TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-45509-1

Job Description: McKesson Former Bear Street Facility

For:
ARCADIS U.S. Inc
6723 Towpath Road
PO BOX 66
Syracuse, NY 13214

Attention: Ms. Dawn Penniman

Approved for release.
Janet Mosley
Project Mgmt. Assistant
10/18/2012 10:54 AM

Designee for
Grace Chang
Project Manager I
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10/18/2012

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CASE NARRATIVE

Client: ARCADIS U.S. Inc

Project: McKesson Former Bear Street Facility

Report Number: 460-45509-1

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 10/5/2012 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.0º C, 3.0º C and 4.0º 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.

ORGANICS BY DIRECT AQUEOUS INJECTION

Samples 460-45509-4 and 460-45509-8 through 460-45509-10 were analyzed for organics by direct aqueous injection in accordance with EPA SW-846 Method 8015B - DAI. The samples were analyzed on 10/10/2012.

No difficulties were encountered during the DAI analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-45509-1 through 460-45509-10 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/10/2012.

Acetone was detected in method blank MB 460-131290/4 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 131290 were outside control limits for Acetone and Benzene. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-45509-2 through 460-45509-10 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/09/2012 and analyzed on 10/10/2012.

No difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-45509-1	TRIP BLANK 100412	Water	10/04/2012 0000	10/05/2012 0930
460-45509-2	BD-01-100412	Water	10/04/2012 0830	10/05/2012 0930
460-45509-3	MW-30	Water	10/04/2012 0935	10/05/2012 0930
460-45509-4	MW-28	Water	10/04/2012 1100	10/05/2012 0930
460-45509-5	MW-8SR	Water	10/04/2012 1335	10/05/2012 0930
460-45509-6	MW-3S	Water	10/04/2012 1000	10/05/2012 0930
460-45509-7	MW-27	Water	10/04/2012 1150	10/05/2012 0930
460-45509-8	MW-35	Water	10/04/2012 1405	10/05/2012 0930
460-45509-8MS	MW-35	Water	10/04/2012 1405	10/05/2012 0930
460-45509-8MSD	MW-35	Water	10/04/2012 1405	10/05/2012 0930
460-45509-9	MW-34	Water	10/04/2012 1545	10/05/2012 0930
460-45509-10	TW-01	Water	10/04/2012 1640	10/05/2012 0930

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S. Inc Job Number: 460-45509-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-45509-2	**BD-01-100412**					
Benzene		0.70	J	1.0	ug/L	8260B
Toluene		0.39	J	1.0	ug/L	8260B
Ethylbenzene		0.14	J	1.0	ug/L	8260B
Xylenes, Total		1.2	J	3.0	ug/L	8260B
n,n'-Dimethylaniline		2.7		1.0	ug/L	8270C
460-45509-3	**MW-30**					
Benzene		0.099	J	1.0	ug/L	8260B
460-45509-4	**MW-28**					
Benzene		1.9		1.0	ug/L	8260B
Toluene		0.16	J	1.0	ug/L	8260B
n,n'-Dimethylaniline		0.62	J	1.0	ug/L	8270C
460-45509-5	**MW-8SR**					
Benzene		0.69	J	1.0	ug/L	8260B
Toluene		0.36	J	1.0	ug/L	8260B
Ethylbenzene		0.16	J	1.0	ug/L	8260B
Xylenes, Total		1.4	J	3.0	ug/L	8260B
n,n'-Dimethylaniline		2.3		1.1	ug/L	8270C
460-45509-6	**MW-3S**					
Benzene		0.27	J	1.0	ug/L	8260B
n,n'-Dimethylaniline		0.61	J	1.0	ug/L	8270C
460-45509-7	**MW-27**					
Benzene		1.1		1.0	ug/L	8260B
Toluene		0.22	J	1.0	ug/L	8260B
n,n'-Dimethylaniline		2.2		1.0	ug/L	8270C
460-45509-8	**MW-35**					
Acetone		36	B	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-45509-9	**MW-34**					
Acetone		61		10	ug/L	8260B
Benzene		1.6		1.0	ug/L	8260B
Toluene		0.78	J	1.0	ug/L	8260B
Xylenes, Total		2.2	J	3.0	ug/L	8260B
n,n'-Dimethylaniline		2.7		1.0	ug/L	8270C
460-45509-10	**TW-01**					
n,n'-Dimethylaniline		1.9		1.0	ug/L	8270C

METHOD SUMMARY

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Description	Lab Location	Method	Preparation Method
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
Nonhalogenated Organic Compounds - Direct Injection (GC)	TAL BUF	SW846 8015B	

Lab References:

TAL BUF = TestAmerica Buffalo

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Crocco, Michael	MC
SW846 8015B	Dudziak, Jeff A	JAD

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **TRIP BLANK 100412**

Lab Sample ID: 460-45509-1 | Date Sampled: 10/04/2012 0000
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47452.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0240			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0240				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.080	U	0.080	1.0
Toluene	0.15	U	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **BD-01-100412**

Lab Sample ID: 460-45509-2 | Date Sampled: 10/04/2012 0830
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47453.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0302			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.70	J	0.080	1.0
Toluene	0.39	J	0.15	1.0
Ethylbenzene	0.14	J	0.10	1.0
Xylenes, Total	1.2	J	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Bromofluorobenzene	101		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-30**

Lab Sample ID: 460-45509-3 | Date Sampled: 10/04/2012 0935
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47454.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0324			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.099	J	0.080	1.0
Toluene	0.15	U	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-28**

Lab Sample ID: 460-45509-4 | Date Sampled: 10/04/2012 1100
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47455.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0346			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	1.9		0.080	1.0
Toluene	0.16	J	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-8SR**

Lab Sample ID: 460-45509-5 | Date Sampled: 10/04/2012 1335
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47456.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0408			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0408				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.69	J	0.080	1.0
Toluene	0.36	J	0.15	1.0
Ethylbenzene	0.16	J	0.10	1.0
Xylenes, Total	1.4	J	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-3S**

Lab Sample ID: 460-45509-6 | Date Sampled: 10/04/2012 1000
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47457.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0430			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0430				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.27	J	0.080	1.0
Toluene	0.15	U	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Bromofluorobenzene	101		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-27**

Lab Sample ID: 460-45509-7 | Date Sampled: 10/04/2012 1150
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131374	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47465.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0825			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0825				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	1.1		0.080	1.0
Toluene	0.22	J	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Bromofluorobenzene	106		70 - 130
Toluene-d8 (Surr)	110		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-35**

Lab Sample ID: 460-45509-8 | Date Sampled: 10/04/2012 1405
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47445.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0005			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	36	B	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.080	U	0.080	1.0
Toluene	0.15	U	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Bromofluorobenzene	101		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-34**

Lab Sample ID: 460-45509-9 | Date Sampled: 10/04/2012 1545
Client Matrix: Water | Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131374	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47466.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0847			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0847				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	61		2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	1.6		0.080	1.0
Toluene	0.78	J	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	2.2	J	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Bromofluorobenzene	103		70 - 130
Toluene-d8 (Surr)	108		70 - 130

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **TW-01**

Lab Sample ID: 460-45509-10
Client Matrix: Water

Date Sampled: 10/04/2012 1640
Date Received: 10/05/2012 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-131374	Instrument ID:	VOAMS2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	b47467.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0910			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0910				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.080	U	0.080	1.0
Toluene	0.15	U	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **BD-01-100412**

Lab Sample ID: 460-45509-2
Client Matrix: Water

Date Sampled: 10/04/2012 0830
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30885.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 1837			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.8	U	1.8	5.0
n,n'-Dimethylaniline	2.7		0.21	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		53 - 108
2-Fluorophenol	39		10 - 65
Nitrobenzene-d5	88		56 - 112
Phenol-d5	22		10 - 48
Terphenyl-d14	82		50 - 122
2,4,6-Tribromophenol	75		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-30**

Lab Sample ID: 460-45509-3
Client Matrix: Water

Date Sampled: 10/04/2012 0935
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30886.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Analysis Date:	10/10/2012 1902			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.9	U	1.9	5.3
n,n'-Dimethylaniline	0.22	U	0.22	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		53 - 108
2-Fluorophenol	40		10 - 65
Nitrobenzene-d5	77		56 - 112
Phenol-d5	24		10 - 48
Terphenyl-d14	77		50 - 122
2,4,6-Tribromophenol	70		46 - 122

Client: ARCADIS U.S. Inc | Job Number: 460-45509-1

Client Sample ID: **MW-28**

Lab Sample ID: 460-45509-4 | Date Sampled: 10/04/2012 1100
Client Matrix: Water | Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30887.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 1927			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.8	U	1.8	5.0
n,n'-Dimethylaniline	0.62	J	0.21	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	75		53 - 108
2-Fluorophenol	34		10 - 65
Nitrobenzene-d5	76		56 - 112
Phenol-d5	18		10 - 48
Terphenyl-d14	71		50 - 122
2,4,6-Tribromophenol	70		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-8SR**

Lab Sample ID: 460-45509-5
Client Matrix: Water

Date Sampled: 10/04/2012 1335
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30888.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Analysis Date:	10/10/2012 1952			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.9	U	1.9	5.3
n,n'-Dimethylaniline	2.3		0.22	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	78		53 - 108
2-Fluorophenol	37		10 - 65
Nitrobenzene-d5	83		56 - 112
Phenol-d5	19		10 - 48
Terphenyl-d14	75		50 - 122
2,4,6-Tribromophenol	71		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-3S**

Lab Sample ID: 460-45509-6
Client Matrix: Water

Date Sampled: 10/04/2012 1000
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30889.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 2018			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.8	U	1.8	5.0
n,n'-Dimethylaniline	0.61	J	0.21	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	76		53 - 108
2-Fluorophenol	36		10 - 65
Nitrobenzene-d5	81		56 - 112
Phenol-d5	21		10 - 48
Terphenyl-d14	77		50 - 122
2,4,6-Tribromophenol	67		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-27**

Lab Sample ID: 460-45509-7
Client Matrix: Water

Date Sampled: 10/04/2012 1150
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30890.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 2043			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.8	U	1.8	5.0
n,n'-Dimethylaniline	2.2		0.21	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	77		53 - 108
2-Fluorophenol	34		10 - 65
Nitrobenzene-d5	78		56 - 112
Phenol-d5	18		10 - 48
Terphenyl-d14	67		50 - 122
2,4,6-Tribromophenol	65		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-35**

Lab Sample ID: 460-45509-8
Client Matrix: Water

Date Sampled: 10/04/2012 1405
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30881.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 1656			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.8	U	1.8	5.0
n,n'-Dimethylaniline	0.21	U	0.21	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		53 - 108
2-Fluorophenol	36		10 - 65
Nitrobenzene-d5	77		56 - 112
Phenol-d5	21		10 - 48
Terphenyl-d14	77		50 - 122
2,4,6-Tribromophenol	70		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-34**

Lab Sample ID: 460-45509-9
Client Matrix: Water

Date Sampled: 10/04/2012 1545
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30891.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	10/10/2012 2109			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.9	U	1.9	5.2
n,n'-Dimethylaniline	2.7		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	75		53 - 108
2-Fluorophenol	31		10 - 65
Nitrobenzene-d5	76		56 - 112
Phenol-d5	16		10 - 48
Terphenyl-d14	70		50 - 122
2,4,6-Tribromophenol	54		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **TW-01**

Lab Sample ID: 460-45509-10
Client Matrix: Water

Date Sampled: 10/04/2012 1640
Date Received: 10/05/2012 0930

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-131181	Lab File ID:	x30892.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	10/10/2012 2134			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aniline	1.9	U	1.9	5.2
n,n'-Dimethylaniline	1.9		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	71		53 - 108
2-Fluorophenol	32		10 - 65
Nitrobenzene-d5	74		56 - 112
Phenol-d5	17		10 - 48
Terphenyl-d14	73		50 - 122
2,4,6-Tribromophenol	66		46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-28**

Lab Sample ID: 460-45509-4
Client Matrix: Water

Date Sampled: 10/04/2012 1100
Date Received: 10/05/2012 0930

8015B Nonhalogenated Organic Compounds - Direct Injection (GC)

Analysis Method:	8015B	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
	N/A		N/A	Initial Weight/Volume:	1 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Analysis Date:	10/10/2012 1535			Injection Volume:	1 uL
Prep Date:	N/A			Result Type:	PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
Methanol	0.41	U	0.41	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Hexanone	74		63 - 124

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-35**

Lab Sample ID: 460-45509-8
Client Matrix: Water

Date Sampled: 10/04/2012 1405
Date Received: 10/05/2012 0930

8015B Nonhalogenated Organic Compounds - Direct Injection (GC)

Analysis Method:	8015B	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
	N/A		N/A	Initial Weight/Volume:	1 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Analysis Date:	10/10/2012 1544			Injection Volume:	1 uL
Prep Date:	N/A			Result Type:	PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
Methanol	0.41	U	0.41	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Hexanone	74		63 - 124

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **MW-34**

Lab Sample ID: 460-45509-9
Client Matrix: Water

Date Sampled: 10/04/2012 1545
Date Received: 10/05/2012 0930

8015B Nonhalogenated Organic Compounds - Direct Injection (GC)

Analysis Method:	8015B	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
	N/A		N/A	Initial Weight/Volume:	1 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Analysis Date:	10/10/2012 1611			Injection Volume:	1 uL
Prep Date:	N/A			Result Type:	PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
Methanol	0.41	U	0.41	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Hexanone	75		63 - 124

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Client Sample ID: **TW-01**

Lab Sample ID: 460-45509-10
Client Matrix: Water

Date Sampled: 10/04/2012 1640
Date Received: 10/05/2012 0930

8015B Nonhalogenated Organic Compounds - Direct Injection (GC)

Analysis Method:	8015B	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
	N/A		N/A	Initial Weight/Volume:	1 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Analysis Date:	10/10/2012 1620			Injection Volume:	1 uL
Prep Date:	N/A			Result Type:	PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
Methanol	0.41	U	0.41	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Hexanone	78		63 - 124

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-45509-1	TRIP BLANK 100412	111	107	100
460-45509-2	BD-01-100412	111	106	101
460-45509-3	MW-30	113	107	99
460-45509-4	MW-28	114	104	100
460-45509-5	MW-8SR	113	107	100
460-45509-6	MW-3S	113	107	101
460-45509-7	MW-27	116	110	106
460-45509-8	MW-35	114	107	101
460-45509-9	MW-34	114	108	103
460-45509-10	TW-01	110	105	100
MB 460-131290/4		114	108	100
MB 460-131374/4		113	108	102
LCS 460-131290/3		107	107	96
LCS 460-131374/3		107	108	96
460-45509-7 MS	MW-27 MS	110	112	97
460-45509-8 MS	MW-35 MS	110	113	98
460-45509-7 MSD	MW-27 MSD	108	107	95
460-45509-8 MSD	MW-35 MSD	111	112	99

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

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
460-45509-2	BD-01-100412	39	22	88	81	75	82
460-45509-3	MW-30	40	24	77	72	70	77
460-45509-4	MW-28	34	18	76	75	70	71
460-45509-5	MW-8SR	37	19	83	78	71	75
460-45509-6	MW-3S	36	21	81	76	67	77
460-45509-7	MW-27	34	18	78	77	65	67
460-45509-8	MW-35	36	21	77	70	70	77
460-45509-9	MW-34	31	16	76	75	54	70
460-45509-10	TW-01	32	17	74	71	66	73
MB 460-131181/1-A		44	27	87	76	73	83
LCS 460-131181/2-A		48	28	88	85	87	82
460-45509-8 MS	MW-35 MS	37	21	81	79	80	73
460-45509-8 MSD	MW-35 MSD	36	20	81	79	77	72

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

Surrogate Recovery Report

8015B Nonhalogenated Organic Compounds - Direct Injection (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2HN1 %Rec
460-45509-4	MW-28	74
460-45509-8	MW-35	74
460-45509-9	MW-34	75
460-45509-10	TW-01	78
MB 480-84786/5		75
LCS 480-84786/6		75
460-45509-8 MS	MW-35 MS	77
460-45509-8 MSD	MW-35 MSD	79

Surrogate	Acceptance Limits
2HN = 2-Hexanone	63-124

Method Blank - Batch: 460-131290

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-131290/4	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47443.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/09/2012 2320	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/09/2012 2320				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	10.5		2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.080	U	0.080	1.0
Toluene	0.15	U	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 130
Bromofluorobenzene	100	70 - 130
Toluene-d8 (Surr)	108	70 - 130

Lab Control Sample - Batch: 460-131290

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-131290/3	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47440.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/09/2012 2004	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/09/2012 2004				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methylene Chloride	20.0	20.7	104	79 - 119	
Acetone	20.0	28.4	142	45 - 156	
Trichloroethene	20.0	20.5	102	78 - 119	
Benzene	20.0	24.7	123	83 - 124	
Toluene	20.0	22.6	113	80 - 120	
Ethylbenzene	20.0	20.6	103	79 - 126	
Xylenes, Total	60.0	63.1	105	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 130
Bromofluorobenzene	96	70 - 130
Toluene-d8 (Surr)	107	70 - 130

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131290

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45509-8	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47446.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0027			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0027				
Leach Date:	N/A				

MSD Lab Sample ID:	460-45509-8	Analysis Batch:	460-131290	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47447.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0049			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0049				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	100	104	79 - 119	4	30		
Acetone	26	30	45 - 156	2	30	F	F
Trichloroethene	103	107	78 - 119	4	30		
Benzene	125	125	83 - 124	0	30	F	F
Toluene	116	118	80 - 120	2	30		
Ethylbenzene	106	110	79 - 126	4	30		
Xylenes, Total	104	109	76 - 121	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	111	70 - 130
Bromofluorobenzene	98	99	70 - 130
Toluene-d8 (Surr)	113	112	70 - 130

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131290

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45509-8	Units:	ug/L	MSD Lab Sample ID:	460-45509-8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/10/2012 0027			Analysis Date:	10/10/2012 0049
Prep Date:	10/10/2012 0027			Prep Date:	10/10/2012 0049
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Methylene Chloride	0.18	U	20.0	20.0	19.9		20.8	
Acetone	36		20.0	20.0	40.8	F	41.7	F
Trichloroethene	0.090	U	20.0	20.0	20.6		21.3	
Benzene	0.080	U	20.0	20.0	25.1	F	25.0	F
Toluene	0.15	U	20.0	20.0	23.1		23.6	
Ethylbenzene	0.10	U	20.0	20.0	21.2		22.0	
Xylenes, Total	0.36	U	60.0	60.0	62.3		65.2	

Method Blank - Batch: 460-131374

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-131374/4	Analysis Batch:	460-131374	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47463.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0741	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0741				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	10
Trichloroethene	0.090	U	0.090	1.0
Benzene	0.080	U	0.080	1.0
Toluene	0.15	U	0.15	1.0
Ethylbenzene	0.10	U	0.10	1.0
Xylenes, Total	0.36	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 130
Bromofluorobenzene	102	70 - 130
Toluene-d8 (Surr)	108	70 - 130

Lab Control Sample - Batch: 460-131374

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-131374/3	Analysis Batch:	460-131374	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47460.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 0618	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 0618				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methylene Chloride	20.0	20.0	100	79 - 119	
Acetone	20.0	29.0	145	45 - 156	
Trichloroethene	20.0	20.4	102	78 - 119	
Benzene	20.0	23.6	118	83 - 124	
Toluene	20.0	22.1	111	80 - 120	
Ethylbenzene	20.0	20.7	103	79 - 126	
Xylenes, Total	60.0	62.9	105	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 130
Bromofluorobenzene	96	70 - 130
Toluene-d8 (Surr)	108	70 - 130

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131374

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45509-7	Analysis Batch:	460-131374	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47470.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 1017			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 1017				
Leach Date:	N/A				

MSD Lab Sample ID:	460-45509-7	Analysis Batch:	460-131374	Instrument ID:	VOAMS2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	b47471.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/10/2012 1039			Final Weight/Volume:	5 mL
Prep Date:	10/10/2012 1039				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	100	97	79 - 119	3	30		
Acetone	139	130	45 - 156	6	30		
Trichloroethene	101	99	78 - 119	3	30		
Benzene	122	116	83 - 124	5	30		
Toluene	112	106	80 - 120	5	30		
Ethylbenzene	101	97	79 - 126	4	30		
Xylenes, Total	100	98	76 - 121	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	108	70 - 130
Bromofluorobenzene	97	95	70 - 130
Toluene-d8 (Surr)	112	107	70 - 130

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131374

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-45509-7	Units:	ug/L	MSD Lab Sample ID:	460-45509-7
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	10/10/2012 1017			Analysis Date:	10/10/2012 1039
Prep Date:	10/10/2012 1017			Prep Date:	10/10/2012 1039
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Methylene Chloride	0.18	U	200	200	200	193
Acetone	2.7	U	200	200	277	260
Trichloroethene	0.090	U	200	200	203	198
Benzene	1.1		200	200	245	233
Toluene	0.22	J	200	200	224	213
Ethylbenzene	0.10	U	200	200	202	194
Xylenes, Total	0.36	U	600	600	603	590

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Method Blank - Batch: 460-131181

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-131181/1-A	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-131181	Lab File ID:	x30880.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 1631	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aniline	1.8	U	1.8	5.0
n,n'-Dimethylaniline	0.21	U	0.21	1.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	76	53 - 108
2-Fluorophenol	44	10 - 65
Nitrobenzene-d5	87	56 - 112
Phenol-d5	27	10 - 48
Terphenyl-d14	83	50 - 122
2,4,6-Tribromophenol	73	46 - 122

Lab Control Sample - Batch: 460-131181

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-131181/2-A	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-131181	Lab File ID:	x30879.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 1606	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aniline	100	67.6	68	39 - 89	
n,n'-Dimethylaniline	100	86.3	86	58 - 96	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	85	53 - 108
2-Fluorophenol	48	10 - 65
Nitrobenzene-d5	88	56 - 112
Phenol-d5	28	10 - 48
Terphenyl-d14	82	50 - 122
2,4,6-Tribromophenol	87	46 - 122

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131181

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-45509-8	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-131181	Lab File ID:	x30882.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 1721			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-45509-8	Analysis Batch:	460-131557	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-131181	Lab File ID:	x30883.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	10/10/2012 1746			Final Weight/Volume:	2 mL
Prep Date:	10/09/2012 1026			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aniline	53	58	39 - 89	9	30		
n,n'-Dimethylaniline	77	81	58 - 96	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	79	79	53 - 108
2-Fluorophenol	37	36	10 - 65
Nitrobenzene-d5	81	81	56 - 112
Phenol-d5	21	20	10 - 48
Terphenyl-d14	73	72	50 - 122
2,4,6-Tribromophenol	80	77	46 - 122

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-131181

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-45509-8	Units:	ug/L	MSD Lab Sample ID:	460-45509-8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/10/2012 1721			Analysis Date:	10/10/2012 1746
Prep Date:	10/09/2012 1026			Prep Date:	10/09/2012 1026
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aniline	1.8	U	100	100	52.6	57.6
n,n'-Dimethylaniline	0.21	U	100	100	77.2	81.3

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Method Blank - Batch: 480-84786

Method: 8015B
Preparation: N/A

Lab Sample ID:	MB 480-84786/5	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	4a73026.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/10/2012 1414	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Methanol	0.41	U	0.41	1.0

Surrogate	% Rec	Acceptance Limits
2-Hexanone	75	63 - 124

Lab Control Sample - Batch: 480-84786

Method: 8015B
Preparation: N/A

Lab Sample ID:	LCS 480-84786/6	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	4a73027.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/10/2012 1526	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methanol	20.0	17.0	85	76 - 122	

Surrogate	% Rec	Acceptance Limits
2-Hexanone	75	63 - 124

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-84786

Method: 8015B
Preparation: N/A

MS Lab Sample ID:	460-45509-8	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	4a73030.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/10/2012 1553			Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-45509-8	Analysis Batch:	480-84786	Instrument ID:	HP5890-4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	4a73031.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/10/2012 1602			Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methanol	89	91	76 - 120	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Hexanone	77	79	63 - 124

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 480-84786

Method: 8015B
Preparation: N/A

MS Lab Sample ID:	460-45509-8	Units:	mg/L	MSD Lab Sample ID:	460-45509-8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/10/2012 1553			Analysis Date:	10/10/2012 1602
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Methanol	0.41	U	20.0	20.0	17.8	18.2

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S. Inc Job Number: 460-45509-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-131290					
LCS 460-131290/3	Lab Control Sample	T	Water	8260B	
MB 460-131290/4	Method Blank	T	Water	8260B	
460-45509-1	TRIP BLANK 100412	T	Water	8260B	
460-45509-2	BD-01-100412	T	Water	8260B	
460-45509-3	MW-30	T	Water	8260B	
460-45509-4	MW-28	T	Water	8260B	
460-45509-5	MW-8SR	T	Water	8260B	
460-45509-6	MW-3S	T	Water	8260B	
460-45509-8	MW-35	T	Water	8260B	
460-45509-8MS	Matrix Spike	T	Water	8260B	
460-45509-8MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:460-131374					
LCS 460-131374/3	Lab Control Sample	T	Water	8260B	
MB 460-131374/4	Method Blank	T	Water	8260B	
460-45509-7	MW-27	T	Water	8260B	
460-45509-7MS	Matrix Spike	T	Water	8260B	
460-45509-7MSD	Matrix Spike Duplicate	T	Water	8260B	
460-45509-9	MW-34	T	Water	8260B	
460-45509-10	TW-01	T	Water	8260B	

Report Basis

T = Total

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-131181					
LCS 460-131181/2-A	Lab Control Sample	T	Water	3510C	
MB 460-131181/1-A	Method Blank	T	Water	3510C	
460-45509-2	BD-01-100412	T	Water	3510C	
460-45509-3	MW-30	T	Water	3510C	
460-45509-4	MW-28	T	Water	3510C	
460-45509-5	MW-8SR	T	Water	3510C	
460-45509-6	MW-3S	T	Water	3510C	
460-45509-7	MW-27	T	Water	3510C	
460-45509-8	MW-35	T	Water	3510C	
460-45509-8MS	Matrix Spike	T	Water	3510C	
460-45509-8MSD	Matrix Spike Duplicate	T	Water	3510C	
460-45509-9	MW-34	T	Water	3510C	
460-45509-10	TW-01	T	Water	3510C	
Analysis Batch:460-131557					
LCS 460-131181/2-A	Lab Control Sample	T	Water	8270C	460-131181
MB 460-131181/1-A	Method Blank	T	Water	8270C	460-131181
460-45509-2	BD-01-100412	T	Water	8270C	460-131181
460-45509-3	MW-30	T	Water	8270C	460-131181
460-45509-4	MW-28	T	Water	8270C	460-131181
460-45509-5	MW-8SR	T	Water	8270C	460-131181
460-45509-6	MW-3S	T	Water	8270C	460-131181
460-45509-7	MW-27	T	Water	8270C	460-131181
460-45509-8	MW-35	T	Water	8270C	460-131181
460-45509-8MS	Matrix Spike	T	Water	8270C	460-131181
460-45509-8MSD	Matrix Spike Duplicate	T	Water	8270C	460-131181
460-45509-9	MW-34	T	Water	8270C	460-131181
460-45509-10	TW-01	T	Water	8270C	460-131181

Report Basis
T = Total

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:480-84786					
LCS 480-84786/6	Lab Control Sample	T	Water	8015B	
MB 480-84786/5	Method Blank	T	Water	8015B	
460-45509-4	MW-28	T	Water	8015B	
460-45509-8	MW-35	T	Water	8015B	
460-45509-8MS	Matrix Spike	T	Water	8015B	
460-45509-8MSD	Matrix Spike Duplicate	T	Water	8015B	
460-45509-9	MW-34	T	Water	8015B	
460-45509-10	TW-01	T	Water	8015B	

Report Basis

T = Total

Client: ARCADIS U.S. Inc Job Number: 460-45509-1

Laboratory Chronicle

Lab ID: 460-45509-1 **Client ID: TRIP BLANK 100412**

Sample Date/Time: 10/04/2012 00:00 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-1		460-131290		10/10/2012 02:40	1	TAL EDI	EM
A:8260B	460-45509-A-1		460-131290		10/10/2012 02:40	1	TAL EDI	EM

Lab ID: 460-45509-2 **Client ID: BD-01-100412**

Sample Date/Time: 10/04/2012 08:30 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-2		460-131290		10/10/2012 03:02	1	TAL EDI	EM
A:8260B	460-45509-A-2		460-131290		10/10/2012 03:02	1	TAL EDI	EM
P:3510C	460-45509-D-2-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-D-2-A		460-131557	460-131181	10/10/2012 18:37	1	TAL EDI	MC

Lab ID: 460-45509-3 **Client ID: MW-30**

Sample Date/Time: 10/04/2012 09:35 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-3		460-131290		10/10/2012 03:24	1	TAL EDI	EM
A:8260B	460-45509-A-3		460-131290		10/10/2012 03:24	1	TAL EDI	EM
P:3510C	460-45509-D-3-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-D-3-A		460-131557	460-131181	10/10/2012 19:02	1	TAL EDI	MC

Lab ID: 460-45509-4 **Client ID: MW-28**

Sample Date/Time: 10/04/2012 11:00 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-4		460-131290		10/10/2012 03:46	1	TAL EDI	EM
A:8260B	460-45509-A-4		460-131290		10/10/2012 03:46	1	TAL EDI	EM
P:3510C	460-45509-H-4-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-H-4-A		460-131557	460-131181	10/10/2012 19:27	1	TAL EDI	MC
A:8015B	460-45509-E-4		480-84786		10/10/2012 15:35	1	TAL BUF	JAD

Lab ID: 460-45509-5 **Client ID: MW-8SR**

Sample Date/Time: 10/04/2012 13:35 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-5		460-131290		10/10/2012 04:08	1	TAL EDI	EM
A:8260B	460-45509-A-5		460-131290		10/10/2012 04:08	1	TAL EDI	EM
P:3510C	460-45509-D-5-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-D-5-A		460-131557	460-131181	10/10/2012 19:52	1	TAL EDI	MC

Client: ARCADIS U.S. Inc Job Number: 460-45509-1

Laboratory Chronicle

Lab ID: 460-45509-6 **Client ID:** MW-3S

Sample Date/Time: 10/04/2012 10:00 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-6		460-131290		10/10/2012 04:30	1	TAL EDI	EM
A:8260B	460-45509-A-6		460-131290		10/10/2012 04:30	1	TAL EDI	EM
P:3510C	460-45509-E-6-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-E-6-A		460-131557	460-131181	10/10/2012 20:18	1	TAL EDI	MC

Lab ID: 460-45509-7 **Client ID:** MW-27

Sample Date/Time: 10/04/2012 11:50 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-7		460-131374		10/10/2012 08:25	1	TAL EDI	AT
A:8260B	460-45509-A-7		460-131374		10/10/2012 08:25	1	TAL EDI	AT
P:3510C	460-45509-E-7-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-E-7-A		460-131557	460-131181	10/10/2012 20:43	1	TAL EDI	MC

Lab ID: 460-45509-7 MS **Client ID:** MW-27

Sample Date/Time: 10/04/2012 11:50 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-7 MS		460-131374		10/10/2012 10:17	10	TAL EDI	AT
A:8260B	460-45509-A-7 MS		460-131374		10/10/2012 10:17	10	TAL EDI	AT

Lab ID: 460-45509-7 MSD **Client ID:** MW-27

Sample Date/Time: 10/04/2012 11:50 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-7 MSD		460-131374		10/10/2012 10:39	10	TAL EDI	AT
A:8260B	460-45509-A-7 MSD		460-131374		10/10/2012 10:39	10	TAL EDI	AT

Lab ID: 460-45509-8 **Client ID:** MW-35

Sample Date/Time: 10/04/2012 14:05 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-8		460-131290		10/10/2012 00:05	1	TAL EDI	EM
A:8260B	460-45509-A-8		460-131290		10/10/2012 00:05	1	TAL EDI	EM
P:3510C	460-45509-H-8-B		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-H-8-B		460-131557	460-131181	10/10/2012 16:56	1	TAL EDI	MC
A:8015B	460-45509-F-8		480-84786		10/10/2012 15:44	1	TAL BUF	JAD

Client: ARCADIS U.S. Inc Job Number: 460-45509-1

Laboratory Chronicle

Lab ID: 460-45509-8 **Client ID:** MW-35

Sample Date/Time: 10/04/2012 14:05 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-8 MS		460-131290		10/10/2012 00:27	1	TAL EDI	EM
A:8260B	460-45509-A-8 MS		460-131290		10/10/2012 00:27	1	TAL EDI	EM
P:3510C	460-45509-G-8-A MS		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-G-8-A MS		460-131557	460-131181	10/10/2012 17:21	1	TAL EDI	MC
A:8015B	460-45509-F-8 MS		480-84786		10/10/2012 15:53	1	TAL BUF	JAD

Lab ID: 460-45509-8 **Client ID:** MW-35

Sample Date/Time: 10/04/2012 14:05 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-8 MSD		460-131290		10/10/2012 00:49	1	TAL EDI	EM
A:8260B	460-45509-A-8 MSD		460-131290		10/10/2012 00:49	1	TAL EDI	EM
P:3510C	460-45509-H-8-A MSD		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-H-8-A MSD		460-131557	460-131181	10/10/2012 17:46	1	TAL EDI	MC
A:8015B	460-45509-F-8 MSD		480-84786		10/10/2012 16:02	1	TAL BUF	JAD

Lab ID: 460-45509-9 **Client ID:** MW-34

Sample Date/Time: 10/04/2012 15:45 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-9		460-131374		10/10/2012 08:47	1	TAL EDI	AT
A:8260B	460-45509-A-9		460-131374		10/10/2012 08:47	1	TAL EDI	AT
P:3510C	460-45509-H-9-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-H-9-A		460-131557	460-131181	10/10/2012 21:09	1	TAL EDI	MC
A:8015B	460-45509-D-9		480-84786		10/10/2012 16:11	1	TAL BUF	JAD

Lab ID: 460-45509-10 **Client ID:** TW-01

Sample Date/Time: 10/04/2012 16:40 Received Date/Time: 10/05/2012 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-45509-A-10		460-131374		10/10/2012 09:10	1	TAL EDI	AT
A:8260B	460-45509-A-10		460-131374		10/10/2012 09:10	1	TAL EDI	AT
P:3510C	460-45509-H-10-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	460-45509-H-10-A		460-131557	460-131181	10/10/2012 21:34	1	TAL EDI	MC
A:8015B	460-45509-F-10		480-84786		10/10/2012 16:20	1	TAL BUF	JAD

Client: ARCADIS U.S. Inc Job Number: 460-45509-1

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-131290/4		460-131290		10/09/2012 23:20	1	TAL EDI	EM
A:8260B	MB 460-131290/4		460-131290		10/09/2012 23:20	1	TAL EDI	EM
P:5030B	MB 460-131374/4		460-131374		10/10/2012 07:41	1	TAL EDI	AT
A:8260B	MB 460-131374/4		460-131374		10/10/2012 07:41	1	TAL EDI	AT
P:3510C	MB 460-131181/1-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	MB 460-131181/1-A		460-131557	460-131181	10/10/2012 16:31	1	TAL EDI	MC
A:8015B	MB 480-84786/5		480-84786		10/10/2012 14:14	1	TAL BUF	JAD

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-131290/3		460-131290		10/09/2012 20:04	1	TAL EDI	EM
A:8260B	LCS 460-131290/3		460-131290		10/09/2012 20:04	1	TAL EDI	EM
P:5030B	LCS 460-131374/3		460-131374		10/10/2012 06:18	1	TAL EDI	AT
A:8260B	LCS 460-131374/3		460-131374		10/10/2012 06:18	1	TAL EDI	AT
P:3510C	LCS 460-131181/2-A		460-131557	460-131181	10/09/2012 10:26	1	TAL EDI	ME
A:8270C	LCS 460-131181/2-A		460-131557	460-131181	10/10/2012 16:06	1	TAL EDI	MC
A:8015B	LCS 480-84786/6		480-84786		10/10/2012 15:26	1	TAL BUF	JAD

Lab References:

TAL BUF = TestAmerica Buffalo

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.: 460-45509-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
TRIP BLANK 100412	460-45509-1	111	107	100
BD-01-100412	460-45509-2	111	106	101
MW-30	460-45509-3	113	107	99
MW-28	460-45509-4	114	104	100
MW-8SR	460-45509-5	113	107	100
MW-3S	460-45509-6	113	107	101
MW-27	460-45509-7	116	110	106
MW-35	460-45509-8	114	107	101
MW-34	460-45509-9	114	108	103
TW-01	460-45509-10	110	105	100
	MB 460-131290/4	114	108	100
	MB 460-131374/4	113	108	102
	LCS 460-131290/3	107	107	96
	LCS 460-131374/3	107	108	96
MW-27 MS	460-45509-7 MS	110	112	97
MW-35 MS	460-45509-8 MS	110	113	98
MW-27 MSD	460-45509-7 MSD	108	107	95
MW-35 MSD	460-45509-8 MSD	111	112	99

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: b47440.d

Lab ID: LCS 460-131290/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	20.7	104	79-119	
Acetone	20.0	28.4	142	45-156	
Trichloroethene	20.0	20.5	102	78-119	
Benzene	20.0	24.7	123	83-124	
Toluene	20.0	22.6	113	80-120	
Ethylbenzene	20.0	20.6	103	79-126	
Xylenes, Total	60.0	63.1	105	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: b47460.d

Lab ID: LCS 460-131374/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	20.0	100	79-119	
Acetone	20.0	29.0	145	45-156	
Trichloroethene	20.0	20.4	102	78-119	
Benzene	20.0	23.6	118	83-124	
Toluene	20.0	22.1	111	80-120	
Ethylbenzene	20.0	20.7	103	79-126	
Xylenes, Total	60.0	62.9	105	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: b47470.d

Lab ID: 460-45509-7 MS Client ID: MW-27 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	200	0.18 U	200	100	79-119	
Acetone	200	2.7 U	277	139	45-156	
Trichloroethene	200	0.090 U	203	101	78-119	
Benzene	200	1.1	245	122	83-124	
Toluene	200	0.22 J	224	112	80-120	
Ethylbenzene	200	0.10 U	202	101	79-126	
Xylenes, Total	600	0.36 U	603	100	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: b47446.d

Lab ID: 460-45509-8 MS Client ID: MW-35 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	0.18 U	19.9	100	79-119	
Acetone	20.0	36	40.8	26	45-156	F
Trichloroethene	20.0	0.090 U	20.6	103	78-119	
Benzene	20.0	0.080 U	25.1	125	83-124	F
Toluene	20.0	0.15 U	23.1	116	80-120	
Ethylbenzene	20.0	0.10 U	21.2	106	79-126	
Xylenes, Total	60.0	0.36 U	62.3	104	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: b47471.d

Lab ID: 460-45509-7 MSD Client ID: MW-27 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	200	193	97	3	30	79-119	
Acetone	200	260	130	6	30	45-156	
Trichloroethene	200	198	99	3	30	78-119	
Benzene	200	233	116	5	30	83-124	
Toluene	200	213	106	5	30	80-120	
Ethylbenzene	200	194	97	4	30	79-126	
Xylenes, Total	600	590	98	2	30	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: b47447.d

Lab ID: 460-45509-8 MSD Client ID: MW-35 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	20.0	20.8	104	4	30	79-119	
Acetone	20.0	41.7	30	2	30	45-156	F
Trichloroethene	20.0	21.3	107	4	30	78-119	
Benzene	20.0	25.0	125	0	30	83-124	F
Toluene	20.0	23.6	118	2	30	80-120	
Ethylbenzene	20.0	22.0	110	4	30	79-126	
Xylenes, Total	60.0	65.2	109	5	30	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: b47443.d Lab Sample ID: MB 460-131290/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 10/09/2012 23:20

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 460-131290/3	b47440.d	10/09/2012 20:04
MW-35	460-45509-8	b47445.d	10/10/2012 00:05
MW-35 MS	460-45509-8 MS	b47446.d	10/10/2012 00:27
MW-35 MSD	460-45509-8 MSD	b47447.d	10/10/2012 00:49
TRIP BLANK 100412	460-45509-1	b47452.d	10/10/2012 02:40
BD-01-100412	460-45509-2	b47453.d	10/10/2012 03:02
MW-30	460-45509-3	b47454.d	10/10/2012 03:24
MW-28	460-45509-4	b47455.d	10/10/2012 03:46
MW-8SR	460-45509-5	b47456.d	10/10/2012 04:08
MW-3S	460-45509-6	b47457.d	10/10/2012 04:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: b47463.d Lab Sample ID: MB 460-131374/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS2 Date Analyzed: 10/10/2012 07:41

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 460-131374/3	b47460.d	10/10/2012 06:18
MW-27	460-45509-7	b47465.d	10/10/2012 08:25
MW-34	460-45509-9	b47466.d	10/10/2012 08:47
TW-01	460-45509-10	b47467.d	10/10/2012 09:10
MW-27 MS	460-45509-7 MS	b47470.d	10/10/2012 10:17
MW-27 MSD	460-45509-7 MSD	b47471.d	10/10/2012 10:39

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: b47229.d BFB Injection Date: 10/04/2012

Instrument ID: VOAMS2 BFB Injection Time: 20:29

Analysis Batch No.: 130677

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.2	
75	30.0 - 60.0 % of mass 95	55.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.7	(0.9)1
174	50.0 - 120.00 % of mass 95	80.8	
175	5.0 - 9.0 % of mass 174	6.3	(7.8)1
176	95.0 - 101.0 % of mass 174	77.7	(96.2)1
177	5.0 - 9.0 % of mass 176	5.2	(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 460-130677/2	b47232.d	10/04/2012	21:42
	IC 460-130677/3	b47234.d	10/04/2012	22:27
	ICIS 460-130677/4	b47235.d	10/04/2012	22:49
	IC 460-130677/5	b47236.d	10/04/2012	23:11
	IC 460-130677/6	b47237.d	10/04/2012	23:33
	IC 460-130677/7	b47238.d	10/04/2012	23:55

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: b47438.d BFB Injection Date: 10/09/2012

Instrument ID: VOAMS2 BFB Injection Time: 19:18

Analysis Batch No.: 131290

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.6	
75	30.0 - 60.0 % of mass 95	55.2	
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	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	70.0	
175	5.0 - 9.0 % of mass 174	5.6	(8.0)1
176	95.0 - 101.0 % of mass 174	68.2	(97.3)1
177	5.0 - 9.0 % of mass 176	4.3	(6.4)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 460-131290/2	b47439.d	10/09/2012	19:42
	LCS 460-131290/3	b47440.d	10/09/2012	20:04
	MB 460-131290/4	b47443.d	10/09/2012	23:20
MW-35	460-45509-8	b47445.d	10/10/2012	00:05
MW-35 MS	460-45509-8 MS	b47446.d	10/10/2012	00:27
MW-35 MSD	460-45509-8 MSD	b47447.d	10/10/2012	00:49
TRIP BLANK 100412	460-45509-1	b47452.d	10/10/2012	02:40
BD-01-100412	460-45509-2	b47453.d	10/10/2012	03:02
MW-30	460-45509-3	b47454.d	10/10/2012	03:24
MW-28	460-45509-4	b47455.d	10/10/2012	03:46
MW-8SR	460-45509-5	b47456.d	10/10/2012	04:08
MW-3S	460-45509-6	b47457.d	10/10/2012	04:30

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: b47458.d BFB Injection Date: 10/10/2012

Instrument ID: VOAMS2 BFB Injection Time: 04:53

Analysis Batch No.: 131374

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	27.6	
75	30.0 - 60.0 % of mass 95	57.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.3	(0.5)1
174	50.0 - 120.00 % of mass 95	68.1	
175	5.0 - 9.0 % of mass 174	5.7	(8.4)1
176	95.0 - 101.0 % of mass 174	65.9	(96.7)1
177	5.0 - 9.0 % of mass 176	4.5	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-131374/2	b47459.d	10/10/2012	05:15
	LCS 460-131374/3	b47460.d	10/10/2012	06:18
	MB 460-131374/4	b47463.d	10/10/2012	07:41
MW-27	460-45509-7	b47465.d	10/10/2012	08:25
MW-34	460-45509-9	b47466.d	10/10/2012	08:47
TW-01	460-45509-10	b47467.d	10/10/2012	09:10
MW-27 MS	460-45509-7 MS	b47470.d	10/10/2012	10:17
MW-27 MSD	460-45509-7 MSD	b47471.d	10/10/2012	10:39

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Sample No.: CCVIS 460-131290/2 Date Analyzed: 10/09/2012 19:42

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b47439.d Heated Purge: (Y/N) N

Calibration ID: 17946

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		596391	5.22	414486	8.78	191729	10.83
UPPER LIMIT		1192782	5.72	828972	9.28	383458	11.33
LOWER LIMIT		298196	4.72	207243	8.28	95865	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-131290/3		619725	5.22	440227	8.78	200991	10.83
MB 460-131290/4		517870	5.22	345970	8.78	143587	10.83
460-45509-8	MW-35	497857	5.22	325581	8.78	133067	10.83
460-45509-8 MS	MW-35 MS	579138	5.22	394999	8.78	184237	10.83
460-45509-8 MSD	MW-35 MSD	590717	5.22	413728	8.78	192531	10.83
460-45509-1	TRIP BLANK 100412	530458	5.23	358485	8.78	149740	10.83
460-45509-2	BD-01-100412	522339	5.22	350789	8.78	148080	10.83
460-45509-3	MW-30	520229	5.22	349783	8.78	144636	10.83
460-45509-4	MW-28	509375	5.23	346358	8.78	144345	10.83
460-45509-5	MW-8SR	514177	5.23	345907	8.78	146044	10.83
460-45509-6	MW-3S	507729	5.23	340008	8.78	140366	10.83

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Sample No.: CCVIS 460-131374/2 Date Analyzed: 10/10/2012 05:15

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): b47459.d Heated Purge: (Y/N) N

Calibration ID: 17946

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		587427	5.23	407465	8.78	189243	10.83
UPPER LIMIT		1174854	5.73	814930	9.28	378486	11.33
LOWER LIMIT		293714	4.73	203733	8.28	94622	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-131374/3		610601	5.22	433165	8.78	204260	10.83
MB 460-131374/4		512661	5.23	349036	8.78	144763	10.83
460-45509-7	MW-27	495170	5.23	332620	8.78	137033	10.83
460-45509-9	MW-34	522434	5.23	342517	8.78	142584	10.83
460-45509-10	TW-01	516110	5.23	350406	8.78	144813	10.83
460-45509-7 MS	MW-27 MS	558623	5.23	385386	8.78	181342	10.83
460-45509-7 MSD	MW-27 MSD	583720	5.23	411591	8.78	190557	10.83

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: TRIP BLANK 100412 Lab Sample ID: 460-45509-1

Matrix: Water Lab File ID: b47452.d

Analysis Method: 8260B Date Collected: 10/04/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 02:40

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.080	U	1.0	0.080
108-88-3	Toluene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47452.d
Report Date: 10-Oct-2012 08:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47452.d
Lab Smp Id: 460-45509-A-1 Client Smp ID: TRIP BLANK 100412
Inj Date : 10-OCT-2012 02:40
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-1
Misc Info : 460-45509-A-1
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

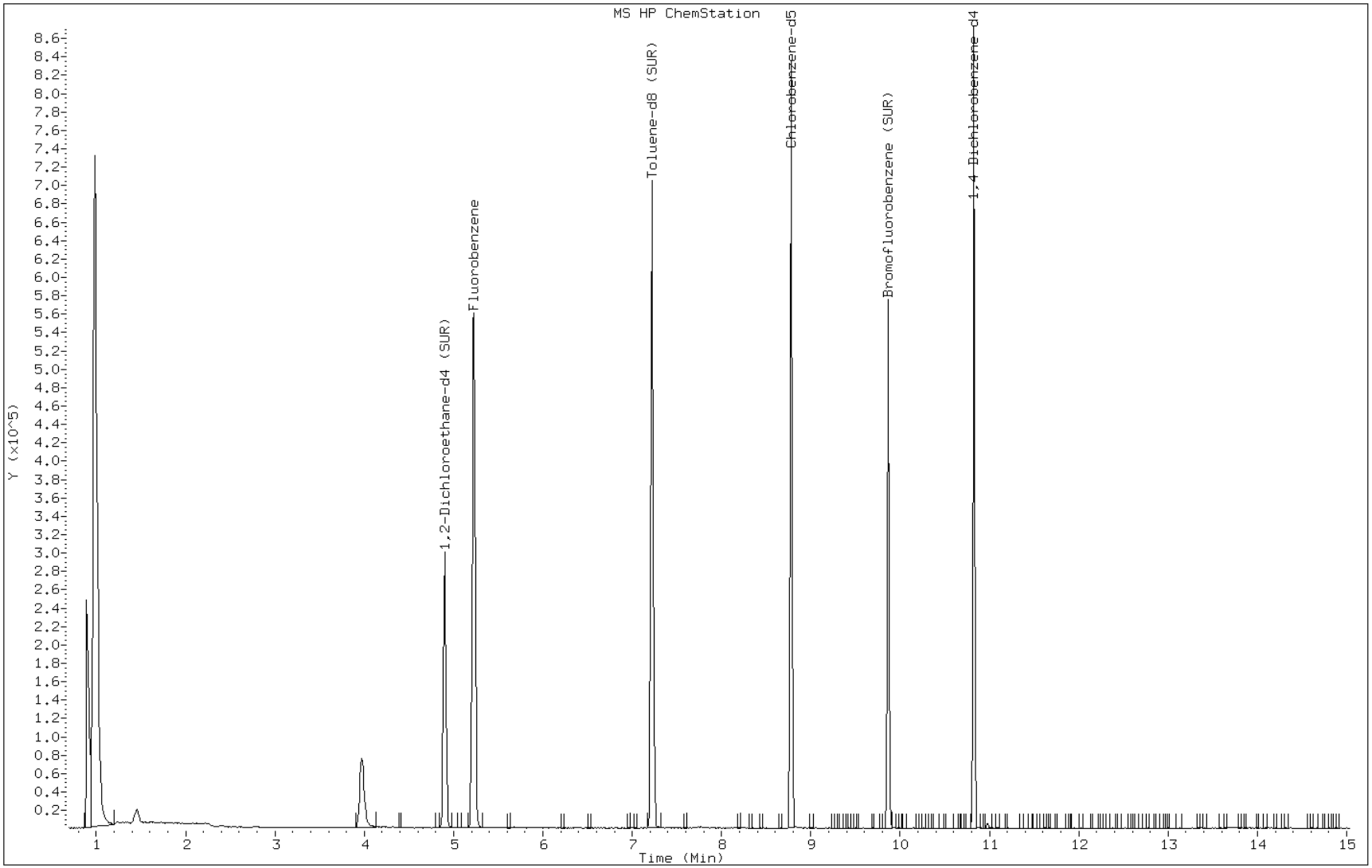
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.892	(0.937)	234594	55.3490	55
* 52 Fluorobenzene	96	5.230	5.221	(1.000)	530458	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	439767	53.5846	54
* 78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	358485	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.871	9.863	(0.912)	118998	50.2105	50
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	149740	50.0000	

Data File: b47452.d

Date: 10-OCT-2012 02:40

Client ID: TRIP BLANK 100412 Instrument: VOAMS2.i

Sample Info: 460-45509-A-1 Operator: VOA GC/MS2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: BD-01-100412 Lab Sample ID: 460-45509-2

Matrix: Water Lab File ID: b47453.d

Analysis Method: 8260B Date Collected: 10/04/2012 08:30

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 03:02

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.70	J	1.0	0.080
108-88-3	Toluene	0.39	J	1.0	0.15
100-41-4	Ethylbenzene	0.14	J	1.0	0.10
1330-20-7	Xylenes, Total	1.2	J	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47453.d
Report Date: 15-Oct-2012 08:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47453.d
Lab Smp Id: 460-45509-A-2 Client Smp ID: BD-01-100412
Inj Date : 10-OCT-2012 03:02
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-2
Misc Info : 460-45509-A-2
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 TBA	59	2.876	2.876	(0.551)	2544	5.95304	6.0(a)
	28 MTBE	73	2.950	2.950	(0.565)	2492	0.28180	0.28(a)
	25 trans-1,2-Dichloroethene	96	2.958	2.966	(0.567)	406	0.14435	0.14(a)
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	1273	0.22368	0.22(a)
	44 Cyclohexane	56	4.431	4.431	(0.849)	10450	2.53650	2.5
	48 Benzene	78	4.867	4.859	(0.555)	6779	0.70372	0.70(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.892	(0.939)	231230	55.4033	55
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	522339	50.0000	
	56 Methyl cyclohexane	83	5.781	5.781	(1.107)	981	0.26268	0.26(a)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	426830	53.1493	53
	66 Toluene	91	7.295	7.295	(0.831)	3936	0.38538	0.38(a)
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	350789	50.0000	
	79 Chlorobenzene	112	8.810	8.801	(1.004)	93937	13.0080	13
	81 Ethylbenzene	106	8.892	8.892	(1.013)	468	0.13606	0.14(a)
	84 o-Xylene	106	9.377	9.369	(1.068)	5108	1.21252	1.2
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	4478	0.41588	0.42(a)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47453.d
Report Date: 15-Oct-2012 08:04

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 89 Bromofluorobenzene (SUR)	174	9.871	9.863	(0.912)	117900	50.3049	50
95 n-Propylbenzene	91	10.052	10.044	(0.929)	4187	0.41998	0.42(a)
100 tert-Butylbenzene	119	10.464	10.464	(0.967)	1724	0.29728	0.30(a)
103 sec-Butylbenzene	105	10.645	10.645	(0.983)	2770	0.32158	0.32(a)
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	148080	50.0000	
109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	1949	0.41245	0.41(a)
171 Indan	117	11.023	11.023	(2.111)	1159	0.08532	0.085(a)
106 n-Butylbenzene	91	11.089	11.081	(1.024)	1354	0.16117	0.16(a)
111 1,2-Dichlorobenzene	146	11.147	11.139	(1.030)	4197	0.92953	0.93(a)
M 121 Xylene (Total)	100				5108	1.21252	1.2(a)

QC Flag Legend

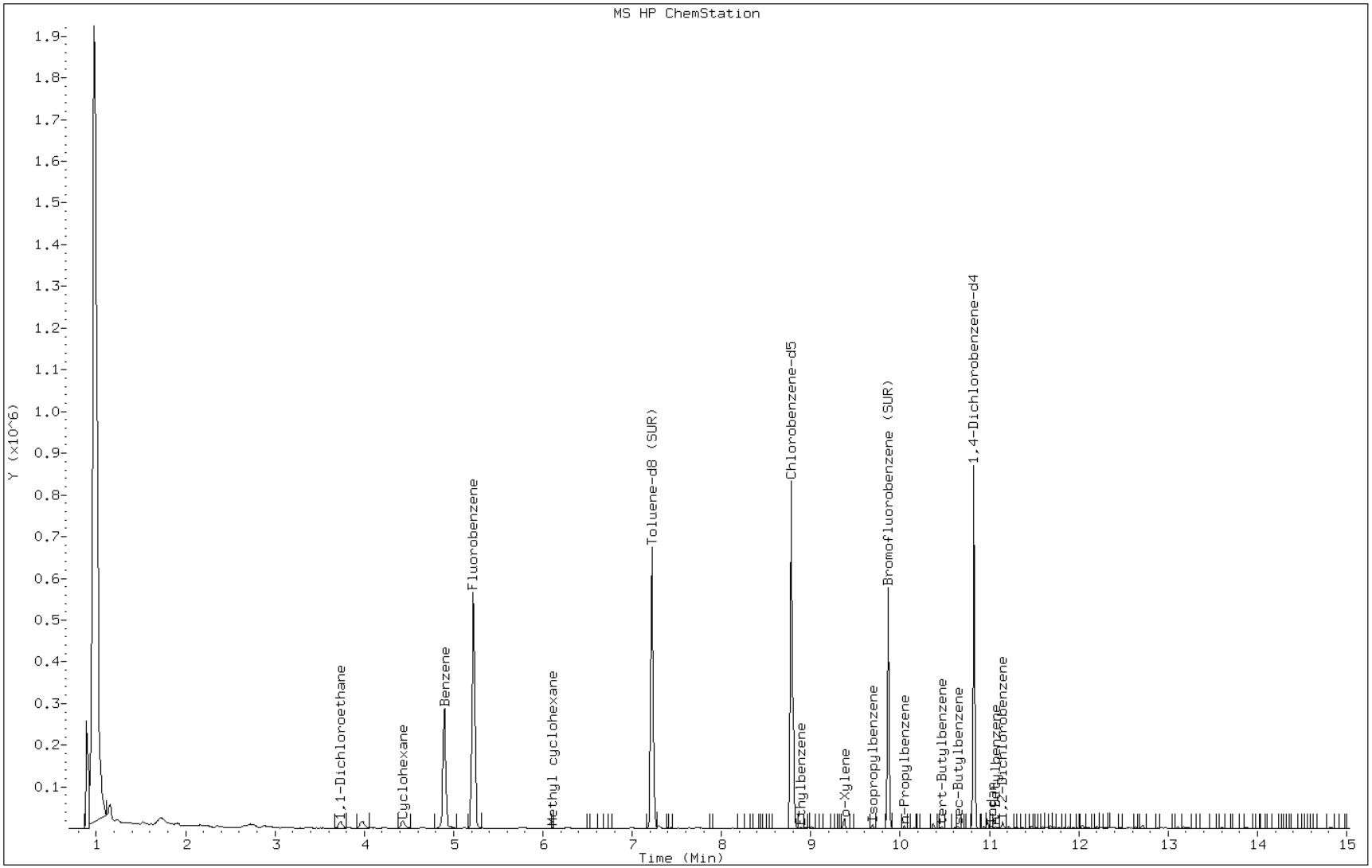
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b47453.d

Date: 10-OCT-2012 03:02

Client ID: BD-01-100412 Instrument: VOAMS2.i

Sample Info: 460-45509-A-2 Operator: VOA GC/MS2



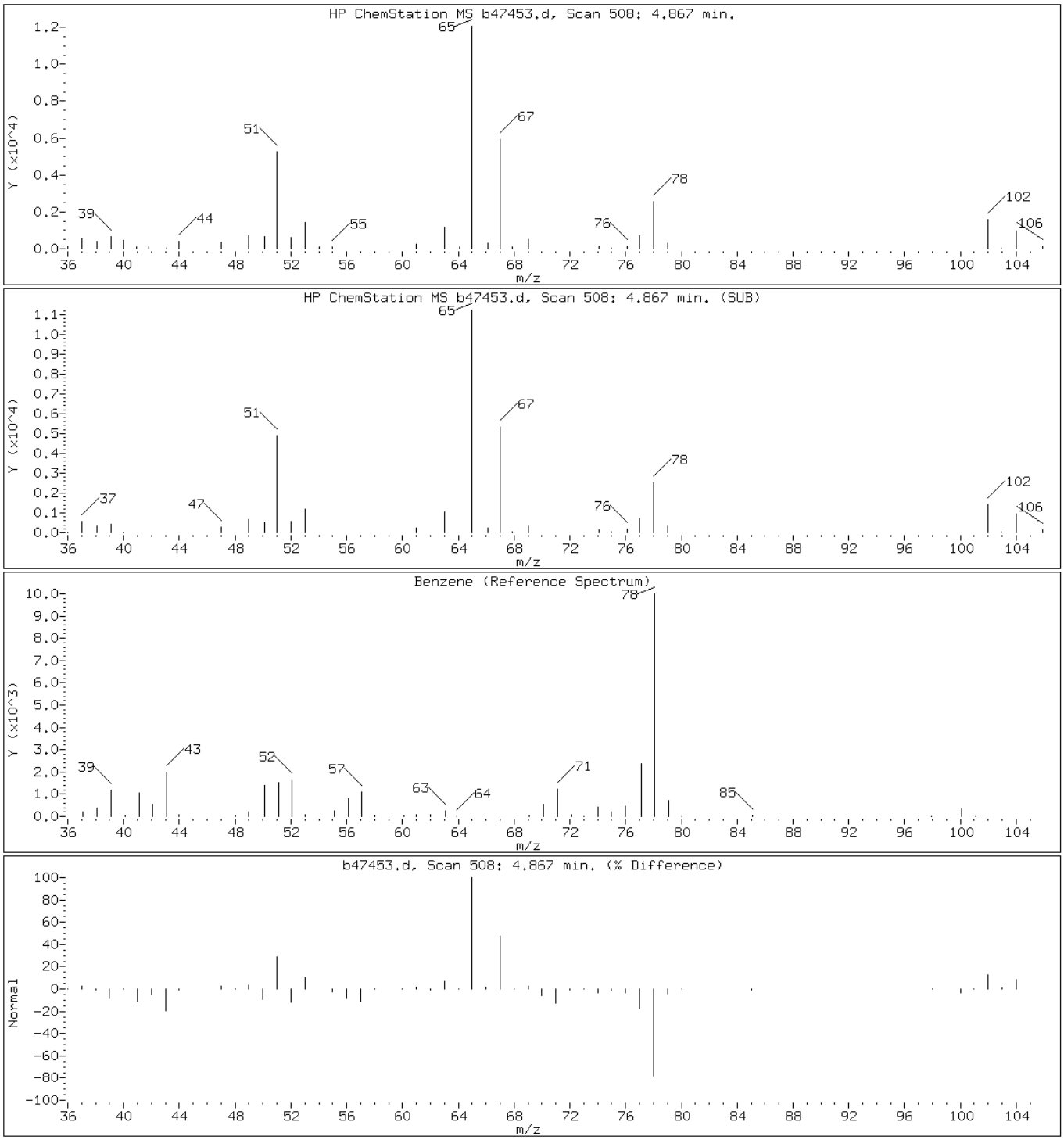
Data File: b47453.d

Date: 10-OCT-2012 03:02

Client ID: BD-01-100412 Instrument: VOAMS2.i

Sample Info: 460-45509-A-2 Operator: VOA GC/MS2

48 Benzene



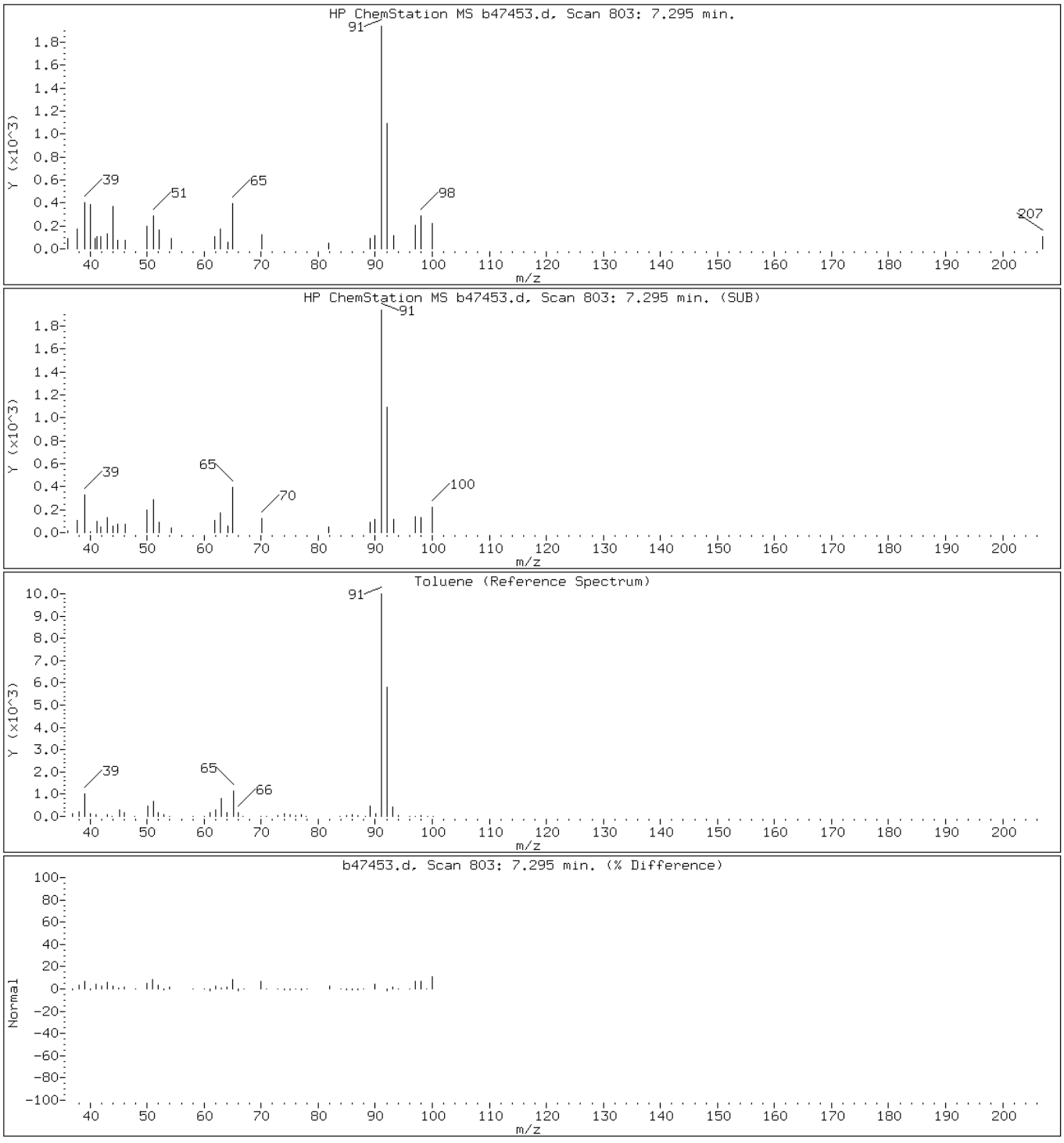
Data File: b47453.d

Date: 10-OCT-2012 03:02

Client ID: BD-01-100412 Instrument: VOAMS2.i

Sample Info: 460-45509-A-2 Operator: VOA GC/MS2

66 Toluene



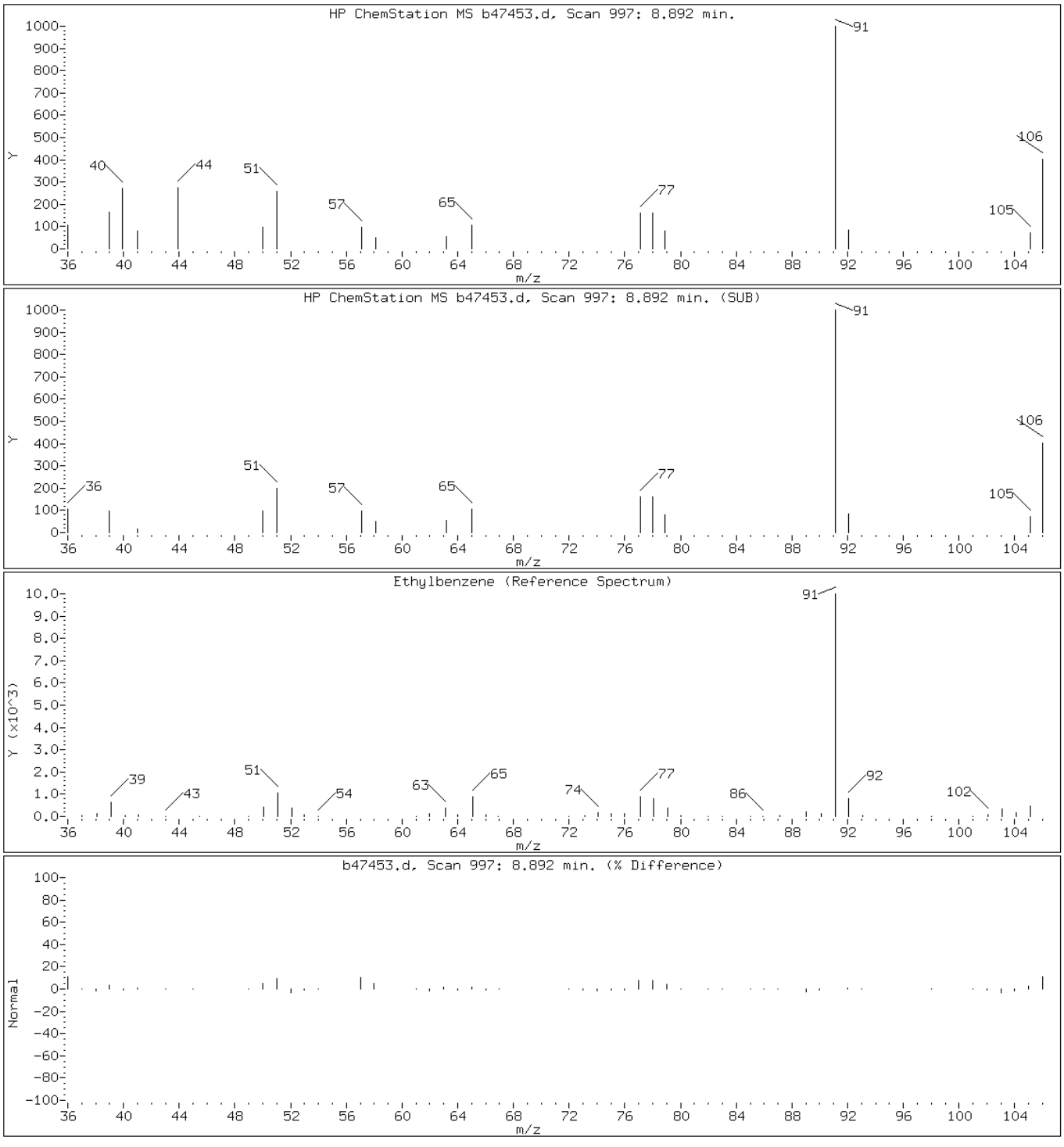
Data File: b47453.d

Date: 10-OCT-2012 03:02

Client ID: BD-01-100412 Instrument: VOAMS2.i

Sample Info: 460-45509-A-2 Operator: VOA GC/MS2

81 Ethylbenzene



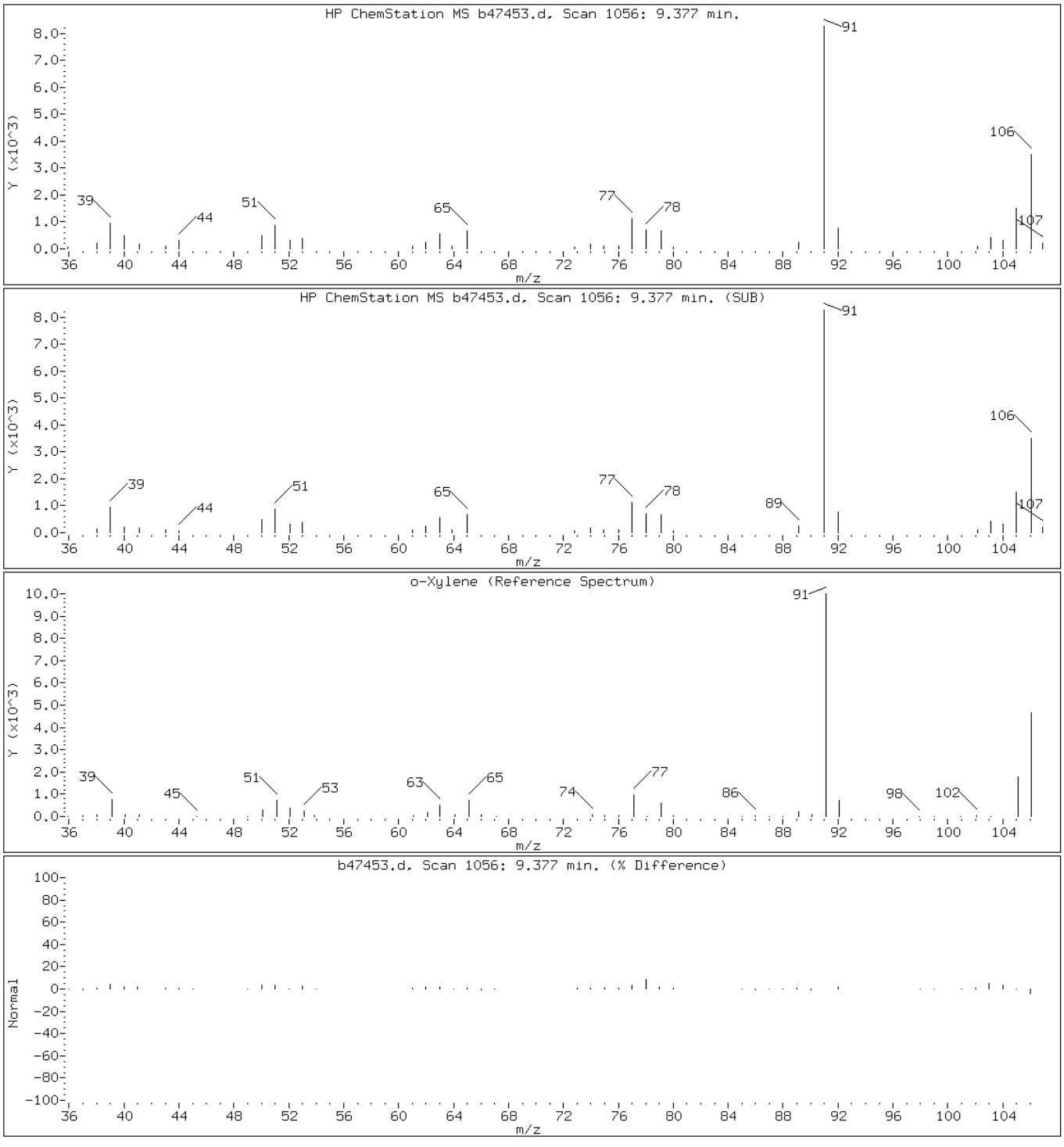
Data File: b47453.d

Date: 10-OCT-2012 03:02

Client ID: BD-01-100412 Instrument: VOAMS2.i

Sample Info: 460-45509-A-2 Operator: VOA GC/MS2

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-30 Lab Sample ID: 460-45509-3

