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 14:08:25 Type: QC
Method: SW846062811(v4) 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	.5799	.2734	1.790
Stddev	.1923	.0490	.496
%RSD	33.16	17.93	27.70

#1	.3783	.3285	1.217
#2	.7612	.2345	2.064
#3	.6002	.2573	2.088

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	4186.0	51766.	9832.5
Stddev	4.1	89.	18.3
%RSD	.09702	.17157	.18596

#1	4189.7	51850.	9821.8
#2	4186.7	51775.	9853.6
#3	4181.6	51673.	9822.0

Sample Name: 460-28292-a-16-a@4 Acquired: 7/3/2011 14:12:18 Type: Unk

Method: SW846062811(v4) 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	6940.	4.376	-6563	44.14	4754	6665.
Stddev	22.	1.449	.8210	.05	.0882	12.
%RSD	.3236	33.12	125.1	.1213	18.54	.1771

#1	6966.	5.031	.0410	44.20	.5612	6677.
#2	6924.	2.715	-1.561	44.09	.3850	6664.
#3	6931.	5.382	-.4487	44.13	.4801	6653.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0303	.8279	17.41	7.453	9932.	292.2
Stddev	.0219	.0766	.05	2.632	52.	32.7
%RSD	72.34	9.251	.2789	35.32	.5227	11.19

#1	-.0439	.9162	17.38	8.621	9873.	322.4
#2	-.0419	.7802	17.46	9.300	9951.	296.8
#3	-.0050	.7872	17.37	4.439	9971.	257.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-16-a@4 Acquired: 7/3/2011 14:12:18 Type: Unk

Method: SW846062811(v4) 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.	315.4	51.45	3.799	23.36	-.6155
Stddev	6.	.8	.66	.320	.81	.6720
%RSD	.2993	.2454	1.286	8.425	3.470	109.2

#1	1922.	314.5	50.77	3.900	23.59	-.3448
#2	1932.	316.0	52.09	3.441	22.46	-.1210
#3	1931.	315.7	51.50	4.057	24.03	-1.381

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	.6237	-1.107	18.05	22.82	2.880	1.039
Stddev	2.896	.953	.55	.09	.155	.419
%RSD	464.4	86.10	3.050	.4004	5.367	40.34

#1	-.8397	-2.151	18.09	22.80	3.054	1.486
#2	-1.249	-.2840	18.58	22.92	2.759	.9762
#3	3.959	-.8851	17.48	22.74	2.826	.6548

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-16-a@4 Acquired: 7/3/2011 14:12:18 Type: Unk
 Method: SW846062811(v4) 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	.6777	13.24	316.5
Stddev	.7164	.04	2.0
%RSD	105.7	.3284	.6205

#1	1.487	13.24	315.3
#2	.4207	13.28	318.8
#3	.1252	13.19	315.5

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	4270.1	52728.	10098.
Stddev	6.4	103.	43.
%RSD	.15021	.19573	.42178

#1	4273.9	52833.	10049.
#2	4273.7	52626.	10113.
#3	4262.7	52725.	10130.

Sample Name: 460-28292-a-17-a@4 Acquired: 7/3/2011 14:16:03 Type: Unk

Method: SW846062811(v4) 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	5903.	2.112	-.6909	29.33	.0791	2538.
Stddev	8.	1.224	.4839	.04	.0109	7.
%RSD	.1377	57.94	70.03	.1320	13.72	.2757

#1	5897.	2.587	-.3006	29.29	.0687	2531.
#2	5913.	3.027	-.5399	29.35	.0903	2544.
#3	5901.	.7221	-1.232	29.36	.0781	2540.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2082	1.456	22.18	16.33	11070.	264.0
Stddev	.0532	.227	.34	1.38	94.	28.4
%RSD	25.57	15.58	1.555	8.461	.8501	10.75

#1	.1702	1.717	22.32	16.45	11170.	245.1
#2	.1853	1.303	21.78	14.89	11070.	296.7
#3	.2690	1.349	22.43	17.65	10980.	250.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-17-a@4 Acquired: 7/3/2011 14:16:03 Type: Unk

Method: SW846062811(v4) 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	1415.	41.42	11.31	5.172	86.86	1.186
Stddev	6.	.30	8.82	.136	1.24	.973
%RSD	.3992	.7179	77.94	2.638	1.430	82.08

#1	1416.	41.73	2.092	5.326	87.85	.1762
#2	1420.	41.40	12.18	5.122	87.28	1.263
#3	1409.	41.14	19.66	5.067	85.47	2.118

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	.4705	-2.406	21.81	33.36	1.071	2.085
Stddev	1.636	.790	.15	.13	.608	.149
%RSD	347.7	32.84	.6654	.3936	56.73	7.145

#1	-1.132	-2.756	21.82	33.46	1.510	2.237
#2	.4054	-1.501	21.95	33.21	.3774	2.078
#3	2.138	-2.961	21.66	33.40	1.326	1.939

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28292-a-17-a@4 Acquired: 7/3/2011 14:16:03 Type: Unk
 Method: SW846062811(v4) 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	1.430	5.380	335.6
Stddev	.258	.096	2.2
%RSD	18.05	1.785	.6464

#1	1.411	5.303	333.2
#2	1.181	5.487	336.4
#3	1.697	5.349	337.3

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	4222.7	52057.	9957.9
Stddev	7.9	253.	27.9
%RSD	.18609	.48612	.28055

#1	4214.1	51816.	9955.6
#2	4224.7	52036.	9987.0
#3	4229.4	52320.	9931.2

Sample Name: 460-28102-e-1-d du@1 Acquired: 7/3/2011 14:19:47 Type: Unk

Method: SW846062811(v4) 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	27360.	6.998	-1.064	83.67	2.455	20240.
Stddev	233.	2.102	.394	.79	.016	229.
%RSD	.8507	30.04	36.99	.9476	.6349	1.132

#1	27130.	9.416	-.8743	82.92	2.445	20030.
#2	27370.	5.606	-.8014	83.60	2.446	20210.
#3	27590.	5.971	-1.517	84.50	2.472	20480.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3134	25.03	88.23	10.48	56520.	480.9
Stddev	.0433	.44	.94	1.14	612.	24.5
%RSD	13.83	1.764	1.060	10.92	1.083	5.088

#1	-.3372	24.57	87.21	9.546	55850.	483.8
#2	-.3396	25.08	89.04	10.13	56670.	503.8
#3	-.2634	25.45	88.45	11.75	57040.	455.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-d du@1 Acquired: 7/3/2011 14:19:47 Type: Unk

Method: SW846062811(v4) 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	24660.	957.9	124.6	64.24	5.963	1.366
Stddev	242.	9.4	18.3	.41	1.167	.636
%RSD	.9801	.9864	14.68	.6408	19.57	46.60

#1	24390.	947.4	106.3	63.77	4.626	1.317
#2	24720.	960.9	124.6	64.43	6.491	.7550
#3	24870.	965.5	142.9	64.52	6.774	2.025

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	.1525	-3.261	84.62	154.4	1.232	.9756
Stddev	2.379	.900	1.16	1.4	.453	.2381
%RSD	1560.	27.61	1.375	.8917	36.81	24.40

#1	2.825	-3.064	83.30	153.3	1.246	.9791
#2	-.6362	-2.476	85.07	154.0	1.678	.7358
#3	-1.732	-4.244	85.50	155.9	.7712	1.212

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-d du@1 Acquired: 7/3/2011 14:19:47 Type: Unk
 Method: SW846062811(v4) 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	1.759	26.05	746.4
Stddev	.283	.26	6.4
%RSD	16.07	.9854	.8597

#1	1.783	25.94	739.5
#2	1.466	25.87	747.6
#3	2.030	26.34	752.2

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	4434.8	54187.	10590.
Stddev	1.9	217.	35.
%RSD	.04350	.40061	.33287

#1	4436.6	54264.	10618.
#2	4435.0	53942.	10603.
#3	4432.7	54355.	10551.

Sample Name: 460-28102-e-1-c@10 Acquired: 7/3/2011 14:23:29 Type: Unk

Method: SW846062811(v4) 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	26610.	5.824	-1.288	83.51	2.540	23670.
Stddev	32.	1.680	.282	.12	.091	43.
%RSD	.1189	28.84	21.93	.1470	3.586	.1797

#1	26610.	4.848	-1.519	83.52	2.437	23680.
#2	26570.	4.861	-.9732	83.63	2.576	23620.
#3	26640.	7.764	-1.371	83.38	2.608	23700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2769	24.60	84.66	10.07	55680.	511.6
Stddev	.1456	.14	.48	.86	62.	41.4
%RSD	52.59	.5547	.5655	8.510	.1111	8.101

#1	-.1189	24.58	84.64	10.80	55620.	559.3
#2	-.4057	24.75	85.15	9.129	55740.	491.3
#3	-.3061	24.48	84.20	10.29	55690.	484.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-c@10 Acquired: 7/3/2011 14:23:29 Type: Unk

Method: SW846062811(v4) 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	25820.	988.6	120.1	64.66	7.367	-.5245
Stddev	10.	.7	3.4	.07	.594	1.560
%RSD	.0380	.0664	2.864	.1147	8.069	297.5

#1	25810.	988.2	122.2	64.58	8.026	1.170
#2	25830.	989.4	116.1	64.73	6.869	-1.902
#3	25820.	988.4	121.9	64.66	7.207	-.8413

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	-1.074	-4.427	83.73	150.0	1.345	1.095
Stddev	1.355	.643	.32	.2	.280	.149
%RSD	126.2	14.52	.3847	.1207	20.84	13.60

#1	.3371	-3.782	83.91	149.9	1.571	1.184
#2	-2.366	-4.430	83.91	149.9	1.031	.9226
#3	-1.192	-5.068	83.35	150.2	1.433	1.177

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-c@10 Acquired: 7/3/2011 14:23:29 Type: Unk
 Method: SW846062811(v4) 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	2.308	28.38	738.9
Stddev	.346	.08	1.9
%RSD	15.01	.2968	.2573

#1	2.110	28.41	740.3
#2	2.708	28.29	736.7
#3	2.106	28.45	739.5

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	4432.7	54550.	10615.
Stddev	6.9	62.	16.
%RSD	.15564	.11304	.14811

#1	4437.2	54602.	10611.
#2	4436.1	54566.	10601.
#3	4424.7	54482.	10632.

Sample Name: sd 460-28102-e-1-c@5 Acquired: 7/3/2011 14:27:11 Type: Unk

Method: SW846062811(v4) 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	5565.	2.204	-8803	17.48	4556	4918.
Stddev	17.	.658	.3542	.11	.0245	7.
%RSD	.3084	29.88	40.24	.6547	5.370	.1410

#1	5548.	1.444	-8385	17.54	4512	4919.
#2	5566.	2.599	-1.254	17.55	4820	4911.
#3	5582.	2.569	-5488	17.35	4336	4925.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-0.0262	5.070	17.46	2.323	11610.	126.8
Stddev	.0323	.069	.15	.752	59.	27.4
%RSD	123.1	1.352	.8608	32.38	.5084	21.56

#1	.0048	5.090	17.59	3.191	11550.	119.4
#2	-.0597	4.993	17.50	1.923	11610.	104.0
#3	-.0238	5.126	17.30	1.855	11660.	157.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28102-e-1-c@5 Acquired: 7/3/2011 14:27:11 Type: Unk

Method: SW846062811(v4) 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	5361.	206.7	12.01	13.63	2.406	-.1638
Stddev	13.	.3	5.15	.31	.725	1.485
%RSD	.2389	.1688	42.86	2.249	30.12	906.3

#1	5346.	206.3	17.76	13.28	2.552	.9463
#2	5370.	206.6	7.855	13.84	3.046	-1.850
#3	5365.	207.0	10.40	13.77	1.619	.4126

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	-.5060	-1.875	17.50	31.23	.0229	.3353
Stddev	1.247	.832	.24	.15	.7647	.3137
%RSD	246.5	44.38	1.387	.4748	3344.	93.57

#1	.7833	-1.762	17.78	31.20	.4956	.6925
#2	-.5942	-2.758	17.40	31.39	.4324	.2090
#3	-1.707	-1.105	17.33	31.10	-.8594	.1044

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28102-e-1-c@5 Acquired: 7/3/2011 14:27:11 Type: Unk
 Method: SW846062811(v4) 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	.4014	5.904	153.0
Stddev	.1459	.020	1.4
%RSD	36.35	.3398	.9324

#1	.3945	5.920	154.1
#2	.5507	5.911	151.4
#3	.2591	5.882	153.5

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	4260.1	52595.	10119.
Stddev	5.5	199.	6.
%RSD	.12828	.37784	.05603

#1	4257.6	52716.	10113.
#2	4256.4	52704.	10124.
#3	4266.4	52366.	10122.

Sample Name: 460-28102-e-1-e ms@1 Acquired: 7/3/2011 14:30:57 Type: Unk
Method: SW846062811(v4) 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	28820.	361.5	13.46	462.0	11.74	64120.
Stddev	314.	3.8	.54	5.5	.15	888.
%RSD	1.089	1.042	4.045	1.198	1.238	1.385
#1	28510.	357.4	14.08	455.8	11.60	63230.
#2	28820.	362.1	13.20	463.9	11.73	64120.
#3	29130.	364.9	13.09	466.4	11.89	65010.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.010	119.1	119.7	58.12	52450.	4166.
Stddev	.149	1.2	1.4	3.49	683.	71.
%RSD	1.650	1.017	1.164	5.998	1.302	1.709
#1	9.048	118.0	118.1	54.44	51680.	4113.
#2	8.845	119.1	120.5	58.56	52690.	4138.
#3	9.135	120.4	120.5	61.37	52980.	4247.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-e ms@1 Acquired: 7/3/2011 14:30:57 Type: Unk
Method: SW846062811(v4) 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	43050.	1137.	3883.	157.2	104.4	85.89
Stddev	496.	14.	60.	2.0	.7	1.03
%RSD	1.153	1.254	1.541	1.296	.6914	1.203
#1	42510.	1121.	3825.	154.9	104.3	84.92
#2	43180.	1141.	3880.	157.8	103.7	85.76
#3	43470.	1149.	3944.	158.9	105.2	86.98

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	352.9	401.3	173.9	246.5	88.73	93.63
Stddev	4.2	5.0	2.0	3.0	.96	1.23
%RSD	1.183	1.250	1.154	1.222	1.081	1.312
#1	349.8	395.6	171.6	243.3	88.08	92.24
#2	351.2	403.2	175.0	246.7	88.28	94.05
#3	357.7	405.1	175.1	249.3	89.83	94.59

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28102-e-1-e ms@1 Acquired: 7/3/2011 14:30:57 Type: Unk
 Method: SW846062811(v4) 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	95.31	153.8	806.4
Stddev	2.00	2.1	8.6
%RSD	2.097	1.373	1.063

#1	93.03	151.8	796.9
#2	96.77	153.6	808.8
#3	96.13	156.0	813.6

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	4366.7	53324.	10560.
Stddev	1.0	170.	28.
%RSD	.02351	.31939	.26560

#1	4367.8	53463.	10528.
#2	4365.8	53134.	10581.
#3	4366.5	53375.	10571.

Sample Name: lcssrm 460-78703/2-a Acquired: 7/3/2011 14:34:37 Type: QC

Method: SW846062811(v4) 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	43900.	496.3	138.9	975.4	384.6	51260.
Stddev	102.	1.6	.6	.6	1.0	124.
%RSD	.2325	.3244	.4196	.0630	.2482	.2423

#1	44020.	495.7	138.4	975.6	385.1	51380.
#2	43840.	498.1	139.5	975.8	383.5	51130.
#3	43840.	495.1	138.8	974.7	385.2	51270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	308.0	483.0	1192.	873.1	94810.	20600.
Stddev	.3	1.0	1.	1.2	141.	59.
%RSD	.0869	.2058	.0862	.1399	.1488	.2841

#1	308.3	483.0	1191.	872.2	94740.	20550.
#2	308.0	484.0	1193.	872.6	94970.	20580.
#3	307.7	482.0	1192.	874.5	94710.	20670.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78703/2-a Acquired: 7/3/2011 14:34:37 Type: QC

Method: SW846062811(v4) 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	18720.	2898.	4913.	717.7	429.5	893.7
Stddev	28.	2.	29.	1.1	.6	.9
%RSD	.1474	.0690	.5825	.1496	.1312	.1012

#1	18690.	2896.	4944.	718.1	429.2	893.9
#2	18740.	2900.	4889.	718.5	429.1	894.5
#3	18720.	2899.	4905.	716.4	430.1	892.7

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	1379.	670.7	580.3	2989.	696.9	267.7
Stddev	3.	3.4	1.2	2.	.4	.3
%RSD	.2201	.5052	.1993	.0591	.0600	.0992

#1	1376.	672.8	579.2	2990.	696.8	267.5
#2	1379.	672.6	581.5	2990.	696.5	268.0
#3	1382.	666.8	580.0	2987.	697.3	267.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78703/2-a Acquired: 7/3/2011 14:34:37 Type: QC
 Method: SW846062811(v4) 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	532.0	1144.	2215.
Stddev	2.1	2.	3.
%RSD	.3866	.1818	.1177

#1	530.7	1146.	2217.
#2	534.4	1142.	2212.
#3	531.0	1144.	2214.

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	4301.6	52373.	10500.
Stddev	1.6	34.	22.
%RSD	.03810	.06515	.20944

#1	4299.9	52406.	10477.
#2	4303.1	52375.	10521.
#3	4301.7	52338.	10502.

Sample Name: 460-28077-f-1-a@4 Acquired: 7/3/2011 14:38:09 Type: Unk

Method: SW846062811(v4) 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	9626.	2.872	-1.262	111.4	.5393	2667.
Stddev	5.	.559	.705	.5	.0752	14.
%RSD	.0472	19.47	55.86	.4732	13.94	.5263

#1	9627.	3.200	-.8944	111.8	.4797	2683.
#2	9622.	3.189	-2.075	111.5	.6237	2659.
#3	9631.	2.226	-.8170	110.8	.5143	2658.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1601	7.504	17.04	10.61	25760.	969.2
Stddev	.0433	.160	.21	.93	192.	29.6
%RSD	27.05	2.126	1.258	8.775	.7472	3.054

#1	-.1101	7.522	17.17	10.25	25960.	970.5
#2	-.1851	7.653	16.79	11.66	25580.	998.1
#3	-.1850	7.336	17.16	9.910	25730.	939.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-1-a@4 Acquired: 7/3/2011 14:38:09 Type: Unk

Method: SW846062811(v4) 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	1840.	514.4	117.4	14.21	9.032	-.0404
Stddev	2.	1.0	.7	.32	.411	1.359
%RSD	.1317	.2009	.6280	2.269	4.548	3363.

#1	1842.	515.6	117.5	14.52	8.874	1.528
#2	1837.	513.7	116.6	14.23	9.498	-.8130
#3	1839.	513.9	118.0	13.87	8.723	-.8366

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	1.733	-1.813	25.61	31.29	5.282	.2306
Stddev	.618	1.015	.28	.07	.273	.0442
%RSD	35.65	55.96	1.094	.2341	5.161	19.16

#1	2.439	-.7589	25.64	31.37	5.596	.2260
#2	1.472	-2.783	25.32	31.27	5.149	.2769
#3	1.289	-1.897	25.88	31.23	5.101	.1889

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-1-a@4 Acquired: 7/3/2011 14:38:09 Type: Unk
 Method: SW846062811(v4) 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	.9582	14.75	334.4
Stddev	.5365	.16	3.1
%RSD	55.99	1.102	.9321

#1	1.186	14.93	337.0
#2	1.343	14.62	331.0
#3	.3453	14.70	335.2

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	4255.3	52581.	10054.
Stddev	14.8	308.	51.
%RSD	.34770	.58533	.51116

#1	4242.8	52229.	10008.
#2	4251.5	52797.	10109.
#3	4271.7	52718.	10044.

Sample Name: 460-28077-f-2-a@4 Acquired: 7/3/2011 14:41:54 Type: Unk

Method: SW846062811(v4) 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	16590.	7.119	-8843	132.7	1.092	5615.
Stddev	43.	2.053	.3066	.2	.057	4.
%RSD	.2595	28.85	34.67	.1784	5.236	.0783

#1	16630.	9.478	-5937	132.8	1.030	5619.
#2	16600.	5.737	-1.205	132.8	1.100	5616.
#3	16550.	6.142	-8546	132.4	1.144	5610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2973	26.70	39.92	21.16	52720.	1885.
Stddev	.0578	.10	.24	4.25	243.	10.
%RSD	19.45	.3839	.5927	20.11	.4613	.5221

#1	-2330	26.58	40.00	16.59	52490.	1875.
#2	-3451	26.75	39.66	25.00	52690.	1894.
#3	-3138	26.77	40.11	21.88	52980.	1885.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-2-a@4 Acquired: 7/3/2011 14:41:54 Type: Unk

Method: SW846062811(v4) 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	3016.	796.9	164.3	24.02	20.90	-2.345
Stddev	11.	3.5	7.3	.30	1.31	.489
%RSD	.3756	.4369	4.447	1.256	6.243	20.84

#1	3003.	793.4	172.6	24.37	21.24	-1.836
#2	3023.	796.9	158.9	23.80	22.01	-2.387
#3	3022.	800.4	161.4	23.91	19.46	-2.811

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	2.266	-2.510	52.59	52.77	7.619	2.038
Stddev	2.198	1.319	.44	.14	.375	.198
%RSD	97.01	52.55	.8432	.2605	4.915	9.720

#1	4.471	-3.249	52.11	52.92	7.856	2.265
#2	.0749	-3.294	52.66	52.77	7.814	1.897
#3	2.252	-.9872	52.99	52.64	7.187	1.953

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-2-a@4 Acquired: 7/3/2011 14:41:54 Type: Unk
 Method: SW846062811(v4) 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	1.480	29.96	540.7
Stddev	.456	.06	.9
%RSD	30.85	.2155	.1659

#1	.9957	30.04	539.8
#2	1.541	29.94	540.6
#3	1.902	29.91	541.6

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	4296.1	53159.	10255.
Stddev	8.3	131.	25.
%RSD	.19394	.24686	.24311

#1	4287.9	53310.	10234.
#2	4295.7	53097.	10247.
#3	4304.6	53071.	10282.

Sample Name: 460-28077-f-3-a@4 Acquired: 7/3/2011 14:45:36 Type: Unk

Method: SW846062811(v4) 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	11150.	5.491	-.3493	174.4	1.191	5212.
Stddev	13.	.774	.6267	.0	.016	17.
%RSD	.1178	14.09	179.4	.0224	1.349	.3323

#1	11150.	5.030	-.7257	174.3	1.202	5232.
#2	11140.	6.384	.3741	174.4	1.172	5206.
#3	11160.	5.058	-.6964	174.4	1.198	5199.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2677	11.32	36.94	13.66	45430.	1953.
Stddev	.0734	.16	.10	3.12	258.	35.
%RSD	27.41	1.455	.2826	22.87	.5688	1.808

#1	-.3076	11.49	37.02	14.66	45680.	1984.
#2	-.3125	11.29	36.98	10.15	45440.	1915.
#3	-.1830	11.17	36.82	16.15	45170.	1960.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-3-a@4 Acquired: 7/3/2011 14:45:36 Type: Unk

Method: SW846062811(v4) 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	3460.	957.4	147.6	25.36	20.70	-.3101
Stddev	3.	2.8	6.2	.34	.66	.4321
%RSD	.0835	.2900	4.197	1.344	3.211	139.3

#1	3462.	959.5	140.9	25.34	21.46	-.4287
#2	3461.	958.5	148.8	25.70	20.38	.1688
#3	3457.	954.2	153.1	25.02	20.26	-.6705

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	1.681	-4.170	46.40	57.14	6.790	.1223
Stddev	1.128	.788	.17	.22	.231	.0907
%RSD	67.09	18.89	.3751	.3774	3.406	74.19

#1	2.930	-3.274	46.60	57.09	6.817	.2185
#2	1.373	-4.752	46.27	57.38	7.006	.1101
#3	.7391	-4.484	46.32	56.96	6.546	.0383

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-3-a@4 Acquired: 7/3/2011 14:45:36 Type: Unk
Method: SW846062811(v4) 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	1.072	15.61	558.0
Stddev	.232	.06	1.6
%RSD	21.67	.4086	.2938

#1	.8066	15.63	558.8
#2	1.238	15.66	559.0
#3	1.172	15.54	556.1

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	4275.9	52777.	10175.
Stddev	4.6	57.	35.
%RSD	.10748	.10844	.34551

#1	4277.4	52735.	10137.
#2	4279.5	52753.	10184.
#3	4270.7	52842.	10205.

Sample Name: CCV Acquired: 7/3/2011 14:49:22 Type: QC
Method: SW846062811(v4) 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	121100.	2448.	1197.	9841.	965.8	125200.
Stddev	261.	8.	3.	15.	2.0	244.
%RSD	.2157	.3429	.2591	.1548	.2074	.1946

#1	121300.	2454.	1194.	9853.	966.2	125300.
#2	121300.	2452.	1197.	9847.	967.5	125400.
#3	120800.	2438.	1201.	9824.	963.6	124900.

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	1228.	2449.	4886.	12140.	99710.	48660.
Stddev	2.	4.	9.	10.	247.	94.
%RSD	.1593	.1668	.1854	.0818	.2479	.1930

#1	1230.	2452.	4884.	12150.	99870.	48630.
#2	1229.	2451.	4879.	12140.	99840.	48770.
#3	1226.	2444.	4896.	12130.	99430.	48590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 14:49:22 Type: QC
Method: SW846062811(v4) 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	123100.	4978.	121900.	2464.	7358.	991.1
Stddev	205.	18.	339.	4.	13.	3.2
%RSD	.1665	.3664	.2779	.1624	.1813	.3254

#1	123000.	4989.	122300.	2467.	7360.	994.9
#2	123000.	4957.	121800.	2466.	7371.	989.1
#3	123300.	4987.	121600.	2459.	7344.	989.5

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	2416.	2493.	2460.	2440.	978.4	2471.
Stddev	4.	9.	4.	3.	1.8	3.
%RSD	.1613	.3610	.1621	.1344	.1855	.1146

#1	2419.	2503.	2464.	2441.	977.0	2473.
#2	2418.	2493.	2460.	2443.	980.5	2472.
#3	2412.	2485.	2456.	2437.	977.7	2467.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 14:49:22 Type: QC
Method: SW846062811(v4) 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	983.6	4933.	9724.
Stddev	3.1	49.	16.
%RSD	.3143	.9954	.1630

#1	985.0	4901.	9718.
#2	985.8	4989.	9741.
#3	980.1	4908.	9711.

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	3874.0	47379.	9685.2
Stddev	4.3	14.	56.1
%RSD	.11140	.02899	.57941

#1	3878.9	47393.	9723.9
#2	3871.8	47377.	9620.8
#3	3871.1	47366.	9710.8

Sample Name: CCB Acquired: 7/3/2011 14:53:10 Type: QC
Method: SW846062811(v4) 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	11.26	-.0465	-.4901	.1845	.0250	-.9856
Stddev	4.66	.6651	.3648	.1110	.0674	5.071
%RSD	41.39	1431.	74.43	60.19	269.3	514.5

#1	16.63	.7204	-.6787	.3085	-.0280	3.114
#2	8.336	-.3950	-.0696	.1505	.0022	-6.657
#3	8.805	-.4648	-.7220	.0944	.1009	.5864

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0478	-.0258	-.0609	1.515	.3028	16.16
Stddev	.0793	.1236	.1768	1.373	8.862	42.43
%RSD	165.8	478.6	290.1	90.63	2927.	262.6

#1	.0018	-.0810	.1232	.0464	8.727	5.870
#2	.0024	-.1122	-.2292	1.731	1.121	-20.18
#3	.1394	.1157	-.0768	2.766	-8.940	62.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 14:53:10 Type: QC
Method: SW846062811(v4) 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	2.200	.1151	20.23	-.0525	1.443	-.0152
Stddev	1.752	.0454	11.40	.2400	.680	.4774
%RSD	79.61	39.49	56.37	457.5	47.10	3132.
#1	2.519	.0767	32.67	.2167	.9188	.3120
#2	3.771	.1653	10.28	-.1299	1.200	-.5630
#3	.3112	.1032	17.74	-.2442	2.211	.2053

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	-.1843	-.9515	-.1477	-.0917	1.582	.5084
Stddev	1.988	.9476	.1354	.0723	.524	.2067
%RSD	1079.	99.59	91.65	78.85	33.11	40.66
#1	1.638	.0339	-.2843	-.0212	1.520	.7292
#2	-2.304	-1.032	-.1453	-.0882	2.133	.3194
#3	.1135	-1.856	-.0136	-.1656	1.091	.4766

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 14:53:10 Type: QC
Method: SW846062811(v4) 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	.2500	.2467	1.772
Stddev	.5177	.0447	.683
%RSD	207.0	18.11	38.55

#1	.0236	.2983	2.223
#2	-.1159	.2192	2.107
#3	.8424	.2227	.9860

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	4203.0	51985.	9907.8
Stddev	6.4	407.	27.8
%RSD	.15140	.78372	.28108

#1	4205.7	51855.	9913.0
#2	4195.7	52441.	9877.8
#3	4207.6	51658.	9932.7

Sample Name: mb 460-78704/1-a@2 Acquired: 7/3/2011 14:57:04 Type: QC

Method: SW846062811(v4) 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	3.959	.5708	-.6693	.0730	-.0394	28.18
Stddev	12.10	2.238	.2086	.0737	.1105	3.54
%RSD	305.5	392.1	31.17	101.0	280.3	12.57

#1	-3.235	-1.741	-.4793	.1249	-.1630	30.11
#2	17.92	2.727	-.8926	-.0114	.0499	24.09
#3	-2.811	.7265	-.6360	.1055	-.0052	30.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0541	.0374	.3990	3.426	.0855	37.77
Stddev	.0952	.0761	.1840	1.659	6.808	8.95
%RSD	176.0	203.6	46.10	48.41	7962.	23.69

#1	-.0172	-.0495	.5051	3.840	2.555	28.78
#2	.1623	.0924	.1866	1.599	5.315	46.68
#3	.0172	.0692	.5054	4.838	-7.613	37.86

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78704/1-a@2 Acquired: 7/3/2011 14:57:04 Type: QC

Method: SW846062811(v4) 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	- .5373	.0680	2.530	.2908	1.204	-.0246
Stddev	.7300	.0340	16.28	.1073	.480	1.582
%RSD	135.9	50.03	643.5	36.88	39.87	6428.

#1	-1.370	.0681	21.28	.3332	.8251	-1.746
#2	-.2344	.0339	-7.987	.1689	1.044	1.366
#3	-.0075	.1019	-5.705	.3705	1.744	.3062

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	1.822	-.1721	-.0755	.5809	.6508	.2514
Stddev	1.957	.8441	.4397	.1104	.6212	.1350
%RSD	107.4	490.6	582.3	19.00	95.45	53.72

#1	1.655	.8007	-.3744	.6913	1.304	.3470
#2	3.856	-.7116	.4294	.4705	.5816	.3103
#3	-.0461	-.6053	-.2815	.5809	.0671	.0969

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78704/1-a@2 Acquired: 7/3/2011 14:57:04 Type: QC
Method: SW846062811(v4) 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	.0480	.1589	2.388
Stddev	.2626	.0935	.719
%RSD	546.9	58.84	30.10

#1	-.0704	.0621	3.153
#2	.3489	.2486	1.726
#3	-.1346	.1659	2.285

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	4178.6	51854.	9871.8
Stddev	6.4	59.	16.2
%RSD	.15272	.11366	.16381

#1	4173.0	51874.	9890.5
#2	4177.4	51901.	9862.3
#3	4185.5	51788.	9862.7

Sample Name: lcssrm 460-78704/2-a Acquired: 7/3/2011 15:00:54 Type: QC

Method: SW846062811(v4) 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	41640.	500.6	141.8	964.4	384.0	51220.
Stddev	259.	1.4	1.2	.8	2.3	353.
%RSD	.6208	.2835	.8424	.0862	.5961	.6885

#1	41850.	500.6	143.1	965.3	386.2	51540.
#2	41350.	502.0	140.8	964.1	381.6	50840.
#3	41720.	499.2	141.4	963.7	384.3	51270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	305.8	485.6	1224.	874.7	91440.	20420.
Stddev	.5	1.2	4.	6.6	359.	104.
%RSD	.1530	.2491	.3553	.7557	.3923	.5110

#1	306.4	486.7	1225.	880.7	91520.	20530.
#2	305.6	485.8	1228.	867.6	91750.	20330.
#3	305.5	484.3	1219.	875.8	91040.	20390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78704/2-a Acquired: 7/3/2011 15:00:54 Type: QC

Method: SW846062811(v4) 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	18380.	2869.	4966.	724.6	431.0	937.6
Stddev	45.	9.	43.	1.7	1.5	1.6
%RSD	.2452	.3295	.8569	.2392	.3510	.1740

#1	18400.	2873.	5011.	726.5	432.7	939.5
#2	18410.	2877.	4927.	724.3	430.0	936.5
#3	18330.	2859.	4961.	723.1	430.3	936.8

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	1373.	670.6	583.0	2962.	698.2	276.0
Stddev	4.	3.5	1.8	7.	1.3	.4
%RSD	.2989	.5271	.3095	.2195	.1905	.1410

#1	1378.	674.3	582.9	2969.	699.8	276.0
#2	1371.	667.3	584.9	2957.	697.3	276.3
#3	1371.	670.1	581.3	2959.	697.6	275.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78704/2-a Acquired: 7/3/2011 15:00:54 Type: QC

Method: SW846062811(v4) 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	543.8	1141.	2115.
Stddev	.8	8.	12.
%RSD	.1544	.7018	.5532

#1	544.7	1148.	2122.
#2	543.2	1132.	2101.
#3	543.3	1144.	2122.

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	4312.2	52914.	10493.
Stddev	5.9	198.	65.
%RSD	.13730	.37335	.61592

#1	4306.5	52808.	10421.
#2	4311.8	52792.	10545.
#3	4318.3	53142.	10514.

Sample Name: 460-28150-b-1-e du@4 Acquired: 7/3/2011 15:04:26 Type: Unk

Method: SW846062811(v4) 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	1924.	2.546	-.3474	9.101	.1705	134.4
Stddev	10.	1.234	.3343	.040	.1121	11.0
%RSD	.4993	48.48	96.23	.4363	65.78	8.214

#1	1929.	1.347	-.0309	9.145	.0625	142.4
#2	1912.	3.813	-.3141	9.087	.2863	121.8
#3	1929.	2.479	-.6970	9.070	.1625	138.9

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	-.0232	3.787	12.45	11.32	5112.	101.4
Stddev	.0969	.038	.12	1.46	8.	19.3
%RSD	417.2	1.005	.9589	12.86	.1537	19.06

#1	.0799	3.800	12.31	12.14	5105.	121.3
#2	-.1124	3.817	12.51	9.638	5113.	100.2
#3	-.0371	3.744	12.53	12.18	5120.	82.73

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-1-e du@4 Acquired: 7/3/2011 15:04:26 Type: Unk

Method: SW846062811(v4) 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	187.2	22.52	17.11	1.561	2.415	.7443
Stddev	3.6	.12	12.60	.104	.565	.4901
%RSD	1.917	.5396	73.65	6.660	23.37	65.86

#1	187.9	22.50	19.44	1.442	2.482	1.271
#2	190.3	22.65	3.508	1.635	2.944	.3022
#3	183.3	22.41	28.39	1.607	1.820	.6592

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	-3.789	-2.653	37.15	4.826	1.744	.4795
Stddev	2.603	.991	.27	.143	.486	.2303
%RSD	686.9	37.35	.7380	2.968	27.87	48.04

#1	-.6603	-2.257	36.97	4.690	2.283	.2141
#2	-2.830	-1.921	37.47	4.811	1.340	.5966
#3	2.353	-3.780	37.02	4.976	1.608	.6277

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-1-e du@4 Acquired: 7/3/2011 15:04:26 Type: Unk
 Method: SW846062811(v4) 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	1.230	4.476	264.3
Stddev	.415	.100	1.1
%RSD	33.73	2.242	.4182

#1	.7866	4.535	264.9
#2	1.609	4.360	263.1
#3	1.296	4.532	265.0

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	4253.2	52594.	10049.
Stddev	5.0	94.	20.
%RSD	.11840	.17828	.20006

#1	4258.3	52664.	10070.
#2	4248.2	52487.	10045.
#3	4253.1	52630.	10031.