Matrix: Water Lab File ID: b47454.d

Analysis Method: 8260B Date Collected: 10/04/2012 09:35

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 03:24

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.099	J	1.0	0.080
108-88-3	Toluene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47454.d
Report Date: 15-Oct-2012 08:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47454.d
Lab Smp Id: 460-45509-A-3 Client Smp ID: MW-30
Inj Date : 10-OCT-2012 03:24
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-3
Misc Info : 460-45509-A-3
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	18 Carbon Disulfide	76	2.481	2.489	(0.475)	18538	2.06355	2.1
	24 TBA	59	2.876	2.876	(0.551)	6649	15.6165	16(a)
	28 MTBE	73	2.958	2.950	(0.567)	3149	0.35753	0.36(a)
	36 cis-1,2-Dichloroethene	96	3.970	3.979	(0.760)	718	0.23022	0.23(a)
	48 Benzene	78	4.867	4.859	(0.555)	951	0.09899	0.099(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.892	(0.939)	234908	56.5128	56
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	520229	50.0000	
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	427933	53.4399	53
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	349783	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.871	9.863	(0.912)	113488	49.5755	50
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	144636	50.0000	

QC Flag Legend

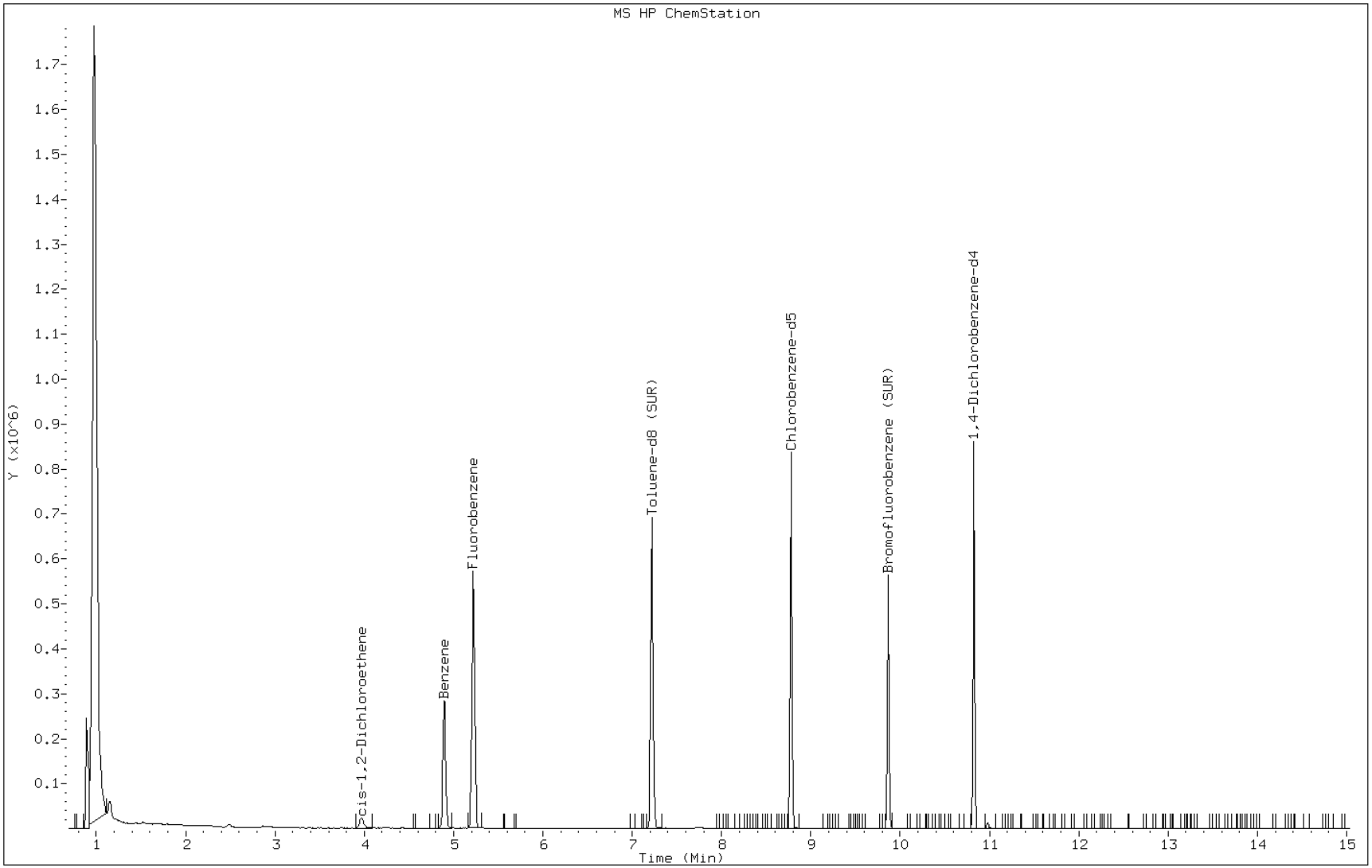
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b47454.d

Date: 10-OCT-2012 03:24

Client ID: MW-30 Instrument: VOAMS2.i

Sample Info: 460-45509-A-3 Operator: VOA GC/MS2



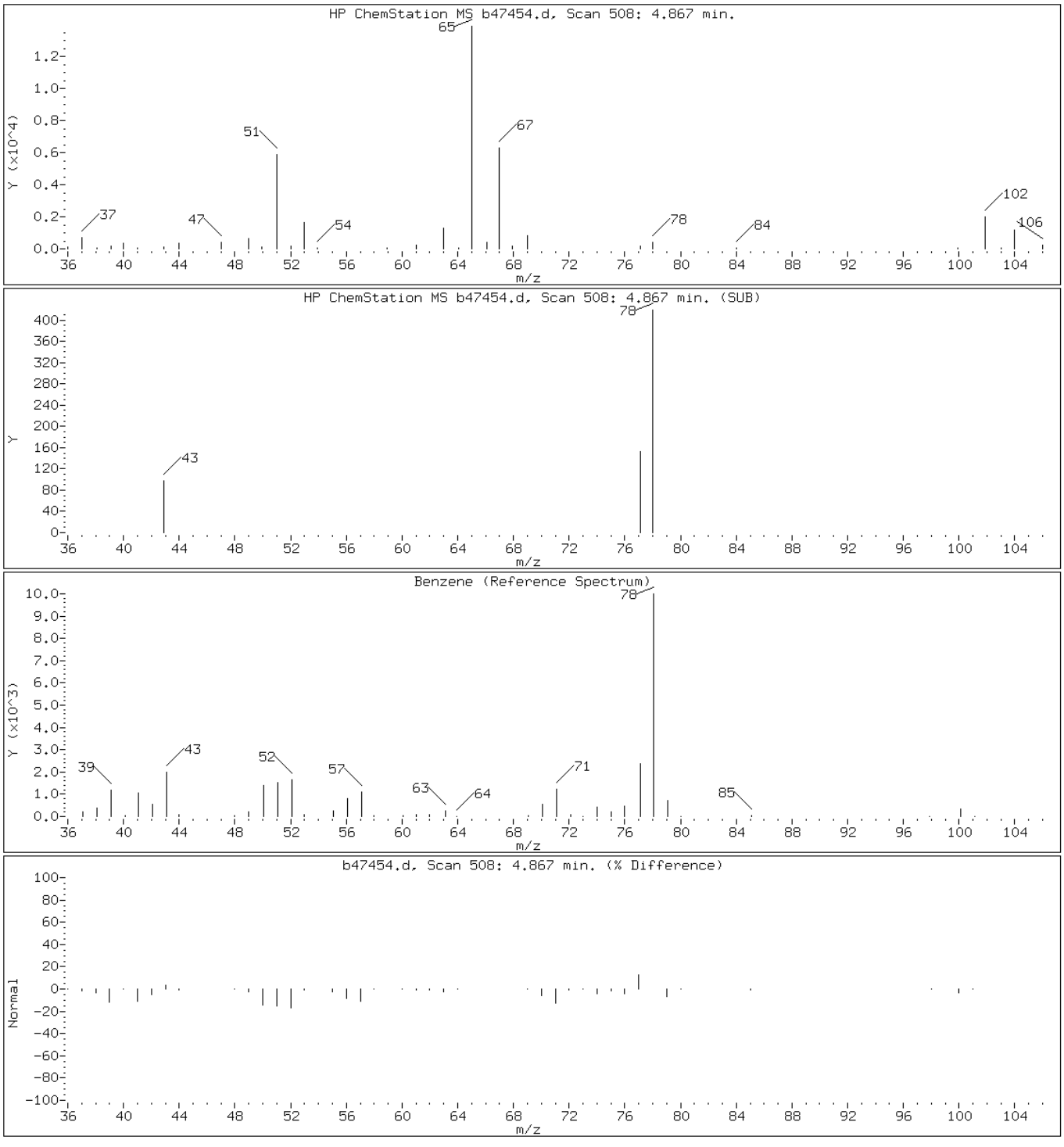
Data File: b47454.d

Date: 10-OCT-2012 03:24

Client ID: MW-30 Instrument: VOAMS2.i

Sample Info: 460-45509-A-3 Operator: VOA GC/MS2

48 Benzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-28 Lab Sample ID: 460-45509-4

Matrix: Water Lab File ID: b47455.d

Analysis Method: 8260B Date Collected: 10/04/2012 11:00

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 03:46

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	1.9		1.0	0.080
108-88-3	Toluene	0.16	J	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47455.d
Report Date: 15-Oct-2012 08:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47455.d
Lab Smp Id: 460-45509-A-4 Client Smp ID: MW-28
Inj Date : 10-OCT-2012 03:46
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-4
Misc Info : 460-45509-A-4
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.370	1.370	(0.262)	1146	0.35453	0.35(a)
	11 Ethyl Ether	59	2.102	2.102	(0.402)	276	0.11163	0.11(a)
	18 Carbon Disulfide	76	2.489	2.489	(0.476)	4795	0.54513	0.54(a)
	24 TBA	59	2.876	2.876	(0.550)	2434	5.83853	5.8(a)
	28 MTBE	73	2.958	2.950	(0.566)	2602	0.30172	0.30(a)
	30 1,1-Dichloroethane	63	3.394	3.394	(0.649)	1114	0.20065	0.20(a)
	44 Cyclohexane	56	4.440	4.431	(0.849)	3305	0.82257	0.82(a)
	48 Benzene	78	4.868	4.859	(0.555)	17966	1.88864	1.9(H)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.892	(0.937)	232494	57.1239	57
*	52 Fluorobenzene	96	5.230	5.221	(1.000)	509375	50.0000	
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	413772	52.1824	52
	66 Toluene	91	7.303	7.295	(0.832)	1585	0.15716	0.16(a)
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	346358	50.0000	
	79 Chlorobenzene	112	8.810	8.801	(1.004)	9856	1.38227	1.4
	88 Isopropylbenzene	105	9.698	9.690	(1.105)	5819	0.54724	0.55(a)
$	89 Bromofluorobenzene (SUR)	174	9.871	9.863	(0.912)	114178	49.9774	50

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47455.d
Report Date: 15-Oct-2012 08:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
95 n-Propylbenzene	91	10.052	10.044	(0.929)	1762	0.18130	0.18(a)
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	144345	50.0000	
171 Indan	117	11.023	11.023	(2.108)	5961	0.44996	0.45(a)
116 Naphthalene	128	12.595	12.595	(1.163)	5272	0.53642	0.54(a)

QC Flag Legend

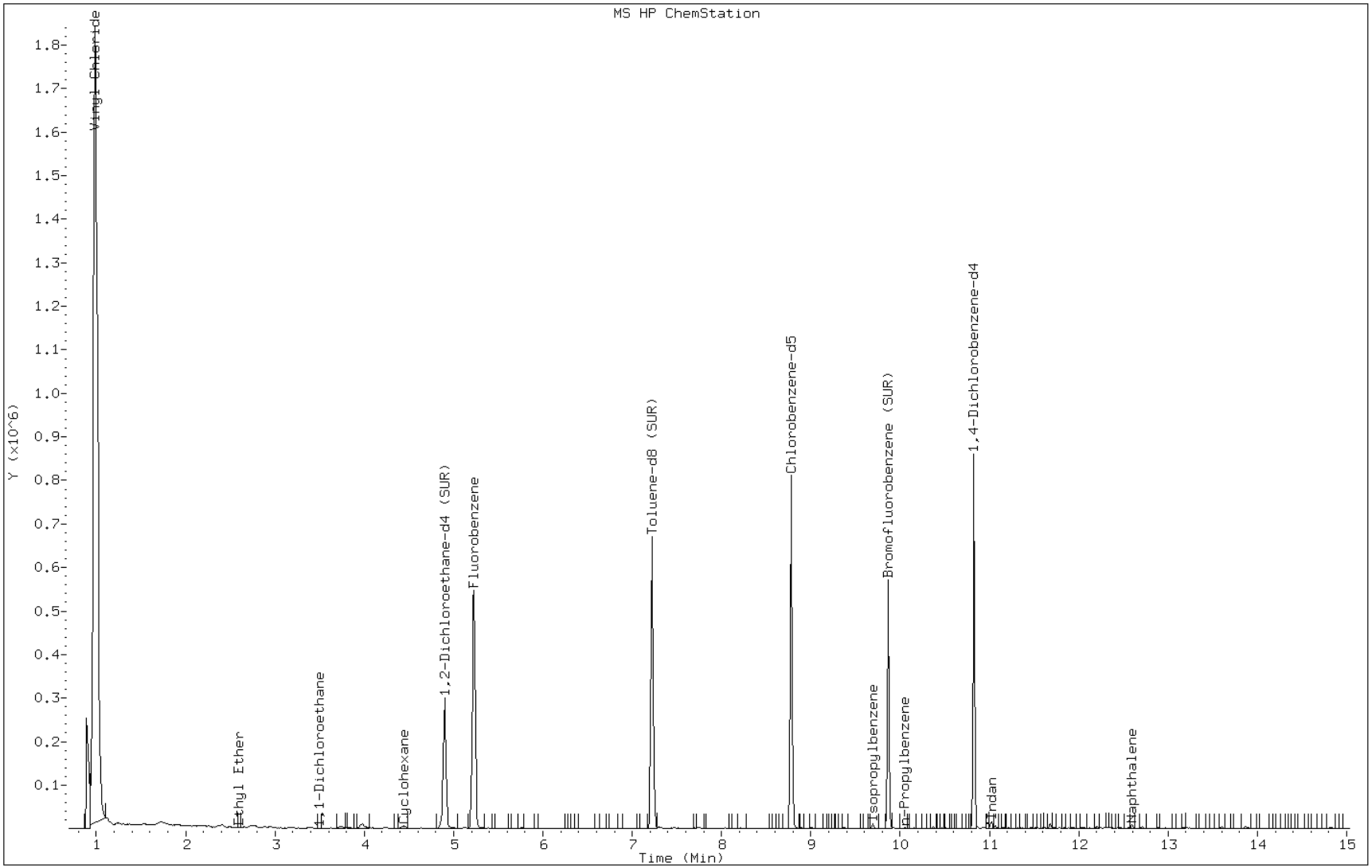
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: b47455.d

Date: 10-OCT-2012 03:46

Client ID: MW-28 Instrument: VOAMS2.i

Sample Info: 460-45509-A-4 Operator: VOA GC/MS2



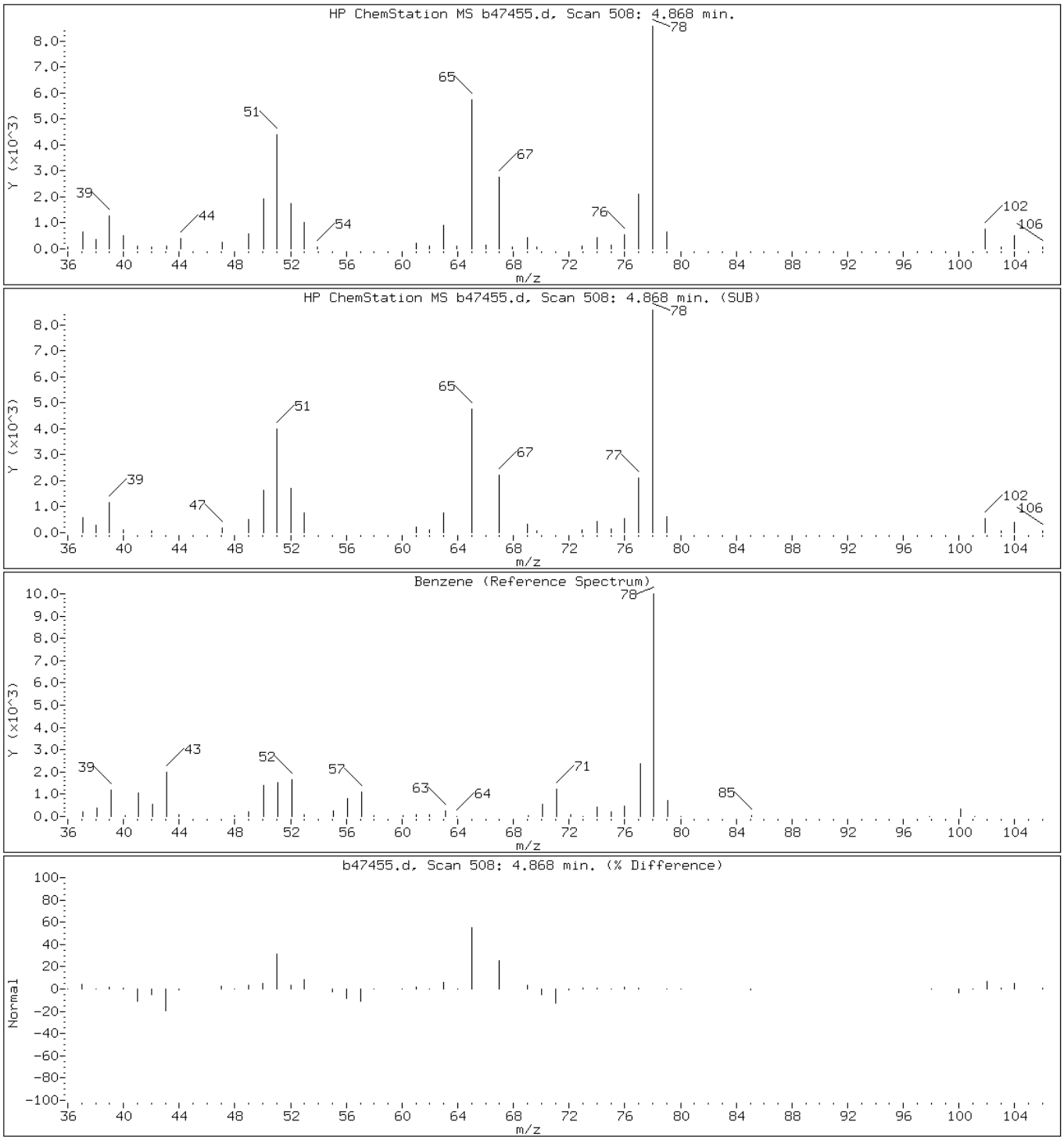
Data File: b47455.d

Date: 10-OCT-2012 03:46

Client ID: MW-28 Instrument: VOAMS2.i

Sample Info: 460-45509-A-4 Operator: VOA GC/MS2

48 Benzene



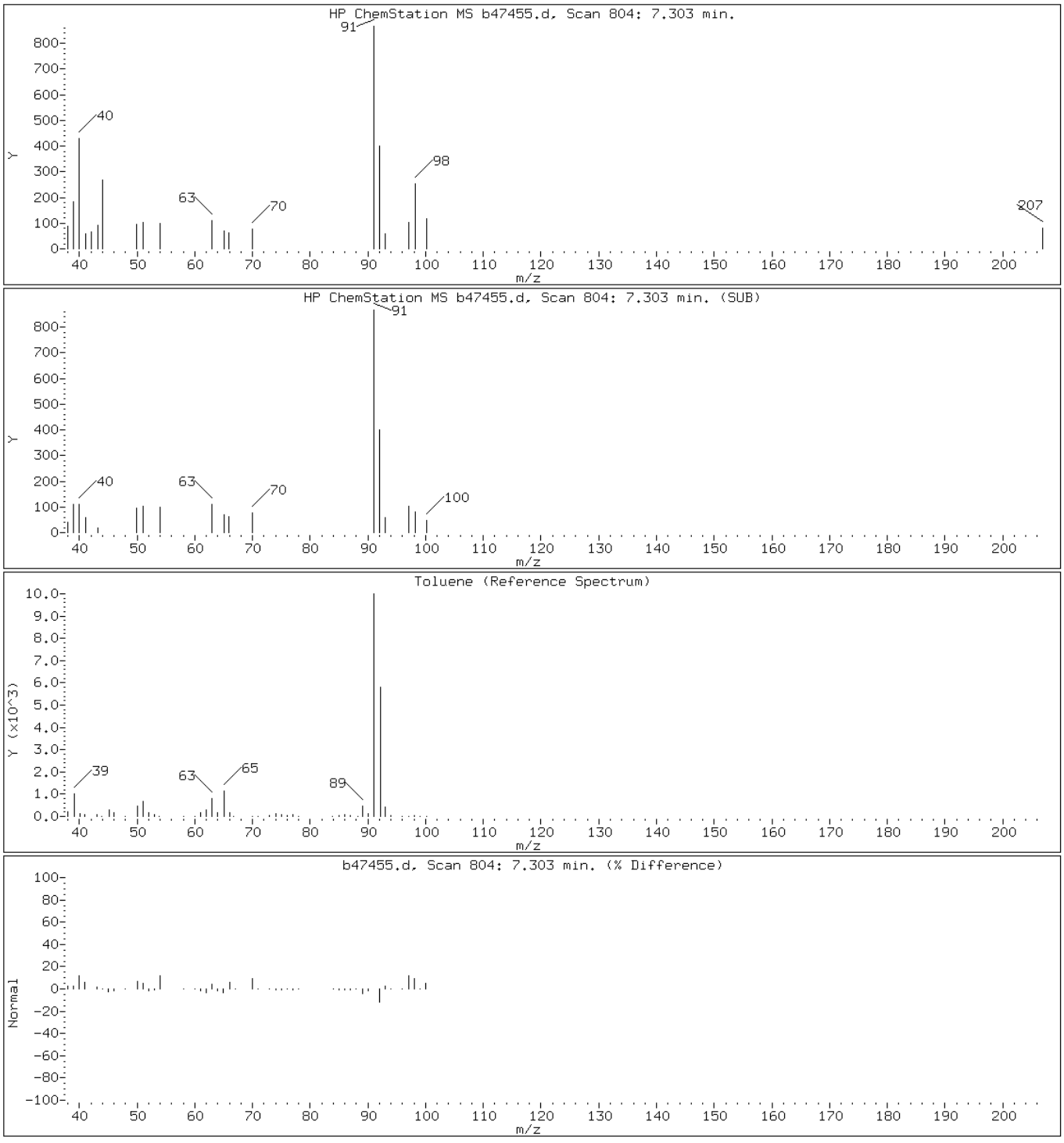
Data File: b47455.d

Date: 10-OCT-2012 03:46

Client ID: MW-28 Instrument: VOAMS2.i

Sample Info: 460-45509-A-4 Operator: VOA GC/MS2

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-8SR | Lab Sample ID: 460-45509-5

Matrix: Water | Lab File ID: b47456.d

Analysis Method: 8260B | Date Collected: 10/04/2012 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/10/2012 04:08

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.: 131290 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.69	J	1.0	0.080
108-88-3	Toluene	0.36	J	1.0	0.15
100-41-4	Ethylbenzene	0.16	J	1.0	0.10
1330-20-7	Xylenes, Total	1.4	J	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47456.d
Report Date: 15-Oct-2012 08:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47456.d
Lab Smp Id: 460-45509-A-5 Client Smp ID: MW-8SR
Inj Date : 10-OCT-2012 04:08
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-5
Misc Info : 460-45509-A-5
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 TBA	59	2.876	2.876	(0.550)	2637	6.26640	6.3(a)
	28 MTBE	73	2.950	2.950	(0.564)	2700	0.31016	0.31(a)
	25 trans-1,2-Dichloroethene	96	2.958	2.966	(0.566)	477	0.17190	0.17(a)
	30 1,1-Dichloroethane	63	3.394	3.394	(0.649)	1151	0.20538	0.20(a)
	44 Cyclohexane	56	4.431	4.431	(0.847)	10307	2.54131	2.5
	48 Benzene	78	4.867	4.859	(0.555)	6595	0.69419	0.69(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.892	(0.937)	232016	56.4741	56
*	52 Fluorobenzene	96	5.230	5.221	(1.000)	514177	50.0000	
	56 Methyl cyclohexane	83	5.797	5.781	(1.109)	1063	0.28900	0.29(a)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	423225	53.4441	53
	66 Toluene	91	7.295	7.295	(0.831)	3629	0.36031	0.36(a)
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	345907	50.0000	
	79 Chlorobenzene	112	8.809	8.801	(1.004)	96441	13.5431	14
	81 Ethylbenzene	106	8.892	8.892	(1.013)	538	0.15840	0.16(a)
	84 o-Xylene	106	9.377	9.369	(1.068)	5747	1.38328	1.4
	88 Isopropylbenzene	105	9.698	9.690	(1.105)	4142	0.39004	0.39(a)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47456.d
Report Date: 15-Oct-2012 08:04

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 89 Bromofluorobenzene (SUR)	174	9.871	9.863	(0.912)	116148	50.2483	50
95 n-Propylbenzene	91	10.052	10.044	(0.929)	3826	0.38910	0.39(a)
100 tert-Butylbenzene	119	10.464	10.464	(0.967)	1940	0.33900	0.34(aH)
103 sec-Butylbenzene	105	10.645	10.645	(0.983)	2313	0.27218	0.27(a)
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	146044	50.0000	
109 1,4-Dichlorobenzene	146	10.850	10.842	(1.002)	1878	0.40293	0.40(a)
171 Indan	117	11.023	11.023	(2.108)	1278	0.09557	0.096(a)
106 n-Butylbenzene	91	11.089	11.081	(1.024)	1269	0.15312	0.15(a)
111 1,2-Dichlorobenzene	146	11.147	11.139	(1.030)	3954	0.88791	0.89(a)
M 121 Xylene (Total)	100				5747	1.38328	1.4(a)

QC Flag Legend

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

Data File: b47456.d

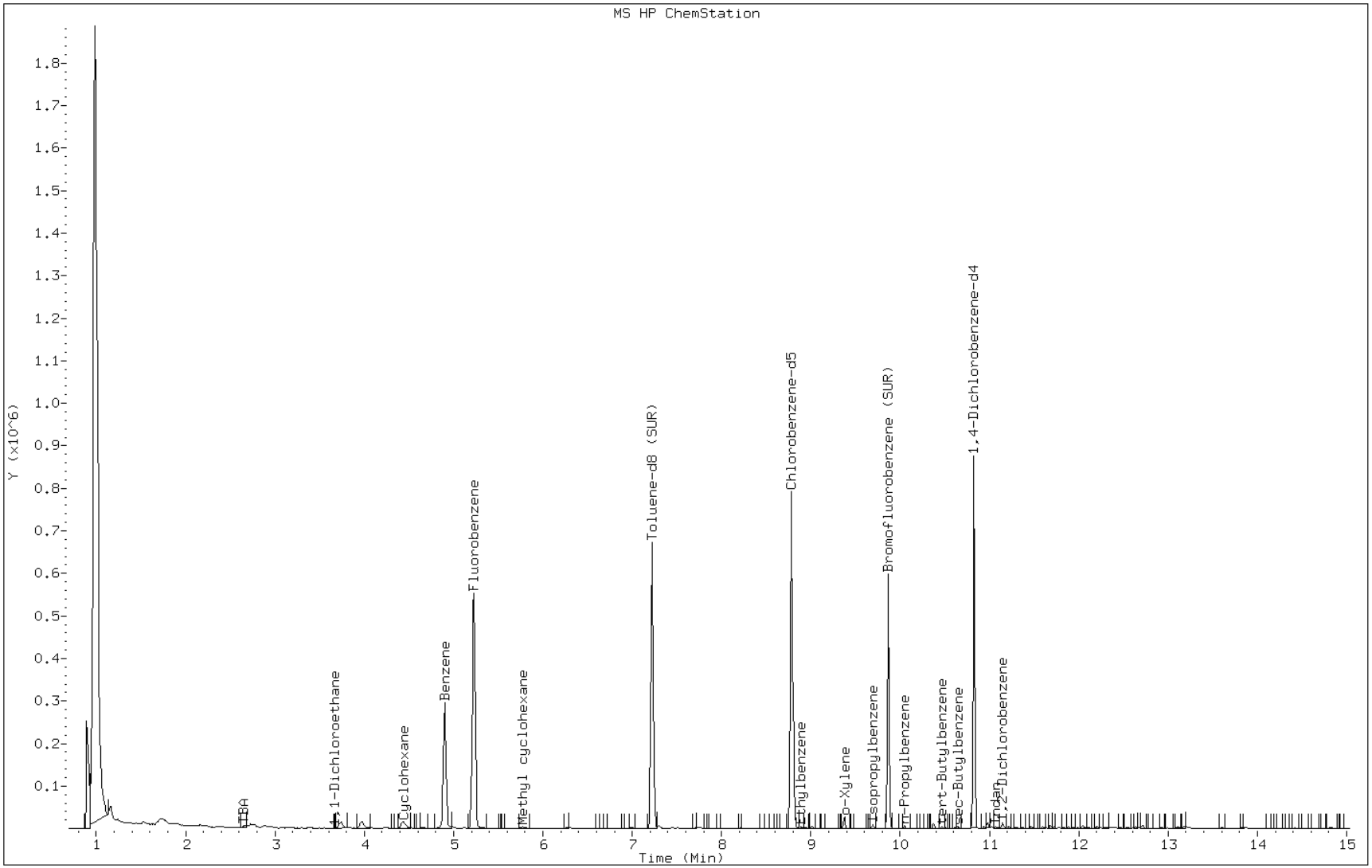
Date: 10-OCT-2012 04:08

Client ID: MW-8SR

Instrument: VOAMS2.i

Sample Info: 460-45509-A-5

Operator: VOA GC/MS2



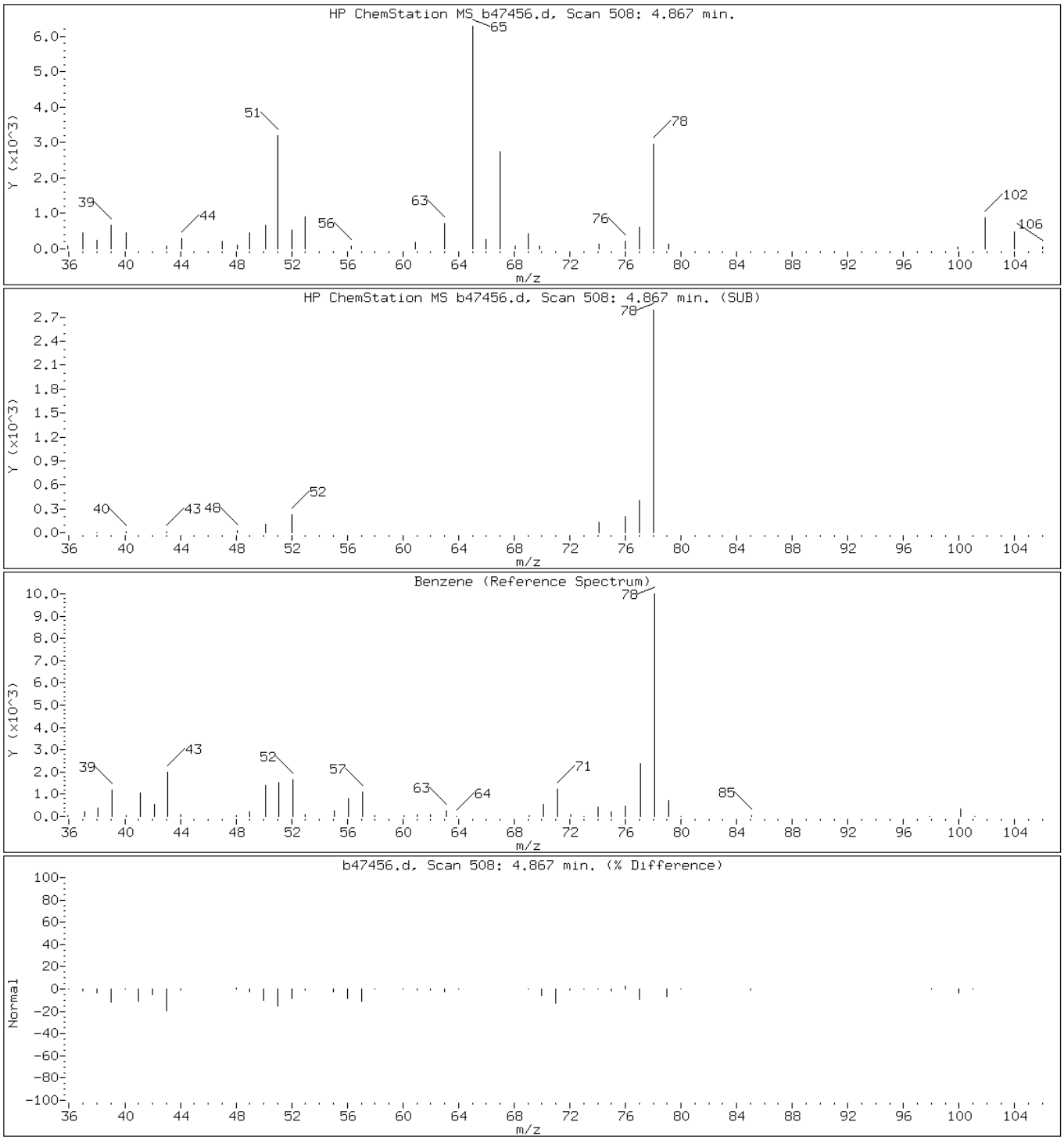
Data File: b47456.d

Date: 10-OCT-2012 04:08

Client ID: MW-8SR Instrument: VOAMS2.i

Sample Info: 460-45509-A-5 Operator: VOA GC/MS2

48 Benzene



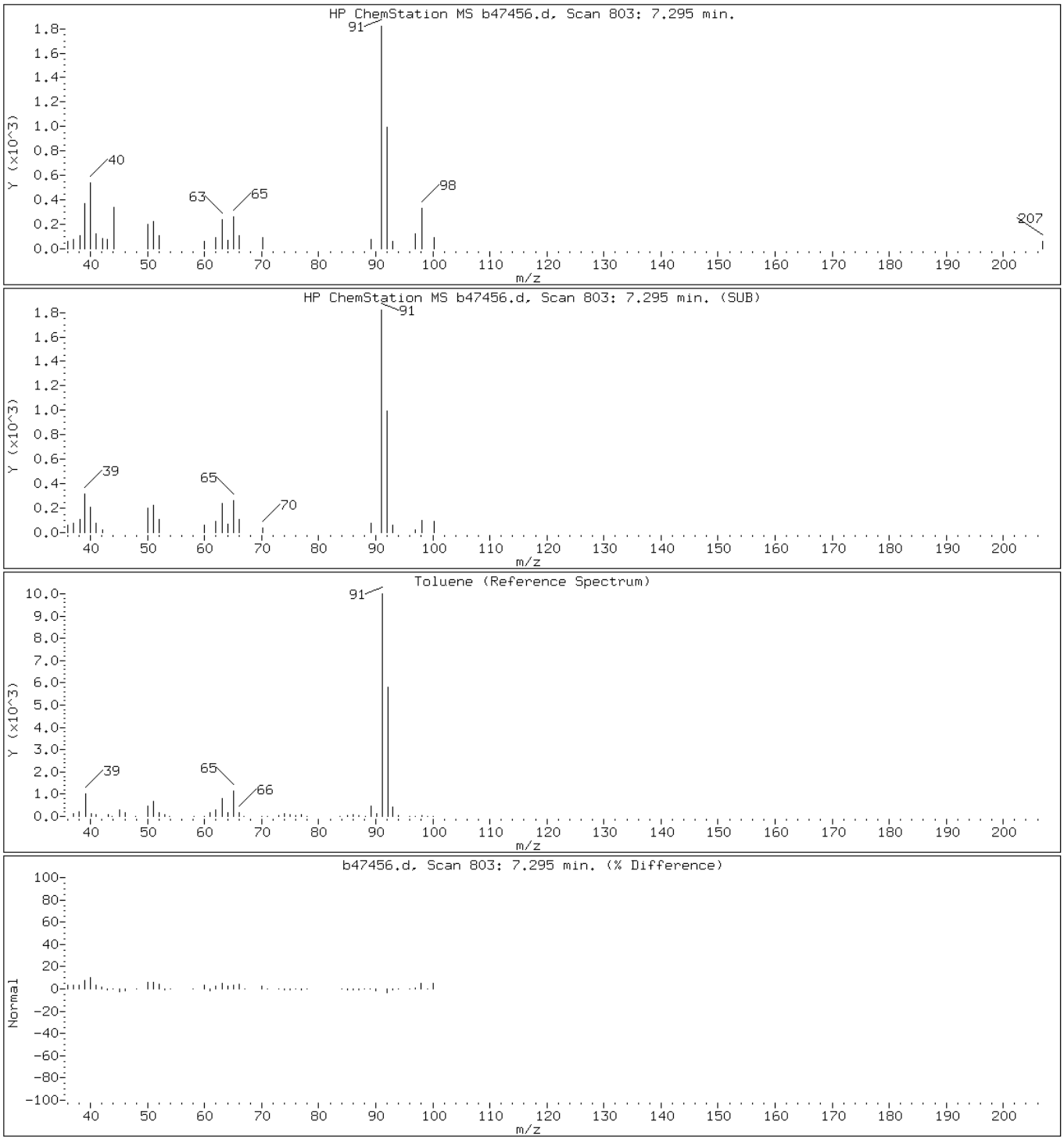
Data File: b47456.d

Date: 10-OCT-2012 04:08

Client ID: MW-8SR Instrument: VOAMS2.i

Sample Info: 460-45509-A-5 Operator: VOA GC/MS2

66 Toluene



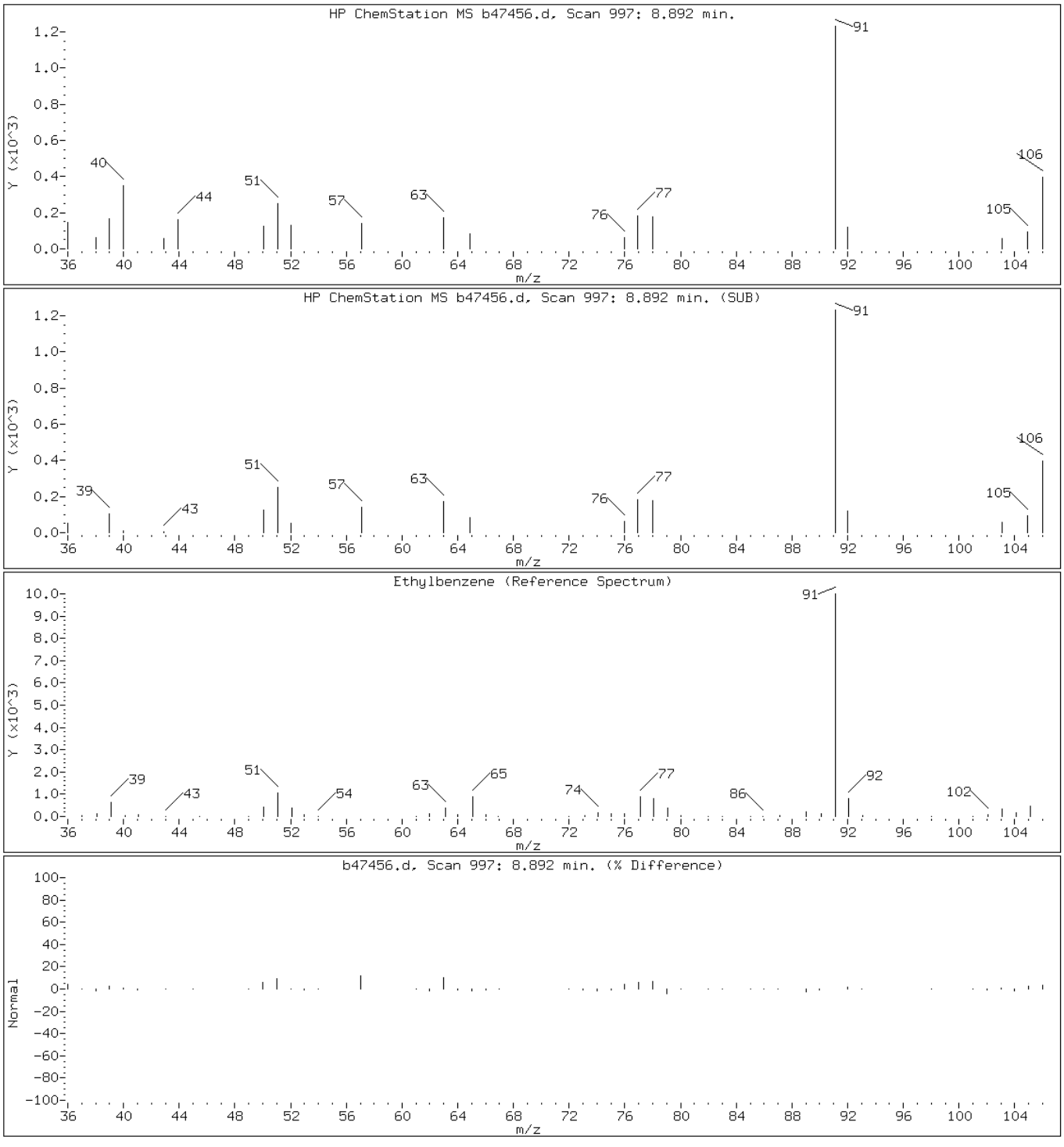
Data File: b47456.d

Date: 10-OCT-2012 04:08

Client ID: MW-8SR Instrument: VOAMS2.i

Sample Info: 460-45509-A-5 Operator: VOA GC/MS2

81 Ethylbenzene



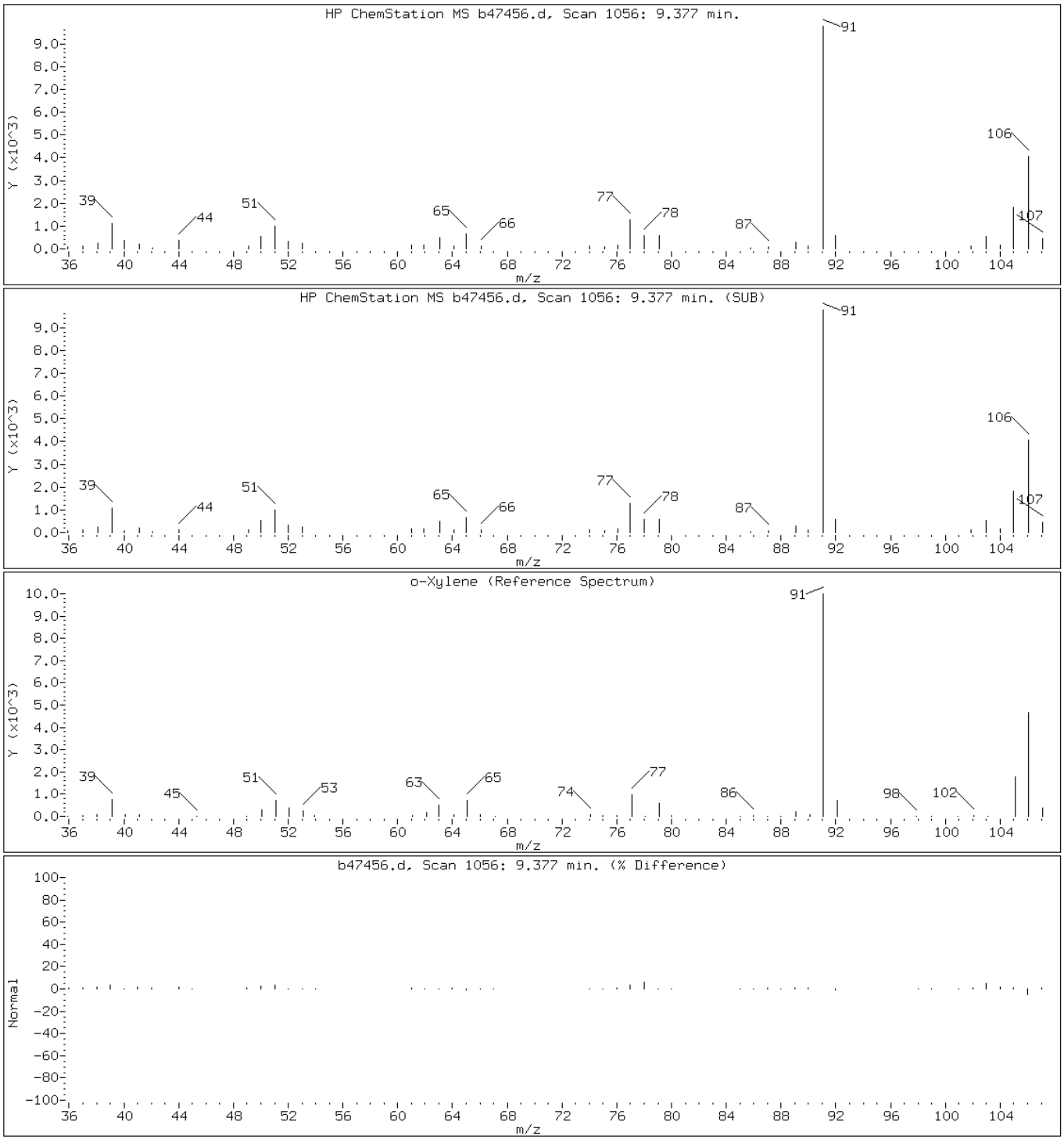
Data File: b47456.d

Date: 10-OCT-2012 04:08

Client ID: MW-8SR Instrument: VOAMS2.i

Sample Info: 460-45509-A-5 Operator: VOA GC/MS2

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-3S Lab Sample ID: 460-45509-6

Matrix: Water Lab File ID: b47457.d

Analysis Method: 8260B Date Collected: 10/04/2012 10:00

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 04:30

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.27	J	1.0	0.080
108-88-3	Toluene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47457.d
Report Date: 15-Oct-2012 08:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47457.d
Lab Smp Id: 460-45509-A-6 Client Smp ID: MW-3S
Inj Date : 10-OCT-2012 04:30
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-6
Misc Info : 460-45509-A-6
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 19
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)
48 Benzene	78	4.868	4.859	(0.554)	2549	0.27296	0.27(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.892	(0.937)	229141	56.4826	56
* 52 Fluorobenzene	96	5.230	5.221	(1.000)	507729	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.221	7.221	(0.822)	415973	53.4397	53
* 78 Chlorobenzene-d5	117	8.785	8.777	(1.000)	340008	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.871	9.863	(0.912)	112471	50.6258	51
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	140366	50.0000	

QC Flag Legend

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

Data File: b47457.d

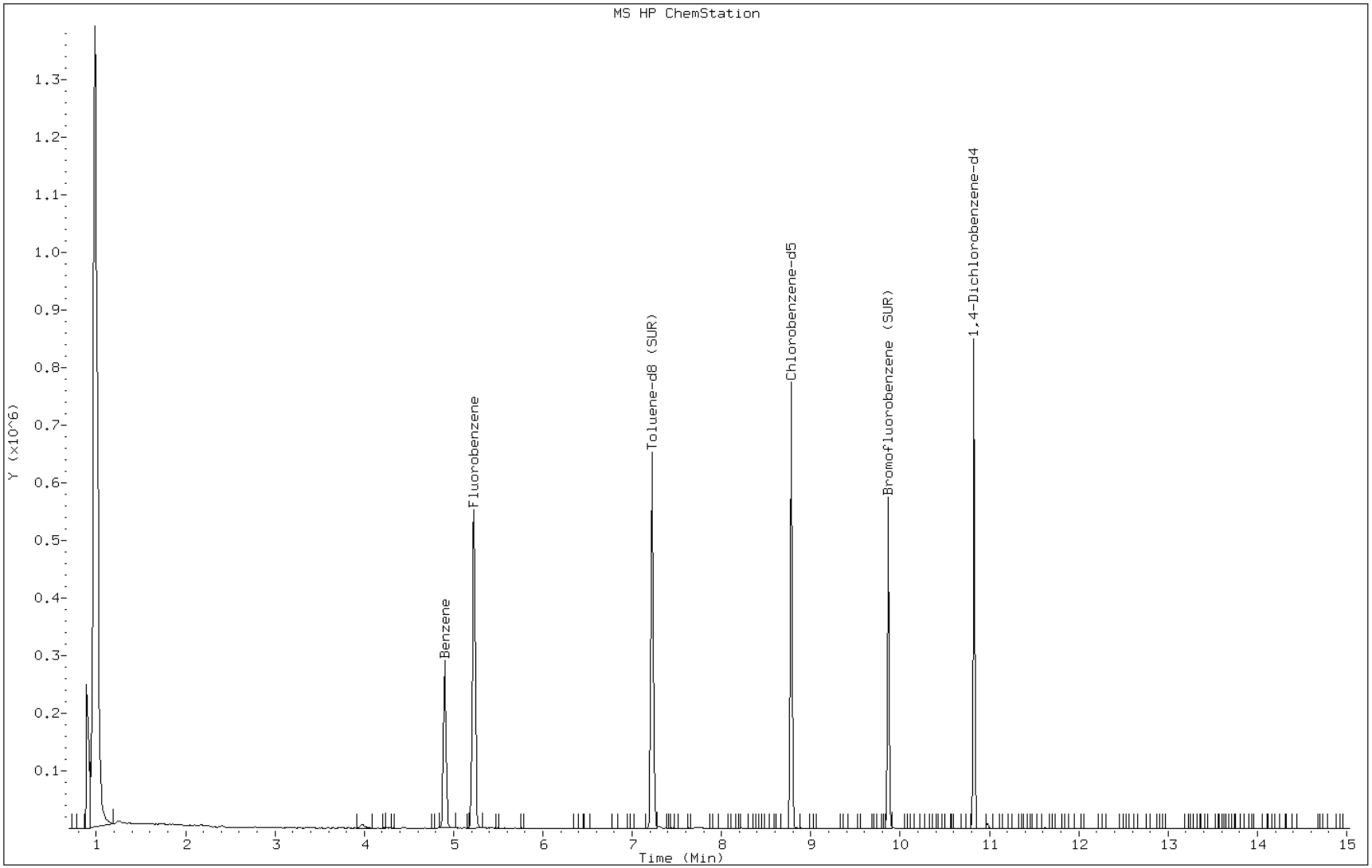
Date: 10-OCT-2012 04:30

Client ID: MW-3S

Instrument: VOAMS2.i

Sample Info: 460-45509-A-6

Operator: VOA GC/MS2



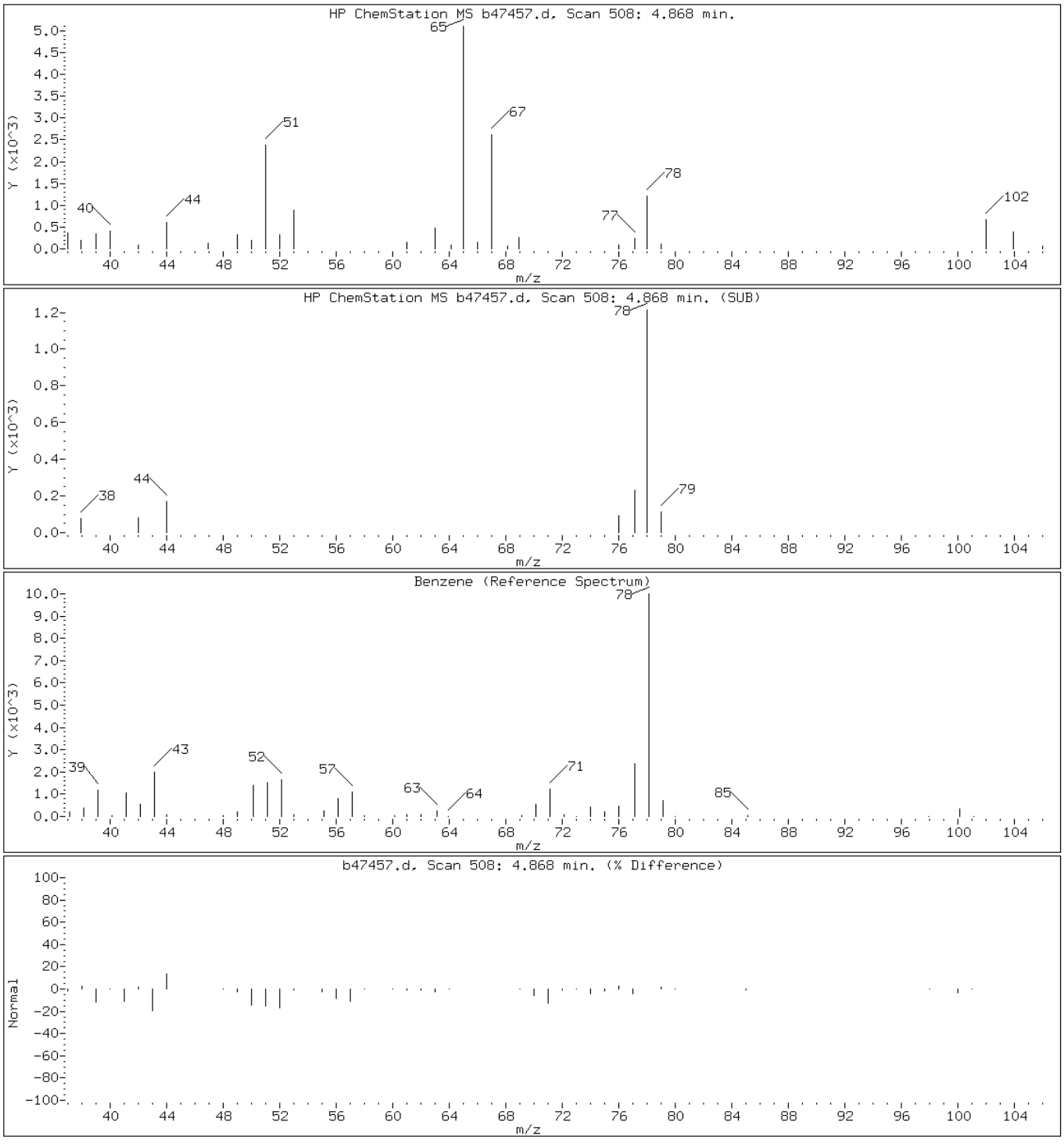
Data File: b47457.d

Date: 10-OCT-2012 04:30

Client ID: MW-3S Instrument: VOAMS2.i

Sample Info: 460-45509-A-6 Operator: VOA GC/MS2

48 Benzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-27 Lab Sample ID: 460-45509-7

Matrix: Water Lab File ID: b47465.d

Analysis Method: 8260B Date Collected: 10/04/2012 11:50

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 08:25

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.: 131374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	1.1		1.0	0.080
108-88-3	Toluene	0.22	J	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
460-00-4	Bromofluorobenzene	106		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47465.d
Report Date: 12-Oct-2012 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47465.d
Lab Smp Id: 460-45509-A-7 Client Smp ID: MW-27
Inj Date : 10-OCT-2012 08:25
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-7
Misc Info : 460-45509-A-7
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 18:50 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 7
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)
	28 MTBE	73	2.950	2.950	(0.564)	2446	0.29177	0.29(a)
	25 trans-1,2-Dichloroethene	96	2.967	2.966	(0.567)	499	0.18673	0.19(a)
	44 Cyclohexane	56	4.431	4.440	(0.847)	4619	1.18258	1.2
	48 Benzene	78	4.868	4.867	(0.554)	10090	1.10450	1.1
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.901	4.900	(0.937)	229423	57.9864	58
*	52 Fluorobenzene	96	5.230	5.230	(1.000)	495170	50.0000	
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.822)	420133	55.1730	55
	66 Toluene	91	7.304	7.303	(0.831)	2087	0.21549	0.22(a)
*	78 Chlorobenzene-d5	117	8.785	8.777	(1.000)	332620	50.0000	
	79 Chlorobenzene	112	8.810	8.810	(1.003)	29958	4.37504	4.4
	84 o-Xylene	106	9.377	9.377	(1.067)	614	0.15369	0.15(a)
	88 Isopropylbenzene	105	9.698	9.698	(1.104)	2119	0.20751	0.21(a)
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	115204	53.1172	53
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	991	0.10741	0.11(a)
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	137033	50.0000	
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	1834	0.43893	0.44(a)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47465.d
Report Date: 12-Oct-2012 11:36

QC Flag Legend

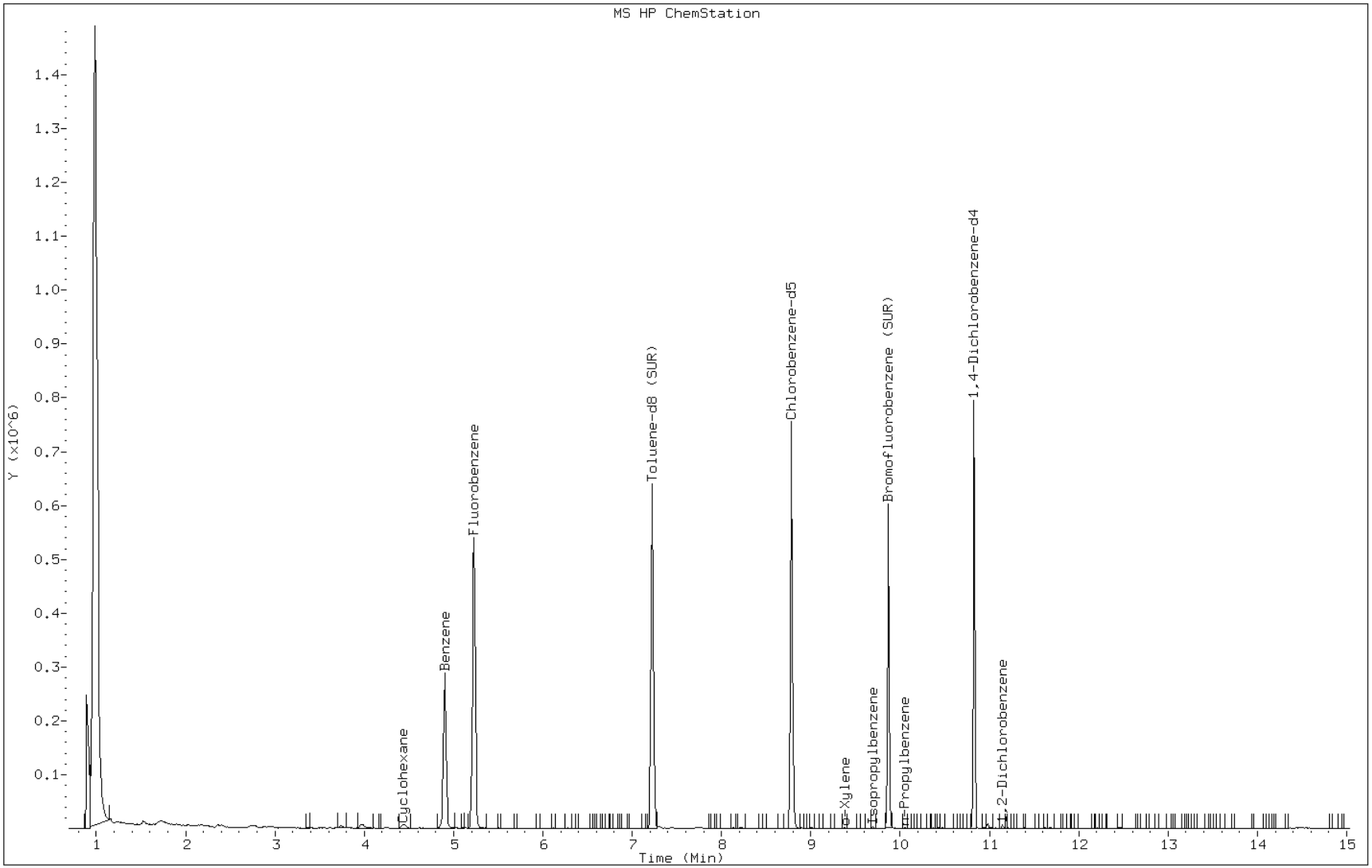
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: b47465.d

Date: 10-OCT-2012 08:25

Client ID: MW-27 Instrument: VOAMS2.i

Sample Info: 460-45509-A-7 Operator: VOA GC/MS2



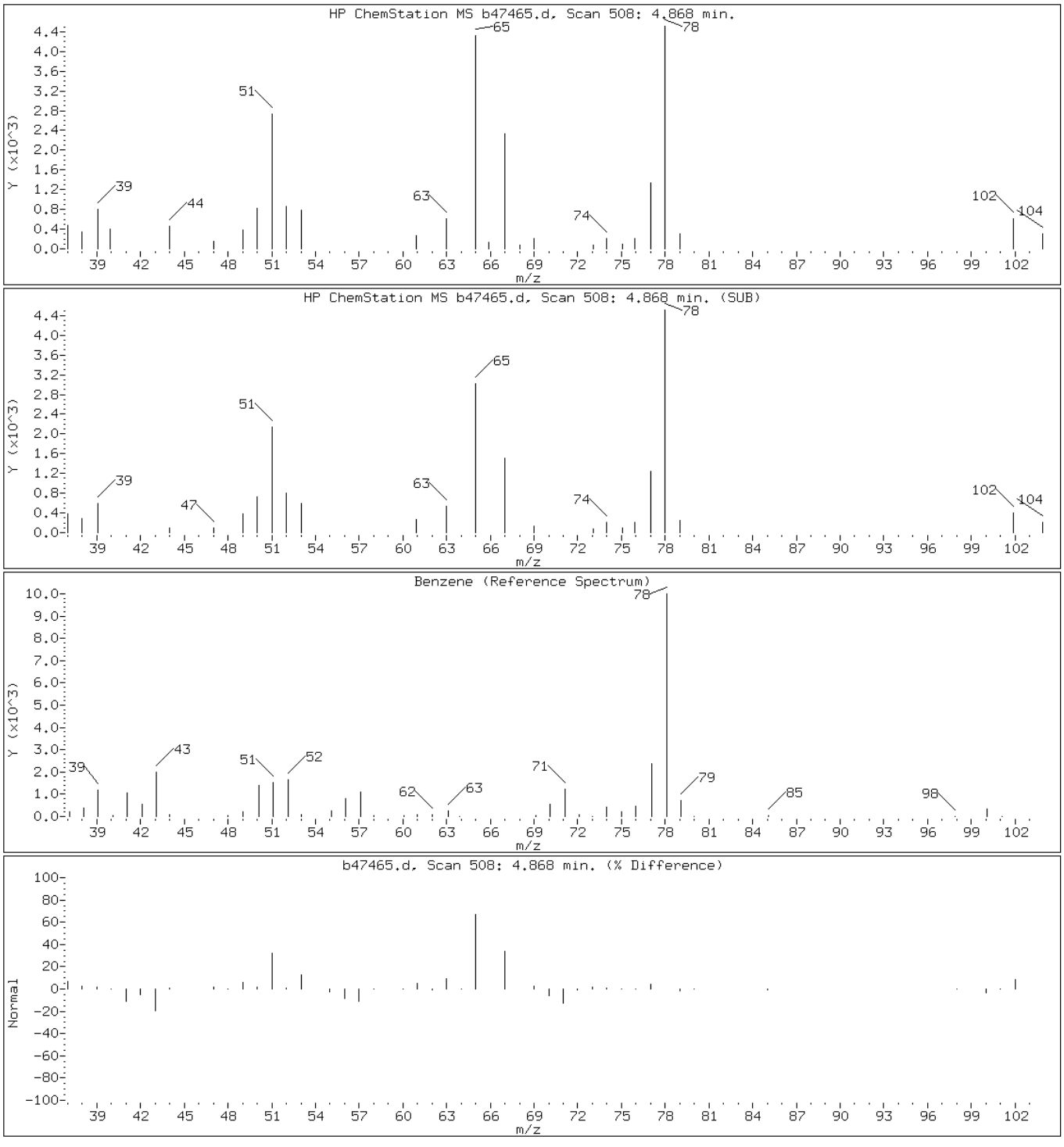
Data File: b47465.d

Date: 10-OCT-2012 08:25

Client ID: MW-27 Instrument: VOAMS2.i

Sample Info: 460-45509-A-7 Operator: VOA GC/MS2

48 Benzene



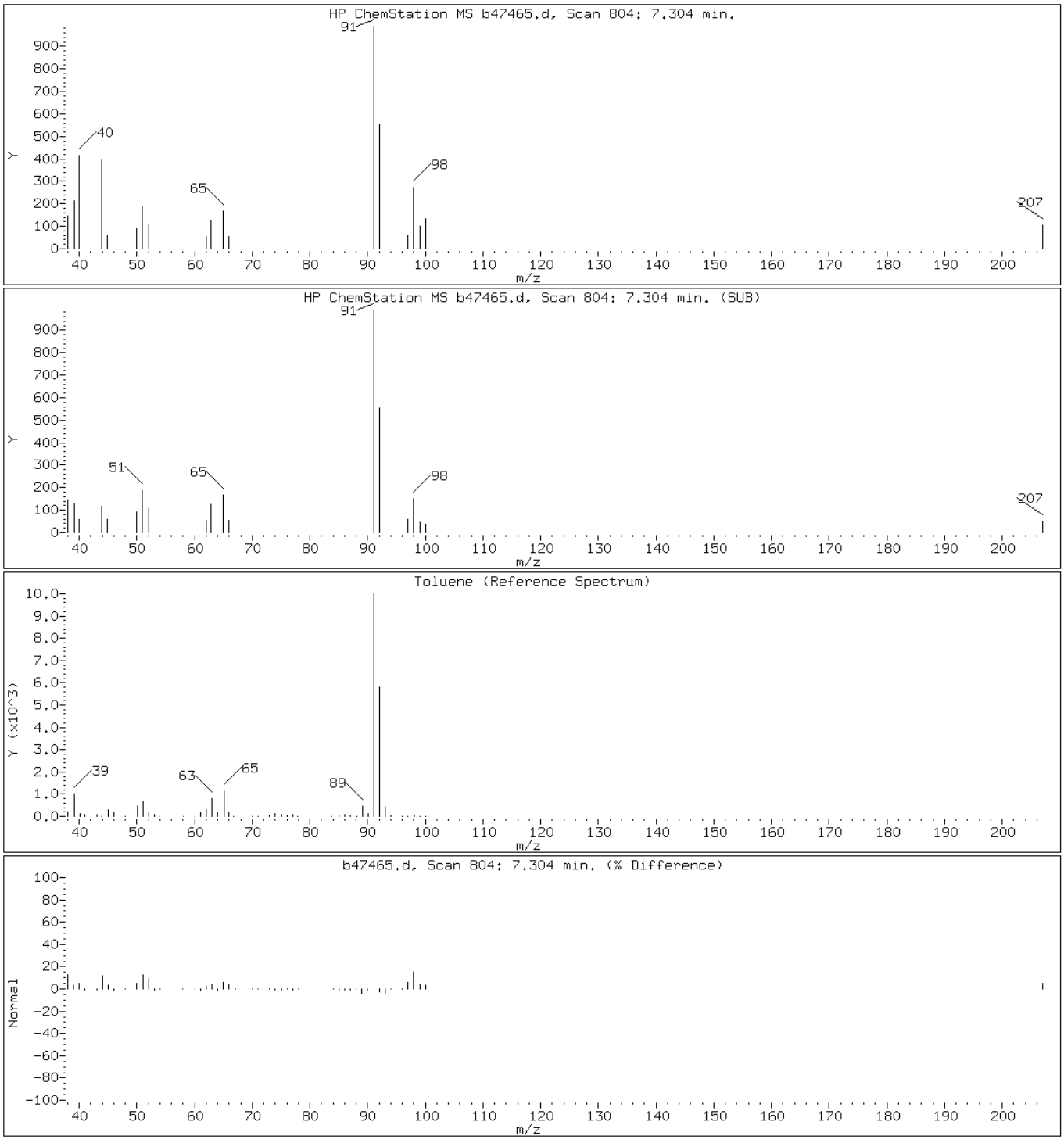
Data File: b47465.d

Date: 10-OCT-2012 08:25

Client ID: MW-27 Instrument: VOAMS2.i

Sample Info: 460-45509-A-7 Operator: VOA GC/MS2

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 Lab Sample ID: 460-45509-8

Matrix: Water Lab File ID: b47445.d

Analysis Method: 8260B Date Collected: 10/04/2012 14:05

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 00:05

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	36	B	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.080	U	1.0	0.080
108-88-3	Toluene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
460-00-4	Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47445.d
Report Date: 10-Oct-2012 08:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47445.d
Lab Smp Id: 460-45509-A-8 Client Smp ID: MW-35
Inj Date : 10-OCT-2012 00:05
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-8
Misc Info : 460-45509-A-8
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 7
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)
16 Acetone	43	2.390	2.407	(0.458)	57095	35.7119	36
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.892	4.892	(0.937)	226109	56.8404	57
* 52 Fluorobenzene	96	5.221	5.221	(1.000)	497857	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	399519	53.6002	54
* 78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	325581	50.0000	
79 Chlorobenzene	112	8.801	8.801	(1.003)	2123	0.31674	0.32(a)
$ 89 Bromofluorobenzene (SUR)	174	9.871	9.863	(0.912)	106442	50.5401	50
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	133067	50.0000	

QC Flag Legend

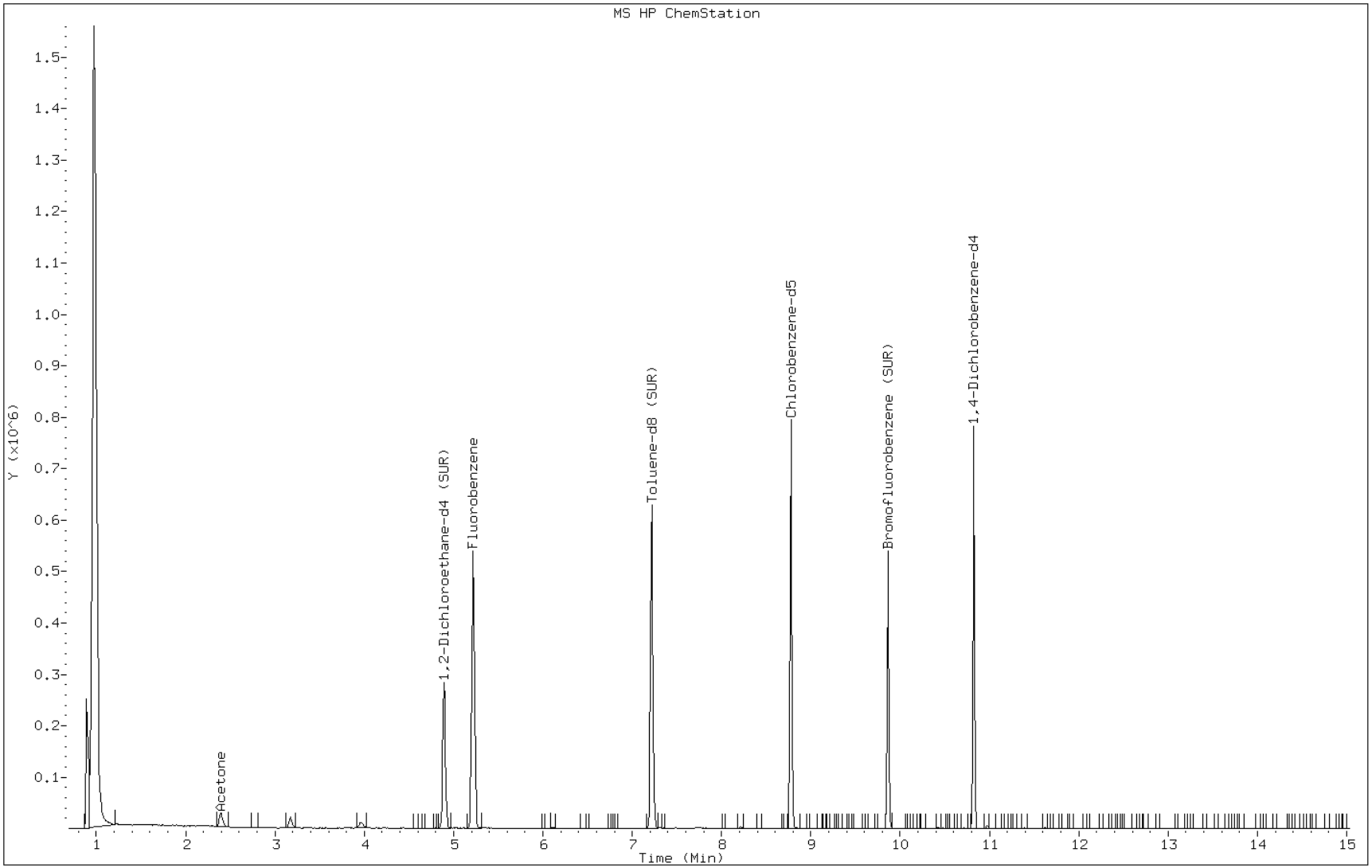
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b47445.d

Date: 10-OCT-2012 00:05

Client ID: MW-35 Instrument: VOAMS2.i

Sample Info: 460-45509-A-8 Operator: VOA GC/MS2



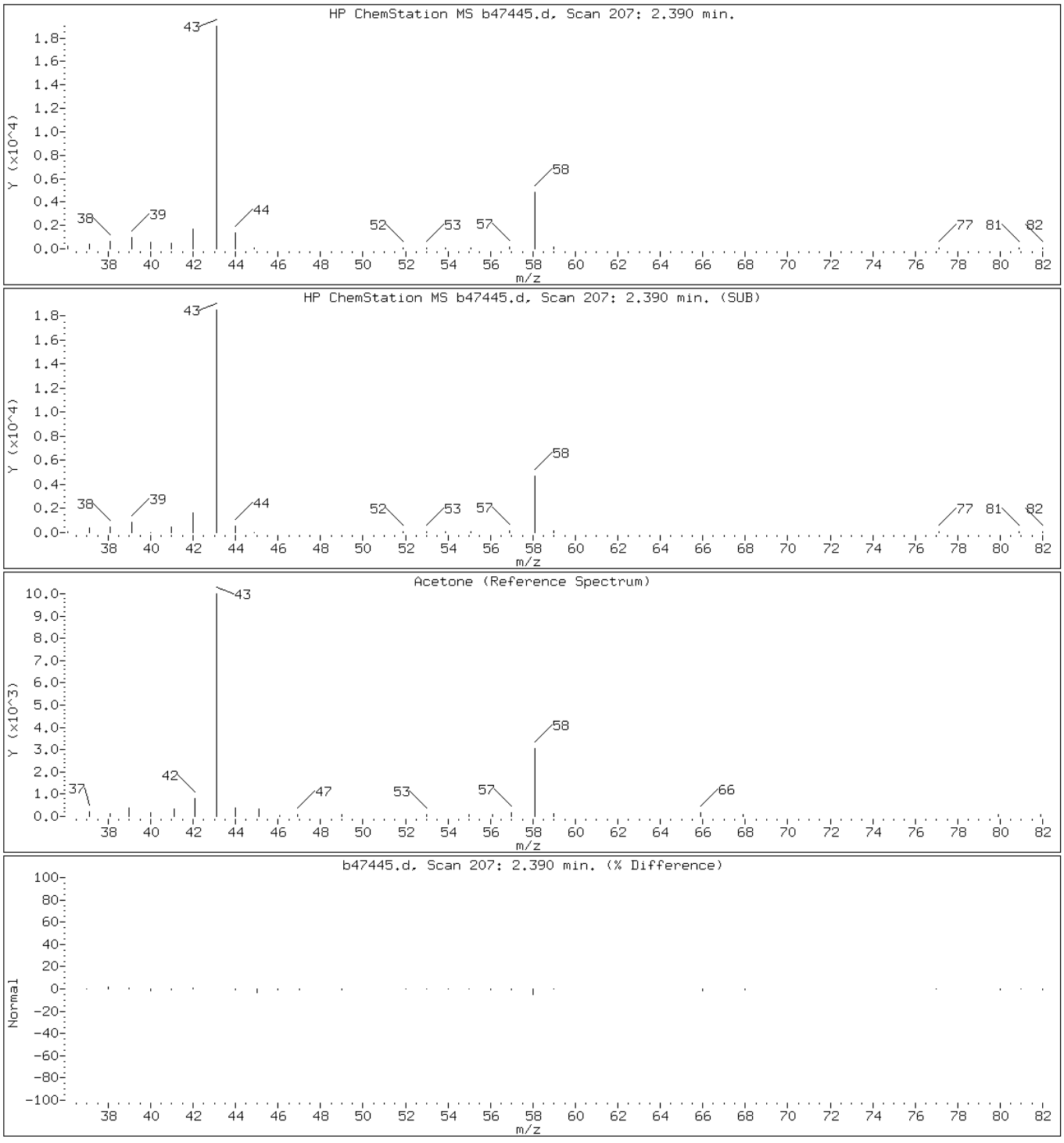
Data File: b47445.d

Date: 10-OCT-2012 00:05

Client ID: MW-35 Instrument: VOAMS2.i

Sample Info: 460-45509-A-8 Operator: VOA GC/MS2

16 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-34 Lab Sample ID: 460-45509-9

Matrix: Water Lab File ID: b47466.d

Analysis Method: 8260B Date Collected: 10/04/2012 15:45

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 08:47

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.: 131374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	61		10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	1.6		1.0	0.080
108-88-3	Toluene	0.78	J	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	2.2	J	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
460-00-4	Bromofluorobenzene	103		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47466.d
Report Date: 12-Oct-2012 11:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47466.d
Lab Smp Id: 460-45509-A-9 Client Smp ID: MW-34
Inj Date : 10-OCT-2012 08:47
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-9
Misc Info : 460-45509-A-9
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 18:50 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 8
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)
	16 Acetone	43	2.407	2.407	(0.460)	100794	60.7871	61
	24 TBA	59	2.884	2.884	(0.552)	3977	9.30296	9.3(a)
	28 MTBE	73	2.958	2.950	(0.566)	6497	0.73457	0.73(a)
	32 DIPE	45	3.403	3.394	(0.651)	2219	0.22259	0.22(a)
	44 Cyclohexane	56	4.440	4.440	(0.849)	13487	3.27304	3.3
	48 Benzene	78	4.868	4.867	(0.554)	15434	1.64069	1.6
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.901	4.900	(0.937)	237146	56.8105	57
*	52 Fluorobenzene	96	5.230	5.230	(1.000)	522434	50.0000	
	56 Methyl cyclohexane	83	5.789	5.789	(1.107)	575	0.15391	0.15(a)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.822)	423961	54.0669	54
	66 Toluene	91	7.304	7.303	(0.831)	7757	0.77786	0.78(a)
*	78 Chlorobenzene-d5	117	8.785	8.777	(1.000)	342517	50.0000	
	79 Chlorobenzene	112	8.810	8.810	(1.003)	181077	25.6802	26
	82 m+p-Xylene	106	9.007	9.007	(1.025)	3963	0.95795	0.96(a)
	84 o-Xylene	106	9.377	9.377	(1.067)	5113	1.24300	1.2
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	115904	51.3594	51

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47466.d
Report Date: 12-Oct-2012 11:38

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
101 1,2,4-Trimethylbenzene	105	10.521	10.521	(0.972)	2092	0.27003	0.27(a)
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	142584	50.0000	
109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	2738	0.60189	0.60(a)
111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	3836	0.88242	0.88(a)
M 121 Xylene (Total)	100				9077	2.20096	2.2(a)

QC Flag Legend

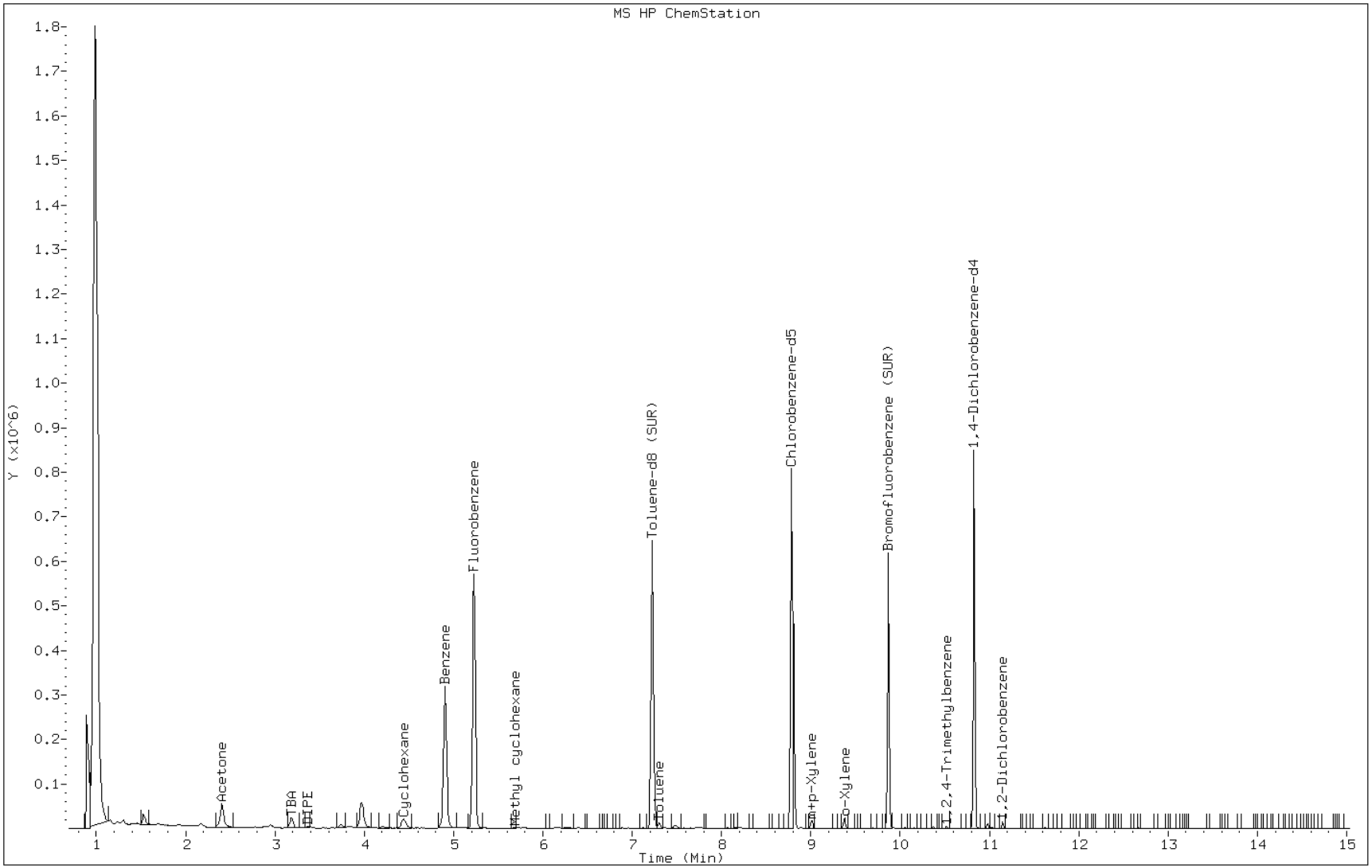
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b47466.d

Date: 10-OCT-2012 08:47

Client ID: MW-34 Instrument: VOAMS2.i

Sample Info: 460-45509-A-9 Operator: VOA GC/MS2



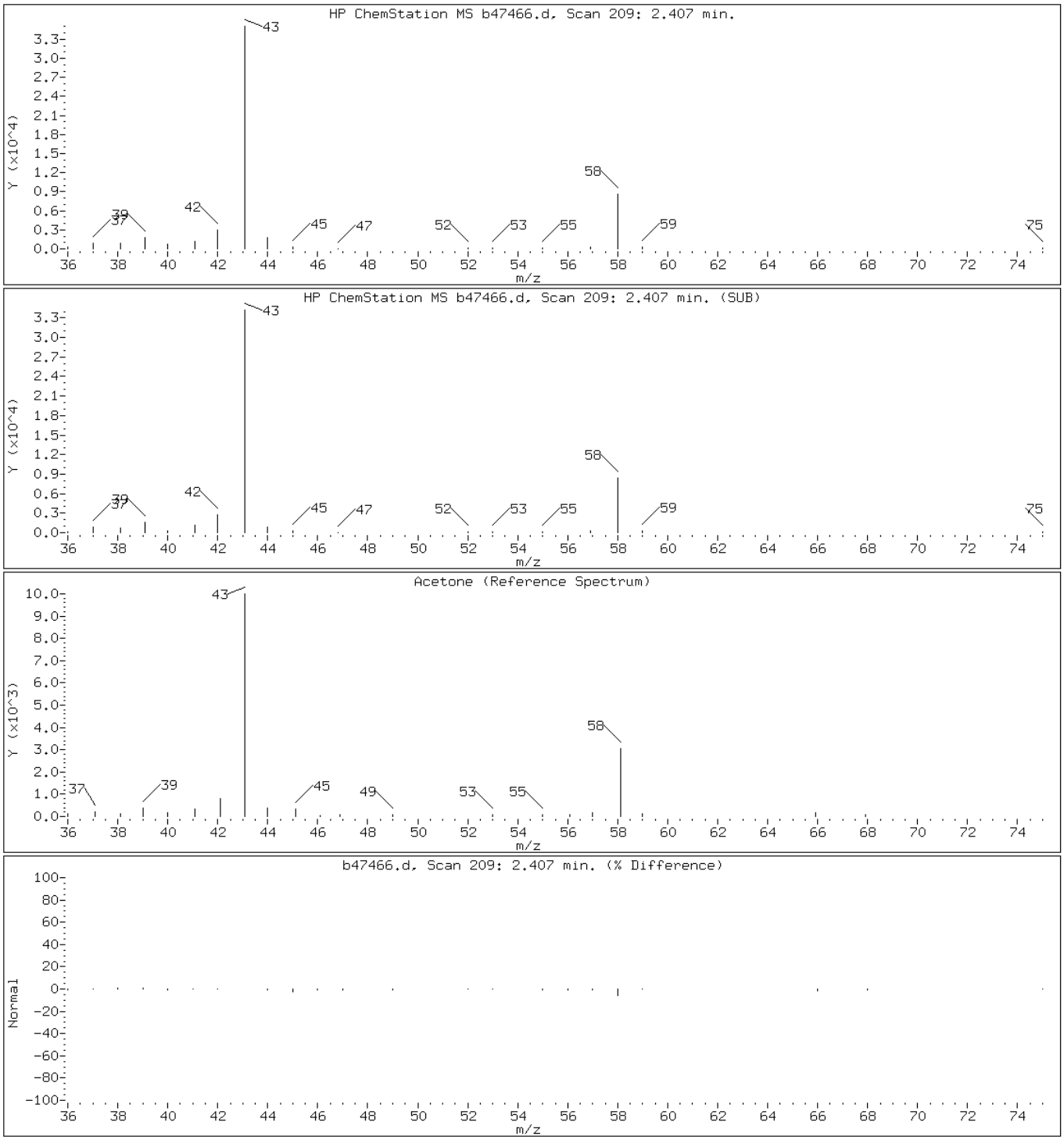
Data File: b47466.d

Date: 10-OCT-2012 08:47

Client ID: MW-34 Instrument: VOAMS2.i

Sample Info: 460-45509-A-9 Operator: VOA GC/MS2

16 Acetone



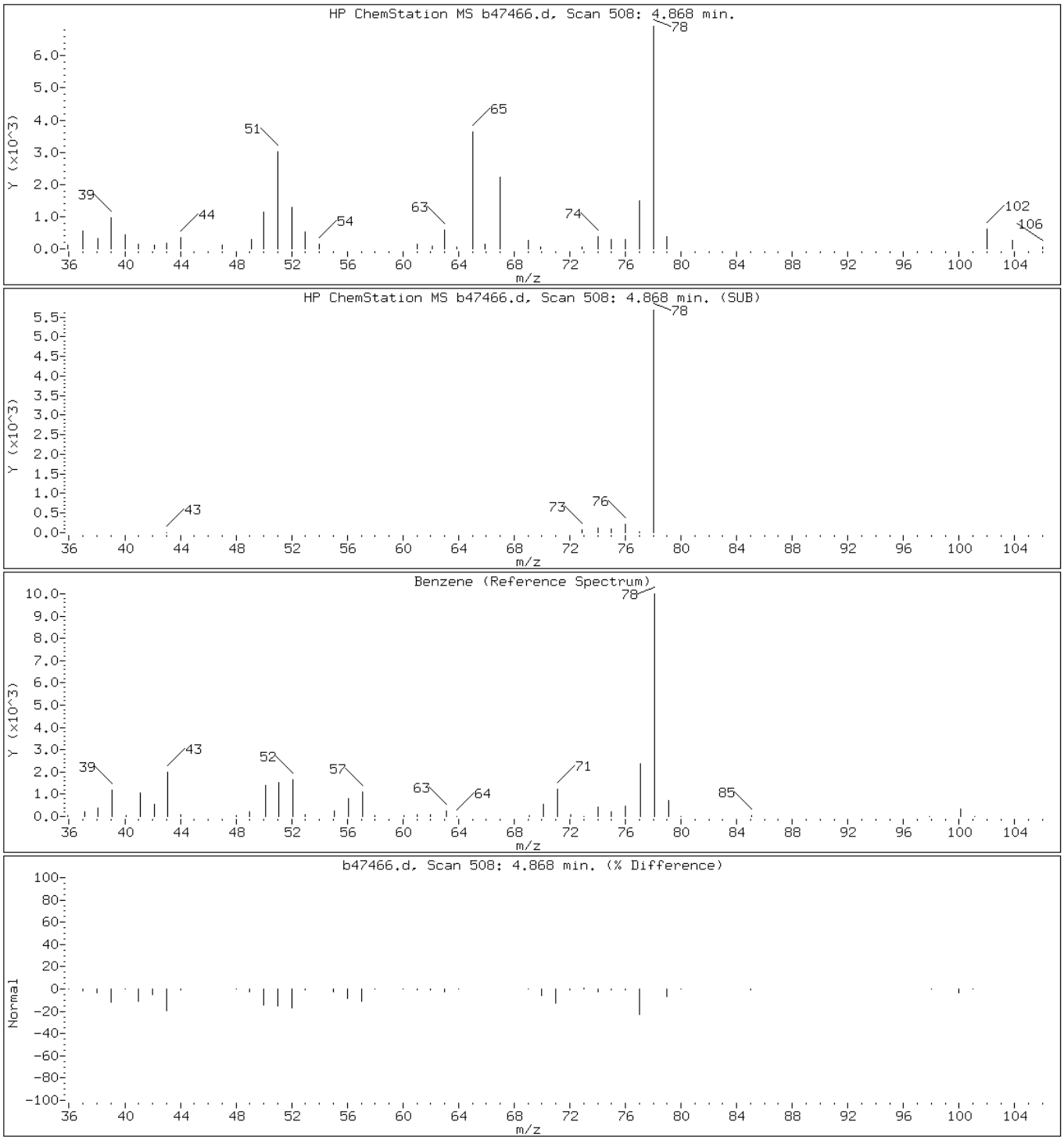
Data File: b47466.d

Date: 10-OCT-2012 08:47

Client ID: MW-34 Instrument: VOAMS2.i

Sample Info: 460-45509-A-9 Operator: VOA GC/MS2

48 Benzene



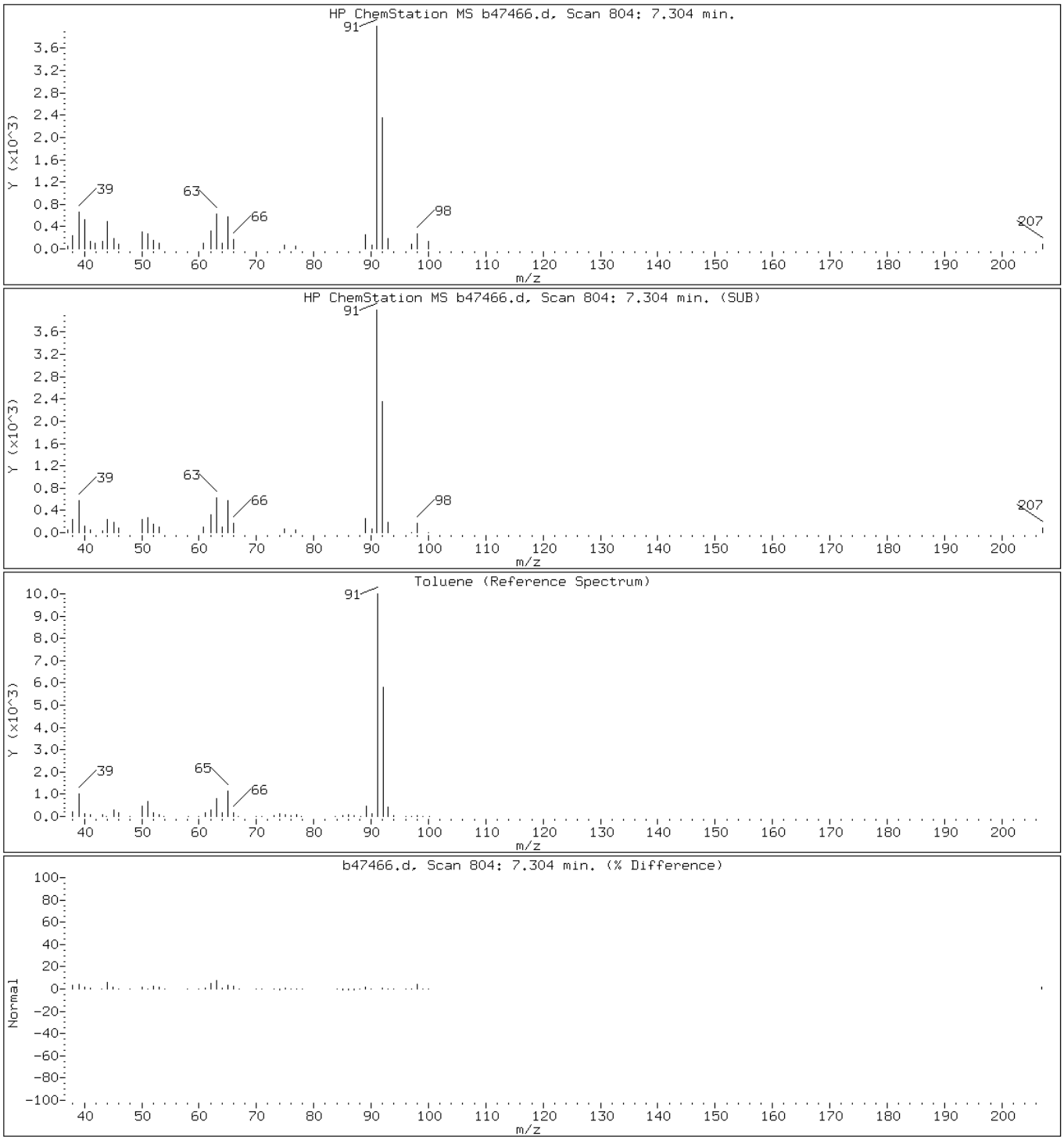
Data File: b47466.d

Date: 10-OCT-2012 08:47

Client ID: MW-34 Instrument: VOAMS2.i

Sample Info: 460-45509-A-9 Operator: VOA GC/MS2

66 Toluene



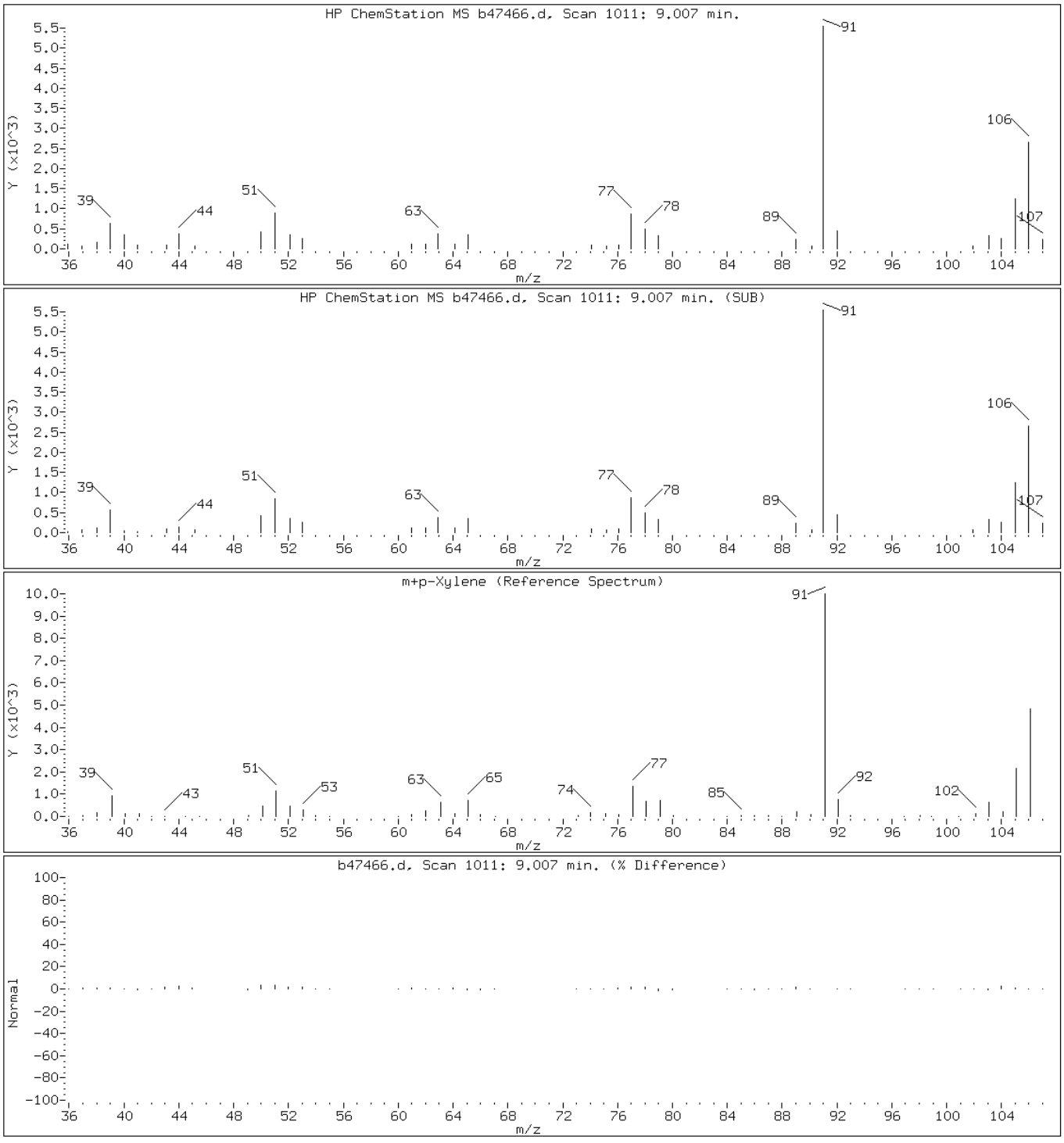
Data File: b47466.d

Date: 10-OCT-2012 08:47

Client ID: MW-34 Instrument: VOAMS2.i

Sample Info: 460-45509-A-9 Operator: VOA GC/MS2

82 m+p-Xylene



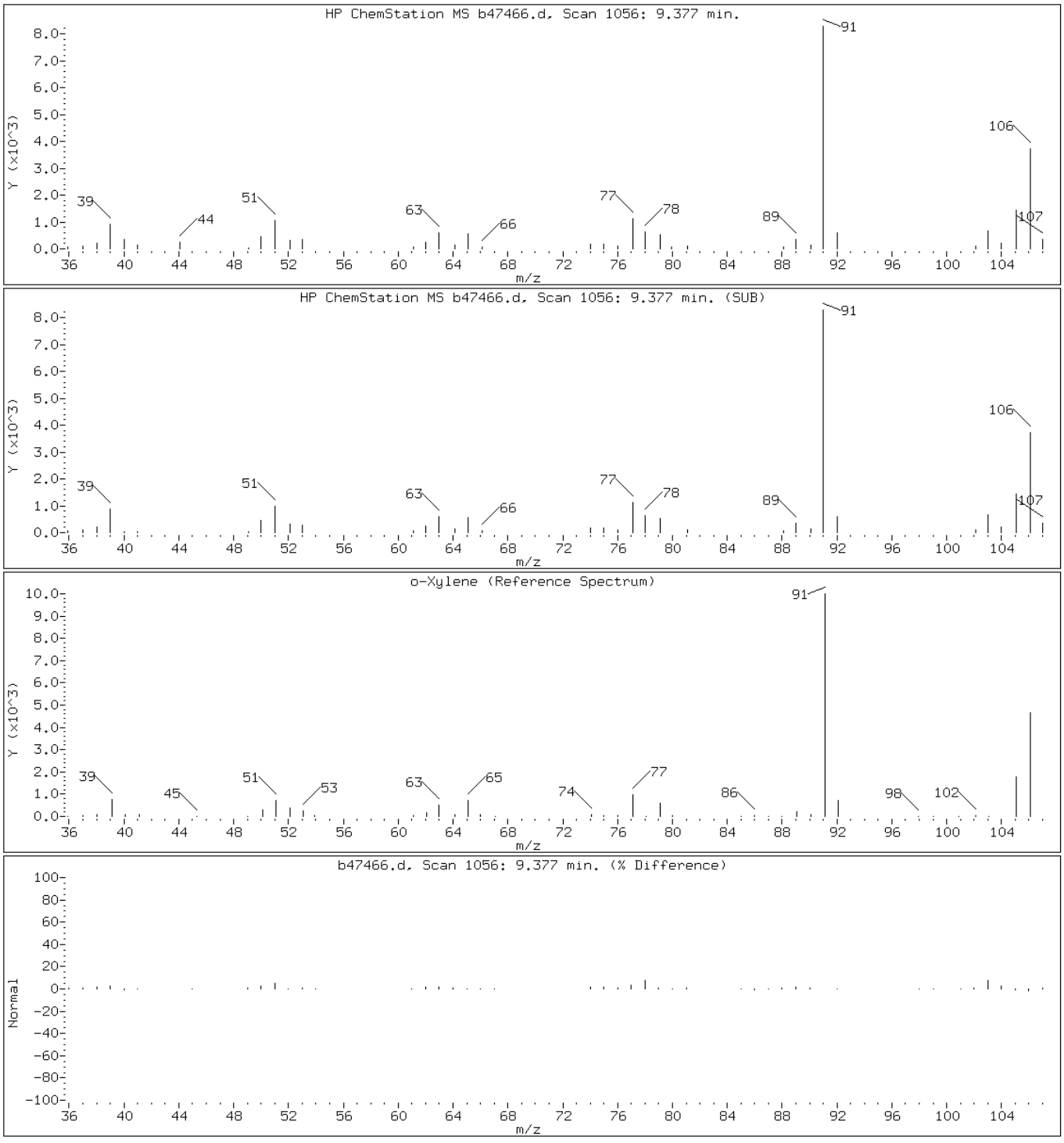
Data File: b47466.d

Date: 10-OCT-2012 08:47

Client ID: MW-34 Instrument: VOAMS2.i

Sample Info: 460-45509-A-9 Operator: VOA GC/MS2

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: TW-01 Lab Sample ID: 460-45509-10

Matrix: Water Lab File ID: b47467.d

Analysis Method: 8260B Date Collected: 10/04/2012 16:40

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 09:10

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.: 131374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.080	U	1.0	0.080
108-88-3	Toluene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47467.d
Report Date: 12-Oct-2012 11:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47467.d
Lab Smp Id: 460-45509-A-10 Client Smp ID: TW-01
Inj Date : 10-OCT-2012 09:10
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-10
Misc Info : 460-45509-A-10
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 18:50 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 9
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)
	30 1,1-Dichloroethane	63	3.403	3.394	(0.651)	1006	0.17883	0.18(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.900	(0.937)	227686	55.2125	55
*	52 Fluorobenzene	96	5.230	5.230	(1.000)	516110	50.0000	
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.822)	422176	52.6272	53
*	78 Chlorobenzene-d5	117	8.785	8.777	(1.000)	350406	50.0000	
	79 Chlorobenzene	112	8.809	8.810	(1.003)	21211	2.94040	2.9
	84 o-Xylene	106	9.377	9.377	(1.067)	1042	0.24759	0.25(a)
	88 Isopropylbenzene	105	9.698	9.698	(1.104)	1973	0.18341	0.18(a)
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	114226	49.8368	50
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	781	0.13763	0.14(a)
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	144813	50.0000	
	109 1,4-Dichlorobenzene	146	10.850	10.842	(1.002)	1369	0.29622	0.30(a)
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	7542	1.70804	1.7

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47467.d
Report Date: 12-Oct-2012 11:41

QC Flag Legend

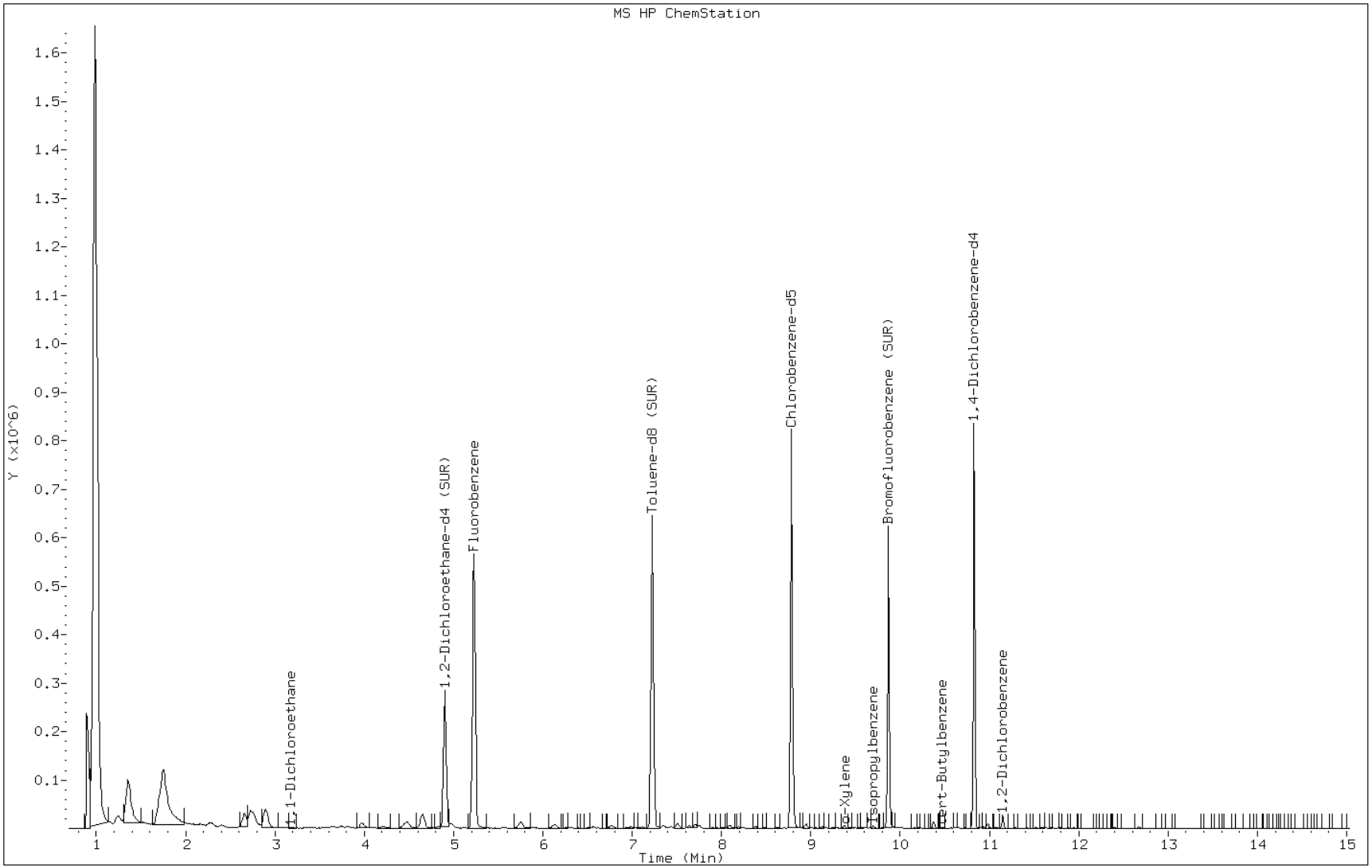
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: b47467.d

Date: 10-OCT-2012 09:10

Client ID: TW-01 Instrument: VOAMS2.i

Sample Info: 460-45509-A-10 Operator: VOA GC/MS2



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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-130677/2	b47232.d
Level 2	IC 460-130677/3	b47234.d
Level 3	ICIS 460-130677/4	b47235.d
Level 4	IC 460-130677/5	b47236.d
Level 5	IC 460-130677/6	b47237.d
Level 6	IC 460-130677/7	b47238.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								
Chlorotrifluoroethene	0.0634 0.0639	0.0811	0.0612	0.0500	0.0644	LinF		0.0638							0.9994		0.9900
Dichlorodifluoromethane	0.3256 0.3329	0.3504	0.3157	0.2516	0.3409	Ave		0.3195				11.1		15.0			
Chloromethane	0.4335 0.3661	0.3650	0.3537	0.3229	0.3718	Ave		0.3688			0.1000	9.8		15.0			
Vinyl chloride	0.3507 0.3221	0.3151	0.3099	0.2763	0.3296	Ave		0.3173				7.8		30.0			
Bromomethane	0.2080 0.1480	0.1872	0.1762	0.1540	0.1595	Ave		0.1722				13.2		15.0			
Chloroethane	0.1914 0.1523	0.1807	0.1681	0.1454	0.1611	Ave		0.1665				10.4		15.0			
Dichlorofluoromethane	0.6496 0.5172	0.6261	0.5735	0.4857	0.5656	Ave		0.5696				10.9		15.0			
Trichlorofluoromethane	0.4022 0.4009	0.4431	0.4304	0.3554	0.4306	Ave		0.4104				7.7		15.0			
n-Pentane	0.0393 0.0370	0.0441	0.0403	0.0293	0.0409	Ave		0.0385				13.1		15.0			
Ethyl ether	0.2674 0.2214	0.2563	0.2460	0.2189	0.2462	Ave		0.2427				7.9		15.0			
Isopropene	0.3715 0.3514	0.4069	0.3627	0.2746	0.3746	Ave		0.3569				12.4		15.0			
1,2-Dichlorotrifluoroethane	0.4498 0.4173	0.4329	0.4432	0.3820	0.4296	Ave		0.4258				5.7		15.0			
Acrolein	0.0771 0.0771	0.0759	0.0780	0.0724	0.0786	Ave		0.0765				2.9		15.0			
Freon TF	0.2604 0.2528	0.2805	0.2477	0.1851	0.2737	Ave		0.2501				13.7		15.0			
1,1-Dichloroethene	0.2871 0.2279	0.2551	0.2321	0.1987	0.2388	Ave		0.2399				12.3		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

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	0.2180 0.1353	0.1711	0.1653	0.1528	0.1500	QuaF		6.1204	0.9380						1.0000		0.9900
Iodomethane	0.6016 0.4999	0.5554	0.5100	0.4438	0.5319	Ave		0.5238				10.2		15.0			
Carbon disulfide	0.9625 0.8785	0.8849	0.8261	0.7164	0.9122	Ave		0.8634				9.8		15.0			
Cyclopentene	0.6890 0.7002	0.6852	0.6540	0.5389	0.7307	Ave		0.6663				10.1		15.0			
Methyl acetate	0.5540 0.4127	0.4521	0.4387	0.4104	0.4476	Ave		0.4526				11.6		15.0			
Acetonitrile	0.0573 0.0495	0.0560	0.0560	0.0549	0.0564	Ave		0.0550				5.1		15.0			
Methylene Chloride	0.3895 0.2884	0.3270	0.2986	0.2694	0.3038	Ave		0.3128				13.4		15.0			
TBA	0.0370 0.0452	0.0366	0.0390	0.0403	0.0474	Ave		0.0409				10.8		15.0			
MTBE	0.7738 0.9022	0.7976	0.8464	0.7957	0.9633	Ave		0.8465				8.7		15.0			
trans-1,2-Dichloroethene	0.2866 0.2719	0.2768	0.2627	0.2381	0.2830	Ave		0.2698				6.6		15.0			
Acrylonitrile	0.1497 0.1489	0.1407	0.1450	0.1447	0.1546	Ave		0.1473				3.3		15.0			
Hexane	0.2323 0.2222	0.2109	0.1958	0.1557	0.2350	Ave		0.2087				14.2		15.0			
DIPE	0.8926 1.0380	0.8793	0.9366	0.8817	1.0973	Ave		0.9543				9.7		15.0			
1,1-Dichloroethane	0.5721 0.5503	0.5502	0.5389	0.4871	0.5713	Ave		0.5450			0.1000	5.7		15.0			
Vinyl acetate	0.8073 0.9951	0.6600	0.7340	0.7527	1.0416	LinF		0.9999							0.9987		0.9900
Tert-butyl ethyl ether	1.0498 0.9482	0.9779	0.9176	0.8392	0.9975	Ave		0.9550				7.6		15.0			
2,2-Dichloropropane	0.4144 0.3755	0.3864	0.3727	0.3345	0.3993	Ave		0.3805				7.2		15.0			
cis-1,2-Dichloroethene	0.3034 0.3095	0.2957	0.2952	0.2724	0.3224	Ave		0.2998				5.6		15.0			
2-Butanone	0.0444 0.0485	0.0408	0.0483	0.0475	0.0522	Ave		0.0469				8.4		15.0			
Ethyl acetate	0.0376 0.0389	0.0365	0.0359	0.0360	0.0413	Ave		0.0377				5.5		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

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								
Tetrahydrofuran	0.1513 0.1343	0.1407	0.1414	0.1414	0.1607	Ave		0.1450				6.5		15.0			
Bromochloromethane	0.1767 0.1677	0.1695	0.1635	0.1522	0.1752	Ave		0.1675				5.3		15.0			
Chloroform	0.5687 0.5518	0.5616	0.5475	0.5024	0.5803	Ave		0.5520				4.9		30.0			
Cyclohexane	0.3712 0.4479	0.3842	0.3936	0.3078	0.4616	Ave		0.3944				14.1		15.0			
1,1,1-Trichloroethane	0.4004 0.4515	0.4037	0.4002	0.3657	0.4599	Ave		0.4136				8.6		15.0			
Carbon tetrachloride	0.4095 0.4408	0.3998	0.3934	0.3471	0.4431	Ave		0.4056				8.7		15.0			
1,1-Dichloropropene	0.3773 0.4452	0.3807	0.3859	0.3537	0.4495	Ave		0.3987				9.9		15.0			
Benzene	1.5111 1.3111	1.4576	1.3680	1.2232	1.3684	Ave		1.3732				7.5		15.0			
Tert-amyl methyl ether	0.7907 0.8707	0.8034	0.8126	0.7572	0.9218	Ave		0.8260				7.2		15.0			
1,2-Dichloroethane	0.5752 0.5042	0.5263	0.5224	0.4790	0.5386	Ave		0.5243				6.2		15.0			
Isopropyl acetate	1.2108 0.9913	1.0755	1.0148	0.9372	1.0741	Ave		1.0506				9.0		15.0			
n-Heptane	0.1559 0.1481	0.1464	0.1339	0.1135	0.1575	Ave		0.1425				11.6		15.0			
2,4,4-Trimethyl-1-pentene	0.4351 0.6455	0.4847	0.5158	0.4264	0.6740	LinF		0.6482							0.9980		0.9900
Trichloroethene	0.2932 0.3094	0.2914	0.2850	0.2653	0.3174	Ave		0.2936				6.3		15.0			
n-Butanol	0.0091 0.0132	0.0096	0.0108	0.0111	0.0123	Ave		0.0110				14.3		15.0			
Methylcyclohexane	0.3468 0.3970	0.3610	0.3479	0.2766	0.4169	Ave		0.3577				13.6		15.0			
Ethyl acrylate	0.4508 0.5621	0.4645	0.4650	0.4731	0.5772	Ave		0.4988				11.1		15.0			
1,2-Dichloropropane	0.3152 0.3213	0.2956	0.2982	0.2791	0.3324	Ave		0.3070				6.4		30.0			
Dibromomethane	0.2273 0.2328	0.2251	0.2232	0.2108	0.2427	Ave		0.2270				4.7		15.0			
1,4-Dioxane	0.0038 0.0066	0.0042	0.0048	0.0052	0.0058	QuaF		243.81	-2348						0.9991		0.9900

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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.0673 0.0950	0.0703	0.0741	0.0789	0.0972	QuaF		10.420	0.1027						0.9996		0.9900
Propyl acetate	0.4922 0.6599	0.5180	0.5546	0.5753	0.6907	Ave		0.5818				13.5		15.0			
Bromodichloromethane	0.4024 0.4551	0.3984	0.3945	0.3825	0.4638	Ave		0.4161				8.3		15.0			
2-Chloroethyl vinyl ether	0.1479 0.2551	0.1592	0.1892	0.2007	0.2626	LinF		0.2557							0.9991		0.9900
Epichlorohydrin	0.0498 0.0564	0.0497	0.0537	0.0544	0.0598	Ave		0.0540				7.3		15.0			
cis-1,3-Dichloropropene	0.5018 0.6575	0.5474	0.5931	0.5743	0.6827	Ave		0.5928				11.4		15.0			
4-Methyl-2-pentanone	0.5154 0.5855	0.4782	0.5149	0.5231	0.6198	Ave		0.5395				9.7		15.0			
Toluene	1.5684 1.4654	1.4530	1.4178	1.3069	1.5237	Ave		1.4559				6.2		30.0			
trans-1,3-Dichloropropene	0.5064 0.6508	0.4865	0.5247	0.5325	0.6574	Ave		0.5597				13.4		15.0			
1,1,2-Trichloroethane	0.3499 0.3313	0.3294	0.3241	0.3022	0.3436	Ave		0.3301				5.1		15.0			
Tetrachloroethene	0.4262 0.4045	0.3881	0.3911	0.3495	0.4152	Ave		0.3958				6.8		15.0			
1,3-Dichloropropane	0.6151 0.6544	0.6324	0.6250	0.5959	0.6854	Ave		0.6347				5.0		15.0			
2-Hexanone	0.3347 0.4415	0.3209	0.3633	0.3805	0.4605	Ave		0.3836				14.7		15.0			
Butyl acetate	0.0706 0.1330	0.0923	0.1135	0.1153	0.1411	LinF		0.1340							0.9990		0.9900
Dibromochloromethane	0.3985 0.4576	0.3783	0.4017	0.3851	0.4686	Ave		0.4150				9.3		15.0			
1,2-Dibromoethane	0.4060 0.4121	0.4079	0.3911	0.3774	0.4313	Ave		0.4043				4.6		15.0			
Chlorobenzene	1.0851 1.0411	1.0302	0.9957	0.9437	1.0801	Ave		1.0293			0.3000	5.2		15.0			
Ethylbenzene	0.4569 0.5512	0.4319	0.4805	0.4649	0.5603	Ave		0.4910				10.7		30.0			
1,1,1,2-Tetrachloroethane	0.3840 0.4105	0.3728	0.3688	0.3549	0.4232	Ave		0.3857				6.8		15.0			
m&p-Xylene	0.4975 0.6689	0.5499	0.6262	0.5843	0.6974	Ave		0.6040				12.4		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

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								
o-Xylene	0.5135 0.6698	0.5211	0.6086	0.5913	0.6989	Ave		0.6005				12.6		15.0			
Butyl acrylate	0.2040 0.3909	0.2329	0.2919	0.3076	0.4071	QuaF		2.4761	0.0201						0.9993		0.9900
Styrene	0.7534 1.1892	0.8843	1.0593	1.0359	1.2287	LinF		1.1934							0.9995		0.9900
Amly acetate	0.6129 1.1191	0.6619	0.8334	0.8649	1.1618	LinF		1.1232							0.9989		0.9900
Bromoform	0.2669 0.3709	0.2856	0.2984	0.2989	0.3683	Ave		0.3148			0.1000	14.0		15.0			
Isopropylbenzene	1.2173 1.7390	1.3672	1.5706	1.5044	1.8116	Ave		1.5350				14.6		15.0			
Monobromobenzene	0.8904 0.8588	0.8014	0.8161	0.7568	0.9038	Ave		0.8379				6.7		15.0			
1,1,2,2-Tetrachloroethane	1.0570 1.0434	1.0310	1.0102	0.9796	1.0982	Ave		1.0366			0.3000	3.9		15.0			
N-Propylbenzene	3.0426 3.4820	3.0949	3.4363	3.2308	3.9120	Ave		3.3664				9.5		15.0			
1,2,3-Trichloropropane	0.3221 0.3049	0.3336	0.3105	0.2978	0.3249	Ave		0.3156				4.3		15.0			
trans-1,4-Dichloro-2-butene	0.2866 0.3319	0.2855	0.2950	0.2860	0.3464	Ave		0.3053				8.8		15.0			
2-Chlorotoluene	2.1524 2.6161	2.3276	2.5121	2.3073	2.7798	Ave		2.4492				9.4		15.0			
1,3,5-Trimethylbenzene	1.9543 2.5983	2.1921	2.4333	2.2874	2.7578	Ave		2.3705				12.2		15.0			
4-Chlorotoluene	1.9909 2.4131	2.1521	2.2907	2.1226	2.5412	Ave		2.2518				9.0		15.0			
Butyl Methacrylate	0.5816 0.9729	0.6224	0.7827	0.7851	1.0368	LinF		0.9806							0.9986		0.9900
tert-Butylbenzene	1.6482 2.1875	1.7238	1.9802	1.8885	2.3272	Ave		1.9593				13.4		15.0			
1,2,4-Trimethylbenzene	1.7991 2.6995	2.0959	2.4944	2.3832	2.8473	LinF		2.7180							0.9993		0.9900
sec-Butylbenzene	2.2323 3.1050	2.7409	3.0834	2.8606	3.4344	Ave		2.9095				14.0		15.0			
p-Isopropyltoluene	1.8624 2.7400	2.1180	2.4842	2.4012	2.9806	LinF		2.7725							0.9984		0.9900
1,3-Dichlorobenzene	1.4190 1.5710	1.4746	1.5302	1.4225	1.6817	Ave		1.5165				6.6		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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.6900 1.6204	1.5750	1.5530	1.4315	1.7043	Ave		1.5957				6.3		15.0			
Benzyl chloride	1.4878 2.0356	1.4655	1.6510	1.6640	2.1268	LinF		2.0455							0.9991		0.9900
Indan	0.9023 1.2882	0.9801	1.1381	1.0829	1.3838	LinF		1.3004							0.9986		0.9900
n-Butylbenzene	2.3507 3.0503	2.6573	2.9458	2.7113	3.3086	Ave		2.8373				11.8		15.0			
1,2-Dichlorobenzene	1.5084 1.5735	1.4789	1.5098	1.4110	1.6659	Ave		1.5246				5.7		15.0			
1,2-Dibromo-3-Chloropropane	0.2061 0.2505	0.2037	0.2123	0.2143	0.2531	Ave		0.2234				10.0		15.0			
1,2,4-Trichlorobenzene	0.9781 1.2164	1.0241	1.1113	1.0682	1.3057	Ave		1.1173				11.0		15.0			
Hexachlorobutadiene	0.4514 0.4471	0.4473	0.4293	0.3846	0.4942	Ave		0.4423				8.0		15.0			
Naphthalene	2.0918 3.3531	2.3490	2.9717	3.1370	3.7120	LinF		3.4044							0.9979		0.9900
1,2,3-Trichlorobenzene	0.9665 1.1615	1.0203	1.0686	1.0503	1.2519	Ave		1.0865				9.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4105 0.3845	0.4081	0.4036	0.4000	0.3903	Ave		0.3995				2.6		15.0			
Toluene-d8 (Surr)	1.1407 1.1192	1.1574	1.1646	1.1612	1.1250	Ave		1.1447				1.7		15.0			
Bromofluorobenzene	0.7836 0.7966	0.7742	0.7928	0.7960	0.8050	Ave		0.7914				1.4		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-130677/2	b47232.d
Level 2	IC 460-130677/3	b47234.d
Level 3	ICIS 460-130677/4	b47235.d
Level 4	IC 460-130677/5	b47236.d
Level 5	IC 460-130677/6	b47237.d
Level 6	IC 460-130677/7	b47238.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
Chlorotrifluoroethene	FB	LinF	808 472778	5141	16072	33971	183017	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	4147 2464402	22211	82888	170864	969289	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5521 2710082	23139	92871	219253	1057261	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4467 2384541	19976	81361	187600	937282	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2649 1096002	11869	46271	104580	453594	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2438 1127835	11454	44121	98749	458167	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	8274 3828609	39689	150574	329778	1608179	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	5123 2967788	28090	112994	241342	1224301	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1001 548203	5588	21160	39790	232452	2.00 1000	10.0	40.0	100	400
Ethyl ether	FB	Ave	3406 1639067	16247	64585	148606	700070	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	4731 2601676	25798	95218	186432	1065218	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorotrifluoroethane	FB	Ave	5729 3089450	27441	116359	259382	1221694	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	3930 456324	19239	40972	98289	223400	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	3317 1871814	17781	65041	125674	778396	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3657 1686793	16174	60924	134926	678999	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	13880 1001644	32532	43408	103778	426627	5.00 500	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.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

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
Iodomethane	FB	Ave	7662 3700863	35207	133890	301345	1512385	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	12259 6503403	56098	216875	486426	2593788	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	8775 5183668	43435	171690	365924	2077717	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	7056 3055293	28663	115183	278651	1272658	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	14600 7331860	71057	294150	745634	3206110	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	4961 2135367	20727	78390	182929	863858	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	9417 6689191	46466	204866	547704	2694733	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	9855 6679189	50564	222222	540316	2739211	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3650 2012611	17548	68974	161674	804585	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3814 440840	17834	38075	98267	219823	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	2959 1645163	13370	51398	105712	668326	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	11369 7684609	55742	245893	598673	3120229	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7287 4073591	34878	141473	330768	1624422	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	20565 14733194	83683	385407	1022164	5923751	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	13370 7019796	61991	240900	569852	2836420	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	5278 2780088	24496	97845	227111	1135323	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3864 2291056	18745	77494	184978	916681	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2825 358948	7754	12686	32240	148475	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	957 576483	4624	18853	48930	234590	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	1927 993978	8919	37122	96023	456917	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2251 1241552	10746	42915	103314	498266	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.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

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
Chloroform	FB	Ave	7243 4084703	35600	143736	341129	1650064	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4728 3315785	24356	103343	209034	1312486	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5100 3342179	25590	105079	248338	1307842	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5215 3263436	25343	103291	235692	1259915	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4805 3296050	24134	101303	240181	1278060	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	14675 8242311	71530	285545	676148	3277871	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	10070 6445581	50929	213351	514127	2621086	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7326 3732269	33367	137164	325250	1531368	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	30842 14676921	136363	532852	1272783	6108373	2.00 1000	10.0	40.0	100	400
n-Heptane	FB	Ave	1985 1096043	9278	35145	77099	447966	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	LinF	11083 9557279	61452	270855	579007	3833070	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	3734 2290549	18475	74819	180164	902452	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	57789 587922	121671	211804	300775	436614	500 3000	1000	1500	2000	2500
Methylcyclohexane	FB	Ave	4417 2938635	22882	91338	187818	1185381	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5742 4160913	29449	122078	321226	1641222	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4015 2378840	18741	78289	189482	945307	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2895 1723229	14269	58587	143165	690142	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	QuaF	2444 29095	5358	9406	14059	20445	50.0 300	100	150	200	250
Methyl methacrylate	FB	QuaF	857 703151	4454	19457	53571	276466	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	6269 4885561	32841	145612	390673	1964007	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5125 3369346	25259	103569	259728	1318790	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.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