Sample Name: 460-28150-B-1-D@4 Acquired: 7/3/2011 15:08:14 Type: Unk

Method: SW846062811(v4) 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	2069.	2.297	-.9240	10.63	.1338	136.7
Stddev	10.	1.317	.1884	.11	.0868	11.6
%RSD	.5011	57.33	20.39	1.044	64.91	8.472

#1	2072.	1.031	-1.117	10.67	.0431	130.2
#2	2058.	2.200	-.7411	10.72	.1421	150.0
#3	2078.	3.659	-.9134	10.51	.2162	129.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0068	4.896	12.38	9.810	5132.	88.20
Stddev	.0176	.077	.15	1.524	18.	61.01
%RSD	257.8	1.580	1.243	15.54	.3573	69.17

#1	.0131	4.819	12.51	9.069	5152.	70.42
#2	-.0130	4.974	12.41	11.56	5130.	38.06
#3	.0205	4.894	12.21	8.798	5115.	156.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-B-1-D@4 Acquired: 7/3/2011 15:08:14 Type: Unk

Method: SW846062811(v4) 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	204.4	27.41	16.66	1.661	3.948	.4248
Stddev	1.4	.08	.68	.197	.519	.9153
%RSD	.6742	.2824	4.061	11.86	13.14	215.4

#1	205.9	27.48	17.44	1.625	4.540	1.060
#2	203.6	27.43	16.22	1.873	3.736	.8389
#3	203.5	27.33	16.34	1.484	3.569	-.6243

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	1.604	-1.843	35.12	4.700	.8014	.4511
Stddev	3.631	1.571	.28	.042	.4958	.2162
%RSD	226.5	85.24	.7920	.8845	61.87	47.94

#1	.9788	-3.433	35.43	4.711	1.327	.6623
#2	-1.675	-1.802	35.05	4.653	.7349	.4608
#3	5.507	-.2925	34.88	4.734	.3422	.2301

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-B-1-D@4 Acquired: 7/3/2011 15:08:14 Type: Unk
Method: SW846062811(v4) 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	1.319	4.909	280.6
Stddev	.511	.075	1.2
%RSD	38.77	1.536	.4319

#1	1.580	4.868	281.7
#2	.7299	4.996	279.3
#3	1.648	4.864	280.9

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	4248.8	52788.	10045.
Stddev	7.8	87.	44.
%RSD	.18324	.16535	.44074

#1	4254.3	52690.	10002.
#2	4239.9	52814.	10090.
#3	4252.2	52859.	10042.

Sample Name: sd 460-28150-b-1-d@2 Acquired: 7/3/2011 15:12:00 Type: Unk

Method: SW846062811(v4) 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	397.2	-.2630	-.1785	1.975	.0068	30.44
Stddev	.8	1.456	.5307	.060	.0218	1.58
%RSD	.2007	553.8	297.3	3.048	320.1	5.176

#1	396.3	-.4678	.4329	1.965	-.0075	30.70
#2	397.8	-1.606	-.5193	1.920	.0319	31.87
#3	397.4	1.285	-.4491	2.039	-.0040	28.75

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0419	1.055	2.652	2.882	977.5	36.26
Stddev	.0731	.131	.291	1.512	3.3	27.67
%RSD	174.4	12.39	10.96	52.46	.3413	76.31

#1	.0893	.9162	2.898	4.573	981.0	62.23
#2	-.0423	1.176	2.331	2.410	977.1	39.39
#3	.0787	1.073	2.726	1.662	974.4	7.156

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28150-b-1-d@2 Acquired: 7/3/2011 15:12:00 Type: Unk

Method: SW846062811(v4) 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	39.45	5.225	-8.812	.3684	1.315	-.0341
Stddev	1.38	.048	1.788	.2374	.994	.9497
%RSD	3.489	.9197	20.29	64.42	75.59	2783.

#1	40.99	5.278	-10.67	.0956	.7223	-.6631
#2	38.35	5.213	-7.103	.5272	2.463	-.4976
#3	39.00	5.185	-8.664	.4825	.7607	1.058

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	.2698	-1.197	6.606	1.483	.5248	.1094
Stddev	1.829	.429	.535	.226	.2365	.1287
%RSD	678.1	35.85	8.098	15.26	45.07	117.7

#1	.0640	-.7373	6.252	1.642	.7896	.2496
#2	-1.448	-1.587	6.346	1.224	.4503	-.0034
#3	2.193	-1.267	7.222	1.584	.3345	.0818

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28150-b-1-d@2 Acquired: 7/3/2011 15:12:00 Type: Unk
 Method: SW846062811(v4) 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	.6220	.9589	55.24
Stddev	.4124	.1099	.84
%RSD	66.30	11.47	1.517

#1	.1525	.8673	55.95
#2	.9255	1.081	54.31
#3	.7881	.9286	55.45

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	4239.7	52669.	9975.6
Stddev	3.5	352.	16.7
%RSD	.08276	.66775	.16720

#1	4242.5	53037.	9986.2
#2	4235.8	52633.	9984.2
#3	4240.9	52336.	9956.4

Sample Name: 460-28150-b-1-f ms@4 Acquired: 7/3/2011 15:15:51 Type: Unk

Method: SW846062811(v4) 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	7451.	869.9	34.95	984.3	23.72	10050.
Stddev	16.	3.9	.53	.5	.23	24.
%RSD	.2174	.4434	1.519	.0463	.9759	.2405

#1	7467.	873.0	34.42	984.8	23.57	10030.
#2	7435.	871.0	35.48	984.0	23.60	10050.
#3	7451.	865.6	34.96	983.9	23.98	10080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.62	246.7	113.7	126.8	5544.	9363.
Stddev	.05	.2	.4	.3	30.	19.
%RSD	.1959	.0788	.3800	.2751	.5479	.2009

#1	23.58	246.8	114.2	126.8	5511.	9342.
#2	23.67	246.5	113.4	126.5	5570.	9379.
#3	23.61	246.8	113.5	127.2	5552.	9366.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-1-f ms@4 Acquired: 7/3/2011 15:15:51 Type: Unk

Method: SW846062811(v4) 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	9474.	265.6	9526.	247.7	249.3	225.4
Stddev	13.	.4	29.	.3	.9	1.2
%RSD	.1382	.1371	.3003	.1056	.3735	.5121

#1	9463.	265.5	9493.	248.0	250.1	226.6
#2	9489.	266.0	9541.	247.6	249.7	225.0
#3	9471.	265.3	9545.	247.5	248.3	224.4

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	863.1	1042.	274.3	240.9	228.1	236.5
Stddev	1.7	2.	.9	.4	.8	.7
%RSD	.1933	.2027	.3460	.1608	.3437	.3145

#1	862.5	1044.	274.1	241.1	229.0	236.8
#2	861.9	1040.	275.4	241.1	227.7	237.0
#3	865.0	1041.	273.5	240.4	227.7	235.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-1-f ms@4 Acquired: 7/3/2011 15:15:51 Type: Unk
Method: SW846062811(v4) 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	241.6	246.1	451.4
Stddev	1.1	.6	2.1
%RSD	.4418	.2308	.4724

#1	242.5	245.4	450.0
#2	240.4	246.4	450.4
#3	241.9	246.4	453.9

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	4167.6	51164.	9914.9
Stddev	5.9	127.	26.3
%RSD	.14203	.24885	.26489

#1	4161.8	51107.	9885.1
#2	4173.6	51076.	9924.7
#3	4167.2	51310.	9934.8

Sample Name: ps 460-28150-b-1-d@4 Acquired: 7/3/2011 15:19:25 Type: Unk

Method: SW846062811(v4) 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	3906.	1709.	40.97	1852.	44.80	18900.
Stddev	21.	3.	.52	3.	.29	77.
%RSD	.5357	.1708	1.270	.1437	.6574	.4072

#1	3919.	1709.	40.44	1850.	45.13	18990.
#2	3917.	1713.	41.00	1855.	44.56	18880.
#3	3882.	1707.	41.48	1852.	44.72	18830.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45.41	465.6	193.3	229.7	6033.	17730.
Stddev	.12	.6	.4	2.5	32.	151.
%RSD	.2653	.1273	.2160	1.104	.5268	.8516

#1	45.29	466.1	193.7	232.4	6067.	17900.
#2	45.43	465.7	193.0	229.1	6030.	17630.
#3	45.53	464.9	193.1	227.5	6004.	17650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ps 460-28150-b-1-d@4 Acquired: 7/3/2011 15:19:25 Type: Unk

Method: SW846062811(v4) 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	17820.	490.6	18230.	465.5	468.8	425.1
Stddev	20.	1.4	137.	.9	.4	.8
%RSD	.1126	.2815	.7490	.1995	.0761	.1951

#1	17840.	492.2	18380.	464.8	468.6	424.5
#2	17800.	489.7	18210.	466.6	469.2	426.1
#3	17830.	490.0	18110.	465.1	468.5	424.9

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	1698.	1974.	485.6	455.0	747.3	454.6
Stddev	6.	8.	2.4	.6	3.9	1.2
%RSD	.3814	.3938	.4861	.1363	.5174	.2741

#1	1695.	1967.	487.8	454.6	742.8	454.4
#2	1706.	1983.	485.9	455.7	749.0	455.9
#3	1694.	1972.	483.1	454.7	749.9	453.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ps 460-28150-b-1-d@4 Acquired: 7/3/2011 15:19:25 Type: Unk
Method: SW846062811(v4) 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	457.0	451.3	723.1
Stddev	1.5	2.5	2.1
%RSD	.3326	.5596	.2867

#1	456.5	454.1	725.3
#2	458.6	450.6	721.2
#3	455.7	449.2	722.7

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	4123.3	50739.	9921.9
Stddev	8.1	210.	46.1
%RSD	.19723	.41352	.46463

#1	4132.4	50508.	9876.9
#2	4116.8	50917.	9919.8
#3	4120.8	50792.	9969.0

Sample Name: 460-28077-f-4-a@4 Acquired: 7/3/2011 15:22:57 Type: Unk

Method: SW846062811(v4) 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	9992.	5.397	-.6895	125.3	.9766	4569.
Stddev	27.	1.527	.2920	.1	.0943	24.
%RSD	.2712	28.29	42.35	.0937	9.658	.5280

#1	9962.	4.636	-.6355	125.3	.9512	4557.
#2	10010.	7.154	-.4283	125.4	.8976	4553.
#3	10000.	4.400	-1.005	125.2	1.081	4596.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2378	21.22	31.16	14.46	44150.	1705.
Stddev	.0936	.35	.25	1.18	123.	27.
%RSD	39.36	1.650	.7980	8.164	.2791	1.595

#1	-.3011	20.91	31.08	13.62	44000.	1724.
#2	-.2821	21.15	30.97	15.81	44230.	1717.
#3	-.1303	21.60	31.44	13.96	44200.	1674.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-4-a@4 Acquired: 7/3/2011 15:22:57 Type: Unk

Method: SW846062811(v4) 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	2881.	259.6	137.7	22.04	19.87	.6824
Stddev	14.	.4	9.4	.16	.68	2.638
%RSD	.4945	.1537	6.831	.7101	3.399	386.6

#1	2868.	259.2	147.8	22.21	19.53	3.682
#2	2879.	259.8	129.1	22.01	20.65	-1.276
#3	2897.	259.9	136.2	21.90	19.43	-.3587

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	.3561	-1.543	39.70	53.23	7.986	.7114
Stddev	2.883	1.442	.09	.06	.734	.0892
%RSD	809.5	93.47	.2222	.1071	9.193	12.53

#1	-2.965	-.5340	39.69	53.21	8.329	.7414
#2	2.207	-3.194	39.62	53.30	8.485	.6111
#3	1.827	-.8997	39.79	53.19	7.143	.7817

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28077-f-4-a@4 Acquired: 7/3/2011 15:22:57 Type: Unk
 Method: SW846062811(v4) 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	1.591	18.10	484.1
Stddev	.467	.10	1.0
%RSD	29.32	.5317	.2012

#1	1.729	18.00	483.0
#2	1.973	18.10	484.6
#3	1.071	18.19	484.8

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	4263.5	52746.	10110.
Stddev	4.2	47.	11.
%RSD	.09833	.08858	.10755

#1	4258.6	52792.	10100.
#2	4265.9	52747.	10122.
#3	4266.0	52699.	10109.

Sample Name: 460-28150-b-2-b@4 Acquired: 7/3/2011 15:26:39 Type: Unk

Method: SW846062811(v4) 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	58720.	12.87	-1.112	327.7	1.859	1402.
Stddev	120.	1.68	.176	.9	.050	8.
%RSD	.2037	13.03	15.84	.2790	2.672	.5576

#1	58780.	11.14	-.9194	326.7	1.906	1411.
#2	58790.	12.98	-1.265	328.5	1.863	1400.
#3	58580.	14.48	-1.154	327.9	1.807	1396.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.276	54.02	158.1	68.30	139400.	10520.
Stddev	.041	.04	.7	1.16	408.	16.
%RSD	3.199	.0787	.4296	1.701	.2928	.1497

#1	-1.323	54.04	157.9	67.03	139500.	10500.
#2	-1.259	53.98	157.5	68.58	139000.	10520.
#3	-1.247	54.06	158.8	69.30	139800.	10530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-2-b@4 Acquired: 7/3/2011 15:26:39 Type: Unk

Method: SW846062811(v4) 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	11190.	2152.	89.05	71.70	37.45	.1554
Stddev	28.	8.	12.70	.38	.55	1.696
%RSD	.2492	.3927	14.26	.5352	1.465	1092.

#1	11200.	2151.	74.45	72.12	37.97	-.5046
#2	11160.	2145.	95.12	71.37	36.88	2.083
#3	11220.	2161.	97.57	71.62	37.50	-1.112

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	2.724	-9.465	272.4	143.4	8.377	1.636
Stddev	3.578	1.411	1.3	.4	.967	.139
%RSD	131.3	14.91	.4621	.2596	11.55	8.501

#1	-.5989	-9.776	272.2	143.8	9.358	1.644
#2	2.259	-10.70	271.3	143.1	8.349	1.494
#3	6.512	-7.925	273.8	143.4	7.424	1.772

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-2-b@4 Acquired: 7/3/2011 15:26:39 Type: Unk
Method: SW846062811(v4) 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	5.246	19.96	3986.
Stddev	.537	.08	2.
%RSD	10.24	.4004	.0559

#1	4.805	20.02	3989.
#2	5.089	20.00	3986.
#3	5.844	19.87	3984.

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	4331.9	52997.	10405.
Stddev	6.6	189.	19.
%RSD	.15210	.35580	.18654

#1	4326.2	52851.	10391.
#2	4339.1	53210.	10397.
#3	4330.5	52930.	10427.

Sample Name: 460-28150-b-3-b@4 Acquired: 7/3/2011 15:30:21 Type: Unk

Method: SW846062811(v4) 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	68640.	11.07	-1.188	353.4	1.721	2570.
Stddev	106.	2.94	.323	.7	.087	5.
%RSD	.1538	26.58	27.20	.1907	5.060	.2015

#1	68540.	13.39	-1.216	352.6	1.703	2568.
#2	68750.	7.759	-.8522	353.8	1.644	2575.
#3	68630.	12.04	-1.497	353.7	1.815	2565.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.462	31.23	146.2	71.16	136800.	11230.
Stddev	.188	.23	.5	1.88	671.	19.
%RSD	12.84	.7395	.3257	2.637	.4905	.1700

#1	-1.659	31.04	145.9	70.25	137500.	11210.
#2	-1.441	31.18	146.0	69.91	136800.	11240.
#3	-1.286	31.49	146.8	73.32	136200.	11240.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-3-b@4 Acquired: 7/3/2011 15:30:21 Type: Unk

Method: SW846062811(v4) 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	13250.	1021.	160.3	57.17	37.69	-.5537
Stddev	11.	2.	11.8	.45	.73	.9059
%RSD	.0850	.1830	7.349	.7949	1.948	163.6

#1	13260.	1023.	158.3	56.73	37.60	.2201
#2	13260.	1020.	149.6	57.63	37.00	-1.550
#3	13240.	1020.	172.9	57.15	38.46	-.3310

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	.8504	-10.48	284.8	147.4	10.17	.7808
Stddev	.4023	.94	1.0	.1	.32	.1385
%RSD	47.31	8.940	.3399	.0779	3.149	17.74

#1	.8470	-11.28	285.7	147.4	10.54	.7318
#2	1.254	-9.449	284.8	147.3	9.981	.6734
#3	.4498	-10.70	283.8	147.5	9.996	.9372

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-3-b@4 Acquired: 7/3/2011 15:30:21 Type: Unk
Method: SW846062811(v4) 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	5.293	25.84	4294.
Stddev	.503	.08	4.
%RSD	9.501	.2940	.0987

#1	4.728	25.93	4289.
#2	5.690	25.82	4295.
#3	5.461	25.79	4297.

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	4335.8	52894.	10362.
Stddev	6.0	184.	35.
%RSD	.13724	.34804	.33658

#1	4332.4	52682.	10343.
#2	4342.7	52985.	10342.
#3	4332.4	53014.	10403.

Sample Name: CCV Acquired: 7/3/2011 15:34:05 Type: QC
Method: SW846062811(v4) 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	120600.	2433.	1191.	9806.	965.8	125300.
Stddev	162.	4.	3.	12.	.4	202.
%RSD	.1345	.1631	.2143	.1241	.0390	.1611

#1	120800.	2436.	1194.	9817.	966.0	125300.
#2	120500.	2434.	1189.	9809.	966.0	125500.
#3	120500.	2428.	1190.	9793.	965.3	125200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1222.	2436.	4872.	12110.	100000.	48650.
Stddev	2.	4.	13.	7.	329.	144.
%RSD	.1496	.1574	.2648	.0614	.3283	.2962

#1	1224.	2440.	4881.	12100.	100400.	48640.
#2	1222.	2436.	4857.	12110.	99750.	48800.
#3	1220.	2432.	4878.	12120.	99990.	48510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 15:34:05 Type: QC
Method: SW846062811(v4) 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	122700.	4982.	122200.	2454.	7317.	986.2
Stddev	264.	19.	374.	4.	15.	2.1
%RSD	.2150	.3910	.3063	.1572	.2000	.2080

#1	123000.	4973.	122500.	2458.	7329.	985.7
#2	122400.	5004.	122400.	2454.	7322.	988.5
#3	122700.	4969.	121800.	2450.	7301.	984.5

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	2400.	2483.	2468.	2425.	973.1	2461.
Stddev	7.	3.	8.	4.	1.1	6.
%RSD	.2715	.1283	.3163	.1673	.1098	.2442

#1	2406.	2484.	2476.	2428.	973.0	2467.
#2	2401.	2485.	2460.	2426.	974.2	2461.
#3	2393.	2479.	2468.	2420.	972.0	2455.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 15:34:05 Type: QC
Method: SW846062811(v4) 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	979.8	4938.	9678.
Stddev	4.0	26.	3.
%RSD	.4131	.5289	.0339

#1	983.2	4920.	9678.
#2	980.9	4968.	9675.
#3	975.4	4925.	9681.

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	3871.5	47192.	9643.6
Stddev	3.9	58.	30.0
%RSD	.10097	.12379	.31106

#1	3873.7	47162.	9678.0
#2	3873.8	47155.	9622.8
#3	3867.0	47260.	9630.0

Sample Name: CCB Acquired: 7/3/2011 15:37:54 Type: QC
Method: SW846062811(v4) 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	2.762	1.525	-.3651	.2200	.0693	.2360
Stddev	13.41	.504	.1389	.0640	.0394	8.714
%RSD	485.5	33.07	38.05	29.09	56.88	3692.
#1	18.09	1.107	-.5232	.2274	.0311	5.472
#2	-6.835	1.383	-.2629	.2800	.0670	-9.823
#3	-2.963	2.085	-.3091	.1526	.1098	5.059

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1220	.1063	-.0350	3.238	-4.088	-3.488
Stddev	.1329	.1147	.3024	.677	5.862	22.21
%RSD	108.9	107.9	865.0	20.92	143.4	636.7
#1	.1381	.0639	-.1066	3.842	-5.894	-27.15
#2	-.0182	.0188	.2969	3.366	-8.834	16.90
#3	.2461	.2361	-.2952	2.506	2.465	-.2088

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 15:37:54 Type: QC
Method: SW846062811(v4) 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	1.191	.1324	12.46	-.0132	.9493	.9614
Stddev	2.462	.0281	11.37	.2397	.1184	.4955
%RSD	206.7	21.23	91.26	1821.	12.47	51.54

#1	1.553	.1211	25.57	-.2246	.8578	.6044
#2	-1.432	.1643	6.464	.2473	.9070	1.527
#3	3.451	.1116	5.341	-.0623	1.083	.7527

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	-.5615	.1033	-.1053	1.836	.4213
Stddev	2.346	.5951	.2129	.1246	.705	.0962
%RSD	207.4	106.0	206.0	118.3	38.39	22.85

#1	-1.220	.0958	-.0430	.0384	2.639	.5161
#2	3.473	-1.064	.0054	-.1712	1.544	.3236
#3	1.141	-.7166	.3475	-.1832	1.323	.4242

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 15:37:54 Type: QC
 Method: SW846062811(v4) 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	.4024	.0968	.8788
Stddev	.0543	.0655	1.075
%RSD	13.50	67.65	122.3

#1	.3696	.1672	1.594
#2	.4651	.0855	1.400
#3	.3725	.0377	-.3576

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	4200.5	51932.	9906.5
Stddev	5.4	133.	12.8
%RSD	.12890	.25546	.12934

#1	4206.6	52006.	9921.0
#2	4196.2	51779.	9902.0
#3	4198.6	52012.	9896.6

Sample Name: 460-28150-b-4-b@4 Acquired: 7/3/2011 15:41:49 Type: Unk

Method: SW846062811(v4) 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	56920.	21.29	-1.134	238.6	1.848	1500.
Stddev	124.	.64	.585	.9	.056	10.
%RSD	.2182	3.018	51.59	.3686	3.050	.6642

#1	56850.	21.39	-.5642	238.5	1.881	1492.
#2	56840.	20.61	-1.733	237.8	1.879	1498.
#3	57060.	21.88	-1.104	239.5	1.783	1512.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9309	29.50	105.0	41.46	105400.	3379.
Stddev	.0415	.15	.2	2.25	224.	30.
%RSD	4.457	.5025	.1475	5.426	.2124	.8791

#1	-.9777	29.67	105.2	43.94	105400.	3408.
#2	-.9162	29.42	105.0	40.91	105600.	3348.
#3	-.8987	29.42	105.0	39.54	105200.	3380.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-4-b@4 Acquired: 7/3/2011 15:41:49 Type: Unk

Method: SW846062811(v4) 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	7005.	1624.	118.6	44.34	38.10	.7231
Stddev	14.	2.	7.7	.27	1.49	.3321
%RSD	.2014	.1168	6.452	.5984	3.911	45.92

#1	6993.	1625.	123.9	44.25	37.82	.6223
#2	7021.	1626.	109.9	44.12	39.71	.4532
#3	7002.	1623.	122.1	44.63	36.77	1.094

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	5.419	-5.326	181.3	113.8	3.374	2.736
Stddev	2.214	1.646	.1	.4	.533	.082
%RSD	40.86	30.91	.0629	.3435	15.80	2.990

#1	2.899	-6.742	181.2	114.2	2.901	2.816
#2	7.051	-5.717	181.4	113.5	3.268	2.740
#3	6.308	-3.520	181.3	113.6	3.952	2.653

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-4-b@4 Acquired: 7/3/2011 15:41:49 Type: Unk
Method: SW846062811(v4) 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	3.469	17.36	1475.
Stddev	.461	.10	7.
%RSD	13.30	.5637	.4517

#1	3.955	17.31	1475.
#2	3.036	17.29	1468.
#3	3.418	17.47	1481.

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	4330.0	53114.	10327.
Stddev	3.7	136.	40.
%RSD	.08470	.25576	.38380

#1	4327.9	52996.	10282.
#2	4334.2	53084.	10354.
#3	4327.8	53263.	10346.

Sample Name: 460-28150-b-5-b@4 Acquired: 7/3/2011 15:45:30 Type: Unk

Method: SW846062811(v4) 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	40220.	21.66	-.8999	609.1	2.599	4722.
Stddev	38.	.77	.1787	.9	.058	21.
%RSD	.0936	3.565	19.85	.1510	2.232	.4415

#1	40260.	22.11	-.7394	610.0	2.652	4743.
#2	40210.	20.77	-.8678	609.2	2.537	4722.
#3	40180.	22.11	-1.092	608.2	2.609	4701.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3493	25.45	74.01	41.00	76960.	2252.
Stddev	.0929	.15	.42	1.83	153.	22.
%RSD	26.59	.6071	.5647	4.471	.1992	.9983

#1	-.2598	25.60	73.53	39.31	77100.	2278.
#2	-.4452	25.29	74.28	42.95	76800.	2244.
#3	-.3428	25.47	74.22	40.74	76980.	2236.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-5-b@4 Acquired: 7/3/2011 15:45:30 Type: Unk

Method: SW846062811(v4) 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	5813.	616.4	133.8	36.42	117.0	-1.385
Stddev	12.	1.1	4.1	.26	.5	.610
%RSD	.2147	.1759	3.044	.7101	.4234	44.07

#1	5813.	615.7	133.4	36.59	117.4	-.7206
#2	5801.	615.9	138.0	36.12	116.4	-1.513
#3	5826.	617.7	129.9	36.54	117.2	-1.921

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	3.511	-4.578	120.7	146.5	21.26	2.143
Stddev	1.184	1.316	.5	.3	.30	.194
%RSD	33.73	28.75	.4435	.2262	1.416	9.057

#1	3.774	-4.865	120.2	146.9	21.44	1.927
#2	4.542	-5.727	120.7	146.5	21.42	2.197
#3	2.218	-3.142	121.2	146.2	20.91	2.304

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-5-b@4 Acquired: 7/3/2011 15:45:30 Type: Unk
Method: SW846062811(v4) 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	4.646	54.04	1187.
Stddev	.035	.22	4.
%RSD	.7460	.4055	.3633

#1	4.680	54.25	1192.
#2	4.610	54.04	1184.
#3	4.647	53.82	1186.

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	4444.5	54571.	10632.
Stddev	6.1	22.	54.
%RSD	.13786	.04114	.50775

#1	4437.6	54546.	10587.
#2	4446.5	54578.	10617.
#3	4449.3	54589.	10692.

Sample Name: 460-28150-b-6-b@4 Acquired: 7/3/2011 15:49:12 Type: Unk

Method: SW846062811(v4) 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	17690.	6.764	-1.026	63.51	.9911	1080.
Stddev	69.	2.065	.774	.24	.0209	8.
%RSD	.3921	30.52	75.42	.3804	2.113	.7710

#1	17640.	5.867	-1.162	63.27	.9776	1070.
#2	17650.	5.300	-.1932	63.51	.9805	1085.
#3	17770.	9.126	-1.723	63.75	1.015	1084.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2166	14.38	71.09	25.67	45490.	530.4
Stddev	.0551	.21	.50	4.76	251.	14.4
%RSD	25.43	1.479	.7041	18.53	.5523	2.718

#1	-.1696	14.53	70.78	24.83	45200.	518.5
#2	-.2772	14.13	70.83	21.38	45650.	526.4
#3	-.2030	14.47	71.67	30.79	45630.	546.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-6-b@4 Acquired: 7/3/2011 15:49:12 Type: Unk

Method: SW846062811(v4) 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	1080.	273.4	75.78	21.01	17.54	-.5413
Stddev	6.	.8	3.08	.25	.39	1.328
%RSD	.5566	.3069	4.065	1.173	2.207	245.2

#1	1073.	272.4	73.06	20.98	17.10	-1.183
#2	1082.	273.9	75.15	20.78	17.73	-1.426
#3	1085.	273.8	79.13	21.27	17.80	.9851

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	.5993	-2.402	143.9	29.23	.2961	1.716
Stddev	.7370	1.032	.5	.05	.4466	.148
%RSD	123.0	42.97	.3205	.1553	150.8	8.655

#1	.2733	-1.908	143.4	29.19	.7269	1.557
#2	1.443	-1.710	144.0	29.28	.3261	1.852
#3	.0815	-3.588	144.4	29.22	-.1647	1.739

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-6-b@4 Acquired: 7/3/2011 15:49:12 Type: Unk
Method: SW846062811(v4) 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	2.729	7.454	340.0
Stddev	.467	.179	2.2
%RSD	17.13	2.398	.6556

#1	3.269	7.481	337.9
#2	2.467	7.263	339.8
#3	2.452	7.617	342.3

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	4386.6	54030.	10399.
Stddev	12.3	148.	61.
%RSD	.28098	.27368	.58528

#1	4372.4	53987.	10329.
#2	4392.5	53909.	10425.
#3	4394.9	54195.	10442.

Sample Name: 460-28150-b-7-b@4 Acquired: 7/3/2011 15:52:56 Type: Unk

Method: SW846062811(v4) 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	67870.	7.342	-1.112	389.9	1.954	2130.
Stddev	73.	1.613	.101	.4	.030	11.
%RSD	.1073	21.96	9.044	.1043	1.521	.5266

#1	67910.	6.160	-1.187	389.8	1.927	2121.
#2	67780.	6.688	-1.151	390.4	1.986	2143.
#3	67910.	9.179	-.9978	389.6	1.948	2126.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8011	36.67	71.97	65.04	98130.	4555.
Stddev	.0633	.05	.21	2.21	384.	14.
%RSD	7.897	.1472	.2869	3.395	.3913	.3167

#1	-.7360	36.61	72.16	63.77	97720.	4548.
#2	-.8624	36.69	71.75	67.59	98480.	4544.
#3	-.8047	36.72	72.00	63.77	98180.	4571.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-7-b@4 Acquired: 7/3/2011 15:52:56 Type: Unk

Method: SW846062811(v4) 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	6334.	426.9	242.9	69.67	28.63	.5276
Stddev	2.	.9	10.9	.35	1.62	1.469
%RSD	.0324	.2092	4.495	.5067	5.671	278.4

#1	6332.	425.9	242.4	69.94	29.21	2.199
#2	6336.	427.6	254.1	69.78	29.88	-.5596
#3	6335.	427.2	232.3	69.27	26.79	-.0565

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	-.0630	-3.233	209.4	99.46	1.510	1.283
Stddev	1.806	1.164	1.3	.10	.261	.182
%RSD	2866.	36.00	.6344	.1029	17.31	14.17

#1	1.500	-4.577	208.0	99.49	1.218	1.387
#2	-2.039	-2.560	210.6	99.35	1.722	1.389
#3	.3502	-2.562	209.5	99.55	1.591	1.073

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-7-b@4 Acquired: 7/3/2011 15:52:56 Type: Unk
 Method: SW846062811(v4) 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	4.691	32.78	1445.
Stddev	.376	.11	2.
%RSD	8.021	.3438	.1663

#1	4.542	32.66	1448.
#2	4.412	32.88	1446.
#3	5.119	32.79	1443.

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	4393.8	53772.	10470.
Stddev	7.4	119.	14.
%RSD	.16782	.22151	.13530

#1	4390.7	53885.	10477.
#2	4402.2	53782.	10453.
#3	4388.4	53648.	10479.

Sample Name: 460-28150-b-8-b@4 Acquired: 7/3/2011 15:56:38 Type: Unk

Method: SW846062811(v4) 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	29710.	16.31	-1.558	184.3	1.888	3282.
Stddev	75.	.65	.368	.3	.059	9.
%RSD	.2527	3.984	23.60	.1764	3.119	.2620

#1	29800.	15.89	-1.149	184.3	1.943	3291.
#2	29650.	15.98	-1.663	184.7	1.826	3274.
#3	29690.	17.05	-1.861	184.0	1.895	3281.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3021	21.16	104.9	46.52	48180.	2858.
Stddev	.0982	.29	.3	1.14	104.	35.
%RSD	32.50	1.365	.2638	2.444	.2153	1.234

#1	-.1982	21.30	105.2	47.23	48150.	2877.
#2	-.3148	21.34	104.9	47.11	48290.	2880.
#3	-.3933	20.82	104.6	45.21	48090.	2817.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-8-b@4 Acquired: 7/3/2011 15:56:38 Type: Unk

Method: SW846062811(v4) 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	8664.	303.7	277.2	50.53	26.45	-1.095
Stddev	20.	1.0	8.4	.24	1.94	.942
%RSD	.2288	.3306	3.029	.4661	7.338	86.01

#1	8657.	304.0	286.9	50.74	24.28	-1.108
#2	8687.	304.5	272.4	50.58	28.03	-.1464
#3	8650.	302.6	272.3	50.27	27.04	-2.029

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	-4.532	142.4	134.9	4.518	1.563
Stddev	1.421	.499	.5	.4	.267	.218
%RSD	83.82	11.00	.3297	.2871	5.914	13.97

#1	.7154	-3.968	142.4	134.7	4.321	1.615
#2	1.046	-4.710	142.9	135.3	4.823	1.751
#3	3.325	-4.916	141.9	134.6	4.411	1.323

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-8-b@4 Acquired: 7/3/2011 15:56:38 Type: Unk
 Method: SW846062811(v4) 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	2.403	25.64	1503.
Stddev	.955	.03	2.
%RSD	39.73	.1257	.1095

#1	2.681	25.60	1504.
#2	3.188	25.66	1501.
#3	1.340	25.65	1504.

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	4344.4	53199.	10284.
Stddev	2.2	88.	20.
%RSD	.05082	.16612	.19398

#1	4344.1	53283.	10290.
#2	4342.4	53206.	10299.
#3	4346.8	53107.	10261.

Sample Name: 460-28150-b-9-b@4 Acquired: 7/3/2011 16:00:20 Type: Unk

Method: SW846062811(v4) 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	5467.	19.53	-5875	53.73	1.537	1307.
Stddev	17.	1.91	.1223	.08	.052	12.
%RSD	.3155	9.788	20.82	.1406	3.391	.8970

#1	5479.	20.46	-5713	53.65	1.477	1313.
#2	5447.	20.80	-7171	53.80	1.569	1314.
#3	5474.	17.33	-4741	53.73	1.566	1293.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9584	27.97	170.9	65.37	140800.	124.8
Stddev	.1387	.10	.4	1.97	535.	15.2
%RSD	14.47	.3601	.2305	3.017	.3798	12.17

#1	-1.039	28.08	171.2	66.56	141000.	142.3
#2	-.7982	27.95	170.5	63.10	140200.	114.8
#3	-1.038	27.88	170.9	66.46	141200.	117.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-9-b@4 Acquired: 7/3/2011 16:00:20 Type: Unk

Method: SW846062811(v4) 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	1028.	562.8	-41.81	6.322	18.87	-2.108
Stddev	4.	1.2	4.82	.205	.45	.665
%RSD	.3993	.2062	11.53	3.240	2.386	31.57

#1	1030.	563.5	-46.75	6.088	18.40	-1.340
#2	1023.	561.4	-41.58	6.470	18.92	-2.488
#3	1031.	563.4	-37.12	6.407	19.29	-2.497

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	1.089	-1.751	402.6	18.76	.6734	3.575
Stddev	.706	.183	1.5	.20	.1179	.123
%RSD	64.84	10.47	.3821	1.090	17.51	3.439

#1	1.894	-1.939	403.9	18.94	.8075	3.454
#2	.5764	-1.573	400.9	18.54	.6268	3.700
#3	.7958	-1.740	402.8	18.80	.5859	3.571

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-9-b@4 Acquired: 7/3/2011 16:00:20 Type: Unk
Method: SW846062811(v4) 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	5.161	22.12	560.5
Stddev	.357	.11	3.0
%RSD	6.909	.5045	.5278

#1	4.889	21.99	558.7
#2	5.029	22.16	563.9
#3	5.565	22.20	558.8

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	4252.6	52271.	10102.
Stddev	7.0	299.	14.
%RSD	.16492	.57155	.13398

#1	4245.6	52085.	10093.
#2	4252.8	52616.	10118.
#3	4259.6	52113.	10096.