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
2-Chloroethyl vinyl ether	FB	LinF	1884 1888356	10094	49671	136271	746828	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	9665 7095641	48766	224031	601148	2865393	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4873 4133262	26865	123789	317488	1635254	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	25028 3681033	70400	107465	289167	1484669	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	15231 9212528	71306	295934	722426	3649650	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4918 4091365	23875	109508	294352	1574615	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3398 2082821	16163	67646	167069	823093	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	4139 2543115	19045	81642	193177	994601	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5974 4113776	31033	130451	329404	1641670	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	16253 2775734	47247	75827	210359	1103003	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	LinF	1371 1672229	9062	47383	127468	675765	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	3870 2876956	18563	83838	212864	1122512	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3943 2590469	20019	81636	208597	1033085	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	10538 6545133	50557	207836	521652	2587136	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	4437 3465410	21195	100291	256990	1342101	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3729 2580878	18294	76979	196187	1013783	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	9663 8410334	53974	261410	645922	3340946	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	4987 4210822	25571	127035	326881	1674023	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	QuaF	1981 2457756	11430	60935	170008	975020	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	LinF	7317 7476022	43395	221108	572599	2943055	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	LinF	3214 4093361	18262	98112	273465	1578055	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.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

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
Bromoform	CBZ	Ave	2592 2331546	14016	62293	165199	882173	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	11822 10932554	67091	327830	831589	4339428	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4669 3141014	22109	96077	239281	1227676	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5543 3816282	28443	118925	309715	1491723	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	15955 12735577	85382	404522	1021446	5313736	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1689 1115172	9203	36554	94166	441273	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1503 1213915	7877	34730	90435	470551	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	11287 9568649	64215	295730	729494	3775818	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	10248 9503411	60475	286450	723194	3745890	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	10440 8826112	59373	269660	671092	3451704	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	3050 3558305	17171	92138	248211	1408227	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	8643 8000934	47558	233111	597087	3161097	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	LinF	9434 9873798	57822	293645	753493	3867497	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	11706 11356908	75616	362986	904429	4664925	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	LinF	9766 10021936	58432	292443	759156	4048526	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	7441 5746197	40682	180141	449730	2284319	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	8862 5926600	43452	182818	452574	2315004	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	7802 7445452	40431	194356	526096	2888775	1.00 500	5.00	20.0	50.0	200
Indan	FB	LinF	11492 9536283	62132	298789	735290	3934785	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	12327 11156814	73311	346777	857201	4494014	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	7910 5755288	40801	177733	446102	2262752	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.: 460-45509-1 Analy Batch No.: 130677

SDG No.:

Instrument ID: VOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/04/2012 21:42 Calibration End Date: 10/04/2012 23:55 Calibration ID: 17946

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	Ave	1081 916287	5620	24995	67766	343791	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	5129 4448921	28253	130824	337714	1773514	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2367 1635380	12341	50538	121598	671336	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	10969 12264149	64804	349836	991789	5041979	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	5068 4248237	28147	125797	332052	1700439	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	261434 284624	258731	264924	271623	277425	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	553880 703596	567962	607679	641900	673710	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	205460 291346	213600	233309	251672	273358	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/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47232.d
Report Date: 05-Oct-2012 01:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47232.d
Lab Smp Id: IC-VMCAL1
Inj Date : 04-OCT-2012 21:42
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/8260_09.m
Meth Date : 05-Oct-2012 01:19 ken Quant Type: ISTD
Cal Date : 04-OCT-2012 21:42 Cal File: b47232.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
177	Monochloropentafluoroethane	85	1.041	1.041	(0.199)	613	1.00000	1.4
179	Freon 152a	51	1.065	1.065	(0.204)	3841	1.00000	1.1
167	Chlorotrifluoroethene	66	1.115	1.115	(0.213)	808	1.00000	1.0
2	Dichlorodifluoromethane	85	1.139	1.139	(0.218)	4147	1.00000	1.0
176	Chlorodifluoromethane	51	1.156	1.156	(0.221)	5129	1.00000	1.0
3	Chloromethane	50	1.271	1.271	(0.243)	5521	1.00000	1.2
4	Vinyl Chloride	62	1.370	1.370	(0.262)	4467	1.00000	1.1
6	Bromomethane	94	1.617	1.617	(0.310)	2649	1.00000	1.2
5	Chloroethane	64	1.682	1.682	(0.322)	2438	1.00000	1.1
183	Dichlorofluoromethane	67	1.888	1.888	(0.362)	8274	1.00000	1.1
7	Trichlorofluoromethane	101	1.896	1.896	(0.363)	5123	1.00000	0.98(a)
8	n-Pentane	72	1.913	1.913	(0.366)	1001	2.00000	2.0
11	Ethyl Ether	59	2.102	2.102	(0.403)	3406	1.00000	1.1
10	Isoprene	67	2.110	2.110	(0.404)	4731	1.00000	1.0
168	1,2-Dichlorotrifluoroethane	67	2.176	2.176	(0.417)	5729	1.00000	1.0
178	Freon 123	83	2.234	2.234	(0.428)	5385	1.00000	1.1

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47232.d
Report Date: 05-Oct-2012 01:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	2.275	2.275	(0.436)	3930	4.00000	4.0
	14 Freon TF	101	2.291	2.291	(0.439)	3317	1.00000	1.0
	15 1,1-Dichloroethene	96	2.316	2.316	(0.444)	3657	1.00000	1.2
	16 Acetone	43	2.407	2.407	(0.461)	13880	5.00000	6.6
	17 Iodomethane	142	2.448	2.448	(0.469)	7662	1.00000	1.1
	18 Carbon Disulfide	76	2.489	2.489	(0.477)	12259	1.00000	1.1
	170 Cyclopentene	67	2.637	2.637	(0.505)	8775	1.00000	1.0
	27 Methyl Acetate	43	2.654	2.654	(0.508)	7056	1.00000	1.2
	21 Acetonitrile	41	2.703	2.703	(0.518)	14600	20.0000	21
	22 Methylene Chloride	84	2.769	2.769	(0.530)	4961	1.00000	1.2
	24 TBA	59	2.884	2.884	(0.552)	9417	20.0000	18(a)
	28 MTBE	73	2.942	2.942	(0.563)	9855	1.00000	0.91(a)
	25 trans-1,2-Dichloroethene	96	2.966	2.966	(0.568)	3650	1.00000	1.1
	26 Acrylonitrile	53	3.057	3.057	(0.585)	3814	2.00000	2.0
	29 Hexane	43	3.131	3.131	(0.600)	2959	1.00000	1.1
	32 DIPE	45	3.394	3.394	(0.650)	11369	1.00000	0.94(a)
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	7287	1.00000	1.0
	31 Vinyl Acetate	43	3.435	3.435	(0.658)	20565	2.00000	1.9(a)
	34 n-Propanol	42	3.542	3.542	(0.678)	29724	1000.00	990(a)
	35 t-Butyl-ethyl-ether	59	3.748	3.748	(0.718)	13370	1.00000	1.1
	37 2,2-Dichloropropane	77	3.946	3.946	(0.756)	5278	1.00000	1.1
	36 cis-1,2-Dichloroethene	96	3.979	3.979	(0.762)	3864	1.00000	1.0
	38 2-Butanone	72	4.028	4.028	(0.771)	2825	5.00000	4.7(a)
	39 Ethyl Acetate	70	4.036	4.036	(0.773)	957	2.00000	2.0
	40 Bromochloromethane	128	4.242	4.242	(0.812)	2251	1.00000	1.0
	41 Tetrahydrofuran	42	4.242	4.242	(0.812)	1927	1.00000	1.0
	42 Chloroform	83	4.316	4.316	(0.827)	7243	1.00000	1.0
	44 Cyclohexane	56	4.423	4.423	(0.847)	4728	1.00000	0.94(a)
	43 1,1,1-Trichloroethane	97	4.456	4.456	(0.853)	5100	1.00000	0.97(a)
	45 Carbon Tetrachloride	117	4.588	4.588	(0.879)	5215	1.00000	1.0
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	4805	1.00000	0.95(a)
	48 Benzene	78	4.867	4.867	(0.555)	14675	1.00000	1.1
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.900	(0.939)	261434	50.0000	51
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	10070	1.00000	0.96(a)
	49 1,2-Dichloroethane	62	4.983	4.983	(0.954)	7326	1.00000	1.1
	61 Isopropyl Acetate	43	5.007	5.007	(0.959)	30842	2.00000	2.3
	51 n-Heptane	57	5.090	5.090	(0.975)	1985	1.00000	1.1(a)
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	636812	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.501	5.501	(1.054)	11083	2.00000	1.6(a)
	169 1,2-Difluorotetrachloroethane	101	5.501	5.501	(1.054)	3629	1.00000	0.99
	54 Trichloroethene	95	5.641	5.641	(1.080)	3734	1.00000	1.00
	53 n-Butanol	56	5.682	5.682	(1.088)	57789	500.000	410(a)
	56 Methyl cyclohexane	83	5.789	5.789	(1.109)	4417	1.00000	0.97(a)
	55 Ethyl Acrylate	55	5.863	5.863	(1.123)	5742	1.00000	0.90(a)
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	4015	1.00000	1.0
	58 Dibromomethane	93	6.151	6.151	(1.178)	2895	1.00000	1.0
	59 Methyl Methacrylate	100	6.159	6.159	(1.180)	857	1.00000	0.84(a)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47232.d
Report Date: 05-Oct-2012 01:19

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	2444	50.0000	41(a)
	75 Propyl Acetate	43	6.233	6.233	(1.194)	6269	1.00000	0.85(a)
	68 Bromodichloromethane	83	6.357	6.357	(1.218)	5125	1.00000	0.97(a)
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.306)	1884	1.00000	0.73(a)
	63 Epichlorohydrin	57	6.917	6.917	(0.788)	9665	20.0000	18
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	4873	1.00000	0.85(a)
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	25028	5.00000	4.8(a)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	553880	50.0000	50
	66 Toluene	91	7.295	7.295	(0.831)	15231	1.00000	1.1
	64 trans-1,3-Dichloropropene	75	7.665	7.665	(0.873)	4918	1.00000	0.90(a)
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	3398	1.00000	1.1
	71 Tetrachloroethene	166	7.871	7.871	(0.897)	4139	1.00000	1.1
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	5974	1.00000	0.97(a)
	73 2-Hexanone	43	8.110	8.110	(0.924)	16253	5.00000	4.4(a)
	76 Butyl Acetate	73	8.225	8.225	(0.937)	1371	2.00000	1.3(a)
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	3870	1.00000	0.96(a)
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	3943	1.00000	1.0
*	78 Chlorobenzene-d5	117	8.776	8.776	(1.000)	485573	50.0000	
	79 Chlorobenzene	112	8.801	8.801	(1.003)	10538	1.00000	1.0
	81 Ethylbenzene	106	8.892	8.892	(1.013)	4437	1.00000	0.93(a)
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	3729	1.00000	1.00
	82 m+p-Xylene	106	9.007	9.007	(1.026)	9663	2.00000	1.6
	83 Butyl Acrylate	73	9.377	9.377	(1.068)	1981	1.00000	0.67(a)
	84 o-Xylene	106	9.369	9.369	(1.067)	4987	1.00000	0.86(a)
	85 Styrene	104	9.402	9.402	(1.071)	7317	1.00000	0.73(a)
	87 Amyl Acetate	43	9.575	9.575	(0.884)	3214	1.00000	0.70(a)
	86 Bromoform	173	9.583	9.583	(1.092)	2592	1.00000	0.85(a)
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	11822	1.00000	0.79(a)
$	89 Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	205460	50.0000	50
	91 Bromobenzene	156	9.986	9.986	(0.922)	4669	1.00000	1.1
	92 1,1,2,2-Tetrachloroethane	83	10.027	10.027	(0.926)	5543	1.00000	1.0
	95 n-Propylbenzene	91	10.044	10.044	(0.928)	15955	1.00000	0.90(a)
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	1689	1.00000	1.0
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	1503	1.00000	0.94(a)
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	11287	1.00000	0.88(a)
	97 1,3,5-Trimethylbenzene	105	10.208	10.208	(0.943)	10248	1.00000	0.82(a)
	98 4-Chlorotoluene	91	10.241	10.241	(0.946)	10440	1.00000	0.88(a)
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	3050	1.00000	0.73(a)
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	8643	1.00000	0.84(a)
	101 1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	9434	1.00000	0.75(a)
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	11706	1.00000	0.77(a)
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	9766	1.00000	0.77(a)
	105 1,3-Dichlorobenzene	146	10.760	10.760	(0.994)	7441	1.00000	0.94(a)
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	262193	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	8862	1.00000	1.0
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	7802	1.00000	0.86(a)
	171 Indan	117	11.023	11.023	(2.111)	11492	1.00000	0.80(a)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47232.d
Report Date: 05-Oct-2012 01:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	106 n-Butylbenzene	91	11.081	11.081	(1.024)	12327	1.00000	0.83(a)
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	7910	1.00000	0.99(a)
	112 1,2-Dibromo-3-chloropropane	75	11.764	11.764	(1.087)	1081	1.00000	0.92(a)
	114 1,2,4-Trichlorobenzene	180	12.373	12.373	(1.143)	5129	1.00000	0.88(a)
	115 Hexachlorobutadiene	225	12.463	12.463	(1.151)	2367	1.00000	1.0
	116 Naphthalene	128	12.595	12.595	(1.163)	10969	1.00000	0.71(a)
	117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	5068	1.00000	0.89(a)
M	120 1,2-Dichloroethene (Total)	100				7514	2.00000	2.1
M	121 Xylene (Total)	100				14650	3.00000	2.5(a)

QC Flag Legend

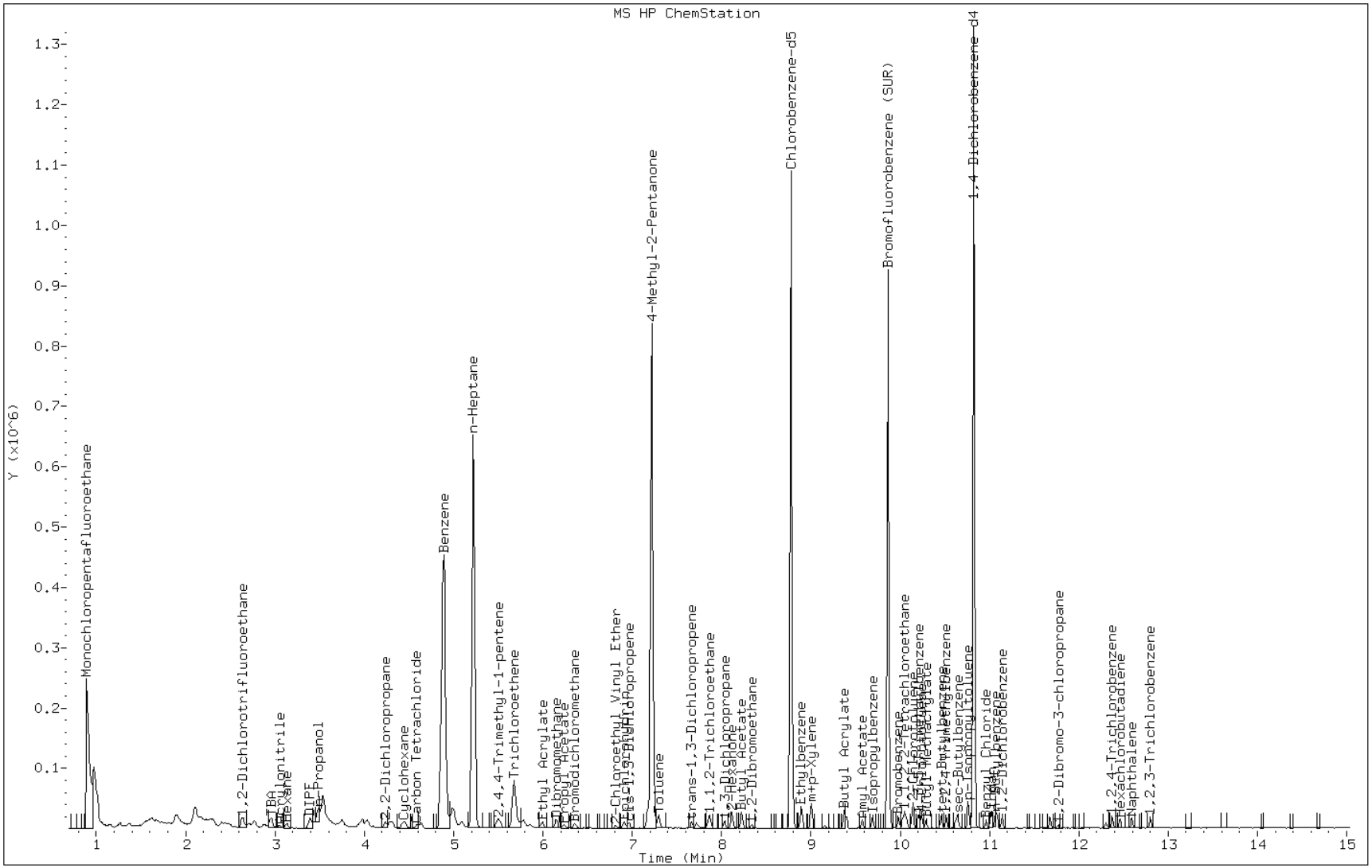
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: b47232.d

Date: 04-OCT-2012 21:42

Client ID: Instrument: VOAMS2.i

Sample Info: IC-VMCAL1 Operator: VOA GC/MS2



Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47234.d
Report Date: 05-Oct-2012 01:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47234.d
Lab Smp Id: IC-VMCAL2
Inj Date : 04-OCT-2012 22:27
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/8260_09.m
Meth Date : 05-Oct-2012 01:19 ken Quant Type: ISTD
Cal Date : 04-OCT-2012 22:27 Cal File: b47234.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
177 Monochloropentafluoroethane	85	1.032	1.032	(0.198)	2138	5.00000	4.9
179 Freon 152a	51	1.065	1.065	(0.204)	18450	5.00000	5.2
167 Chlorotrifluoroethene	66	1.107	1.107	(0.212)	5141	5.00000	6.4
2 Dichlorodifluoromethane	85	1.139	1.139	(0.218)	22211	5.00000	5.5
176 Chlorodifluoromethane	51	1.156	1.156	(0.221)	26131	5.00000	5.4
3 Chloromethane	50	1.263	1.263	(0.242)	23139	5.00000	4.9
4 Vinyl Chloride	62	1.362	1.362	(0.261)	19976	5.00000	5.0
6 Bromomethane	94	1.617	1.617	(0.310)	11869	5.00000	5.4
5 Chloroethane	64	1.674	1.674	(0.321)	11454	5.00000	5.4
183 Dichlorofluoromethane	67	1.880	1.880	(0.360)	39689	5.00000	5.5
7 Trichlorofluoromethane	101	1.888	1.888	(0.362)	28090	5.00000	5.4
8 n-Pentane	72	1.913	1.913	(0.366)	5588	10.0000	12
11 Ethyl Ether	59	2.102	2.102	(0.403)	16247	5.00000	5.3
10 Isoprene	67	2.111	2.111	(0.404)	25798	5.00000	5.7
168 1,2-Dichlorotrifluoroethane	67	2.168	2.168	(0.415)	27441	5.00000	5.1
178 Freon 123	83	2.234	2.234	(0.428)	27222	5.00000	5.4

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47234.d
Report Date: 05-Oct-2012 01:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	2.267	2.267	(0.434)	19239	20.0000	20
	14 Freon TF	101	2.292	2.292	(0.439)	17781	5.00000	5.6
	15 1,1-Dichloroethene	96	2.308	2.308	(0.442)	16174	5.00000	5.3
	16 Acetone	43	2.399	2.399	(0.459)	32532	15.0000	16
	17 Iodomethane	142	2.440	2.440	(0.467)	35207	5.00000	5.3
	18 Carbon Disulfide	76	2.481	2.481	(0.475)	56098	5.00000	5.1
	170 Cyclopentene	67	2.637	2.637	(0.505)	43435	5.00000	5.1
	27 Methyl Acetate	43	2.654	2.654	(0.508)	28663	5.00000	5.0
	21 Acetonitrile	41	2.703	2.703	(0.518)	71057	100.000	100
	22 Methylene Chloride	84	2.769	2.769	(0.530)	20727	5.00000	5.2
	24 TBA	59	2.876	2.876	(0.551)	46466	100.000	90
	28 MTBE	73	2.942	2.942	(0.563)	50564	5.00000	4.7
	25 trans-1,2-Dichloroethene	96	2.958	2.958	(0.567)	17548	5.00000	5.1
	26 Acrylonitrile	53	3.041	3.041	(0.582)	17834	10.0000	9.6
	29 Hexane	43	3.131	3.131	(0.600)	13370	5.00000	5.0
	32 DIPE	45	3.386	3.386	(0.649)	55742	5.00000	4.6
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	34878	5.00000	5.0
	31 Vinyl Acetate	43	3.436	3.436	(0.658)	83683	10.0000	7.9
	34 n-Propanol	42	3.534	3.534	(0.677)	66181	2000.00	2200
	35 t-Butyl-ethyl-ether	59	3.748	3.748	(0.718)	61991	5.00000	5.1
	37 2,2-Dichloropropane	77	3.946	3.946	(0.756)	24496	5.00000	5.1
	36 cis-1,2-Dichloroethene	96	3.979	3.979	(0.762)	18745	5.00000	4.9
	38 2-Butanone	72	4.020	4.020	(0.770)	7754	15.0000	13
	39 Ethyl Acetate	70	4.045	4.045	(0.775)	4624	10.0000	9.7
	40 Bromochloromethane	128	4.234	4.234	(0.811)	10746	5.00000	5.1
	41 Tetrahydrofuran	42	4.234	4.234	(0.811)	8919	5.00000	4.8
	42 Chloroform	83	4.316	4.316	(0.827)	35600	5.00000	5.1
	44 Cyclohexane	56	4.440	4.440	(0.850)	24356	5.00000	4.9
	43 1,1,1-Trichloroethane	97	4.456	4.456	(0.853)	25590	5.00000	4.9
	45 Carbon Tetrachloride	117	4.588	4.588	(0.879)	25343	5.00000	4.9
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	24134	5.00000	4.8
	48 Benzene	78	4.859	4.859	(0.554)	71530	5.00000	5.3
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.892	4.892	(0.937)	258731	50.0000	51
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	50929	5.00000	4.9
	49 1,2-Dichloroethane	62	4.983	4.983	(0.954)	33367	5.00000	5.0
	61 Isopropyl Acetate	43	4.999	4.999	(0.957)	136363	10.0000	10
	51 n-Heptane	57	5.090	5.090	(0.975)	9278	5.00000	5.1
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	633936	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.501	5.501	(1.054)	61452	10.0000	9.1
	169 1,2-Difluorotetrachloroethane	101	5.501	5.501	(1.054)	19179	5.00000	5.3
	54 Trichloroethene	95	5.649	5.649	(1.082)	18475	5.00000	5.0
	53 n-Butanol	56	5.674	5.674	(1.087)	121671	1000.00	870
	56 Methyl cyclohexane	83	5.781	5.781	(1.107)	22882	5.00000	5.0
	55 Ethyl Acrylate	55	5.855	5.855	(1.121)	29449	5.00000	4.6
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	18741	5.00000	4.8
	58 Dibromomethane	93	6.151	6.151	(1.178)	14269	5.00000	5.0
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	4454	5.00000	4.4

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47234.d
Report Date: 05-Oct-2012 01:19

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	5358	100.000	91
	75 Propyl Acetate	43	6.234	6.234	(1.194)	32841	5.00000	4.4
	68 Bromodichloromethane	83	6.357	6.357	(1.218)	25259	5.00000	4.8
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.306)	10094	5.00000	3.9
	63 Epichlorohydrin	57	6.909	6.909	(0.787)	48766	100.000	92
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	26865	5.00000	4.6
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	70400	15.0000	13
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	567962	50.0000	50
	66 Toluene	91	7.295	7.295	(0.831)	71306	5.00000	5.0
	64 trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	23875	5.00000	4.3
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	16163	5.00000	5.0
	71 Tetrachloroethene	166	7.871	7.871	(0.897)	19045	5.00000	4.9
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	31033	5.00000	5.0
	73 2-Hexanone	43	8.118	8.118	(0.925)	47247	15.0000	12
	76 Butyl Acetate	73	8.225	8.225	(0.937)	9062	10.0000	8.3
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	18563	5.00000	4.6
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	20019	5.00000	5.0
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	490734	50.0000	
	79 Chlorobenzene	112	8.801	8.801	(1.003)	50557	5.00000	5.0
	81 Ethylbenzene	106	8.892	8.892	(1.013)	21195	5.00000	4.4
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	18294	5.00000	4.8
	82 m+p-Xylene	106	9.007	9.007	(1.026)	53974	10.0000	9.1
	83 Butyl Acrylate	73	9.369	9.369	(1.067)	11430	5.00000	3.8
	84 o-Xylene	106	9.369	9.369	(1.067)	25571	5.00000	4.3
	85 Styrene	104	9.402	9.402	(1.071)	43395	5.00000	4.3
	87 Amyl Acetate	43	9.575	9.575	(0.884)	18262	5.00000	3.8
	86 Bromoform	173	9.583	9.583	(1.092)	14016	5.00000	4.5
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	67091	5.00000	4.4
$	89 Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	213600	50.0000	49
	91 Bromobenzene	156	9.978	9.978	(0.922)	22109	5.00000	4.8
	92 1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	28443	5.00000	5.0
	95 n-Propylbenzene	91	10.044	10.044	(0.928)	85382	5.00000	4.6
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	9203	5.00000	5.3
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	7877	5.00000	4.7
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	64215	5.00000	4.8
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	60475	5.00000	4.6
	98 4-Chlorotoluene	91	10.242	10.242	(0.946)	59373	5.00000	4.8
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	17171	5.00000	3.9
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	47558	5.00000	4.4
	101 1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	57822	5.00000	4.4
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	75616	5.00000	4.7
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	58432	5.00000	4.4
	105 1,3-Dichlorobenzene	146	10.760	10.760	(0.994)	40682	5.00000	4.9
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	275883	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	43452	5.00000	4.9
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	40431	5.00000	4.2
	171 Indan	117	11.023	11.023	(2.111)	62132	5.00000	4.3

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47234.d
Report Date: 05-Oct-2012 01:19

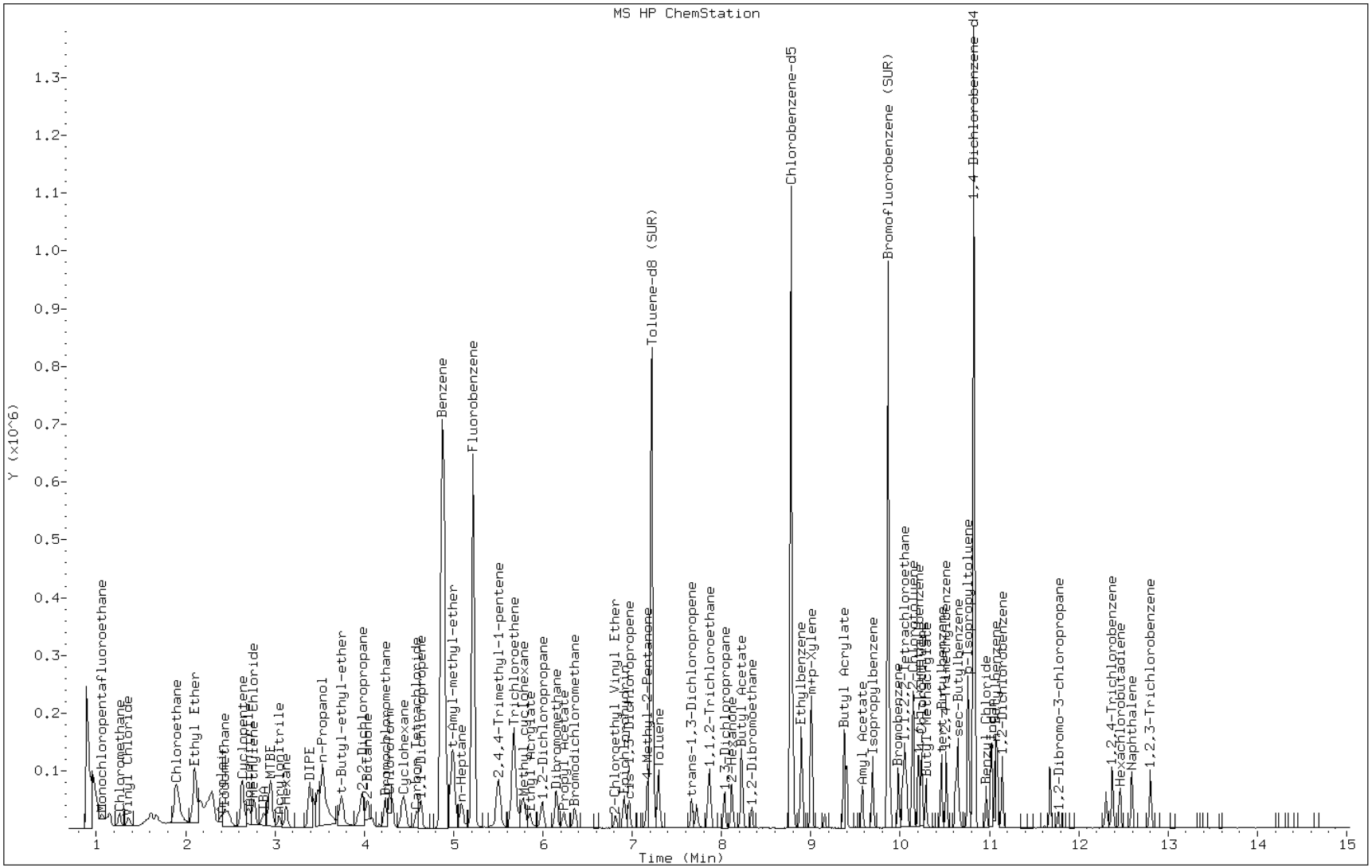
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	106 n-Butylbenzene	91	11.081	11.081	(1.024)	73311	5.00000	4.7
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	40801	5.00000	4.8
	112 1,2-Dibromo-3-chloropropane	75	11.764	11.764	(1.087)	5620	5.00000	4.6
	114 1,2,4-Trichlorobenzene	180	12.373	12.373	(1.143)	28253	5.00000	4.6
	115 Hexachlorobutadiene	225	12.464	12.464	(1.151)	12341	5.00000	5.0
	116 Naphthalene	128	12.595	12.595	(1.163)	64804	5.00000	4.0
	117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	28147	5.00000	4.7
M	120 1,2-Dichloroethene (Total)	100				36293	10.0000	10
M	121 Xylene (Total)	100				79545	15.0000	13

Data File: b47234.d

Date: 04-OCT-2012 22:27

Client ID: Instrument: VOAMS2.i

Sample Info: IC-VMCAL2 Operator: VOA GC/MS2



Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47235.d
Report Date: 05-Oct-2012 11:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47235.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 04-OCT-2012 22:49
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/8260_09.m
Meth Date : 05-Oct-2012 02:14 ken Quant Type: ISTD
Cal Date : 04-OCT-2012 22:49 Cal File: b47235.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
177	Monochloropentafluoroethane	85	1.033	1.041	(0.198)	8601	20.0000	19
179	Freon 152a	51	1.082	1.106	(0.207)	70830	20.0000	19
167	Chlorotrifluoroethene	66	1.115	1.115	(0.214)	16072	20.0000	19
2	Dichlorodifluoromethane	85	1.140	1.139	(0.218)	82888	20.0000	20
176	Chlorodifluoromethane	51	1.156	1.164	(0.221)	97708	20.0000	20
3	Chloromethane	50	1.271	1.288	(0.243)	92871	20.0000	19
4	Vinyl Chloride	62	1.362	1.370	(0.261)	81361	20.0000	20
6	Bromomethane	94	1.617	1.633	(0.310)	46271	20.0000	20
5	Chloroethane	64	1.683	1.699	(0.322)	44121	20.0000	20
183	Dichlorofluoromethane	67	1.888	1.897	(0.362)	150574	20.0000	20
7	Trichlorofluoromethane	101	1.888	1.897	(0.362)	112994	20.0000	21
8	n-Pentane	72	1.913	1.938	(0.366)	21160	40.0000	42
11	Ethyl Ether	59	2.102	2.111	(0.403)	64585	20.0000	20
10	Isoprene	67	2.111	2.119	(0.404)	95218	20.0000	20
168	1,2-Dichlorotrifluoroethane	67	2.177	2.185	(0.417)	116359	20.0000	21
178	Freon 123	83	2.242	2.250	(0.429)	104850	20.0000	20

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47235.d
Report Date: 05-Oct-2012 11:38

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	13 Acrolein	56	2.275	2.275	(0.436)	40972	40.0000	41
	14 Freon TF	101	2.292	2.292	(0.439)	65041	20.0000	20
	15 1,1-Dichloroethene	96	2.308	2.324	(0.442)	60924	20.0000	19
	16 Acetone	43	2.399	2.407	(0.459)	43408	20.0000	20
	17 Iodomethane	142	2.448	2.456	(0.469)	133890	20.0000	19
	18 Carbon Disulfide	76	2.489	2.489	(0.477)	216875	20.0000	19
	170 Cyclopentene	67	2.637	2.645	(0.505)	171690	20.0000	20
	27 Methyl Acetate	43	2.654	2.662	(0.508)	115183	20.0000	19
	21 Acetonitrile	41	2.711	2.711	(0.519)	294150	400.000	400
	22 Methylene Chloride	84	2.769	2.785	(0.530)	78390	20.0000	19
	24 TBA	59	2.876	2.884	(0.551)	204866	400.000	380
	28 MTBE	73	2.950	2.950	(0.565)	222222	20.0000	20
	25 trans-1,2-Dichloroethene	96	2.958	2.966	(0.567)	68974	20.0000	19
	26 Acrylonitrile	53	3.049	3.057	(0.584)	38075	20.0000	20
	29 Hexane	43	3.131	3.131	(0.600)	51398	20.0000	19
	32 DIPE	45	3.395	3.394	(0.650)	245893	20.0000	20
	30 1,1-Dichloroethane	63	3.395	3.394	(0.650)	141473	20.0000	20
	31 Vinyl Acetate	43	3.436	3.444	(0.658)	385407	40.0000	35
	34 n-Propanol	42	3.534	3.542	(0.677)	98558	3000.00	3200
	35 t-Butyl-ethyl-ether	59	3.748	3.756	(0.718)	240900	20.0000	19
	37 2,2-Dichloropropane	77	3.954	3.962	(0.757)	97845	20.0000	20
	36 cis-1,2-Dichloroethene	96	3.979	3.987	(0.762)	77494	20.0000	20
	38 2-Butanone	72	4.028	4.028	(0.771)	12686	20.0000	20
	39 Ethyl Acetate	70	4.045	4.053	(0.775)	18853	40.0000	38
	40 Bromochloromethane	128	4.234	4.242	(0.811)	42915	20.0000	20
	41 Tetrahydrofuran	42	4.234	4.234	(0.811)	37122	20.0000	20
	42 Chloroform	83	4.316	4.324	(0.827)	143736	20.0000	20
	44 Cyclohexane	56	4.431	4.440	(0.849)	103343	20.0000	20
	43 1,1,1-Trichloroethane	97	4.456	4.464	(0.853)	105079	20.0000	19
	45 Carbon Tetrachloride	117	4.588	4.596	(0.879)	103291	20.0000	19
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	101303	20.0000	19
	48 Benzene	78	4.859	4.867	(0.554)	285545	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.892	4.900	(0.937)	264924	50.0000	50
	50 t-Amyl-methyl-ether	73	4.983	4.991	(0.954)	213351	20.0000	20
	49 1,2-Dichloroethane	62	4.983	4.991	(0.954)	137164	20.0000	20
	61 Isopropyl Acetate	43	5.008	5.007	(0.959)	532852	40.0000	39
	51 n-Heptane	57	5.090	5.098	(0.975)	35145	20.0000	19
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	656355	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.501	5.509	(1.054)	270855	40.0000	39
	169 1,2-Difluorotetrachloroethane	101	5.501	5.509	(1.054)	76383	20.0000	20
	54 Trichloroethene	95	5.649	5.649	(1.082)	74819	20.0000	19
	53 n-Butanol	56	5.674	5.682	(1.087)	211804	1500.00	1500
	56 Methyl cyclohexane	83	5.781	5.789	(1.107)	91338	20.0000	19
	55 Ethyl Acrylate	55	5.855	5.863	(1.121)	122078	20.0000	19
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	78289	20.0000	19
	58 Dibromomethane	93	6.143	6.151	(1.177)	58587	20.0000	20
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	19457	20.0000	18

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		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	9406	150.000	150
	75 Propyl Acetate	43	6.234	6.242	(1.194)	145612	20.0000	19
	68 Bromodichloromethane	83	6.357	6.365	(1.218)	103569	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.306)	49671	20.0000	19
	63 Epichlorohydrin	57	6.909	6.917	(0.787)	224031	400.000	400
	67 cis-1,3-Dichloropropene	75	6.966	6.974	(0.794)	123789	20.0000	20
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	107465	20.0000	19
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	607679	50.0000	51
	66 Toluene	91	7.295	7.303	(0.831)	295934	20.0000	19
	64 trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	109508	20.0000	19
	69 1,1,2-Trichloroethane	83	7.855	7.863	(0.895)	67646	20.0000	20
	71 Tetrachloroethene	166	7.871	7.880	(0.897)	81642	20.0000	20
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	130451	20.0000	20
	73 2-Hexanone	43	8.118	8.118	(0.925)	75827	20.0000	19
	76 Butyl Acetate	73	8.225	8.225	(0.937)	47383	40.0000	41
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	83838	20.0000	19
	77 1,2-Dibromoethane	107	8.341	8.340	(0.950)	81636	20.0000	19
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	521814	50.0000	
	79 Chlorobenzene	112	8.801	8.809	(1.003)	207836	20.0000	19
	81 Ethylbenzene	106	8.892	8.892	(1.013)	100291	20.0000	20
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	76979	20.0000	19
	82 m+p-Xylene	106	9.007	9.007	(1.026)	261410	40.0000	41
	83 Butyl Acrylate	73	9.377	9.377	(1.068)	60935	20.0000	19
	84 o-Xylene	106	9.377	9.377	(1.068)	127035	20.0000	20
	85 Styrene	104	9.402	9.402	(1.071)	221108	20.0000	21
	87 Amyl Acetate	43	9.575	9.575	(0.884)	98112	20.0000	19
	86 Bromoform	173	9.583	9.583	(1.092)	62293	20.0000	19
	88 Isopropylbenzene	105	9.690	9.698	(1.104)	327830	20.0000	20
$	89 Bromofluorobenzene (SUR)	174	9.863	9.871	(0.911)	233309	50.0000	50
	91 Bromobenzene	156	9.986	9.986	(0.922)	96077	20.0000	19
	92 1,1,2,2-Tetrachloroethane	83	10.028	10.027	(0.926)	118925	20.0000	19
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	404522	20.0000	20
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	36554	20.0000	20
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	34730	20.0000	19
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	295730	20.0000	20
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	286450	20.0000	20
	98 4-Chlorotoluene	91	10.242	10.241	(0.946)	269660	20.0000	20
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	92138	20.0000	20
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	233111	20.0000	20
	101 1,2,4-Trimethylbenzene	105	10.513	10.521	(0.971)	293645	20.0000	21
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	362986	20.0000	21
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	292443	20.0000	20
	105 1,3-Dichlorobenzene	146	10.760	10.768	(0.994)	180141	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	294302	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	182818	20.0000	19
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	194356	20.0000	19
	171 Indan	117	11.023	11.023	(2.111)	298789	20.0000	20

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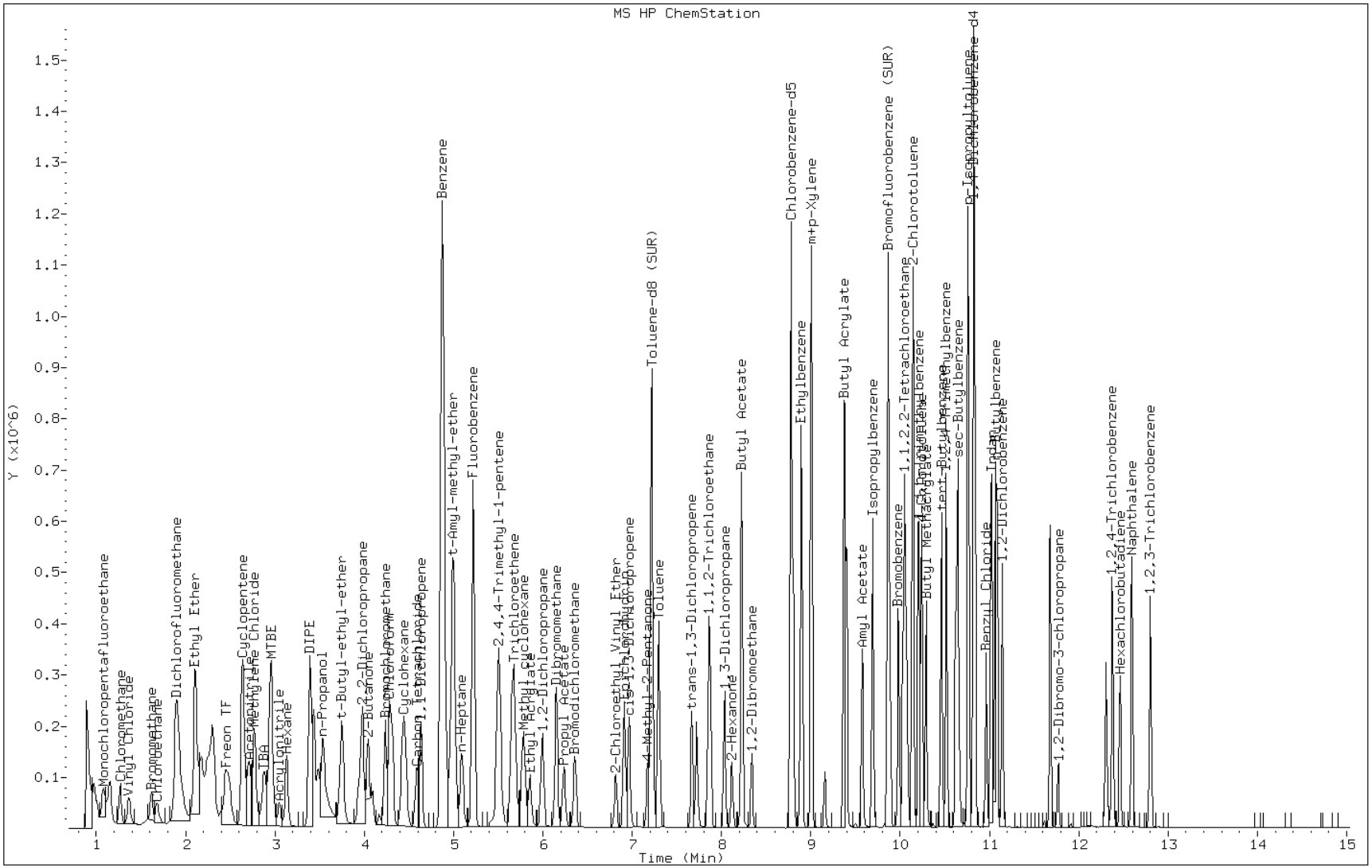
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	106 n-Butylbenzene	91	11.081	11.089	(1.024)	346777	20.0000	21
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	177733	20.0000	20
	112 1,2-Dibromo-3-chloropropane	75	11.764	11.772	(1.087)	24995	20.0000	19
	114 1,2,4-Trichlorobenzene	180	12.373	12.381	(1.143)	130824	20.0000	20
	115 Hexachlorobutadiene	225	12.464	12.463	(1.151)	50538	20.0000	19
	116 Naphthalene	128	12.595	12.595	(1.163)	349836	20.0000	20
	117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	125797	20.0000	20
M	120 1,2-Dichloroethene (Total)	100				146468	40.0000	39
M	121 Xylene (Total)	100				388445	60.0000	62

Data File: b47235.d

Date: 04-OCT-2012 22:49

Client ID: Instrument: VOAMS2.i

Sample Info: ICIS-VMCAL3 Operator: VOA GC/MS2



Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47236.d
Report Date: 05-Oct-2012 01:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47236.d
Lab Smp Id: IC-VMCAL4
Inj Date : 04-OCT-2012 23:11
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/8260_09.m
Meth Date : 05-Oct-2012 01:20 ken Quant Type: ISTD
Cal Date : 04-OCT-2012 23:11 Cal File: b47236.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
177 Monochloropentafluoroethane	85	1.032	1.032	(0.198)	17330	50.0000	37
179 Freon 152a	51	1.090	1.090	(0.209)	159982	50.0000	42
167 Chlorotrifluoroethene	66	1.106	1.106	(0.212)	33971	50.0000	39
2 Dichlorodifluoromethane	85	1.148	1.148	(0.220)	170864	50.0000	39
176 Chlorodifluoromethane	51	1.164	1.164	(0.223)	215759	50.0000	42
3 Chloromethane	50	1.271	1.271	(0.243)	219253	50.0000	44
4 Vinyl Chloride	62	1.370	1.370	(0.262)	187600	50.0000	44
6 Bromomethane	94	1.625	1.625	(0.311)	104580	50.0000	45
5 Chloroethane	64	1.691	1.691	(0.324)	98749	50.0000	44
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	329778	50.0000	43
7 Trichlorofluoromethane	101	1.897	1.897	(0.363)	241342	50.0000	43
8 n-Pentane	72	1.913	1.913	(0.366)	39790	100.000	76
11 Ethyl Ether	59	2.102	2.102	(0.403)	148606	50.0000	45
10 Isoprene	67	2.110	2.110	(0.404)	186432	50.0000	38
168 1,2-Dichlorotrifluoroethane	67	2.176	2.176	(0.417)	259382	50.0000	45
178 Freon 123	83	2.242	2.242	(0.429)	221012	50.0000	41

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47236.d
Report Date: 05-Oct-2012 01:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	2.275	2.275	(0.436)	98289	100.000	95
	14 Freon TF	101	2.292	2.292	(0.439)	125674	50.0000	37
	15 1,1-Dichloroethene	96	2.316	2.316	(0.444)	134926	50.0000	41
	16 Acetone	43	2.407	2.407	(0.461)	103778	50.0000	46
	17 Iodomethane	142	2.456	2.456	(0.470)	301345	50.0000	42
	18 Carbon Disulfide	76	2.489	2.489	(0.477)	486426	50.0000	41
	170 Cyclopentene	67	2.637	2.637	(0.505)	365924	50.0000	40
	27 Methyl Acetate	43	2.654	2.654	(0.508)	278651	50.0000	45
	21 Acetonitrile	41	2.711	2.711	(0.519)	745634	1000.00	990
	22 Methylene Chloride	84	2.777	2.777	(0.532)	182929	50.0000	43
	24 TBA	59	2.884	2.884	(0.552)	547704	1000.00	980
	28 MTBE	73	2.950	2.950	(0.565)	540316	50.0000	47
	25 trans-1,2-Dichloroethene	96	2.958	2.958	(0.567)	161674	50.0000	44
	26 Acrylonitrile	53	3.049	3.049	(0.584)	98267	50.0000	49
	29 Hexane	43	3.131	3.131	(0.600)	105712	50.0000	37
	32 DIPE	45	3.394	3.394	(0.650)	598673	50.0000	46
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	330768	50.0000	45
	31 Vinyl Acetate	43	3.435	3.435	(0.658)	1022164	100.000	90
	34 n-Propanol	42	3.534	3.534	(0.677)	125854	4000.00	3900
	35 t-Butyl-ethyl-ether	59	3.748	3.748	(0.718)	569852	50.0000	44
	37 2,2-Dichloropropane	77	3.954	3.954	(0.757)	227111	50.0000	44
	36 cis-1,2-Dichloroethene	96	3.987	3.987	(0.764)	184978	50.0000	45
	38 2-Butanone	72	4.028	4.028	(0.771)	32240	50.0000	50
	39 Ethyl Acetate	70	4.044	4.044	(0.775)	48930	100.000	96
	40 Bromochloromethane	128	4.242	4.242	(0.812)	103314	50.0000	45
	41 Tetrahydrofuran	42	4.234	4.234	(0.811)	96023	50.0000	49
	42 Chloroform	83	4.316	4.316	(0.827)	341129	50.0000	46
	44 Cyclohexane	56	4.431	4.431	(0.849)	209034	50.0000	39
	43 1,1,1-Trichloroethane	97	4.456	4.456	(0.853)	248338	50.0000	44
	45 Carbon Tetrachloride	117	4.596	4.596	(0.880)	235692	50.0000	43
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	240181	50.0000	44
	48 Benzene	78	4.867	4.867	(0.555)	676148	50.0000	44
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.900	(0.939)	271623	50.0000	50
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	514127	50.0000	46
	49 1,2-Dichloroethane	62	4.991	4.991	(0.956)	325250	50.0000	46
	61 Isopropyl Acetate	43	5.007	5.007	(0.959)	1272783	100.000	89
	51 n-Heptane	57	5.098	5.098	(0.976)	77099	50.0000	40
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	679022	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.509	5.509	(1.055)	579007	100.000	80
	169 1,2-Difluorotetrachloroethane	101	5.509	5.509	(1.055)	161572	50.0000	41
	54 Trichloroethene	95	5.649	5.649	(1.082)	180164	50.0000	45
	53 n-Butanol	56	5.682	5.682	(1.088)	300775	2000.00	2000
	56 Methyl cyclohexane	83	5.781	5.781	(1.107)	187818	50.0000	39
	55 Ethyl Acrylate	55	5.855	5.855	(1.121)	321226	50.0000	47
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	189482	50.0000	45
	58 Dibromomethane	93	6.151	6.151	(1.178)	143165	50.0000	46
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	53571	50.0000	49

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47236.d
Report Date: 05-Oct-2012 01:20

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	14059	200.000	220
	75 Propyl Acetate	43	6.234	6.234	(1.194)	390673	50.0000	49
	68 Bromodichloromethane	83	6.357	6.357	(1.218)	259728	50.0000	46
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.306)	136271	50.0000	50
	63 Epichlorohydrin	57	6.908	6.908	(0.787)	601148	1000.00	1000
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	317488	50.0000	48
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	289167	50.0000	48
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	641900	50.0000	51
	66 Toluene	91	7.295	7.295	(0.831)	722426	50.0000	45
	64 trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	294352	50.0000	48
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	167069	50.0000	46
	71 Tetrachloroethene	166	7.871	7.871	(0.897)	193177	50.0000	44
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	329404	50.0000	47
	73 2-Hexanone	43	8.118	8.118	(0.925)	210359	50.0000	50
	76 Butyl Acetate	73	8.225	8.225	(0.937)	127468	100.000	100
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	212864	50.0000	46
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	208597	50.0000	47
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	552778	50.0000	
	79 Chlorobenzene	112	8.801	8.801	(1.003)	521652	50.0000	46
	81 Ethylbenzene	106	8.892	8.892	(1.013)	256990	50.0000	47
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	196187	50.0000	46
	82 m+p-Xylene	106	9.007	9.007	(1.026)	645922	100.000	97
	83 Butyl Acrylate	73	9.377	9.377	(1.068)	170008	50.0000	50
	84 o-Xylene	106	9.369	9.369	(1.067)	326881	50.0000	49
	85 Styrene	104	9.402	9.402	(1.071)	572599	50.0000	50
	87 Amyl Acetate	43	9.575	9.575	(0.884)	273465	50.0000	49
	86 Bromoform	173	9.583	9.583	(1.092)	165199	50.0000	47
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	831589	50.0000	49
$	89 Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	251672	50.0000	50
	91 Bromobenzene	156	9.986	9.986	(0.922)	239281	50.0000	45
	92 1,1,2,2-Tetrachloroethane	83	10.027	10.027	(0.926)	309715	50.0000	47
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	1021446	50.0000	48
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	94166	50.0000	47
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	90435	50.0000	47
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	729494	50.0000	47
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	723194	50.0000	48
	98 4-Chlorotoluene	91	10.241	10.241	(0.946)	671092	50.0000	47
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	248211	50.0000	49
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	597087	50.0000	48
	101 1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	753493	50.0000	50
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	904429	50.0000	49
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	759156	50.0000	49
	105 1,3-Dichlorobenzene	146	10.760	10.760	(0.994)	449730	50.0000	47
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	316163	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	452574	50.0000	45
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	526096	50.0000	48
	171 Indan	117	11.023	11.023	(2.111)	735290	50.0000	48

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47236.d
Report Date: 05-Oct-2012 01:20

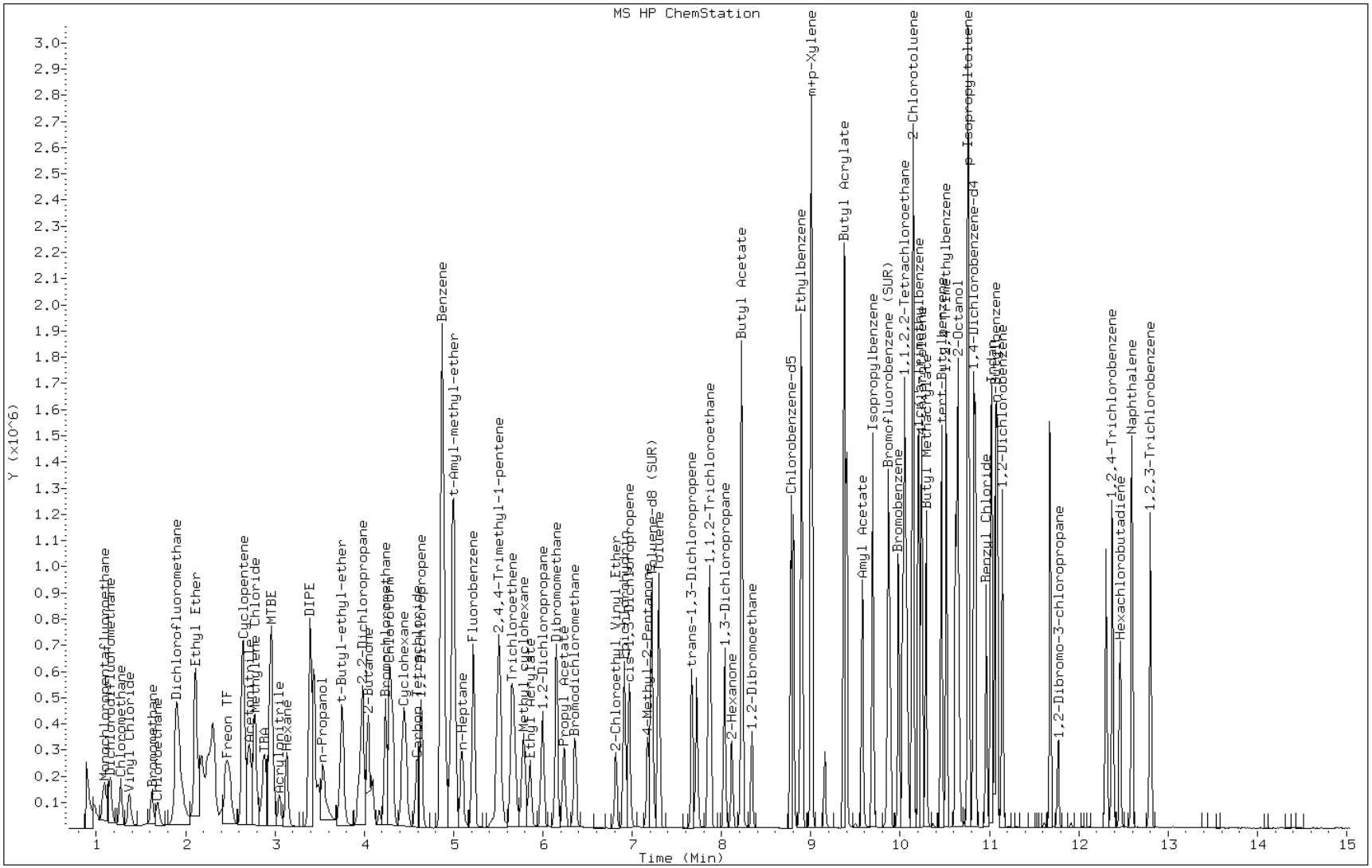
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
106 n-Butylbenzene	91	11.089	11.089	(1.024)	857201	50.0000	48
111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	446102	50.0000	46
112 1,2-Dibromo-3-chloropropane	75	11.772	11.772	(1.087)	67766	50.0000	48
114 1,2,4-Trichlorobenzene	180	12.373	12.373	(1.143)	337714	50.0000	48
115 Hexachlorobutadiene	225	12.463	12.463	(1.151)	121598	50.0000	43
116 Naphthalene	128	12.595	12.595	(1.163)	991789	50.0000	53
117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	332052	50.0000	48
M 120 1,2-Dichloroethene (Total)	100				346652	100.000	90
M 121 Xylene (Total)	100				972803	150.000	140

Data File: b47236.d

Date: 04-OCT-2012 23:11

Client ID: Instrument: VOAMS2.i

Sample Info: IC-VMCAL4 Operator: VOA GC/MS2



Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47237.d
Report Date: 05-Oct-2012 01:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47237.d
Lab Smp Id: IC-VMCAL5
Inj Date : 04-OCT-2012 23:33
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/8260_09.m
Meth Date : 05-Oct-2012 01:20 ken Quant Type: ISTD
Cal Date : 04-OCT-2012 23:33 Cal File: b47237.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
177	Monochloropentafluoroethane	85	1.032	1.032	(0.198)	37192	200.000	84
179	Freon 152a	51	1.090	1.090	(0.209)	834256	200.000	210
167	Chlorotrifluoroethene	66	1.106	1.106	(0.212)	183017	200.000	200
2	Dichlorodifluoromethane	85	1.131	1.131	(0.217)	969289	200.000	210
176	Chlorodifluoromethane	51	1.156	1.156	(0.221)	1093109	200.000	200
3	Chloromethane	50	1.279	1.279	(0.245)	1057261	200.000	200
4	Vinyl Chloride	62	1.362	1.362	(0.261)	937282	200.000	210
6	Bromomethane	94	1.617	1.617	(0.310)	453594	200.000	180
5	Chloroethane	64	1.691	1.691	(0.324)	458167	200.000	190
183	Dichlorofluoromethane	67	1.888	1.888	(0.362)	1608179	200.000	200
7	Trichlorofluoromethane	101	1.888	1.888	(0.362)	1224301	200.000	210
8	n-Pentane	72	1.921	1.921	(0.368)	232452	400.000	420
11	Ethyl Ether	59	2.102	2.102	(0.403)	700070	200.000	200
10	Isoprene	67	2.110	2.110	(0.404)	1065218	200.000	210
168	1,2-Dichlorotrifluoroethane	67	2.176	2.176	(0.417)	1221694	200.000	200
178	Freon 123	83	2.242	2.242	(0.429)	1150298	200.000	200

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47237.d
Report Date: 05-Oct-2012 01:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
13	Acrolein	56	2.267	2.267	(0.434)	223400	200.000	200
14	Freon TF	101	2.292	2.292	(0.439)	778396	200.000	220
15	1,1-Dichloroethene	96	2.316	2.316	(0.444)	678999	200.000	200
16	Acetone	43	2.398	2.398	(0.459)	426627	200.000	180
17	Iodomethane	142	2.448	2.448	(0.469)	1512385	200.000	200
18	Carbon Disulfide	76	2.481	2.481	(0.475)	2593788	200.000	210
170	Cyclopentene	67	2.637	2.637	(0.505)	2077717	200.000	220
27	Methyl Acetate	43	2.654	2.654	(0.508)	1272658	200.000	200
21	Acetonitrile	41	2.703	2.703	(0.518)	3206110	4000.00	4100
22	Methylene Chloride	84	2.777	2.777	(0.532)	863858	200.000	190
24	TBA	59	2.884	2.884	(0.552)	2694733	4000.00	4600
28	MTBE	73	2.950	2.950	(0.565)	2739211	200.000	230
25	trans-1,2-Dichloroethene	96	2.958	2.958	(0.567)	804585	200.000	210
26	Acrylonitrile	53	3.049	3.049	(0.584)	219823	100.000	100
29	Hexane	43	3.131	3.131	(0.600)	668326	200.000	220
32	DIPE	45	3.394	3.394	(0.650)	3120229	200.000	230
30	1,1-Dichloroethane	63	3.394	3.394	(0.650)	1624422	200.000	210
31	Vinyl Acetate	43	3.435	3.435	(0.658)	5923751	400.000	500
34	n-Propanol	42	3.534	3.534	(0.677)	161456	5000.00	4800
35	t-Butyl-ethyl-ether	59	3.748	3.748	(0.718)	2836420	200.000	210
37	2,2-Dichloropropane	77	3.954	3.954	(0.757)	1135323	200.000	210
36	cis-1,2-Dichloroethene	96	3.979	3.979	(0.762)	916681	200.000	220
38	2-Butanone	72	4.020	4.020	(0.770)	148475	200.000	220
39	Ethyl Acetate	70	4.044	4.044	(0.775)	234590	400.000	440
40	Bromochloromethane	128	4.234	4.234	(0.811)	498266	200.000	210
41	Tetrahydrofuran	42	4.234	4.234	(0.811)	456917	200.000	220
42	Chloroform	83	4.316	4.316	(0.827)	1650064	200.000	210
44	Cyclohexane	56	4.431	4.431	(0.849)	1312486	200.000	230
43	1,1,1-Trichloroethane	97	4.456	4.456	(0.853)	1307842	200.000	220
45	Carbon Tetrachloride	117	4.596	4.596	(0.880)	1259915	200.000	220
46	1,1-Dichloropropene	75	4.637	4.637	(0.888)	1278060	200.000	220
48	Benzene	78	4.859	4.859	(0.554)	3277871	200.000	200
$ 47	1,2-Dichloroethane-d4 (SUR)	65	4.892	4.892	(0.937)	277425	50.0000	49
50	t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	2621086	200.000	220(A)
49	1,2-Dichloroethane	62	4.983	4.983	(0.954)	1531368	200.000	200
61	Isopropyl Acetate	43	5.007	5.007	(0.959)	6108373	400.000	410(A)
51	n-Heptane	57	5.090	5.090	(0.975)	447966	200.000	220
* 52	Fluorobenzene	96	5.221	5.221	(1.000)	710869	50.0000	
166	2,4,4-Trimethyl-1-pentene	57	5.509	5.509	(1.055)	3833070	400.000	510
169	1,2-Difluorotetrachloroethane	101	5.509	5.509	(1.055)	861769	200.000	210
54	Trichloroethene	95	5.649	5.649	(1.082)	902452	200.000	220
53	n-Butanol	56	5.682	5.682	(1.088)	436614	2500.00	2800
56	Methyl cyclohexane	83	5.781	5.781	(1.107)	1185381	200.000	230
55	Ethyl Acrylate	55	5.855	5.855	(1.121)	1641222	200.000	230(A)
57	1,2-Dichloropropane	63	5.995	5.995	(1.148)	945307	200.000	220
58	Dibromomethane	93	6.151	6.151	(1.178)	690142	200.000	210
59	Methyl Methacrylate	100	6.151	6.151	(1.178)	276466	200.000	240(A)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47237.d
Report Date: 05-Oct-2012 01:20

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	20445	250.000	300(A)
	75 Propyl Acetate	43	6.234	6.234	(1.194)	1964007	200.000	240
	68 Bromodichloromethane	83	6.357	6.357	(1.218)	1318790	200.000	220
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.306)	746828	200.000	260(A)
	63 Epichlorohydrin	57	6.917	6.917	(0.788)	2865393	4000.00	4400
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	1635254	200.000	230
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	1484669	200.000	230
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	673710	50.0000	49
	66 Toluene	91	7.295	7.295	(0.831)	3649650	200.000	210
	64 trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	1574615	200.000	230
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	823093	200.000	210
	71 Tetrachloroethene	166	7.871	7.871	(0.897)	994601	200.000	210
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	1641670	200.000	220
	73 2-Hexanone	43	8.118	8.118	(0.925)	1103003	200.000	240(A)
	76 Butyl Acetate	73	8.225	8.225	(0.937)	675765	400.000	510
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	1122512	200.000	220
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	1033085	200.000	210
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	598832	50.0000	
	79 Chlorobenzene	112	8.801	8.801	(1.003)	2587136	200.000	210
	81 Ethylbenzene	106	8.892	8.892	(1.013)	1342101	200.000	230
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	1013783	200.000	220
	82 m+p-Xylene	106	9.007	9.007	(1.026)	3340946	400.000	460
	83 Butyl Acrylate	73	9.377	9.377	(1.068)	975020	200.000	270
	84 o-Xylene	106	9.377	9.377	(1.068)	1674023	200.000	230
	85 Styrene	104	9.402	9.402	(1.071)	2943055	200.000	240
	87 Amyl Acetate	43	9.575	9.575	(0.884)	1578055	200.000	260
	86 Bromoform	173	9.583	9.583	(1.092)	882173	200.000	230
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	4339428	200.000	240
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	273358	50.0000	51
	91 Bromobenzene	156	9.986	9.986	(0.922)	1227676	200.000	220
	92 1,1,2,2-Tetrachloroethane	83	10.027	10.027	(0.926)	1491723	200.000	210
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	5313736	200.000	230
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	441273	200.000	200
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	470551	200.000	230
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	3775818	200.000	230
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	3745890	200.000	230
	98 4-Chlorotoluene	91	10.241	10.241	(0.946)	3451704	200.000	220
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	1408227	200.000	260
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	3161097	200.000	240
	101 1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	3867497	200.000	240
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	4664925	200.000	240
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	4048526	200.000	240
	105 1,3-Dichlorobenzene	146	10.768	10.768	(0.995)	2284319	200.000	220
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	339575	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	2315004	200.000	210
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	2888775	200.000	240
	171 Indan	117	11.023	11.023	(2.111)	3934785	200.000	240

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47237.d
Report Date: 05-Oct-2012 01:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	106 n-Butylbenzene	91	11.089	11.089	(1.024)	4494014	200.000	230
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	2262752	200.000	220
	112 1,2-Dibromo-3-chloropropane	75	11.772	11.772	(1.087)	343791	200.000	230
	114 1,2,4-Trichlorobenzene	180	12.381	12.381	(1.144)	1773514	200.000	230
	115 Hexachlorobutadiene	225	12.463	12.463	(1.151)	671336	200.000	220(A)
	116 Naphthalene	128	12.595	12.595	(1.163)	5041979	200.000	250
	117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	1700439	200.000	230
M	120 1,2-Dichloroethene (Total)	100				1721266	400.000	420
M	121 Xylene (Total)	100				5014969	600.000	690

QC Flag Legend

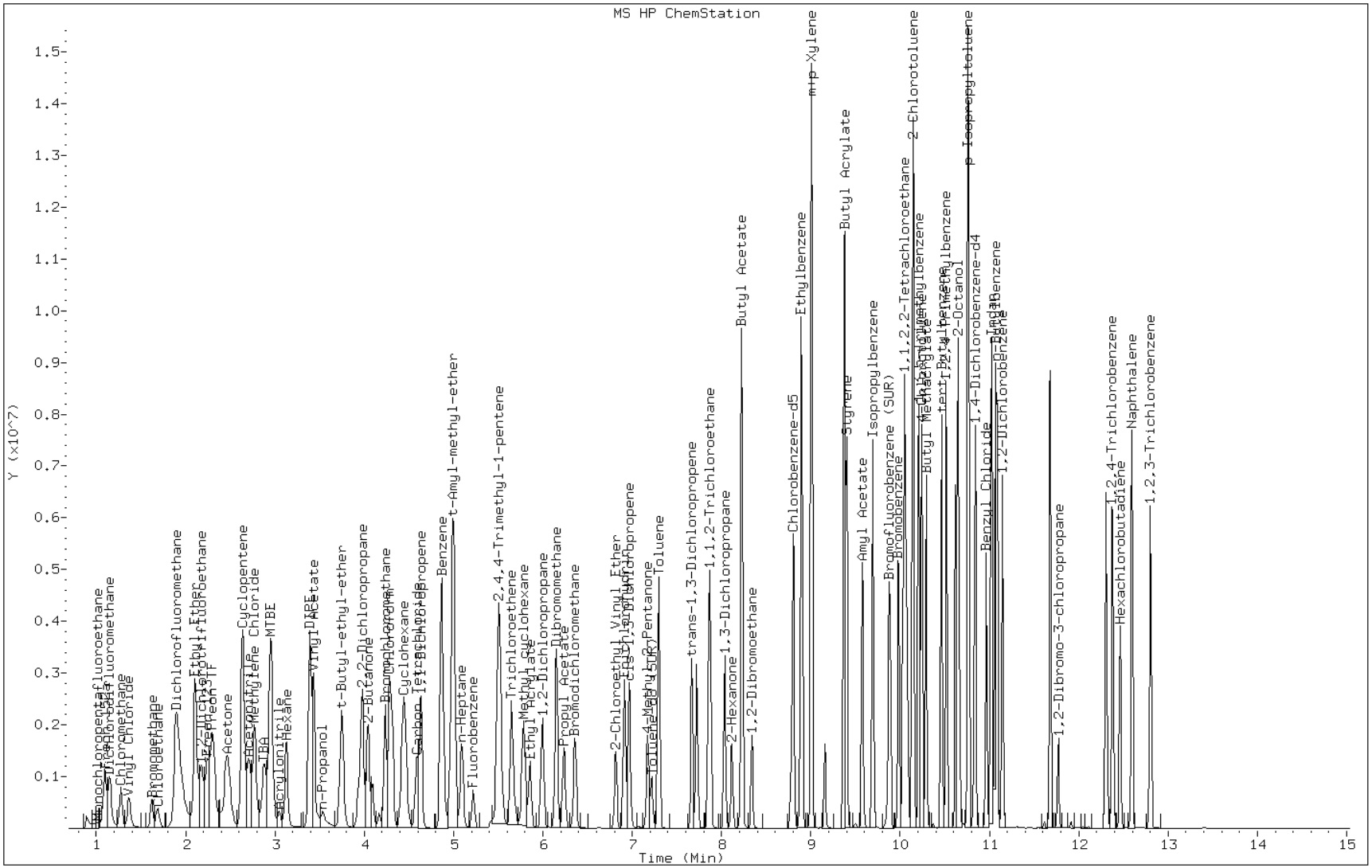
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: b47237.d

Date: 04-OCT-2012 23:33

Client ID: Instrument: VOAMS2.i

Sample Info: IC-VMCAL5 Operator: VOA GC/MS2



Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47238.d
Report Date: 05-Oct-2012 11:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47238.d
Lab Smp Id: IC-VMCAL6
Inj Date : 04-OCT-2012 23:55
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/8260_09.m
Meth Date : 05-Oct-2012 02:14 ken Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 9 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
177 Monochloropentafluoroethane	85	1.041	1.041	(0.199)	244856	500.000	530(A)
179 Freon 152a	51	1.106	1.106	(0.212)	2201762	500.000	530(A)
167 Chlorotrifluoroethene	66	1.115	1.115	(0.213)	472778	500.000	500
2 Dichlorodifluoromethane	85	1.139	1.139	(0.218)	2464402	500.000	520(A)
176 Chlorodifluoromethane	51	1.164	1.164	(0.223)	2892491	500.000	510(A)
3 Chloromethane	50	1.288	1.288	(0.247)	2710082	500.000	500
4 Vinyl Chloride	62	1.370	1.370	(0.262)	2384541	500.000	510(A)
6 Bromomethane	94	1.633	1.633	(0.313)	1096002	500.000	430
5 Chloroethane	64	1.699	1.699	(0.325)	1127835	500.000	460
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	3828609	500.000	450
7 Trichlorofluoromethane	101	1.897	1.897	(0.363)	2967788	500.000	490
8 n-Pentane	72	1.938	1.938	(0.371)	548203	1000.00	960
11 Ethyl Ether	59	2.111	2.111	(0.404)	1639067	500.000	460
10 Isoprene	67	2.119	2.119	(0.406)	2601676	500.000	490
168 1,2-Dichlorotrifluoroethane	67	2.185	2.185	(0.418)	3089450	500.000	490
178 Freon 123	83	2.250	2.250	(0.431)	2905191	500.000	500

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47238.d
Report Date: 05-Oct-2012 11:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	13 Acrolein	56	2.275	2.275	(0.436)	456324	400.000	400
	14 Freon TF	101	2.292	2.292	(0.439)	1871814	500.000	500(A)
	15 1,1-Dichloroethene	96	2.324	2.324	(0.445)	1686793	500.000	470
	16 Acetone	43	2.407	2.407	(0.461)	1001644	500.000	410
	17 Iodomethane	142	2.456	2.456	(0.470)	3700863	500.000	480
	18 Carbon Disulfide	76	2.489	2.489	(0.477)	6503403	500.000	510(A)
	170 Cyclopentene	67	2.645	2.645	(0.507)	5183668	500.000	520(A)
	27 Methyl Acetate	43	2.662	2.662	(0.510)	3055293	500.000	460
	21 Acetonitrile	41	2.711	2.711	(0.519)	7331860	10000.0	9000
	22 Methylene Chloride	84	2.785	2.785	(0.533)	2135367	500.000	460
	24 TBA	59	2.884	2.884	(0.552)	6689191	10000.0	11000(A)
	28 MTBE	73	2.950	2.950	(0.565)	6679189	500.000	530(A)
	25 trans-1,2-Dichloroethene	96	2.966	2.966	(0.568)	2012611	500.000	500(A)
	26 Acrylonitrile	53	3.057	3.057	(0.585)	440840	200.000	200
	29 Hexane	43	3.131	3.131	(0.600)	1645163	500.000	530(A)
	32 DIPE	45	3.394	3.394	(0.650)	7684609	500.000	540(A)
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	4073591	500.000	500(A)
	31 Vinyl Acetate	43	3.444	3.444	(0.660)	14733194	1000.00	1200(A)
	34 n-Propanol	42	3.542	3.542	(0.678)	189631	6000.00	5400(A)
	35 t-Butyl-ethyl-ether	59	3.756	3.756	(0.719)	7019796	500.000	500
	37 2,2-Dichloropropane	77	3.962	3.962	(0.759)	2780088	500.000	490
	36 cis-1,2-Dichloroethene	96	3.987	3.987	(0.764)	2291056	500.000	520(A)
	38 2-Butanone	72	4.028	4.028	(0.771)	358948	500.000	520(A)
	39 Ethyl Acetate	70	4.053	4.053	(0.776)	576483	1000.00	1000(A)
	40 Bromochloromethane	128	4.242	4.242	(0.812)	1241552	500.000	500(A)
	41 Tetrahydrofuran	42	4.234	4.234	(0.811)	993978	500.000	460
	42 Chloroform	83	4.324	4.324	(0.828)	4084703	500.000	500
	44 Cyclohexane	56	4.440	4.440	(0.850)	3315785	500.000	570(A)
	43 1,1,1-Trichloroethane	97	4.464	4.464	(0.855)	3342179	500.000	540(A)
	45 Carbon Tetrachloride	117	4.596	4.596	(0.880)	3263436	500.000	540(A)
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	3296050	500.000	560(A)
	48 Benzene	78	4.867	4.867	(0.555)	8242311	500.000	480
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.900	(0.939)	284624	50.0000	48
	50 t-Amyl-methyl-ether	73	4.991	4.991	(0.956)	6445581	500.000	530(A)
	49 1,2-Dichloroethane	62	4.991	4.991	(0.956)	3732269	500.000	480
	61 Isopropyl Acetate	43	5.007	5.007	(0.959)	14676921	1000.00	940(A)
	51 n-Heptane	57	5.098	5.098	(0.976)	1096043	500.000	520(A)
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	740300	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.509	5.509	(1.055)	9557279	1000.00	1200(A)
	169 1,2-Difluorotetrachloroethane	101	5.509	5.509	(1.055)	2258099	500.000	530(A)
	54 Trichloroethene	95	5.649	5.649	(1.082)	2290549	500.000	530(A)
	53 n-Butanol	56	5.682	5.682	(1.088)	587922	3000.00	3600(A)
	56 Methyl cyclohexane	83	5.789	5.789	(1.109)	2938635	500.000	550(A)
	55 Ethyl Acrylate	55	5.863	5.863	(1.123)	4160913	500.000	560(A)
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	2378840	500.000	520(A)
	58 Dibromomethane	93	6.151	6.151	(1.178)	1723229	500.000	510(A)
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	703151	500.000	590(A)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47238.d
Report Date: 05-Oct-2012 11:28

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	29095	300.000	410(A)
	75 Propyl Acetate	43	6.242	6.242	(1.195)	4885561	500.000	570(A)
	68 Bromodichloromethane	83	6.365	6.365	(1.219)	3369346	500.000	550(A)
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.306)	1888356	500.000	630(A)
	63 Epichlorohydrin	57	6.917	6.917	(0.788)	7095641	10000.0	10000(A)
	67 cis-1,3-Dichloropropene	75	6.974	6.974	(0.795)	4133262	500.000	550(A)
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	3681033	500.000	540(A)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	703596	50.0000	49
	66 Toluene	91	7.303	7.303	(0.832)	9212528	500.000	500(A)
	64 trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	4091365	500.000	580(A)
	69 1,1,2-Trichloroethane	83	7.863	7.863	(0.896)	2082821	500.000	500(A)
	71 Tetrachloroethene	166	7.880	7.880	(0.898)	2543115	500.000	510(A)
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	4113776	500.000	520(A)
	73 2-Hexanone	43	8.118	8.118	(0.925)	2775734	500.000	580(A)
	76 Butyl Acetate	73	8.225	8.225	(0.937)	1672229	1000.00	1200(A)
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	2876956	500.000	550(A)
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	2590469	500.000	510(A)
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	628670	50.0000	
	79 Chlorobenzene	112	8.809	8.809	(1.004)	6545133	500.000	500(A)
	81 Ethylbenzene	106	8.892	8.892	(1.013)	3465410	500.000	560(A)
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	2580878	500.000	530(A)
	82 m+p-Xylene	106	9.007	9.007	(1.026)	8410334	1000.00	1100(A)
	83 Butyl Acrylate	73	9.377	9.377	(1.068)	2457756	500.000	640(A)
	84 o-Xylene	106	9.377	9.377	(1.068)	4210822	500.000	560(A)
	85 Styrene	104	9.402	9.402	(1.071)	7476022	500.000	580(A)
	87 Amyl Acetate	43	9.575	9.575	(0.884)	4093361	500.000	640(A)
	86 Bromoform	173	9.583	9.583	(1.092)	2331546	500.000	590(A)
	88 Isopropylbenzene	105	9.698	9.698	(1.105)	10932554	500.000	570(A)
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	291346	50.0000	50
	91 Bromobenzene	156	9.986	9.986	(0.922)	3141014	500.000	510(A)
	92 1,1,2,2-Tetrachloroethane	83	10.027	10.027	(0.926)	3816282	500.000	500(A)
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	12735577	500.000	520(A)
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	1115172	500.000	480
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	1213915	500.000	540(A)
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	9568649	500.000	530(A)
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	9503411	500.000	550(A)
	98 4-Chlorotoluene	91	10.241	10.241	(0.946)	8826112	500.000	540(A)
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	3558305	500.000	610(A)
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	8000934	500.000	560(A)
	101 1,2,4-Trimethylbenzene	105	10.521	10.521	(0.972)	9873798	500.000	560(A)
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	11356908	500.000	530(A)
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	10021936	500.000	560(A)
	105 1,3-Dichlorobenzene	146	10.768	10.768	(0.995)	5746197	500.000	520(A)
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	365758	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	5926600	500.000	510(A)
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	7445452	500.000	580(A)
	171 Indan	117	11.023	11.023	(2.111)	9536283	500.000	570(A)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47238.d
Report Date: 05-Oct-2012 11:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	106 n-Butylbenzene	91	11.089	11.089	(1.024)	11156814	500.000	540(A)
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	5755288	500.000	520(A)
	112 1,2-Dibromo-3-chloropropane	75	11.772	11.772	(1.087)	916287	500.000	560(A)
	114 1,2,4-Trichlorobenzene	180	12.381	12.381	(1.144)	4448921	500.000	540(A)
	115 Hexachlorobutadiene	225	12.463	12.463	(1.151)	1635380	500.000	500(A)
	116 Naphthalene	128	12.595	12.595	(1.163)	12264149	500.000	570(A)
	117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	4248237	500.000	530(A)
M	120 1,2-Dichloroethene (Total)	100				4303667	1000.00	1000
M	121 Xylene (Total)	100				12621156	1500.00	1700

QC Flag Legend

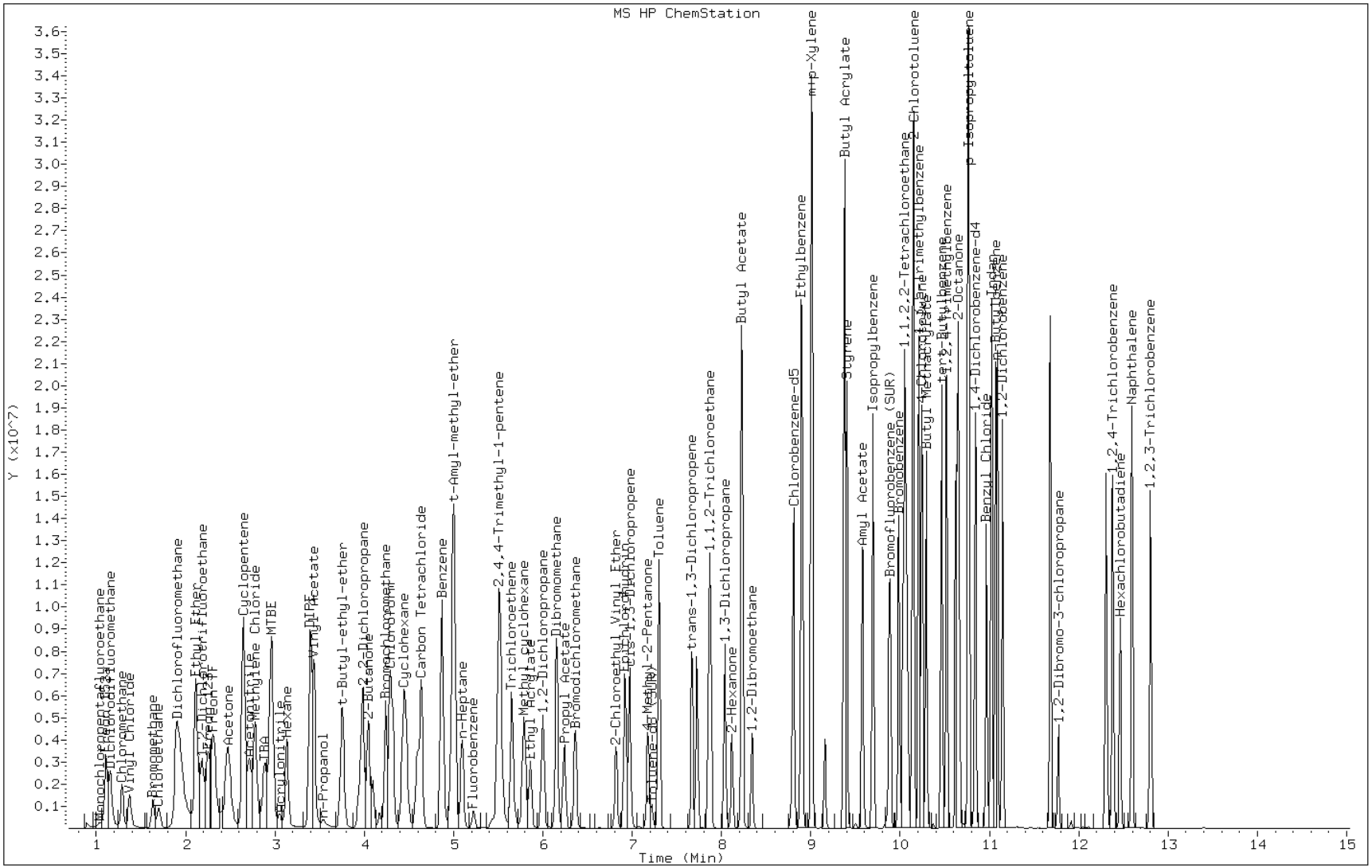
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: b47238.d

Date: 04-OCT-2012 23:55

Client ID: Instrument: VOAMS2.i

Sample Info: IC-VMCAL6 Operator: VOA GC/MS2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131290/2 Calibration Date: 10/09/2012 19:42

Instrument ID: VOAMS2 Calib Start Date: 10/04/2012 21:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2012 23:55

Lab File ID: b47439.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	0.3195	0.2017		12.6	20.0	-36.9	50.0
Chloromethane	Ave	0.3688	0.3295	0.1000	17.9	20.0	-10.7	50.0
Vinyl chloride	Ave	0.3173	0.2720		17.1	20.0	-14.3	20.0
Bromomethane	Ave	0.1722	0.1609		18.7	20.0	-6.6	50.0
Chloroethane	Ave	0.1665	0.1549		18.6	20.0	-7.0	50.0
Dichlorofluoromethane	Ave	0.5696	0.5511		19.4	20.0	-3.2	50.0
Trichlorofluoromethane	Ave	0.4104	0.3584		17.5	20.0	-12.7	50.0
n-Pentane	Ave	0.0385	0.0357		37.1	40.0	-7.4	50.0
Ethyl ether	Ave	0.2427	0.2612		21.5	20.0	7.6	50.0
Isopropene	Ave	0.3569	0.2962		16.6	20.0	-17.0	50.0
Acrolein	Ave	0.0765	0.0745		38.9	40.0	-2.7	99.0
Freon TF	Ave	0.2501	0.1964		15.7	20.0	-21.5	50.0
1,1-Dichloroethene	Ave	0.2399	0.2316		19.3	20.0	-3.5	20.0
Acetone	QuaF	0.1654	0.1924		23.8	20.0	19.2	50.0
Iodomethane	Ave	0.5238	0.4315		16.5	20.0	-17.6	50.0
Carbon disulfide	Ave	0.8634	0.7252		16.8	20.0	-16.0	50.0
Cyclopentene	Ave	0.6663	0.5652		17.0	20.0	-15.2	50.0
Methyl acetate	Ave	0.4526	0.5000		22.1	20.0	10.5	50.0
Acetonitrile	Ave	0.0550	0.0681		495	400	23.7	50.0
Methylene Chloride	Ave	0.3128	0.3139		20.1	20.0	0.4	50.0
TBA	Ave	0.0409	0.0358		350	400	-12.4	50.0
MTBE	Ave	0.8465	0.8467		20.0	20.0	0.0	50.0
trans-1,2-Dichloroethene	Ave	0.2698	0.2582		19.1	20.0	-4.3	50.0
Acrylonitrile	Ave	0.1473	0.1577		21.4	20.0	7.1	50.0
Hexane	Ave	0.2087	0.2032		19.5	20.0	-2.6	50.0
1,1-Dichloroethane	Ave	0.5450	0.5757	0.1000	21.1	20.0	5.6	50.0
DIPE	Ave	0.9543	1.061		22.2	20.0	11.2	50.0
Vinyl acetate	LinF	0.8318	0.8722		41.4	40.0	3.4	50.0
Tert-butyl ethyl ether	Ave	0.9550	0.9675	0.0100	20.3	20.0	1.3	50.0
2,2-Dichloropropane	Ave	0.3805	0.3646		19.2	20.0	-4.2	50.0
cis-1,2-Dichloroethene	Ave	0.2998	0.2942		19.6	20.0	-1.8	50.0
2-Butanone	Ave	0.0469	0.0464		19.8	20.0	-1.2	50.0
Ethyl acetate	Ave	0.0377	0.0371		39.4	40.0	-1.6	50.0
Bromochloromethane	Ave	0.1675	0.1535		18.3	20.0	-8.3	50.0
Tetrahydrofuran	Ave	0.1450	0.1398		19.3	20.0	-3.6	50.0
Chloroform	Ave	0.5520	0.5664		20.5	20.0	2.6	20.0
Cyclohexane	Ave	0.3944	0.3457		17.5	20.0	-12.3	50.0
1,1,1-Trichloroethane	Ave	0.4136	0.3682		17.8	20.0	-11.0	50.0
Carbon tetrachloride	Ave	0.4056	0.3552		17.5	20.0	-12.4	50.0
1,1-Dichloropropene	Ave	0.3987	0.3854		19.3	20.0	-3.3	50.0
Benzene	Ave	1.373	1.613		23.5	20.0	17.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131290/2 Calibration Date: 10/09/2012 19:42

Instrument ID: VOAMS2 Calib Start Date: 10/04/2012 21:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2012 23:55

Lab File ID: b47439.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	0.5243	0.5653		21.6	20.0	7.8	50.0
Tert-amyl methyl ether	Ave	0.8260	0.7934		19.2	20.0	-3.9	50.0
Isopropyl acetate	Ave	1.051	1.111		42.3	40.0	5.7	50.0
n-Heptane	Ave	0.1425	0.1523		21.4	20.0	6.8	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.5302	0.4894		30.2	40.0	-24.5	50.0
Trichloroethene	Ave	0.2936	0.2775		18.9	20.0	-5.5	50.0
n-Butanol	Ave	0.0110	0.0106		1450	1500	-3.5	50.0
Methylcyclohexane	Ave	0.3577	0.2994		16.7	20.0	-16.3	50.0
Ethyl acrylate	Ave	0.4988	0.4982		20.0	20.0	-0.1	50.0
1,2-Dichloropropane	Ave	0.3070	0.3306		21.5	20.0	7.7	20.0
Dibromomethane	Ave	0.2270	0.2270		20.0	20.0	0.0	50.0
1,4-Dioxane	QuaF	0.0051	0.0047		148	150	-1.4	50.0
Methyl methacrylate	QuaF	0.0805	0.0684		14.3	20.0	-28.7	50.0
Propyl acetate	Ave	0.5818	0.6060		20.8	20.0	4.2	50.0
Bromodichloromethane	Ave	0.4161	0.3960		19.0	20.0	-4.8	50.0
2-Chloroethyl vinyl ether	LinF	0.2025	0.1875		14.7	20.0	-26.7	50.0
Epichlorohydrin	Ave	0.0540	0.0602		447	400	11.6	50.0
cis-1,3-Dichloropropene	Ave	0.5928	0.6883		23.2	20.0	16.1	50.0
4-Methyl-2-pentanone	Ave	0.5395	0.6306		23.4	20.0	16.9	50.0
Toluene	Ave	1.456	1.561		21.4	20.0	7.2	20.0
trans-1,3-Dichloropropene	Ave	0.5597	0.5857		20.9	20.0	4.6	50.0
1,1,2-Trichloroethane	Ave	0.3301	0.3619		21.9	20.0	9.6	50.0
Tetrachloroethene	Ave	0.3958	0.3391		17.1	20.0	-14.3	50.0
1,3-Dichloropropane	Ave	0.6347	0.7144		22.5	20.0	12.6	50.0
2-Hexanone	Ave	0.3836	0.4013		20.9	20.0	4.6	50.0
Butyl acetate	LinF	0.1110	0.1174		35.0	40.0	-12.4	50.0
Dibromochloromethane	Ave	0.4150	0.3921		18.9	20.0	-5.5	50.0
1,2-Dibromoethane	Ave	0.4043	0.4060		20.1	20.0	0.4	50.0
Chlorobenzene	Ave	1.029	0.9919	0.3000	19.3	20.0	-3.6	50.0
Ethylbenzene	Ave	0.4910	0.4682		19.1	20.0	-4.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3857	0.3377		17.5	20.0	-12.4	50.0
m&p-Xylene	Ave	0.6040	0.5837		38.7	40.0	-3.4	50.0
Butyl acrylate	QuaF	0.3057	0.2781		13.8	20.0	-31.1	50.0
o-Xylene	Ave	0.6005	0.5725		19.1	20.0	-4.7	50.0
Styrene	LinF	1.025	0.9924		16.6	20.0	-16.8	50.0
Amly acetate	LinF	0.8757	1.054		18.8	20.0	-6.2	50.0
Bromoform	Ave	0.3148	0.2336	0.1000	14.8	20.0	-25.8	50.0
Isopropylbenzene	Ave	1.535	1.417		18.5	20.0	-7.7	50.0
Monobromobenzene	Ave	0.8379	0.8159		19.5	20.0	-2.6	50.0
1,1,2,2-Tetrachloroethane	Ave	1.037	1.230	0.3000	23.7	20.0	18.7	50.0
N-Propylbenzene	Ave	3.366	3.901		23.2	20.0	15.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131290/2 Calibration Date: 10/09/2012 19:42

Instrument ID: VOAMS2 Calib Start Date: 10/04/2012 21:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2012 23:55

Lab File ID: b47439.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
1,2,3-Trichloropropane	Ave	0.3156	0.3486		22.1	20.0	10.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3053	0.3296		21.6	20.0	8.0	50.0
2-Chlorotoluene	Ave	2.449	2.779		22.7	20.0	13.5	50.0
1,3,5-Trimethylbenzene	Ave	2.371	2.611		22.0	20.0	10.1	50.0
4-Chlorotoluene	Ave	2.252	2.540		22.6	20.0	12.8	50.0
Butyl Methacrylate	LinF	0.7969	0.8288		16.9	20.0	-15.5	50.0
tert-Butylbenzene	Ave	1.959	2.062		21.0	20.0	5.2	50.0
1,2,4-Trimethylbenzene	LinF	2.387	2.654		19.5	20.0	-2.4	50.0
sec-Butylbenzene	Ave	2.909	3.349		23.0	20.0	15.1	50.0
1,3-Dichlorobenzene	Ave	1.517	1.509		19.9	20.0	-0.5	50.0
p-Isopropyltoluene	LinF	2.431	2.625		18.9	20.0	-5.3	50.0
1,4-Dichlorobenzene	Ave	1.596	1.532		19.2	20.0	-4.0	50.0
Benzyl chloride	LinF	1.738	1.630		15.9	20.0	-20.3	50.0
Indan	LinF	1.129	0.8005		12.3	20.0	-38.4	50.0
n-Butylbenzene	Ave	2.837	3.283		23.1	20.0	15.7	50.0
1,2-Dichlorobenzene	Ave	1.525	1.478		19.4	20.0	-3.1	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2234	0.2028		18.2	20.0	-9.2	50.0
1,2,4-Trichlorobenzene	Ave	1.117	0.9113		16.3	20.0	-18.4	50.0
Hexachlorobutadiene	Ave	0.4423	0.3354		15.2	20.0	-24.2	50.0
Naphthalene	LinF	2.936	2.772		16.3	20.0	-18.6	50.0
1,2,3-Trichlorobenzene	Ave	1.086	0.9026		16.6	20.0	-16.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3995	0.4431		55.5	50.0	10.9	50.0
Toluene-d8 (Surr)	Ave	1.145	1.285		56.1	50.0	12.3	50.0
Bromofluorobenzene	Ave	0.7914	0.7791		49.2	50.0	-1.5	50.0

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47439.d
Report Date: 09-Oct-2012 20:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47439.d
Lab Smp Id: CCVIS
Inj Date : 09-OCT-2012 19:42
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 09-Oct-2012 20:12 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.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

						AMOUNTS	
	QUANT SIG					CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	1.148	1.148	(0.220)	48122	20.0000	13
3 Chloromethane	50	1.271	1.271	(0.243)	78606	20.0000	18
4 Vinyl Chloride	62	1.370	1.370	(0.262)	64878	20.0000	17
6 Bromomethane	94	1.625	1.625	(0.311)	38371	20.0000	19
5 Chloroethane	64	1.683	1.683	(0.322)	36951	20.0000	19
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	131471	20.0000	19
7 Trichlorofluoromethane	101	1.897	1.897	(0.363)	85489	20.0000	17
8 n-Pentane	72	1.921	1.921	(0.368)	17009	40.0000	37
11 Ethyl Ether	59	2.102	2.102	(0.403)	62300	20.0000	22
10 Isoprene	67	2.119	2.119	(0.406)	70649	20.0000	16
168 1,2-Dichlorotrifluoroethane	67	2.119	2.119	(0.406)	70649	20.0000	14
13 Acrolein	56	2.275	2.275	(0.436)	35527	40.0000	39
14 Freon TF	101	2.292	2.292	(0.439)	46847	20.0000	16
15 1,1-Dichloroethene	96	2.316	2.316	(0.444)	55239	20.0000	19
16 Acetone	43	2.407	2.407	(0.461)	45904	20.0000	24
17 Iodomethane	142	2.448	2.448	(0.469)	102935	20.0000	16

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47439.d
Report Date: 09-Oct-2012 20:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.489	2.489	(0.477)	172988	20.0000	17
	170 Cyclopentene	67	2.645	2.645	(0.507)	134835	20.0000	17
	27 Methyl Acetate	43	2.654	2.654	(0.508)	119272	20.0000	22
	21 Acetonitrile	41	2.711	2.711	(0.519)	324751	400.000	490
	22 Methylene Chloride	84	2.777	2.777	(0.532)	74880	20.0000	20
	24 TBA	59	2.876	2.876	(0.551)	170965	400.000	350
	28 MTBE	73	2.950	2.950	(0.565)	201973	20.0000	20
	25 trans-1,2-Dichloroethene	96	2.966	2.966	(0.568)	61599	20.0000	19
	26 Acrylonitrile	53	3.049	3.049	(0.584)	37625	20.0000	21
	29 Hexane	43	3.131	3.131	(0.600)	48463	20.0000	19
	32 DIPE	45	3.394	3.394	(0.650)	253075	20.0000	22
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	137327	20.0000	21
	31 Vinyl Acetate	43	3.436	3.436	(0.658)	416137	40.0000	41
	34 n-Propanol	42	3.534	3.534	(0.677)	101965	3000.00	3600
	35 t-Butyl-ethyl-ether	59	3.748	3.748	(0.718)	230799	20.0000	20
	37 2,2-Dichloropropane	77	3.954	3.954	(0.757)	86973	20.0000	19
	36 cis-1,2-Dichloroethene	96	3.979	3.979	(0.762)	70189	20.0000	20
	38 2-Butanone	72	4.020	4.020	(0.770)	11068	20.0000	20
	39 Ethyl Acetate	70	4.045	4.045	(0.775)	17693	40.0000	39
	40 Bromochloromethane	128	4.234	4.234	(0.811)	36626	20.0000	18
	41 Tetrahydrofuran	42	4.234	4.234	(0.811)	33343	20.0000	19
	42 Chloroform	83	4.316	4.316	(0.827)	135123	20.0000	20
	44 Cyclohexane	56	4.431	4.431	(0.849)	82469	20.0000	18
	43 1,1,1-Trichloroethane	97	4.456	4.456	(0.853)	87834	20.0000	18
	45 Carbon Tetrachloride	117	4.596	4.596	(0.880)	84727	20.0000	18
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	91942	20.0000	19
	48 Benzene	78	4.859	4.859	(0.554)	267394	20.0000	23
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.892	4.892	(0.937)	264298	50.0000	55
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	189279	20.0000	19
	49 1,2-Dichloroethane	62	4.983	4.983	(0.954)	134846	20.0000	22
	61 Isopropyl Acetate	43	5.007	5.007	(0.959)	530082	40.0000	42
	51 n-Heptane	57	5.090	5.090	(0.975)	36329	20.0000	21
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	596391	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.501	5.501	(1.054)	233501	40.0000	30
	54 Trichloroethene	95	5.641	5.641	(1.080)	66200	20.0000	19
	53 n-Butanol	56	5.674	5.674	(1.087)	189931	1500.00	1400
	56 Methyl cyclohexane	83	5.781	5.781	(1.107)	71426	20.0000	17
	55 Ethyl Acrylate	55	5.855	5.855	(1.121)	118848	20.0000	20
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	78874	20.0000	22
	58 Dibromomethane	93	6.143	6.143	(1.177)	54163	20.0000	20
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	16318	20.0000	14
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	8367	150.000	150
	75 Propyl Acetate	43	6.234	6.234	(1.194)	144564	20.0000	21
	68 Bromodichloromethane	83	6.357	6.357	(1.218)	94478	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	6.810	6.810	(1.304)	44739	20.0000	15
	63 Epichlorohydrin	57	6.908	6.908	(0.787)	199746	400.000	450
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	114108	20.0000	23

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47439.d
Report Date: 09-Oct-2012 20:12

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	70	4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	104541	20.0000	23
$	65	Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	532744	50.0000	56
	66	Toluene	91	7.295	7.295	(0.831)	258750	20.0000	21
	64	trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	97110	20.0000	21
	69	1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	60007	20.0000	22
	71	Tetrachloroethene	166	7.871	7.871	(0.897)	56218	20.0000	17
	72	1,3-Dichloropropane	76	8.036	8.036	(0.916)	118444	20.0000	22
	73	2-Hexanone	43	8.110	8.110	(0.924)	66527	20.0000	21
	76	Butyl Acetate	73	8.225	8.225	(0.937)	38927	40.0000	35
	74	Dibromochloromethane	129	8.225	8.225	(0.937)	65014	20.0000	19
	77	1,2-Dibromoethane	107	8.340	8.340	(0.950)	67305	20.0000	20
*	78	Chlorobenzene-d5	117	8.777	8.777	(1.000)	414486	50.0000	
	79	Chlorobenzene	112	8.801	8.801	(1.003)	164454	20.0000	19
	81	Ethylbenzene	106	8.892	8.892	(1.013)	77629	20.0000	19
	80	1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	55987	20.0000	18
	82	m+p-Xylene	106	9.007	9.007	(1.026)	193540	40.0000	39
	83	Butyl Acrylate	73	9.369	9.369	(1.067)	46099	20.0000	14
	84	o-Xylene	106	9.369	9.369	(1.067)	94919	20.0000	19
	85	Styrene	104	9.402	9.402	(1.071)	164532	20.0000	17
	87	Amyl Acetate	43	9.575	9.575	(0.884)	80810	20.0000	19
	86	Bromoform	173	9.583	9.583	(1.092)	38735	20.0000	15
	88	Isopropylbenzene	105	9.690	9.690	(1.104)	234951	20.0000	18
$	89	Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	149395	50.0000	49
	91	Bromobenzene	156	9.978	9.978	(0.922)	62570	20.0000	19
	92	1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	94336	20.0000	24
	95	n-Propylbenzene	91	10.044	10.044	(0.928)	299195	20.0000	23
	93	1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	26732	20.0000	22
	94	trans-1,4-Dichloro-2-butene	53	10.077	10.077	(0.931)	25274	20.0000	22
	96	2-Chlorotoluene	91	10.143	10.143	(0.937)	213154	20.0000	23
	97	1,3,5-Trimethylbenzene	105	10.200	10.200	(0.942)	200251	20.0000	22
	98	4-Chlorotoluene	91	10.241	10.241	(0.946)	194811	20.0000	22
	99	Butyl Methacrylate	87	10.291	10.291	(0.951)	63558	20.0000	17
	100	tert-Butylbenzene	119	10.464	10.464	(0.967)	158145	20.0000	21
	101	1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	203532	20.0000	20
	103	sec-Butylbenzene	105	10.645	10.645	(0.983)	256856	20.0000	23
	107	p-Isopropyltoluene	119	10.760	10.760	(0.994)	201298	20.0000	19
	105	1,3-Dichlorobenzene	146	10.760	10.760	(0.994)	115728	20.0000	20
*	108	1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	191729	50.0000	
	109	1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	117468	20.0000	19
	110	Benzyl Chloride	91	10.966	10.966	(1.013)	125017	20.0000	16
	171	Indan	117	11.023	11.023	(2.111)	190974	20.0000	12
	106	n-Butylbenzene	91	11.081	11.081	(1.024)	251806	20.0000	23
	111	1,2-Dichlorobenzene	146	11.139	11.139	(1.029)	113320	20.0000	19
	112	1,2-Dibromo-3-chloropropane	75	11.764	11.764	(1.087)	15555	20.0000	18
	114	1,2,4-Trichlorobenzene	180	12.373	12.373	(1.143)	69889	20.0000	16
	115	Hexachlorobutadiene	225	12.463	12.463	(1.151)	25721	20.0000	15
	116	Naphthalene	128	12.595	12.595	(1.163)	212613	20.0000	16

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47439.d
Report Date: 09-Oct-2012 20:12

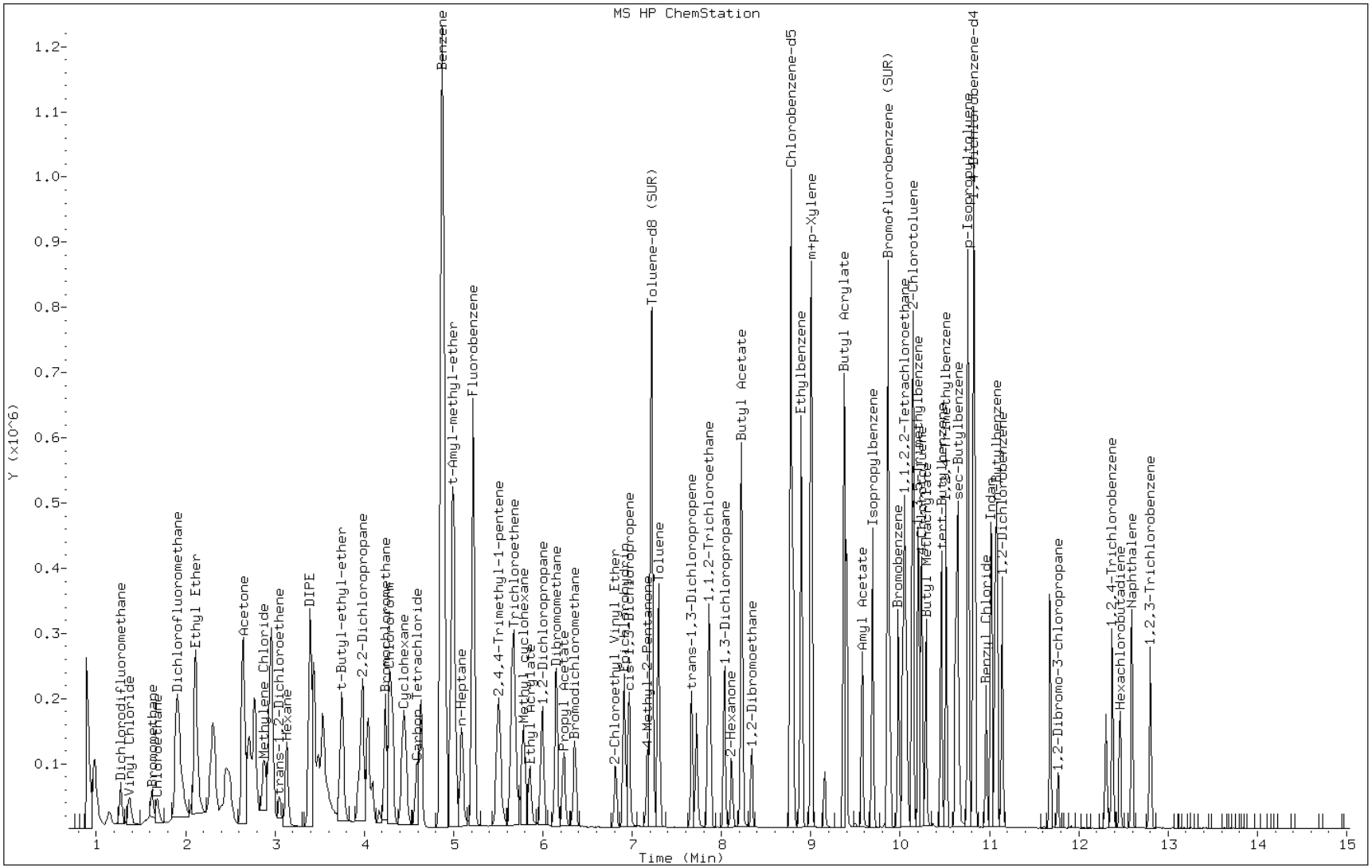
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	69218	20.0000	17
M 120 1,2-Dichloroethene (Total)	100				131788	40.0000	39
M 121 Xylene (Total)	100				288459	60.0000	58

Data File: b47439.d

Date: 09-OCT-2012 19:42

Client ID: Instrument: VOAMS2.i

Sample Info: CCVIS Operator: VOA GC/MS2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131374/2 Calibration Date: 10/10/2012 05:15

Instrument ID: VOAMS2 Calib Start Date: 10/04/2012 21:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2012 23:55

Lab File ID: b47459.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	0.3195	0.3104		19.4	20.0	-2.9	50.0
Chloromethane	Ave	0.3688	0.3656	0.1000	19.8	20.0	-0.9	50.0
Vinyl chloride	Ave	0.3173	0.3350		21.1	20.0	5.6	20.0
Bromomethane	Ave	0.1722	0.1870		21.7	20.0	8.6	50.0
Chloroethane	Ave	0.1665	0.1805		21.7	20.0	8.4	50.0
Dichlorofluoromethane	Ave	0.5696	0.6069		21.3	20.0	6.6	50.0
Trichlorofluoromethane	Ave	0.4104	0.4687		22.8	20.0	14.2	50.0
n-Pentane	Ave	0.0385	0.0443		46.1	40.0	15.1	50.0
Ethyl ether	Ave	0.2427	0.2714		22.4	20.0	11.8	50.0
Isopropene	Ave	0.3569	0.3837		21.5	20.0	7.5	50.0
Acrolein	Ave	0.0765	0.0825		43.1	40.0	7.8	99.0
Freon TF	Ave	0.2501	0.2646		21.2	20.0	5.8	50.0
1,1-Dichloroethene	Ave	0.2399	0.2469		20.6	20.0	2.9	20.0
Acetone	QuaF	0.1654	0.1937		24.0	20.0	20.0	50.0
Iodomethane	Ave	0.5238	0.4719		18.0	20.0	-9.9	50.0
Carbon disulfide	Ave	0.8634	0.7949		18.4	20.0	-7.9	50.0
Cyclopentene	Ave	0.6663	0.7092		21.3	20.0	6.4	50.0
Methyl acetate	Ave	0.4526	0.5311		23.5	20.0	17.3	50.0
Acetonitrile	Ave	0.0550	0.0654		476	400	18.9	50.0
Methylene Chloride	Ave	0.3128	0.3179		20.3	20.0	1.6	50.0
TBA	Ave	0.0409	0.0401		392	400	-2.1	50.0
MTBE	Ave	0.8465	0.8811		20.8	20.0	4.1	50.0
trans-1,2-Dichloroethene	Ave	0.2698	0.2705		20.1	20.0	0.3	50.0
Acrylonitrile	Ave	0.1473	0.1988		27.0	20.0	35.0	50.0
Hexane	Ave	0.2087	0.2696		25.8	20.0	29.2	50.0
1,1-Dichloroethane	Ave	0.5450	0.5923	0.1000	21.7	20.0	8.7	50.0
DIPE	Ave	0.9543	1.104		23.1	20.0	15.7	50.0
Vinyl acetate	LinF	0.8318	0.8977		35.9	40.0	-10.2	50.0
Tert-butyl ethyl ether	Ave	0.9550	0.9908	0.0100	20.7	20.0	3.7	50.0
2,2-Dichloropropane	Ave	0.3805	0.3883		20.4	20.0	2.1	50.0
cis-1,2-Dichloroethene	Ave	0.2998	0.2995		20.0	20.0	-0.0	50.0
2-Butanone	Ave	0.0469	0.0518		22.1	20.0	10.3	50.0
Ethyl acetate	Ave	0.0377	0.0389		41.3	40.0	3.3	50.0
Bromochloromethane	Ave	0.1675	0.1566		18.7	20.0	-6.5	50.0
Tetrahydrofuran	Ave	0.1450	0.1579		21.8	20.0	8.9	50.0
Chloroform	Ave	0.5520	0.5826		21.1	20.0	5.5	20.0
Cyclohexane	Ave	0.3944	0.4490		22.8	20.0	13.8	50.0
1,1,1-Trichloroethane	Ave	0.4136	0.3979		19.2	20.0	-3.8	50.0
Carbon tetrachloride	Ave	0.4056	0.3807		18.8	20.0	-6.1	50.0
1,1-Dichloropropene	Ave	0.3987	0.4268		21.4	20.0	7.1	50.0
Benzene	Ave	1.373	1.639		23.9	20.0	19.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131374/2 Calibration Date: 10/10/2012 05:15

Instrument ID: VOAMS2 Calib Start Date: 10/04/2012 21:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2012 23:55

Lab File ID: b47459.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
Tert-amyl methyl ether	Ave	0.8260	0.8281		20.1	20.0	0.3	50.0
1,2-Dichloroethane	Ave	0.5243	0.5740		21.9	20.0	9.5	50.0
Isopropyl acetate	Ave	1.051	1.182		45.0	40.0	12.5	50.0
n-Heptane	Ave	0.1425	0.1736		24.4	20.0	21.8	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.5302	0.6266		38.7	40.0	-3.3	50.0
Trichloroethene	Ave	0.2936	0.2933		20.0	20.0	-0.1	50.0
n-Butanol	Ave	0.0110	0.0103		1400	1500	-6.6	50.0
Methylcyclohexane	Ave	0.3577	0.3862		21.6	20.0	8.0	50.0
Ethyl acrylate	Ave	0.4988	0.5430		21.8	20.0	8.9	50.0
1,2-Dichloropropane	Ave	0.3070	0.3344		21.8	20.0	8.9	20.0
Dibromomethane	Ave	0.2270	0.2370		20.9	20.0	4.4	50.0
1,4-Dioxane	QuaF	0.0051	0.0047		148	150	-1.1	50.0
Methyl methacrylate	QuaF	0.0805	0.0726		15.1	20.0	-24.4	50.0
Propyl acetate	Ave	0.5818	0.6495		22.3	20.0	11.6	50.0
Bromodichloromethane	Ave	0.4161	0.4076		19.6	20.0	-2.1	50.0
2-Chloroethyl vinyl ether	LinF	0.2025	0.2077		16.2	20.0	-18.8	50.0
Epichlorohydrin	Ave	0.0540	0.0657		487	400	21.7	50.0
cis-1,3-Dichloropropene	Ave	0.5928	0.6852		23.1	20.0	15.6	50.0
4-Methyl-2-pentanone	Ave	0.5395	0.6831		25.3	20.0	26.6	50.0
Toluene	Ave	1.456	1.613		22.2	20.0	10.8	20.0
trans-1,3-Dichloropropene	Ave	0.5597	0.5767		20.6	20.0	3.0	50.0
1,1,2-Trichloroethane	Ave	0.3301	0.3742		22.7	20.0	13.4	50.0
Tetrachloroethene	Ave	0.3958	0.3647		18.4	20.0	-7.8	50.0
1,3-Dichloropropane	Ave	0.6347	0.7318		23.1	20.0	15.3	50.0
2-Hexanone	Ave	0.3836	0.4469		23.3	20.0	16.5	50.0
Butyl acetate	LinF	0.1110	0.1286		38.4	40.0	-4.0	50.0
Dibromochloromethane	Ave	0.4150	0.3783		18.2	20.0	-8.8	50.0
1,2-Dibromoethane	Ave	0.4043	0.4250		21.0	20.0	5.1	50.0
Chlorobenzene	Ave	1.029	1.021	0.3000	19.8	20.0	-0.8	50.0
Ethylbenzene	Ave	0.4910	0.4996		20.4	20.0	1.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3857	0.3501		18.2	20.0	-9.2	50.0
m&p-Xylene	Ave	0.6040	0.6150		40.7	40.0	1.8	50.0
Butyl acrylate	QuaF	0.3057	0.3070		15.2	20.0	-23.9	50.0
o-Xylene	Ave	0.6005	0.6021		20.1	20.0	0.3	50.0
Styrene	LinF	1.025	1.039		17.4	20.0	-12.9	50.0
Amly acetate	LinF	0.8757	1.141		20.3	20.0	1.6	50.0
Bromoform	Ave	0.3148	0.2298	0.1000	14.6	20.0	-27.0	50.0
Isopropylbenzene	Ave	1.535	1.534		20.0	20.0	-0.0	50.0
Monobromobenzene	Ave	0.8379	0.8501		20.3	20.0	1.5	50.0
1,1,2,2-Tetrachloroethane	Ave	1.037	1.270	0.3000	24.5	20.0	22.5	50.0
N-Propylbenzene	Ave	3.366	4.222		25.1	20.0	25.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131374/2 Calibration Date: 10/10/2012 05:15

Instrument ID: VOAMS2 Calib Start Date: 10/04/2012 21:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/04/2012 23:55

Lab File ID: b47459.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
1,2,3-Trichloropropane	Ave	0.3156	0.3681		23.3	20.0	16.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3053	0.3070		20.1	20.0	0.6	50.0
2-Chlorotoluene	Ave	2.449	2.930		23.9	20.0	19.6	50.0
1,3,5-Trimethylbenzene	Ave	2.371	2.780		23.5	20.0	17.3	50.0
4-Chlorotoluene	Ave	2.252	2.698		24.0	20.0	19.8	50.0
Butyl Methacrylate	LinF	0.7969	0.8976		18.3	20.0	-8.5	50.0
tert-Butylbenzene	Ave	1.959	2.214		22.6	20.0	13.0	50.0
1,2,4-Trimethylbenzene	LinF	2.387	2.786		20.5	20.0	2.5	50.0
sec-Butylbenzene	Ave	2.909	3.609		24.8	20.0	24.0	50.0
p-Isopropyltoluene	LinF	2.431	2.808		20.3	20.0	1.3	50.0
1,3-Dichlorobenzene	Ave	1.517	1.554		20.5	20.0	2.5	50.0
1,4-Dichlorobenzene	Ave	1.596	1.589		19.9	20.0	-0.4	50.0
Benzyl chloride	LinF	1.738	1.787		17.5	20.0	-12.6	50.0
Indan	LinF	1.129	0.8634		13.3	20.0	-33.6	50.0
n-Butylbenzene	Ave	2.837	3.504		24.7	20.0	23.5	50.0
1,2-Dichlorobenzene	Ave	1.525	1.510		19.8	20.0	-1.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2234	0.2186		19.6	20.0	-2.1	50.0
1,2,4-Trichlorobenzene	Ave	1.117	0.9487		17.0	20.0	-15.1	50.0
Hexachlorobutadiene	Ave	0.4423	0.3263		14.8	20.0	-26.2	50.0
Naphthalene	LinF	2.936	2.872		16.9	20.0	-15.6	50.0
1,2,3-Trichlorobenzene	Ave	1.086	0.9096		16.7	20.0	-16.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3995	0.4378		54.8	50.0	9.6	50.0
Toluene-d8 (Surr)	Ave	1.145	1.268		55.4	50.0	10.8	50.0
Bromofluorobenzene	Ave	0.7914	0.7861		49.7	50.0	-0.7	50.0

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47459.d
Report Date: 10-Oct-2012 08:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47459.d
Lab Smp Id: CCVIS
Inj Date : 10-OCT-2012 05:15
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 08:39 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.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 MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
179 Freon 152a	51	1.082	1.082	(0.207)	65445	20.0000	20
167 Chlorotrifluoroethene	66	1.123	1.123	(0.215)	14336	20.0000	19
2 Dichlorodifluoromethane	85	1.139	1.139	(0.218)	72932	20.0000	19
176 Chlorodifluoromethane	51	1.164	1.164	(0.223)	92584	20.0000	21
3 Chloromethane	50	1.279	1.279	(0.245)	85912	20.0000	20
4 Vinyl Chloride	62	1.378	1.378	(0.264)	78725	20.0000	21
6 Bromomethane	94	1.625	1.625	(0.311)	43947	20.0000	22
5 Chloroethane	64	1.691	1.691	(0.323)	42406	20.0000	22
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	142612	20.0000	21
7 Trichlorofluoromethane	101	1.897	1.897	(0.363)	110126	20.0000	23
8 n-Pentane	72	1.921	1.921	(0.367)	20820	40.0000	46
11 Ethyl Ether	59	2.111	2.111	(0.404)	63777	20.0000	22
10 Isoprene	67	2.119	2.119	(0.405)	90146	20.0000	21
168 1,2-Dichlorotrifluoroethane	67	2.185	2.185	(0.418)	104169	20.0000	21
178 Freon 123	83	2.250	2.250	(0.430)	91574	20.0000	20
13 Acrolein	56	2.275	2.275	(0.435)	38771	40.0000	43

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47459.d
Report Date: 10-Oct-2012 08:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	14 Freon TF	101	2.300	2.300	(0.440)	62181	20.0000	21
	15 1,1-Dichloroethene	96	2.316	2.316	(0.443)	58012	20.0000	20
	16 Acetone	43	2.407	2.407	(0.460)	45511	20.0000	24
	17 Iodomethane	142	2.456	2.456	(0.470)	110880	20.0000	18
	18 Carbon Disulfide	76	2.489	2.489	(0.476)	186772	20.0000	18
	170 Cyclopentene	67	2.645	2.645	(0.506)	166644	20.0000	21
	27 Methyl Acetate	43	2.662	2.662	(0.509)	124782	20.0000	23
	21 Acetonitrile	41	2.711	2.711	(0.518)	307531	400.000	480
	22 Methylene Chloride	84	2.777	2.777	(0.531)	74687	20.0000	20
	24 TBA	59	2.884	2.884	(0.552)	188276	400.000	390
	28 MTBE	73	2.950	2.950	(0.564)	207030	20.0000	21
	25 trans-1,2-Dichloroethene	96	2.966	2.966	(0.567)	63567	20.0000	20
	26 Acrylonitrile	53	3.057	3.057	(0.585)	46704	20.0000	27
	29 Hexane	43	3.139	3.139	(0.600)	63336	20.0000	26
	32 DIPE	45	3.394	3.394	(0.649)	259369	20.0000	23
	30 1,1-Dichloroethane	63	3.394	3.394	(0.649)	139167	20.0000	22
	31 Vinyl Acetate	43	3.444	3.444	(0.658)	421885	40.0000	36
	34 n-Propanol	42	3.542	3.542	(0.677)	91963	3000.00	3300
	35 t-Butyl-ethyl-ether	59	3.756	3.756	(0.718)	232797	20.0000	21
	37 2,2-Dichloropropane	77	3.962	3.962	(0.758)	91248	20.0000	20
	36 cis-1,2-Dichloroethene	96	3.987	3.987	(0.762)	70373	20.0000	20
	38 2-Butanone	72	4.028	4.028	(0.770)	12163	20.0000	22
	39 Ethyl Acetate	70	4.053	4.053	(0.775)	18292	40.0000	41
	40 Bromochloromethane	128	4.242	4.242	(0.811)	36792	20.0000	19
	41 Tetrahydrofuran	42	4.242	4.242	(0.811)	37092	20.0000	22
	42 Chloroform	83	4.324	4.324	(0.827)	136885	20.0000	21
	44 Cyclohexane	56	4.440	4.440	(0.849)	105505	20.0000	23
	43 1,1,1-Trichloroethane	97	4.464	4.464	(0.854)	93489	20.0000	19
	45 Carbon Tetrachloride	117	4.596	4.596	(0.879)	89461	20.0000	19
	46 1,1-Dichloropropene	75	4.645	4.645	(0.888)	100292	20.0000	21
	48 Benzene	78	4.867	4.867	(0.555)	267088	20.0000	24
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.900	(0.937)	257174	50.0000	55
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.953)	194588	20.0000	20
	49 1,2-Dichloroethane	62	4.991	4.991	(0.954)	134876	20.0000	22
	61 Isopropyl Acetate	43	5.007	5.007	(0.958)	555360	40.0000	45
	51 n-Heptane	57	5.098	5.098	(0.975)	40782	20.0000	24
*	52 Fluorobenzene	96	5.230	5.230	(1.000)	587427	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.509	5.509	(1.054)	294454	40.0000	39
	169 1,2-Difluorotetrachloroethane	101	5.509	5.509	(1.054)	64404	20.0000	19
	54 Trichloroethene	95	5.649	5.649	(1.080)	68909	20.0000	20
	53 n-Butanol	56	5.682	5.682	(1.087)	181061	1500.00	1400
	56 Methyl cyclohexane	83	5.789	5.789	(1.107)	90746	20.0000	22
	55 Ethyl Acrylate	55	5.863	5.863	(1.121)	127582	20.0000	22
	57 1,2-Dichloropropane	63	5.995	5.995	(1.146)	78584	20.0000	22
	58 Dibromomethane	93	6.151	6.151	(1.176)	55692	20.0000	21
	59 Methyl Methacrylate	100	6.160	6.160	(1.178)	17049	20.0000	15
	60 1,4-Dioxane	88	6.160	6.160	(1.178)	8265	150.000	150

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47459.d
Report Date: 10-Oct-2012 08:39

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	75 Propyl Acetate	43	6.242	6.242	(1.194)	152603	20.0000	22
	68 Bromodichloromethane	83	6.365	6.365	(1.217)	95769	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.304)	48801	20.0000	16
	63 Epichlorohydrin	57	6.917	6.917	(0.788)	214110	400.000	490
	67 cis-1,3-Dichloropropene	75	6.974	6.974	(0.795)	111674	20.0000	23
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	111339	20.0000	25
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	516876	50.0000	55
	66 Toluene	91	7.303	7.303	(0.832)	262886	20.0000	22
	64 trans-1,3-Dichloropropene	75	7.674	7.674	(0.874)	93990	20.0000	21
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	60985	20.0000	23
	71 Tetrachloroethene	166	7.880	7.880	(0.898)	59444	20.0000	18
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	119266	20.0000	23
	73 2-Hexanone	43	8.118	8.118	(0.925)	72833	20.0000	23
	76 Butyl Acetate	73	8.225	8.225	(0.937)	41913	40.0000	38
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	61658	20.0000	18
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	69266	20.0000	21
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	407465	50.0000	
	79 Chlorobenzene	112	8.810	8.810	(1.004)	166345	20.0000	20
	81 Ethylbenzene	106	8.892	8.892	(1.013)	81434	20.0000	20
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	57061	20.0000	18
	82 m+p-Xylene	106	9.007	9.007	(1.026)	200456	40.0000	41
	83 Butyl Acrylate	73	9.377	9.377	(1.068)	50039	20.0000	15
	84 o-Xylene	106	9.377	9.377	(1.068)	98126	20.0000	20
	85 Styrene	104	9.402	9.402	(1.071)	169331	20.0000	17
	87 Amyl Acetate	43	9.575	9.575	(0.884)	86390	20.0000	20
	86 Bromoform	173	9.583	9.583	(1.092)	37461	20.0000	15
	88 Isopropylbenzene	105	9.698	9.698	(1.105)	249994	20.0000	20
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	148776	50.0000	50
	91 Bromobenzene	156	9.986	9.986	(0.922)	64350	20.0000	20
	92 1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	96136	20.0000	24
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	319613	20.0000	25
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	27863	20.0000	23
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	23236	20.0000	20
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	221774	20.0000	24
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	210474	20.0000	23
	98 4-Chlorotoluene	91	10.241	10.241	(0.946)	204200	20.0000	24
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	67943	20.0000	18
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	167602	20.0000	23
	101 1,2,4-Trimethylbenzene	105	10.521	10.521	(0.972)	210859	20.0000	20
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	273153	20.0000	25
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	212561	20.0000	20
	105 1,3-Dichlorobenzene	146	10.768	10.768	(0.995)	117663	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	189243	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	120320	20.0000	20
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	135259	20.0000	17
	171 Indan	117	11.023	11.023	(2.108)	202866	20.0000	13
	106 n-Butylbenzene	91	11.089	11.089	(1.024)	265207	20.0000	25

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47459.d
Report Date: 10-Oct-2012 08:39

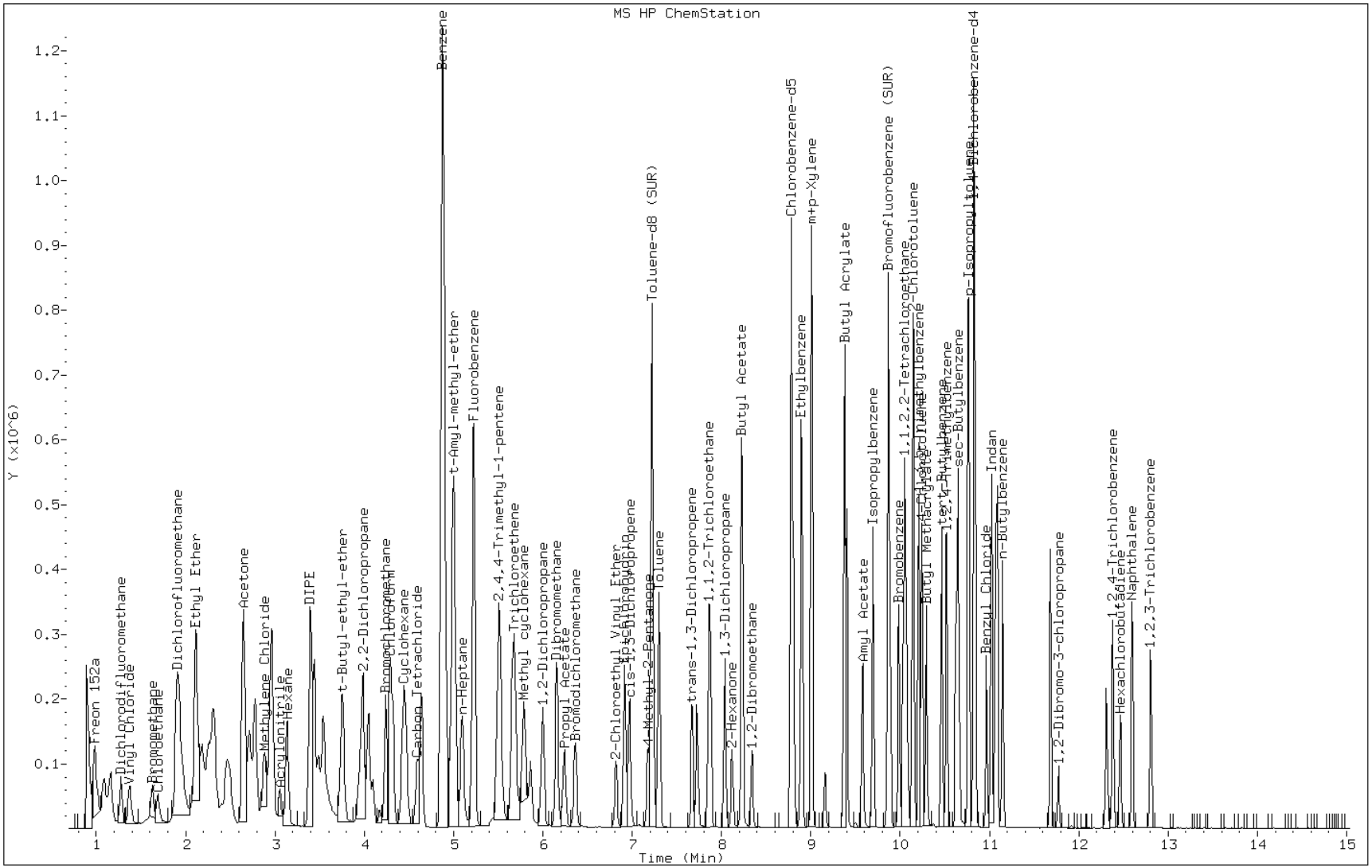
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	114303	20.0000	20
	112 1,2-Dibromo-3-chloropropane	75	11.772	11.772	(1.087)	16550	20.0000	20
	114 1,2,4-Trichlorobenzene	180	12.381	12.381	(1.144)	71812	20.0000	17
	115 Hexachlorobutadiene	225	12.472	12.472	(1.152)	24698	20.0000	15
	116 Naphthalene	128	12.595	12.595	(1.163)	217411	20.0000	17
	117 1,2,3-Trichlorobenzene	180	12.809	12.809	(1.183)	68853	20.0000	17
M	120 1,2-Dichloroethene (Total)	100				133940	40.0000	40
M	121 Xylene (Total)	100				298582	60.0000	61

Data File: b47459.d

Date: 10-OCT-2012 05:15

Client ID: Instrument: VOAMS2.i

Sample Info: CCVIS Operator: VOA GC/MS2



Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47229.d
Report Date: 04-Oct-2012 20:48

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47229.d
Lab Smp Id: BFB
Inj Date : 04-OCT-2012 20:29
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

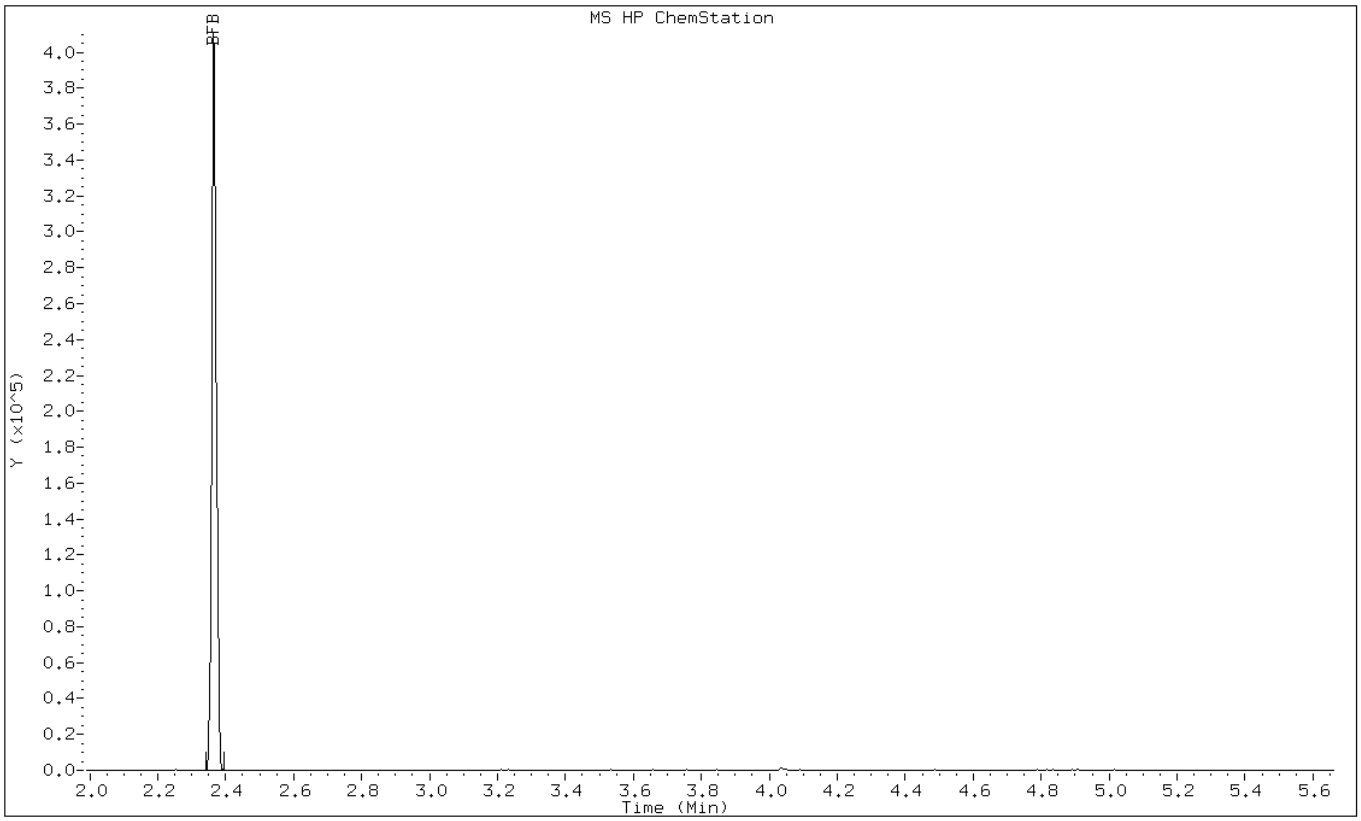
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.364	2.200 (0.000)	95	68176			0.00- 100.00	100.00
2.364	2.200 (0.000)	50	16494			15.00- 40.00	24.19
2.364	2.200 (0.000)	75	37653			30.00- 60.00	55.23
2.364	2.200 (0.000)	96	4775			5.00- 9.00	7.00
2.364	2.200 (0.000)	173	468			0.00- 2.00	0.85
2.364	2.200 (0.000)	174	55058			50.00- 100.00	80.76
2.364	2.200 (0.000)	175	4277			5.00- 9.00	7.77
2.364	2.200 (0.000)	176	52981			95.00- 101.00	96.23
2.364	2.200 (0.000)	177	3528			5.00- 9.00	6.66