Sample Name: 460-28150-b-10-b@4 Acquired: 7/3/2011 16:04:03 Type: Unk

Method: SW846062811(v4) 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	32520.	15.01	-1.422	203.6	1.779	5745.
Stddev	111.	2.13	.262	.3	.026	2.
%RSD	.3427	14.17	18.39	.1663	1.479	.0324

#1	32460.	17.33	-1.387	203.9	1.799	5746.
#2	32460.	13.15	-1.180	203.3	1.788	5746.
#3	32650.	14.56	-1.699	203.5	1.749	5743.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3381	26.15	106.0	50.93	67690.	4333.
Stddev	.0646	.19	.3	2.15	76.	11.
%RSD	19.10	.7218	.2911	4.216	.1120	.2644

#1	-.3403	26.08	106.2	51.08	67780.	4341.
#2	-.4016	26.36	105.7	48.72	67640.	4320.
#3	-.2725	26.01	106.3	53.00	67650.	4339.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-10-b@4 Acquired: 7/3/2011 16:04:03 Type: Unk

Method: SW846062811(v4) 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	11440.	500.0	229.4	57.01	27.79	-2.630
Stddev	25.	1.1	5.2	.13	.46	1.167
%RSD	.2180	.2235	2.263	.2337	1.647	44.37

#1	11430.	499.8	228.0	57.07	28.25	-3.688
#2	11420.	498.9	225.0	57.10	27.33	-1.378
#3	11470.	501.1	235.1	56.86	27.78	-2.823

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	-1.317	-6.603	144.5	148.0	6.177	1.768
Stddev	.398	.772	.5	.3	.026	.198
%RSD	30.22	11.69	.3469	.2084	.4218	11.19

#1	-1.314	-5.732	144.9	148.3	6.197	1.748
#2	-.9208	-6.877	144.0	147.9	6.148	1.976
#3	-1.717	-7.201	144.7	147.7	6.187	1.581

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-10-b@4 Acquired: 7/3/2011 16:04:03 Type: Unk
Method: SW846062811(v4) 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	2.858	40.24	1998.
Stddev	1.006	.20	4.
%RSD	35.20	.4860	.1873

#1	4.010	40.24	1999.
#2	2.153	40.05	1994.
#3	2.411	40.44	2002.

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	4360.5	53752.	10411.
Stddev	5.0	179.	18.
%RSD	.11487	.33226	.17155

#1	4362.8	53563.	10429.
#2	4364.0	53918.	10411.
#3	4354.8	53775.	10394.

Sample Name: 460-28150-b-16-a@4 Acquired: 7/3/2011 16:07:45 Type: Unk

Method: SW846062811(v4) 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	2802.	1.212	-5833	12.38	2401	861.2
Stddev	3.	.467	.1890	.03	.0854	6.1
%RSD	.1097	38.54	32.41	.2373	35.58	.7054

#1	2804.	1.180	-5674	12.39	.3123	856.1
#2	2798.	1.694	-7798	12.40	.1458	867.9
#3	2803.	.7615	-4027	12.34	.2622	859.5

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	-0164	1.227	147.6	25.33	28670.	113.1
Stddev	.0555	.179	.7	2.99	14.	23.8
%RSD	339.2	14.59	.4495	11.82	.0476	21.08

#1	.0454	1.164	147.5	22.03	28680.	127.0
#2	-.0326	1.087	147.1	27.87	28670.	85.58
#3	-.0619	1.429	148.4	26.08	28650.	126.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-16-a@4 Acquired: 7/3/2011 16:07:45 Type: Unk

Method: SW846062811(v4) 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	108.3	39.22	2.762	2.518	22.02	.8358
Stddev	3.5	.08	10.48	.475	.58	1.529
%RSD	3.249	.2010	379.4	18.86	2.646	183.0

#1	110.5	39.25	7.542	2.965	22.45	-.5340
#2	110.3	39.13	9.996	2.019	22.26	.5557
#3	104.3	39.28	-9.253	2.570	21.36	2.486

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	.8195	-1.992	283.8	29.66	.6379	.2608
Stddev	.6925	1.361	.4	.08	.1495	.1755
%RSD	84.51	68.32	.1559	.2696	23.44	67.27

#1	.0204	-.4297	284.2	29.64	.8083	.4545
#2	1.245	-2.626	283.7	29.60	.5770	.2156
#3	1.193	-2.920	283.4	29.75	.5285	.1124

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-16-a@4 Acquired: 7/3/2011 16:07:45 Type: Unk
Method: SW846062811(v4) 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	2.931	9.371	550.8
Stddev	.083	.029	1.4
%RSD	2.839	.3110	.2560

#1	2.925	9.403	549.4
#2	3.017	9.346	550.7
#3	2.851	9.363	552.2

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	4252.5	52952.	10058.
Stddev	15.7	59.	11.
%RSD	.36928	.11103	.10574

#1	4269.3	53018.	10048.
#2	4250.2	52904.	10069.
#3	4238.1	52935.	10056.

Sample Name: 460-28150-b-17-a@4 Acquired: 7/3/2011 16:11:31 Type: Unk

Method: SW846062811(v4) 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	1525.	1.105	-.7326	9.259	.0746	353.8
Stddev	7.	1.357	.1132	.128	.0723	4.1
%RSD	.4837	122.8	15.45	1.383	96.96	1.155

#1	1516.	-.3990	-.6024	9.149	.0852	355.2
#2	1530.	2.237	-.7877	9.400	-.0025	357.0
#3	1528.	1.477	-.8077	9.228	.1410	349.2

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	-.0640	.5180	47.05	5.743	9936.	39.84
Stddev	.1240	.1795	.83	3.315	24.	9.63
%RSD	193.8	34.66	1.760	57.73	.2424	24.16

#1	-.0878	.7149	48.00	2.043	9911.	50.94
#2	.0702	.3634	46.59	8.445	9937.	34.87
#3	-.1744	.4758	46.55	6.742	9959.	33.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-17-a@4 Acquired: 7/3/2011 16:11:31 Type: Unk

Method: SW846062811(v4) 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	222.6	109.8	65.33	.9296	6.691	1.037
Stddev	2.9	.2	6.74	.4048	.995	.499
%RSD	1.308	.1943	10.32	43.55	14.87	48.09

#1	224.0	110.0	72.81	.4725	5.612	.7722
#2	219.2	109.9	63.48	1.243	6.888	1.612
#3	224.5	109.6	59.72	1.074	7.573	.7264

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	.3356	-3.060	108.0	2.840	-.2985	.3384
Stddev	.9369	1.124	.5	.117	.4476	.2173
%RSD	279.2	36.74	.4647	4.114	149.9	64.23

#1	1.224	-4.335	107.7	2.900	-.0853	.3211
#2	.4264	-2.212	108.6	2.705	-.8128	.5639
#3	-.6435	-2.633	107.8	2.914	.0025	.1302

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-17-a@4 Acquired: 7/3/2011 16:11:31 Type: Unk
Method: SW846062811(v4) 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	2.165	4.767	399.2
Stddev	.959	.176	.8
%RSD	44.29	3.695	.1896

#1	2.928	4.953	398.4
#2	2.479	4.745	399.3
#3	1.089	4.603	399.9

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	4267.2	53130.	10081.
Stddev	8.4	123.	31.
%RSD	.19710	.23166	.30961

#1	4260.1	53019.	10075.
#2	4265.0	53263.	10054.
#3	4276.5	53108.	10115.

Sample Name: 460-28150-b-18-a@4 Acquired: 7/3/2011 16:15:17 Type: Unk

Method: SW846062811(v4) 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	9941.	37.38	-3681	60.90	.8642	2700.
Stddev	3.	.99	1.286	.07	.0200	13.
%RSD	.0297	2.653	349.4	.1118	2.309	.4928

#1	9944.	38.52	1.113	60.98	.8582	2685.
#2	9940.	36.75	-1.205	60.89	.8864	2704.
#3	9938.	36.86	-1.012	60.84	.8479	2711.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5664	3.094	281.7	19.88	101400.	483.3
Stddev	.0571	.058	.8	2.23	208.	16.9
%RSD	10.07	1.883	.2834	11.20	.2053	3.506

#1	-.6179	3.086	280.9	20.15	101500.	495.3
#2	-.5051	3.155	282.5	17.53	101600.	490.6
#3	-.5763	3.040	281.5	21.96	101200.	463.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-18-a@4 Acquired: 7/3/2011 16:15:17 Type: Unk

Method: SW846062811(v4) 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	2163.	141.9	240.0	7.789	22.70	-3.471
Stddev	7.	.5	7.6	.069	1.06	1.086
%RSD	.3088	.3703	3.184	.8826	4.657	31.28

#1	2156.	141.5	244.0	7.794	23.60	-3.263
#2	2169.	142.5	244.9	7.718	21.54	-4.645
#3	2166.	141.8	231.2	7.855	22.96	-2.503

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	5.602	-4.355	381.1	21.99	2.734	2.756
Stddev	.257	.730	.7	.14	.417	.119
%RSD	4.587	16.77	.1932	.6224	15.25	4.304

#1	5.324	-3.590	380.3	22.12	2.635	2.816
#2	5.831	-4.430	381.7	21.85	2.376	2.619
#3	5.651	-5.045	381.3	21.99	3.192	2.832

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-18-a@4 Acquired: 7/3/2011 16:15:17 Type: Unk
 Method: SW846062811(v4) 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	7.014	38.80	1036.
Stddev	.918	.20	4.
%RSD	13.09	.5208	.3897

#1	6.053	38.59	1031.
#2	7.108	39.00	1039.
#3	7.882	38.79	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	4277.2	52610.	10135.
Stddev	5.5	131.	9.
%RSD	.12768	.24911	.09021

#1	4271.0	52581.	10140.
#2	4281.0	52495.	10125.
#3	4279.7	52753.	10141.

Sample Name: CCV Acquired: 7/3/2011 16:19:05 Type: QC
Method: SW846062811(v4) 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	120100.	2431.	1187.	9792.	962.8	124800.
Stddev	327.	6.	1.	15.	3.7	554.
%RSD	.2724	.2349	.0984	.1501	.3858	.4437

#1	119900.	2428.	1188.	9779.	961.2	124400.
#2	120400.	2437.	1186.	9808.	967.0	125400.
#3	119900.	2427.	1186.	9788.	960.1	124600.

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	1221.	2434.	4852.	12080.	99500.	48450.
Stddev	3.	5.	3.	33.	275.	208.
%RSD	.2085	.1996	.0664	.2761	.2762	.4284

#1	1219.	2430.	4856.	12050.	99800.	48330.
#2	1224.	2439.	4853.	12120.	99430.	48690.
#3	1220.	2432.	4849.	12070.	99270.	48320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 16:19:05 Type: QC
Method: SW846062811(v4) 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	122400.	4945.	121900.	2452.	7319.	986.4
Stddev	19.	44.	514.	6.	18.	1.5
%RSD	.0156	.8844	.4211	.2321	.2456	.1495

#1	122400.	4986.	121800.	2450.	7310.	987.0
#2	122400.	4899.	122500.	2458.	7340.	987.5
#3	122300.	4949.	121500.	2447.	7308.	984.7

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	2399.	2479.	2450.	2425.	972.7	2461.
Stddev	11.	10.	5.	3.	2.6	6.
%RSD	.4542	.3982	.1910	.1136	.2638	.2330

#1	2393.	2473.	2456.	2424.	970.3	2457.
#2	2412.	2490.	2447.	2428.	975.4	2468.
#3	2393.	2473.	2448.	2423.	972.3	2458.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 16:19:05 Type: QC
 Method: SW846062811(v4) 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	979.1	4936.	9643.
Stddev	3.2	71.	27.
%RSD	.3297	1.437	.2845

#1	979.9	4877.	9625.
#2	981.9	5015.	9675.
#3	975.6	4917.	9631.

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	3884.6	47597.	9711.2
Stddev	16.2	82.	54.0
%RSD	.41817	.17182	.55608

#1	3903.3	47509.	9747.3
#2	3876.9	47671.	9649.1
#3	3873.7	47611.	9737.1

Sample Name: CCB Acquired: 7/3/2011 16:22:54 Type: QC
Method: SW846062811(v4) 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	-.9562	.4887	-.7955	.2318	.0572	7.637
Stddev	18.00	.4721	.5078	.0422	.0439	1.830
%RSD	1883.	96.60	63.84	18.21	76.73	23.96

#1	-12.02	1.004	-1.278	.2794	.0186	5.524
#2	-10.67	.0770	-.8434	.2170	.0480	8.750
#3	19.82	.3852	-.2654	.1990	.1049	8.636

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0599	.0214	.0848	3.254	2.421	16.53
Stddev	.0647	.2230	.0460	2.314	3.829	4.95
%RSD	108.1	1042.	54.28	71.12	158.2	29.96

#1	.1096	-.0526	.0320	1.409	-1.875	13.50
#2	.0832	.2720	.1163	5.850	5.475	13.85
#3	-.0133	-.1552	.1060	2.502	3.664	22.25

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 16:22:54 Type: QC
Method: SW846062811(v4) 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	2.528	.1476	22.03	.0376	.4883	.1512
Stddev	2.841	.0253	14.18	.2818	.1105	1.011
%RSD	112.4	17.12	64.39	750.3	22.62	668.3

#1	5.349	.1614	29.40	-.2763	.4712	1.318
#2	-.3323	.1631	31.01	.1201	.6064	-.4696
#3	2.567	.1185	5.676	.2690	.3874	-.3943

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	1.944	-.2743	-.1088	.1619	1.500	.2298
Stddev	.540	1.390	.4649	.0978	.466	.0752
%RSD	27.78	506.7	427.5	60.40	31.07	32.73

#1	2.229	-1.661	.3125	.2747	1.876	.2240
#2	1.321	-.2806	-.0311	.1003	1.646	.1577
#3	2.281	1.119	-.6076	.1108	.9788	.3077

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 16:22:54 Type: QC
Method: SW846062811(v4) 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	-.1996	.1820	2.394
Stddev	.3326	.0487	.810
%RSD	166.6	26.79	33.82

#1	-.0150	.1310	1.806
#2	-.5836	.2282	3.317
#3	-.0003	.1867	2.059

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	4202.1	52045.	9871.6
Stddev	6.7	107.	22.4
%RSD	.16061	.20634	.22711

#1	4200.7	52132.	9846.5
#2	4196.2	52078.	9889.5
#3	4209.5	51925.	9878.8

Sample Name: 460-28150-b-19-a@4 Acquired: 7/3/2011 16:26:48 Type: Unk

Method: SW846062811(v4) 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	2449.	1.857	-.6562	12.01	.1284	1374.
Stddev	17.	1.402	.1244	.06	.0442	13.
%RSD	.7058	75.46	18.96	.4691	34.47	.9150

#1	2441.	2.466	-.5795	12.00	.0878	1378.
#2	2438.	.2542	-.7998	11.96	.1217	1360.
#3	2469.	2.851	-.5894	12.07	.1756	1384.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1182	.5851	57.79	17.13	13080.	123.4
Stddev	.0687	.1594	.32	.87	67.	50.5
%RSD	58.12	27.24	.5617	5.087	.5100	40.93

#1	-.1808	.4032	57.64	16.35	13030.	66.47
#2	-.1291	.7003	58.16	18.07	13040.	162.8
#3	-.0447	.6517	57.57	16.97	13150.	141.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-19-a@4 Acquired: 7/3/2011 16:26:48 Type: Unk

Method: SW846062811(v4) 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	220.3	15.76	11.43	2.759	7.600	1.225
Stddev	1.7	.13	7.67	.264	1.281	1.364
%RSD	.7637	.8522	67.18	9.558	16.85	111.3

#1	218.4	15.63	9.613	2.595	6.216	1.422
#2	220.9	15.75	4.819	2.619	8.743	2.480
#3	221.6	15.90	19.84	3.063	7.843	-.2264

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	.6530	-2.529	208.2	6.404	.9404	.2132
Stddev	.8502	.415	1.0	.169	.4713	.1026
%RSD	130.2	16.40	.4624	2.639	50.12	48.15

#1	.9029	-2.224	207.7	6.430	.6579	.2350
#2	-.2942	-2.362	207.5	6.558	1.484	.1014
#3	1.350	-3.001	209.3	6.223	.6788	.3032

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-19-a@4 Acquired: 7/3/2011 16:26:48 Type: Unk
Method: SW846062811(v4) 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	3.314	9.837	568.4
Stddev	.486	.113	1.8
%RSD	14.66	1.146	.3254

#1	3.062	9.795	567.2
#2	3.006	9.965	567.4
#3	3.874	9.752	570.5

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	4274.6	53087.	10073.
Stddev	4.3	216.	37.
%RSD	.10170	.40725	.36895

#1	4270.0	53067.	10061.
#2	4275.2	53313.	10115.
#3	4278.7	52882.	10044.

Sample Name: 460-28150-b-20-a@4 Acquired: 7/3/2011 16:30:34 Type: Unk

Method: SW846062811(v4) 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	17760.	16.80	-.6590	172.7	2.131	7010.
Stddev	47.	1.01	.5143	.6	.056	30.
%RSD	.2652	5.990	78.04	.3368	2.608	.4309

#1	17820.	17.67	-.3232	173.1	2.074	7030.
#2	17730.	17.05	-.4028	172.9	2.185	7024.
#3	17750.	15.70	-1.251	172.0	2.134	6975.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3613	16.70	84.07	39.94	78750.	2115.
Stddev	.0963	.08	.61	2.31	188.	16.
%RSD	26.66	.4617	.7274	5.771	.2391	.7345

#1	-.3606	16.63	84.40	37.27	78930.	2102.
#2	-.2654	16.78	83.37	41.23	78790.	2112.
#3	-.4581	16.70	84.45	41.30	78550.	2132.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-20-a@4 Acquired: 7/3/2011 16:30:34 Type: Unk

Method: SW846062811(v4) 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	4409.	625.2	108.8	35.53	28.01	-1.186
Stddev	7.	1.2	13.1	.35	.39	.392
%RSD	.1588	.1842	12.02	.9834	1.397	33.07

#1	4408.	626.4	121.8	35.14	27.60	-1.429
#2	4402.	624.8	95.61	35.63	28.38	-1.394
#3	4416.	624.2	109.0	35.82	28.06	-.7333

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	.7891	-2.985	68.89	104.1	1.986	1.412
Stddev	1.889	.934	.42	.3	.189	.227
%RSD	239.4	31.28	.6102	.2824	9.503	16.09

#1	-.2319	-2.193	69.22	104.4	1.792	1.221
#2	-.3699	-2.749	68.42	103.9	2.169	1.663
#3	2.969	-4.015	69.03	103.9	1.996	1.352

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28150-b-20-a@4 Acquired: 7/3/2011 16:30:34 Type: Unk
 Method: SW846062811(v4) 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	2.450	35.86	780.3
Stddev	.524	.15	2.9
%RSD	21.38	.4130	.3666

#1	2.319	36.03	783.6
#2	2.005	35.80	778.5
#3	3.027	35.75	778.8

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	4285.2	52531.	10145.
Stddev	8.5	34.	28.
%RSD	.19913	.06530	.27158

#1	4285.5	52494.	10114.
#2	4276.6	52562.	10158.
#3	4293.6	52535.	10164.

Sample Name: 460-28314-a-1-a@4 Acquired: 7/3/2011 16:34:17 Type: Unk

Method: SW846062811(v4) 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	64230.	40.47	-.1589	243.2	2.126	1382.
Stddev	220.	.68	.3098	1.0	.091	5.
%RSD	.3419	1.691	195.0	.3969	4.283	.3590

#1	64090.	39.69	-.4390	242.7	2.057	1388.
#2	64110.	40.71	-.2115	242.5	2.092	1381.
#3	64480.	41.00	.1738	244.3	2.229	1378.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8753	46.94	73.52	41.55	127300.	2231.
Stddev	.0694	.23	.60	1.18	718.	7.
%RSD	7.933	.4998	.8214	2.845	.5642	.3041

#1	-.7953	47.18	73.21	40.44	126600.	2239.
#2	-.9203	46.94	74.21	41.44	128000.	2226.
#3	-.9103	46.71	73.13	42.79	127400.	2229.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28314-a-1-a@4 Acquired: 7/3/2011 16:34:17 Type: Unk

Method: SW846062811(v4) 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	16190.	1832.	161.5	91.98	549.2	8.088
Stddev	67.	8.	7.3	.12	2.4	.712
%RSD	.4166	.4496	4.537	.1326	.4354	8.800

#1	16120.	1823.	169.2	91.86	551.0	7.639
#2	16250.	1839.	160.6	91.97	550.0	7.717
#3	16190.	1834.	154.6	92.11	546.5	8.909

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	2.148	-1.636	91.69	239.4	1.763	-.1210
Stddev	2.079	1.250	.28	.6	.428	.1574
%RSD	96.78	76.41	.3072	.2585	24.29	130.1

#1	.1289	-1.342	91.42	240.0	1.413	-.1491
#2	2.033	-3.007	91.98	239.4	1.635	.0485
#3	4.282	-.5590	91.68	238.8	2.240	-.2624

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28314-a-1-a@4 Acquired: 7/3/2011 16:34:17 Type: Unk
 Method: SW846062811(v4) 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	2.013	10.92	104.4
Stddev	.231	.10	.7
%RSD	11.48	.9061	.6312

#1	2.279	10.92	103.8
#2	1.860	11.02	104.2
#3	1.899	10.83	105.1

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	4241.7	51893.	10136.
Stddev	4.8	147.	23.
%RSD	.11397	.28287	.22373

#1	4236.1	52063.	10128.
#2	4244.6	51807.	10161.
#3	4244.5	51810.	10118.

Sample Name: 460-28175-a-56-b du@ Acquired: 7/3/2011 16:37:58 Type: Unk

Method: SW846062811(v4) 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	10700.	17.01	-.7277	136.9	2.143	4197.
Stddev	9.	1.43	.8384	.1	.007	21.
%RSD	.0821	8.423	115.2	.0518	.3356	.5088

#1	10700.	15.95	.2343	137.0	2.146	4201.
#2	10710.	16.44	-1.115	137.0	2.134	4217.
#3	10700.	18.64	-1.303	136.9	2.147	4175.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.717	8.841	27.10	38.41	12950.	789.0
Stddev	.042	.176	.11	1.39	26.	13.2
%RSD	1.552	1.994	.3976	3.625	.2031	1.674

#1	2.682	9.044	27.06	39.76	12980.	774.9
#2	2.705	8.743	27.22	36.98	12940.	790.9
#3	2.764	8.735	27.01	38.50	12940.	801.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-56-b du@ Acquired: 7/3/2011 16:37:58 Type: Unk

Method: SW846062811(v4) 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.	423.0	133.1	24.40	706.6	9.944
Stddev	3.	.2	5.7	.10	1.4	.359
%RSD	.1992	.0360	4.257	.4120	.1942	3.615

#1	1332.	422.9	139.3	24.52	705.0	9.557
#2	1328.	423.0	128.2	24.34	707.3	10.27
#3	1333.	423.2	131.8	24.35	707.5	10.01

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	4.148	-1.494	41.97	91.82	3.765	1.740
Stddev	2.928	1.403	.26	.31	.525	.148
%RSD	70.59	93.93	.6182	.3382	13.95	8.524

#1	5.746	-1.691	42.23	91.46	3.279	1.902
#2	5.929	-.0024	41.95	92.04	4.322	1.706
#3	.7686	-2.788	41.71	91.95	3.694	1.611

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-56-b du@ Acquired: 7/3/2011 16:37:58 Type: Unk
 Method: SW846062811(v4) 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	8.949	20.62	127.6
Stddev	.359	.09	.8
%RSD	4.010	.4332	.6166

#1	9.360	20.61	127.8
#2	8.699	20.72	126.7
#3	8.788	20.54	128.2

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	4437.6	54995.	10578.
Stddev	8.4	176.	9.
%RSD	.18880	.31991	.08804

#1	4434.4	54792.	10570.
#2	4431.3	55105.	10575.
#3	4447.1	55087.	10588.

Sample Name: 460-28175-a-56-a@10 Acquired: 7/3/2011 16:41:40 Type: Unk

Method: SW846062811(v4) 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	11400.	18.51	-.1721	144.3	2.343	4606.
Stddev	35.	1.69	.1523	.2	.068	14.
%RSD	.3055	9.114	88.50	.1296	2.888	.2986

#1	11360.	20.33	-.3477	144.2	2.370	4590.
#2	11430.	17.00	-.0762	144.2	2.392	4616.
#3	11400.	18.21	-.0924	144.5	2.266	4611.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.568	9.702	28.35	41.77	13650.	873.3
Stddev	.095	.072	.12	1.38	34.	51.0
%RSD	3.695	.7462	.4146	3.313	.2510	5.841

#1	2.654	9.743	28.36	42.98	13610.	926.5
#2	2.466	9.745	28.47	42.07	13680.	824.8
#3	2.583	9.619	28.23	40.26	13660.	868.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-56-a@10 Acquired: 7/3/2011 16:41:40 Type: Unk

Method: SW846062811(v4) 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	1412.	462.6	138.3	26.04	747.1	9.214
Stddev	6.	1.3	1.9	.29	.8	.354
%RSD	.4185	.2814	1.370	1.118	.1059	3.843

#1	1410.	461.9	137.2	26.15	746.2	9.204
#2	1418.	464.1	137.3	26.27	747.4	8.865
#3	1407.	461.8	140.5	25.71	747.7	9.574

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	3.142	-1.139	44.39	105.5	3.642	1.943
Stddev	1.459	.389	.14	.1	.501	.054
%RSD	46.43	34.20	.3230	.1098	13.75	2.761

#1	3.695	-.7242	44.53	105.4	3.292	1.888
#2	1.487	-1.497	44.24	105.6	4.216	1.946
#3	4.243	-1.194	44.38	105.5	3.418	1.996

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-56-a@10 Acquired: 7/3/2011 16:41:40 Type: Unk
 Method: SW846062811(v4) 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	9.935	22.37	129.3
Stddev	.299	.05	1.5
%RSD	3.008	.2019	1.189

#1	10.26	22.35	130.1
#2	9.669	22.42	127.5
#3	9.878	22.34	130.2

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	4447.4	54796.	10582.
Stddev	8.6	56.	49.
%RSD	.19310	.10272	.46138

#1	4453.3	54838.	10631.
#2	4451.4	54817.	10581.
#3	4437.6	54732.	10534.

Sample Name: sd 460-28175-a-56-a@ Acquired: 7/3/2011 16:45:23 Type: Unk

Method: SW846062811(v4) 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	2292.	4.719	-.6349	29.06	.4329	924.7
Stddev	12.	.484	.3709	.09	.0759	7.9
%RSD	.5099	10.27	58.42	.3081	17.54	.8586

#1	2305.	4.160	-.5641	29.12	.4954	922.7
#2	2285.	5.024	-.3046	28.96	.4548	933.4
#3	2285.	4.972	-1.036	29.11	.3484	917.9

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	.4767	1.713	5.390	10.26	2740.	207.6
Stddev	.0350	.160	.259	.68	18.	4.5
%RSD	7.332	9.323	4.804	6.649	.6465	2.186

#1	.4566	1.554	5.649	10.88	2746.	211.3
#2	.4564	1.873	5.390	9.530	2720.	209.0
#3	.5171	1.710	5.131	10.37	2754.	202.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28175-a-56-a@ Acquired: 7/3/2011 16:45:23 Type: Unk

Method: SW846062811(v4) 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	284.6	93.30	13.23	5.259	151.5	1.786
Stddev	1.7	.30	13.34	.326	1.3	.740
%RSD	.6052	.3205	100.8	6.192	.8742	41.43

#1	282.7	93.51	27.70	5.298	150.1	1.671
#2	285.1	92.96	1.428	4.915	151.6	2.577
#3	286.1	93.42	10.56	5.563	152.8	1.111

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	-5833	-1.876	8.752	22.05	.2734	.2680
Stddev	1.565	1.066	.219	.14	.5003	.2809
%RSD	268.2	56.81	2.497	.6406	183.0	104.8

#1	.1229	-2.579	8.546	22.20	-.0073	.1032
#2	.5037	-2.399	8.981	22.02	.8510	.1085
#3	-2.377	-.6498	8.727	21.92	-.0235	.5924

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28175-a-56-a@ Acquired: 7/3/2011 16:45:23 Type: Unk
Method: SW846062811(v4) 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	2.212	4.521	27.23
Stddev	.509	.052	1.52
%RSD	23.02	1.144	5.573

#1	1.648	4.541	28.34
#2	2.637	4.560	25.50
#3	2.352	4.462	27.85

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	4310.4	53327.	10129.
Stddev	2.1	198.	8.
%RSD	.04918	.37126	.08215

#1	4311.0	53291.	10127.
#2	4312.2	53540.	10122.
#3	4308.1	53149.	10138.

Sample Name: 460-28175-a-56-c ms@ Acquired: 7/3/2011 16:49:09 Type: Unk
Method: SW846062811(v4) 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	11840.	321.3	6.907	464.1	10.03	7185.
Stddev	65.	.7	.591	1.2	.08	3.
%RSD	.5471	.2075	8.559	.2680	.7605	.0402

#1	11780.	320.9	6.429	464.4	9.950	7184.
#2	11850.	320.9	7.568	465.2	10.10	7184.
#3	11910.	322.0	6.723	462.7	10.02	7189.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.30	93.79	58.23	75.89	11850.	3949.
Stddev	.05	.51	.29	2.07	35.	9.
%RSD	.4555	.5456	.4952	2.726	.2974	.2229

#1	10.26	94.32	57.90	78.22	11890.	3955.
#2	10.29	93.73	58.35	74.29	11830.	3953.
#3	10.35	93.30	58.44	75.14	11820.	3939.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-56-c ms@ Acquired: 7/3/2011 16:49:09 Type: Unk
Method: SW846062811(v4) 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	4541.	463.2	3432.	108.7	699.0	70.86
Stddev	5.	.1	16.	.2	.4	1.76
%RSD	.1050	.0319	.4570	.1697	.0612	2.486

#1	4545.	463.2	3416.	108.5	699.5	71.11
#2	4543.	463.1	3447.	108.8	698.8	72.48
#3	4536.	463.4	3435.	108.8	698.8	68.99

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	308.9	366.2	119.2	168.0	79.74	82.67
Stddev	.6	.9	.1	.2	.07	.22
%RSD	.1998	.2551	.1252	.1014	.0895	.2711

#1	308.4	366.0	119.2	168.1	79.82	82.46
#2	308.8	367.3	119.3	168.0	79.73	82.65
#3	309.6	365.4	119.0	167.8	79.68	82.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-56-c ms@ Acquired: 7/3/2011 16:49:09 Type: Unk
Method: SW846062811(v4) 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	88.54	101.4	186.1
Stddev	.90	.3	1.2
%RSD	1.017	.3410	.6425

#1	89.26	101.1	184.7
#2	87.53	101.8	186.6
#3	88.82	101.3	186.9

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	4389.7	54080.	10450.
Stddev	9.1	316.	54.
%RSD	.20677	.58362	.51827

#1	4392.0	53733.	10396.
#2	4379.7	54159.	10450.
#3	4397.4	54349.	10504.

Sample Name: 460-28175-a-81-a@10 Acquired: 7/3/2011 16:52:50 Type: Unk

Method: SW846062811(v4) 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	15920.	25.21	-8661	125.0	1.964	867.0
Stddev	20.	1.32	.4535	.2	.018	5.8
%RSD	.1244	5.231	52.36	.1711	.9253	.6717

#1	15900.	26.72	-.5161	125.1	1.983	860.5
#2	15940.	24.30	-.7038	125.2	1.947	868.9
#3	15910.	24.60	-1.378	124.8	1.960	871.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7584	3.517	40.54	33.33	22890.	620.9
Stddev	.0654	.173	.37	1.70	111.	38.2
%RSD	8.620	4.906	.9033	5.101	.4828	6.152

#1	.7677	3.339	40.90	34.84	22770.	577.5
#2	.8186	3.529	40.55	31.49	22980.	649.5
#3	.6888	3.684	40.17	33.67	22920.	635.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-81-a@10 Acquired: 7/3/2011 16:52:50 Type: Unk

Method: SW846062811(v4) 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	889.3	36.58	19.94	15.25	138.0	1.028
Stddev	5.5	.10	9.59	.26	1.1	1.254
%RSD	.6143	.2713	48.12	1.692	.7949	122.0

#1	888.6	36.47	28.65	15.43	138.6	1.823
#2	895.1	36.66	9.656	15.35	138.6	1.677
#3	884.3	36.62	21.50	14.95	136.7	-.4178

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	2.794	-1.297	71.16	35.87	2.753	1.729
Stddev	1.611	.322	.33	.12	.304	.113
%RSD	57.65	24.80	.4697	.3295	11.04	6.535

#1	1.706	-1.394	70.81	35.75	3.073	1.859
#2	4.645	-.9384	71.20	35.86	2.468	1.673
#3	2.032	-1.560	71.48	35.99	2.719	1.655

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-81-a@10 Acquired: 7/3/2011 16:52:50 Type: Unk
 Method: SW846062811(v4) 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	3.537	6.911	162.4
Stddev	.441	.057	.7
%RSD	12.46	.8213	.4200

#1	3.997	6.858	162.9
#2	3.494	6.906	162.8
#3	3.119	6.971	161.7

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	4460.0	55024.	10600.
Stddev	5.0	261.	60.
%RSD	.11252	.47489	.56702

#1	4465.6	55246.	10641.
#2	4455.8	54736.	10629.
#3	4458.7	55090.	10531.

Sample Name: 460-28175-a-82-a@10 Acquired: 7/3/2011 16:56:34 Type: Unk

Method: SW846062811(v4) 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	12620.	29.68	-.3222	253.2	8.967	13100.
Stddev	14.	1.46	.1915	.1	.047	41.
%RSD	.1086	4.927	59.41	.0376	.5204	.3116

#1	12610.	30.31	-.3535	253.3	8.992	13140.
#2	12630.	30.71	-.1171	253.3	8.997	13090.
#3	12630.	28.00	-.4962	253.1	8.914	13060.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.43	110.3	33.19	81.22	31790.	1321.
Stddev	.05	.2	.47	1.33	127.	39.
%RSD	.4133	.1524	1.408	1.637	.3993	2.949

#1	12.40	110.3	33.46	81.28	31930.	1350.
#2	12.49	110.1	32.65	82.53	31760.	1277.
#3	12.40	110.4	33.46	79.87	31680.	1337.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-82-a@10 Acquired: 7/3/2011 16:56:34 Type: Unk

Method: SW846062811(v4) 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	2093.	2224.	219.2	112.2	594.3	6.221
Stddev	2.	6.	7.1	.3	.4	.974
%RSD	.1031	.2589	3.237	.2554	.0681	15.65

#1	2093.	2231.	227.0	112.4	594.2	5.421
#2	2095.	2221.	217.3	112.3	594.8	5.937
#3	2090.	2220.	213.2	111.8	594.0	7.305

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	3.082	-2.008	82.36	625.1	7.406	3.009
Stddev	1.406	.838	.42	1.1	.549	.285
%RSD	45.61	41.72	.5117	.1837	7.420	9.475

#1	2.397	-2.115	82.82	625.8	7.937	2.749
#2	2.151	-1.121	81.99	625.8	6.840	3.314
#3	4.699	-2.786	82.26	623.8	7.442	2.963

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-82-a@10 Acquired: 7/3/2011 16:56:34 Type: Unk
Method: SW846062811(v4) 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	9.727	51.54	162.5
Stddev	.206	.13	1.4
%RSD	2.116	.2574	.8436

#1	9.492	51.67	161.7
#2	9.813	51.54	161.7
#3	9.876	51.40	164.0

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	5086.8	63250.	12256.
Stddev	7.1	162.	61.
%RSD	.13920	.25575	.49366

#1	5078.7	63116.	12191.
#2	5089.4	63430.	12268.
#3	5092.2	63205.	12310.