Data File: b47229.d

Date: 04-OCT-2012 20:29

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1



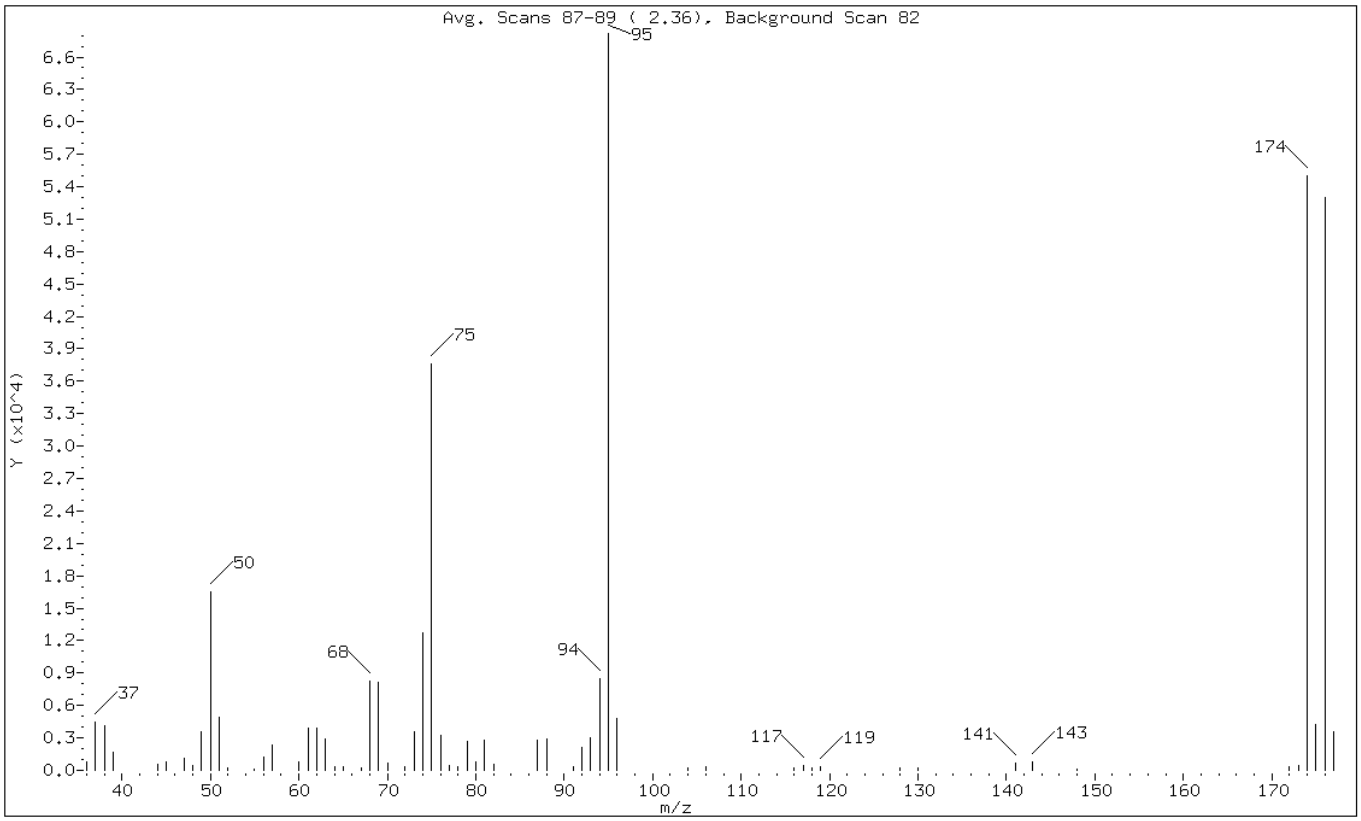
Data File: b47229.d

Date: 04-OCT-2012 20:29

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.19
75	30.00 - 60.00% of mass 95	55.23
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.69 (0.85)
174	50.00 - 100.00% of mass 95	80.76
175	5.00 - 9.00% of mass 174	6.27 (7.77)
176	95.00 - 101.00% of mass 174	77.71 (96.23)
177	5.00 - 9.00% of mass 176	5.17 (6.66)

Data File: b47229.d

Date: 04-OCT-2012 20:29

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b/b47229.d
Spectrum: Avg. Scans 87-89 (2.36), Background Scan 82
Location of Maximum: 95.00
Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	820	61.00	3864	79.00	2690	118.00	249
37.00	4416	62.00	3885	80.00	738	119.00	355
38.00	4168	63.00	2931	81.00	2787	128.00	234
39.00	1684	64.00	304	82.00	581	130.00	259
44.00	609	65.00	290	87.00	2828	141.00	703
45.00	781	67.00	177	88.00	2874	143.00	821
47.00	1074	68.00	8226	91.00	350	148.00	68
48.00	476	69.00	8109	92.00	2148	172.00	305
49.00	3582	70.00	614	93.00	2986	173.00	468
50.00	16488	72.00	364	94.00	8496	174.00	55056
51.00	4934	73.00	3532	95.00	68176	175.00	4277
52.00	238	74.00	12749	96.00	4775	176.00	52976
55.00	165	75.00	37648	104.00	265	177.00	3528
56.00	1251	76.00	3243	106.00	315		
57.00	2331	77.00	420	116.00	188		
60.00	781	78.00	365	117.00	440		

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47438.d
Report Date: 09-Oct-2012 19:36

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47438.d
Lab Smp Id: BFB
Inj Date : 09-OCT-2012 19:18
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.364	2.200 (0.000)	95	43160			0.00- 100.00	100.00
2.364	2.200 (0.000)	50	11040			15.00- 40.00	25.58
2.364	2.200 (0.000)	75	23832			30.00- 60.00	55.22
2.364	2.200 (0.000)	96	2882			5.00- 9.00	6.68
2.364	2.200 (0.000)	173	0			0.00- 2.00	0.00
2.364	2.200 (0.000)	174	30232			50.00- 100.00	70.05
2.364	2.200 (0.000)	175	2417			5.00- 9.00	7.99
2.364	2.200 (0.000)	176	29424			95.00- 101.00	97.33
2.364	2.200 (0.000)	177	1877			5.00- 9.00	6.38

Data File: b47438.d

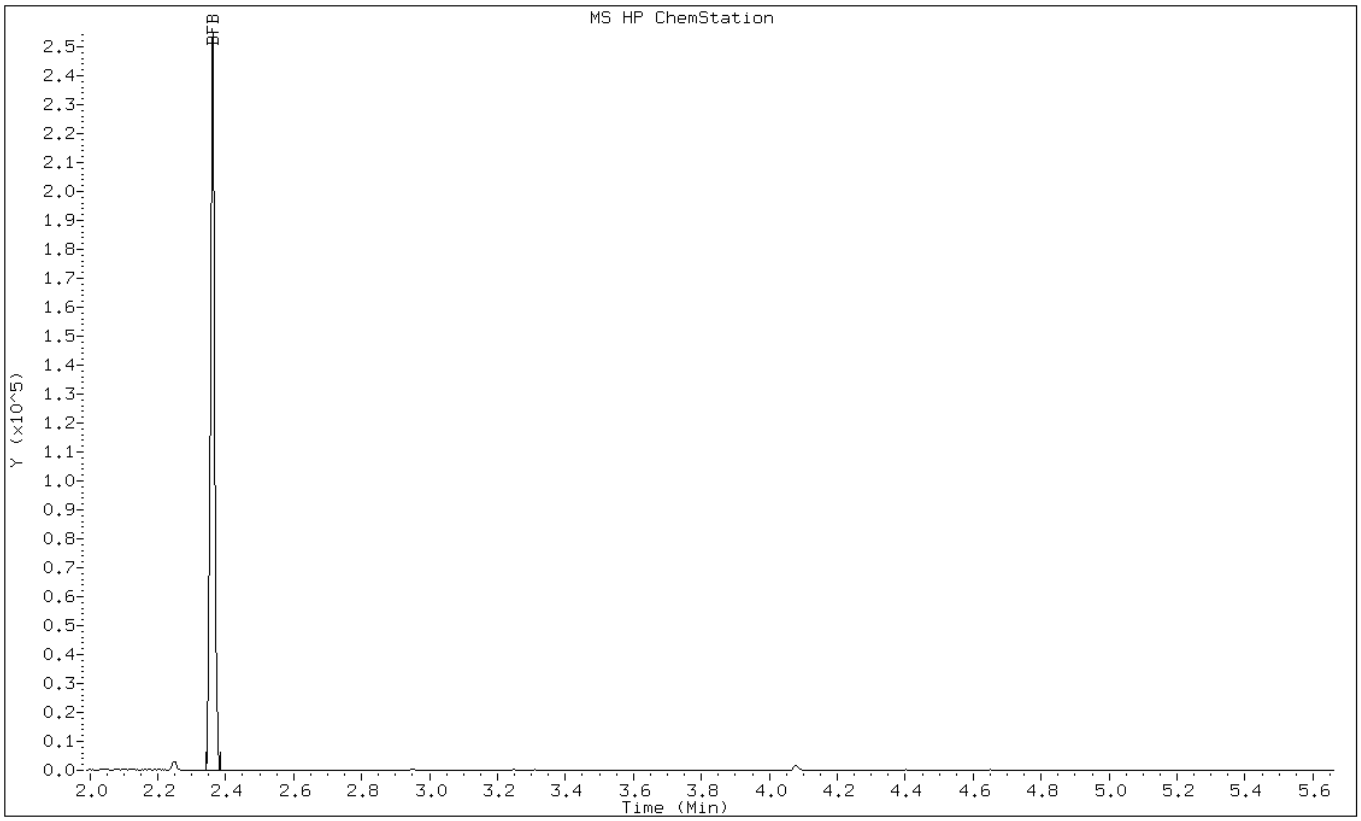
Date: 09-OCT-2012 19:18

Client ID:

Instrument: VOAMS2.i

Sample Info: BFB

Operator: VOAMS 1



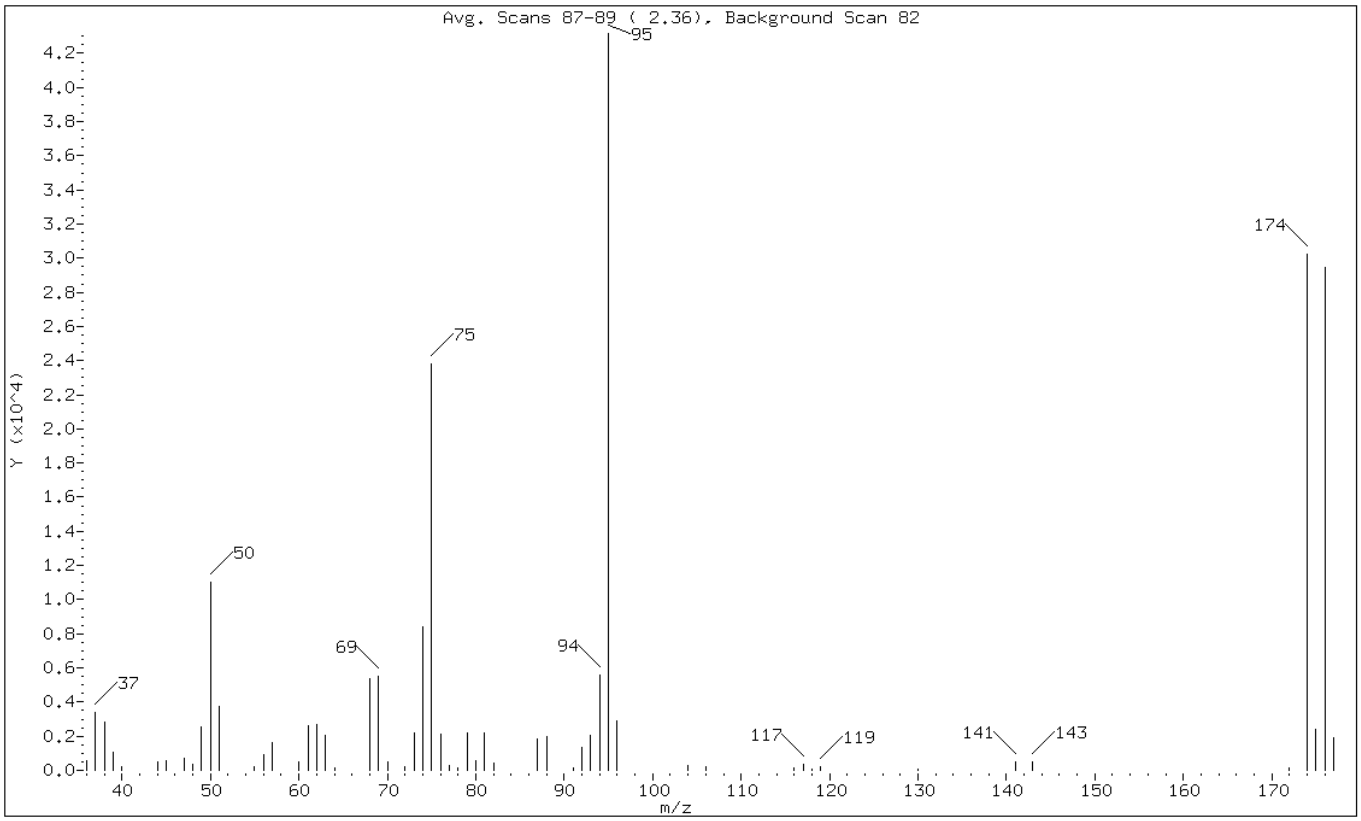
Data File: b47438.d

Date: 09-OCT-2012 19:18

Client ID: Instrument: VOAMS2.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	25.58
75	30.00 - 60.00% of mass 95	55.22
96	5.00 - 9.00% of mass 95	6.68
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	70.05
175	5.00 - 9.00% of mass 174	5.60 (7.99)
176	95.00 - 101.00% of mass 174	68.17 (97.33)
177	5.00 - 9.00% of mass 176	4.35 (6.38)

Data File: b47438.d

Date: 09-OCT-2012 19:18

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47438.d
Spectrum: Avg. Scans 87-89 (2.36), Background Scan 82
Location of Maximum: 95.00
Number of points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	597	60.00	511	79.00	2160	117.00	340
37.00	3361	61.00	2618	80.00	564	118.00	77
38.00	2833	62.00	2681	81.00	2218	119.00	215
39.00	1077	63.00	2055	82.00	436	130.00	77
40.00	206	64.00	150	87.00	1830	141.00	487
44.00	527	68.00	5387	88.00	2003	143.00	493
45.00	563	69.00	5476	91.00	162	172.00	138
47.00	712	70.00	478	92.00	1346	174.00	30232
48.00	322	72.00	221	93.00	2034	175.00	2417
49.00	2565	73.00	2220	94.00	5572	176.00	29424
50.00	11040	74.00	8373	95.00	43160	177.00	1877
51.00	3743	75.00	23832	96.00	2882		
55.00	180	76.00	2095	104.00	281		
56.00	904	77.00	300	106.00	209		
57.00	1619	78.00	162	116.00	153		

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47458.d
Report Date: 10-Oct-2012 05:08

TestAmerica

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47458.d
Lab Smp Id: BFB
Inj Date : 10-OCT-2012 04:53
Operator : VOAMS 1 Inst ID: VOAMS2.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/VOABFB.m
Meth Date : 29-May-2012 10:07 audberto Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

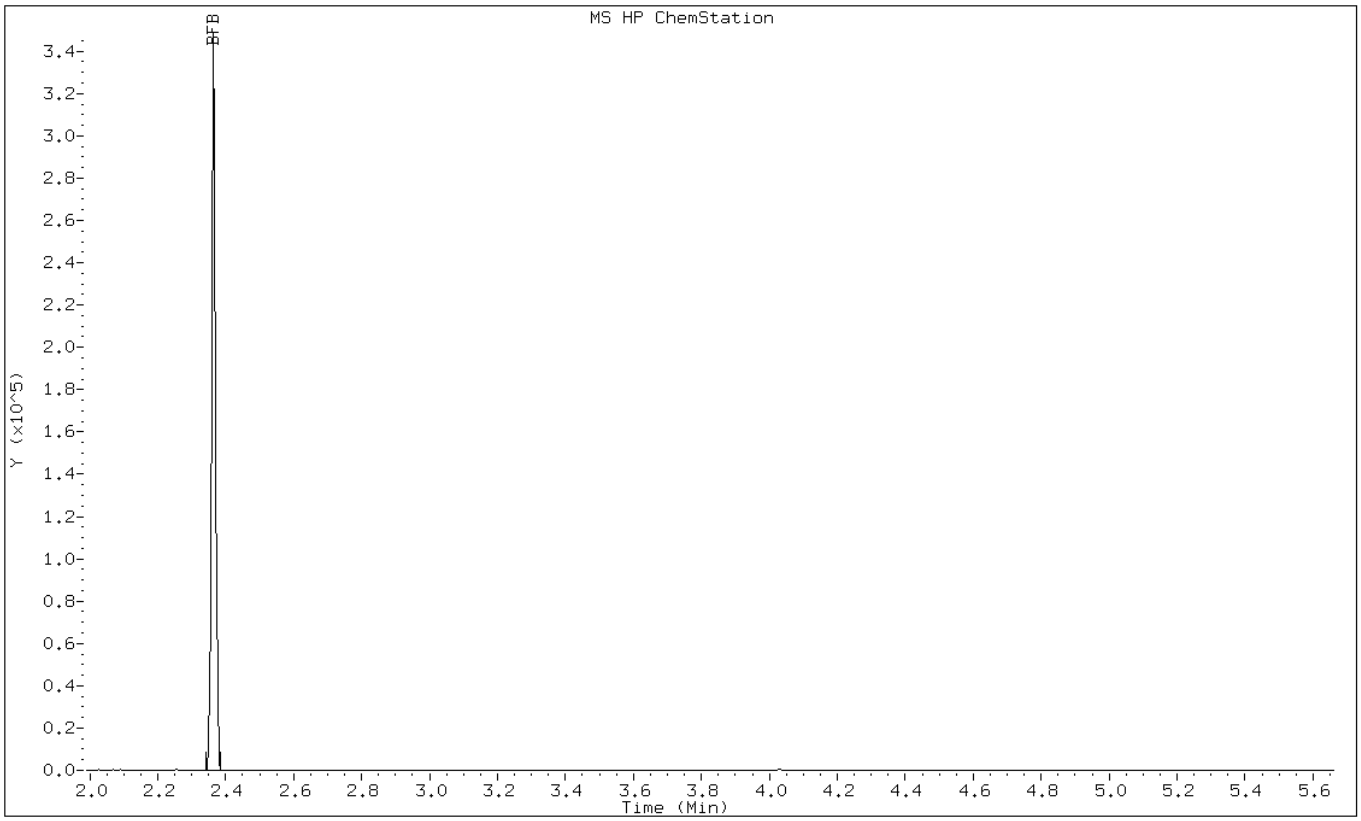
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.364	2.200 (0.000)	95	56232			0.00- 100.00	100.00
2.364	2.200 (0.000)	50	15496			15.00- 40.00	27.56
2.364	2.200 (0.000)	75	32344			30.00- 60.00	57.52
2.364	2.200 (0.000)	96	3973			5.00- 9.00	7.07
2.364	2.200 (0.000)	173	181			0.00- 2.00	0.47
2.364	2.200 (0.000)	174	38312			50.00- 100.00	68.13
2.364	2.200 (0.000)	175	3209			5.00- 9.00	8.38
2.364	2.200 (0.000)	176	37064			95.00- 101.00	96.74
2.364	2.200 (0.000)	177	2523			5.00- 9.00	6.81

Data File: b47458.d

Date: 10-OCT-2012 04:53

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1



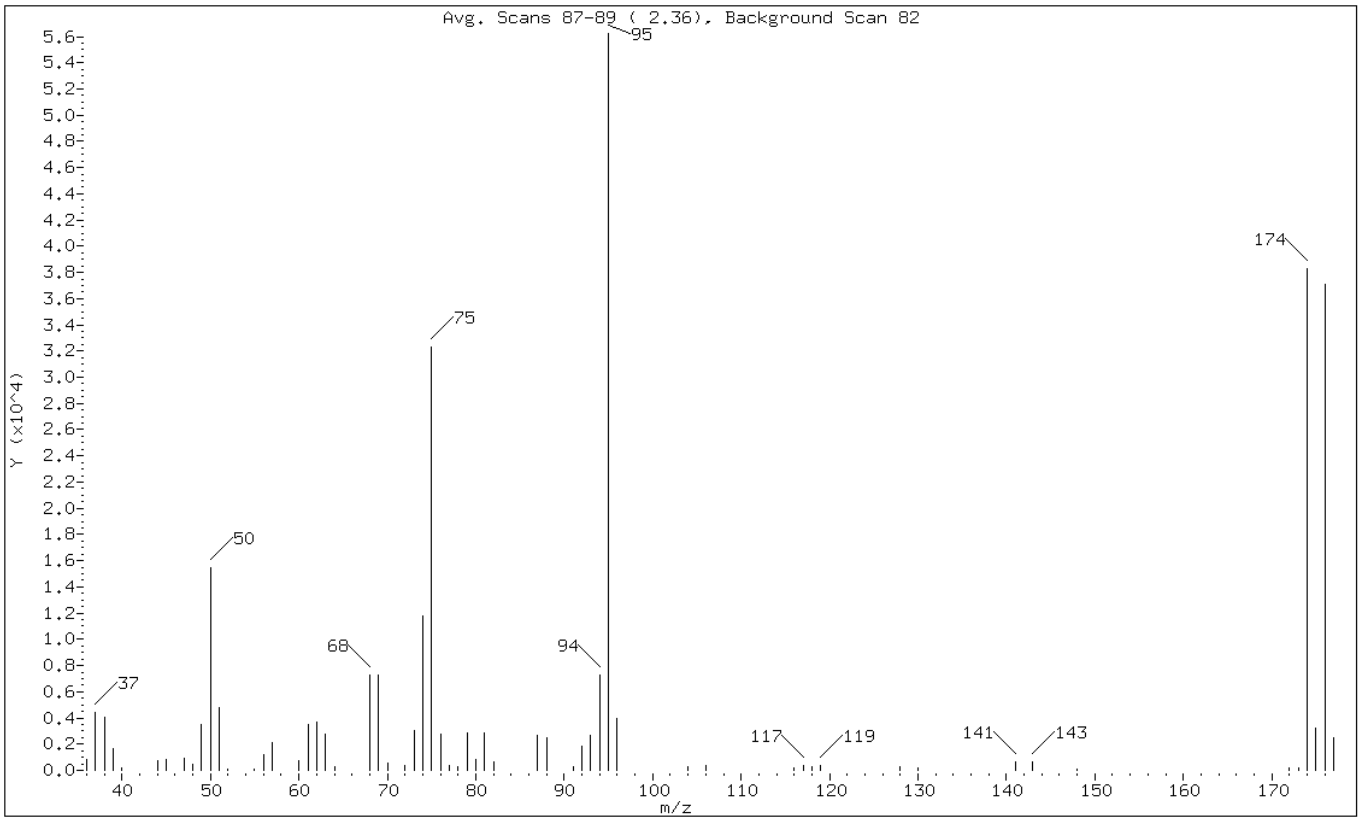
Data File: b47458.d

Date: 10-OCT-2012 04:53

Client ID: Instrument: VOAMS2.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	27.56
75	30.00 - 60.00% of mass 95	57.52
96	5.00 - 9.00% of mass 95	7.07
173	Less than 2.00% of mass 174	0.32 (0.47)
174	50.00 - 100.00% of mass 95	68.13
175	5.00 - 9.00% of mass 174	5.71 (8.38)
176	95.00 - 101.00% of mass 174	65.91 (96.74)
177	5.00 - 9.00% of mass 176	4.49 (6.81)

Data File: b47458.d

Date: 10-OCT-2012 04:53

Client ID: Instrument: VOAMS2.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47458.d
Spectrum: Avg. Scans 87-89 (2.36), Background Scan 82
Location of Maximum: 95.00
Number of points: 60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	824	60.00	721	80.00	822	119.00	330
37.00	4442	61.00	3486	81.00	2853	128.00	244
38.00	4029	62.00	3645	82.00	633	130.00	141
39.00	1644	63.00	2744	87.00	2685	141.00	641
40.00	152	64.00	296	88.00	2458	143.00	628
44.00	707	68.00	7303	91.00	253	148.00	67
45.00	827	69.00	7235	92.00	1854	172.00	157
47.00	911	70.00	582	93.00	2704	173.00	181
48.00	501	72.00	355	94.00	7303	174.00	38312
49.00	3480	73.00	3044	95.00	56232	175.00	3209
50.00	15496	74.00	11796	96.00	3973	176.00	37064
51.00	4820	75.00	32344	104.00	311	177.00	2523
52.00	106	76.00	2785	106.00	371		
55.00	98	77.00	413	116.00	212		
56.00	1226	78.00	236	117.00	403		
57.00	2161	79.00	2835	118.00	237		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-131290/4

Matrix: Water Lab File ID: b47443.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/09/2012 23:20

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	10.5		10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.080	U	1.0	0.080
108-88-3	Toluene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
460-00-4	Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47443.d
Report Date: 15-Oct-2012 09:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47443.d
Lab Smp Id: MB
Inj Date : 09-OCT-2012 23:20
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 10-Oct-2012 08:40 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
16 Acetone	43	2.407	2.407	(0.461)	17684	10.5046	10(H)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.892	4.892	(0.937)	236447	57.1422	57
* 52 Fluorobenzene	96	5.221	5.221	(1.000)	517870	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	429566	54.2350	54
* 78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	345970	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	114144	50.2263	50
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	143587	50.0000	

QC Flag Legend

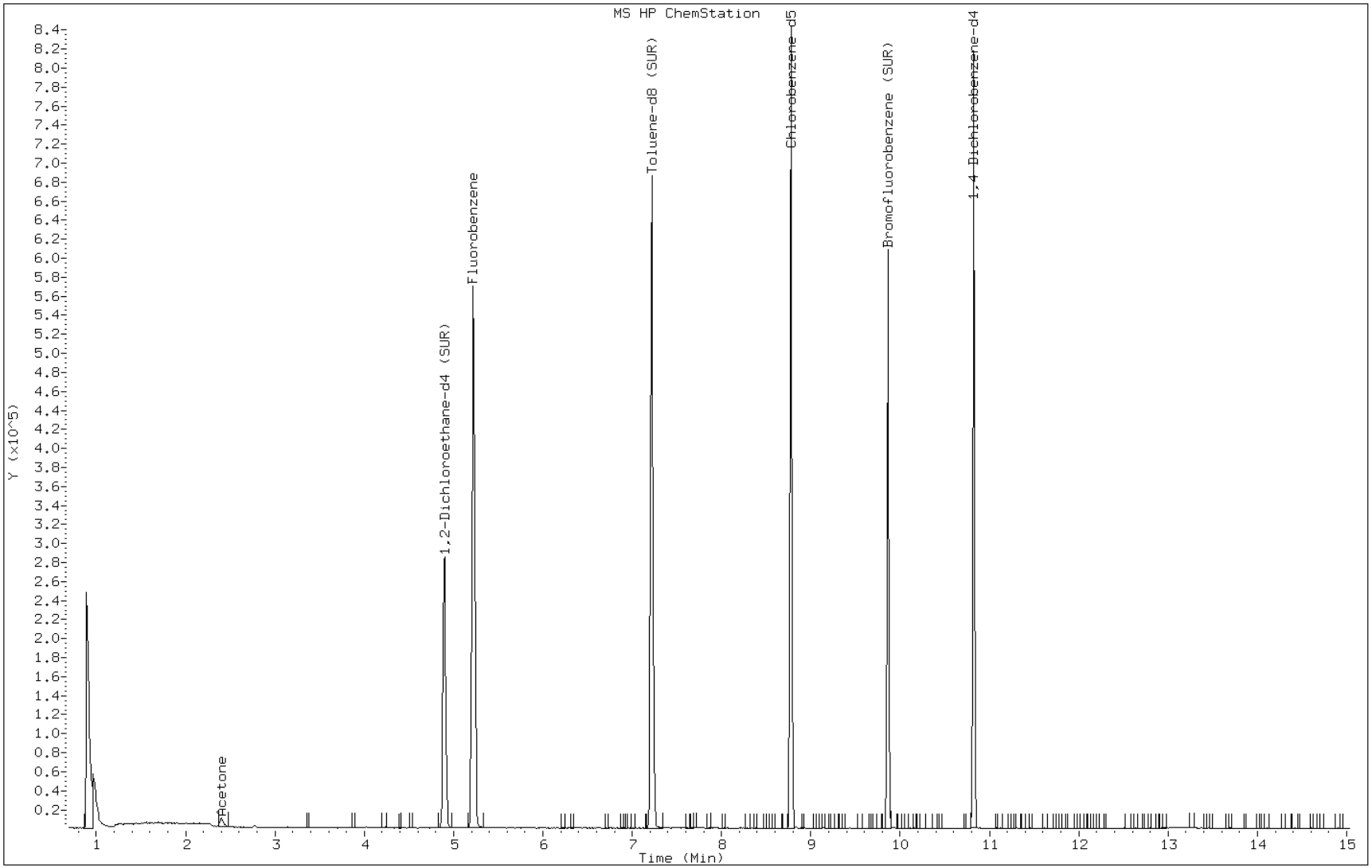
H - Operator selected an alternate compound hit.

Data File: b47443.d

Date: 09-OCT-2012 23:20

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator: VOA GC/MS2



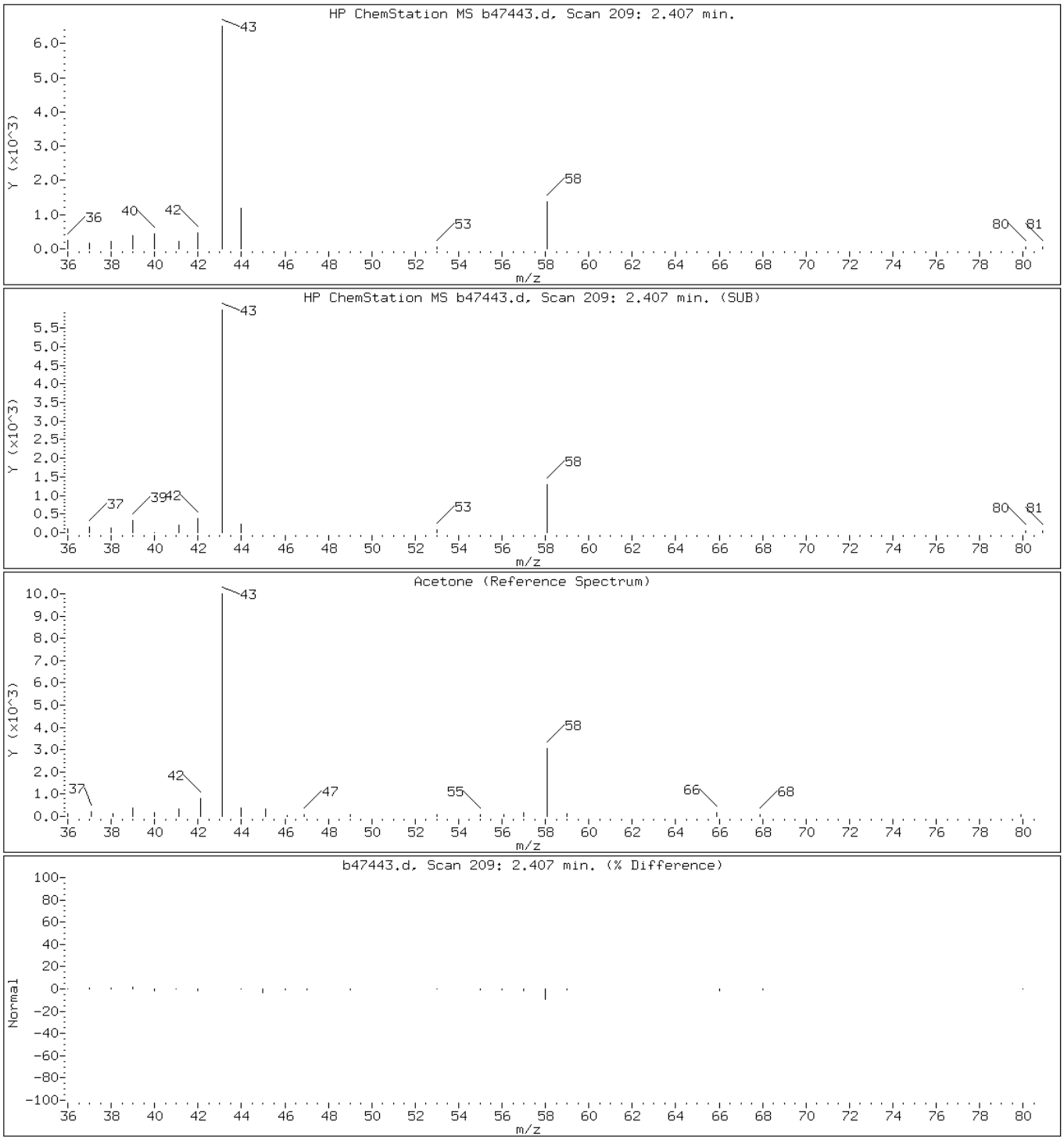
Data File: b47443.d

Date: 09-OCT-2012 23:20

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator: VOA GC/MS2

16 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-131374/4

Matrix: Water Lab File ID: b47463.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 07:41

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.: 131374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	10	2.7
79-01-6	Trichloroethene	0.090	U	1.0	0.090
71-43-2	Benzene	0.080	U	1.0	0.080
108-88-3	Toluene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47463.d
Report Date: 10-Oct-2012 08:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47463.d
Lab Smp Id: MB
Inj Date : 10-OCT-2012 07:41
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 05:48 audberto Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.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

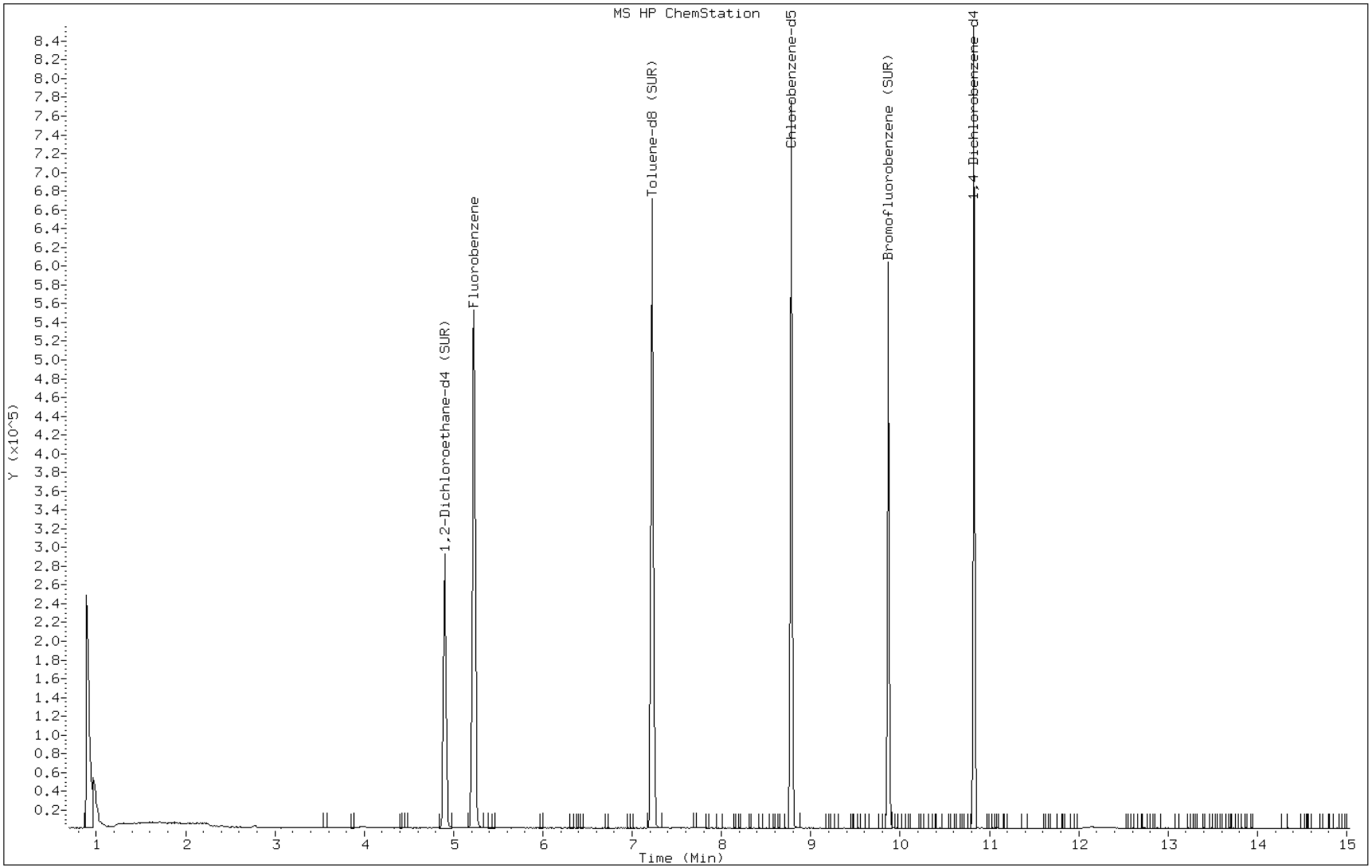
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	4.900	4.900	(0.937)	231676	56.5580	56
* 52 Fluorobenzene	96	5.230	5.230	(1.000)	512661	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.221	7.221	(0.822)	432093	54.0748	54
* 78 Chlorobenzene-d5	117	8.785	8.777	(1.000)	349036	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	116874	51.0098	51
* 108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	144763	50.0000	

Data File: b47463.d

Date: 10-OCT-2012 07:41

Client ID: Instrument: VOAMS2.i

Sample Info: MB Operator: VOA GC/MS2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-131290/3

Matrix: Water Lab File ID: b47440.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/09/2012 20:04

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	20.7		1.0	0.18
67-64-1	Acetone	28.4		10	2.7
79-01-6	Trichloroethene	20.5		1.0	0.090
71-43-2	Benzene	24.7		1.0	0.080
108-88-3	Toluene	22.6		1.0	0.15
100-41-4	Ethylbenzene	20.6		1.0	0.10
1330-20-7	Xylenes, Total	63.1		3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	96		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47440.d
Report Date: 09-Oct-2012 22:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47440.d
Lab Smp Id: LCS
Inj Date : 09-OCT-2012 20:04
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 09-Oct-2012 20:12 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 1 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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.139	1.148	(0.218)	63245	15.9700	16
3 Chloromethane	50	1.263	1.271	(0.242)	91540	20.0238	20
4 Vinyl Chloride	62	1.370	1.370	(0.262)	80674	20.5138	20
6 Bromomethane	94	1.617	1.625	(0.310)	43237	20.2609	20
5 Chloroethane	64	1.674	1.683	(0.321)	41377	20.0488	20
183 Dichlorofluoromethane	67	1.888	1.897	(0.362)	154161	21.8359	22
7 Trichlorofluoromethane	101	1.888	1.897	(0.362)	106200	20.8762	21
8 n-Pentane	72	1.913	1.921	(0.366)	19913	41.7535	42
11 Ethyl Ether	59	2.102	2.102	(0.403)	71978	23.9281	24
10 Isoprene	67	2.110	2.119	(0.404)	87236	19.7178	20
168 1,2-Dichlorotrifluoroethane	67	2.110	2.119	(0.404)	87236	16.5292	16
13 Acrolein	56	2.267	2.275	(0.434)	45594	48.0822	48
14 Freon TF	101	2.291	2.292	(0.439)	63229	20.4010	20
15 1,1-Dichloroethene	96	2.308	2.316	(0.442)	63867	21.4751	21
16 Acetone	43	2.398	2.407	(0.459)	56730	28.4065	28
17 Iodomethane	142	2.448	2.448	(0.469)	122219	18.8271	19

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47440.d
Report Date: 09-Oct-2012 22:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	18 Carbon Disulfide	76	2.489	2.489	(0.477)	212980	19.9015	20
	170 Cyclopentene	67	2.637	2.645	(0.505)	176983	21.4300	21
	27 Methyl Acetate	43	2.654	2.654	(0.508)	147173	26.2359	26
	21 Acetonitrile	41	2.703	2.711	(0.518)	253448	371.585	370
	22 Methylene Chloride	84	2.769	2.777	(0.530)	80415	20.7426	21
	24 TBA	59	2.876	2.876	(0.551)	230703	454.857	450(R)
	28 MTBE	73	2.942	2.950	(0.563)	240121	22.8857	23
	25 trans-1,2-Dichloroethene	96	2.958	2.966	(0.567)	69511	20.7836	21
	26 Acrylonitrile	53	3.049	3.049	(0.584)	48947	26.8153	27
	29 Hexane	43	3.131	3.131	(0.600)	60444	23.3715	23
	32 DIPE	45	3.394	3.394	(0.650)	304622	25.7552	26
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	154469	22.8684	23
	31 Vinyl Acetate	43	3.435	3.436	(0.658)	487424	45.7656	46
	34 n-Propanol	42	3.534	3.534	(0.677)	92317	3154.00	3200
	35 t-Butyl-ethyl-ether	59	3.748	3.748	(0.718)	272975	23.0609	23
	37 2,2-Dichloropropane	77	3.946	3.954	(0.756)	99552	21.1110	21
	36 cis-1,2-Dichloroethene	96	3.979	3.979	(0.762)	77947	20.9800	21
	38 2-Butanone	72	4.020	4.020	(0.770)	14207	24.4195	24(R)
	39 Ethyl Acetate	70	4.044	4.045	(0.775)	20563	44.0139	44
	40 Bromochloromethane	128	4.234	4.234	(0.811)	40095	19.3166	19
	41 Tetrahydrofuran	42	4.234	4.234	(0.811)	46696	25.9898	26(R)
	42 Chloroform	83	4.316	4.316	(0.827)	149784	21.8914	22
	44 Cyclohexane	56	4.431	4.431	(0.849)	107090	21.9073	22
	43 1,1,1-Trichloroethane	97	4.456	4.456	(0.853)	101677	19.8351	20
	45 Carbon Tetrachloride	117	4.588	4.596	(0.879)	99892	19.8696	20
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	109208	22.0989	22
	48 Benzene	78	4.859	4.859	(0.554)	298135	24.6581	25
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.892	4.892	(0.937)	265316	53.5807	54
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	229070	22.3735	22
	49 1,2-Dichloroethane	62	4.983	4.983	(0.954)	149354	22.9837	23
	61 Isopropyl Acetate	43	4.999	5.007	(0.957)	529636	40.6727	41
	51 n-Heptane	57	5.090	5.090	(0.975)	39302	22.2465	22
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	619725	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.501	5.501	(1.054)	289173	35.9948	36
	54 Trichloroethene	95	5.649	5.641	(1.082)	74554	20.4861	20
	53 n-Butanol	56	5.674	5.674	(1.087)	230334	1688.86	1700
	56 Methyl cyclohexane	83	5.781	5.781	(1.107)	89282	20.1391	20
	55 Ethyl Acrylate	55	5.855	5.855	(1.121)	115587	18.6969	19
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	88631	23.2939	23
	58 Dibromomethane	93	6.143	6.143	(1.177)	59903	21.2929	21
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	20036	16.8498	17
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	10025	166.479	170
	75 Propyl Acetate	43	6.234	6.234	(1.194)	179821	24.9360	25(R)
	68 Bromodichloromethane	83	6.357	6.357	(1.218)	104426	20.2467	20
	62 2-Chloroethyl Vinyl Ether	63	6.810	6.810	(1.304)	56344	17.7778	18
	63 Epichlorohydrin	57	6.908	6.908	(0.787)	252214	530.914	530(R)
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	129172	24.7488	25(R)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47440.d
Report Date: 09-Oct-2012 22:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	130587	27.4921	27(R)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	539222	53.5031	54
	66 Toluene	91	7.295	7.295	(0.831)	289088	22.5529	22
	64 trans-1,3-Dichloropropene	75	7.665	7.666	(0.873)	107232	21.7599	22
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	68459	23.5557	24
	71 Tetrachloroethene	166	7.871	7.871	(0.897)	63909	18.3403	18
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	135333	24.2178	24(R)
	73 2-Hexanone	43	8.110	8.110	(0.924)	88297	26.1446	26(R)
	76 Butyl Acetate	73	8.225	8.225	(0.937)	49335	41.8156	42
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	71527	19.5774	20
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	76510	21.4937	21
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	440227	50.0000	
	79 Chlorobenzene	112	8.801	8.801	(1.003)	184060	20.3095	20
	81 Ethylbenzene	106	8.892	8.892	(1.013)	89196	20.6348	21
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	63158	18.5979	18
	82 m+p-Xylene	106	9.007	9.007	(1.026)	225282	42.3605	42
	83 Butyl Acrylate	73	9.369	9.369	(1.067)	56927	16.0265	16
	84 o-Xylene	106	9.369	9.369	(1.067)	109588	20.7260	21
	85 Styrene	104	9.402	9.402	(1.071)	184508	17.5596	18
	87 Amyl Acetate	43	9.575	9.575	(0.884)	98508	21.8179	22
	86 Bromoform	173	9.583	9.583	(1.092)	44982	16.2278	16
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	278701	20.6214	21
$	89 Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	153292	48.1877	48
	91 Bromobenzene	156	9.978	9.978	(0.922)	70920	21.0560	21
	92 1,1,2,2-Tetrachloroethane	83	10.027	10.028	(0.926)	105081	25.2182	25(R)
	95 n-Propylbenzene	91	10.044	10.044	(0.928)	350137	25.8740	26
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	30217	23.8157	24(R)
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.077	(0.932)	31621	25.7697	26(R)
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	245878	24.9736	25
	97 1,3,5-Trimethylbenzene	105	10.200	10.200	(0.942)	231235	24.2663	24(R)
	98 4-Chlorotoluene	91	10.241	10.241	(0.946)	219595	24.2601	24
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	77491	19.6590	20
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	183794	23.3364	23(R)
	101 1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	231662	21.2029	21
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	297292	25.4194	25(R)
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	232316	20.8447	21
	105 1,3-Dichlorobenzene	146	10.760	10.760	(0.994)	128866	21.1390	21
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	200991	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	131352	20.4777	20
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	154226	18.7562	19
	171 Indan	117	11.023	11.023	(2.111)	229239	14.2226	14
	106 n-Butylbenzene	91	11.081	11.081	(1.024)	289365	25.3705	25
	111 1,2-Dichlorobenzene	146	11.138	11.139	(1.029)	124329	20.2868	20
	112 1,2-Dibromo-3-chloropropane	75	11.764	11.764	(1.087)	18461	20.5613	20
	114 1,2,4-Trichlorobenzene	180	12.373	12.373	(1.143)	79427	17.6847	18
	115 Hexachlorobutadiene	225	12.463	12.463	(1.151)	29309	16.4834	16
	116 Naphthalene	128	12.595	12.595	(1.163)	252689	18.4647	18

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47440.d
Report Date: 09-Oct-2012 22:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	78560	17.9874	18
M 120 1,2-Dichloroethene (Total)	100				147458	41.7636	42
M 121 Xylene (Total)	100				334870	63.0866	63

QC Flag Legend

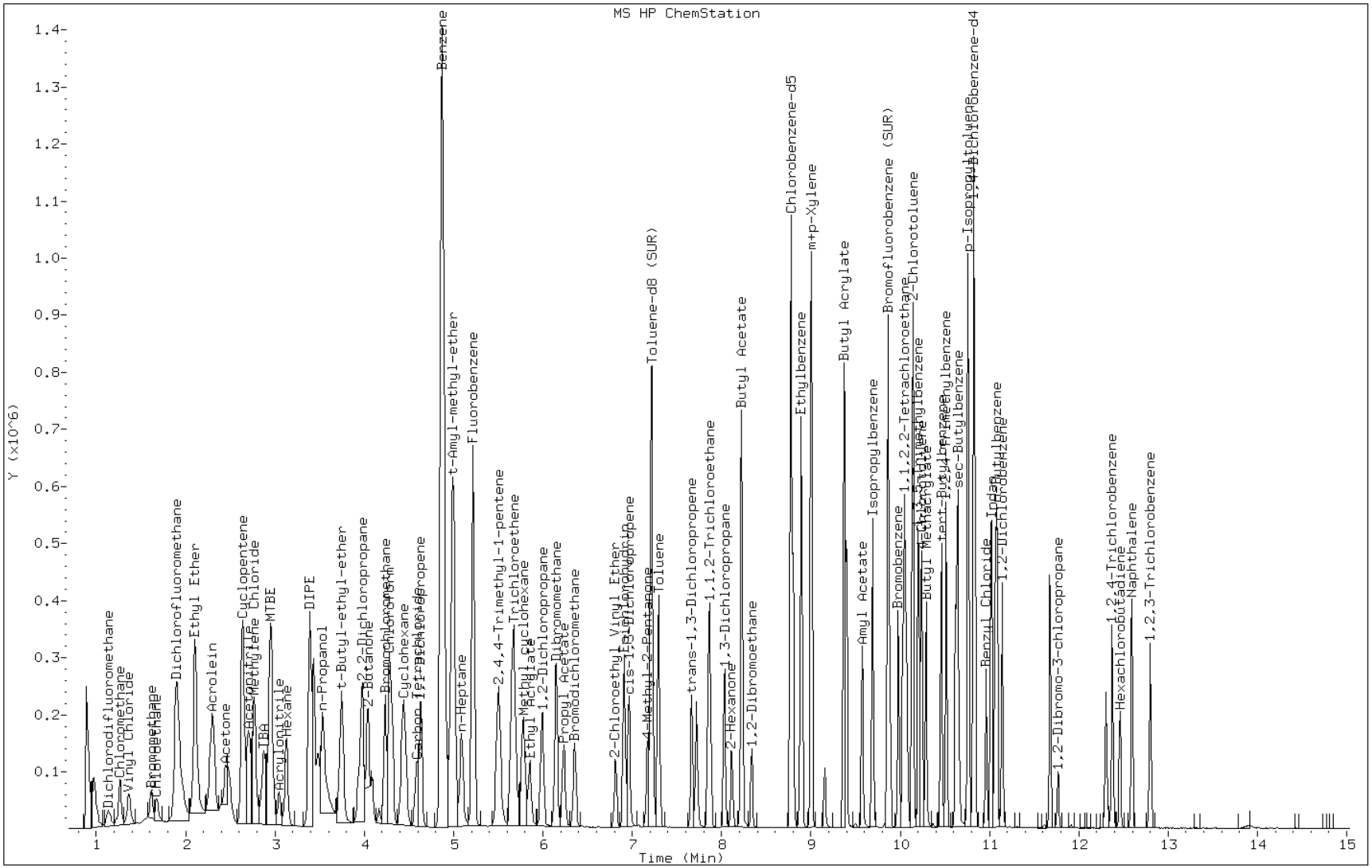
R - Spike/Surrogate failed recovery limits.

Data File: b47440.d

Date: 09-OCT-2012 20:04

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator: VOA GC/MS2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-131374/3

Matrix: Water Lab File ID: b47460.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 06:18

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.: 131374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	20.0		1.0	0.18
67-64-1	Acetone	29.0		10	2.7
79-01-6	Trichloroethene	20.4		1.0	0.090
71-43-2	Benzene	23.6		1.0	0.080
108-88-3	Toluene	22.1		1.0	0.15
100-41-4	Ethylbenzene	20.7		1.0	0.10
1330-20-7	Xylenes, Total	62.9		3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	96		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47460.d
Report Date: 10-Oct-2012 08:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47460.d
Lab Smp Id: LCS
Inj Date : 10-OCT-2012 06:18
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 08:39 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 2 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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
179 Freon 152a	51	1.082	1.082	(0.207)	86923	25.2881	25
167 Chlorotrifluoroethene	66	1.115	1.123	(0.214)	19456	24.9567	25
2 Dichlorodifluoromethane	85	1.148	1.139	(0.220)	88275	22.6234	23
176 Chlorodifluoromethane	51	1.164	1.164	(0.223)	115335	24.8540	25
3 Chloromethane	50	1.279	1.279	(0.245)	88615	19.6736	20
4 Vinyl Chloride	62	1.378	1.378	(0.264)	84542	21.8186	22
6 Bromomethane	94	1.625	1.625	(0.311)	39879	18.9666	19
5 Chloroethane	64	1.683	1.691	(0.322)	43502	21.3934	21
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	154548	22.2178	22
7 Trichlorofluoromethane	101	1.897	1.897	(0.363)	119143	23.7704	24
8 n-Pentane	72	1.930	1.921	(0.370)	20647	43.9394	44
11 Ethyl Ether	59	2.102	2.111	(0.403)	67715	22.8473	23
10 Isoprene	67	2.119	2.119	(0.406)	107915	24.7564	25
168 1,2-Dichlorotrifluoroethane	67	2.185	2.185	(0.418)	106136	20.4108	20
178 Freon 123	83	2.251	2.250	(0.431)	101895	21.0876	21
13 Acrolein	56	2.275	2.275	(0.436)	44387	47.5088	48

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47460.d
Report Date: 10-Oct-2012 08:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14	Freon TF	101	2.300	2.300	(0.440)	66685	21.8376	22
15	1,1-Dichloroethene	96	2.316	2.316	(0.444)	60556	20.6660	21
16	Acetone	43	2.407	2.407	(0.461)	56988	28.9699	29
17	Iodomethane	142	2.456	2.456	(0.470)	120873	18.8979	19
18	Carbon Disulfide	76	2.489	2.489	(0.477)	220072	20.8715	21
170	Cyclopentene	67	2.646	2.645	(0.507)	192636	23.6739	24
27	Methyl Acetate	43	2.662	2.662	(0.510)	109775	19.8615	20
21	Acetonitrile	41	2.711	2.711	(0.519)	326292	485.531	480
22	Methylene Chloride	84	2.777	2.777	(0.532)	76423	20.0074	20
24	TBA	59	2.884	2.884	(0.552)	193684	387.576	390
28	MTBE	73	2.950	2.950	(0.565)	222175	21.4917	21
25	trans-1,2-Dichloroethene	96	2.967	2.966	(0.568)	65395	19.8451	20
26	Acrylonitrile	53	3.057	3.057	(0.585)	46537	25.8759	26
29	Hexane	43	3.131	3.139	(0.600)	70935	27.8379	28(R)
32	DIPE	45	3.394	3.394	(0.650)	281166	24.1272	24
30	1,1-Dichloroethane	63	3.394	3.394	(0.650)	142544	21.4183	21
31	Vinyl Acetate	43	3.444	3.444	(0.660)	493960	40.4539	40
34	n-Propanol	42	3.543	3.542	(0.678)	92666	3213.23	3200
35	t-Butyl-ethyl-ether	59	3.748	3.756	(0.718)	252472	21.6475	22
37	2,2-Dichloropropane	77	3.954	3.962	(0.757)	97399	20.9630	21
36	cis-1,2-Dichloroethene	96	3.987	3.987	(0.764)	74381	20.3194	20
38	2-Butanone	72	4.028	4.028	(0.771)	12521	21.8431	22
39	Ethyl Acetate	70	4.053	4.053	(0.776)	19385	42.1125	42
40	Bromochloromethane	128	4.242	4.242	(0.812)	37940	18.5515	18
41	Tetrahydrofuran	42	4.234	4.242	(0.811)	40851	23.0764	23(R)
42	Chloroform	83	4.316	4.324	(0.827)	143238	21.2475	21
44	Cyclohexane	56	4.440	4.440	(0.850)	123898	25.7244	26
43	1,1,1-Trichloroethane	97	4.464	4.464	(0.855)	99609	19.7221	20
45	Carbon Tetrachloride	117	4.596	4.596	(0.880)	96107	19.4024	19
46	1,1-Dichloropropene	75	4.637	4.645	(0.888)	101128	20.7697	21
48	Benzene	78	4.868	4.867	(0.554)	281143	23.6318	24
$ 47	1,2-Dichloroethane-d4 (SUR)	65	4.901	4.900	(0.939)	261654	53.6307	54
50	t-Amyl-methyl-ether	73	4.991	4.983	(0.956)	209887	20.8062	21
49	1,2-Dichloroethane	62	4.991	4.991	(0.956)	134758	21.0475	21
61	Isopropyl Acetate	43	5.008	5.007	(0.959)	568042	44.2738	44
51	n-Heptane	57	5.098	5.098	(0.976)	45249	25.9955	26(R)
* 52	Fluorobenzene	96	5.221	5.230	(1.000)	610601	50.0000	
166	2,4,4-Trimethyl-1-pentene	57	5.510	5.509	(1.055)	338797	42.8019	43
169	1,2-Difluorotetrachloroethane	101	5.518	5.509	(1.057)	74216	21.1451	21
54	Trichloroethene	95	5.649	5.649	(1.082)	73031	20.3675	20
53	n-Butanol	56	5.682	5.682	(1.088)	193893	1442.91	1400
56	Methyl cyclohexane	83	5.789	5.789	(1.109)	103649	23.7291	24
55	Ethyl Acrylate	55	5.863	5.863	(1.123)	133573	21.9291	22
57	1,2-Dichloropropane	63	6.003	5.995	(1.150)	83501	22.2735	22
58	Dibromomethane	93	6.151	6.151	(1.178)	55089	19.8744	20
59	Methyl Methacrylate	100	6.151	6.160	(1.178)	17840	15.2267	15
60	1,4-Dioxane	88	6.151	6.160	(1.178)	11512	188.104	190

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47460.d
Report Date: 10-Oct-2012 08:39

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	75 Propyl Acetate	43	6.242	6.242	(1.195)	158781	22.3474	22
	68 Bromodichloromethane	83	6.365	6.365	(1.219)	100010	19.6803	20
	62 2-Chloroethyl Vinyl Ether	63	6.818	6.818	(1.306)	48604	15.5648	16
	63 Epichlorohydrin	57	6.917	6.917	(0.787)	213289	456.296	460
	67 cis-1,3-Dichloropropene	75	6.974	6.974	(0.794)	121684	23.6943	24
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.816)	111724	23.9044	24
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.822)	535573	54.0074	54
	66 Toluene	91	7.304	7.303	(0.831)	279313	22.1456	22
	64 trans-1,3-Dichloropropene	75	7.666	7.674	(0.873)	103190	21.2811	21
	69 1,1,2-Trichloroethane	83	7.863	7.855	(0.895)	62061	21.7024	22
	71 Tetrachloroethene	166	7.880	7.880	(0.897)	65486	19.0993	19
	72 1,3-Dichloropropane	76	8.036	8.036	(0.915)	124759	22.6896	23
	73 2-Hexanone	43	8.118	8.118	(0.924)	77958	23.4596	23
	76 Butyl Acetate	73	8.225	8.225	(0.936)	43170	37.1867	37
	74 Dibromochloromethane	129	8.225	8.225	(0.936)	67551	18.7906	19
	77 1,2-Dibromoethane	107	8.341	8.340	(0.949)	71853	20.5145	20
*	78 Chlorobenzene-d5	117	8.785	8.777	(1.000)	433165	50.0000	
	79 Chlorobenzene	112	8.810	8.810	(1.003)	177026	19.8518	20
	81 Ethylbenzene	106	8.892	8.892	(1.012)	87875	20.6606	21
	80 1,1,1,2-Tetrachloroethane	131	8.908	8.900	(1.014)	60385	18.0712	18
	82 m+p-Xylene	106	9.007	9.007	(1.025)	222918	42.5994	42
	83 Butyl Acrylate	73	9.377	9.377	(1.067)	53208	15.2229	15
	84 o-Xylene	106	9.377	9.377	(1.067)	105632	20.3035	20
	85 Styrene	104	9.402	9.402	(1.070)	182284	17.6308	18
	87 Amyl Acetate	43	9.575	9.575	(0.884)	161104	35.1108	35
	86 Bromoform	173	9.583	9.583	(1.091)	41443	15.1948	15
	88 Isopropylbenzene	105	9.698	9.698	(1.104)	275372	20.7073	21
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	155530	48.1087	48
	91 Bromobenzene	156	9.986	9.986	(0.922)	67623	19.7558	20
	92 1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	99289	23.4469	23
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	340739	24.7765	25
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	28593	22.1751	22
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	25586	20.5177	20
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	237067	23.6934	24
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	225170	23.2517	23
	98 4-Chlorotoluene	91	10.242	10.241	(0.946)	223452	24.2911	24
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	73431	18.3309	18
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	183038	22.8684	23
	101 1,2,4-Trimethylbenzene	105	10.521	10.521	(0.972)	225866	20.3416	20
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	291767	24.5478	24
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	231183	20.4111	20
	105 1,3-Dichlorobenzene	146	10.768	10.768	(0.995)	124487	20.0939	20
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	204260	50.0000	
	109 1,4-Dichlorobenzene	146	10.851	10.842	(1.002)	129393	19.8495	20
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	138447	16.5678	16
	171 Indan	117	11.023	11.023	(2.111)	216423	13.6281	14(R)
	106 n-Butylbenzene	91	11.089	11.089	(1.024)	284950	24.5836	24

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Report Date: 10-Oct-2012 08:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
111	1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	120979	19.4243	19
112	1,2-Dibromo-3-chloropropane	75	11.772	11.772	(1.087)	16715	18.3187	18
114	1,2,4-Trichlorobenzene	180	12.381	12.381	(1.144)	78539	17.2071	17
115	Hexachlorobutadiene	225	12.472	12.472	(1.152)	26377	14.5970	14
116	Naphthalene	128	12.595	12.595	(1.163)	234422	16.8558	17
117	1,2,3-Trichlorobenzene	180	12.809	12.809	(1.183)	73815	16.6305	17
M 120	1,2-Dichloroethene (Total)	100				139776	40.1645	40
M 121	Xylene (Total)	100				328550	62.9029	63

QC Flag Legend

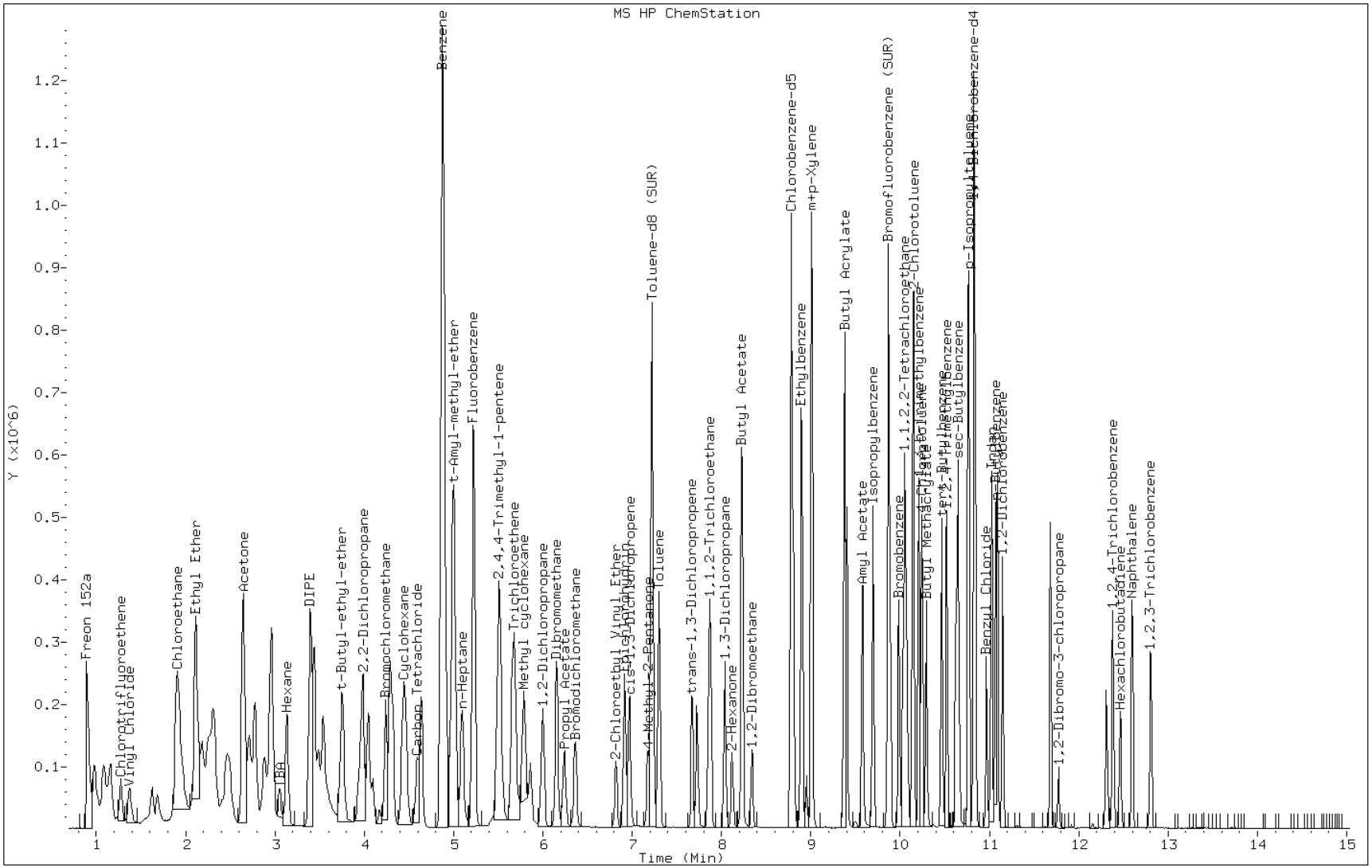
R - Spike/Surrogate failed recovery limits.