Sample Name: 460-28175-a-43-a@10 Acquired: 7/3/2011 17:00:15 Type: Unk

Method: SW846062811(v4) 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	14380.	41.92	-.2928	292.6	2.288	13150.
Stddev	34.	.99	.7014	.8	.088	26.
%RSD	.2377	2.351	239.6	.2613	3.832	.1944

#1	14340.	42.65	-.9369	292.3	2.189	13170.
#2	14410.	42.31	.4545	293.5	2.318	13150.
#3	14370.	40.80	-.3960	292.0	2.357	13120.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.135	23.39	27.48	56.16	26590.	771.9
Stddev	.035	.11	.57	1.80	45.	26.3
%RSD	.6720	.4863	2.076	3.209	.1704	3.410

#1	5.108	23.49	28.12	54.09	26540.	788.7
#2	5.174	23.41	27.04	56.99	26630.	741.6
#3	5.123	23.26	27.26	57.40	26600.	785.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-43-a@10 Acquired: 7/3/2011 17:00:15 Type: Unk

Method: SW846062811(v4) 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	2913.	2003.	576.2	39.20	657.5	8.480
Stddev	6.	1.	12.0	.28	2.0	1.714
%RSD	.2129	.0698	2.086	.7252	.2972	20.21

#1	2906.	2002.	585.5	39.52	658.3	7.134
#2	2917.	2005.	580.4	38.97	659.0	10.41
#3	2916.	2003.	562.6	39.11	655.3	7.898

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	3.803	-2.896	59.43	190.4	5.941	2.099
Stddev	1.517	1.826	.44	.4	.375	.133
%RSD	39.89	63.04	.7335	.2325	6.315	6.340

#1	2.250	-0.8528	58.93	190.2	6.042	2.117
#2	3.876	-3.469	59.75	190.9	6.256	2.222
#3	5.282	-4.367	59.60	190.1	5.526	1.958

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-43-a@10 Acquired: 7/3/2011 17:00:15 Type: Unk
 Method: SW846062811(v4) 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	137.5	59.83	179.0
Stddev	.5	.18	1.7
%RSD	.3863	.2985	.9595

#1	136.9	59.71	180.2
#2	138.0	60.03	177.0
#3	137.6	59.74	179.7

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	4430.1	54672.	10606.
Stddev	7.9	19.	29.
%RSD	.17851	.03396	.27198

#1	4426.1	54652.	10573.
#2	4425.0	54689.	10617.
#3	4439.2	54675.	10627.

Sample Name: CCV Acquired: 7/3/2011 17:04:00 Type: QC
Method: SW846062811(v4) 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	118000.	2399.	1171.	9657.	944.0	123000.
Stddev	121.	1.	3.	8.	1.6	103.
%RSD	.1028	.0454	.2778	.0796	.1706	.0833

#1	117900.	2400.	1169.	9659.	942.5	122900.
#2	118100.	2398.	1175.	9663.	943.7	123100.
#3	117900.	2399.	1170.	9648.	945.7	123000.

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	1204.	2398.	4777.	11880.	98440.	47710.
Stddev	1.	3.	7.	8.	310.	72.
%RSD	.1035	.1350	.1563	.0695	.3150	.1517

#1	1204.	2401.	4781.	11870.	98670.	47630.
#2	1205.	2399.	4781.	11880.	98560.	47740.
#3	1202.	2394.	4768.	11870.	98080.	47760.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 17:04:00 Type: QC
Method: SW846062811(v4) 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	120500.	4899.	120300.	2416.	7205.	971.8
Stddev	201.	21.	169.	4.	4.	3.4
%RSD	.1669	.4306	.1402	.1581	.0591	.3549

#1	120700.	4876.	120500.	2416.	7209.	971.2
#2	120500.	4918.	120400.	2420.	7206.	975.5
#3	120300.	4901.	120100.	2412.	7200.	968.7

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	2363.	2456.	2423.	2389.	955.6	2429.
Stddev	4.	2.	6.	1.	1.8	3.
%RSD	.1717	.0623	.2362	.0478	.1839	.1051

#1	2363.	2455.	2426.	2389.	953.6	2431.
#2	2367.	2458.	2426.	2390.	956.9	2430.
#3	2359.	2456.	2416.	2388.	956.3	2426.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 17:04:00 Type: QC
Method: SW846062811(v4) 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	967.4	4836.	9498.
Stddev	3.2	40.	4.
%RSD	.3357	.8309	.0392

#1	967.3	4827.	9498.
#2	970.6	4879.	9501.
#3	964.1	4800.	9494.

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	3903.0	47569.	9691.4
Stddev	9.3	93.	15.1
%RSD	.23914	.19539	.15620

#1	3907.8	47484.	9705.7
#2	3908.9	47668.	9675.6
#3	3892.2	47555.	9693.0

Sample Name: CCB Acquired: 7/3/2011 17:07:48 Type: QC
Method: SW846062811(v4) 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	-.1325	.3130	-.4908	.1154	.0164	4.491
Stddev	4.735	.7128	.3850	.1101	.0478	7.472
%RSD	3573.	227.7	78.45	95.41	290.6	166.4

#1	-5.541	.8477	-.9353	.1654	.0438	12.38
#2	3.264	.5876	-.2649	.1918	.0442	3.583
#3	1.879	-.4962	-.2721	-.0108	-.0387	-2.486

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0875	-.0687	.0085	1.273	-5.236	37.46
Stddev	.0255	.5007	.2479	1.500	4.233	13.53
%RSD	29.11	728.9	2907.	117.8	80.85	36.11

#1	.0716	-.0254	-.1053	2.552	-1.580	52.43
#2	.0740	.4090	.2929	-.3774	-4.254	26.12
#3	.1169	-.5897	-.1620	1.644	-9.873	33.82

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 17:07:48 Type: QC
Method: SW846062811(v4) 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	1.588	.1449	23.21	.0316	.9506	.5335
Stddev	2.698	.0587	5.44	.0519	.4508	.7216
%RSD	169.9	40.54	23.46	164.3	47.42	135.3

#1	1.023	.2022	29.10	.0058	1.440	1.215
#2	4.525	.1474	18.36	-.0024	.8582	-.2222
#3	-.7825	.0849	22.17	.0912	.5532	.6072

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	.6862	-1.316	.1360	.1614	1.403	.4697
Stddev	3.882	1.311	.2288	.1814	.481	.1757
%RSD	565.8	99.63	168.3	112.4	34.31	37.41

#1	2.643	-.5659	.3218	.3292	1.911	.5865
#2	3.201	-2.831	-.1196	-.0310	1.342	.5549
#3	-3.785	-.5524	.2057	.1858	.9546	.2676

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 17:07:48 Type: QC
Method: SW846062811(v4) 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	.0095	.2039	2.103
Stddev	.1893	.0537	1.938
%RSD	2002.	26.36	92.16

#1	-.1511	.2550	1.507
#2	.2181	.2089	4.268
#3	-.0387	.1478	.5329

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	4203.6	52304.	9942.4
Stddev	8.4	121.	53.2
%RSD	.19917	.23146	.53540

#1	4212.4	52350.	9898.9
#2	4195.8	52166.	10002.
#3	4202.7	52395.	9926.5

Sample Name: mb 460-78569/1-a@2 Acquired: 7/3/2011 17:11:41 Type: QC

Method: SW846062811(v4) 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	28.17	.3855	.1207	.2094	.0436	75.02
Stddev	5.57	.4466	.4625	.0384	.0849	7.66
%RSD	19.76	115.9	383.2	18.36	194.5	10.21

#1	28.48	.1111	-.0089	.1907	-.0304	83.40
#2	22.45	.1444	.6342	.1839	.1363	68.36
#3	33.57	.9008	-.2632	.2536	.0250	73.31

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0233	-.0153	.4054	1.034	-2.244	14.08
Stddev	.0441	.0714	.3094	3.405	4.727	28.80
%RSD	189.6	467.9	76.32	329.2	210.6	204.6

#1	.0022	-.0077	.4517	-2.710	-7.660	-5.042
#2	.0022	-.0901	.6891	1.870	1.053	.0753
#3	-.0742	.0520	.0755	3.943	-.1267	47.21

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78569/1-a@2 Acquired: 7/3/2011 17:11:41 Type: QC

Method: SW846062811(v4) 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	-4.025	.1156	20.80	.5442	1.452	1.635
Stddev	2.881	.0476	6.70	.1173	.053	.285
%RSD	715.9	41.19	32.21	21.56	3.664	17.43

#1	-3.418	.0690	28.51	.5243	1.420	1.387
#2	2.323	.1642	16.39	.4381	1.422	1.572
#3	-.1124	.1136	17.49	.6702	1.513	1.947

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	2.388	-1.807	-1.910	2.164	5.679	.2976
Stddev	.560	.257	.0685	.093	.420	.2547
%RSD	23.46	14.19	35.87	4.285	7.391	85.61

#1	2.972	-1.702	-.2470	2.089	5.953	.1200
#2	1.855	-2.099	-.1146	2.135	5.888	.1832
#3	2.336	-1.620	-.2115	2.268	5.196	.5895

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78569/1-a@2 Acquired: 7/3/2011 17:11:41 Type: QC
Method: SW846062811(v4) 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	2.369	.5068	1.334
Stddev	.278	.0584	.939
%RSD	11.72	11.53	70.33

#1	2.349	.4394	1.179
#2	2.656	.5385	2.341
#3	2.102	.5425	.4833

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	4192.5	52456.	9939.4
Stddev	12.0	150.	25.3
%RSD	.28649	.28518	.25470

#1	4179.5	52430.	9919.9
#2	4203.2	52321.	9968.0
#3	4194.9	52617.	9930.3

Sample Name: lcssrm 460-78569/2-a Acquired: 7/3/2011 17:15:33 Type: QC

Method: SW846062811(v4) 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	39690.	475.9	132.6	929.4	369.9	48450.
Stddev	72.	1.8	.3	.4	.8	140.
%RSD	.1811	.3763	.2329	.0422	.2155	.2881

#1	39620.	476.5	133.0	928.9	369.0	48290.
#2	39760.	477.3	132.4	929.4	370.6	48530.
#3	39680.	473.9	132.5	929.7	370.2	48530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	297.2	470.6	1171.	834.0	84650.	19180.
Stddev	.5	1.0	2.	3.2	302.	61.
%RSD	.1751	.2078	.1308	.3782	.3569	.3198

#1	297.5	471.4	1170.	832.4	84300.	19120.
#2	297.4	470.9	1173.	837.7	84830.	19230.
#3	296.6	469.5	1171.	832.1	84830.	19200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78569/2-a Acquired: 7/3/2011 17:15:33 Type: QC

Method: SW846062811(v4) 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	17490.	2814.	4749.	705.5	401.7	475.7
Stddev	14.	5.	32.	1.1	1.9	2.1
%RSD	.0785	.1702	.6831	.1573	.4617	.4314

#1	17480.	2808.	4713.	705.1	400.8	475.2
#2	17500.	2817.	4758.	706.8	403.9	478.0
#3	17500.	2816.	4776.	704.7	400.6	473.9

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	1315.	648.3	545.9	2858.	678.2	263.5
Stddev	1.	.9	1.4	3.	.8	.9
%RSD	.1007	.1429	.2617	.1040	.1128	.3253

#1	1316.	649.3	544.3	2860.	678.1	264.2
#2	1315.	647.7	546.9	2860.	679.0	263.9
#3	1313.	647.7	546.5	2855.	677.4	262.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78569/2-a Acquired: 7/3/2011 17:15:33 Type: QC
 Method: SW846062811(v4) 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	508.5	1108.	2044.
Stddev	1.5	3.	5.
%RSD	.2895	.2368	.2495

#1	509.2	1105.	2038.
#2	509.5	1109.	2048.
#3	506.8	1110.	2046.

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	4291.2	52772.	10440.
Stddev	4.1	65.	26.
%RSD	.09544	.12231	.24898

#1	4295.6	52847.	10468.
#2	4287.5	52735.	10416.
#3	4290.5	52735.	10437.

Sample Name: 460-28175-a-44-a@10 Acquired: 7/3/2011 17:19:05 Type: Unk

Method: SW846062811(v4) 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	13650.	25.37	-.4318	197.8	2.458	10870.
Stddev	17.	1.67	.0737	.3	.042	13.
%RSD	.1243	6.590	17.07	.1374	1.703	.1171

#1	13640.	24.78	-.4875	198.2	2.468	10880.
#2	13640.	24.08	-.4597	197.7	2.494	10880.
#3	13670.	27.26	-.3483	197.6	2.412	10860.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.082	17.81	29.03	48.12	16710.	854.7
Stddev	.094	.18	.33	3.23	6.	34.0
%RSD	2.301	1.033	1.137	6.707	.0358	3.978

#1	3.976	17.71	29.26	49.44	16710.	851.8
#2	4.156	17.70	29.17	44.44	16710.	890.0
#3	4.113	18.03	28.65	50.48	16720.	822.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-44-a@10 Acquired: 7/3/2011 17:19:05 Type: Unk

Method: SW846062811(v4) 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	2201.	1957.	324.9	36.07	695.0	8.204
Stddev	4.	1.	9.2	.26	.2	.613
%RSD	.1959	.0759	2.843	.7235	.0335	7.473

#1	2206.	1956.	333.6	36.28	694.7	7.499
#2	2201.	1956.	325.8	35.78	695.1	8.505
#3	2197.	1958.	315.2	36.15	695.2	8.609

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	3.702	-2.567	52.30	148.4	5.690	2.086
Stddev	2.077	.309	.18	.4	.367	.121
%RSD	56.09	12.05	.3361	.2680	6.459	5.804

#1	6.048	-2.730	52.41	148.6	6.025	2.219
#2	2.959	-2.760	52.38	148.5	5.297	1.983
#3	2.099	-2.210	52.10	147.9	5.748	2.057

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-44-a@10 Acquired: 7/3/2011 17:19:05 Type: Unk
 Method: SW846062811(v4) 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	7.376	52.55	152.1
Stddev	.361	.11	1.2
%RSD	4.898	.2139	.7828

#1	6.968	52.64	153.0
#2	7.654	52.57	150.7
#3	7.506	52.42	152.6

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	4482.5	55869.	10756.
Stddev	4.4	81.	55.
%RSD	.09800	.14568	.51142

#1	4482.3	55963.	10702.
#2	4486.9	55820.	10812.
#3	4478.2	55824.	10753.

Sample Name: 460-28175-a-45-a@10 Acquired: 7/3/2011 17:22:47 Type: Unk

Method: SW846062811(v4) 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	11210.	17.21	-.4039	198.8	2.388	13210.
Stddev	45.	1.19	.1950	.2	.062	51.
%RSD	.4014	6.920	48.27	.0863	2.580	.3844

#1	11180.	15.85	-.5878	198.9	2.323	13150.
#2	11190.	17.74	-.4244	198.6	2.396	13210.
#3	11260.	18.05	-.1995	198.9	2.445	13260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.005	15.23	21.95	32.12	11730.	655.5
Stddev	.032	.14	.24	2.82	31.	21.0
%RSD	1.061	.9475	1.075	8.787	.2619	3.206

#1	3.000	15.27	22.19	34.25	11750.	656.8
#2	2.977	15.07	21.72	28.92	11690.	633.9
#3	3.040	15.35	21.94	33.20	11730.	675.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-45-a@10 Acquired: 7/3/2011 17:22:47 Type: Unk

Method: SW846062811(v4) 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	2278.	328.6	450.8	38.25	308.3	5.224
Stddev	7.	.6	4.3	.12	.8	1.765
%RSD	.3016	.1694	.9456	.3077	.2637	33.80

#1	2279.	328.3	453.7	38.35	307.4	3.328
#2	2271.	328.3	452.9	38.12	308.5	6.821
#3	2285.	329.3	445.9	38.28	309.0	5.521

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	5.697	-2.634	43.05	162.0	6.205	1.807
Stddev	2.621	.884	.13	.1	.643	.124
%RSD	46.00	33.57	.2905	.0724	10.37	6.857

#1	7.677	-1.615	42.91	162.1	6.711	1.715
#2	6.690	-3.096	43.14	162.0	6.424	1.948
#3	2.726	-3.191	43.11	161.9	5.481	1.758

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-45-a@10 Acquired: 7/3/2011 17:22:47 Type: Unk
Method: SW846062811(v4) 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	3.755	63.48	107.9
Stddev	.368	.34	.5
%RSD	9.814	.5311	.4661

#1	3.463	63.14	108.1
#2	4.169	63.50	108.3
#3	3.632	63.81	107.3

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	4442.3	55492.	10758.
Stddev	4.3	114.	56.
%RSD	.09579	.20626	.52502

#1	4437.6	55509.	10811.
#2	4445.9	55597.	10765.
#3	4443.2	55370.	10699.

Sample Name: 460-28175-a-46-a@10 Acquired: 7/3/2011 17:26:30 Type: Unk

Method: SW846062811(v4) 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	9831.	24.96	-.1489	405.1	.7515	16640.
Stddev	24.	1.50	.8388	.5	.0715	47.
%RSD	.2488	5.993	563.4	.1203	9.514	.2834

#1	9849.	26.69	-.9623	405.3	.6801	16640.
#2	9841.	24.12	-.1975	405.4	.8230	16680.
#3	9803.	24.07	.7131	404.5	.7513	16590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.052	12.32	35.03	141.0	34750.	711.8
Stddev	.094	.25	.22	1.2	186.	24.2
%RSD	2.311	2.000	.6324	.8322	.5364	3.396

#1	4.160	12.11	34.80	142.3	34550.	686.0
#2	4.000	12.59	35.07	140.3	34770.	733.9
#3	3.996	12.26	35.23	140.3	34930.	715.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-46-a@10 Acquired: 7/3/2011 17:26:30 Type: Unk

Method: SW846062811(v4) 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	3009.	2257.	103.2	27.72	679.0	3.195
Stddev	1.	6.	5.2	.22	2.2	2.068
%RSD	.0488	.2647	5.032	.8053	.3290	64.73

#1	3008.	2252.	106.7	27.73	677.4	1.669
#2	3010.	2256.	97.24	27.94	681.6	2.367
#3	3008.	2264.	105.7	27.49	678.1	5.549

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	2.686	-1.850	44.36	968.5	14.89	1.190
Stddev	1.818	1.030	.14	1.1	.22	.047
%RSD	67.69	55.67	.3126	.1101	1.447	3.948

#1	1.295	-1.683	44.40	968.9	14.65	1.165
#2	4.744	-2.952	44.48	969.4	14.99	1.161
#3	2.019	-.9130	44.21	967.3	15.04	1.244

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-46-a@10 Acquired: 7/3/2011 17:26:30 Type: Unk
 Method: SW846062811(v4) 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	27.67	75.53	254.9
Stddev	.18	.25	2.2
%RSD	.6597	.3324	.8555

#1	27.64	75.46	254.2
#2	27.87	75.81	257.3
#3	27.51	75.32	253.1

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	4290.5	52777.	10188.
Stddev	7.0	170.	19.
%RSD	.16418	.32133	.18793

#1	4283.4	52912.	10186.
#2	4290.7	52832.	10169.
#3	4297.5	52587.	10208.

Sample Name: 460-28175-a-47-a@10 Acquired: 7/3/2011 17:30:12 Type: Unk

Method: SW846062811(v4) 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	7262.	22.68	-.3413	320.5	.6964	8151.
Stddev	10.	.33	.3057	.4	.0185	4.
%RSD	.1357	1.435	89.55	.1124	2.651	.0485

#1	7272.	22.42	-.3154	320.1	.6754	8148.
#2	7263.	23.05	-.6591	320.6	.7100	8155.
#3	7252.	22.59	-.0494	320.7	.7039	8149.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.779	9.887	34.85	122.7	30390.	565.5
Stddev	.046	.034	.60	1.3	46.	5.3
%RSD	1.658	.3413	1.726	1.080	.1500	.9447

#1	2.744	9.860	35.26	123.1	30440.	564.8
#2	2.761	9.924	35.13	121.3	30400.	571.2
#3	2.831	9.876	34.16	123.9	30350.	560.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-47-a@10 Acquired: 7/3/2011 17:30:12 Type: Unk

Method: SW846062811(v4) 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	2460.	169.3	64.18	40.71	864.7	4.931
Stddev	14.	.6	4.81	.35	2.7	.627
%RSD	.5725	.3550	7.490	.8595	.3069	12.71

#1	2466.	169.8	60.00	41.00	867.7	5.653
#2	2470.	169.5	63.11	40.81	863.9	4.614
#3	2444.	168.6	69.43	40.32	862.6	4.526

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	4.251	-1.543	48.43	831.3	8.764	.7512
Stddev	1.482	1.084	.32	.4	.416	.0717
%RSD	34.86	70.22	.6658	.0490	4.752	9.540

#1	5.465	-.2932	48.79	830.9	9.229	.8322
#2	4.688	-2.117	48.34	831.7	8.638	.7251
#3	2.600	-2.219	48.16	831.2	8.425	.6962

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-47-a@10 Acquired: 7/3/2011 17:30:12 Type: Unk
 Method: SW846062811(v4) 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	63.37	39.06	196.1
Stddev	.59	.05	1.4
%RSD	.9380	.1375	.7199

#1	63.84	39.07	197.4
#2	62.70	39.01	194.6
#3	63.56	39.11	196.2

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	4282.2	52867.	10139.
Stddev	3.1	65.	30.
%RSD	.07176	.12361	.29472

#1	4284.6	52793.	10130.
#2	4283.2	52914.	10173.
#3	4278.7	52895.	10115.

Sample Name: 460-28175-a-48-a@10 Acquired: 7/3/2011 17:33:55 Type: Unk

Method: SW846062811(v4) 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	8083.	19.43	-1.158	103.3	.5780	6064.
Stddev	5.	.92	.4115	.3	.0535	14.
%RSD	.0578	4.738	355.4	.3266	9.261	.2351

#1	8082.	20.22	-.1540	103.5	.5877	6054.
#2	8089.	19.65	.3135	103.5	.6260	6058.
#3	8079.	18.42	-.5068	102.9	.5202	6081.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.099	8.987	19.57	33.81	18540.	798.5
Stddev	.062	.146	.31	.25	64.	14.3
%RSD	2.956	1.622	1.586	.7373	.3455	1.795

#1	2.049	9.006	19.91	34.07	18600.	814.8
#2	2.168	9.122	19.49	33.57	18550.	787.9
#3	2.079	8.832	19.31	33.79	18470.	792.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-48-a@10 Acquired: 7/3/2011 17:33:55 Type: Unk

Method: SW846062811(v4) 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	1584.	974.5	43.37	18.64	341.3	4.338
Stddev	3.	3.7	10.92	.16	2.3	1.148
%RSD	.2189	.3783	25.18	.8606	.6741	26.45

#1	1587.	978.6	31.12	18.82	339.7	4.371
#2	1581.	973.5	52.08	18.53	343.9	5.469
#3	1582.	971.4	46.91	18.56	340.1	3.175

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	-.0727	-2.488	32.49	186.7	4.863	1.173
Stddev	.5098	.279	.41	.2	.615	.341
%RSD	701.7	11.20	1.250	.1088	12.65	29.06

#1	-.1236	-2.548	32.45	186.6	5.570	.8161
#2	.4607	-2.732	32.92	187.0	4.567	1.207
#3	-.5551	-2.185	32.11	186.6	4.451	1.495

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-48-a@10 Acquired: 7/3/2011 17:33:55 Type: Unk
Method: SW846062811(v4) 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	6.495	29.45	148.4
Stddev	.524	.05	1.2
%RSD	8.074	.1813	.8052

#1	6.737	29.43	147.1
#2	6.854	29.42	149.5
#3	5.893	29.51	148.7

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	4290.3	53205.	10169.
Stddev	6.3	175.	49.
%RSD	.14786	.32895	.48426

#1	4286.3	53003.	10127.
#2	4286.9	53322.	10223.
#3	4297.6	53288.	10155.

Sample Name: 460-28175-a-49-a@10 Acquired: 7/3/2011 17:37:37 Type: Unk

Method: SW846062811(v4) 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	7554.	14.75	-8472	107.1	.9154	4148.
Stddev	9.	.17	.5426	.2	.0470	12.
%RSD	.1253	1.160	64.04	.1776	5.135	.2928

#1	7553.	14.90	-.7380	106.9	.9690	4135.
#2	7563.	14.56	-1.436	107.3	.8960	4152.
#3	7544.	14.79	-.3675	107.1	.8812	4158.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.141	8.218	17.48	30.05	16760.	776.0
Stddev	.072	.142	.18	.94	36.	17.7
%RSD	3.379	1.734	1.021	3.130	.2128	2.276

#1	2.183	8.154	17.32	30.44	16770.	756.8
#2	2.183	8.381	17.46	30.73	16720.	791.5
#3	2.057	8.118	17.67	28.98	16790.	779.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-49-a@10 Acquired: 7/3/2011 17:37:37 Type: Unk

Method: SW846062811(v4) 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	1638.	286.2	33.50	27.00	357.1	4.285
Stddev	7.	.4	2.50	.45	1.6	1.428
%RSD	.4545	.1355	7.448	1.658	.4602	33.32

#1	1631.	286.3	36.35	27.25	355.2	4.126
#2	1637.	285.7	32.43	27.26	358.3	2.943
#3	1646.	286.4	31.72	26.48	357.8	5.786

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	.1006	-1.037	31.22	177.4	3.353	.7226
Stddev	1.383	.450	.11	.3	.406	.1056
%RSD	1375.	43.40	.3606	.1557	12.10	14.62

#1	-1.371	-.9628	31.27	177.7	3.227	.6662
#2	.2984	-.6287	31.09	177.5	3.026	.8444
#3	1.374	-1.519	31.30	177.1	3.807	.6571

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-49-a@10 Acquired: 7/3/2011 17:37:37 Type: Unk
 Method: SW846062811(v4) 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	5.595	21.94	138.4
Stddev	.090	.06	1.0
%RSD	1.607	.2750	.7346

#1	5.698	21.89	137.3
#2	5.531	21.91	139.2
#3	5.556	22.00	138.6

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	4305.0	53297.	10202.
Stddev	3.8	111.	33.
%RSD	.08841	.20835	.32328

#1	4306.7	53182.	10239.
#2	4300.7	53404.	10193.
#3	4307.7	53304.	10174.

Sample Name: 460-28175-a-50-a@10 Acquired: 7/3/2011 17:41:20 Type: Unk

Method: SW846062811(v4) 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	5907.	16.54	-.1577	26.08	1.993	839.9
Stddev	18.	.41	.7029	.08	.045	6.3
%RSD	.3042	2.476	445.6	.3073	2.270	.7533

#1	5896.	16.07	-.9693	26.00	2.005	845.0
#2	5897.	16.79	.2508	26.15	2.032	832.8
#3	5928.	16.77	.2453	26.11	1.943	841.9

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	.3102	5.088	22.49	31.59	9786.	410.2
Stddev	.0094	.097	.06	1.14	49.	24.5
%RSD	3.040	1.905	.2685	3.592	.4982	5.983

#1	.3203	5.130	22.43	30.64	9843.	395.7
#2	.3086	5.157	22.54	31.29	9757.	396.5
#3	.3016	4.977	22.50	32.85	9759.	438.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-50-a@10 Acquired: 7/3/2011 17:41:20 Type: Unk

Method: SW846062811(v4) 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	606.2	104.1	58.63	12.80	328.8	6.172
Stddev	4.5	.4	13.22	.07	.8	.129
%RSD	.7498	.3816	22.55	.5476	.2343	2.093

#1	610.7	104.6	71.19	12.73	328.1	6.024
#2	601.6	103.9	59.86	12.87	329.6	6.265
#3	606.4	104.0	44.84	12.81	328.5	6.226

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	3.216	-1.231	19.98	36.58	.0862	.5152
Stddev	2.123	.645	.23	.15	.0976	.0982
%RSD	66.02	52.43	1.162	.3979	113.1	19.06

#1	1.314	-1.976	19.97	36.49	.0837	.6286
#2	5.506	-.8766	19.75	36.75	-.0100	.4552
#3	2.828	-.8403	20.21	36.50	.1851	.4619

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-50-a@10 Acquired: 7/3/2011 17:41:20 Type: Unk
 Method: SW846062811(v4) 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	10.46	4.573	75.70
Stddev	.28	.097	.43
%RSD	2.673	2.127	.5696

#1	10.14	4.535	76.05
#2	10.60	4.501	75.83
#3	10.65	4.683	75.22

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	5089.5	63161.	12018.
Stddev	7.9	322.	73.
%RSD	.15491	.50984	.60474

#1	5096.9	62817.	12057.
#2	5081.3	63455.	12064.
#3	5090.4	63212.	11935.

Sample Name: 460-28175-a-51-a@10 Acquired: 7/3/2011 17:45:03 Type: Unk

Method: SW846062811(v4) 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	2395.	2.201	-.4627	11.57	.2021	151.4
Stddev	2.	.893	.4214	.12	.0559	10.4
%RSD	.0726	40.58	91.07	1.016	27.63	6.846

#1	2397.	1.847	-.5947	11.66	.2159	163.0
#2	2395.	3.217	-.8022	11.61	.2498	148.2
#3	2393.	1.539	.0089	11.44	.1407	143.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0526	2.124	11.50	6.680	2924.	299.8
Stddev	.0520	.126	.25	1.410	6.	6.9
%RSD	98.92	5.951	2.157	21.10	.2044	2.301

#1	.0679	1.994	11.28	5.251	2918.	299.7
#2	-.0054	2.246	11.76	6.718	2930.	292.9
#3	.0953	2.133	11.45	8.070	2925.	306.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-51-a@10 Acquired: 7/3/2011 17:45:03 Type: Unk

Method: SW846062811(v4) 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	562.0	47.44	11.46	3.830	19.84	.7144
Stddev	2.7	.12	7.61	.198	1.68	1.229
%RSD	.4865	.2630	66.45	5.157	8.469	172.0

#1	564.9	47.33	7.333	4.040	21.11	-.6811
#2	561.6	47.58	20.24	3.803	17.93	1.635
#3	559.5	47.40	6.797	3.647	20.47	1.189

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	.4058	.2297	5.720	13.42	.6664	.0082
Stddev	.9871	1.372	.217	.14	.3999	.1426
%RSD	243.2	597.2	3.801	1.069	60.01	1732.

#1	-.6504	1.512	5.645	13.50	.2419	-.0576
#2	.5630	.3941	5.549	13.51	.7213	.1719
#3	1.305	-1.217	5.964	13.26	1.036	-.0896

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-51-a@10 Acquired: 7/3/2011 17:45:03 Type: Unk
 Method: SW846062811(v4) 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	4.913	1.324	115.5
Stddev	.824	.136	.2
%RSD	16.77	10.28	.2074

#1	5.557	1.399	115.2
#2	5.196	1.166	115.5
#3	3.985	1.405	115.7

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	4340.7	53752.	10260.
Stddev	5.4	180.	12.
%RSD	.12332	.33462	.11341

#1	4340.1	53947.	10253.
#2	4346.4	53593.	10273.
#3	4335.7	53717.	10252.

Sample Name: CCV Acquired: 7/3/2011 17:48:52 Type: QC
Method: SW846062811(v4) 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	117200.	2390.	1166.	9624.	936.8	122000.
Stddev	121.	3.	1.	17.	.3	29.
%RSD	.1034	.1340	.0653	.1726	.0285	.0235

#1	117000.	2392.	1165.	9635.	937.0	122000.
#2	117300.	2386.	1166.	9632.	936.9	122000.
#3	117200.	2390.	1165.	9605.	936.5	122000.

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	1199.	2390.	4746.	11790.	97650.	47310.
Stddev	3.	5.	16.	1.	681.	72.
%RSD	.2107	.2010	.3269	.0051	.6972	.1528

#1	1201.	2394.	4755.	11790.	98110.	47250.
#2	1200.	2392.	4756.	11790.	97980.	47390.
#3	1196.	2385.	4729.	11790.	96870.	47300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 17:48:52 Type: QC
Method: SW846062811(v4) 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	119700.	4849.	119200.	2404.	7181.	967.4
Stddev	365.	16.	260.	5.	14.	1.7
%RSD	.3050	.3289	.2185	.2015	.2011	.1727

#1	120000.	4863.	119200.	2409.	7196.	969.1
#2	119900.	4853.	119400.	2404.	7181.	967.5
#3	119300.	4832.	118900.	2399.	7167.	965.7

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	2358.	2446.	2406.	2381.	954.5	2423.
Stddev	3.	4.	16.	6.	.3	6.
%RSD	.1164	.1708	.6513	.2474	.0296	.2551

#1	2356.	2450.	2417.	2387.	954.2	2427.
#2	2361.	2447.	2412.	2381.	954.8	2426.
#3	2356.	2441.	2388.	2376.	954.5	2416.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 17:48:52 Type: QC
Method: SW846062811(v4) 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	960.3	4800.	9432.
Stddev	2.9	34.	1.
%RSD	.3016	.7029	.0116

#1	963.6	4794.	9433.
#2	958.1	4769.	9431.
#3	959.4	4836.	9432.

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	3899.5	47816.	9734.1
Stddev	6.0	161.	28.2
%RSD	.15342	.33745	.28961

#1	3904.1	47723.	9756.6
#2	3901.7	47722.	9702.4
#3	3892.8	48002.	9743.2

Sample Name: CCB Acquired: 7/3/2011 17:52:41 Type: QC
Method: SW846062811(v4) 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	-.2025	-.1127	-.8817	.1186	-.0130	1.374
Stddev	1.545	.6190	.4088	.0602	.0319	13.73
%RSD	762.7	549.3	46.36	50.76	246.1	999.6

#1	1.239	-.8260	-1.170	.1307	-.0475	14.60
#2	-1.833	.2052	-.4138	.1719	-.0067	-12.81
#3	-.0136	.2827	-1.061	.0533	.0153	2.332

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0115	.1798	.0012	2.265	-4.587	32.91
Stddev	.0815	.3341	.1765	1.864	1.568	49.37
%RSD	706.0	185.8	15180.	82.27	34.20	150.0

#1	.0876	.4690	.1542	3.857	-3.747	-9.830
#2	-.0745	-.1859	-.1919	2.723	-6.396	86.96
#3	.0216	.2564	.0412	.2153	-3.617	21.61

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 17:52:41 Type: QC
 Method: SW846062811(v4) 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	3.328	.0883	18.68	-.2527	1.635	.3069
Stddev	.714	.0049	18.61	.2034	.137	.9936
%RSD	21.46	5.575	99.59	80.47	8.392	323.8
#1	2.603	.0937	35.95	-.1456	1.573	.2239
#2	3.351	.0870	21.12	-.1253	1.541	1.339
#3	4.031	.0842	-1.019	-.4873	1.793	-.6426

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	-.3066	-.7788	-.1252	.1413	1.832	.4132
Stddev	1.195	.7218	.3867	.0450	1.223	.0282
%RSD	389.6	92.68	308.8	31.86	66.74	6.825
#1	.4271	-.8473	-.4934	.1397	3.138	.4383
#2	-1.685	-1.464	-.1600	.1872	.7146	.4186
#3	.3383	-.0252	.2777	.0972	1.643	.3827

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 17:52:41 Type: QC
 Method: SW846062811(v4) 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	.1973	.2697	2.345
Stddev	.2317	.0413	.923
%RSD	117.5	15.31	39.38

#1	.4519	.3033	3.086
#2	.1409	.2823	2.638
#3	-.0011	.2236	1.310

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	4222.4	52163.	9929.0
Stddev	4.3	181.	18.8
%RSD	.10133	.34621	.18960

#1	4221.5	52006.	9912.2
#2	4218.6	52122.	9925.4
#3	4227.0	52361.	9949.3

Sample Name: 460-28175-a-52-a@10 Acquired: 7/3/2011 17:56:34 Type: Unk

Method: SW846062811(v4) 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	16780.	20.58	-.0278	207.2	2.815	7461.
Stddev	29.	.35	.5041	.0	.049	10.
%RSD	.1735	1.689	1813.	.0023	1.749	.1401

#1	16760.	20.87	-.0848	207.2	2.858	7450.
#2	16770.	20.19	.5023	207.2	2.825	7470.
#3	16820.	20.68	-.5009	207.2	2.761	7465.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.989	11.28	27.70	48.85	10400.	932.6
Stddev	.036	.14	.42	.56	30.	12.1
%RSD	.9109	1.249	1.529	1.142	.2880	1.300

#1	3.954	11.37	27.65	48.57	10380.	919.1
#2	3.987	11.35	28.15	48.48	10430.	942.4
#3	4.027	11.12	27.30	49.49	10390.	936.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-52-a@10 Acquired: 7/3/2011 17:56:34 Type: Unk

Method: SW846062811(v4) 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	1631.	163.9	498.4	38.13	589.7	5.610
Stddev	6.	.5	12.1	.30	1.6	.139
%RSD	.3632	.3160	2.432	.7750	.2779	2.482

#1	1625.	163.6	501.8	38.42	591.0	5.467
#2	1636.	164.5	484.9	38.14	590.1	5.745
#3	1634.	163.6	508.4	37.83	587.9	5.617

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	3.029	-1.466	57.46	126.6	5.561	2.427
Stddev	.694	.426	.36	.2	.477	.180
%RSD	22.90	29.05	.6241	.1766	8.573	7.438

#1	2.633	-1.477	57.29	126.4	5.713	2.618
#2	3.830	-1.886	57.87	126.8	5.027	2.260
#3	2.625	-1.035	57.21	126.5	5.943	2.403

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-52-a@10 Acquired: 7/3/2011 17:56:34 Type: Unk
Method: SW846062811(v4) 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	10.86	32.76	159.5
Stddev	.96	.08	1.4
%RSD	8.808	.2521	.9050

#1	11.22	32.68	159.0
#2	9.776	32.85	158.3
#3	11.59	32.75	161.1

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	4624.7	57484.	11132.
Stddev	6.4	234.	7.
%RSD	.13938	.40762	.06567

#1	4617.6	57348.	11130.
#2	4630.2	57351.	11126.
#3	4626.4	57755.	11140.

Sample Name: 460-28175-a-53-a@10 Acquired: 7/3/2011 18:00:17 Type: Unk

Method: SW846062811(v4) 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	6948.	4.095	-.5788	142.0	5.224	5258.
Stddev	12.	1.083	.1819	.2	.028	18.
%RSD	.1724	26.45	31.43	.1333	.5352	.3351

#1	6934.	2.918	-.4787	142.2	5.256	5240.
#2	6954.	4.315	-.4689	141.9	5.209	5259.
#3	6955.	5.051	-.7887	141.8	5.206	5275.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.387	12.67	16.38	9.073	2818.	240.2
Stddev	.010	.21	.49	3.735	10.	37.5
%RSD	.4073	1.659	3.009	41.16	.3717	15.63

#1	2.396	12.87	16.03	5.118	2827.	204.1
#2	2.377	12.69	16.17	12.54	2807.	237.3
#3	2.389	12.45	16.94	9.562	2821.	279.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-53-a@10 Acquired: 7/3/2011 18:00:17 Type: Unk

Method: SW846062811(v4) 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	614.1	126.7	661.8	49.79	42.55	.5687
Stddev	3.7	.2	11.6	.29	.58	.6544
%RSD	.6067	.1802	1.749	.5906	1.367	115.1

#1	610.9	126.8	667.5	50.07	42.99	-.1190
#2	613.2	126.4	648.5	49.83	42.77	1.184
#3	618.2	126.8	669.5	49.48	41.89	.6413

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	4.327	-.8265	10.76	41.11	2.458	.5105
Stddev	1.711	.5407	.24	.03	.749	.1400
%RSD	39.55	65.42	2.277	.0808	30.47	27.43

#1	6.261	-.6027	11.03	41.08	2.977	.3989
#2	3.712	-.4336	10.68	41.14	2.797	.4649
#3	3.008	-1.443	10.57	41.09	1.599	.6676

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-53-a@10 Acquired: 7/3/2011 18:00:17 Type: Unk
Method: SW846062811(v4) 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	1.694	14.43	60.07
Stddev	.164	.05	1.19
%RSD	9.688	.3653	1.985

#1	1.509	14.48	58.88
#2	1.823	14.41	60.06
#3	1.750	14.38	61.26

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	4455.2	55264.	10659.
Stddev	10.0	223.	38.
%RSD	.22513	.40325	.35358

#1	4450.9	55163.	10615.
#2	4466.7	55519.	10677.
#3	4448.1	55109.	10684.

Sample Name: 460-28175-a-54-a@10 Acquired: 7/3/2011 18:04:01 Type: Unk

Method: SW846062811(v4) 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	11310.	31.80	-.3202	101.2	1.988	4957.
Stddev	37.	.79	.9400	.2	.031	9.
%RSD	.3286	2.470	293.6	.2104	1.574	.1815

#1	11270.	31.54	-.0962	101.5	2.008	4953.
#2	11320.	32.68	-1.352	101.1	2.003	4968.
#3	11340.	31.18	.4876	101.1	1.952	4951.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.752	13.66	26.43	45.31	24120.	657.4
Stddev	.061	.09	.15	.60	64.	55.6
%RSD	3.474	.6397	.5624	1.333	.2660	8.456

#1	1.682	13.70	26.40	45.24	24190.	595.5
#2	1.783	13.56	26.59	45.95	24080.	673.6
#3	1.792	13.72	26.30	44.75	24090.	703.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-54-a@10 Acquired: 7/3/2011 18:04:01 Type: Unk

Method: SW846062811(v4) 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	1496.	1461.	161.6	24.32	787.2	12.45
Stddev	3.	2.	2.8	.17	1.0	.89
%RSD	.2111	.1643	1.727	.7004	.1244	7.165

#1	1492.	1463.	164.0	24.33	788.3	13.37
#2	1496.	1462.	158.5	24.48	787.0	11.59
#3	1498.	1459.	162.3	24.14	786.4	12.39

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	1.928	-2.216	52.58	96.19	2.417	1.987
Stddev	.827	.398	.37	.25	.234	.236
%RSD	42.89	17.95	.7045	.2555	9.705	11.90

#1	2.524	-2.127	52.92	96.28	2.192	1.986
#2	.9839	-2.651	52.62	95.91	2.660	1.752
#3	2.274	-1.871	52.19	96.37	2.398	2.225

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-54-a@10 Acquired: 7/3/2011 18:04:01 Type: Unk
Method: SW846062811(v4) 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	8.649	25.08	121.5
Stddev	.398	.06	1.2
%RSD	4.603	.2306	.9695

#1	8.566	25.11	121.5
#2	9.082	25.12	120.3
#3	8.299	25.02	122.6

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	4507.5	56280.	10758.
Stddev	3.9	111.	43.
%RSD	.08695	.19653	.39528

#1	4506.5	56168.	10718.
#2	4511.9	56390.	10802.
#3	4504.2	56282.	10754.

Sample Name: 460-28175-a-55-a@10 Acquired: 7/3/2011 18:07:44 Type: Unk

Method: SW846062811(v4) 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	7476.	20.37	-.6207	64.16	1.360	2151.
Stddev	18.	.85	.1526	.05	.006	6.
%RSD	.2361	4.194	24.58	.0818	.4568	.2760

#1	7488.	19.45	-.7919	64.21	1.359	2148.
#2	7456.	20.55	-.4989	64.11	1.367	2147.
#3	7485.	21.13	-.5714	64.17	1.354	2157.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7214	3.461	15.56	21.09	18130.	394.7
Stddev	.0434	.026	.48	2.40	87.	17.5
%RSD	6.021	.7648	3.056	11.36	.4813	4.437

#1	.6908	3.430	16.03	23.52	18070.	375.8
#2	.7711	3.478	15.55	21.03	18090.	410.4
#3	.7024	3.474	15.08	18.73	18230.	398.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-55-a@10 Acquired: 7/3/2011 18:07:44 Type: Unk

Method: SW846062811(v4) 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	938.4	223.4	98.66	12.46	158.0	3.437
Stddev	.3	.7	10.34	.21	1.8	.905
%RSD	.0339	.3148	10.48	1.714	1.163	26.34

#1	938.4	222.6	108.8	12.21	158.6	2.469
#2	938.1	223.5	99.14	12.61	159.4	3.576
#3	938.7	224.0	88.09	12.54	155.9	4.264

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	.6983	-1.030	32.24	38.45	1.159	.9971
Stddev	.8768	.279	.38	.18	.191	.1001
%RSD	125.6	27.11	1.180	.4642	16.51	10.04

#1	-.0596	-.8138	31.81	38.60	.9490	.9106
#2	1.659	-.9306	32.37	38.51	1.204	.9739
#3	.4959	-1.345	32.53	38.25	1.324	1.107

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-55-a@10 Acquired: 7/3/2011 18:07:44 Type: Unk
Method: SW846062811(v4) 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	4.241	11.73	90.61
Stddev	.483	.15	1.29
%RSD	11.38	1.237	1.424

#1	4.527	11.71	91.44
#2	3.684	11.60	91.27
#3	4.513	11.89	89.13

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	4393.9	55132.	10415.
Stddev	.6	397.	57.
%RSD	.01421	.71937	.55070

#1	4394.2	55487.	10428.
#2	4393.2	55206.	10464.
#3	4394.3	54704.	10352.

Sample Name: 460-28175-a-57-a@10 Acquired: 7/3/2011 18:11:27 Type: Unk

Method: SW846062811(v4) 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	13310.	22.47	-.4454	172.7	2.332	5828.
Stddev	98.	.35	.0659	2.1	.008	50.
%RSD	.7331	1.573	14.79	1.239	.3304	.8593

#1	13220.	22.28	-.5215	170.7	2.340	5775.
#2	13310.	22.26	-.4073	172.5	2.327	5835.
#3	13410.	22.88	-.4074	174.9	2.327	5874.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.856	7.013	25.34	48.02	10090.	616.0
Stddev	.049	.043	.55	1.24	69.	46.9
%RSD	1.717	.6174	2.178	2.578	.6859	7.620

#1	2.839	7.061	24.77	48.44	10020.	565.8
#2	2.818	6.976	25.38	49.00	10090.	623.3
#3	2.911	7.002	25.87	46.63	10160.	658.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-57-a@10 Acquired: 7/3/2011 18:11:27 Type: Unk

Method: SW846062811(v4) 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	1466.	165.4	187.5	29.99	710.5	8.391
Stddev	15.	1.7	5.3	.65	7.6	1.344
%RSD	1.026	1.050	2.823	2.161	1.068	16.02

#1	1451.	164.0	186.2	29.25	703.2	7.268
#2	1466.	164.9	193.4	30.22	710.0	8.024
#3	1481.	167.4	183.1	30.49	718.4	9.880

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	2.464	-2.151	48.10	114.3	3.237	1.785
Stddev	.781	.522	.47	1.6	.222	.191
%RSD	31.69	24.26	.9833	1.442	6.855	10.68

#1	3.361	-1.595	47.57	113.0	3.493	1.578
#2	2.095	-2.630	48.26	113.9	3.110	1.823
#3	1.936	-2.226	48.47	116.2	3.107	1.954

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-57-a@10 Acquired: 7/3/2011 18:11:27 Type: Unk
 Method: SW846062811(v4) 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	8.847	26.66	141.2
Stddev	.573	.29	1.7
%RSD	6.481	1.074	1.177

#1	8.266	26.43	140.0
#2	9.412	26.57	140.6
#3	8.862	26.98	143.1

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	4490.9	55947.	10768.
Stddev	3.0	121.	28.
%RSD	.06733	.21581	.26167

#1	4494.3	55807.	10737.
#2	4489.6	56021.	10776.
#3	4488.7	56012.	10791.

Sample Name: 460-28175-a-58-a@10 Acquired: 7/3/2011 18:15:10 Type: Unk

Method: SW846062811(v4) 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	7356.	11.08	-8000	95.65	4759	6076.
Stddev	24.	1.21	.5668	.08	.0558	26.
%RSD	.3270	10.88	70.85	.0796	11.73	.4331

#1	7374.	10.83	-1.956	95.57	4169	6052.
#2	7365.	12.38	-1.320	95.67	4830	6104.
#3	7329.	10.01	-8847	95.71	5278	6071.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.235	7.628	19.31	91.81	13950.	1153.
Stddev	.114	.108	.15	1.44	25.	6.
%RSD	5.108	1.411	.7554	1.569	.1794	.5011

#1	2.348	7.730	19.20	92.92	13960.	1150.
#2	2.236	7.638	19.26	92.33	13980.	1150.
#3	2.120	7.515	19.48	90.18	13930.	1160.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-58-a@10 Acquired: 7/3/2011 18:15:10 Type: Unk

Method: SW846062811(v4) 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	1222.	144.4	113.1	21.39	909.3	17.09
Stddev	3.	.1	11.8	.13	1.2	1.37
%RSD	.2083	.0667	10.41	.6028	.1331	8.010

#1	1225.	144.4	124.1	21.53	908.9	15.55
#2	1220.	144.3	114.5	21.35	910.6	17.53
#3	1223.	144.5	100.7	21.28	908.3	18.18

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	3.395	-2.437	35.18	117.7	10.04	3.394
Stddev	2.258	.338	.31	.1	.47	.073
%RSD	66.51	13.87	.8886	.1158	4.637	2.143

#1	2.717	-2.304	35.09	117.8	10.41	3.310
#2	1.554	-2.185	35.52	117.7	10.20	3.438
#3	5.914	-2.821	34.92	117.6	9.515	3.434

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-58-a@10 Acquired: 7/3/2011 18:15:10 Type: Unk
 Method: SW846062811(v4) 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	18.38	24.32	146.5
Stddev	.81	.20	1.8
%RSD	4.389	.8130	1.220

#1	17.52	24.11	147.5
#2	18.50	24.50	147.6
#3	19.12	24.35	144.4

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	4348.8	54160.	10416.
Stddev	5.9	193.	32.
%RSD	.13559	.35725	.30563

#1	4355.1	53939.	10436.
#2	4348.0	54297.	10379.
#3	4343.4	54245.	10431.

Sample Name: 460-28175-a-59-a@10 Acquired: 7/3/2011 18:18:52 Type: Unk

Method: SW846062811(v4) 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	13130.	22.35	.0471	154.7	.5486	747.5
Stddev	39.	2.02	.4035	.2	.0428	7.1
%RSD	.2966	9.038	856.5	.0972	7.810	.9501

#1	13100.	20.94	.5131	154.5	.5678	744.9
#2	13170.	24.67	-.1877	154.7	.5785	755.5
#3	13110.	21.45	-.1840	154.7	.4995	742.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4221	3.896	23.81	70.36	13590.	765.2
Stddev	.0113	.049	.20	1.33	55.	51.7
%RSD	2.687	1.269	.8227	1.893	.4079	6.760

#1	.4213	3.886	23.65	68.93	13640.	780.3
#2	.4112	3.852	24.03	70.58	13600.	807.7
#3	.4338	3.950	23.75	71.57	13530.	707.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-59-a@10 Acquired: 7/3/2011 18:18:52 Type: Unk

Method: SW846062811(v4) 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	705.0	24.99	111.2	17.52	553.0	7.420
Stddev	2.6	.02	3.2	.30	1.6	1.306
%RSD	.3700	.0876	2.878	1.725	.2887	17.60

#1	702.0	24.97	109.6	17.56	551.3	5.914
#2	706.6	24.99	109.0	17.20	554.4	8.236
#3	706.3	25.02	114.8	17.80	553.4	8.111

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	3.031	-1.485	61.59	40.22	3.213	3.242
Stddev	.997	1.010	.71	.16	.461	.083
%RSD	32.89	68.03	1.148	.4083	14.35	2.555

#1	2.541	-.8075	62.21	40.37	2.690	3.179
#2	2.374	-1.001	60.82	40.24	3.561	3.336
#3	4.178	-2.646	61.73	40.05	3.389	3.212

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-59-a@10 Acquired: 7/3/2011 18:18:52 Type: Unk
 Method: SW846062811(v4) 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	66.62	5.694	172.7
Stddev	.41	.031	1.5
%RSD	.6157	.5502	.8717

#1	66.96	5.702	171.0
#2	66.16	5.660	173.4
#3	66.73	5.721	173.8

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	4444.4	55232.	10606.
Stddev	1.6	206.	40.
%RSD	.03568	.37284	.38068

#1	4444.7	55037.	10575.
#2	4445.8	55212.	10593.
#3	4442.7	55448.	10652.

Sample Name: 460-28175-a-60-a@10 Acquired: 7/3/2011 18:22:36 Type: Unk

Method: SW846062811(v4) 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	10590.	33.09	.0252	81.81	.5145	2889.
Stddev	35.	3.16	.1739	.20	.0761	13.
%RSD	.3278	9.548	689.5	.2430	14.80	.4552

#1	10560.	35.40	.2231	81.67	.5653	2881.
#2	10590.	29.49	-.1037	82.03	.5512	2881.
#3	10630.	34.38	-.0436	81.71	.4269	2904.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.937	10.08	29.75	72.47	28280.	1241.
Stddev	.029	.07	.32	1.94	43.	25.
%RSD	1.515	.6557	1.072	2.681	.1512	1.984

#1	1.904	10.05	30.09	72.14	28230.	1234.
#2	1.962	10.03	29.70	70.72	28320.	1221.
#3	1.944	10.15	29.45	74.56	28300.	1269.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-60-a@10 Acquired: 7/3/2011 18:22:36 Type: Unk

Method: SW846062811(v4) 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	1069.	90.89	48.45	25.28	744.5	14.19
Stddev	7.	.16	8.93	.43	1.4	2.05
%RSD	.6277	.1762	18.44	1.696	.1919	14.48

#1	1074.	91.00	56.74	25.65	743.3	11.88
#2	1072.	90.96	49.61	25.37	746.1	15.83
#3	1061.	90.71	38.99	24.81	744.1	14.85

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	3.973	-1.712	83.31	188.2	7.866	5.095
Stddev	.792	1.191	.28	.2	.354	.098
%RSD	19.92	69.56	.3388	.1096	4.496	1.918

#1	4.624	-2.926	83.07	188.0	7.580	5.073
#2	4.204	-1.665	83.23	188.2	7.756	5.009
#3	3.092	-.5455	83.62	188.4	8.261	5.201

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28175-a-60-a@10 Acquired: 7/3/2011 18:22:36 Type: Unk
 Method: SW846062811(v4) 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	23.10	14.92	173.8
Stddev	.13	.05	1.8
%RSD	.5512	.3291	1.057

#1	23.17	14.97	175.9
#2	22.95	14.87	172.4
#3	23.17	14.92	173.2

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	4331.7	54069.	10365.
Stddev	6.7	119.	15.
%RSD	.15571	.22025	.14302

#1	4326.9	54150.	10382.
#2	4339.4	54125.	10355.
#3	4328.8	53932.	10358.

Sample Name: 460-28177-a-11-a@10 Acquired: 7/3/2011 18:26:19 Type: Unk

Method: SW846062811(v4) 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	8771.	18.95	-.3702	66.05	.9979	42060.
Stddev	13.	1.49	.7498	.04	.0391	178.
%RSD	.1487	7.840	202.6	.0534	3.921	.4231

#1	8757.	19.38	-.2389	66.01	1.042	41870.
#2	8784.	20.18	.3054	66.07	.9670	42070.
#3	8772.	17.30	-1.177	66.07	.9848	42230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.401	7.927	18.75	31.41	17110.	622.1
Stddev	.019	.099	.07	.70	74.	18.3
%RSD	.7886	1.252	.3660	2.228	.4348	2.937

#1	2.421	8.028	18.79	30.64	17040.	601.7
#2	2.383	7.829	18.78	32.00	17190.	627.6
#3	2.398	7.925	18.67	31.59	17100.	637.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-11-a@10 Acquired: 7/3/2011 18:26:19 Type: Unk

Method: SW846062811(v4) 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	10920.	137.1	29.19	18.56	506.6	4.813
Stddev	28.	.4	13.88	.34	.6	.470
%RSD	.2538	.2660	47.57	1.821	.1179	9.758

#1	10900.	136.9	14.09	18.88	507.0	4.565
#2	10950.	137.5	41.41	18.58	507.0	4.520
#3	10900.	136.9	32.06	18.21	505.9	5.355

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	.1698	-.1390	32.61	149.6	4.807	.8891
Stddev	1.570	.7043	.34	.2	.222	.1399
%RSD	924.5	506.9	1.032	.1582	4.623	15.73

#1	-1.636	-.3855	32.37	149.5	4.849	1.044
#2	1.210	-.6869	32.99	149.5	4.567	.8510
#3	.9350	.6555	32.46	149.9	5.006	.7722

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-11-a@10 Acquired: 7/3/2011 18:26:19 Type: Unk
Method: SW846062811(v4) 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	10.71	51.37	80.90
Stddev	.48	.14	1.01
%RSD	4.457	.2804	1.252

#1	11.26	51.21	80.13
#2	10.44	51.40	80.52
#3	10.43	51.50	82.04

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	4351.4	53700.	10495.
Stddev	3.6	143.	62.
%RSD	.08270	.26580	.58936

#1	4352.6	53819.	10551.
#2	4354.3	53542.	10506.
#3	4347.4	53741.	10429.

Sample Name: 460-28177-a-12-a@10 Acquired: 7/3/2011 18:30:02 Type: Unk

Method: SW846062811(v4) 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	6758.	14.05	-7385	46.24	4602	11090.
Stddev	22.	1.06	.4128	.16	.0630	6.
%RSD	.3318	7.514	55.90	.3480	13.69	.0581

#1	6755.	13.87	-.4125	46.42	.4859	11080.
#2	6738.	13.09	-1.203	46.20	.3884	11090.
#3	6783.	15.18	-.6003	46.11	.5062	11080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.927	3.111	14.79	22.39	12490.	707.7
Stddev	.049	.084	.30	2.89	75.	15.7
%RSD	2.551	2.691	2.052	12.93	.6004	2.211

#1	1.963	3.169	14.61	21.83	12530.	707.2
#2	1.871	3.149	15.14	25.52	12540.	692.3
#3	1.947	3.015	14.62	19.81	12400.	723.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-12-a@10 Acquired: 7/3/2011 18:30:02 Type: Unk

Method: SW846062811(v4) 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	1448.	125.2	20.31	8.310	860.4	5.972
Stddev	2.	.5	9.00	.498	.9	.534
%RSD	.1592	.3735	44.33	5.993	.1089	8.943

#1	1450.	125.5	22.81	8.405	860.2	6.475
#2	1448.	125.4	27.79	8.754	861.5	5.412
#3	1445.	124.6	10.32	7.771	859.6	6.030

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	.6104	-.7768	23.18	54.33	3.555	.6005
Stddev	2.571	1.131	.08	.21	.671	.1121
%RSD	421.2	145.6	.3283	.3891	18.88	18.67

#1	3.568	.5176	23.21	54.23	3.684	.4710
#2	-1.092	-1.575	23.10	54.57	4.153	.6666
#3	-.6449	-1.273	23.24	54.18	2.829	.6638

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-12-a@10 Acquired: 7/3/2011 18:30:02 Type: Unk
 Method: SW846062811(v4) 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	7.017	57.73	96.23
Stddev	.361	.07	1.16
%RSD	5.140	.1174	1.204

#1	7.163	57.72	94.92
#2	7.283	57.80	97.10
#3	6.607	57.67	96.68

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	4336.1	53495.	10282.
Stddev	6.8	90.	14.
%RSD	.15703	.16798	.13202

#1	4344.0	53437.	10288.
#2	4332.2	53450.	10266.
#3	4332.1	53599.	10291.

Sample Name: CCV Acquired: 7/3/2011 18:33:47 Type: QC
Method: SW846062811(v4) 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	116800.	2376.	1158.	9588.	930.8	121300.
Stddev	267.	2.	1.	15.	.5	202.
%RSD	.2284	.0731	.0592	.1563	.0495	.1666

#1	116500.	2375.	1158.	9577.	931.2	121600.
#2	116900.	2376.	1159.	9583.	930.9	121300.
#3	117000.	2378.	1157.	9605.	930.3	121200.

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	1194.	2381.	4702.	11740.	96180.	46890.
Stddev	2.	5.	15.	6.	427.	70.
%RSD	.1276	.1902	.3272	.0492	.4443	.1502

#1	1193.	2377.	4699.	11740.	96520.	46970.
#2	1194.	2381.	4718.	11750.	96330.	46870.
#3	1196.	2386.	4688.	11740.	95700.	46830.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 18:33:47 Type: QC
Method: SW846062811(v4) 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	118700.	4795.	118400.	2392.	7154.	961.0
Stddev	296.	24.	580.	5.	12.	2.0
%RSD	.2496	.5023	.4899	.2084	.1713	.2075

#1	118800.	4809.	119100.	2387.	7144.	960.6
#2	118900.	4809.	118400.	2391.	7151.	959.2
#3	118300.	4767.	117900.	2397.	7168.	963.2

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	2350.	2437.	2368.	2375.	950.7	2414.
Stddev	4.	1.	9.	2.	3.2	4.
%RSD	.1507	.0471	.3933	.0866	.3384	.1478

#1	2347.	2437.	2373.	2373.	947.1	2413.
#2	2349.	2436.	2375.	2375.	951.7	2412.
#3	2354.	2438.	2358.	2377.	953.3	2418.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 18:33:47 Type: QC
Method: SW846062811(v4) 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	953.9	4755.	9413.
Stddev	.8	22.	2.
%RSD	.0811	.4683	.0189

#1	954.2	4729.	9414.
#2	953.0	4769.	9411.
#3	954.5	4766.	9414.

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	3907.7	48212.	9784.9
Stddev	4.5	63.	18.5
%RSD	.11552	.13043	.18948

#1	3909.5	48190.	9770.3
#2	3911.1	48163.	9778.7
#3	3902.6	48283.	9805.8

Sample Name: CCB Acquired: 7/3/2011 18:37:35 Type: QC
Method: SW846062811(v4) 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	7.606	.7055	-.5237	.2950	.0683	-7.083
Stddev	8.039	.5853	.7232	.1185	.0401	5.932
%RSD	105.7	82.97	138.1	40.19	58.62	83.75

#1	12.51	1.038	-.8568	.2382	.1053	-.3665
#2	11.98	.0296	.3061	.4312	.0257	-11.60
#3	-1.672	1.049	-1.020	.2154	.0740	-9.279

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0847	-.0743	-.3834	1.708	-.2050	22.66
Stddev	.0250	.1351	.3561	3.035	3.921	12.10
%RSD	29.49	181.8	92.89	177.7	1913.	53.38

#1	.1107	.0248	-.0306	4.229	4.081	23.12
#2	.0825	-.0195	-.3769	2.555	-3.613	34.52
#3	.0609	-.2282	-.7427	-1.661	-1.083	10.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 18:37:35 Type: QC
Method: SW846062811(v4) 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	.3903	.1367	18.93	-.0049	1.519	.7166
Stddev	1.082	.0421	6.18	.0693	.936	1.256
%RSD	277.3	30.77	32.63	1402.	61.61	175.2

#1	.6986	.1578	24.19	.0078	2.208	2.160
#2	1.285	.1641	12.13	.0571	1.894	.1144
#3	-.8127	.0883	20.48	-.0797	.4536	-.1246

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	1.807	-.6425	-.1439	.0995	1.578	.4965
Stddev	.987	1.977	.6884	.0909	.344	.0664
%RSD	54.60	307.7	478.2	91.36	21.78	13.37

#1	2.873	-1.422	-.3545	.0176	1.973	.4524
#2	1.621	1.606	.6251	.1972	1.349	.5728
#3	.9265	-2.111	-.7024	.0836	1.412	.4643

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 18:37:35 Type: QC
Method: SW846062811(v4) 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	.1908	.0926	1.257
Stddev	.1384	.0586	.484
%RSD	72.51	63.21	38.55

#1	.3482	.0267	1.251
#2	.1359	.1386	.7750
#3	.0884	.1126	1.744

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	4232.3	52648.	10006.
Stddev	.7	158.	19.
%RSD	.01751	.29998	.19348

#1	4231.5	52721.	10028.
#2	4232.6	52467.	9993.2
#3	4232.8	52756.	9996.9

Sample Name: mb 460-78598/1-a@2 Acquired: 7/3/2011 18:41:28 Type: QC

Method: SW846062811(v4) 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	15.25	-6879	-6151	.0026	.0197	17.55
Stddev	5.21	1.841	.3503	.0684	.0214	8.26
%RSD	34.13	267.7	56.95	2588.	108.7	47.04

#1	16.04	-.0729	-.8014	-.0254	.0194	8.026
#2	20.02	-2.758	-.8327	.0807	.0413	22.65
#3	9.699	.7673	-.2110	-.0473	-.0015	21.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0412	-.0007	.3156	1.524	-1.733	-6.755
Stddev	.0545	.0936	.2323	1.747	4.215	28.08
%RSD	132.2	12930.	73.59	114.6	243.2	415.7

#1	-.0155	-.0915	.5820	2.351	2.335	-38.73
#2	-.0043	-.0061	.1551	-.4824	-1.453	4.602
#3	-.1038	.0954	.2099	2.704	-6.081	13.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78598/1-a@2 Acquired: 7/3/2011 18:41:28 Type: QC

Method: SW846062811(v4) 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	.7064	.0313	10.70	.4524	1.614	.3747
Stddev	1.365	.0504	14.71	.4453	.669	1.069
%RSD	193.2	161.2	137.5	98.43	41.47	285.2

#1	.2729	-.0065	-3.869	.3946	2.379	.5392
#2	2.235	.0885	10.41	.9237	1.325	1.351
#3	-.3890	.0118	25.55	.0388	1.138	-.7666

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	1.461	-.5428	-.0293	.4368	.4509	.2240
Stddev	2.274	.5755	.3186	.1484	.3510	.0969
%RSD	155.7	106.0	1087.	33.97	77.86	43.25

#1	3.686	-.0458	-.2125	.5819	.8550	.1143
#2	-.8597	-1.173	-.2140	.2853	.2757	.2979
#3	1.557	-.4093	.3386	.4432	.2219	.2598

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-78598/1-a@2 Acquired: 7/3/2011 18:41:28 Type: QC
Method: SW846062811(v4) 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	.5476	.1118	1.217
Stddev	.4949	.0891	.830
%RSD	90.39	79.66	68.22

#1	.8205	.0185	2.118
#2	.8460	.1960	1.050
#3	-.0237	.1210	.4829

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	4100.6	51474.	9729.5
Stddev	12.9	355.	65.8
%RSD	.31378	.68994	.67678

#1	4085.9	51100.	9676.6
#2	4110.0	51517.	9803.3
#3	4105.9	51806.	9708.8

Sample Name: lcssrm 460-78598/2-a Acquired: 7/3/2011 18:45:19 Type: QC

Method: SW846062811(v4) 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	41760.	489.0	139.5	945.3	377.8	49280.
Stddev	166.	.9	.8	1.5	1.7	218.
%RSD	.3972	.1744	.5948	.1565	.4515	.4425

#1	41800.	488.1	140.5	946.7	378.5	49360.
#2	41910.	489.8	139.1	945.3	379.1	49450.
#3	41580.	489.1	139.0	943.8	375.9	49030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	303.6	480.8	1186.	869.6	88190.	19720.
Stddev	.6	1.1	7.	3.7	540.	94.
%RSD	.1877	.2387	.6040	.4202	.6120	.4757

#1	304.2	481.6	1193.	873.7	88580.	19770.
#2	303.7	481.4	1186.	868.4	88430.	19780.
#3	303.0	479.5	1179.	866.7	87580.	19620.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78598/2-a Acquired: 7/3/2011 18:45:19 Type: QC

Method: SW846062811(v4) 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	17910.	2779.	4904.	716.3	410.7	871.1
Stddev	80.	14.	32.	1.4	1.2	3.1
%RSD	.4493	.5078	.6459	.2023	.2954	.3538

#1	17970.	2792.	4915.	717.2	409.3	871.6
#2	17930.	2781.	4928.	717.1	411.4	873.8
#3	17820.	2764.	4868.	714.6	411.4	867.8

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	1337.	661.3	557.9	2919.	697.0	268.9
Stddev	4.	2.8	3.8	4.	.6	.7
%RSD	.2965	.4200	.6824	.1445	.0823	.2506

#1	1340.	663.9	559.1	2921.	697.2	269.4
#2	1339.	661.6	560.9	2922.	697.5	269.2
#3	1333.	658.4	553.6	2914.	696.4	268.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-78598/2-a Acquired: 7/3/2011 18:45:19 Type: QC
Method: SW846062811(v4) 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	533.4	1116.	2065.
Stddev	1.2	4.	3.
%RSD	.2282	.3591	.1536

#1	533.1	1117.	2065.
#2	534.8	1119.	2068.
#3	532.4	1111.	2061.

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	4364.8	53905.	10619.
Stddev	7.2	64.	45.
%RSD	.16406	.11873	.41932

#1	4371.3	53900.	10599.
#2	4365.9	53844.	10588.
#3	4357.1	53972.	10670.

Sample Name: 460-28177-a-10-b du@ Acquired: 7/3/2011 18:48:51 Type: Unk

Method: SW846062811(v4) 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	9424.	22.29	-.5614	82.51	1.145	38060.
Stddev	29.	1.65	.6353	.21	.085	145.
%RSD	.3031	7.395	113.2	.2526	7.402	.3818

#1	9399.	22.30	-.6883	82.36	1.181	37920.
#2	9417.	20.64	.1278	82.75	1.205	38040.
#3	9455.	23.93	-1.124	82.43	1.048	38210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.843	9.065	19.96	39.06	17420.	865.0
Stddev	.064	.145	.35	1.07	104.	8.8
%RSD	2.244	1.604	1.764	2.738	.5940	1.015

#1	2.884	9.233	20.30	39.87	17300.	871.6
#2	2.876	8.975	19.60	39.47	17490.	855.0
#3	2.770	8.988	19.99	37.85	17470.	868.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-10-b du@ Acquired: 7/3/2011 18:48:51 Type: Unk

Method: SW846062811(v4) 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	9985.	172.7	38.48	19.30	522.3	5.312
Stddev	38.	.7	5.09	.15	1.8	.902
%RSD	.3763	.4007	13.22	.7971	.3530	16.99

#1	9942.	171.9	33.73	19.30	522.7	6.334
#2	10000.	173.1	37.85	19.15	520.4	4.975
#3	10010.	173.0	43.85	19.46	524.0	4.626

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	1.204	-1.828	34.90	121.0	6.739	1.188
Stddev	.690	.208	.31	.2	.291	.358
%RSD	57.36	11.41	.8941	.1803	4.324	30.17

#1	1.739	-1.620	35.01	120.8	7.076	1.032
#2	.4244	-2.038	35.15	121.2	6.573	1.597
#3	1.447	-1.827	34.55	120.9	6.569	.9336

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-10-b du@ Acquired: 7/3/2011 18:48:51 Type: Unk
Method: SW846062811(v4) 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	11.58	50.29	73.47
Stddev	.62	.12	1.67
%RSD	5.392	.2286	2.273

#1	11.72	50.20	71.60
#2	10.89	50.25	74.00
#3	12.12	50.42	74.81

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	4375.0	54377.	10588.
Stddev	1.9	149.	70.
%RSD	.04439	.27434	.66081

#1	4372.7	54520.	10628.
#2	4376.2	54388.	10628.
#3	4376.0	54222.	10507.

Sample Name: 460-28177-a-10-a@10 Acquired: 7/3/2011 18:52:34 Type: Unk

Method: SW846062811(v4) 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	9000.	20.36	.0009	74.31	.9482	35510.
Stddev	38.	.62	.3991	.27	.0183	95.
%RSD	.4236	3.066	46350.	.3695	1.926	.2674

#1	8989.	20.88	.0380	74.62	.9528	35500.
#2	9043.	19.66	-.4155	74.19	.9636	35610.
#3	8969.	20.53	.3801	74.12	.9280	35420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.754	8.828	19.73	38.56	17510.	807.7
Stddev	.077	.215	.19	1.70	45.	25.8
%RSD	2.781	2.436	.9661	4.419	.2562	3.193

#1	2.834	8.894	19.83	38.76	17530.	825.2
#2	2.682	8.587	19.85	40.16	17530.	778.1
#3	2.746	9.001	19.51	36.77	17450.	819.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-10-a@10 Acquired: 7/3/2011 18:52:34 Type: Unk

Method: SW846062811(v4) 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	10070.	167.3	29.69	18.08	492.9	3.766
Stddev	14.	.3	7.02	.35	1.2	1.803
%RSD	.1409	.1832	23.63	1.951	.2429	47.87

#1	10080.	167.6	36.35	18.37	494.2	5.757
#2	10080.	167.2	30.35	17.69	492.7	3.294
#3	10060.	167.0	22.37	18.18	491.8	2.246

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	-1.282	-5.111	33.23	113.8	6.164	1.134
Stddev	.709	.6430	.13	.1	.185	.122
%RSD	55.31	125.8	.3808	.1092	3.003	10.75

#1	-.4645	-1.124	33.33	113.8	6.353	1.001
#2	-1.653	.1584	33.28	113.9	6.156	1.240
#3	-1.729	-.5679	33.09	113.7	5.983	1.163

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-10-a@10 Acquired: 7/3/2011 18:52:34 Type: Unk
Method: SW846062811(v4) 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	9.335	47.30	65.57
Stddev	.365	.13	1.06
%RSD	3.909	.2726	1.611

#1	9.445	47.15	64.46
#2	8.927	47.40	66.56
#3	9.631	47.35	65.68

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	4377.7	53746.	10512.
Stddev	4.2	119.	57.
%RSD	.09653	.22063	.54180

#1	4379.7	53609.	10530.
#2	4380.6	53813.	10448.
#3	4372.9	53816.	10557.