Data File: b47460.d

Date: 10-OCT-2012 06:18

Client ID: Instrument: VOAMS2.i

Sample Info: LCS Operator: VOA GC/MS2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-27 MS | Lab Sample ID: 460-45509-7 MS

Matrix: Water | Lab File ID: b47470.d

Analysis Method: 8260B | Date Collected: 10/04/2012 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/10/2012 10:17

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 131374 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	200		10	1.8
67-64-1	Acetone	277		100	27
79-01-6	Trichloroethene	203		10	0.90
71-43-2	Benzene	245		10	0.80
108-88-3	Toluene	224		10	1.5
100-41-4	Ethylbenzene	202		10	1.0
1330-20-7	Xylenes, Total	603		30	3.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47470.d
Report Date: 12-Oct-2012 11:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47470.d
Lab Smp Id: 460-45509-A-7 MS Client Smp ID: MW-27
Inj Date : 10-OCT-2012 10:17
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-7 MS;10
Misc Info : 460-45509-A-7
Comment   :
Method   : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 18:50 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 12 QC Sample: MS
Dil Factor: 10.00000
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	10.00000	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)
179 Freon 152a	51	1.082	1.082	(0.207)	76266	24.2522	240
167 Chlorotrifluoroethene	66	1.115	1.123	(0.213)	19717	27.6448	280(R)
2 Dichlorodifluoromethane	85	1.140	1.139	(0.218)	85511	23.9542	240
176 Chlorodifluoromethane	51	1.156	1.164	(0.221)	105527	24.8563	250
3 Chloromethane	50	1.271	1.279	(0.243)	79979	19.4085	190
4 Vinyl Chloride	62	1.370	1.378	(0.262)	77400	21.8340	220
6 Bromomethane	94	1.625	1.625	(0.311)	44847	23.3140	230
5 Chloroethane	64	1.683	1.691	(0.322)	43656	23.4668	230
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	145511	22.8650	230
7 Trichlorofluoromethane	101	1.897	1.897	(0.363)	117671	25.6612	260
8 n-Pentane	72	1.913	1.921	(0.366)	19106	44.4433	440
11 Ethyl Ether	59	2.102	2.111	(0.402)	62769	23.1491	230
10 Isoprene	67	2.119	2.119	(0.405)	100821	25.2810	250
168 1,2-Dichlorotrifluoroethane	67	2.176	2.185	(0.416)	102169	21.4761	210
178 Freon 123	83	2.242	2.250	(0.429)	99158	22.4306	220
13 Acrolein	56	2.275	2.275	(0.435)	42373	49.5731	500

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47470.d
Report Date: 12-Oct-2012 11:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14	Freon TF	101	2.292	2.300	(0.438)	63031	22.5615	220
15	1,1-Dichloroethene	96	2.316	2.316	(0.443)	57796	21.5594	220
16	Acetone	43	2.407	2.407	(0.460)	49945	27.7356	280
17	Iodomethane	142	2.448	2.456	(0.468)	110765	18.9289	190
18	Carbon Disulfide	76	2.489	2.489	(0.476)	181921	18.8586	190
170	Cyclopentene	67	2.637	2.645	(0.504)	164374	22.0802	220
27	Methyl Acetate	43	2.662	2.662	(0.509)	106672	21.0959	210
21	Acetonitrile	41	2.711	2.711	(0.518)	327323	532.385	5300(R)
22	Methylene Chloride	84	2.777	2.777	(0.531)	69912	20.0059	200
24	TBA	59	2.876	2.884	(0.550)	209194	457.563	4600(R)
28	MTBE	73	2.950	2.950	(0.564)	199601	21.1046	210
25	trans-1,2-Dichloroethene	96	2.967	2.966	(0.567)	58403	19.3724	190
26	Acrylonitrile	53	3.057	3.057	(0.585)	45700	27.7749	280(R)
29	Hexane	43	3.131	3.139	(0.599)	63281	27.1448	270(R)
32	DIPE	45	3.394	3.394	(0.649)	243065	22.7985	230
30	1,1-Dichloroethane	63	3.403	3.394	(0.651)	130370	21.4117	210
31	Vinyl Acetate	43	3.444	3.444	(0.659)	453778	40.6210	410
34	n-Propanol	42	3.543	3.542	(0.677)	116471	4414.47	44000(R)
35	t-Butyl-ethyl-ether	59	3.748	3.756	(0.717)	223704	20.9656	210
37	2,2-Dichloropropane	77	3.954	3.962	(0.756)	85805	20.1860	200
36	cis-1,2-Dichloroethene	96	3.987	3.987	(0.762)	68461	20.4423	200
38	2-Butanone	72	4.028	4.028	(0.770)	12348	23.5457	240(R)
39	Ethyl Acetate	70	4.053	4.053	(0.775)	18792	44.6228	450
40	Bromochloromethane	128	4.242	4.242	(0.811)	35914	19.1949	190
41	Tetrahydrofuran	42	4.242	4.242	(0.811)	41167	25.4187	250(R)
42	Chloroform	83	4.324	4.324	(0.827)	133171	21.5922	220
44	Cyclohexane	56	4.440	4.440	(0.849)	110875	25.1624	250
43	1,1,1-Trichloroethane	97	4.464	4.464	(0.854)	90341	19.5514	200
45	Carbon Tetrachloride	117	4.596	4.596	(0.879)	87703	19.3532	190
46	1,1-Dichloropropene	75	4.645	4.645	(0.888)	88851	19.9462	200
48	Benzene	78	4.868	4.867	(0.554)	259659	24.5319	240
$ 47	1,2-Dichloroethane-d4 (SUR)	65	4.901	4.900	(0.937)	246507	55.2273	55
50	t-Amyl-methyl-ether	73	4.983	4.983	(0.953)	188446	20.4189	200
49	1,2-Dichloroethane	62	4.991	4.991	(0.954)	129733	22.1480	220
61	Isopropyl Acetate	43	5.007	5.007	(0.958)	532992	45.4074	450
51	n-Heptane	57	5.098	5.098	(0.975)	38646	24.2679	240(R)
* 52	Fluorobenzene	96	5.230	5.230	(1.000)	558623	50.0000	
166	2,4,4-Trimethyl-1-pentene	57	5.510	5.509	(1.054)	291696	40.2803	400
169	1,2-Difluorotetrachloroethane	101	5.518	5.509	(1.055)	70166	21.8513	220
54	Trichloroethene	95	5.649	5.649	(1.080)	66585	20.2976	200
53	n-Butanol	56	5.682	5.682	(1.087)	222274	1808.03	18000
56	Methyl cyclohexane	83	5.789	5.789	(1.107)	90853	22.7350	230
55	Ethyl Acrylate	55	5.863	5.863	(1.121)	122467	21.9766	220
57	1,2-Dichloropropane	63	6.003	5.995	(1.148)	75971	22.1505	220
58	Dibromomethane	93	6.151	6.151	(1.176)	53510	21.1010	210
59	Methyl Methacrylate	100	6.160	6.160	(1.178)	17494	16.3211	160
60	1,4-Dioxane	88	6.160	6.160	(1.178)	10735	190.909	1900(R)

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Report Date: 12-Oct-2012 11:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	75 Propyl Acetate	43	6.242	6.242	(1.194)	153827	23.6646	240(R)
	68 Bromodichloromethane	83	6.365	6.365	(1.217)	93943	20.2065	200
	63 Epichlorohydrin	57	6.917	6.917	(0.787)	202386	486.649	4900
	67 cis-1,3-Dichloropropene	75	6.974	6.974	(0.794)	97446	21.3271	210
	70 4-Methyl-2-Pentanone	43	7.180	7.172	(0.817)	110459	26.5638	260(R)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.822)	496309	56.2528	56
	66 Toluene	91	7.304	7.303	(0.831)	251302	22.3949	220
	64 trans-1,3-Dichloropropene	75	7.674	7.674	(0.874)	83313	19.3120	190
	69 1,1,2-Trichloroethane	83	7.863	7.855	(0.895)	59241	23.2846	230
	71 Tetrachloroethene	166	7.880	7.880	(0.897)	57618	18.8879	190
	72 1,3-Dichloropropane	76	8.036	8.036	(0.915)	113604	23.2223	230
	73 2-Hexanone	43	8.118	8.118	(0.924)	71367	24.1387	240
	76 Butyl Acetate	73	8.234	8.225	(0.937)	40197	38.9186	390
	74 Dibromochloromethane	129	8.234	8.225	(0.937)	60700	18.9782	190
	77 1,2-Dibromoethane	107	8.349	8.340	(0.950)	67180	21.5583	220
*	78 Chlorobenzene-d5	117	8.785	8.777	(1.000)	385386	50.0000	
	79 Chlorobenzene	112	8.810	8.810	(1.003)	160995	20.2924	200
	81 Ethylbenzene	106	8.892	8.892	(1.012)	76542	20.2271	200
	80 1,1,1,2-Tetrachloroethane	131	8.908	8.900	(1.014)	53068	17.8504	180
	82 m+p-Xylene	106	9.015	9.007	(1.026)	189467	40.6958	410
	83 Butyl Acrylate	73	9.377	9.377	(1.067)	45837	14.7395	150
	84 o-Xylene	106	9.377	9.377	(1.067)	90680	19.5905	200
	85 Styrene	104	9.402	9.402	(1.070)	158149	17.1928	170
	87 Amyl Acetate	43	9.575	9.575	(0.884)	141912	34.8368	350
	86 Bromoform	173	9.583	9.583	(1.091)	36406	15.0028	150
	88 Isopropylbenzene	105	9.698	9.698	(1.104)	237530	20.0761	200
$	89 Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	138541	48.2695	48
	91 Bromobenzene	156	9.986	9.986	(0.922)	60293	19.8405	200
	92 1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	95372	25.3682	250(R)
	95 n-Propylbenzene	91	10.052	10.052	(0.929)	292431	23.9512	240
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	27079	23.6550	240(R)
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	16752	15.1314	150
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	208369	23.4571	230
	97 1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	194763	22.6535	230
	98 4-Chlorotoluene	91	10.242	10.241	(0.946)	190971	23.3838	230
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	62554	17.5891	180
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	152052	21.3980	210
	101 1,2,4-Trimethylbenzene	105	10.521	10.521	(0.972)	192666	19.5444	200
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	248619	23.5611	240
	107 p-Isopropyltoluene	119	10.768	10.760	(0.995)	196349	19.5265	200
	105 1,3-Dichlorobenzene	146	10.768	10.768	(0.995)	108847	19.7898	200
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	181342	50.0000	
	109 1,4-Dichlorobenzene	146	10.851	10.842	(1.002)	112282	19.4014	190
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	115778	15.6060	160
	171 Indan	117	11.023	11.023	(2.108)	187652	12.9159	130(R)
	106 n-Butylbenzene	91	11.089	11.089	(1.024)	240550	23.3758	230
	111 1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	104805	18.9540	190

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47470.d
Report Date: 12-Oct-2012 11:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
112	1,2-Dibromo-3-chloropropane	75	11.772	11.772	(1.087)	16528	20.4030	200
114	1,2,4-Trichlorobenzene	180	12.381	12.381	(1.144)	66226	16.3432	160
115	Hexachlorobutadiene	225	12.472	12.472	(1.152)	21945	13.6792	140
116	Naphthalene	128	12.595	12.595	(1.163)	202888	16.4320	160
117	1,2,3-Trichlorobenzene	180	12.809	12.809	(1.183)	62527	15.8677	160
M 120	1,2-Dichloroethene (Total)	100				126864	39.8147	400
M 121	Xylene (Total)	100				280147	60.2863	600

QC Flag Legend

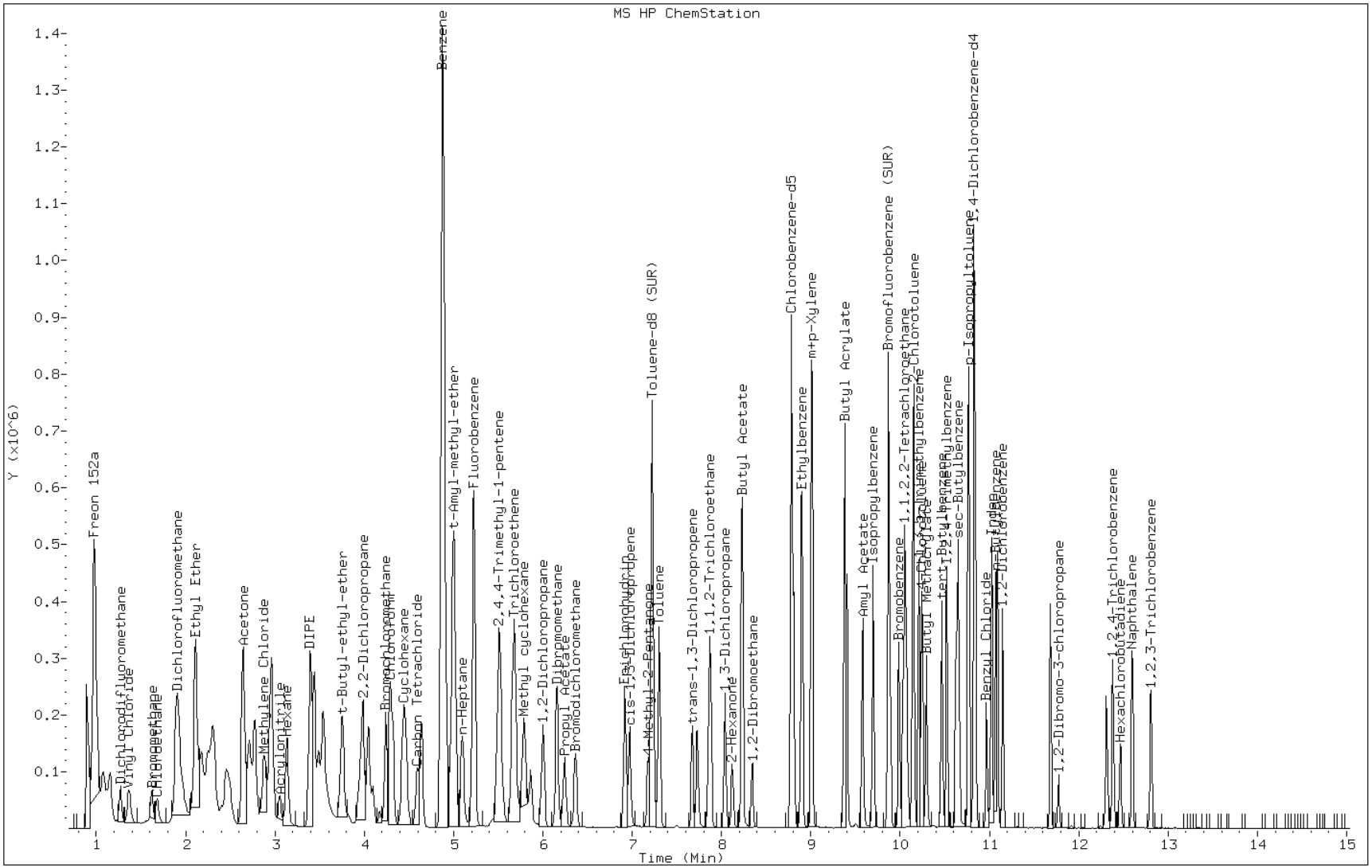
R - Spike/Surrogate failed recovery limits.

Data File: b47470.d

Date: 10-OCT-2012 10:17

Client ID: MW-27 Instrument: VOAMS2.i

Sample Info: 460-45509-A-7 MS;10 Operator: VOA GC/MS2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 MS Lab Sample ID: 460-45509-8 MS

Matrix: Water Lab File ID: b47446.d

Analysis Method: 8260B Date Collected: 10/04/2012 14:05

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 00:27

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	19.9		1.0	0.18
67-64-1	Acetone	40.8		10	2.7
79-01-6	Trichloroethene	20.6		1.0	0.090
71-43-2	Benzene	25.1		1.0	0.080
108-88-3	Toluene	23.1		1.0	0.15
100-41-4	Ethylbenzene	21.2		1.0	0.10
1330-20-7	Xylenes, Total	62.3		3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47446.d
Report Date: 10-Oct-2012 05:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47446.d
Lab Smp Id: 460-45509-A-8 MS Client Smp ID: MW-35
Inj Date : 10-OCT-2012 00:27
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-8 MS
Misc Info : 460-45509-A-8 MS
Comment   :
Method   : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 09-Oct-2012 20:12 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 8 QC Sample: MS
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)
179 Freon 152a	51	1.065	1.074	(0.204)	93	0.02862	0.029
167 Chlorotrifluoroethene	66	1.139	1.156	(0.218)	3245	4.38952	4.4(R)
2 Dichlorodifluoromethane	85	1.139	1.148	(0.218)	62245	16.8191	17
176 Chlorodifluoromethane	51	1.156	1.156	(0.221)	235	0.05351	0.054
3 Chloromethane	50	1.271	1.271	(0.243)	82674	19.3519	19
4 Vinyl Chloride	62	1.370	1.370	(0.262)	78010	21.2266	21
6 Bromomethane	94	1.617	1.625	(0.310)	39671	19.8931	20
5 Chloroethane	64	1.683	1.683	(0.322)	41828	21.6881	22
183 Dichlorofluoromethane	67	1.888	1.897	(0.362)	146650	22.2278	22
7 Trichlorofluoromethane	101	1.897	1.897	(0.363)	115647	24.3264	24
8 n-Pentane	72	1.913	1.921	(0.366)	16955	38.0429	38
11 Ethyl Ether	59	2.102	2.102	(0.403)	63954	22.7509	23
10 Isoprene	67	2.111	2.119	(0.404)	81027	19.5980	20
168 1,2-Dichlorotrifluoroethane	67	2.111	2.119	(0.404)	81027	16.4287	16
178 Freon 123	83	2.061	2.045	(0.395)	58	0.01282	0.013
13 Acrolein	56	2.267	2.275	(0.434)	5390	6.08287	6.1

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47446.d
Report Date: 10-Oct-2012 05:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	14 Freon TF	101	2.292	2.292	(0.439)	60160	20.7713	21
	15 1,1-Dichloroethene	96	2.308	2.316	(0.442)	55653	20.0246	20
	16 Acetone	43	2.407	2.407	(0.461)	75770	40.8407	41(R)
	17 Iodomethane	142	2.448	2.448	(0.469)	111384	18.3606	18
	18 Carbon Disulfide	76	2.489	2.489	(0.477)	169251	16.9238	17
	170 Cyclopentene	67	2.637	2.645	(0.505)	152547	19.7657	20
	27 Methyl Acetate	43	2.654	2.654	(0.508)	109854	20.9557	21
	21 Acetonitrile	41	2.711	2.711	(0.519)	304519	477.750	480
	22 Methylene Chloride	84	2.777	2.777	(0.532)	72249	19.9424	20
	24 TBA	59	2.876	2.876	(0.551)	215486	454.631	450(R)
	28 MTBE	73	2.950	2.950	(0.565)	207928	21.2064	21
	25 trans-1,2-Dichloroethene	96	2.958	2.966	(0.567)	60673	19.4126	19
	26 Acrylonitrile	53	3.049	3.049	(0.584)	1387	0.81325	0.81(aR)
	29 Hexane	43	3.131	3.131	(0.600)	61922	25.6210	26(R)
	32 DIPE	45	3.394	3.394	(0.650)	261122	23.6246	24
	30 1,1-Dichloroethane	63	3.394	3.394	(0.650)	135440	21.4566	21
	31 Vinyl Acetate	43	3.436	3.436	(0.658)	549880	53.8429	54
	34 n-Propanol	42	3.534	3.534	(0.677)	123839	4527.48	4500(R)
	35 t-Butyl-ethyl-ether	59	3.748	3.748	(0.718)	239024	21.6079	22
	37 2,2-Dichloropropane	77	3.954	3.954	(0.757)	91783	20.8277	21
	36 cis-1,2-Dichloroethene	96	3.979	3.979	(0.762)	70058	20.1782	20
	38 2-Butanone	72	4.020	4.020	(0.770)	12874	23.6800	24(R)
	39 Ethyl Acetate	70	4.045	4.045	(0.775)	19430	44.5043	44
	40 Bromochloromethane	128	4.242	4.234	(0.812)	37030	19.0905	19
	41 Tetrahydrofuran	42	4.234	4.234	(0.811)	43032	25.6291	26(R)
	42 Chloroform	83	4.316	4.316	(0.827)	138980	21.7360	22
	44 Cyclohexane	56	4.431	4.431	(0.849)	109686	24.0110	24
	43 1,1,1-Trichloroethane	97	4.456	4.456	(0.853)	94106	19.6450	20
	45 Carbon Tetrachloride	117	4.588	4.596	(0.879)	89182	18.9825	19
	46 1,1-Dichloropropene	75	4.637	4.637	(0.888)	92499	20.0297	20
	48 Benzene	78	4.859	4.859	(0.554)	271904	25.0636	25(R)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.892	4.892	(0.937)	255475	55.2091	55
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	199825	20.8850	21
	49 1,2-Dichloroethane	62	4.983	4.983	(0.954)	132135	21.7590	22
	61 Isopropyl Acetate	43	5.007	5.007	(0.959)	602267	49.4916	49(R)
	51 n-Heptane	57	5.090	5.090	(0.975)	39619	23.9979	24(R)
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	579138	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.509	5.501	(1.055)	285411	38.0163	38
	54 Trichloroethene	95	5.649	5.641	(1.082)	70015	20.5875	20
	53 n-Butanol	56	5.682	5.674	(1.088)	251451	1972.91	2000(R)
	56 Methyl cyclohexane	83	5.781	5.781	(1.107)	90449	21.8322	22
	55 Ethyl Acrylate	55	5.855	5.855	(1.121)	129552	22.4246	22(R)
	57 1,2-Dichloropropane	63	5.995	5.995	(1.148)	80426	22.6190	23
	58 Dibromomethane	93	6.151	6.143	(1.178)	55643	21.1651	21
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	17465	15.7168	16
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	9783	172.436	170
	75 Propyl Acetate	43	6.234	6.234	(1.194)	164650	24.4324	24(R)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47446.d
Report Date: 10-Oct-2012 05:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	68 Bromodichloromethane	83	6.357	6.357	(1.218)	97208	20.1682	20
	63 Epichlorohydrin	57	6.917	6.908	(0.788)	203441	477.282	480
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	112648	24.0543	24(R)
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	117304	27.5235	28(R)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	509835	56.3796	56
	66 Toluene	91	7.295	7.295	(0.831)	266147	23.1407	23
	64 trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	96426	21.8078	22
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	61755	23.6823	24
	71 Tetrachloroethene	166	7.871	7.871	(0.897)	60240	19.2671	19
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	119717	23.8764	24(R)
	73 2-Hexanone	43	8.118	8.110	(0.925)	77397	25.5414	26(R)
	76 Butyl Acetate	73	8.225	8.225	(0.937)	43132	40.7448	41
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	62593	19.0940	19
	77 1,2-Dibromoethane	107	8.340	8.340	(0.950)	69631	21.8010	22
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	394999	50.0000	
	79 Chlorobenzene	112	8.801	8.801	(1.003)	171437	21.0827	21
	81 Ethylbenzene	106	8.892	8.892	(1.013)	82306	21.2210	21
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	57411	18.8413	19
	82 m+p-Xylene	106	9.007	9.007	(1.026)	200644	42.0478	42
	83 Butyl Acrylate	73	9.377	9.369	(1.068)	48320	15.1603	15
	84 o-Xylene	106	9.369	9.369	(1.067)	96102	20.2567	20
	85 Styrene	104	9.402	9.402	(1.071)	153541	16.2857	16
	87 Amyl Acetate	43	9.575	9.575	(0.884)	151339	36.5672	36
	86 Bromoform	173	9.583	9.583	(1.092)	35788	14.3894	14(R)
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	249152	20.5459	20
$	89 Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	142901	49.0062	49
	91 Bromobenzene	156	9.986	9.978	(0.922)	62551	20.2601	20
	92 1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	100314	26.2636	26(R)
	95 n-Propylbenzene	91	10.052	10.044	(0.929)	310811	25.0566	25
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	28300	24.3338	24(R)
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.077	(0.932)	26646	23.6904	24
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	220822	24.4683	24
	97 1,3,5-Trimethylbenzene	105	10.209	10.200	(0.943)	198712	22.7496	23
	98 4-Chlorotoluene	91	10.242	10.241	(0.946)	202458	24.4008	24
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	65692	18.1812	18
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	162837	22.5556	22
	101 1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	200921	20.0616	20
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	266167	24.8277	25(R)
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	205714	20.1364	20
	105 1,3-Dichlorobenzene	146	10.760	10.760	(0.994)	118329	21.1758	21
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	184237	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	120890	20.5606	20
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	132987	17.6440	18
	171 Indan	117	11.023	11.023	(2.111)	195974	13.0109	13(R)
	106 n-Butylbenzene	91	11.089	11.081	(1.024)	260604	24.9267	25
	111 1,2-Dichlorobenzene	146	11.147	11.139	(1.030)	112964	20.1086	20
	112 1,2-Dibromo-3-chloropropane	75	11.772	11.764	(1.087)	17625	21.4163	21

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47446.d
Report Date: 10-Oct-2012 05:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
114	1,2,4-Trichlorobenzene	180	12.373	12.373	(1.143)	71659	17.4061	17
115	Hexachlorobutadiene	225	12.464	12.463	(1.151)	24681	15.1431	15
116	Naphthalene	128	12.595	12.595	(1.163)	220962	17.6147	18
117	1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	67685	16.9067	17
M 120	1,2-Dichloroethene (Total)	100				130731	39.5909	40
M 121	Xylene (Total)	100				296747	62.3044	62

QC Flag Legend

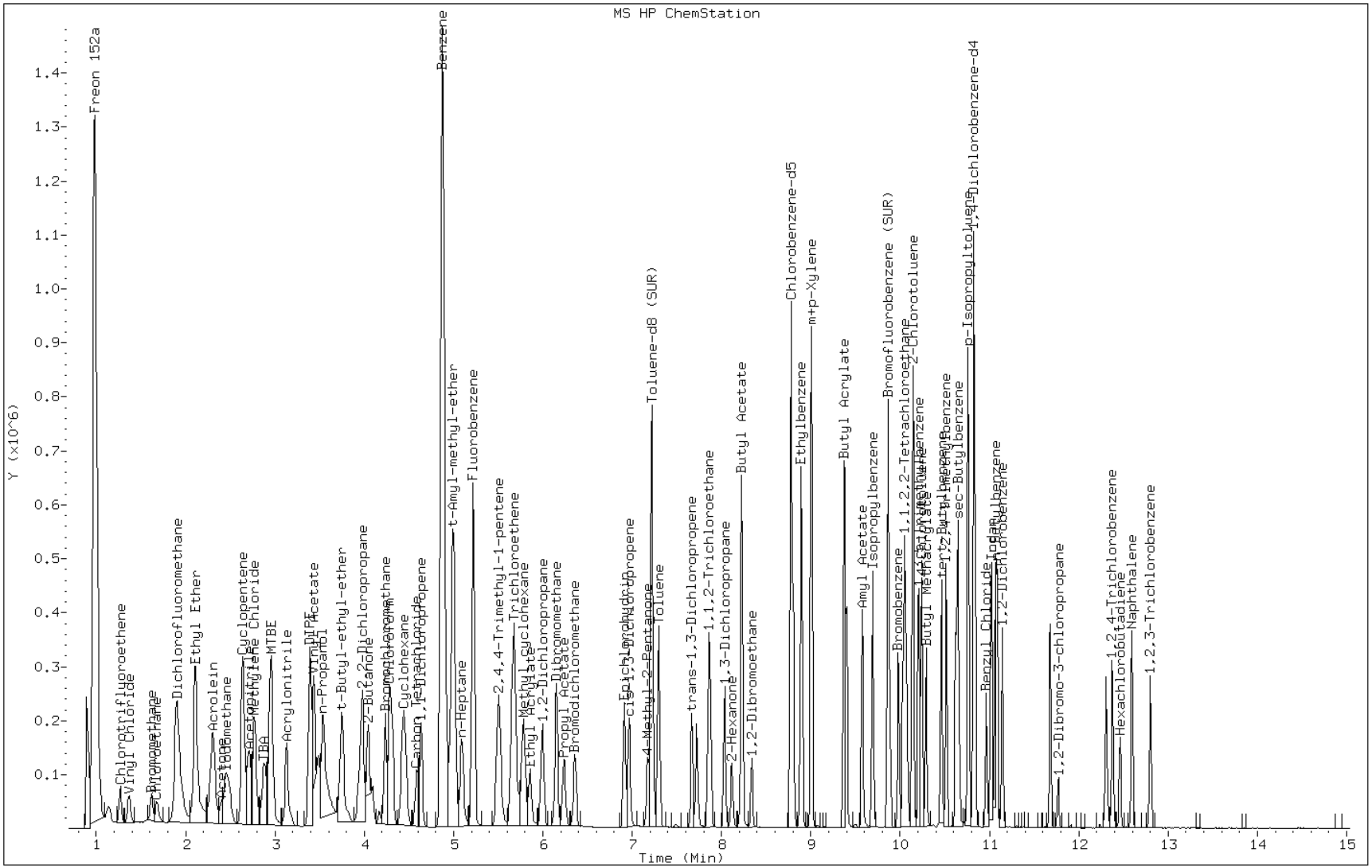
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: b47446.d

Date: 10-OCT-2012 00:27

Client ID: MW-35 Instrument: VOAMS2.i

Sample Info: 460-45509-A-8 MS Operator: VOA GC/MS2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-27 MSD Lab Sample ID: 460-45509-7 MSD

Matrix: Water Lab File ID: b47471.d

Analysis Method: 8260B Date Collected: 10/04/2012 11:50

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 10:39

Soil Aliquot Vol: Dilution Factor: 10

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 131374 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	193		10	1.8
67-64-1	Acetone	260		100	27
79-01-6	Trichloroethene	198		10	0.90
71-43-2	Benzene	233		10	0.80
108-88-3	Toluene	213		10	1.5
100-41-4	Ethylbenzene	194		10	1.0
1330-20-7	Xylenes, Total	590		30	3.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	95		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47471.d
Report Date: 10-Oct-2012 18:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47471.d
Lab Smp Id: 460-45509-A-7 MSD Client Smp ID: MW-27
Inj Date : 10-OCT-2012 10:39
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-7 MSD;10
Misc Info : 460-45509-A-7
Comment   :
Method   : /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/8260_09.m
Meth Date : 10-Oct-2012 08:39 delpolit Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 13 QC Sample: MSD
Dil Factor: 10.00000
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	10.00000	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)
179 Freon 152a	51	1.082	1.082	(0.207)	79225	24.1100	240
167 Chlorotrifluoroethene	66	1.115	1.123	(0.213)	20378	27.3440	270(R)
2 Dichlorodifluoromethane	85	1.156	1.139	(0.221)	83128	22.2855	220
176 Chlorodifluoromethane	51	1.164	1.164	(0.223)	108090	24.3654	240
3 Chloromethane	50	1.279	1.279	(0.245)	84536	19.6325	200
4 Vinyl Chloride	62	1.378	1.378	(0.264)	79525	21.4691	210
6 Bromomethane	94	1.633	1.625	(0.312)	45612	22.6926	230
5 Chloroethane	64	1.691	1.691	(0.323)	44894	23.0951	230
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	147652	22.2039	220
7 Trichlorofluoromethane	101	1.905	1.897	(0.364)	117319	24.4844	240
8 n-Pentane	72	1.921	1.921	(0.367)	18883	42.0374	420
11 Ethyl Ether	59	2.111	2.111	(0.404)	62625	22.1033	220
10 Isoprene	67	2.127	2.119	(0.407)	93687	22.4822	220
168 1,2-Dichlorotrifluoroethane	67	2.185	2.185	(0.418)	99944	20.1052	200
178 Freon 123	83	2.251	2.250	(0.430)	101292	21.9283	220
13 Acrolein	56	2.283	2.275	(0.437)	38991	43.6558	440

Data File: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b/b47471.d
Report Date: 10-Oct-2012 18:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14	Freon TF	101	2.300	2.300	(0.440)	63206	21.6516	220
15	1,1-Dichloroethene	96	2.325	2.316	(0.444)	56911	20.3165	200
16	Acetone	43	2.407	2.407	(0.460)	48995	26.0168	260
17	Iodomethane	142	2.456	2.456	(0.470)	109819	17.9604	180
18	Carbon Disulfide	76	2.497	2.489	(0.478)	181991	18.0548	180
170	Cyclopentene	67	2.646	2.645	(0.506)	166808	21.4438	210
27	Methyl Acetate	43	2.662	2.662	(0.509)	107271	20.3024	200
21	Acetonitrile	41	2.720	2.711	(0.520)	319551	497.398	5000
22	Methylene Chloride	84	2.785	2.777	(0.533)	70594	19.3327	190
24	TBA	59	2.884	2.884	(0.552)	208651	436.753	4400
28	MTBE	73	2.958	2.950	(0.566)	203764	20.6185	210
25	trans-1,2-Dichloroethene	96	2.966	2.966	(0.567)	59918	19.0206	190
26	Acrylonitrile	53	3.057	3.057	(0.585)	44474	25.8678	260
29	Hexane	43	3.139	3.139	(0.600)	63190	25.9406	260(R)
32	DIPE	45	3.403	3.394	(0.651)	254232	22.8206	230
30	1,1-Dichloroethane	63	3.403	3.394	(0.651)	132026	20.7515	210
31	Vinyl Acetate	43	3.444	3.444	(0.658)	548281	46.9704	470
34	n-Propanol	42	3.543	3.542	(0.677)	107127	3885.74	39000
35	t-Butyl-ethyl-ether	59	3.757	3.756	(0.718)	230322	20.6578	210
37	2,2-Dichloropropane	77	3.954	3.962	(0.756)	84751	19.0810	190
36	cis-1,2-Dichloroethene	96	3.987	3.987	(0.762)	69211	19.7779	200
38	2-Butanone	72	4.028	4.028	(0.770)	12985	23.6957	240(R)
39	Ethyl Acetate	70	4.053	4.053	(0.775)	19119	43.4493	430
40	Bromochloromethane	128	4.242	4.242	(0.811)	34607	17.7015	180
41	Tetrahydrofuran	42	4.242	4.242	(0.811)	41362	24.4414	240(R)
42	Chloroform	83	4.324	4.324	(0.827)	133422	20.7028	210
44	Cyclohexane	56	4.440	4.440	(0.849)	111945	24.3132	240
43	1,1,1-Trichloroethane	97	4.464	4.464	(0.854)	92372	19.1315	190
45	Carbon Tetrachloride	117	4.604	4.596	(0.880)	88467	18.6826	190
46	1,1-Dichloropropene	75	4.645	4.645	(0.888)	91372	19.6303	200
48	Benzene	78	4.876	4.867	(0.555)	263090	23.2735	230
$ 47	1,2-Dichloroethane-d4 (SUR)	65	4.909	4.900	(0.939)	251617	53.9484	54
50	t-Amyl-methyl-ether	73	4.991	4.983	(0.954)	195223	20.2438	200
49	1,2-Dichloroethane	62	4.991	4.991	(0.954)	129370	21.1365	210
61	Isopropyl Acetate	43	5.016	5.007	(0.959)	550681	44.8972	450
51	n-Heptane	57	5.106	5.098	(0.976)	38924	23.3917	230
* 52	Fluorobenzene	96	5.230	5.230	(1.000)	583720	50.0000	
166	2,4,4-Trimethyl-1-pentene	57	5.518	5.509	(1.055)	296494	39.1825	390
169	1,2-Difluorotetrachloroethane	101	5.518	5.509	(1.055)	70284	20.9470	210
54	Trichloroethene	95	5.658	5.649	(1.082)	67766	19.7697	200
53	n-Butanol	56	5.682	5.682	(1.087)	211129	1643.53	16000
56	Methyl cyclohexane	83	5.798	5.789	(1.109)	91986	22.0288	220
55	Ethyl Acrylate	55	5.863	5.863	(1.121)	126274	21.6855	220
57	1,2-Dichloropropane	63	6.003	5.995	(1.148)	76908	21.4597	210
58	Dibromomethane	93	6.160	6.151	(1.178)	53978	20.3706	200
59	Methyl Methacrylate	100	6.160	6.160	(1.178)	17547	15.6670	160
60	1,4-Dioxane	88	6.160	6.160	(1.178)	10307	178.663	1800

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			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	75	Propyl Acetate	43	6.242	6.242	(1.194)	155310	22.8656	230
	68	Bromodichloromethane	83	6.365	6.365	(1.217)	93455	19.2374	190
	63	Epichlorohydrin	57	6.917	6.917	(0.787)	207225	466.559	4700
	67	cis-1,3-Dichloropropene	75	6.974	6.974	(0.794)	105784	21.6780	220
	70	4-Methyl-2-Pentanone	43	7.180	7.172	(0.817)	111616	25.1330	250(R)
$	65	Toluene-d8 (SUR)	98	7.229	7.221	(0.823)	504661	53.5576	54
	66	Toluene	91	7.304	7.303	(0.831)	255252	21.2987	210
	64	trans-1,3-Dichloropropene	75	7.674	7.674	(0.874)	90152	19.5669	200
	69	1,1,2-Trichloroethane	83	7.863	7.855	(0.895)	60641	22.3176	220
	71	Tetrachloroethene	166	7.880	7.880	(0.897)	58495	17.9547	180
	72	1,3-Dichloropropane	76	8.044	8.036	(0.916)	117135	22.4197	220
	73	2-Hexanone	43	8.118	8.118	(0.924)	73778	23.3654	230
	76	Butyl Acetate	73	8.234	8.225	(0.937)	41328	37.4665	370
	74	Dibromochloromethane	129	8.234	8.225	(0.937)	61230	17.9252	180
	77	1,2-Dibromoethane	107	8.349	8.340	(0.950)	68551	20.5978	200
*	78	Chlorobenzene-d5	117	8.785	8.777	(1.000)	411591	50.0000	
	79	Chlorobenzene	112	8.810	8.810	(1.003)	163231	19.2643	190
	81	Ethylbenzene	106	8.892	8.892	(1.012)	78323	19.3800	190
	80	1,1,1,2-Tetrachloroethane	131	8.908	8.900	(1.014)	55202	17.3861	170
	82	m+p-Xylene	106	9.015	9.007	(1.026)	197483	39.7170	400
	83	Butyl Acrylate	73	9.377	9.377	(1.067)	46696	14.0592	140
	84	o-Xylene	106	9.377	9.377	(1.067)	95081	19.2335	190
	85	Styrene	104	9.402	9.402	(1.070)	162157	16.5062	160
	87	Amyl Acetate	43	9.583	9.575	(0.885)	150124	35.0705	350
	86	Bromoform	173	9.583	9.583	(1.091)	37250	14.3735	140(R)
	88	Isopropylbenzene	105	9.698	9.698	(1.104)	244799	19.3732	190
$	89	Bromofluorobenzene (SUR)	174	9.871	9.871	(0.912)	143303	47.5140	48
	91	Bromobenzene	156	9.986	9.986	(0.922)	60881	19.0652	190
	92	1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	97474	24.6734	250(R)
	95	n-Propylbenzene	91	10.052	10.052	(0.929)	300140	23.3937	230
	93	1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	28424	23.6298	240(R)
	94	trans-1,4-Dichloro-2-butene	53	10.085	10.085	(0.932)	18096	15.5552	160
	96	2-Chlorotoluene	91	10.143	10.143	(0.937)	213234	22.8439	230
	97	1,3,5-Trimethylbenzene	105	10.209	10.209	(0.943)	197424	21.8525	220
	98	4-Chlorotoluene	91	10.242	10.241	(0.946)	199986	23.3035	230
	99	Butyl Methacrylate	87	10.299	10.291	(0.951)	65629	17.5615	180
	100	tert-Butylbenzene	119	10.464	10.464	(0.967)	158160	21.1812	210
	101	1,2,4-Trimethylbenzene	105	10.521	10.521	(0.972)	199570	19.2657	190
	103	sec-Butylbenzene	105	10.645	10.645	(0.983)	254869	22.9853	230
	107	p-Isopropyltoluene	119	10.768	10.760	(0.995)	199739	18.9030	190
	105	1,3-Dichlorobenzene	146	10.768	10.768	(0.995)	111340	19.2642	190
*	108	1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	190557	50.0000	
	109	1,4-Dichlorobenzene	146	10.851	10.842	(1.002)	115634	19.0144	190
	110	Benzyl Chloride	91	10.966	10.966	(1.013)	118169	15.1581	150
	171	Indan	117	11.023	11.023	(2.108)	194832	12.8335	130(R)
	106	n-Butylbenzene	91	11.089	11.089	(1.024)	245019	22.6586	230
	111	1,2-Dichlorobenzene	146	11.147	11.147	(1.030)	109559	18.8556	190

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	112 1,2-Dibromo-3-chloropropane	75	11.772	11.772	(1.087)	16818	19.7576	200
	114 1,2,4-Trichlorobenzene	180	12.381	12.381	(1.144)	68866	16.1729	160
	115 Hexachlorobutadiene	225	12.472	12.472	(1.152)	23859	14.1532	140
	116 Naphthalene	128	12.603	12.595	(1.164)	214066	16.4989	160
	117 1,2,3-Trichlorobenzene	180	12.809	12.809	(1.183)	65936	15.9237	160
M	120 1,2-Dichloroethene (Total)	100				129130	38.7985	390
M	121 Xylene (Total)	100				292565	58.9505	590

QC Flag Legend

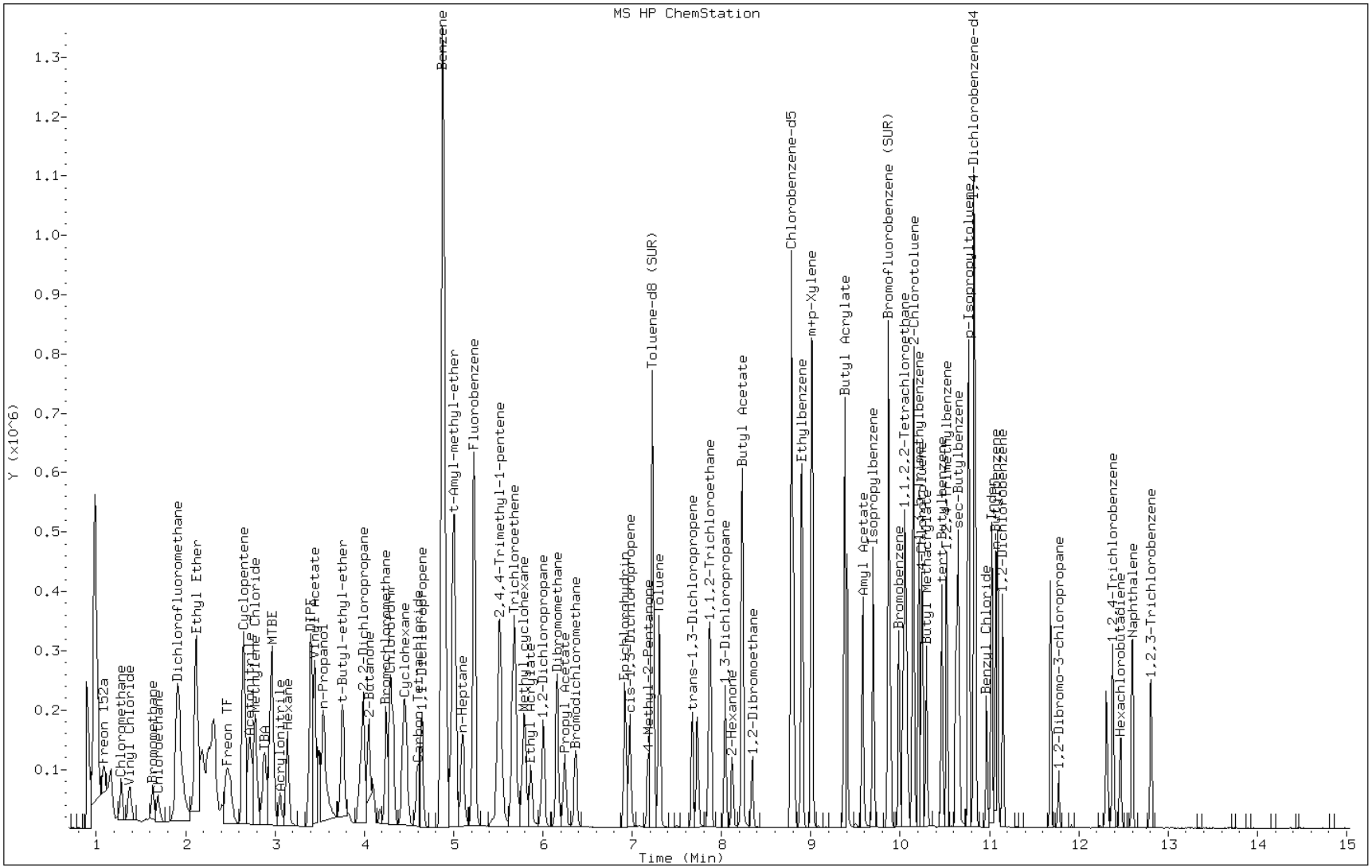
R - Spike/Surrogate failed recovery limits.

Data File: b47471.d

Date: 10-OCT-2012 10:39

Client ID: MW-27 Instrument: VOAMS2.i

Sample Info: 460-45509-A-7 MSD;10 Operator: VOA GC/MS2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 MSD Lab Sample ID: 460-45509-8 MSD

Matrix: Water Lab File ID: b47447.d

Analysis Method: 8260B Date Collected: 10/04/2012 14:05

Sample wt/vol: 5(mL) Date Analyzed: 10/10/2012 00:49

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.: 131290 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	20.8		1.0	0.18
67-64-1	Acetone	41.7		10	2.7
79-01-6	Trichloroethene	21.3		1.0	0.090
71-43-2	Benzene	25.0		1.0	0.080
108-88-3	Toluene	23.6		1.0	0.15
100-41-4	Ethylbenzene	22.0		1.0	0.10
1330-20-7	Xylenes, Total	65.2		3.0	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47447.d
Report Date: 10-Oct-2012 05:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47447.d
Lab Smp Id: 460-45509-A-8 MSD Client Smp ID: MW-35
Inj Date : 10-OCT-2012 00:49
Operator : VOA GC/MS2 Inst ID: VOAMS2.i
Smp Info : 460-45509-A-8 MSD
Misc Info : 460-45509-A-8 MSD
Comment   :
Method   : /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/8260_09.m
Meth Date : 09-Oct-2012 20:12 martinez Quant Type: ISTD
Cal Date : 04-OCT-2012 23:55 Cal File: b47238.d
Als bottle: 9 QC Sample: MSD
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)
179 Freon 152a	51	1.074	1.074	(0.206)	192	0.05804	0.058
167 Chlorotrifluoroethene	66	1.148	1.156	(0.220)	3551	4.70927	4.7(R)
2 Dichlorodifluoromethane	85	1.148	1.148	(0.220)	67455	17.8697	18
176 Chlorodifluoromethane	51	1.164	1.156	(0.223)	381	0.08496	0.085
3 Chloromethane	50	1.279	1.271	(0.245)	90994	20.8818	21
4 Vinyl Chloride	62	1.378	1.370	(0.264)	83863	22.3719	22
6 Bromomethane	94	1.625	1.625	(0.311)	39687	19.5111	20
5 Chloroethane	64	1.683	1.683	(0.322)	41837	21.2675	21
183 Dichlorofluoromethane	67	1.897	1.897	(0.363)	148862	22.1208	22
7 Trichlorofluoromethane	101	1.905	1.897	(0.365)	111703	23.0363	23
8 n-Pentane	72	1.921	1.921	(0.368)	16028	35.2589	35
11 Ethyl Ether	59	2.111	2.102	(0.404)	67867	23.6697	24
10 Isoprene	67	2.119	2.119	(0.406)	85364	20.2424	20
168 1,2-Dichlorotrifluoroethane	67	2.119	2.119	(0.406)	85364	16.9689	17
178 Freon 123	83	2.004	2.045	(0.384)	132	0.02841	0.028
13 Acrolein	56	2.275	2.275	(0.436)	6470	7.15828	7.2

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	14 Freon TF	101	2.300	2.292	(0.440)	62516	21.1617	21
	15 1,1-Dichloroethene	96	2.316	2.316	(0.444)	59058	20.8333	21
	16 Acetone	43	2.407	2.407	(0.461)	78940	41.7328	42(R)
	17 Iodomethane	142	2.456	2.448	(0.470)	115490	18.6643	19
	18 Carbon Disulfide	76	2.497	2.489	(0.478)	176284	17.2814	17
	170 Cyclopentene	67	2.646	2.645	(0.507)	164958	20.9548	21
	27 Methyl Acetate	43	2.662	2.654	(0.510)	114759	21.4623	21
	21 Acetonitrile	41	2.711	2.711	(0.519)	307935	473.639	470
	22 Methylene Chloride	84	2.777	2.777	(0.532)	76966	20.8279	21
	24 TBA	59	2.884	2.876	(0.552)	229134	473.949	470(R)
	28 MTBE	73	2.958	2.950	(0.567)	225725	22.5702	22
	25 trans-1,2-Dichloroethene	96	2.967	2.966	(0.568)	65818	20.6460	21
	26 Acrylonitrile	53	3.057	3.049	(0.585)	1949	1.12048	1.1(aR)
	29 Hexane	43	3.139	3.131	(0.601)	66055	26.7954	27(R)
	32 DIPE	45	3.394	3.394	(0.650)	279958	24.8322	25
	30 1,1-Dichloroethane	63	3.403	3.394	(0.652)	145043	22.5273	22
	31 Vinyl Acetate	43	3.444	3.436	(0.660)	500264	48.7573	49
	34 n-Propanol	42	3.543	3.534	(0.678)	134159	4808.61	4800(R)
	35 t-Butyl-ethyl-ether	59	3.757	3.748	(0.719)	255472	22.6421	23
	37 2,2-Dichloropropane	77	3.954	3.954	(0.757)	100899	22.4475	22
	36 cis-1,2-Dichloroethene	96	3.987	3.979	(0.764)	75667	21.3667	21
	38 2-Butanone	72	4.028	4.020	(0.771)	13825	24.9303	25(R)
	39 Ethyl Acetate	70	4.053	4.045	(0.776)	21538	48.3660	48(R)
	40 Bromochloromethane	128	4.242	4.234	(0.812)	39163	19.7945	20
	41 Tetrahydrofuran	42	4.242	4.234	(0.812)	46751	27.2984	27(R)
	42 Chloroform	83	4.316	4.316	(0.827)	147568	22.6267	23
	44 Cyclohexane	56	4.440	4.431	(0.850)	118123	25.3509	25
	43 1,1,1-Trichloroethane	97	4.464	4.456	(0.855)	100519	20.5723	20
	45 Carbon Tetrachloride	117	4.596	4.596	(0.880)	94381	19.6954	20
	46 1,1-Dichloropropene	75	4.645	4.637	(0.890)	99838	21.1951	21
	48 Benzene	78	4.868	4.859	(0.555)	284497	25.0373	25(R)
$	47 1,2-Dichloroethane-d4 (SUR)	65	4.901	4.892	(0.939)	260850	55.2658	55
	50 t-Amyl-methyl-ether	73	4.983	4.983	(0.954)	216034	22.1365	22
	49 1,2-Dichloroethane	62	4.991	4.983	(0.956)	141731	22.8818	23
	61 Isopropyl Acetate	43	5.008	5.007	(0.959)	620695	50.0061	50(R)
	51 n-Heptane	57	5.098	5.090	(0.976)	42212	25.0676	25(R)
*	52 Fluorobenzene	96	5.221	5.221	(1.000)	590717	50.0000	
	166 2,4,4-Trimethyl-1-pentene	57	5.510	5.501	(1.055)	303995	39.6980	40
	54 Trichloroethene	95	5.649	5.641	(1.082)	74054	21.3482	21
	53 n-Butanol	56	5.682	5.674	(1.088)	266717	2051.66	2000(R)
	56 Methyl cyclohexane	83	5.789	5.781	(1.109)	98667	23.3489	23
	55 Ethyl Acrylate	55	5.855	5.855	(1.121)	140293	23.8077	24(R)
	57 1,2-Dichloropropane	63	6.003	5.995	(1.150)	85787	23.6536	24
	58 Dibromomethane	93	6.151	6.143	(1.178)	58084	21.6603	22
	59 Methyl Methacrylate	100	6.151	6.151	(1.178)	18922	16.6952	17
	60 1,4-Dioxane	88	6.151	6.151	(1.178)	9939	171.882	170
	75 Propyl Acetate	43	6.242	6.234	(1.195)	178241	25.9308	26(R)

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47447.d
Report Date: 10-Oct-2012 05:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	68 Bromodichloromethane	83	6.365	6.357	(1.219)	101945	20.7363	21
	63 Epichlorohydrin	57	6.917	6.908	(0.788)	210124	470.643	470
	67 cis-1,3-Dichloropropene	75	6.966	6.966	(0.794)	120419	24.5495	24(R)
	70 4-Methyl-2-Pentanone	43	7.172	7.172	(0.817)	129044	28.9075	29(R)
$	65 Toluene-d8 (SUR)	98	7.221	7.221	(0.823)	529992	55.9555	56
	66 Toluene	91	7.295	7.295	(0.831)	284219	23.5933	24
	64 trans-1,3-Dichloropropene	75	7.666	7.666	(0.873)	104800	22.6286	23
	69 1,1,2-Trichloroethane	83	7.855	7.855	(0.895)	66883	24.4877	24(R)
	71 Tetrachloroethene	166	7.871	7.871	(0.897)	64951	19.8335	20
	72 1,3-Dichloropropane	76	8.036	8.036	(0.916)	130244	24.8001	25(R)
	73 2-Hexanone	43	8.118	8.110	(0.925)	86526	27.2612	27(R)
	76 Butyl Acetate	73	8.225	8.225	(0.937)	46757	42.1689	42
	74 Dibromochloromethane	129	8.225	8.225	(0.937)	67327	19.6083	20
	77 1,2-Dibromoethane	107	8.341	8.340	(0.950)	75648	22.6127	23
*	78 Chlorobenzene-d5	117	8.777	8.777	(1.000)	413728	50.0000	
	79 Chlorobenzene	112	8.801	8.801	(1.003)	182226	21.3950	21
	81 Ethylbenzene	106	8.892	8.892	(1.013)	89442	22.0172	22
	80 1,1,1,2-Tetrachloroethane	131	8.900	8.900	(1.014)	60805	19.0520	19
	82 m+p-Xylene	106	9.007	9.007	(1.026)	219887	43.9944	44
	83 Butyl Acrylate	73	9.377	9.369	(1.068)	53149	15.9214	16
	84 o-Xylene	106	9.369	9.369	(1.067)	105557	21.2425	21
	85 Styrene	104	9.402	9.402	(1.071)	168423	17.0555	17
	87 Amyl Acetate	43	9.575	9.575	(0.884)	170696	39.4676	39(R)
	86 Bromoform	173	9.583	9.583	(1.092)	39269	15.0741	15
	88 Isopropylbenzene	105	9.690	9.690	(1.104)	276557	21.7734	22
$	89 Bromofluorobenzene (SUR)	174	9.863	9.863	(0.911)	151438	49.6968	50
	91 Bromobenzene	156	9.986	9.978	(0.922)	68243	21.1514	21
	92 1,1,2,2-Tetrachloroethane	83	10.028	10.028	(0.926)	107470	26.9249	27(R)
	95 n-Propylbenzene	91	10.052	10.044	(0.929)	337124	26.0070	26(R)
	93 1,2,3-Trichloropropane	110	10.069	10.069	(0.930)	30268	24.9042	25(R)
	94 trans-1,4-Dichloro-2-butene	53	10.085	10.077	(0.932)	27767	23.6238	24
	96 2-Chlorotoluene	91	10.143	10.143	(0.937)	242406	25.7029	26(R)
	97 1,3,5-Trimethylbenzene	105	10.209	10.200	(0.943)	219947	24.0960	24(R)
	98 4-Chlorotoluene	91	10.242	10.241	(0.946)	221141	25.5044	26
	99 Butyl Methacrylate	87	10.291	10.291	(0.951)	69895	18.5111	18
	100 tert-Butylbenzene	119	10.464	10.464	(0.967)	178592	23.6723	24(R)
	101 1,2,4-Trimethylbenzene	105	10.513	10.513	(0.971)	218271	20.8551	21
	103 sec-Butylbenzene	105	10.645	10.645	(0.983)	286820	25.6016	26(R)
	107 p-Isopropyltoluene	119	10.760	10.760	(0.994)	224306	21.0104	21
	105 1,3-Dichlorobenzene	146	10.768	10.760	(0.995)	126598	21.6795	22
*	108 1,4-Dichlorobenzene-d4	152	10.826	10.826	(1.000)	192531	50.0000	
	109 1,4-Dichlorobenzene	146	10.842	10.842	(1.002)	129489	21.0743	21
	110 Benzyl Chloride	91	10.966	10.966	(1.013)	142846	18.1356	18
	171 Indan	117	11.023	11.023	(2.111)	216505	14.0921	14
	106 n-Butylbenzene	91	11.089	11.081	(1.024)	283655	25.9627	26
	111 1,2-Dichlorobenzene	146	11.147	11.139	(1.030)	123527	21.0417	21
	112 1,2-Dibromo-3-chloropropane	75	11.772	11.764	(1.087)	19120	22.2310	22

Data File: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b/b47447.d
Report Date: 10-Oct-2012 05:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
114	1,2,4-Trichlorobenzene	180	12.373	12.373	(1.143)	79173	18.4028	18
115	Hexachlorobutadiene	225	12.464	12.463	(1.151)	26858	15.7690	16
116	Naphthalene	128	12.595	12.595	(1.163)	248834	18.9820	19
117	1,2,3-Trichlorobenzene	180	12.801	12.801	(1.182)	74960	17.9173	18
M 120	1,2-Dichloroethene (Total)	100				141486	42.0127	42
M 121	Xylene (Total)	100				325445	65.2368	65

QC Flag Legend

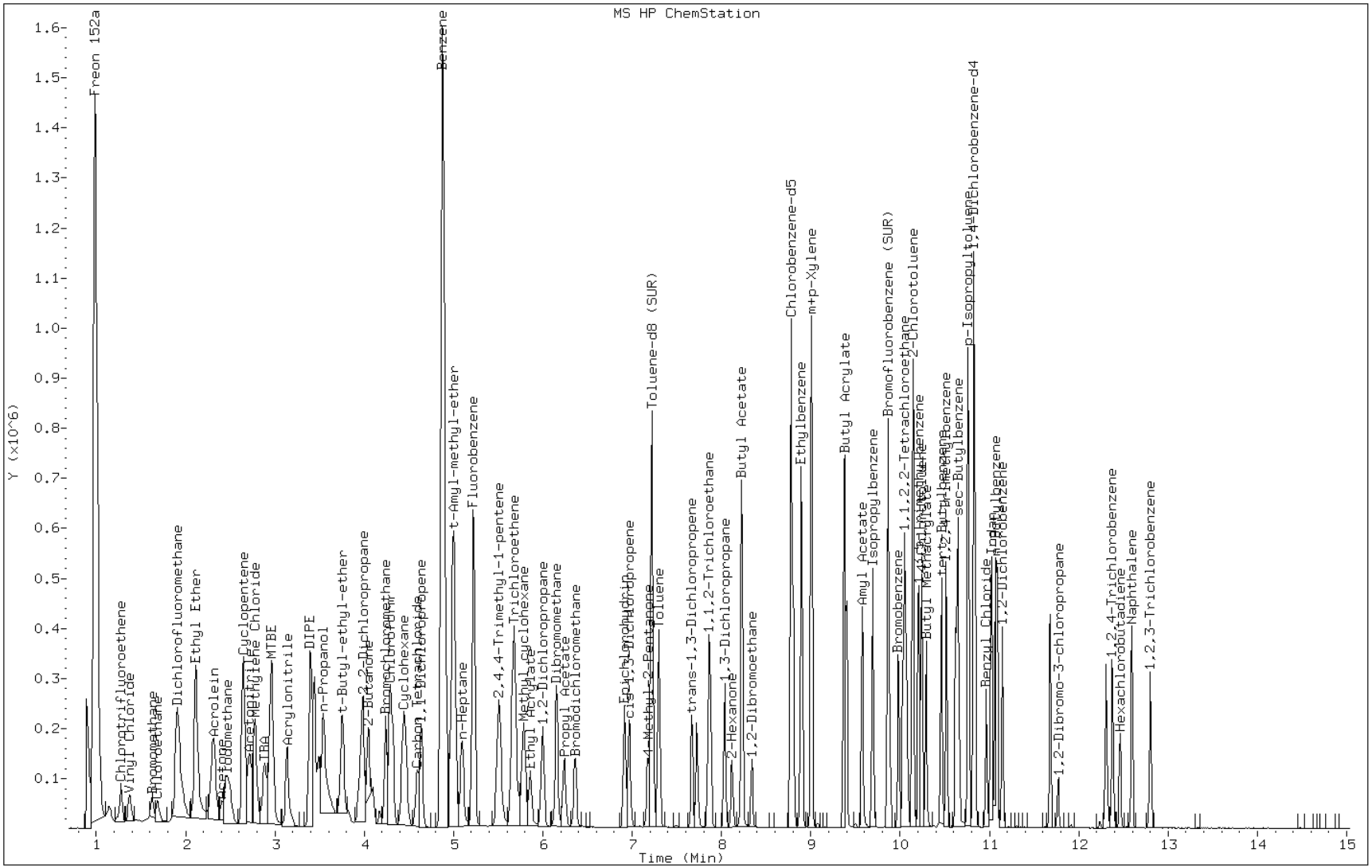
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: b47447.d

Date: 10-OCT-2012 00:49

Client ID: MW-35 Instrument: VOAMS2.i

Sample Info: 460-45509-A-8 MSD Operator: VOA GC/MS2



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 10/04/2012 20:29

Analysis Batch Number: 130677 End Date: 10/05/2012 06:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-130677/1		10/04/2012 20:29	1	b47229.d	Rtx-624 0.25(mm)
IC 460-130677/2		10/04/2012 21:42	1	b47232.d	Rtx-624 0.25(mm)
IC 460-130677/3		10/04/2012 22:27	1	b47234.d	Rtx-624 0.25(mm)
ICIS 460-130677/4		10/04/2012 22:49	1	b47235.d	Rtx-624 0.25(mm)
IC 460-130677/5		10/04/2012 23:11	1	b47236.d	Rtx-624 0.25(mm)
IC 460-130677/6		10/04/2012 23:33	1	b47237.d	Rtx-624 0.25(mm)
IC 460-130677/7		10/04/2012 23:55	1	b47238.d	Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 01:36	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 01:58	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 03:04	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 03:26	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 03:49	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 04:11	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 04:33	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 04:55	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 05:17	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 05:39	2		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 06:01	1		Rtx-624 0.25(mm)
ZZZZZ		10/05/2012 06:23	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 10/09/2012 19:18

Analysis Batch Number: 131290 End Date: 10/10/2012 04:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-131290/1		10/09/2012 19:18	1	b47438.d	Rtx-624 0.25(mm)
CCVIS 460-131290/2		10/09/2012 19:42	1	b47439.d	Rtx-624 0.25(mm)
LCS 460-131290/3		10/09/2012 20:04	1	b47440.d	Rtx-624 0.25(mm)
MB 460-131290/4		10/09/2012 23:20	1	b47443.d	Rtx-624 0.25(mm)
ZZZZZ		10/09/2012 23:42	1		Rtx-624 0.25(mm)
460-45509-8	MW-35	10/10/2012 00:05	1	b47445.d	Rtx-624 0.25(mm)
460-45509-8 MS	MW-35 MS	10/10/2012 00:27	1	b47446.d	Rtx-624 0.25(mm)
460-45509-8 MSD	MW-35 MSD	10/10/2012 00:49	1	b47447.d	Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 01:11	5		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 01:33	5		Rtx-624 0.25(mm)
460-45509-1	TRIP BLANK 100412	10/10/2012 02:40	1	b47452.d	Rtx-624 0.25(mm)
460-45509-2	BD-01-100412	10/10/2012 03:02	1	b47453.d	Rtx-624 0.25(mm)
460-45509-3	MW-30	10/10/2012 03:24	1	b47454.d	Rtx-624 0.25(mm)
460-45509-4	MW-28	10/10/2012 03:46	1	b47455.d	Rtx-624 0.25(mm)
460-45509-5	MW-8SR	10/10/2012 04:08	1	b47456.d	Rtx-624 0.25(mm)
460-45509-6	MW-3S	10/10/2012 04:30	1	b47457.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Instrument ID: VOAMS2 Start Date: 10/10/2012 04:53

Analysis Batch Number: 131374 End Date: 10/10/2012 16:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-131374/1		10/10/2012 04:53	1	b47458.d	Rtx-624 0.25(mm)
CCVIS 460-131374/2		10/10/2012 05:15	1	b47459.d	Rtx-624 0.25(mm)
LCS 460-131374/3		10/10/2012 06:18	1	b47460.d	Rtx-624 0.25(mm)
MB 460-131374/4		10/10/2012 07:41	1	b47463.d	Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 08:03	1		Rtx-624 0.25(mm)
460-45509-7	MW-27	10/10/2012 08:25	1	b47465.d	Rtx-624 0.25(mm)
460-45509-9	MW-34	10/10/2012 08:47	1	b47466.d	Rtx-624 0.25(mm)
460-45509-10	TW-01	10/10/2012 09:10	1	b47467.d	Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 09:32	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 09:55	1		Rtx-624 0.25(mm)
460-45509-7 MS	MW-27 MS	10/10/2012 10:17	10	b47470.d	Rtx-624 0.25(mm)
460-45509-7 MSD	MW-27 MSD	10/10/2012 10:39	10	b47471.d	Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 11:45	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 12:07	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 12:30	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 12:52	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 13:14	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 13:36	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 13:58	1		Rtx-624 0.25(mm)
ZZZZZ		10/10/2012 16:33	5		Rtx-624 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS2.i

Analytical Batch: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b

Date Generated: 10/05/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/04/12 2029	b47229.d	2	BFB		0	0	1	all		8260 HIGH	G
10/04/12 2058	b47230.d	1	IC-VMCAL0.5		5	0	1	all		8260 IS: 1688246 SURR 500:	For Rep method
10/04/12 2120	b47231.d	2	IC-VMCAL0.5		5	0	1	all		SURR 250: 1668271 GAS 500: 1765944	J,
10/04/12 2142	b47232.d	3	IC-VMCAL1		5	0	1	all		MIX 1 500: 1763789 MIX 2 500: 1763802	G
10/04/12 2205	b47233.d	4	IC-VMCAL1		5	0	1	all		MIX 3: 1763791 AC/AC: 1763790	Not used
10/04/12 2227	b47234.d	5	IC-VMCAL2		5	0	1	all		GAS SP: 1760712	G
10/04/12 2249	b47235.d	6	ICIS-VMCAL3		5	0	1	all		IW Std 8260 SP: 1763803 MIX 3 SP: 1763796	G
10/04/12 2311	b47236.d	7	IC-VMCAL4		5	0	1	all		AC/AC SP: 1763795 MISC: BP3	G
10/04/12 2333	b47237.d	8	IC-VMCAL5		5	0	1	all		1606918 MeOH 123279 1763792	G
10/04/12 2355	b47238.d	9	IC-VMCAL6		5	0	1	all		1763800	G
10/05/12 0017	b47239.d	10	BLANK		5	0	1	all		IW Std. 1749673 1749672	cleanup
10/05/12 0039	b47240.d	11	BLANK		5	0	1	all		1770839 1763793	"
10/05/12 0102	b47241.d	12	BLANK		5	0	1	all			"
10/05/12 0136	b47242.d	3	ICV		5	0	1	all			G

Dilution: 2x. 25 mL → 50 mL F.V.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS2.i