Sample Name: sd 460-28177-a-10-a@ Acquired: 7/3/2011 18:56:17 Type: Unk

Method: SW846062811(v4) 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	1805.	3.784	-.0232	14.98	.2600	7159.
Stddev	17.	1.508	.4756	.15	.0119	11.
%RSD	.9184	39.85	2051.	.9729	4.569	.1547

#1	1805.	2.054	.2436	14.87	.2520	7162.
#2	1821.	4.821	-.5723	15.14	.2543	7169.
#3	1788.	4.476	.2592	14.93	.2736	7147.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5693	1.661	3.747	5.870	3510.	173.4
Stddev	.0303	.163	.158	1.106	9.	33.1
%RSD	5.317	9.798	4.206	18.85	.2554	19.07

#1	.5983	1.824	3.595	5.265	3514.	161.7
#2	.5379	1.498	3.910	7.146	3499.	210.7
#3	.5716	1.661	3.736	5.198	3516.	147.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28177-a-10-a@ Acquired: 7/3/2011 18:56:17 Type: Unk

Method: SW846062811(v4) 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	2050.	33.86	-3.426	3.736	100.1	1.196
Stddev	8.	.09	11.93	.534	.1	.497
%RSD	.3897	.2774	348.1	14.29	.0767	41.59

#1	2044.	33.76	9.279	3.754	100.0	.8377
#2	2046.	33.87	-14.38	3.193	100.0	.9857
#3	2059.	33.95	-5.174	4.261	100.2	1.763

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	-4.4854	-7.7881	6.789	22.87	1.509	.2415
Stddev	2.104	.7113	.150	.12	.574	.1161
%RSD	433.4	90.25	2.216	.5171	38.04	48.07

#1	-2.710	-1.171	6.819	22.97	1.772	.1470
#2	-.2187	.0326	6.922	22.91	.8502	.3711
#3	1.472	-1.226	6.626	22.74	1.903	.2063

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-28177-a-10-a@ Acquired: 7/3/2011 18:56:17 Type: Unk
Method: SW846062811(v4) 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	1.147	9.399	13.08
Stddev	.389	.109	1.10
%RSD	33.88	1.158	8.389

#1	1.439	9.497	12.45
#2	1.296	9.419	14.35
#3	.7060	9.282	12.45

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	4308.4	53223.	10166.
Stddev	7.5	277.	9.
%RSD	.17354	.51989	.08373

#1	4303.7	53467.	10176.
#2	4317.0	53281.	10159.
#3	4304.4	52923.	10163.

Sample Name: 460-28177-a-10-c ms@ Acquired: 7/3/2011 19:00:03 Type: Unk
 Method: SW846062811(v4) 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	13280.	355.5	8.846	451.5	10.19	38730.
Stddev	42.	2.2	.376	.4	.12	75.
%RSD	.3152	.6317	4.247	.0794	1.153	.1924
#1	13240.	352.9	9.097	451.9	10.31	38820.
#2	13320.	357.2	9.027	451.2	10.07	38670.
#3	13290.	356.2	8.414	451.2	10.18	38720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.78	102.3	63.29	83.70	18030.	4595.
Stddev	.04	.3	.06	2.22	52.	29.
%RSD	.3408	.3000	.0903	2.652	.2887	.6410
#1	11.80	102.3	63.35	82.56	18070.	4604.
#2	11.79	102.6	63.27	82.28	17970.	4619.
#3	11.73	101.9	63.25	86.26	18050.	4562.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-10-c ms@ Acquired: 7/3/2011 19:00:03 Type: Unk
Method: SW846062811(v4) 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	13510.	264.5	3698.	114.2	594.4	45.24
Stddev	12.	.7	17.	.6	2.0	1.07
%RSD	.0917	.2467	.4535	.5386	.3447	2.368

#1	13530.	265.2	3713.	114.1	594.5	44.59
#2	13510.	264.0	3680.	114.9	596.4	44.65
#3	13510.	264.2	3700.	113.7	592.3	46.48

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	342.0	399.3	126.3	215.9	90.37	88.92
Stddev	3.3	2.7	.8	.5	.46	.13
%RSD	.9639	.6698	.6288	.2162	.5087	.1449

#1	345.6	398.7	127.2	215.5	90.01	88.81
#2	341.2	402.3	125.6	216.4	90.89	88.89
#3	339.2	397.1	126.1	215.7	90.21	89.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-10-c ms@ Acquired: 7/3/2011 19:00:03 Type: Unk
Method: SW846062811(v4) 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	93.22	138.7	146.6
Stddev	.60	.7	.8
%RSD	.6430	.4806	.5448

#1	92.89	139.5	147.5
#2	93.91	138.2	146.2
#3	92.86	138.6	146.1

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	4348.6	53505.	10446.
Stddev	4.5	296.	28.
%RSD	.10238	.55390	.26337

#1	4343.7	53163.	10422.
#2	4349.7	53687.	10476.
#3	4352.4	53666.	10440.

Sample Name: 460-28177-a-13-a@10 Acquired: 7/3/2011 19:03:43 Type: Unk

Method: SW846062811(v4) 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	15030.	59.52	-.3735	236.8	2.149	2493.
Stddev	30.	1.18	.2032	1.0	.066	7.
%RSD	.2027	1.984	54.41	.4025	3.080	.2778

#1	15050.	58.19	-.1873	236.4	2.207	2500.
#2	15050.	60.46	-.5903	237.8	2.163	2493.
#3	14990.	59.90	-.3431	236.0	2.077	2487.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.778	9.788	34.01	469.0	59040.	758.8
Stddev	.047	.031	.47	1.2	37.	28.1
%RSD	2.660	.3202	1.387	.2566	.0633	3.705

#1	1.827	9.802	34.16	470.0	59070.	791.2
#2	1.774	9.810	34.40	469.4	59060.	741.2
#3	1.733	9.752	33.49	467.7	59000.	743.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-13-a@10 Acquired: 7/3/2011 19:03:43 Type: Unk

Method: SW846062811(v4) 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	1115.	120.1	22.55	29.86	779.1	3.202
Stddev	3.	.3	3.71	.34	.3	.658
%RSD	.3097	.2205	16.44	1.129	.0447	20.54

#1	1117.	120.4	24.78	29.59	778.8	2.550
#2	1118.	120.0	18.27	29.76	779.5	3.866
#3	1111.	119.9	24.61	30.24	779.0	3.191

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	2.806	-2.122	86.98	313.3	3.592	2.997
Stddev	1.112	.786	.26	.7	.418	.031
%RSD	39.65	37.02	.2976	.2206	11.64	1.033

#1	2.104	-1.315	86.80	313.1	3.150	3.033
#2	2.224	-2.167	86.87	314.0	3.645	2.983
#3	4.088	-2.885	87.28	312.7	3.981	2.976

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-13-a@10 Acquired: 7/3/2011 19:03:43 Type: Unk
 Method: SW846062811(v4) 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	394.7	15.84	105.6
Stddev	1.0	.15	1.4
%RSD	.2425	.9364	1.358

#1	393.7	15.97	104.2
#2	395.6	15.86	107.1
#3	394.7	15.68	105.4

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	4556.0	56662.	10987.
Stddev	2.8	83.	58.
%RSD	.06250	.14677	.52987

#1	4553.2	56631.	10951.
#2	4558.9	56756.	10955.
#3	4556.1	56599.	11054.

Sample Name: 460-28177-a-14-a@10 Acquired: 7/3/2011 19:07:24 Type: Unk

Method: SW846062811(v4) 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	14530.	34.73	-.0547	86.58	1.008	2243.
Stddev	38.	.55	.7101	.11	.013	6.
%RSD	.2608	1.574	1299.	.1296	1.287	.2632

#1	14510.	35.29	.1049	86.71	.9936	2240.
#2	14500.	34.71	.5621	86.55	1.012	2250.
#3	14570.	34.19	-.8309	86.50	1.019	2239.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5852	4.626	56.02	72.91	32230.	943.2
Stddev	.0799	.063	.20	1.91	60.	40.8
%RSD	13.66	1.354	.3507	2.621	.1858	4.330

#1	.6745	4.589	55.86	73.73	32160.	962.3
#2	.5205	4.591	56.24	70.73	32270.	971.0
#3	.5606	4.699	55.97	74.28	32250.	896.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-14-a@10 Acquired: 7/3/2011 19:07:24 Type: Unk

Method: SW846062811(v4) 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	1290.	105.6	52.15	17.99	764.7	3.781
Stddev	2.	.2	2.44	.32	.4	.575
%RSD	.1299	.2212	4.682	1.760	.0483	15.20

#1	1292.	105.5	51.22	17.72	765.1	3.257
#2	1290.	105.5	50.31	18.33	764.6	4.395
#3	1289.	105.9	54.92	17.90	764.4	3.690

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	.8284	-.1629	78.84	185.1	4.236	2.800
Stddev	.6250	1.903	.46	.3	.380	.156
%RSD	75.44	1168.	.5810	.1363	8.977	5.553

#1	1.511	2.016	78.31	185.1	3.797	2.963
#2	.2837	-1.495	79.09	185.4	4.459	2.653
#3	.6908	-1.010	79.12	184.9	4.451	2.783

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-14-a@10 Acquired: 7/3/2011 19:07:24 Type: Unk
 Method: SW846062811(v4) 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	10.30	22.96	150.1
Stddev	.48	.06	1.3
%RSD	4.710	.2748	.8425

#1	10.55	22.92	149.7
#2	10.59	22.92	151.6
#3	9.736	23.03	149.2

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	4382.9	54533.	10506.
Stddev	11.6	130.	30.
%RSD	.26418	.23791	.28480

#1	4386.0	54674.	10539.
#2	4392.6	54418.	10498.
#3	4370.1	54508.	10481.

Sample Name: 460-28177-a-15-a@10 Acquired: 7/3/2011 19:11:07 Type: Unk

Method: SW846062811(v4) 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	15410.	35.90	.6746	77.73	1.580	1032.
Stddev	13.	.48	.7245	.10	.053	10.
%RSD	.0840	1.349	107.4	.1311	3.357	1.016

#1	15410.	36.03	.7196	77.79	1.539	1020.
#2	15420.	35.36	-.0713	77.79	1.640	1038.
#3	15390.	36.30	1.376	77.61	1.562	1037.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.066	5.304	24.58	2990.	23030.	516.6
Stddev	.053	.017	.08	3.	87.	15.1
%RSD	1.724	.3118	.3365	.1081	.3770	2.920

#1	3.122	5.296	24.53	2987.	22930.	505.2
#2	3.017	5.294	24.54	2994.	23080.	533.7
#3	3.060	5.323	24.68	2989.	23080.	510.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-15-a@10 Acquired: 7/3/2011 19:11:07 Type: Unk

Method: SW846062811(v4) 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	849.7	140.7	19.67	237.9	311.8	6.342
Stddev	.6	.4	21.09	1.0	1.2	.659
%RSD	.0663	.2619	107.2	.4334	.4003	10.40

#1	850.2	140.7	-3.544	238.8	313.2	5.674
#2	849.9	141.1	37.63	238.1	311.1	6.993
#3	849.1	140.4	24.93	236.7	311.0	6.359

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	.4606	-1.213	40.39	F 25270.	2.191	-3.357
Stddev	1.814	.889	.36	84.	.522	.145
%RSD	393.9	73.26	.8970	.3310	23.84	4.333

#1	-.9304	-.2089	40.04	25320.	2.762	-3.316
#2	-.2003	-1.898	40.37	25320.	1.738	-3.518
#3	2.512	-1.533	40.76	25180.	2.073	-3.236

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-28177-a-15-a@10 Acquired: 7/3/2011 19:11:07 Type: Unk
 Method: SW846062811(v4) 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	21.40	11.60	102.9
Stddev	.13	.21	2.4
%RSD	.5972	1.775	2.336

#1	21.47	11.50	101.1
#2	21.49	11.83	105.7
#3	21.26	11.46	102.0

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	4358.3	53729.	10370.
Stddev	2.5	126.	34.
%RSD	.05644	.23500	.32460

#1	4355.9	53839.	10407.
#2	4358.1	53756.	10340.
#3	4360.9	53591.	10363.

Sample Name: 460-28177-a-16-a@10 Acquired: 7/3/2011 19:14:48 Type: Unk

Method: SW846062811(v4) 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	16530.	46.89	-.3172	69.19	.7695	1249.
Stddev	23.	1.04	.3147	.10	.0343	17.
%RSD	.1394	2.213	99.22	.1488	4.457	1.397

#1	16510.	45.86	-.0127	69.16	.8038	1236.
#2	16520.	46.87	-.2976	69.30	.7352	1269.
#3	16550.	47.94	-.6413	69.10	.7694	1242.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4218	5.487	35.97	56.43	29940.	1026.
Stddev	.0667	.124	.25	3.15	97.	1.
%RSD	15.81	2.262	.6855	5.573	.3255	.0727

#1	.4972	5.602	35.70	56.42	30040.	1027.
#2	.3974	5.356	36.02	53.30	29850.	1026.
#3	.3707	5.503	36.19	59.59	29930.	1026.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-16-a@10 Acquired: 7/3/2011 19:14:48 Type: Unk

Method: SW846062811(v4) 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	1464.	55.27	16.06	17.78	579.3	3.780
Stddev	3.	.03	9.24	.46	1.3	.760
%RSD	.2117	.0594	57.52	2.580	.2276	20.11

#1	1466.	55.27	26.72	17.84	578.5	4.037
#2	1465.	55.30	10.37	18.21	580.8	2.925
#3	1460.	55.24	11.09	17.30	578.6	4.379

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	5.751	-1.285	82.22	79.84	2.995	2.956
Stddev	1.704	1.254	.79	.18	.267	.056
%RSD	29.63	97.59	.9581	.2307	8.913	1.887

#1	7.647	-.2184	83.11	79.78	3.186	3.004
#2	4.347	-.9701	81.62	80.05	3.109	2.895
#3	5.259	-2.666	81.92	79.69	2.690	2.969

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-16-a@10 Acquired: 7/3/2011 19:14:48 Type: Unk
 Method: SW846062811(v4) 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	11.16	8.133	125.5
Stddev	.43	.151	.4
%RSD	3.877	1.855	.3018

#1	10.74	8.218	125.3
#2	11.61	8.221	125.4
#3	11.14	7.958	126.0

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	4412.3	54435.	10537.
Stddev	7.5	187.	6.
%RSD	.16992	.34429	.05773

#1	4411.1	54226.	10537.
#2	4405.5	54588.	10543.
#3	4420.3	54490.	10531.

Sample Name: CCV Acquired: 7/3/2011 19:18:32 Type: QC
Method: SW846062811(v4) 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	117300.	2374.	1163.	9575.	937.4	122000.
Stddev	213.	4.	2.	19.	.7	139.
%RSD	.1818	.1885	.2030	.2009	.0773	.1142

#1	117100.	2377.	1161.	9579.	937.1	122000.
#2	117500.	2377.	1162.	9592.	938.2	122100.
#3	117300.	2369.	1166.	9554.	936.9	121800.

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	1193.	2376.	4737.	11790.	97550.	47440.
Stddev	3.	5.	8.	7.	426.	103.
%RSD	.2537	.2033	.1635	.0621	.4364	.2168

#1	1194.	2377.	4729.	11780.	97280.	47530.
#2	1196.	2381.	4737.	11800.	97320.	47460.
#3	1190.	2371.	4745.	11800.	98040.	47330.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 19:18:32 Type: QC
Method: SW846062811(v4) 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	119600.	4842.	119100.	2395.	7139.	961.6
Stddev	154.	2.	427.	5.	16.	3.2
%RSD	.1283	.0484	.3587	.1989	.2206	.3379

#1	119500.	4845.	119500.	2395.	7142.	961.7
#2	119500.	4841.	119100.	2399.	7152.	964.8
#3	119800.	4840.	118700.	2389.	7121.	958.4

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	2342.	2429.	2401.	2370.	945.8	2412.
Stddev	7.	4.	11.	5.	1.8	5.
%RSD	.2990	.1740	.4632	.1956	.1917	.1955

#1	2347.	2429.	2392.	2371.	943.9	2411.
#2	2346.	2434.	2397.	2373.	945.8	2417.
#3	2334.	2425.	2414.	2364.	947.6	2408.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 19:18:32 Type: QC
Method: SW846062811(v4) 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	956.5	4784.	9431.
Stddev	2.5	22.	10.
%RSD	.2599	.4502	.1007

#1	958.1	4761.	9431.
#2	957.9	4804.	9441.
#3	953.7	4787.	9422.

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	3927.7	47909.	9757.6
Stddev	5.6	159.	15.7
%RSD	.14150	.33206	.16126

#1	3933.8	47966.	9752.1
#2	3922.9	48032.	9745.3
#3	3926.6	47730.	9775.3

Sample Name: CCB Acquired: 7/3/2011 19:22:19 Type: QC
Method: SW846062811(v4) 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	-4.910	-.6965	-.2393	.1949	.1496	2.147
Stddev	7.323	1.222	.3934	.1457	.0685	8.929
%RSD	149.1	175.4	164.4	74.74	45.79	415.9

#1	-4.147	-.6690	-.6657	.3092	.1372	-6.366
#2	2.001	.5111	.1097	.2447	.0882	1.366
#3	-12.58	-1.932	-.1621	.0309	.2236	11.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0289	.1896	-.2745	2.758	-4.078	48.21
Stddev	.0182	.1964	.0541	1.882	1.251	33.97
%RSD	63.10	103.6	19.72	68.23	30.68	70.46

#1	-.0497	.3894	-.2341	.6430	-4.515	23.87
#2	-.0218	-.0033	-.2534	3.385	-5.052	33.74
#3	-.0153	.1826	-.3360	4.246	-2.667	87.01

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 19:22:19 Type: QC
Method: SW846062811(v4) 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	1.832	.0659	4.029	.3325	1.316	.3238
Stddev	1.548	.0854	21.54	.1669	.219	1.028
%RSD	84.51	129.5	534.8	50.20	16.64	317.4

#1	3.336	.1211	22.11	.2280	1.412	-.3042
#2	1.919	.1091	9.788	.5250	1.065	1.510
#3	.2422	-.0324	-19.81	.2446	1.470	-.2342

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	1.532	-.1356	.2227	.1908	1.710	.4951
Stddev	.659	1.296	.1789	.1206	.618	.1450
%RSD	43.04	955.5	80.31	63.19	36.12	29.30

#1	.8748	-.2592	.3176	.0575	2.256	.6556
#2	2.194	-1.365	.0164	.2923	1.836	.4562
#3	1.527	1.218	.3341	.2226	1.039	.3735

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 19:22:19 Type: QC
Method: SW846062811(v4) 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	.2475	.1246	1.010
Stddev	.8187	.0361	.750
%RSD	330.8	28.99	74.25

#1	.3172	.1597	.8463
#2	1.029	.0875	1.829
#3	-.6038	.1267	.3557

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	4230.1	52448.	9944.8
Stddev	6.8	123.	40.2
%RSD	.16007	.23448	.40403

#1	4236.3	52590.	9966.3
#2	4231.0	52365.	9898.4
#3	4222.9	52390.	9969.6

Sample Name: 460-28177-a-17-a@10 Acquired: 7/3/2011 19:26:12 Type: Unk

Method: SW846062811(v4) 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	11900.	40.12	-.3946	59.14	.5346	692.9
Stddev	28.	.80	.2711	.10	.0125	5.8
%RSD	.2378	2.005	68.69	.1717	2.336	.8322

#1	11870.	41.04	-.1149	59.05	.5272	688.7
#2	11930.	39.78	-.4130	59.13	.5276	690.4
#3	11900.	39.54	-.6561	59.25	.5490	699.5

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	.2374	3.461	23.48	37.44	20430.	636.1
Stddev	.0335	.073	.25	1.60	43.	31.0
%RSD	14.12	2.110	1.052	4.269	.2092	4.877

#1	.1990	3.378	23.22	36.50	20380.	600.6
#2	.2526	3.496	23.52	39.29	20440.	657.8
#3	.2606	3.510	23.71	36.54	20460.	650.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-17-a@10 Acquired: 7/3/2011 19:26:12 Type: Unk

Method: SW846062811(v4) 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	1020.	37.04	39.88	10.51	247.0	1.222
Stddev	2.	.21	5.46	.12	.4	.879
%RSD	.1537	.5725	13.69	1.186	.1629	71.97

#1	1018.	36.80	42.26	10.38	246.6	.3093
#2	1021.	37.14	33.63	10.63	247.2	1.292
#3	1021.	37.18	43.75	10.51	247.3	2.063

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	3.936	-4.188	53.05	48.44	2.572	1.800
Stddev	.125	.7523	.30	.27	.413	.158
%RSD	3.173	179.6	.5681	.5479	16.05	8.767

#1	3.827	-.1372	53.12	48.31	2.960	1.668
#2	4.073	.1520	52.73	48.27	2.618	1.756
#3	3.909	-1.271	53.32	48.75	2.138	1.975

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-17-a@10 Acquired: 7/3/2011 19:26:12 Type: Unk
 Method: SW846062811(v4) 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	5.653	4.898	80.92
Stddev	.122	.050	.69
%RSD	2.154	1.022	.8578

#1	5.602	4.927	80.16
#2	5.793	4.927	81.51
#3	5.566	4.841	81.09

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	4378.9	54340.	10460.
Stddev	9.6	81.	15.
%RSD	.22003	.14970	.14315

#1	4374.7	54288.	10450.
#2	4372.1	54299.	10477.
#3	4390.0	54434.	10452.

Sample Name: 460-28177-a-18-a@10 Acquired: 7/3/2011 19:29:54 Type: Unk

Method: SW846062811(v4) 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	7653.	13.28	-.3735	197.8	.5199	11410.
Stddev	20.	.64	.3589	.4	.0773	6.
%RSD	.2589	4.796	96.09	.2104	14.87	.0499

#1	7673.	13.76	-.5079	197.6	.5550	11410.
#2	7634.	12.56	.0332	198.3	.5735	11410.
#3	7653.	13.53	-.6459	197.5	.4313	11420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.053	6.000	21.31	45.78	19090.	1262.
Stddev	.065	.104	.31	3.41	141.	29.
%RSD	6.167	1.739	1.447	7.445	.7391	2.329

#1	1.115	5.928	21.62	49.35	19140.	1275.
#2	1.057	6.120	21.29	45.42	19200.	1282.
#3	.9856	5.953	21.01	42.56	18930.	1228.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-18-a@10 Acquired: 7/3/2011 19:29:54 Type: Unk

Method: SW846062811(v4) 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	3228.	388.0	87.69	12.58	534.9	4.068
Stddev	10.	1.5	6.64	.04	1.5	1.210
%RSD	.2947	.3783	7.572	.3238	.2789	29.74

#1	3233.	388.5	81.77	12.62	534.6	5.460
#2	3234.	389.1	86.42	12.54	536.6	3.474
#3	3217.	386.3	94.87	12.57	533.6	3.270

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	1.611	-2.241	42.27	108.6	12.52	1.057
Stddev	1.270	1.210	.21	.2	.68	.118
%RSD	78.79	54.01	.4918	.1938	5.441	11.13

#1	.5224	-.9400	42.16	108.3	11.75	1.155
#2	3.006	-3.333	42.51	108.7	13.02	1.090
#3	1.306	-2.448	42.14	108.6	12.80	.9263

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-18-a@10 Acquired: 7/3/2011 19:29:54 Type: Unk
Method: SW846062811(v4) 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	4.771	34.39	144.8
Stddev	.421	.10	.6
%RSD	8.816	.3019	.3957

#1	4.286	34.48	145.4
#2	5.033	34.28	144.6
#3	4.995	34.42	144.3

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	4372.5	53981.	10437.
Stddev	7.7	314.	25.
%RSD	.17635	.58114	.23588

#1	4381.0	53852.	10412.
#2	4370.8	53753.	10461.
#3	4365.8	54339.	10438.

Sample Name: 460-28177-a-19-a@10 Acquired: 7/3/2011 19:33:37 Type: Unk

Method: SW846062811(v4) 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	9666.	18.00	-.3784	98.47	.6549	9924.
Stddev	36.	1.49	.4855	.24	.0415	27.
%RSD	.3674	8.301	128.3	.2443	6.332	.2670

#1	9651.	18.07	-.5160	98.43	.6084	9902.
#2	9640.	19.46	-.7803	98.73	.6880	9917.
#3	9707.	16.47	.1610	98.26	.6685	9954.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9467	6.107	26.00	50.10	21230.	1248.
Stddev	.0574	.108	.47	2.09	27.	23.
%RSD	6.059	1.768	1.812	4.164	.1260	1.853

#1	1.000	6.232	26.51	49.19	21230.	1262.
#2	.9534	6.041	25.58	52.49	21200.	1222.
#3	.8863	6.049	25.91	48.62	21260.	1262.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-19-a@10 Acquired: 7/3/2011 19:33:37 Type: Unk

Method: SW846062811(v4) 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	3221.	283.7	92.60	15.19	1190.	4.968
Stddev	5.	1.0	14.85	.17	3.	.501
%RSD	.1419	.3656	16.04	1.102	.2409	10.08

#1	3224.	283.0	79.10	15.13	1192.	4.800
#2	3215.	283.3	90.20	15.07	1191.	5.531
#3	3223.	284.9	108.5	15.38	1187.	4.573

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	1.345	-1.302	58.67	96.05	9.033	1.649
Stddev	1.285	1.365	.41	.63	.476	.263
%RSD	95.55	104.8	.6944	.6520	5.268	15.93

#1	.2283	-1.214	58.21	96.58	8.772	1.426
#2	1.057	-2.708	58.98	96.21	9.582	1.582
#3	2.750	.0172	58.82	95.36	8.744	1.938

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-19-a@10 Acquired: 7/3/2011 19:33:37 Type: Unk
Method: SW846062811(v4) 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	8.368	26.34	155.6
Stddev	.826	.14	.6
%RSD	9.874	.5250	.3966

#1	8.722	26.18	156.3
#2	8.959	26.39	155.1
#3	7.424	26.44	155.4

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	4373.4	54263.	10515.
Stddev	.9	340.	30.
%RSD	.02139	.62651	.28975

#1	4372.8	54400.	10523.
#2	4374.5	54513.	10541.
#3	4372.9	53876.	10482.

Sample Name: 460-28177-a-20-a@10 Acquired: 7/3/2011 19:37:20 Type: Unk

Method: SW846062811(v4) 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	13870.	29.35	-.4308	99.71	2.010	3269.
Stddev	33.	.25	.4570	.43	.062	7.
%RSD	.2375	.8552	106.1	.4344	3.076	.2219

#1	13880.	29.06	-.0494	99.91	2.073	3272.
#2	13890.	29.46	-.9373	100.0	2.009	3274.
#3	13830.	29.52	-.3058	99.21	1.949	3260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.381	6.250	32.77	54.53	18240.	725.2
Stddev	.088	.159	.17	.54	83.	43.5
%RSD	3.702	2.545	.5226	.9920	.4547	5.996

#1	2.408	6.400	32.97	55.15	18320.	675.7
#2	2.453	6.269	32.66	54.28	18240.	742.8
#3	2.283	6.083	32.69	54.16	18160.	757.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-20-a@10 Acquired: 7/3/2011 19:37:20 Type: Unk

Method: SW846062811(v4) 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	938.0	62.60	72.64	21.60	818.4	14.66
Stddev	4.3	.14	10.49	.33	3.1	1.63
%RSD	.4630	.2313	14.45	1.528	.3781	11.11

#1	941.0	62.61	62.62	21.95	818.7	13.07
#2	933.1	62.74	71.76	21.57	821.3	16.33
#3	940.0	62.45	83.55	21.29	815.2	14.57

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	1.277	-1.108	61.42	73.24	3.851	2.773
Stddev	1.634	.889	.07	.51	.256	.254
%RSD	127.9	80.26	.1069	.7027	6.642	9.174

#1	.1875	-.1976	61.46	73.09	3.563	2.482
#2	.4883	-1.974	61.35	73.82	4.052	2.955
#3	3.156	-1.151	61.46	72.82	3.937	2.882

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-20-a@10 Acquired: 7/3/2011 19:37:20 Type: Unk
 Method: SW846062811(v4) 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	14.95	15.42	91.06
Stddev	.38	.10	.47
%RSD	2.509	.6708	.5172

#1	15.38	15.50	90.53
#2	14.76	15.45	91.19
#3	14.71	15.31	91.45

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	4616.6	57140.	11090.
Stddev	5.8	265.	40.
%RSD	.12539	.46438	.36330

#1	4621.2	56834.	11056.
#2	4610.1	57293.	11134.
#3	4618.4	57293.	11078.

Sample Name: 460-28177-a-21-a@10 Acquired: 7/3/2011 19:41:03 Type: Unk

Method: SW846062811(v4) 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	14530.	20.41	-.0153	117.4	1.798	2490.
Stddev	23.	.57	.3174	.6	.080	14.
%RSD	.1596	2.803	2073.	.4760	4.458	.5544

#1	14540.	20.67	.3199	117.7	1.889	2474.
#2	14550.	20.80	-.3111	117.7	1.737	2499.
#3	14500.	19.75	-.0547	116.7	1.768	2497.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.492	5.176	29.28	43.55	16140.	623.4
Stddev	.021	.134	.28	1.37	97.	6.2
%RSD	1.399	2.585	.9419	3.145	.5988	.9945

#1	1.471	5.262	29.45	44.94	16250.	630.6
#2	1.512	5.243	28.97	43.50	16070.	619.3
#3	1.493	5.022	29.43	42.21	16110.	620.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-21-a@10 Acquired: 7/3/2011 19:41:03 Type: Unk

Method: SW846062811(v4) 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	873.5	65.44	169.9	17.87	557.4	8.497
Stddev	3.5	.17	10.3	.13	3.6	1.863
%RSD	.4000	.2564	6.053	.7348	.6444	21.93

#1	875.3	65.58	178.0	17.80	558.5	8.590
#2	869.5	65.49	158.3	18.02	560.3	10.31
#3	875.8	65.26	173.3	17.78	553.3	6.588

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	.7554	-.1125	55.88	47.91	3.716	2.223
Stddev	1.414	1.765	.56	.19	.321	.110
%RSD	187.2	1568.	1.010	.3926	8.632	4.947

#1	.0086	.9136	56.53	48.06	3.591	2.196
#2	2.387	.8993	55.59	47.97	3.478	2.130
#3	-.1292	-2.151	55.52	47.70	4.081	2.345

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-21-a@10 Acquired: 7/3/2011 19:41:03 Type: Unk
 Method: SW846062811(v4) 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	10.45	13.61	88.13
Stddev	.66	.10	1.27
%RSD	6.313	.7432	1.442

#1	10.72	13.69	88.23
#2	10.93	13.49	89.35
#3	9.700	13.64	86.81

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	4584.6	57132.	11020.
Stddev	5.3	400.	39.
%RSD	.11606	.69986	.35171

#1	4578.7	56674.	11002.
#2	4589.1	57413.	11065.
#3	4585.9	57307.	10994.

Sample Name: 460-28177-a-22-a@10 Acquired: 7/3/2011 19:44:47 Type: Unk

Method: SW846062811(v4) 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	13560.	30.30	-9415	112.1	2.350	4353.
Stddev	12.	.95	.1356	.3	.050	8.
%RSD	.0857	3.125	14.41	.3017	2.122	.1849

#1	13550.	30.40	-1.089	112.4	2.402	4356.
#2	13570.	31.20	-.8220	112.2	2.303	4344.
#3	13550.	29.31	-.9135	111.7	2.344	4359.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.440	8.915	29.53	45.97	24310.	1259.
Stddev	.031	.045	.15	.38	77.	35.
%RSD	1.254	.5045	.5003	.8358	.3159	2.790

#1	2.475	8.878	29.55	45.96	24270.	1237.
#2	2.428	8.965	29.37	45.59	24260.	1300.
#3	2.417	8.902	29.66	46.35	24400.	1241.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-22-a@10 Acquired: 7/3/2011 19:44:47 Type: Unk

Method: SW846062811(v4) 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	1153.	217.8	37.82	20.59	559.3	9.707
Stddev	1.	.7	9.31	.24	.6	.089
%RSD	.0454	.3000	24.62	1.184	.1006	.9203

#1	1152.	217.3	28.49	20.31	559.7	9.809
#2	1153.	217.5	37.86	20.70	559.5	9.643
#3	1153.	218.5	47.12	20.75	558.7	9.668

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	3.067	-2.020	74.69	87.70	3.205	1.971
Stddev	.679	1.613	.50	.40	.209	.108
%RSD	22.12	79.84	.6649	.4601	6.530	5.470

#1	2.420	-.2209	74.55	88.01	3.446	2.087
#2	3.009	-2.504	74.27	87.85	3.099	1.950
#3	3.773	-3.336	75.24	87.25	3.069	1.875

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-22-a@10 Acquired: 7/3/2011 19:44:47 Type: Unk
 Method: SW846062811(v4) 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	11.70	18.24	88.95
Stddev	.18	.05	1.01
%RSD	1.533	.2702	1.134

#1	11.91	18.18	88.54
#2	11.57	18.27	90.10
#3	11.64	18.25	88.21

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	4651.1	57766.	11189.
Stddev	2.0	158.	47.
%RSD	.04252	.27266	.42202

#1	4650.8	57908.	11193.
#2	4653.2	57794.	11234.
#3	4649.2	57596.	11140.

Sample Name: 460-28177-a-23-a@10 Acquired: 7/3/2011 19:48:29 Type: Unk

Method: SW846062811(v4) 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	8683.	34.17	-.4863	74.50	.8350	1445.
Stddev	13.	.46	.1687	.09	.0904	8.
%RSD	.1467	1.338	34.69	.1168	10.82	.5330

#1	8693.	33.75	-.6718	74.59	.8925	1447.
#2	8669.	34.12	-.4447	74.49	.8816	1436.
#3	8687.	34.66	-.3422	74.42	.7308	1451.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.487	5.867	31.44	57.18	18540.	735.0
Stddev	.025	.222	.47	2.41	53.	49.2
%RSD	.7061	3.786	1.480	4.210	.2884	6.698

#1	3.510	6.122	31.93	54.46	18510.	705.4
#2	3.491	5.718	31.41	58.06	18600.	707.7
#3	3.461	5.761	31.00	59.03	18510.	791.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-23-a@10 Acquired: 7/3/2011 19:48:29 Type: Unk

Method: SW846062811(v4) 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	706.9	41.63	32.60	13.72	675.7	9.589
Stddev	4.4	.02	6.15	.26	2.3	.790
%RSD	.6278	.0557	18.86	1.860	.3458	8.239

#1	707.5	41.61	25.66	13.65	675.1	10.34
#2	711.1	41.63	37.37	14.00	678.3	8.769
#3	702.3	41.66	34.76	13.50	673.7	9.652

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	1.495	-1.673	69.83	50.31	3.766	2.581
Stddev	.827	2.209	.25	.18	.040	.097
%RSD	55.33	132.1	.3574	.3625	1.065	3.742

#1	2.355	.4390	69.66	50.52	3.723	2.691
#2	1.424	-1.490	70.11	50.18	3.802	2.539
#3	.7052	-3.968	69.71	50.23	3.774	2.512

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-23-a@10 Acquired: 7/3/2011 19:48:29 Type: Unk
 Method: SW846062811(v4) 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	10.99	8.253	99.63
Stddev	.23	.091	.48
%RSD	2.051	1.109	.4837

#1	10.78	8.309	100.2
#2	10.95	8.147	99.50
#3	11.23	8.302	99.23

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	4618.7	57298.	11030.
Stddev	3.5	78.	80.
%RSD	.07518	.13549	.72906

#1	4614.7	57251.	10938.
#2	4620.8	57257.	11066.
#3	4620.6	57388.	11086.

Sample Name: 460-28177-a-24-a@10 Acquired: 7/3/2011 19:52:12 Type: Unk

Method: SW846062811(v4) 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	12390.	61.79	-.4904	238.7	.8640	774.6
Stddev	8.	1.61	.2485	.8	.0194	11.8
%RSD	.0662	2.601	50.67	.3532	2.241	1.524

#1	12400.	63.61	-.6409	238.8	.8750	761.2
#2	12390.	60.57	-.2036	239.5	.8754	779.2
#3	12380.	61.19	-.6267	237.8	.8417	783.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.846	4.396	33.83	81.56	38660.	641.8
Stddev	.055	.097	.10	1.48	55.	6.1
%RSD	2.988	2.211	.2977	1.817	.1410	.9541

#1	1.900	4.492	33.86	83.26	38690.	648.7
#2	1.790	4.298	33.72	80.55	38700.	639.5
#3	1.848	4.397	33.91	80.86	38600.	637.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-24-a@10 Acquired: 7/3/2011 19:52:12 Type: Unk

Method: SW846062811(v4) 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	604.1	30.21	70.81	14.40	631.4	5.820
Stddev	3.3	.11	4.54	.31	.8	1.111
%RSD	.5393	.3714	6.404	2.126	.1227	19.09

#1	605.8	30.26	67.13	14.75	632.1	6.880
#2	606.0	30.29	69.42	14.21	631.4	4.664
#3	600.3	30.08	75.88	14.24	630.6	5.917

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	3.554	-2.005	138.8	31.48	4.990	3.400
Stddev	1.536	1.161	.5	.12	.134	.266
%RSD	43.22	57.94	.3430	.3707	2.678	7.826

#1	5.328	-.6792	139.2	31.35	4.994	3.422
#2	2.666	-2.490	138.8	31.52	4.855	3.654
#3	2.669	-2.845	138.3	31.57	5.122	3.123

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-24-a@10 Acquired: 7/3/2011 19:52:12 Type: Unk
 Method: SW846062811(v4) 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	9.073	8.830	115.1
Stddev	.340	.052	1.8
%RSD	3.751	.5875	1.578

#1	9.194	8.826	116.4
#2	8.689	8.780	113.1
#3	9.336	8.884	115.9

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	4811.9	59683.	11512.
Stddev	5.1	89.	23.
%RSD	.10556	.14921	.20057

#1	4806.6	59591.	11496.
#2	4812.6	59769.	11502.
#3	4816.7	59688.	11538.

Sample Name: 460-28177-a-25-a@10 Acquired: 7/3/2011 19:55:56 Type: Unk

Method: SW846062811(v4) 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	10510.	17.42	-.3645	64.96	2.051	1922.
Stddev	157.	1.46	.3790	.65	.081	36.
%RSD	1.492	8.413	104.0	1.004	3.952	1.877

#1	10350.	18.95	-.3956	64.28	1.972	1883.
#2	10530.	16.04	.0292	65.03	2.134	1929.
#3	10660.	17.25	-.7269	65.58	2.048	1954.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.696	5.772	19.97	41.19	21970.	688.7
Stddev	.092	.140	.38	1.25	245.	17.0
%RSD	5.398	2.419	1.927	3.031	1.114	2.466

#1	1.594	5.631	19.59	41.51	21740.	689.3
#2	1.771	5.910	19.97	42.25	21960.	705.4
#3	1.723	5.776	20.36	39.81	22230.	671.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-25-a@10 Acquired: 7/3/2011 19:55:56 Type: Unk

Method: SW846062811(v4) 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	1016.	65.16	172.6	15.98	225.9	3.090
Stddev	14.	1.09	11.7	.38	2.2	.355
%RSD	1.362	1.668	6.749	2.360	.9817	11.49

#1	1004.	64.09	162.7	15.57	223.4	2.890
#2	1013.	65.12	185.5	16.07	226.5	2.881
#3	1031.	66.27	169.8	16.31	227.7	3.500

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	.7796	-2.855	50.12	54.95	5.392	1.101
Stddev	.5729	.979	.81	.54	.176	.099
%RSD	73.49	34.28	1.612	.9905	3.265	8.969

#1	.5466	-2.550	49.29	54.37	5.431	1.209
#2	.3599	-2.064	50.18	55.03	5.546	1.081
#3	1.432	-3.949	50.90	55.45	5.200	1.014

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-25-a@10 Acquired: 7/3/2011 19:55:56 Type: Unk
 Method: SW846062811(v4) 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	5.331	8.205	107.5
Stddev	.602	.142	3.5
%RSD	11.28	1.734	3.216

#1	5.001	8.073	106.2
#2	6.025	8.187	104.9
#3	4.967	8.356	111.4

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	4684.4	58396.	11180.
Stddev	2.5	131.	53.
%RSD	.05422	.22382	.47209

#1	4687.1	58394.	11154.
#2	4684.2	58528.	11146.
#3	4682.0	58267.	11241.

Sample Name: 460-28177-a-26-a@10 Acquired: 7/3/2011 19:59:39 Type: Unk

Method: SW846062811(v4) 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	15220.	32.58	-7162	107.6	2.787	1817.
Stddev	14.	.77	.4261	.1	.060	6.
%RSD	.0921	2.376	59.49	.0985	2.166	.3035

#1	15210.	33.38	-9692	107.6	2.783	1823.
#2	15210.	31.84	-.2243	107.7	2.729	1812.
#3	15230.	32.53	-.9552	107.4	2.849	1816.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.763	6.468	34.97	55.67	22790.	732.4
Stddev	.038	.023	.23	1.45	110.	19.5
%RSD	1.371	.3550	.6590	2.609	.4806	2.660

#1	2.767	6.445	34.70	54.17	22660.	723.6
#2	2.798	6.491	35.09	57.07	22830.	718.8
#3	2.723	6.466	35.11	55.76	22860.	754.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-26-a@10 Acquired: 7/3/2011 19:59:39 Type: Unk

Method: SW846062811(v4) 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	871.5	54.53	360.1	21.04	708.0	14.50
Stddev	4.9	.29	9.0	.07	.3	.07
%RSD	.5588	.5400	2.498	.3318	.0481	.4666

#1	866.2	54.22	349.7	21.02	707.6	14.57
#2	872.5	54.55	364.8	21.12	708.0	14.48
#3	875.8	54.81	365.7	20.98	708.3	14.44

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	3.929	-2.673	92.56	73.24	3.621	2.668
Stddev	.713	1.028	.62	.35	.099	.304
%RSD	18.15	38.46	.6646	.4836	2.719	11.41

#1	4.627	-2.774	91.95	73.64	3.716	2.589
#2	3.202	-3.646	92.57	73.11	3.628	3.004
#3	3.959	-1.598	93.18	72.97	3.519	2.411

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-26-a@10 Acquired: 7/3/2011 19:59:39 Type: Unk
 Method: SW846062811(v4) 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	17.55	11.37	91.62
Stddev	.41	.07	.30
%RSD	2.339	.6116	.3243

#1	17.28	11.42	91.73
#2	17.34	11.29	91.85
#3	18.02	11.40	91.29

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	4933.3	61119.	11842.
Stddev	5.3	95.	39.
%RSD	.10718	.15526	.32646

#1	4929.1	61229.	11809.
#2	4939.2	61072.	11884.
#3	4931.6	61057.	11832.

Sample Name: CCV Acquired: 7/3/2011 20:03:25 Type: QC
Method: SW846062811(v4) 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	117100.	2379.	1162.	9570.	938.0	121900.
Stddev	245.	1.	3.	8.	2.6	253.
%RSD	.2093	.0425	.2412	.0869	.2743	.2073

#1	117100.	2379.	1159.	9579.	937.5	121800.
#2	116900.	2380.	1164.	9565.	935.7	121700.
#3	117400.	2378.	1163.	9565.	940.8	122200.

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	1192.	2376.	4731.	11790.	97350.	47240.
Stddev	1.	3.	5.	27.	388.	201.
%RSD	.0717	.1397	.1077	.2330	.3981	.4244

#1	1193.	2380.	4725.	11780.	97800.	47200.
#2	1192.	2374.	4736.	11770.	97070.	47070.
#3	1193.	2374.	4732.	11820.	97200.	47460.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 20:03:25 Type: QC
Method: SW846062811(v4) 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	119400.	4841.	119200.	2393.	7140.	964.0
Stddev	82.	7.	345.	2.	10.	1.5
%RSD	.0684	.1408	.2893	.0822	.1382	.1583

#1	119300.	4846.	119400.	2395.	7151.	962.3
#2	119500.	4842.	118800.	2392.	7134.	964.9
#3	119400.	4833.	119400.	2391.	7133.	964.9

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	2342.	2431.	2396.	2367.	947.1	2413.
Stddev	.	3.	9.	2.	.9	3.
%RSD	.0118	.1409	.3815	.0948	.0939	.1390

#1	2342.	2433.	2406.	2370.	947.2	2416.
#2	2342.	2427.	2391.	2367.	946.2	2411.
#3	2342.	2432.	2390.	2365.	948.0	2410.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 20:03:25 Type: QC
 Method: SW846062811(v4) 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	956.2	4790.	9431.
Stddev	.9	35.	20.
%RSD	.0935	.7363	.2160

#1	956.6	4800.	9427.
#2	955.1	4820.	9413.
#3	956.7	4751.	9453.

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	3933.0	48048.	9764.4
Stddev	6.3	71.	3.9
%RSD	.15940	.14688	.04004

#1	3935.2	47977.	9767.3
#2	3937.8	48049.	9759.9
#3	3925.9	48118.	9765.9

Sample Name: CCB Acquired: 7/3/2011 20:07:13 Type: QC
Method: SW846062811(v4) 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	10.30	.7644	-.2634	.0633	.0907	26.87
Stddev	26.29	1.609	.4341	.0287	.1047	31.96
%RSD	255.2	210.6	164.8	45.32	115.4	118.9

#1	40.16	.2322	-.0281	.0309	.1980	63.64
#2	.1492	-.5116	.0022	.0735	-.0112	11.30
#3	-9.397	2.573	-.7643	.0855	.0854	5.679

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0845	-.0298	.0856	1.559	-7.555	73.72
Stddev	.0379	.0585	.3756	1.818	6.382	95.61
%RSD	44.91	196.5	438.9	116.6	84.47	129.7

#1	.1033	.0104	.0451	1.608	-5.934	176.5
#2	.0408	-.0029	.4798	-.2834	-14.59	-12.52
#3	.1094	-.0969	-.2681	3.352	-2.140	57.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 20:07:13 Type: QC
Method: SW846062811(v4) 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	-.2197	.0129	33.48	-.0509	.9954	.0515
Stddev	4.493	.0811	10.99	.4013	.6977	.7710
%RSD	2045.	629.7	32.83	787.9	70.09	1499.
#1	4.743	.1065	45.64	-.1324	1.571	.4561
#2	-4.010	-.0306	30.52	-.4053	1.195	-.8377
#3	-1.393	-.0372	24.27	.3849	.2196	.5360

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	-1.699	.0622	-.1384	.0617	1.518	.3717
Stddev	1.357	.3858	.2955	.0820	.681	.1099
%RSD	79.89	620.0	213.4	133.0	44.83	29.58
#1	-.1672	.0156	.1100	.1466	2.198	.4235
#2	-2.752	-.2981	-.4652	-.0170	1.520	.2454
#3	-2.178	.4692	-.0602	.0554	.8367	.4460

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 20:07:13 Type: QC
Method: SW846062811(v4) 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	.2343	.5051	2.246
Stddev	.2991	.7122	1.027
%RSD	127.7	141.0	45.72

#1	.4733	1.324	3.287
#2	-.1012	.1565	2.218
#3	.3307	.0343	1.234

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	4300.3	57161.	12413.
Stddev	42.8	6887.	4101.
%RSD	.99560	12.049	33.034

#1	4349.5	65114.	17148.
#2	4280.1	53199.	10087.
#3	4271.4	53171.	10005.

Sample Name: 460-28177-a-27-a@10 Acquired: 7/3/2011 20:11:05 Type: Unk

Method: SW846062811(v4) 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	10640.	17.99	-1.000	60.98	.6419	941.6
Stddev	39.	.30	.238	.05	.0640	13.5
%RSD	.3634	1.644	23.81	.0750	9.977	1.428

#1	10650.	17.77	-.7478	60.99	.6901	953.7
#2	10590.	17.87	-1.221	61.02	.5692	927.1
#3	10670.	18.32	-1.032	60.93	.6663	943.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2969	2.602	24.89	60.11	26600.	752.3
Stddev	.0253	.186	.23	1.32	79.	2.5
%RSD	8.507	7.145	.9139	2.190	.2981	.3361

#1	.2677	2.738	24.93	60.60	26530.	753.6
#2	.3113	2.679	24.64	58.63	26590.	749.4
#3	.3116	2.390	25.09	61.12	26690.	754.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-27-a@10 Acquired: 7/3/2011 20:11:05 Type: Unk

Method: SW846062811(v4) 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	808.8	41.40	110.7	11.98	574.1	8.227
Stddev	1.9	.16	13.5	.44	1.7	.155
%RSD	.2374	.3795	12.20	3.705	.2939	1.889

#1	809.6	41.24	95.07	11.59	575.9	8.304
#2	810.3	41.55	118.2	12.47	572.5	8.049
#3	806.6	41.42	118.7	11.89	574.0	8.330

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	.2029	-2.987	52.08	29.08	3.878	1.466
Stddev	.2152	.662	.36	.27	.465	.092
%RSD	106.0	22.18	.7000	.9294	11.99	6.247

#1	.4200	-2.758	52.06	29.39	3.382	1.482
#2	-.0102	-3.733	51.72	28.88	3.948	1.367
#3	.1989	-2.469	52.45	28.98	4.304	1.549

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-27-a@10 Acquired: 7/3/2011 20:11:05 Type: Unk
 Method: SW846062811(v4) 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	10.83	4.773	134.5
Stddev	.62	.088	.4
%RSD	5.752	1.838	.3235

#1	11.21	4.718	134.9
#2	11.18	4.875	134.1
#3	10.11	4.728	134.6

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	4547.9	56568.	10906.
Stddev	13.9	204.	28.
%RSD	.30482	.36008	.25320

#1	4533.0	56798.	10875.
#2	4550.4	56496.	10914.
#3	4560.4	56410.	10928.

Sample Name: 460-28177-a-28-a@10 Acquired: 7/3/2011 20:14:49 Type: Unk

Method: SW846062811(v4) 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	15350.	22.63	-.5227	127.6	1.836	586.6
Stddev	20.	.73	.0424	.5	.058	2.1
%RSD	.1328	3.220	8.109	.3772	3.152	.3551

#1	15360.	23.31	-.5193	127.9	1.781	589.0
#2	15330.	21.86	-.4821	127.9	1.831	585.9
#3	15370.	22.73	-.5667	127.1	1.896	585.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6786	2.695	39.48	44.55	10790.	680.0
Stddev	.0291	.143	.44	1.60	23.	17.8
%RSD	4.287	5.307	1.117	3.579	.2144	2.620

#1	.7046	2.858	39.23	46.12	10770.	664.7
#2	.6472	2.637	39.21	42.94	10780.	675.8
#3	.6841	2.591	39.99	44.60	10810.	699.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-28-a@10 Acquired: 7/3/2011 20:14:49 Type: Unk

Method: SW846062811(v4) 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	703.6	24.21	81.39	15.70	561.0	9.786
Stddev	2.5	.07	5.37	.42	2.1	1.899
%RSD	.3506	.2705	6.598	2.699	.3689	19.40

#1	703.3	24.14	77.97	15.30	562.3	11.92
#2	701.3	24.26	78.61	15.65	562.0	8.290
#3	706.2	24.24	87.58	16.14	558.6	9.146

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	4.209	-1.739	78.78	25.78	2.755	2.091
Stddev	1.682	.998	.17	.14	.160	.330
%RSD	39.97	57.39	.2104	.5479	5.805	15.79

#1	3.949	-1.584	78.80	25.88	2.824	1.951
#2	2.671	-.8276	78.60	25.84	2.869	2.468
#3	6.006	-2.805	78.93	25.62	2.572	1.854

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-28-a@10 Acquired: 7/3/2011 20:14:49 Type: Unk
 Method: SW846062811(v4) 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	12.85	7.144	94.12
Stddev	.27	.097	1.38
%RSD	2.113	1.361	1.466

#1	12.56	7.226	95.26
#2	13.10	7.037	92.58
#3	12.87	7.169	94.51

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	4624.6	57174.	11058.
Stddev	1.4	88.	98.
%RSD	.03035	.15391	.88769

#1	4623.9	57161.	10951.
#2	4626.2	57268.	11144.
#3	4623.6	57093.	11078.

Sample Name: 460-28177-a-29-a@10 Acquired: 7/3/2011 20:18:33 Type: Unk

Method: SW846062811(v4) 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	11060.	88.51	-.2292	77.68	1.265	386.7
Stddev	20.	.86	.1443	.17	.058	5.3
%RSD	.1787	.9761	62.97	.2186	4.563	1.361

#1	11050.	89.22	-.0729	77.83	1.292	380.6
#2	11090.	88.76	-.2571	77.72	1.198	390.0
#3	11050.	87.55	-.3575	77.49	1.303	389.5

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	.6300	1.748	26.51	46.44	24250.	570.8
Stddev	.0445	.049	.23	1.72	75.	24.1
%RSD	7.061	2.772	.8524	3.706	.3077	4.231

#1	.5847	1.794	26.41	45.32	24230.	555.3
#2	.6737	1.697	26.77	48.42	24330.	598.7
#3	.6316	1.755	26.36	45.58	24180.	558.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-29-a@10 Acquired: 7/3/2011 20:18:33 Type: Unk

Method: SW846062811(v4) 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	666.5	20.28	76.78	8.121	692.4	45.59
Stddev	3.3	.04	3.67	.340	1.8	.79
%RSD	.4964	.2216	4.781	4.189	.2652	1.742

#1	666.0	20.32	74.71	7.732	693.0	45.13
#2	663.4	20.27	74.60	8.271	693.8	46.50
#3	670.0	20.23	81.01	8.360	690.3	45.13

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	3.135	-1.483	93.09	18.99	1.884	2.451
Stddev	1.828	1.972	.14	.18	.424	.065
%RSD	58.30	133.0	.1521	.9344	22.52	2.632

#1	1.127	.6978	92.93	18.86	1.990	2.382
#2	3.577	-2.004	93.17	18.91	1.416	2.510
#3	4.701	-3.141	93.18	19.19	2.244	2.462

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-28177-a-29-a@10 Acquired: 7/3/2011 20:18:33 Type: Unk
 Method: SW846062811(v4) 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	40.30	5.649	77.83
Stddev	.04	.078	.69
%RSD	.0992	1.378	.8809

#1	40.34	5.623	77.08
#2	40.26	5.587	78.43
#3	40.30	5.736	77.98

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	4667.0	57856.	11145.
Stddev	7.8	110.	57.
%RSD	.16764	.18931	.51225

#1	4673.8	57785.	11161.
#2	4668.8	57800.	11193.
#3	4658.5	57982.	11082.

Sample Name: CCV Acquired: 7/3/2011 20:22:19 Type: QC
Method: SW846062811(v4) 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	116400.	2344.	1152.	9447.	930.9	121200.
Stddev	503.	36.	5.	140.	3.7	160.
%RSD	.4324	1.519	.4014	1.486	.4002	.1318

#1	116700.	2369.	1154.	9543.	934.6	121300.
#2	116600.	2360.	1156.	9512.	931.1	121300.
#3	115800.	2303.	1147.	9286.	927.2	121000.

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	1176.	2343.	4682.	11710.	96250.	47180.
Stddev	18.	39.	41.	22.	816.	98.
%RSD	1.516	1.658	.8799	.1865	.8473	.2081

#1	1188.	2369.	4702.	11730.	96770.	47260.
#2	1184.	2362.	4708.	11710.	96670.	47210.
#3	1156.	2299.	4634.	11690.	95310.	47070.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 20:22:19 Type: QC
Method: SW846062811(v4) 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	118100.	4796.	118700.	2357.	7049.	948.7
Stddev	771.	53.	411.	39.	101.	15.3
%RSD	.6526	1.098	.3465	1.654	1.427	1.608

#1	118500.	4836.	119100.	2383.	7116.	958.3
#2	118600.	4815.	118600.	2376.	7098.	956.8
#3	117200.	4736.	118300.	2312.	6934.	931.1

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	2311.	2404.	2373.	2334.	935.9	2376.
Stddev	30.	28.	19.	38.	10.4	40.
%RSD	1.317	1.151	.8164	1.639	1.112	1.666

#1	2331.	2422.	2385.	2359.	942.7	2404.
#2	2326.	2417.	2385.	2352.	941.0	2393.
#3	2276.	2372.	2351.	2290.	923.9	2331.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 7/3/2011 20:22:19 Type: QC
Method: SW846062811(v4) 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	938.7	4789.	9355.
Stddev	16.2	29.	30.
%RSD	1.721	.6044	.3244

#1	949.1	4765.	9388.
#2	946.8	4822.	9349.
#3	920.1	4781.	9328.

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	3933.3	48120.	9760.6
Stddev	8.9	56.	28.8
%RSD	.22748	.11689	.29530

#1	3943.6	48181.	9788.8
#2	3928.2	48070.	9761.8
#3	3928.1	48110.	9731.2

Sample Name: CCB Acquired: 7/3/2011 20:26:06 Type: QC
Method: SW846062811(v4) 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	.8441	-.3175	-.5636	.2041	.0529	-.8024
Stddev	1.529	.9607	.9093	.0414	.0236	2.435
%RSD	181.1	302.6	161.3	20.30	44.56	303.4
#1	1.587	.5869	.2970	.2032	.0559	-2.507
#2	1.860	-.2134	-1.515	.1631	.0279	1.986
#3	-.9144	-1.326	-.4729	.2459	.0748	-1.886

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0748	.1143	.1020	3.554	1.528	42.78
Stddev	.0171	.3505	.3336	1.226	2.370	29.65
%RSD	22.82	306.7	327.2	34.48	155.1	69.32
#1	.0922	.1775	.0912	4.091	-1.208	13.59
#2	.0581	-.2636	.4408	2.151	2.848	72.87
#3	.0741	.4289	-.2261	4.419	2.945	41.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 20:26:06 Type: QC
Method: SW846062811(v4) 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	-.7160	.0846	23.58	-.2014	1.705	.1731
Stddev	.9989	.0094	20.81	.4273	1.117	.8560
%RSD	139.5	11.14	88.24	212.2	65.52	494.6
#1	.0600	.0928	44.39	.2504	2.947	-.2755
#2	-1.843	.0868	23.60	-.5991	1.382	-.3654
#3	-.3651	.0743	2.768	-.2554	.7847	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	.2546	-.5893	-.2379	.2452	1.045	.3707
Stddev	2.698	.4553	.2183	.0305	.567	.3068
%RSD	1060.	77.25	91.76	12.46	54.27	82.77
#1	-1.976	-.1622	-.1521	.2649	1.646	.6535
#2	3.253	-1.068	-.0755	.2100	.5194	.4142
#3	-.5137	-.5375	-.4861	.2608	.9699	.0445

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 7/3/2011 20:26:06 Type: QC
Method: SW846062811(v4) 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	-.1489	.0678	1.930
Stddev	.5602	.0698	.731
%RSD	376.2	103.0	37.87

#1	-.2664	.1074	1.996
#2	-.6411	.1089	2.626
#3	.4607	-.0128	1.168

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	4251.0	52277.	9924.3
Stddev	5.2	95.	24.8
%RSD	.12149	.18173	.24990

#1	4252.3	52384.	9912.8
#2	4245.3	52203.	9907.4
#3	4255.4	52244.	9952.8

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1				Seq: 1		13:21:49	05 Jul 11	HG
Hg	.000	ppb	1716					
*** Standard: 2 Rep: 1				Seq: 2		13:23:36	05 Jul 11	HG
Hg	.100	ppb	4106					
*** Standard: 3 Rep: 1				Seq: 3		13:25:34	05 Jul 11	HG
Hg	1.00	ppb	38511					
*** Standard: 4 Rep: 1				Seq: 4		13:27:21	05 Jul 11	HG
Hg	2.00	ppb	76742					
*** Standard: 5 Rep: 1				Seq: 5		13:29:07	05 Jul 11	HG
Hg	5.00	ppb	192383					
*** Standard: 6 Rep: 1				Seq: 6		13:30:52	05 Jul 11	HG
Hg	10.0	ppb	378721					
*** Check Standard: 3 Ck3AICV				Seq: 7		13:33:03	05 Jul 11	HG
Line Flag %Rcv. Found True				Units		SD/RSD		
Hg		104.	5.18	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		13:34:46	05 Jul 11	HG
Line Flag Found Range(+/-) Units				SD/RSD				
Hg		.053	.200	ppb	.000			
*** Check Standard: 4 Ck4QCS				Seq: 9		13:36:53	05 Jul 11	HG
Line Flag %Rcv. Found True				Units		SD/RSD		
Hg		101.	5.03	5.00	ppb	.000		
*** Sample ID:				Seq: 10		13:38:39	05 Jul 11	HG
			mc l					
Hg	2.04	ppb	.000	2.04				
*** Sample ID:				Seq: 11		13:40:23	05 Jul 11	HG
			MB 460-78815/1-A					
Hg	.026	ppb	.000	.026				
*** Sample ID:				Seq: 12		13:42:07	05 Jul 11	HG
			LCS 460-78815/2-A					
Hg	1.02	ppb	.000	1.02				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 13		13:43:54	05 Jul 11	HG
			460-28327-D-1-A					
Hg	.013	ppb	.000	.013				

*** Sample ID: Seq: 14 13:45:53 05 Jul 11 HG
 460-28327-D-1-B DU
 Hg .068 ppb .000 .068
 *** Sample ID: Seq: 15 13:47:37 05 Jul 11 HG
 460-28327-D-1-C MS
 Hg 1.15 ppb .000 1.15
 *** Sample ID: Seq: 16 13:49:32 05 Jul 11 HG
 460-28327-D-2-A
 Hg .003 ppb .000 .003
 *** Sample ID: Seq: 17 13:51:42 05 Jul 11 HG
 460-28327-D-3-A
 Hg .016 ppb .000 .016
 *** Check Standard: 2 Ck2ACCV Seq: 18 13:53:46 05 Jul 11 HG
 Line Flag %Rcv. Found True Units SD/RSD
 Hg 108. 5.42 5.00 ppb .000
 *** Check Standard: 1 Ck1ICB/CCB Seq: 19 13:55:55 05 Jul 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg .002 .200 ppb .000
 *** Sample ID: Seq: 20 13:57:40 05 Jul 11 HG
 460-28327-D-4-A
 Hg .053 ppb .000 .053
 *** Sample ID: Seq: 21 13:59:36 05 Jul 11 HG
 460-28327-D-5-A
 Hg .005 ppb .000 .005
 *** Sample ID: Seq: 22 14:01:25 05 Jul 11 HG
 460-28107-N-1-A
 Hg .052 ppb .000 .052
 *** Sample ID: Seq: 23 14:03:11 05 Jul 11 HG
 460-28107-N-2-A
 Hg -.011 ppb .000 -.011
 *** Sample ID: Seq: 24 14:05:00 05 Jul 11 HG
 460-28107-N-3-A
 Hg .525 ppb .000 .525

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 25								
14:06:48								
05 Jul 11								
HG								
460-28107-N-4-A								
Hg -.037	ppb	.000						
*** Sample ID:								
Seq: 26								
14:08:52								
05 Jul 11								
HG								
sd 460-28327-D-1-A@5								
Hg -.026	ppb	.000						
*** Check Standard: 2 Ck2ACCV								
Seq: 27								
14:10:38								
05 Jul 11								
HG								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 106. 5.30 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Seq: 28								
14:12:23								
05 Jul 11								
HG								
Line Flag Found Range(+/-) Units SD/RSD								

***	Sample ID:			Seq: 29	14:14:26	05 Jul 11	HG
			MB 460-78819/1-A				
Hg	.060	ppb	.000	.060			
***	Sample ID:			Seq: 30	14:16:13	05 Jul 11	HG
			LCS 460-78819/2-A				
Hg	.948	ppb	.000	.948			
***	Sample ID:			Seq: 31	14:18:12	05 Jul 11	HG
			460-28186-A-3-A				
Hg	.125	ppb	.000	.125			
***	Sample ID:			Seq: 32	14:19:57	05 Jul 11	HG
			460-28186-A-3-B DU				
Hg	.076	ppb	.000	.076			
***	Sample ID:			Seq: 33	14:21:41	05 Jul 11	HG
			460-28186-A-3-C MS				
Hg	1.13	ppb	.000	1.13			
***	Sample ID:			Seq: 34	14:23:27	05 Jul 11	HG
			460-28031-D-1-A				
Hg	.035	ppb	.000	.035			
***	Sample ID:			Seq: 35	14:25:23	05 Jul 11	HG
			460-28139-I-1-A				
Hg	-.010	ppb	.000	-.010			
***	Sample ID:			Seq: 36	14:27:28	05 Jul 11	HG
			460-28033-H-2-A				
Hg	.022	ppb	.000	.022			

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*** Sample ID: Seq: 43 14:41:16 05 Jul 11 HG
 460-28262-K-1-A
 Hg .075 ppb .000 .075
 *** Sample ID: Seq: 44 14:43:12 05 Jul 11 HG
 460-28070-I-1-B
 Hg .017 ppb .000 .017
 *** Sample ID: Seq: 45 14:45:11 05 Jul 11 HG
 460-28075-I-1-A
 Hg .019 ppb .000 .019
 *** Sample ID: Seq: 46 14:46:58 05 Jul 11 HG
 460-28111-A-4-A
 Hg .121 ppb .000 .121
 *** Check Standard: 2 Ck2ACCV Seq: 47 14:48:44 05 Jul 11 HG
 Line Flag %Rcv. Found True Units SD/RSD
 Hg 106. 5.31 5.00 ppb .000
 *** Check Standard: 1 Ck1ICB/CCB Seq: 48 14:50:39 05 Jul 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg -.004 .200 ppb .000

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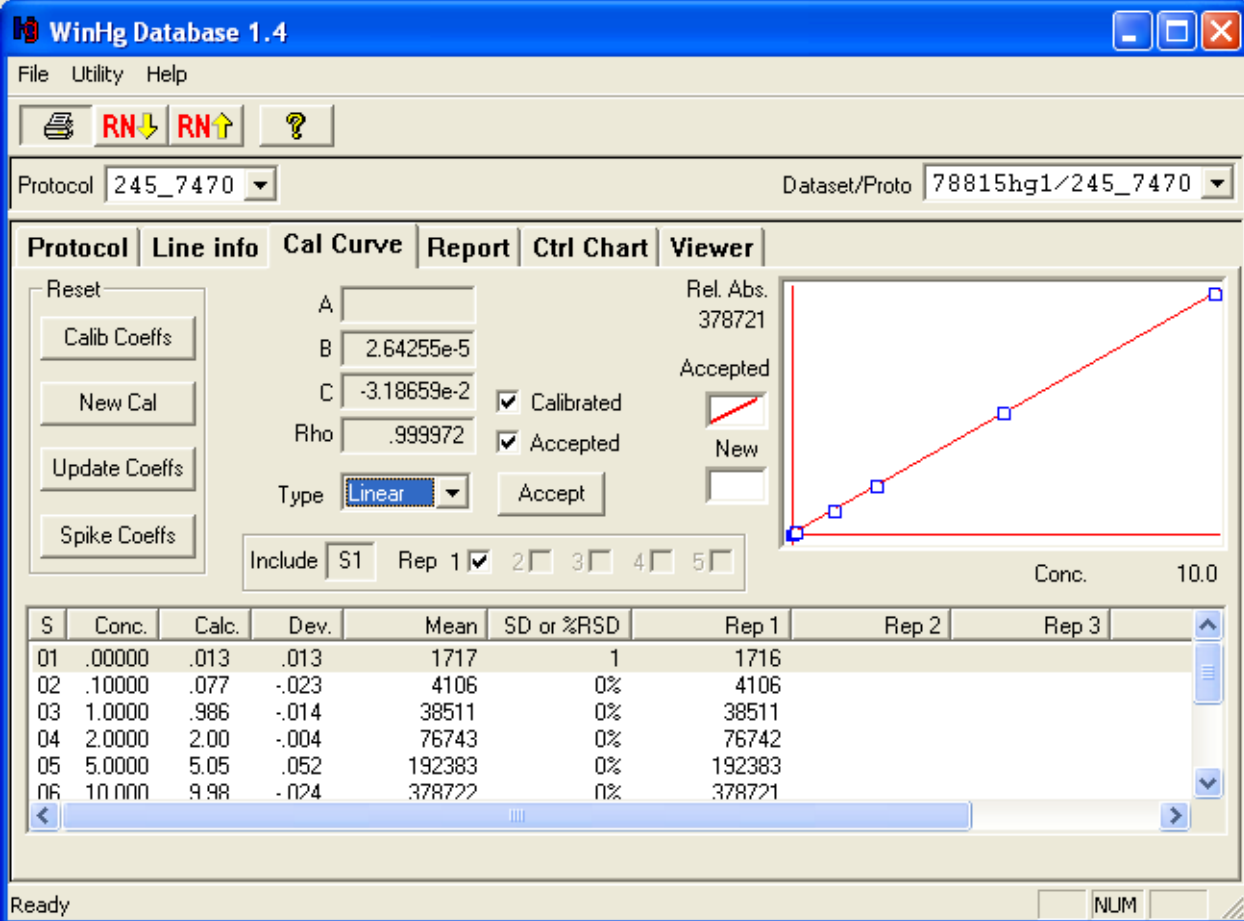
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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 49								
460-28232-D-4-C								
Hg .083 ppb	.000	.083						
*** Sample ID:								
Seq: 50								
460-28232-D-5-B								
Hg 1.72 ppb	.000	1.72						
*** Sample ID:								
Seq: 51								
460-28232-D-6-B								
Hg 1.47 ppb	.000	1.47						
*** Sample ID:								
Seq: 52								
460-28186-A-1-A								
Hg .141 ppb	.000	.141						
*** Sample ID:								
Seq: 53								
460-28186-A-2-A								
Hg .035 ppb	.000	.035						
*** Sample ID:								
Seq: 54								
460-28186-A-4-A								
Hg .269 ppb	.000	.269						
*** Sample ID:								
Seq: 55								
460-28186-A-5-A								
Hg .106 ppb	.000	.106						
*** Sample ID:								
Seq: 56								
460-28186-A-6-A								
Hg -.005 ppb	.000	-.005						
*** Sample ID:								
Seq: 57								
460-28186-A-3-A								
Hg .141 ppb	.000	.141						

Hg .064 ppb .000 .064

*** Check Standard: 2 Ck2ACCV Seq: 58 15:09:57 05 Jul 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 107. 5.33 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 59 15:11:43 05 Jul 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .025 .200 ppb .000



Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Standard:	1 Rep: 1		Seq: 1		13:21:49	05 Jul 11	HG
Hg	.000	ppb	1716					
		Bkgd 1	7721987					
***	Standard:	2 Rep: 1		Seq: 2		13:23:36	05 Jul 11	HG
Hg	.100	ppb	4106					
		Bkgd 1	7719461					
***	Standard:	3 Rep: 1		Seq: 3		13:25:34	05 Jul 11	HG
Hg	1.00	ppb	38511					
		Bkgd 1	7718245					
***	Standard:	4 Rep: 1		Seq: 4		13:27:21	05 Jul 11	HG
Hg	2.00	ppb	76742					
		Bkgd 1	7716562					
***	Standard:	5 Rep: 1		Seq: 5		13:29:07	05 Jul 11	HG
Hg	5.00	ppb	192383					
		Bkgd 1	7714860					
***	Standard:	6 Rep: 1		Seq: 6		13:30:52	05 Jul 11	HG
Hg	10.0	ppb	378721					
		Bkgd 1	7707057					
***	Check Standard:	3	Ck3AICV	Seq: 7		13:33:03	05 Jul 11	HG
Line	Flag		Intensities					
Hg			197198					
		Bkgd 1	7704723					
***	Check Standard:	1	Ck1ICB/CCB	Seq: 8		13:34:46	05 Jul 11	HG
Line	Flag		Intensities					
Hg			3214					
		Bkgd 1	7705596					
***	Check Standard:	4	Ck4QCS	Seq: 9		13:36:53	05 Jul 11	HG
Line	Flag		Intensities					
Hg			191676					
		Bkgd 1	7703255					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:			Seq: 10		13:38:39	05 Jul 11	HG
			mc l					
Hg	2.04	ppb	78235					
		Bkgd 1	7700877					
***	Sample ID:			Seq: 11		13:40:23	05 Jul 11	HG

Hg	.026	ppb	2174					
		Bkgd 1	7704415					
***	Sample ID:			Seq: 12	13:42:07	05 Jul 11	HG	
			LCS 460-78815/2-A					
Hg	1.02	ppb	39799					
		Bkgd 1	7705186					
***	Sample ID:			Seq: 13	13:43:54	05 Jul 11	HG	
			460-28327-D-1-A					
Hg	.013	ppb	1685					
		Bkgd 1	7705647					
***	Sample ID:			Seq: 14	13:45:53	05 Jul 11	HG	
			460-28327-D-1-B DU					
Hg	.068	ppb	3766					
		Bkgd 1	7703319					
***	Sample ID:			Seq: 15	13:47:37	05 Jul 11	HG	
			460-28327-D-1-C MS					
Hg	1.15	ppb	44577					
		Bkgd 1	7701109					
***	Sample ID:			Seq: 16	13:49:32	05 Jul 11	HG	
			460-28327-D-2-A					
Hg	.003	ppb	1323					
		Bkgd 1	7698320					
***	Sample ID:			Seq: 17	13:51:42	05 Jul 11	HG	
			460-28327-D-3-A					
Hg	.016	ppb	1796					
		Bkgd 1	7696790					
***	Check Standard: 2		Ck2ACCV	Seq: 18	13:53:46	05 Jul 11	HG	
Line	Flag		Intensities					
Hg			206486					
		Bkgd 1	7695878					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Check Standard: 1		Ck1ICB/CCB	Seq: 19	13:55:55	05 Jul 11	HG	
Line	Flag		Intensities					
Hg			1297					
		Bkgd 1	7694747					
***	Sample ID:			Seq: 20	13:57:40	05 Jul 11	HG	
			460-28327-D-4-A					
Hg	.053	ppb	3198					
		Bkgd 1	7695824					
***	Sample ID:			Seq: 21	13:59:36	05 Jul 11	HG	
			460-28327-D-5-A					
Hg	.005	ppb	1401					
		Bkgd 1	7695078					
***	Sample ID:			Seq: 22	14:01:25	05 Jul 11	HG	
			460-28107-N-1-A					
Hg	.052	ppb	3190					
		Bkgd 1	7695769					

*** Sample ID: Seq: 23 14:03:11 05 Jul 11 HG
 460-28107-N-2-A
 Hg -.011 ppb 797
 Bkgd 1 7693385

*** Sample ID: Seq: 24 14:05:00 05 Jul 11 HG
 460-28107-N-3-A
 Hg .525 ppb 21059
 Bkgd 1 7693422

*** Sample ID: Seq: 25 14:06:48 05 Jul 11 HG
 460-28107-N-4-A
 Hg -.037 ppb -189
 Bkgd 1 7692967

*** Sample ID: Seq: 26 14:08:52 05 Jul 11 HG
 sd 460-28327-D-1-A@5
 Hg -.026 ppb 222
 Bkgd 1 7696356

*** Check Standard: 2 Ck2ACCV Seq: 27 14:10:38 05 Jul 11 HG
 Line Flag Intensities
 Hg Bkgd 1 201621
 7698225

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 Protocol: 245_7470
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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 1	Ck1ICB/CCB	Seq: 28	14:12:23 05 Jul 11	HG				
Line Flag	Intensities							
Hg	265							
	Bkgd 1	7699279						
*** Sample ID:	Seq: 29	14:14:26 05 Jul 11	HG					
	MB 460-78819/1-A							
Hg	.060 ppb	3479						
	Bkgd 1	7698722						
*** Sample ID:	Seq: 30	14:16:13 05 Jul 11	HG					
	LCS 460-78819/2-A							
Hg	.948 ppb	37081						
	Bkgd 1	7694109						
*** Sample ID:	Seq: 31	14:18:12 05 Jul 11	HG					
	460-28186-A-3-A							
Hg	.125 ppb	5942						
	Bkgd 1	7694211						
*** Sample ID:	Seq: 32	14:19:57 05 Jul 11	HG					
	460-28186-A-3-B DU							
Hg	.076 ppb	4087						
	Bkgd 1	7693016						
*** Sample ID:	Seq: 33	14:21:41 05 Jul 11	HG					
	460-28186-A-3-C MS							
Hg	1.13 ppb	43831						
	Bkgd 1	7693107						
*** Sample ID:	Seq: 34	14:23:27 05 Jul 11	HG					
	460-28031-D-1-A							
Hg	.035 ppb	2524						

Bkgd 1 7692596

*** Sample ID: Seq: 35 14:25:23 05 Jul 11 HG
460-28139-I-1-A

Hg -.010 ppb 822
Bkgd 1 7692440

*** Sample ID: Seq: 36 14:27:28 05 Jul 11 HG
460-28033-H-2-A

Hg .022 ppb 2057
Bkgd 1 7692415

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 37 14:29:12 05 Jul 11 HG
Line Flag Intensities
Hg 202834
Bkgd 1 7691827

*** Check Standard: 1 Ck1ICB/CCB Seq: 38 14:30:56 05 Jul 11 HG
Line Flag Intensities
Hg -573
Bkgd 1 7689877

*** Sample ID: Seq: 39 14:33:15 05 Jul 11 HG
460-28033-H-4-A
Hg -.009 ppb 857
Bkgd 1 7691840

*** Sample ID: Seq: 40 14:34:59 05 Jul 11 HG
460-28034-D-1-A
Hg -.037 ppb -183
Bkgd 1 7690986

*** Sample ID: Seq: 41 14:36:56 05 Jul 11 HG
460-28036-D-1-B
Hg .017 ppb 1843
Bkgd 1 7695142

*** Sample ID: Seq: 42 14:39:27 05 Jul 11 HG
460-28069-A-5-B
Hg .013 ppb 1693
Bkgd 1 7699023

*** Sample ID: Seq: 43 14:41:16 05 Jul 11 HG
460-28262-K-1-A
Hg .075 ppb 4026
Bkgd 1 7699256

*** Sample ID: Seq: 44 14:43:12 05 Jul 11 HG
460-28070-I-1-B
Hg .017 ppb 1833
Bkgd 1 7695873

*** Sample ID: Seq: 45 14:45:11 05 Jul 11 HG
460-28075-I-1-A
Hg .019 ppb 1913
Bkgd 1 7694227

Protocol: 245_7470
 POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:			Seq:	46	14:46:58	05 Jul 11	HG
					460-28111-A-4-A			
Hg	.121	ppb	5772					
		Bkgd 1	7691922					
***	Check Standard: 2		Ck2ACCV	Seq:	47	14:48:44	05 Jul 11	HG
Line	Flag		Intensities					
Hg			202077					
		Bkgd 1	7691759					
***	Check Standard: 1		Ck1ICB/CCB	Seq:	48	14:50:39	05 Jul 11	HG
Line	Flag		Intensities					
Hg			1068					
		Bkgd 1	7691230					
***	Sample ID:			Seq:	49	14:52:23	05 Jul 11	HG
					460-28232-D-4-C			
Hg	.083	ppb	4337					
		Bkgd 1	7692060					
***	Sample ID:			Seq:	50	14:54:08	05 Jul 11	HG
					460-28232-D-5-B			
Hg	1.72	ppb	66188					
		Bkgd 1	7690720					
***	Sample ID:			Seq:	51	14:56:29	05 Jul 11	HG
					460-28232-D-6-B			
Hg	1.47	ppb	56655					
		Bkgd 1	7691022					
***	Sample ID:			Seq:	52	14:58:15	05 Jul 11	HG
					460-28186-A-1-A			
Hg	.141	ppb	6523					
		Bkgd 1	7690287					
***	Sample ID:			Seq:	53	15:00:03	05 Jul 11	HG
					460-28186-A-2-A			
Hg	.035	ppb	2548					
		Bkgd 1	7690595					
***	Sample ID:			Seq:	54	15:01:50	05 Jul 11	HG
					460-28186-A-4-A			
Hg	.269	ppb	11398					
		Bkgd 1	7691841					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:			Seq:	55	15:03:41	05 Jul 11	HG
					460-28186-A-5-A			
Hg	.106	ppb	5204					
		Bkgd 1	7695145					
***	Sample ID:			Seq:	56	15:05:57	05 Jul 11	HG
					460-28186-A-6-A			
Hg	-.005	ppb	1032					

Bkgd 1 7697236

*** Sample ID: Seq: 57 15:08:12 05 Jul 11 HG
sd 460-28186-A-3-A@5

Hg .064 ppb 3636
Bkgd 1 7695468

*** Check Standard: 2 Ck2ACCV Seq: 58 15:09:57 05 Jul 11 HG
Line Flag Intensities
Hg 202997
Bkgd 1 7694620

*** Check Standard: 1 Ck1ICB/CCB Seq: 59 15:11:43 05 Jul 11 HG
Line Flag Intensities
Hg 2155
Bkgd 1 7692496

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		21:05:24	05 Jul 11	HG
Hg	.000	ppb	-55					
*** Standard: 2 Rep: 1				Seq: 2		21:07:17	05 Jul 11	HG
Hg	.100	ppb	430					
*** Standard: 3 Rep: 1				Seq: 3		21:09:46	05 Jul 11	HG
Hg	1.00	ppb	2912					
*** Standard: 4 Rep: 1				Seq: 4		21:12:02	05 Jul 11	HG
Hg	2.00	ppb	5465					
*** Standard: 5 Rep: 1				Seq: 5		21:13:48	05 Jul 11	HG
Hg	5.00	ppb	13663					
*** Standard: 6 Rep: 1				Seq: 6		21:15:46	05 Jul 11	HG
Hg	10.0	ppb	27155					
*** Check Standard: 3 Ck3AICV				Seq: 7		21:18:23	05 Jul 11	HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg		101.	5.03	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		21:20:59	05 Jul 11	HG
Line Flag Found Range(+/-) Units SD/RSD								
Hg		-.098	.200	ppb		.000		
*** Sample ID:				Seq: 9		21:22:48	05 Jul 11	HG
			mb 460-78857/10-a					
Hg	.010	ppb	.000	.010				

*** Sample ID: lcssrm 460				Seq: 10		21:24:52	05 Jul 11	HG
			-78857/11-a@10					
Hg	5.31	ppb	.000	5.31				

*** Sample ID:				Seq: 11		21:26:47	05 Jul 11	HG
			460-28310-c-6-d					
Hg	-.038	ppb	.000	-.038				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 12		21:28:33	05 Jul 11	HG
			460-28310-c-6-e du					
Hg	.054	ppb	.000	.054				
*** Sample ID:				Seq: 13		21:30:40	05 Jul 11	HG
			460-28310-c-6-f ms					

*** Check Standard: 1 Ck1ICB/CCB Seq: 28 22:00:37 05 Jul 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.058 .200 ppb .000

*** Sample ID: Seq: 29 22:02:32 05 Jul 11 HG
460-28310-c-9-e
Hg .045 ppb .000 .045

*** Sample ID: Seq: 30 22:04:36 05 Jul 11 HG
460-28310-c-10-d
Hg .133 ppb .000 .133

*** Sample ID: Seq: 31 22:06:22 05 Jul 11 HG
460-28324-e-1-e
Hg .219 ppb .000 .219

*** Sample ID: Seq: 32 22:08:27 05 Jul 11 HG
460-28327-b-6-c
Hg 2.03 ppb .000 2.03

*** Sample ID: Seq: 33 22:10:17 05 Jul 11 HG
460-28327-b-7-c
Hg .205 ppb .000 .205

*** Sample ID: Seq: 34 22:12:25 05 Jul 11 HG
460-28327-b-8-c
Hg .073 ppb .000 .073

*** Sample ID: Seq: 35 22:14:09 05 Jul 11 HG
460-28327-b-9-c
Hg .106 ppb .000 .106

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 36 22:16:14 05 Jul 11 HG
460-28327-b-10-c
Hg .258 ppb .000 .258

*** Sample ID: Seq: 37 22:18:00 05 Jul 11 HG
SD 460-28310-c-6-d@5
Hg .111 ppb .000 .111

*** Sample ID: Seq: 38 22:19:47 05 Jul 11 HG
SD 460-28310-c-6-d@5
Hg -.034 ppb .000 -.034

*** Check Standard: 2 Ck2ACCV Seq: 39 22:21:51 05 Jul 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 113. 5.64 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 22:23:34 05 Jul 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.038 .200 ppb .000

*** Sample ID: Seq: 41 22:25:33 05 Jul 11 HG
mb 460-78858/10-a
Hg .004 ppb .000 .004

Hg 5.50 ppb .000 5.50 -78858/11-a@10

*** Sample ID: Seq: 43 22:30:42 05 Jul 11 HG

Hg -.054 ppb .000 -.054 460-28374-c-1-d

*** Sample ID: Seq: 44 22:32:27 05 Jul 11 HG

Hg -.138 ppb .000 -.138 460-28374-c-1-e du

*** Sample ID: Seq: 45 22:34:11 05 Jul 11 HG

Hg .938 ppb .000 .938 460-28374-c-1-f ms

*** Sample ID: Seq: 46 22:36:13 05 Jul 11 HG

Hg .021 ppb .000 .021 460-28374-c-1-e du

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Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 47 22:38:41 05 Jul 11 HG

Hg .221 ppb .000 .221 460-28326-b-1-b

*** Sample ID: Seq: 48 22:40:26 05 Jul 11 HG

Hg 3.48 ppb .000 3.48 460-28339-a-1-e

*** Sample ID: Seq: 49 22:42:43 05 Jul 11 HG

Hg .494 ppb .000 .494 460-28003-f-5-j

*** Check Standard: 2 Ck2ACCV Seq: 50 22:44:38 05 Jul 11 HG

Line Flag %Rcv. Found True Units SD/RSD
Hg 114. 5.68 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 22:46:53 05 Jul 11 HG

Line Flag Found Range(+/-) Units SD/RSD
Hg -.141 .200 ppb .000

*** Sample ID: Seq: 52 22:49:18 05 Jul 11 HG

Hg -.051 ppb .000 -.051 200-5825-f-5-d

*** Sample ID: Seq: 53 22:51:26 05 Jul 11 HG

Hg .164 ppb .000 .164 200-5825-f-6-b

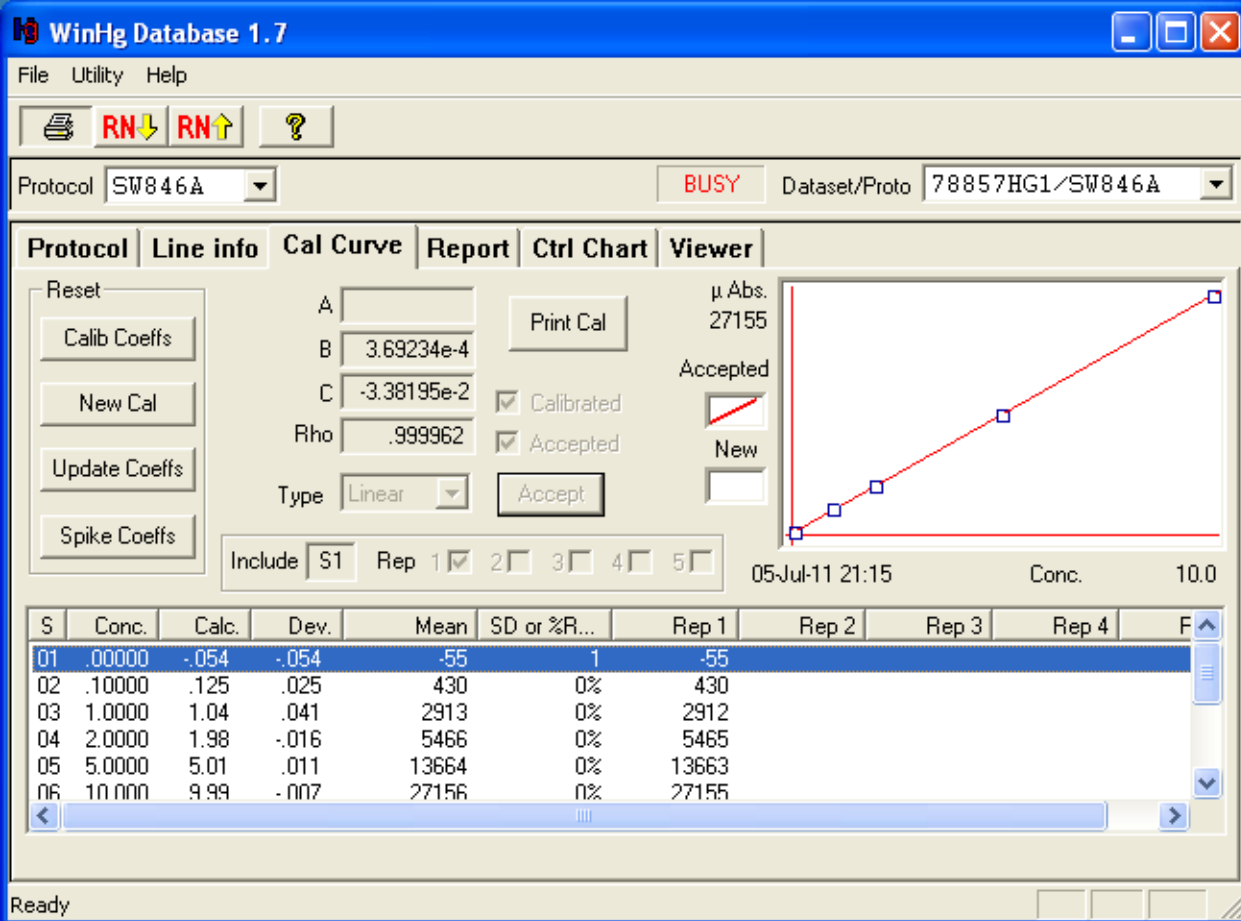
*** Sample ID: Seq: 54 22:53:24 05 Jul 11 HG

Hg .007 ppb .000 .007 200-5825-f-7-b

*** Sample ID: Seq: 55 22:55:24 05 Jul 11 HG

Hg -.102 ppb .000 -.102 200-5825-f-8-b

*** Sample ID: Seq: 56 22:57:09 05 Jul 11 HG



Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		21:05:24	05 Jul 11	HG	
Hg .000	ppb	-55							=
*** Standard: 2 Rep: 1				Seq: 2		21:07:17	05 Jul 11	HG	
Hg .100	ppb	430							=
*** Standard: 3 Rep: 1				Seq: 3		21:09:46	05 Jul 11	HG	
Hg 1.00	ppb	2912							=
*** Standard: 4 Rep: 1				Seq: 4		21:12:02	05 Jul 11	HG	
Hg 2.00	ppb	5465							=
*** Standard: 5 Rep: 1				Seq: 5		21:13:48	05 Jul 11	HG	
Hg 5.00	ppb	13663							=
*** Standard: 6 Rep: 1				Seq: 6		21:15:46	05 Jul 11	HG	
Hg 10.0	ppb	27155							=
*** Check Standard: 3				Seq: 7		21:18:23	05 Jul 11	HG	
Line Flag		Ck3AICV							=
Hg		Intensities							
		13714							=
*** Check Standard: 1				Seq: 8		21:20:59	05 Jul 11	HG	
Line Flag		Ck1ICB/CCB							=
Hg		Intensities							
		-173							=
*** Sample ID:				Seq: 9		21:22:48	05 Jul 11	HG	
									=
Hg .010	ppb	118							
		mb 460-78857/10-a							=
*** Sample ID: lcssrm 460				Seq: 10		21:24:52	05 Jul 11	HG	
									=
Hg 5.31	ppb	14460							
		-78857/11-a@10							=
*** Sample ID:				Seq: 11		21:26:47	05 Jul 11	HG	
									=
Hg -.038	ppb	-12							
		460-28310-c-6-d							=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 12		21:28:33	05 Jul 11	HG	
									=
Hg .054	ppb	239							
		460-28310-c-6-e du							=
*** Sample ID:				Seq: 13		21:30:40	05 Jul 11	HG	
									=


```
*** Check Standard: 1  Ck1ICB/CCB  Seq: 28  22:00:37 05 Jul 11  HG
Line  Flag              Intensities
Hq    -65
```

*** Sample ID: 460-28310-c-9-e Seq: 29 22:02:32 05 Jul 11 HG
Hg .045 ppb 214

```
*** Sample ID:                               Seq: 30      22:04:36 05 Jul 11  HG
                                           460-28310-c-10-d
Hg      .133      ppb      452
```

```
*** Sample ID:                               Seq: 31      22:06:22 05 Jul 11   HG
                                           460-28324-e-1-e
Hg      .219      ppb      685
```

```
*** Sample ID:                               Seq: 32      22:08:27 05 Jul 11  HG
                                           460-28327-b-6-c
Hq      2.03      ppb      5583
```

*** Sample ID: 460-28327-b-7-c Seq: 33 22:10:17 05 Jul 11 HG
Hq .205 ppb 648

```

*** Sample ID:                               Seq: 34      22:12:25 05 Jul 11   HG
                                           460-28327-b-8-c
Hg      .073      ppb      290

```

```
*** Sample ID:                               Seq: 35      22:14:09 05 Jul 11   HG
                                           460-28327-b-9-c
Hq      .106      ppb      378
```

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 460-28327-b-10-c Seq: 36 22:16:14 05 Jul 11 HG
Hg .258 ppb 789

*** Sample ID: Seq: 37 22:18:00 05 Jul 11 HG
SD 460-28310-c-6-d@5
Hq .111 ppb 393

```
*** Sample ID:                               Seq: 38      22:19:47 05 Jul 11   HG
                                           SD 460-28310-c-6-d@5
Hg      -.034      ppb      0
```

```

*** Check Standard: 2   Ck2ACCV           Seq: 39           22:21:51 05 Jul 11   HG
Line  Flag              Intensities
Hq              15357

```

```

*** Check Standard: 1   Ck1ICB/CCB   Seq: 40   22:23:34 05 Jul 11   HG
Line  Flag
Hg    Intensities
      -11

```

```

*** Sample ID:                               Seq: 41      22:25:33 05 Jul 11   HG
                                           mb 460-78858/10-a
Hg      .004      ppb      102

```

Hg 5.50 ppb -78858/11-a@10 14987

*** Sample ID: Seq: 43 22:30:42 05 Jul 11 HG
460-28374-c-1-d

Hg -.054 ppb -56

*** Sample ID: Seq: 44 22:32:27 05 Jul 11 HG
460-28374-c-1-e du

Hg -.138 ppb -283

*** Sample ID: Seq: 45 22:34:11 05 Jul 11 HG
460-28374-c-1-f ms

Hg .938 ppb 2631

*** Sample ID: Seq: 46 22:36:13 05 Jul 11 HG
460-28374-c-1-e du

Hg .021 ppb 148

Folder: 78857HG1
Protocol: SW846A
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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 22:38:41 05 Jul 11 HG
460-28326-b-1-b

Hg .221 ppb 691

*** Sample ID: Seq: 48 22:40:26 05 Jul 11 HG
460-28339-a-1-e

Hg 3.48 ppb 9520

*** Sample ID: Seq: 49 22:42:43 05 Jul 11 HG
460-28003-f-5-j

Hg .494 ppb 1429

*** Check Standard: 2 Ck2ACCV Seq: 50 22:44:38 05 Jul 11 HG
Line Flag Intensities
Hg 15481

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 22:46:53 05 Jul 11 HG
Line Flag Intensities
Hg -289

*** Sample ID: Seq: 52 22:49:18 05 Jul 11 HG
200-5825-f-5-d

Hg -.051 ppb -46

*** Sample ID: Seq: 53 22:51:26 05 Jul 11 HG
200-5825-f-6-b

Hg .164 ppb 536

*** Sample ID: Seq: 54 22:53:24 05 Jul 11 HG
200-5825-f-7-b

Hg .007 ppb 110

*** Sample ID: Seq: 55 22:55:24 05 Jul 11 HG
200-5825-f-8-b

Hg -.102 ppb -184

*** Sample ID: Seq: 56 22:57:09 05 Jul 11 HG
200-5825-f-8-b

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 78703 Batch Start Date: 07/01/11 17:45 Batch Analyst: Staib, ThomasBatch Method: 3050B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00025	ME_LCSS_62 00006		
MB 460-78703/1		3050B, 6010B		1.00 g	50 mL				
LCSSRM 460-78703/2		3050B, 6010B		1.01 g	50 mL		1 g		
460-28327-B-6	SP-4-SOLID	3050B, 6010B	T	1.01 g	50 mL				
460-28327-B-7	SP-3-SOLID	3050B, 6010B	T	1.05 g	50 mL				
460-28327-B-8	SP-2-SOLID	3050B, 6010B	T	1.04 g	50 mL				
460-28327-B-9	SP-1-SOLID	3050B, 6010B	T	1.10 g	50 mL				
460-28327-B-10	DUPE-SOLID	3050B, 6010B	T	1.08 g	50 mL				
460-28102-E-1 DU		3050B, 6010B	T	1.02 g	50 mL				
460-28102-E-1 MS		3050B, 6010B	T	1.02 g	50 mL	2 mL			

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	J38J03
Lot # of hydrochloric acid	J49032
Lot # of Nitric Acid	J50063
Temperature	95 Degrees C

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 79125 Batch Start Date: 07/07/11 18:00 Batch Analyst: Staib, ThomasBatch Method: 3010A Batch End Date: 07/07/11 22:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00025			
MB 460-79125/1		3010A, 6010B		100 mL	100 mL				
LCS 460-79125/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-28327-D-1	SP-4-WATER	3010A, 6010B	T	100 mL	100 mL				
460-28327-D-1 DU	SP-4-WATER	3010A, 6010B	T	100 mL	100 mL				
460-28327-D-1 MS	SP-4-WATER	3010A, 6010B	T	100 mL	100 mL	2 mL			
460-28327-D-2	SP-3-WATER	3010A, 6010B	T	100 mL	100 mL				
460-28327-D-3	SP-2-WATER	3010A, 6010B	T	100 mL	100 mL				
460-28327-D-4	SP-1-WATER	3010A, 6010B	T	100 mL	100 mL				
460-28327-D-5	DUPE-WATER	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
First End time	10:00 PM
Lot # of hydrochloric acid	1:1 HCL- MPR178
Lot # of Nitric Acid	K07051
Hot Block ID number	#6
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	#25
First Start time	6:00 PM
ID number of the thermometer	ICP-2
Digestion Tube/Cup Lot #	1012120

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 78815 Batch Start Date: 07/05/11 11:56 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date: 07/05/11 13:56

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00575			
MB 460-78815/1		7470A, 7470A		30 mL	30 mL				
LCS 460-78815/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-28327-D-1	SP-4-WATER	7470A, 7470A	T	30 mL	30 mL				
460-28327-D-1 DU	SP-4-WATER	7470A, 7470A	T	30 mL	30 mL				
460-28327-D-1 MS	SP-4-WATER	7470A, 7470A	T	30 mL	30 mL	0.3 mL			
460-28327-D-2	SP-3-WATER	7470A, 7470A	T	30 mL	30 mL				
460-28327-D-3	SP-2-WATER	7470A, 7470A	T	30 mL	30 mL				
460-28327-D-4	SP-1-WATER	7470A, 7470A	T	30 mL	30 mL				
460-28327-D-5	DUPE-WATER	7470A, 7470A	T	30 mL	30 mL				
ICV 460-78815/20		7470A, 7470A		100 mL	100 mL	5 mL			
CCV 460-78815/22		7470A, 7470A		100 mL	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	j52473
Sulfuric Acid Lot Number	j25034
Lot # of hydrochloric acid	j43036
Lot # of Nitric Acid	k07051
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	05518hh
Potassium Permanganate Lot Number	mkb0217v
NaCL Lot #	j15605
Oven, Bath or Block Temperature 1	95 Celsius
Stannous Chloride Lot Number	k03610

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 78857 Batch Start Date: 07/05/11 18:00 Batch Analyst: Staib, ThomasBatch Method: 7471A Batch End Date: 07/05/11 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00575	ME_DQCS-INT 00269	ME_LCSS_62 00011	
ICV 460-78857/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-78857/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-78857/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-78857/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-28310-C-6 DU		7471A, 7471A	T	0.60 g	100 mL				
460-28310-C-6 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-28327-B-6	SP-4-SOLID	7471A, 7471A	T	0.66 g	100 mL				
460-28327-B-7	SP-3-SOLID	7471A, 7471A	T	0.67 g	100 mL				
460-28327-B-8	SP-2-SOLID	7471A, 7471A	T	0.64 g	100 mL				
460-28327-B-9	SP-1-SOLID	7471A, 7471A	T	0.60 g	100 mL				
460-28327-B-10	DUPE-SOLID	7471A, 7471A	T	0.65 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	J52473
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Blank Soil Lot Number	D062-540
Lot # of hydrochloric acid	HgR01346
Lot # of Nitric Acid	K07051
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01345
NaCL Lot #	J15605
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01349
ID number of the thermometer	Prep-1

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-28327-1

SDG No.: _____

Project: Pfizer (Wyeth) Pearl River

Client Sample ID	Lab Sample ID
<u>SP-4-SOLID</u>	<u>460-28327-6</u>
<u>SP-3-SOLID</u>	<u>460-28327-7</u>
<u>SP-2-SOLID</u>	<u>460-28327-8</u>
<u>SP-1-SOLID</u>	<u>460-28327-9</u>
<u>DUPE-SOLID</u>	<u>460-28327-10</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-28327-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-28327-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/01/2011 14:07 End Date: 07/01/2011 22:37

Lab Sample ID	D / F	T y p e	Time	Analytes															
				% S o l	M o i s t														
ZZZZZZ			14:07																
ZZZZZZ			14:07																
ZZZZZZ			14:07																
ZZZZZZ			14:07																
ZZZZZZ			14:07																
ZZZZZZ			14:07																
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ZZZZZZ			14:07																
ZZZZZZ			14:07																
ZZZZZZ			14:07																
ZZZZZZ			14:07																
460-28314-A-2 DU	1	T	16:34	X	X														
ZZZZZZ			16:34																
ZZZZZZ			16:34																
ZZZZZZ			16:34																
ZZZZZZ			16:34																
ZZZZZZ			16:34																
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ZZZZZZ			16:34																
ZZZZZZ			16:34																
ZZZZZZ			16:34																
460-28327-6	1	T	16:34	X	X														
460-28327-7	1	T	16:34	X	X														
460-28327-8	1	T	16:34	X	X														
460-28327-9	1	T	16:34	X	X														
460-28327-10	1	T	16:34	X	X														
ZZZZZZ			16:34																
ZZZZZZ			16:42																
ZZZZZZ			16:42																

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/01/2011 14:07 End Date: 07/01/2011 22:37

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/01/2011 14:07 End Date: 07/01/2011 22:37

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/01/2011 14:07 End Date: 07/01/2011 22:37

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/01/2011 14:07 End Date: 07/01/2011 22:37

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
ZZZZZZ			22:37																		
ZZZZZZ			22:37																		
ZZZZZZ			22:37																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-28327-1

SDG No.: _____

Batch Number: 78676 Batch Start Date: 07/01/11 14:07 Batch Analyst: Retana, CamilleBatch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-28314-A-2 DU		Moisture	T	175	1.01 g	9.63 g	8.05 g		
460-28327-B-6	SP-4-SOLID	Moisture	T	189	1.01 g	7.29 g	4.24 g		
460-28327-B-7	SP-3-SOLID	Moisture	T	190	1.02 g	6.42 g	5.28 g		
460-28327-B-8	SP-2-SOLID	Moisture	T	191	1.01 g	6.24 g	4.89 g		
460-28327-B-9	SP-1-SOLID	Moisture	T	192	1.03 g	7.38 g	5.59 g		
460-28327-B-10	DUPE-SOLID	Moisture	T	193	0.99 g	7.21 g	6.35 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	7/1/11
Oven Temp when samples are put in oven	Oven 1 104, Oven 2 103 Degrees C
Time samples were place in the oven	19:30
Date samples were removed from oven	7/2/11
Oven Temp when samples removed from oven	oven 1 103, oven 2 104 Degrees C
Time Samples were removed from oven	11:30
Oven ID	Oven 1, Oven 2
ID number of the thermometer	Oven 1 1895, Oven 2 1840

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Dennis Scannell		Samplers Name (Printed) W. Dunne		Site/Project Identification P. L. Zee (Wye) Pearl River	
Company HydroQual		P.O. #		State (Location of site): NJ: ☐ NY: ☒ Other:	
Address 1200 MacArthur Blvd		Analysis Turnaround Time Standard ☐ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☒ 5 DAY		Regulatory Program:	
City Mahwah NJ 07430		No. of Matrix Cont.		LAB USE ONLY Project No: 7948	
Phone 201 529 5151		Time		Job No: 28337	
Sample Identification		Date		Sample Numbers	
SP-4	6/30/11	50	8	1	
SP-3	6/30/11	50	8	2	
SP-2	6/30/11	50	8	3	
SP-1	6/30/11	50	8	4	
Dupe	6/30/11	50	8	5	
SP-4 Solid	6/30/11	1100			
SP-3 Solid	↓	930			
SP-2 - Solid	↓	1415			
SP-1 - Solid		1315			
Dupe - Solid		-			

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH
6 = Other, 7 = Other

Special Instructions containers 6 water 2 sediment		Water Metals Filtered (Yes/No)?	
Relinquished by HydroQual	Company HydroQual	Date/Time 6/30/11 1700	Received by 1) Ste 2 L. Company TestAmerica
Relinquished by 2) Ste 2 L.	Company TestAmerica	Date/Time 7/1/11 1253	Received by 2) MAAO Company
Relinquished by	Company	Date/Time	Received by 3) Company
Relinquished by	Company	Date/Time	Received by 4) 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 (0408)

-0.1°C H₂O

Job No. 28327

page of

Ammonia (pH<2)	COD (pH<2)
0.00	0.00
0.01	0.01
0.02	0.02
0.03	0.03
0.04	0.04
0.05	0.05
0.06	0.06
0.07	0.07
0.08	0.08
0.09	0.09
0.10	0.10
0.11	0.11
0.12	0.12
0.13	0.13
0.14	0.14
0.15	0.15
0.16	0.16
0.17	0.17
0.18	0.18
0.19	0.19
0.20	0.20
0.21	0.21
0.22	0.22
0.23	0.23
0.24	0.24
0.25	0.25
0.26	0.26
0.27	0.27
0.28	0.28
0.29	0.29
0.30	0.30
0.31	0.31
0.32	0.32
0.33	0.33
0.34	0.34
0.35	0.35
0.36	0.36
0.37	0.37
0.38	0.38
0.39	0.39
0.40	0.40
0.41	0.41
0.42	0.42
0.43	0.43
0.44	0.44
0.45	0.45
0.46	0.46
0.47	0.47
0.48	0.48
0.49	0.49
0.50	0.50
0.51	0.51
0.52	0.52
0.53	0.53
0.54	0.54
0.55	0.55
0.56	0.56
0.57	0.57
0.58	0.58
0.59	0.59
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0.61	0.61
0.62	0.62
0.63	0.63
0.64	0.64
0.65	0.65
0.66	0.66
0.67	0.67
0.68	0.68
0.69	0.69
0.70	0.70
0.71	0.71
0.72	0.72
0.73	0.73
0.74	0.74
0.75	0.75
0.76	0.76
0.77	0.77
0.78	0.78
0.79	0.79
0.80	0.80
0.81	0.81
0.82	0.82
0.83	0.83
0.84	0.84
0.85	0.85
0.86	0.86
0.87	0.87
0.88	0.88
0.89	0.89
0.90	0.90
0.91	0.91
0.92	0.92
0.93	0.93
0.94	0.94
0.95	0.95
0.96	0.96
0.97	0.97
0.98	0.98
0.99	0.99
1.00	1.00

Metals
(pH<2)

Nitrate
Nitrite
(pH<2)

O & G
(pH<2)

Pea1
pH 5-9}

PHC
(pH<2)

Phenols
(pH<2)

Sulfide
{pH>9}

TKN

TOC
($\mu\text{H} < 2$)

Total
Cyanide
/mHs17v

**Total
Phos**

Other

5-462

7111

12

Don

Login Sample Receipt Checklist

Client: HydroQual, Inc.

Job Number: 460-28327-1

Login Number: 28327

List Source: TestAmerica Edison

List Number: 1

Creator: Smith, Anthony G

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.	N/A	NOT RECEIVED
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	4.1 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.	N/A	
Residual Chlorine Checked.	N/A	