Analytical Batch: /chem/VOAMS2.i/8260_09/10-04-12/04oct12a.b

Date Generated: 10/05/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/05/12 0158	b47243.d	4	LCS		5	0	1	all			G
10/05/12 0220	b47244.d	5	MB		5	0	1	all			NG.c/o
10/05/12 0242	b47245.d	6	MB		5	0	1	all			↓
10/05/12 0304	b47246.d	7	MB		5	0	1	all			G
10/05/12 0326	b47247.d	8	460-45018-J-7	20120924TB1	5	0	1	all	12		G
10/05/12 0349	b47248.d	9	460-45018-J-2	20120924MW-04V08N	5	0	1	all	12		G
10/05/12 0411	b47249.d	10	460-45018-J-3	20120924MW-04V08FD	5	0	1	all	12		G
10/05/12 0433	b47250.d	11	460-45018-J-4	20120924MW-03V09N	5	0	1	all	12		G
10/05/12 0455	b47251.d	12	460-45018-J-6	20120924MW-06V13N	5	0	1	all	12		G
10/05/12 0517	b47252.d	13	460-45018-J-1	20120924MW-07RV15N	5	0	1	all	12		G
10/05/12 0539	b47253.d	14	460-45018-J-5	20120924MW-02V10N	5	0	2	all	12		G
10/05/12 0601	b47254.d	15	460-45018-I-4 MS	20120924MW-03V09N	5	0	1	all	12		G
10/05/12 0623	b47255.d	16	460-45018-F-4 MSD	20120924MW-03V09N	5	0	1	all	12		G
10/05/12 0648	b47256.d	17	blank		5	0	1	all			cleanup

Signed: Samarth Desai for Kenny 10/05/12 Read and Understood by: Samarth Desai 10/05/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS2.i

Analytical Batch: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b

Date Generated: 10/10/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/09/12 1918	b47438.d	2	BFB		0	0	1	all			C
10/09/12 1942	b47439.d	1	CCVIS		5	0	1	all		8260 HIGH	C
10/09/12 2004	b47440.d	1	LCS		5	0	1	all		8260 IS: 1688246	C
10/09/12 2236	b47441.d	2	MB		5	0	1	all		SURR 500: SURR 250: 1688271	C
10/09/12 2258	b47442.d	4	MB		5	0	1	all		GAS 500: 175841	NC
10/09/12 2320	b47443.d	5	MB		5	0	1	all		MIX 1 500: 1763789	NC
10/09/12 2342	b47444.d	6	460-45446-A-1	TRIP BLANK(VOC) 10/	5	0	1	all		MIX 2 500: 1763802	C
10/10/12 0005	b47445.d	7	460-45509-A-8	MW-35	5	0	1	all	L2	MIX 3: 1763791	C
10/10/12 0027	b47446.d	8	460-45509-A-8 MS	MW-35	5	0	1	all	L2	AC/AC: 1763790	C
10/10/12 0049	b47447.d	9	460-45509-A-8 MSD	MW-35	5	0	1	all	L2	GAS SP: 175849	C
10/10/12 0111	b47448.d	10	460-45510-B-10 MS	3921-SB-(GW)-02	5	0	5	all	L2	8260 SP: 1763803	C
10/10/12 0133	b47449.d	11	460-45510-B-10 MSD	3921-SB-(GW)-02	5	0	5	all	L2	MIX 3 SP: 1763796	C
10/10/12 0155	b47450.d	12	BLANK		5	0	1	all	L2	AC/AC SP: 1763795	C
10/10/12 0218	b47451.d	13	BLANK		5	0	1	all		MISC: 1763792	NC
									L2	1763800	C
									L2	meOH	C
									L2	123279	C
											NC
											NC

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS2.i

Analytical Batch: /chem/VOAMS2.i/8260_09/10-04-12/09oct12a.b

Date Generated: 10/10/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/10/12 0240	b47452.d	14	460-45509-A-1	TRIP BLANK 100412	5	0	1	all	12		G
10/10/12 0302	b47453.d	15	460-45509-A-2	BD-01-100412	5	0	1	all	12		G
10/10/12 0324	b47454.d	16	460-45509-A-3	MW-30	5	0	1	all	12		G
10/10/12 0346	b47455.d	17	460-45509-A-4	MW-28	5	0	1	all	12		G
10/10/12 0408	b47456.d	18	460-45509-A-5	MW-8SR	5	0	1	all	12		G
10/10/12 0430	b47457.d	19	460-45509-A-6	MW-3S	5	0	1	all	12		G

Signed: Eddie Martinez Read and Understood by: Vito Del Pallio

Date: 10/10/12 Date: 10/10/12

Dilutions: 5x → 10mL into 50mL

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS2.i

Analytical Batch: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b

Date Generated: 10/10/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/10/12 0453	b47458.d	2	BFB		0	0	1	all		8260 HIGH	G
10/10/12 0515	b47459.d	1	CCVIS		5	0	1	all		8260 IS: 1688246 SURR 500: SURR 250: 1688271 GAS 500: 1775841 MIX 1 500: 1763789 MIX 2 500: 1763802 MIX 3: 1763791 AC/AC: 1763790 GAS SP: 1775849 8260 SP: 1763803 MIX 3 SP: 1763796 AC/AC SP: 1763795 MISC: 1,4-Dio. 1763782 1763800 DFB: 1606418 Mod: 123679	G
10/10/12 0618	b47460.d	2	LCS		5	0	1	all			G
10/10/12 0656	b47461.d	3	MB		5	0	1	all			NG clean up
10/10/12 0719	b47462.d	4	MB		5	0	1	all			NG clean up
10/10/12 0741	b47463.d	5	MB		5	0	1	all			G
10/10/12 0803	b47464.d	6	460-45327-A-12	TBGW_100212	5	0	1	all	LJ		G
10/10/12 0825	b47465.d	7	460-45509-A-7	MW-27	5	0	1	all	LJ		G
10/10/12 0847	b47466.d	8	460-45509-A-9	MW-34	5	0	1	all	LJ		G
10/10/12 0910	b47467.d	9	460-45509-A-10	TW-01	5	0	1	all	LJ		G
10/10/12 0932	b47468.d	10	460-45446-D-4	MW-23I	5	0	1	all	LJ		G
10/10/12 0955	b47469.d	11	460-45446-D-3	MW-23S	5	0	1	all	LJ		G
10/10/12 1017	b47470.d	12	460-45509-A-7 MS	MW-27	5	0	10	all	LJ		G
10/10/12 1039	b47471.d	13	460-45509-A-7 MSD	MW-27	5	0	10	all	LJ		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS2.i

Analytical Batch: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b

Date Generated: 10/10/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/10/12 1101	b47472.d	14	BLANK		5	0	1	all			NH clean up
10/10/12 1123	b47473.d	15	BLANK		5	0	1	all			NH clean up
10/10/12 1145	b47474.d	16	460-45509-B-8	MW-35	5	0	1	all	L1		G
10/10/12 1207	b47475.d	17	460-45327-A-7	BG-1	5	0	1	all	L1		G
10/10/12 1230	b47476.d	18	460-45327-A-8	C-4D	5	0	1	all	L1		G
10/10/12 1252	b47477.d	19	460-45327-A-9	C-20D	5	0	1	all	L1		G
10/10/12 1314	b47478.d	20	460-45327-A-10	DGC-11D	5	0	1	all	L1		G
10/10/12 1336	b47479.d	21	460-45327-A-11	DGC-11S	5	0	1	all	L1		G
10/10/12 1358	b47480.d	22	460-45327-A-1	C-2D	5	0	1	all	L1		G
10/10/12 1420	b47481.d	23	460-45498-B-1		5	0	2	all	7		NH RR 1x
10/10/12 1443	b47482.d	24	BLANK		5	0	1	all			NH clean up
10/10/12 1505	b47483.d	25	460-45327-A-2	C-18D	5	0	5	all	L1		NH RR 2x
10/10/12 1527	b47484.d	26	460-45327-A-3	C-30	5	0	2	all	L1		NH RR 1x
10/10/12 1549	b47485.d	27	460-45327-A-4	C-19D	5	0	2	all	L1		NH RR 1x

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS2.i

Analytical Batch: /chem/VOAMS2.i/8260_09/10-04-12/10oct12.b

Date Generated: 10/10/2012

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/10/12 1611	b47486.d	28	460-45327-A-5	C-19DFD	5	0	2	all	4		NM PR 1x
10/10/12 1633	b47487.d	29	460-45327-A-6	B-4DR	5	0	5	all	4		4

Signed: Eddie Martin for AT Read and Understood by: Ken Boyd

Date: 10/10/12 Date: 10/10/12

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

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 #
BD-01-100412	460-45509-2	39	22	88	81	75	82
MW-30	460-45509-3	40	24	77	72	70	77
MW-28	460-45509-4	34	18	76	75	70	71
MW-8SR	460-45509-5	37	19	83	78	71	75
MW-3S	460-45509-6	36	21	81	76	67	77
MW-27	460-45509-7	34	18	78	77	65	67
MW-35	460-45509-8	36	21	77	70	70	77
MW-34	460-45509-9	31	16	76	75	54	70
TW-01	460-45509-10	32	17	74	71	66	73
	MB 460-131181/1-A	44	27	87	76	73	83
	LCS 460-131181/2-A	48	28	88	85	87	82
MW-35 MS	460-45509-8 MS	37	21	81	79	80	73
MW-35 MSD	460-45509-8 MSD	36	20	81	79	77	72

	QC 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

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x30879.d

Lab ID: LCS 460-131181/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aniline	100	67.6	68	39-89	
n,n'-Dimethylaniline	100	86.3	86	58-96	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x30882.d

Lab ID: 460-45509-8 MS Client ID: MW-35 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Aniline	100	1.8 U	52.6	53	39-89	
n,n'-Dimethylaniline	100	0.21 U	77.2	77	58-96	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x30883.d

Lab ID: 460-45509-8 MSD Client ID: MW-35 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aniline	100	57.6	58	9	30	39-89	
n,n'-Dimethylaniline	100	81.3	81	5	30	58-96	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: x30880.d Lab Sample ID: MB 460-131181/1-A

Matrix: Water Date Extracted: 10/09/2012 10:26

Instrument ID: BNAMS5 Date Analyzed: 10/10/2012 16:31

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-131181/2-A	x30879.d	10/10/2012 16:06
MW-35	460-45509-8	x30881.d	10/10/2012 16:56
MW-35 MS	460-45509-8 MS	x30882.d	10/10/2012 17:21
MW-35 MSD	460-45509-8 MSD	x30883.d	10/10/2012 17:46
BD-01-100412	460-45509-2	x30885.d	10/10/2012 18:37
MW-30	460-45509-3	x30886.d	10/10/2012 19:02
MW-28	460-45509-4	x30887.d	10/10/2012 19:27
MW-8SR	460-45509-5	x30888.d	10/10/2012 19:52
MW-3S	460-45509-6	x30889.d	10/10/2012 20:18
MW-27	460-45509-7	x30890.d	10/10/2012 20:43
MW-34	460-45509-9	x30891.d	10/10/2012 21:09
TW-01	460-45509-10	x30892.d	10/10/2012 21:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: x30842.d DFTPP Injection Date: 10/09/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 14:40

Analysis Batch No.: 131301

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	39.7	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	41.8	
70	Less than 2.0 % of mass 69	0.3	(0.8)1
127	40.0 - 60.0 % of mass 198	53.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	27.6	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	9.6	(79.8)1
442	Greater than 40.0 % of mass 198	62.7	
443	17.0 - 23.0 % of mass 442	12.0	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-131301/2	x30843.d	10/09/2012	14:54
	IC 460-131301/3	x30844.d	10/09/2012	15:19
	IC 460-131301/4	x30845.d	10/09/2012	15:44
	IC 460-131301/5	x30846.d	10/09/2012	16:09
	IC 460-131301/6	x30847.d	10/09/2012	16:34
	IC 460-131301/7	x30848.d	10/09/2012	17:00

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab File ID: x30877.d DFTPP Injection Date: 10/10/2012

Instrument ID: BNAMS5 DFTPP Injection Time: 15:20

Analysis Batch No.: 131557

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.4	
68	Less than 2.0 % of mass 69	0.8	(1.8)1
69	Mass 69 relative abundance	42.8	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	54.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.1	
275	10.0 - 30.0 % of mass 198	26.8	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	9.2	(85.8)1
442	Greater than 40.0 % of mass 198	59.2	
443	17.0 - 23.0 % of mass 442	10.7	(18.0)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 460-131557/2	x30878.d	10/10/2012	15:34
	LCS 460-131181/2-A	x30879.d	10/10/2012	16:06
	MB 460-131181/1-A	x30880.d	10/10/2012	16:31
MW-35	460-45509-8	x30881.d	10/10/2012	16:56
MW-35 MS	460-45509-8 MS	x30882.d	10/10/2012	17:21
MW-35 MSD	460-45509-8 MSD	x30883.d	10/10/2012	17:46
BD-01-100412	460-45509-2	x30885.d	10/10/2012	18:37
MW-30	460-45509-3	x30886.d	10/10/2012	19:02
MW-28	460-45509-4	x30887.d	10/10/2012	19:27
MW-8SR	460-45509-5	x30888.d	10/10/2012	19:52
MW-3S	460-45509-6	x30889.d	10/10/2012	20:18
MW-27	460-45509-7	x30890.d	10/10/2012	20:43
MW-34	460-45509-9	x30891.d	10/10/2012	21:09
TW-01	460-45509-10	x30892.d	10/10/2012	21:34

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Sample No.: CCVIS 460-131557/2 Date Analyzed: 10/10/2012 15:34

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x30878.d Heated Purge: (Y/N) N

Calibration ID: 17999

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		894756	3.76	3111279	5.05	1269868	6.79
UPPER LIMIT		1789512	4.26	6222558	5.55	2539736	7.29
LOWER LIMIT		447378	3.26	1555640	4.55	634934	6.29
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-131181/2-A		989682	3.75	3410853	5.04	1366574	6.79
MB 460-131181/1-A		1094339	3.75	3931296	5.04	1621428	6.78
460-45509-8	MW-35	1042856	3.75	3774868	5.04	1616346	6.78
460-45509-8 MS	MW-35 MS	877839	3.76	2998784	5.05	1177839	6.79
460-45509-8 MSD	MW-35 MSD	929727	3.76	3186688	5.05	1254238	6.79
460-45509-2	BD-01-100412	877376	3.75	2993839	5.04	1171472	6.78
460-45509-3	MW-30	980555	3.75	3422498	5.04	1381341	6.78
460-45509-4	MW-28	873148	3.75	2937544	5.04	1141855	6.78
460-45509-5	MW-8SR	908033	3.75	3033808	5.04	1199504	6.78
460-45509-6	MW-3S	962300	3.75	3295770	5.04	1317861	6.78
460-45509-7	MW-27	941975	3.75	3107402	5.04	1171537	6.78
460-45509-9	MW-34	994947	3.75	3369919	5.04	1291146	6.78
460-45509-10	TW-01	971825	3.75	3314292	5.04	1334010	6.78

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Sample No.: CCVIS 460-131557/2 Date Analyzed: 10/10/2012 15:34

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x30878.d Heated Purge: (Y/N) N

Calibration ID: 17999

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1465202	8.23	676418	10.85	519015	12.59
UPPER LIMIT		2930404	8.73	1352836	11.35	1038030	13.09
LOWER LIMIT		732601	7.73	338209	10.35	259508	12.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-131181/2-A		1518524	8.23	774943	10.85	646234	12.60
MB 460-131181/1-A		1846395	8.23	833972	10.85	649581	12.59
460-45509-8	MW-35	1871616	8.23	867019	10.85	658978	12.59
460-45509-8 MS	MW-35 MS	1315154	8.23	690682	10.85	582774	12.59
460-45509-8 MSD	MW-35 MSD	1385701	8.23	730238	10.85	643660	12.59
460-45509-2	BD-01-100412	1248495	8.23	630004	10.85	573255	12.60
460-45509-3	MW-30	1455252	8.23	701737	10.85	608262	12.59
460-45509-4	MW-28	1239102	8.23	689077	10.85	608804	12.59
460-45509-5	MW-8SR	1273808	8.23	692806	10.85	626637	12.60
460-45509-6	MW-3S	1374117	8.23	667069	10.85	598953	12.59
460-45509-7	MW-27	1196418	8.23	673393	10.85	611748	12.60
460-45509-9	MW-34	1353866	8.23	701264	10.85	626952	12.60
460-45509-10	TW-01	1433195	8.23	698721	10.85	623143	12.59

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: BD-01-100412 | Lab Sample ID: 460-45509-2

Matrix: Water | Lab File ID: x30885.d

Analysis Method: 8270C | Date Collected: 10/04/2012 08:30

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 18:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.8	U	5.0	1.8
121-69-7	n,n'-Dimethylaniline	2.7		1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	81		53-108
367-12-4	2-Fluorophenol	39		10-65
4165-60-0	Nitrobenzene-d5	88		56-112
4165-62-2	Phenol-d5	22		10-48
1718-51-0	Terphenyl-d14	82		50-122
118-79-6	2,4,6-Tribromophenol	75		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30885.d
Report Date: 14-Oct-2012 00:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30885.d
Lab Smp Id: 460-45509-D-2-A Client Smp ID: BD-01-100412
Inj Date : 10-OCT-2012 18:37
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-D-2-A
Misc Info : 460-45509-D-2-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 9
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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.266	1.243	(0.337)	2970	0.22346	0.45(aH)
$ 16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	570654	19.5908	39
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	353863	11.0002	22
73 Aniline	93	3.425	3.431	(0.912)	11785	0.30198	0.60(a)
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	877376	40.0000	
23 1,2-Dichlorobenzene	146	3.925	3.931	(1.045)	10219	0.29912	0.60(a)
104 Acetophenone	105	4.166	4.184	(1.110)	27232	0.78752	1.6(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1220223	44.2163	88
107 N,N-Dimethylaniline	120	4.343	4.354	(1.157)	55144	1.35941	2.7
* 80 Naphthalene-d8	136	5.043	5.048	(1.000)	2993839	40.0000	
32 4-Chloroaniline	127	5.131	5.137	(1.017)	246213	9.23086	18
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.137	(0.905)	1718278	40.5060	81
* 82 Acenaphthene-d10	164	6.784	6.789	(1.000)	1171472	40.0000	
42 Acenaphthene	154	6.813	6.819	(1.004)	205241	6.43097	13
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	134190	37.6006	75

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30885.d
Report Date: 14-Oct-2012 00:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 83 Phenanthrene-d10	188	8.231	8.230	(1.000)	1248495	40.0000	
54 Carbazole	167	8.466	8.472	(1.029)	8417	0.30604	0.61(a)
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	789735	40.8456	82
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	630004	40.0000	
* 84 Perylene-d12	264	12.595	12.595	(1.000)	573255	40.0000	

QC Flag Legend

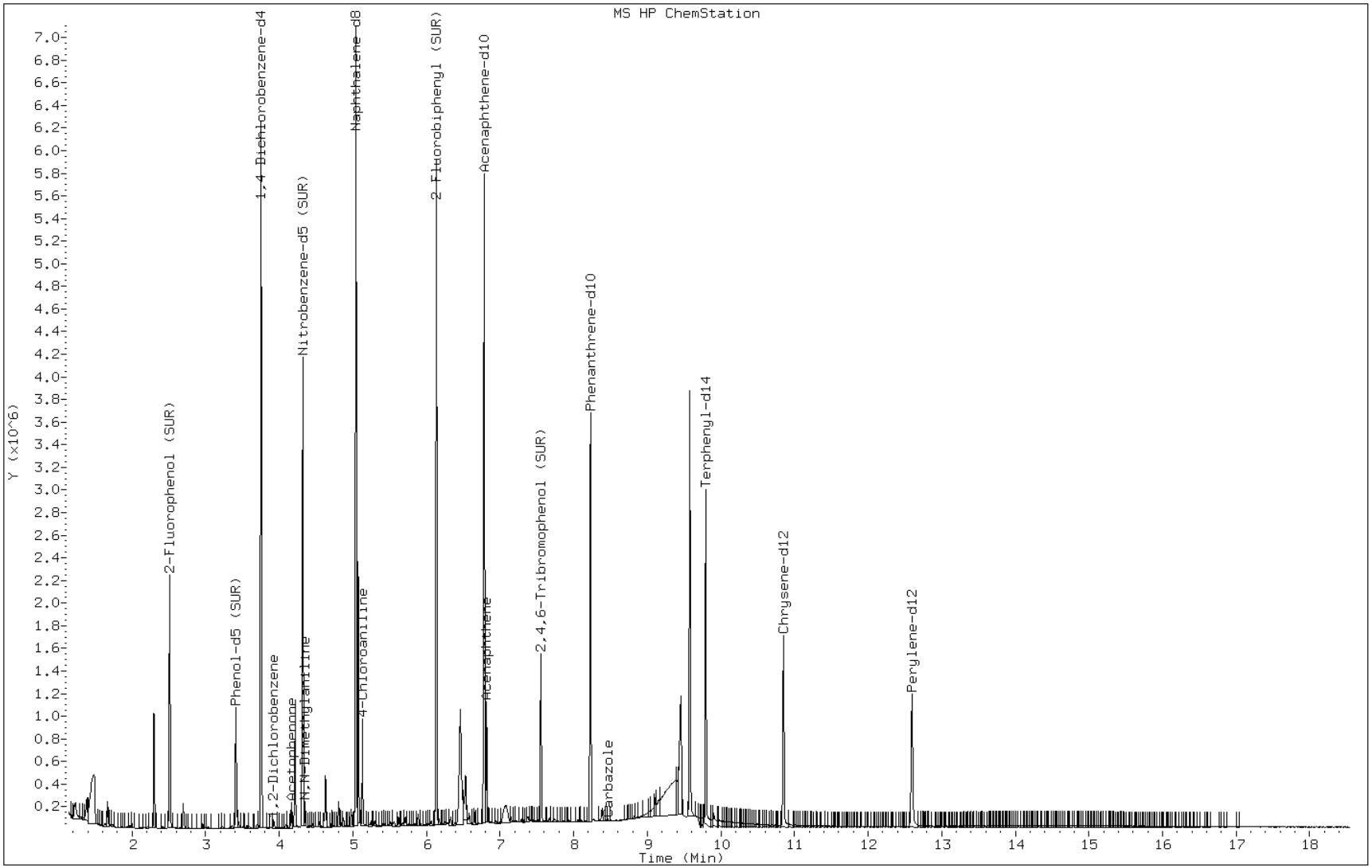
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x30885.d

Date: 10-OCT-2012 18:37

Client ID: BD-01-100412 Instrument: BNAMS5.i

Sample Info: 460-45509-D-2-A Operator: BNAMS 4



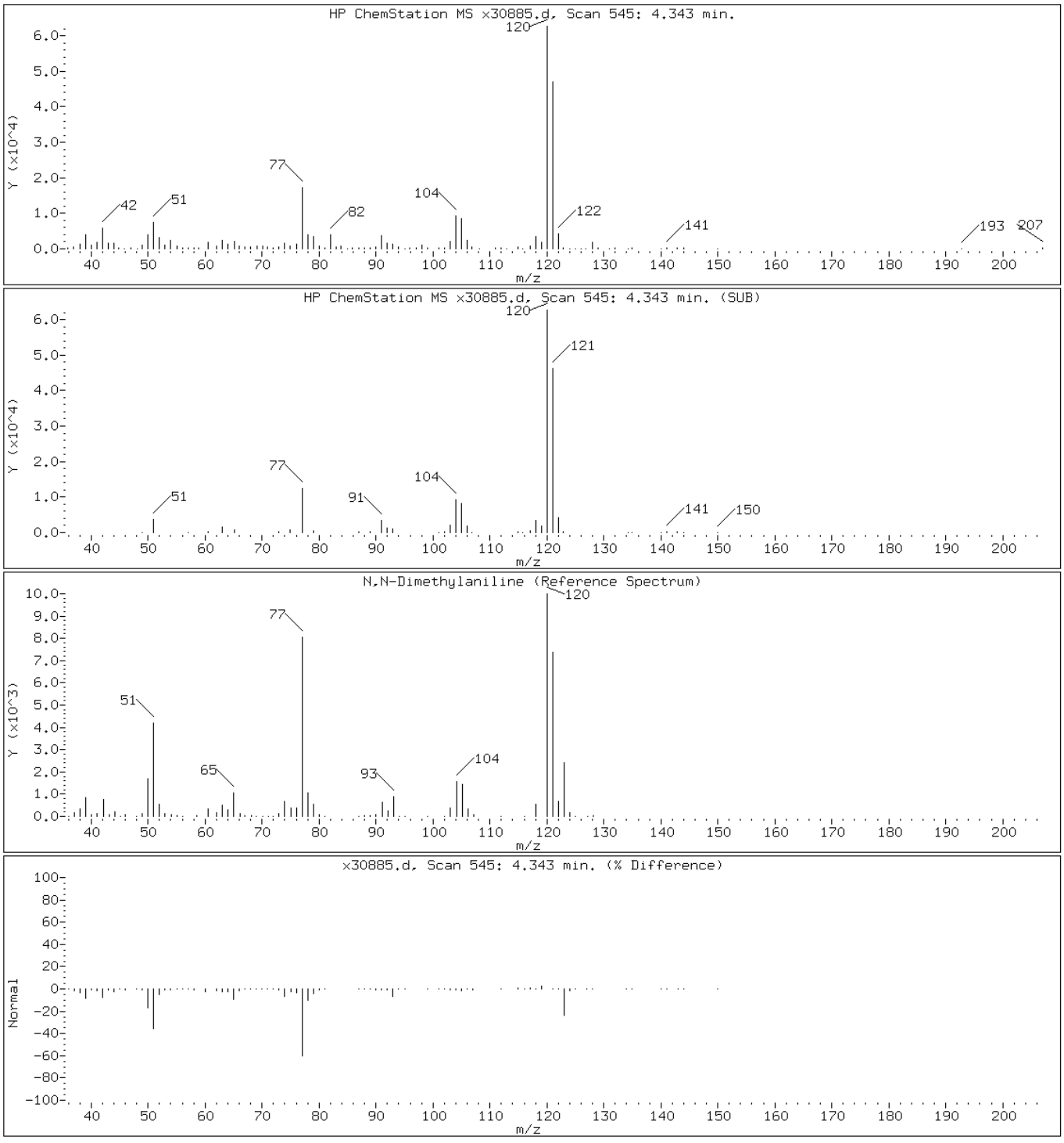
Data File: x30885.d

Date: 10-OCT-2012 18:37

Client ID: BD-01-100412 Instrument: BNAMS5.i

Sample Info: 460-45509-D-2-A Operator: BNAMS 4

107 N,N-Dimethylaniline



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-30 | Lab Sample ID: 460-45509-3

Matrix: Water | Lab File ID: x30886.d

Analysis Method: 8270C | Date Collected: 10/04/2012 09:35

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 950(mL) | Date Analyzed: 10/10/2012 19:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.9	U	5.3	1.9
121-69-7	n,n'-Dimethylaniline	0.22	U	1.1	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		53-108
367-12-4	2-Fluorophenol	40		10-65
4165-60-0	Nitrobenzene-d5	77		56-112
4165-62-2	Phenol-d5	24		10-48
1718-51-0	Terphenyl-d14	77		50-122
118-79-6	2,4,6-Tribromophenol	70		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30886.d
Report Date: 11-Oct-2012 10:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30886.d
Lab Smp Id: 460-45509-D-3-A Client Smp ID: MW-30
Inj Date : 10-OCT-2012 19:02
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-D-3-A
Misc Info : 460-45509-D-3-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 10
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	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.266	1.243	(0.337)	3917	0.26370	0.56(aH)
$ 16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	643374	19.7631	42
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	429210	11.9385	25
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	980555	40.0000	
104 Acetophenone	105	4.166	4.184	(1.110)	11767	0.30448	0.64(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1208832	38.3172	81
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	3422498	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.905)	1790732	35.8004	75
* 82 Acenaphthene-d10	164	6.783	6.789	(1.000)	1381341	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	146554	34.8260	73
* 83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1455252	40.0000	
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	826650	38.3844	81
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	701737	40.0000	
* 84 Perylene-d12	264	12.595	12.595	(1.000)	608262	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30886.d
Report Date: 11-Oct-2012 10:23

QC Flag Legend

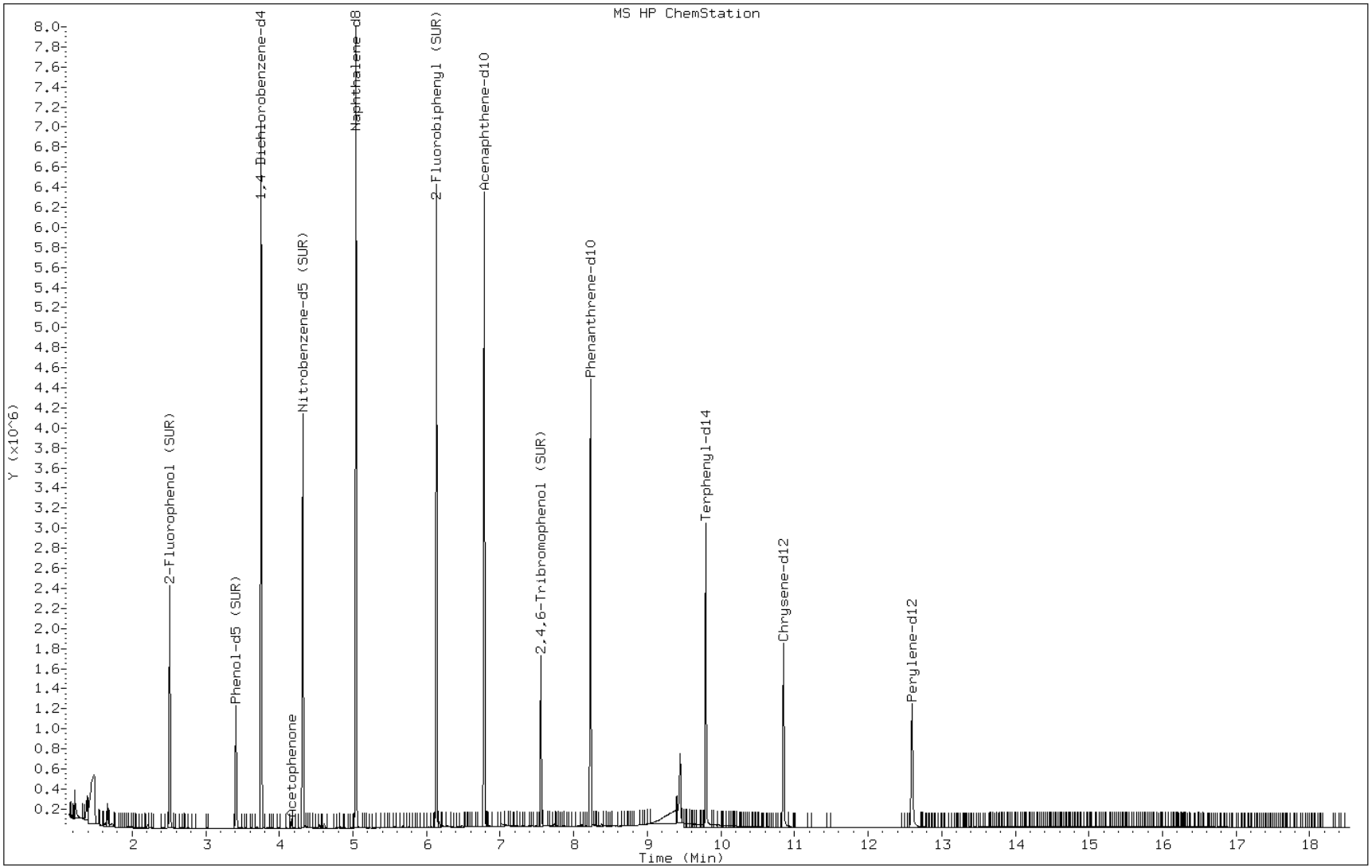
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x30886.d

Date: 10-OCT-2012 19:02

Client ID: MW-30 Instrument: BNAMS5.i

Sample Info: 460-45509-D-3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-28 | Lab Sample ID: 460-45509-4

Matrix: Water | Lab File ID: x30887.d

Analysis Method: 8270C | Date Collected: 10/04/2012 11:00

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 19:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.8	U	5.0	1.8
121-69-7	n,n'-Dimethylaniline	0.62	J	1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		53-108
367-12-4	2-Fluorophenol	34		10-65
4165-60-0	Nitrobenzene-d5	76		56-112
4165-62-2	Phenol-d5	18		10-48
1718-51-0	Terphenyl-d14	71		50-122
118-79-6	2,4,6-Tribromophenol	70		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30887.d
Report Date: 14-Oct-2012 00:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30887.d
Lab Smp Id: 460-45509-H-4-A Client Smp ID: MW-28
Inj Date : 10-OCT-2012 19:27
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-H-4-A
Misc Info : 460-45509-H-4-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 11
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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	490510	16.9209	34
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	288821	9.02178	18
73 Aniline	93	3.425	3.431	(0.912)	8505	0.21899	0.44(a)
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	873148	40.0000	
104 Acetophenone	105	4.166	4.184	(1.110)	26501	0.77009	1.5(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1026819	37.9211	76
107 N,N-Dimethylaniline	120	4.342	4.354	(1.157)	12491	0.30942	0.62(aH)
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	2937544	40.0000	
32 4-Chloroaniline	127	5.131	5.137	(1.017)	14449	0.55209	1.1(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.905)	1550181	37.4912	75
* 82 Acenaphthene-d10	164	6.783	6.789	(1.000)	1141855	40.0000	
42 Acenaphthene	154	6.813	6.819	(1.004)	225859	7.26057	14
47 Fluorene	166	7.319	7.325	(1.079)	35820	1.08554	2.2(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	121911	35.0460	70
* 83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1239102	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30887.d
Report Date: 14-Oct-2012 00:19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	748243	35.3820	71
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	689077	40.0000	
* 84 Perylene-d12	264	12.595	12.595	(1.000)	608804	40.0000	

QC Flag Legend

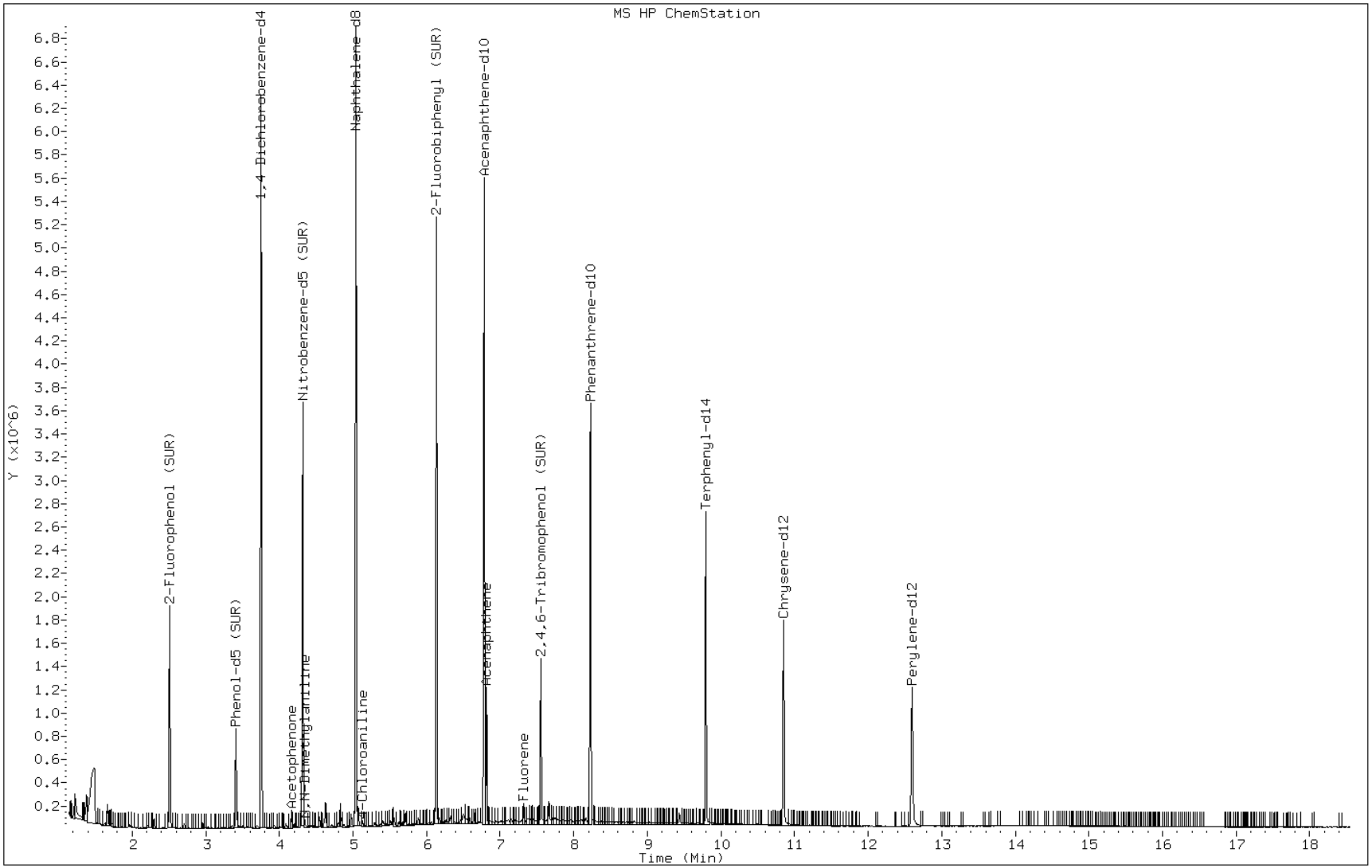
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x30887.d

Date: 10-OCT-2012 19:27

Client ID: MW-28 Instrument: BNAMS5.i

Sample Info: 460-45509-H-4-A Operator: BNAMS 4



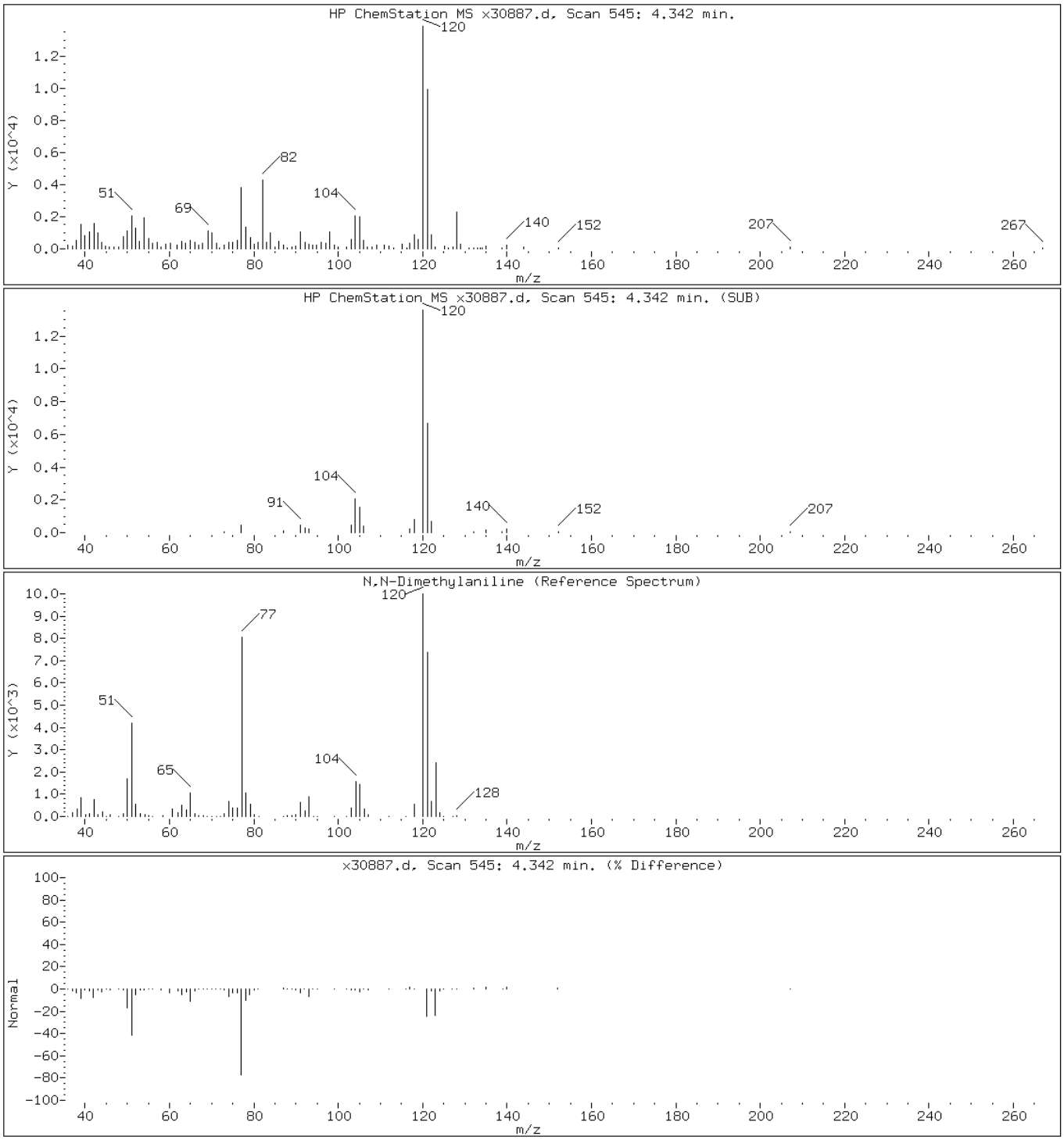
Data File: x30887.d

Date: 10-OCT-2012 19:27

Client ID: MW-28 Instrument: BNAMS5.i

Sample Info: 460-45509-H-4-A Operator: BNAMS 4

107 N,N-Dimethylaniline



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-8SR | Lab Sample ID: 460-45509-5

Matrix: Water | Lab File ID: x30888.d

Analysis Method: 8270C | Date Collected: 10/04/2012 13:35

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 950(mL) | Date Analyzed: 10/10/2012 19:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.9	U	5.3	1.9
121-69-7	n,n'-Dimethylaniline	2.3		1.1	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	78		53-108
367-12-4	2-Fluorophenol	37		10-65
4165-60-0	Nitrobenzene-d5	83		56-112
4165-62-2	Phenol-d5	19		10-48
1718-51-0	Terphenyl-d14	75		50-122
118-79-6	2,4,6-Tribromophenol	71		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30888.d
Report Date: 14-Oct-2012 00:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30888.d
Lab Smp Id: 460-45509-D-5-A Client Smp ID: MW-8SR
Inj Date : 10-OCT-2012 19:52
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-D-5-A
Misc Info : 460-45509-D-5-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 12
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	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.513	2.513	(0.669)	552281	18.3199	38
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	323231	9.70874	20
73 Aniline	93	3.425	3.431	(0.912)	14175	0.35096	0.74(a)
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	908033	40.0000	
22 1,4-Dichlorobenzene	146	3.772	3.778	(1.005)	5634	0.14758	0.31(a)
23 1,2-Dichlorobenzene	146	3.925	3.931	(1.045)	10744	0.30387	0.64(a)
104 Acetophenone	105	4.166	4.184	(1.110)	21617	0.60403	1.3(aH)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1161233	41.5243	87
107 N,N-Dimethylaniline	120	4.342	4.354	(1.157)	46422	1.10576	2.3
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	3033808	40.0000	
32 4-Chloroaniline	127	5.131	5.137	(1.017)	289739	10.7196	22
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.905)	1701174	39.1656	82
39 Acenaphthylene	152	6.642	6.648	(0.979)	6657	0.12013	0.25(a)
* 82 Acenaphthene-d10	164	6.783	6.789	(1.000)	1199504	40.0000	
42 Acenaphthene	154	6.813	6.819	(1.004)	192792	5.89972	12

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30888.d
Report Date: 14-Oct-2012 00:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	47 Fluorene	166	7.289	7.325	(1.075)	4558	0.13149	0.28(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.560	7.560	(1.114)	130016	35.5797	75
*	83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1273808	40.0000	
	54 Carbazole	167	8.466	8.472	(1.029)	8406	0.29957	0.63(a)
$	78 Terphenyl-d14	244	9.795	9.795	(0.903)	796499	37.4611	79
*	81 Chrysene-d12	240	10.848	10.854	(1.000)	692806	40.0000	
*	84 Perylene-d12	264	12.601	12.595	(1.000)	626637	40.0000	

QC Flag Legend

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

Data File: x30888.d

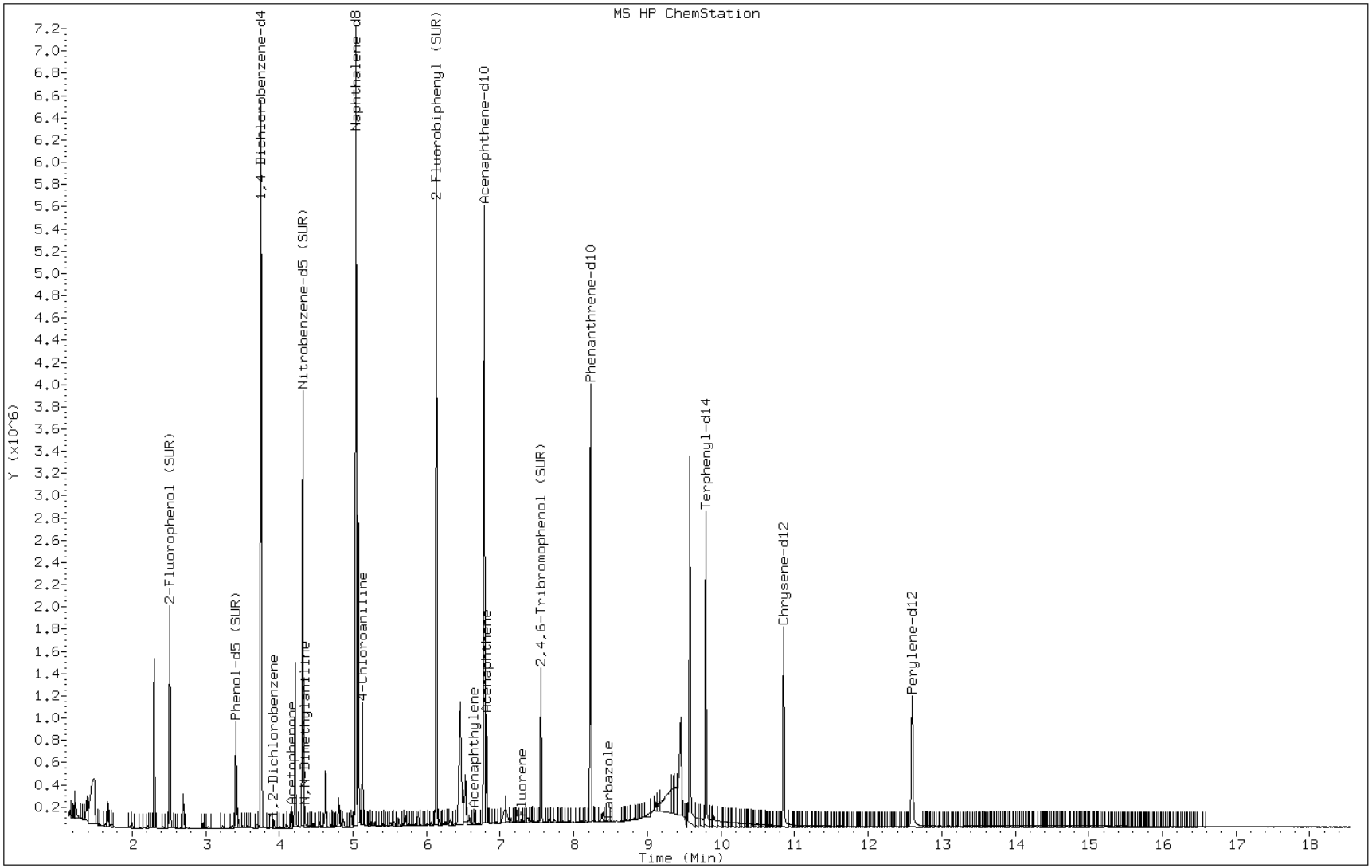
Date: 10-OCT-2012 19:52

Client ID: MW-8SR

Instrument: BNAMS5.i

Sample Info: 460-45509-D-5-A

Operator: BNAMS 4



Data File: x30888.d

Date: 10-OCT-2012 19:52

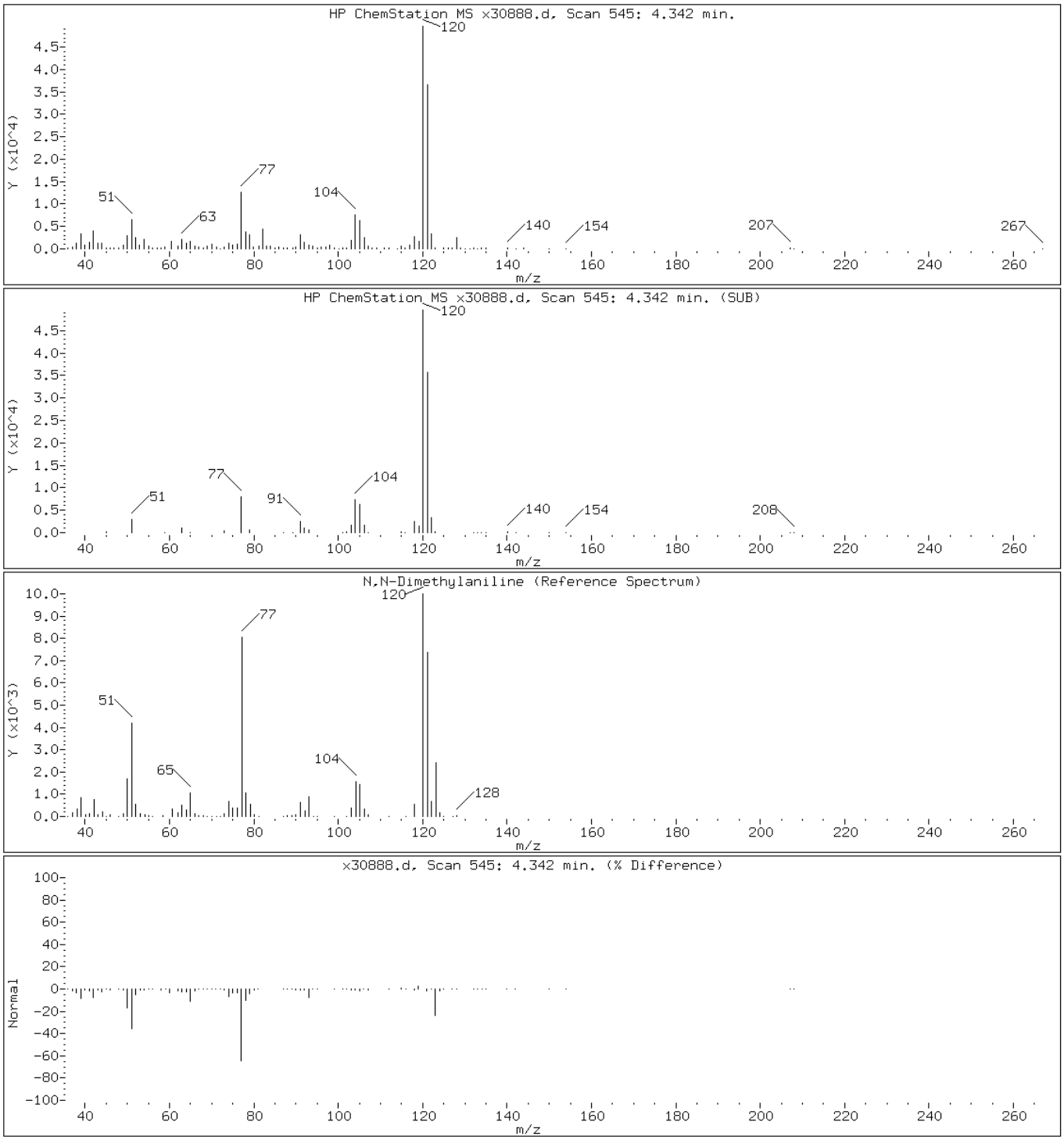
Client ID: MW-8SR

Instrument: BNAMS5.i

Sample Info: 460-45509-D-5-A

Operator: BNAMS 4

107 N,N-Dimethylaniline



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-3S | Lab Sample ID: 460-45509-6

Matrix: Water | Lab File ID: x30889.d

Analysis Method: 8270C | Date Collected: 10/04/2012 10:00

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 20:18

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.8	U	5.0	1.8
121-69-7	n,n'-Dimethylaniline	0.61	J	1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		53-108
367-12-4	2-Fluorophenol	36		10-65
4165-60-0	Nitrobenzene-d5	81		56-112
4165-62-2	Phenol-d5	21		10-48
1718-51-0	Terphenyl-d14	77		50-122
118-79-6	2,4,6-Tribromophenol	67		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30889.d
Report Date: 14-Oct-2012 00:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30889.d
Lab Smp Id: 460-45509-E-6-A Client Smp ID: MW-3S
Inj Date : 10-OCT-2012 20:18
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-E-6-A
Misc Info : 460-45509-E-6-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	580193	18.1604	36
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	364447	10.3294	21
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	962300	40.0000	
104 Acetophenone	105	4.166	4.184	(1.110)	10854	0.28619	0.57(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1235210	40.6589	81
107 N,N-Dimethylaniline	120	4.348	4.354	(1.158)	13678	0.30743	0.61(a)
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	3295770	40.0000	
32 4-Chloroaniline	127	5.137	5.137	(1.019)	3820	0.13010	0.26(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.905)	1806889	37.8634	76
* 82 Acenaphthene-d10	164	6.784	6.789	(1.000)	1317861	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.831	6.836	(1.007)	8981	0.27797	0.56(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	133794	33.3253	67
* 83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1374117	40.0000	
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	787297	38.4570	77
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	667069	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30889.d
Report Date: 14-Oct-2012 00:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 84 Perylene-d12	264	12.595	12.595	(1.000)	598953	40.0000	

QC Flag Legend

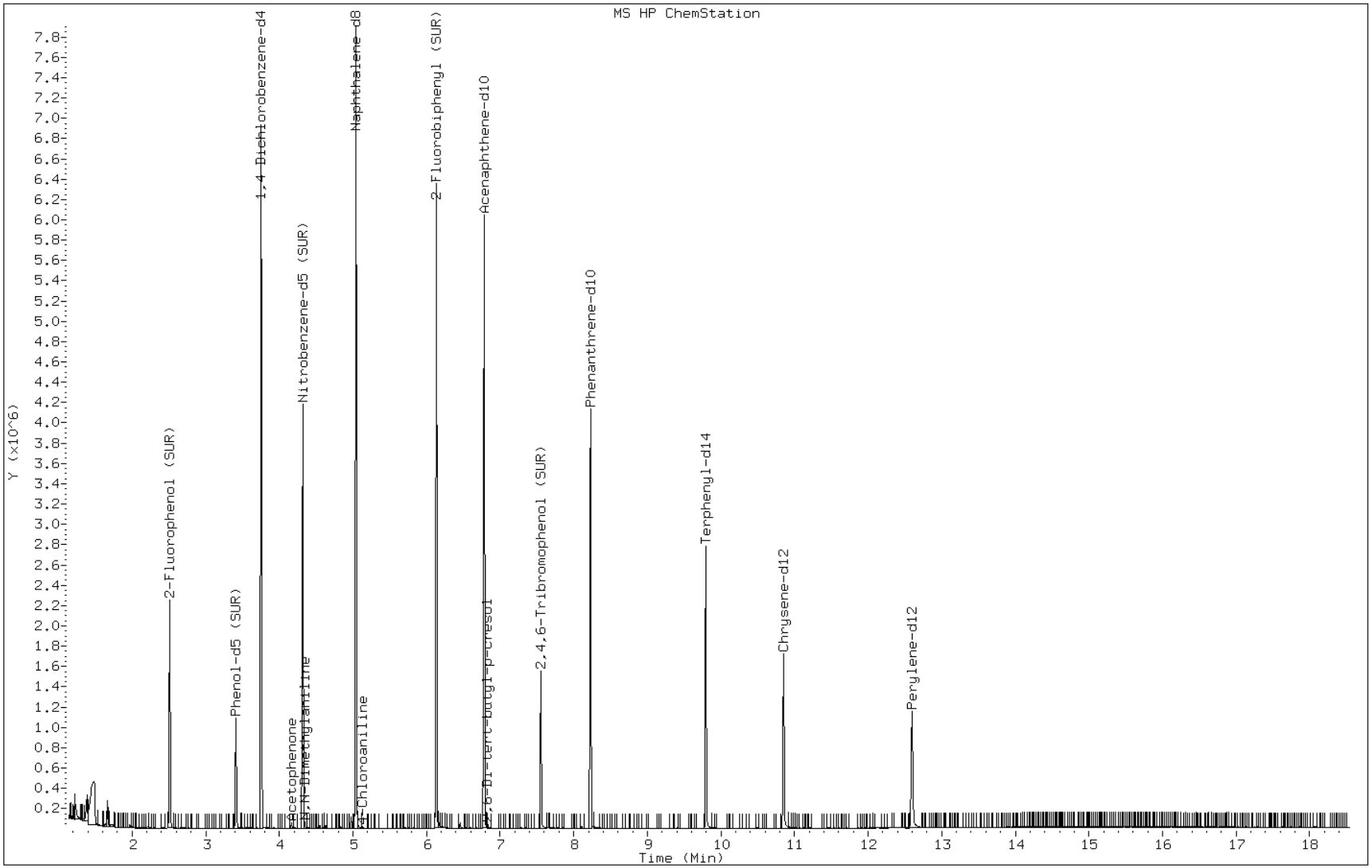
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x30889.d

Date: 10-OCT-2012 20:18

Client ID: MW-3S Instrument: BNAMS5.i

Sample Info: 460-45509-E-6-A Operator: BNAMS 4



Data File: x30889.d

Date: 10-OCT-2012 20:18

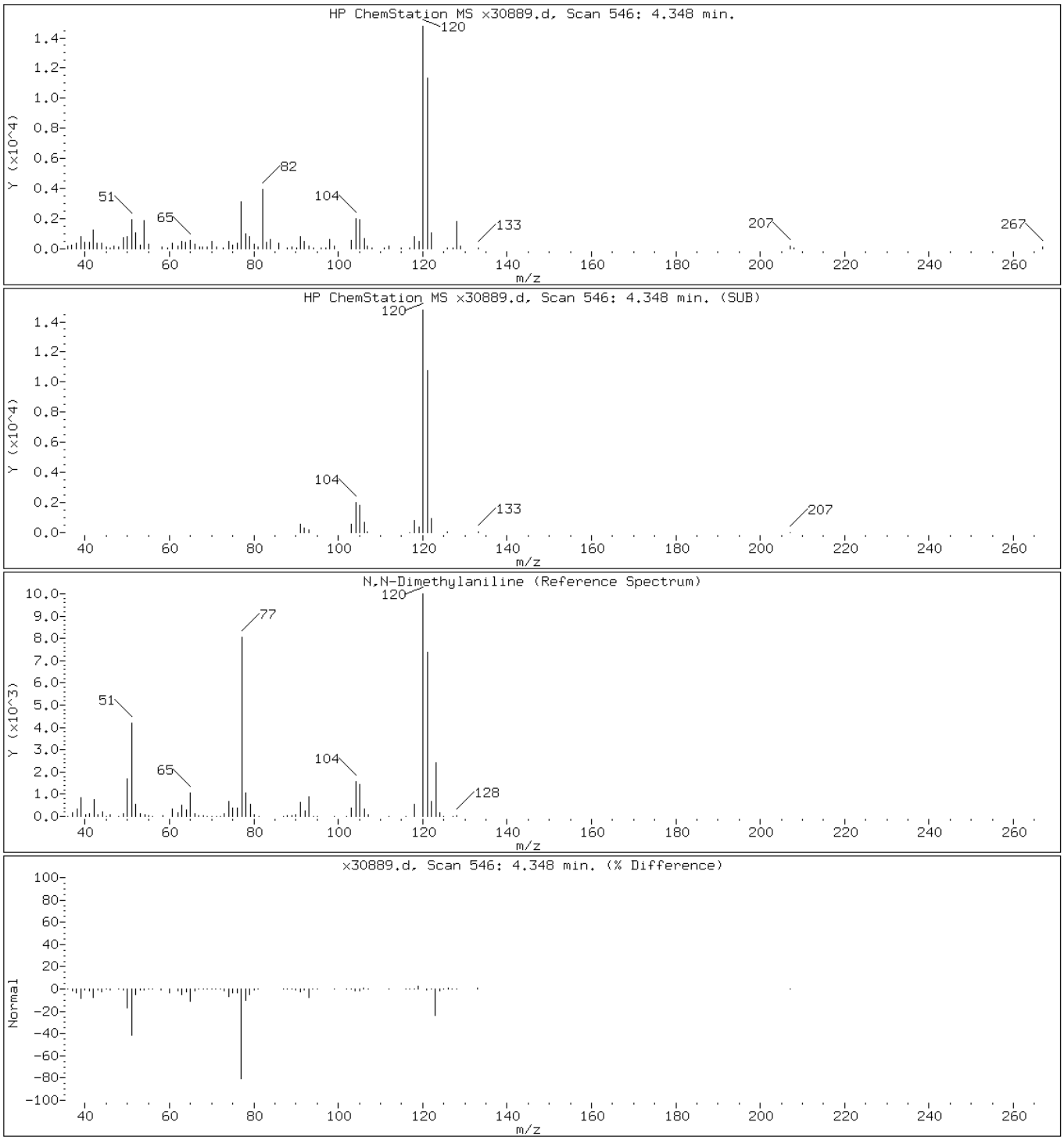
Client ID: MW-3S

Instrument: BNAMS5.i

Sample Info: 460-45509-E-6-A

Operator: BNAMS 4

107 N,N-Dimethylaniline



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-27 | Lab Sample ID: 460-45509-7

Matrix: Water | Lab File ID: x30890.d

Analysis Method: 8270C | Date Collected: 10/04/2012 11:50

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 20:43

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.8	U	5.0	1.8
121-69-7	n,n'-Dimethylaniline	2.2		1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	77		53-108
367-12-4	2-Fluorophenol	34		10-65
4165-60-0	Nitrobenzene-d5	78		56-112
4165-62-2	Phenol-d5	18		10-48
1718-51-0	Terphenyl-d14	67		50-122
118-79-6	2,4,6-Tribromophenol	65		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30890.d
Report Date: 14-Oct-2012 00:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30890.d
Lab Smp Id: 460-45509-E-7-A Client Smp ID: MW-27
Inj Date : 10-OCT-2012 20:43
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-E-7-A
Misc Info : 460-45509-E-7-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.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: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	532112	17.0148	34
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	315918	9.14716	18
73 Aniline	93	3.425	3.431	(0.912)	6883	0.16428	0.33(a)
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	941975	40.0000	
23 1,2-Dichlorobenzene	146	3.925	3.931	(1.045)	8142	0.22198	0.44(a)
104 Acetophenone	105	4.166	4.184	(1.110)	14502	0.39062	0.78(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1115768	38.9536	78
107 N,N-Dimethylaniline	120	4.343	4.354	(1.157)	47865	1.09905	2.2
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	3107402	40.0000	
32 4-Chloroaniline	127	5.131	5.137	(1.017)	61310	2.21459	4.4(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.137	(0.905)	1632681	38.4861	77
* 82 Acenaphthene-d10	164	6.784	6.789	(1.000)	1171537	40.0000	
42 Acenaphthene	154	6.813	6.819	(1.004)	39010	1.22226	2.4(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	116131	32.5386	65
* 83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1196418	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30890.d
Report Date: 14-Oct-2012 00:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	696019	33.6790	67
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	673393	40.0000	
* 84 Perylene-d12	264	12.601	12.595	(1.000)	611748	40.0000	

QC Flag Legend

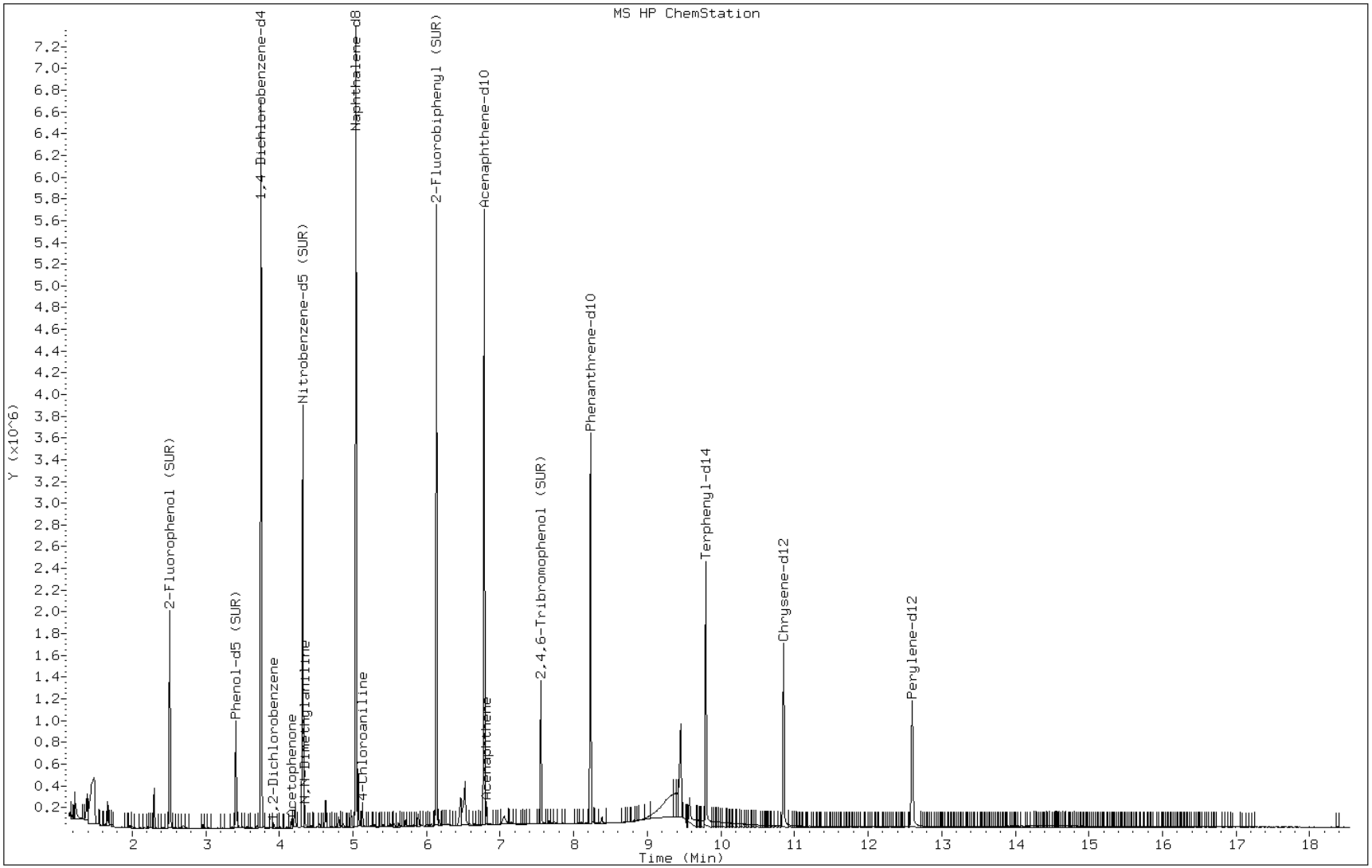
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x30890.d

Date: 10-OCT-2012 20:43

Client ID: MW-27 Instrument: BNAMS5.i

Sample Info: 460-45509-E-7-A Operator: BNAMS 4



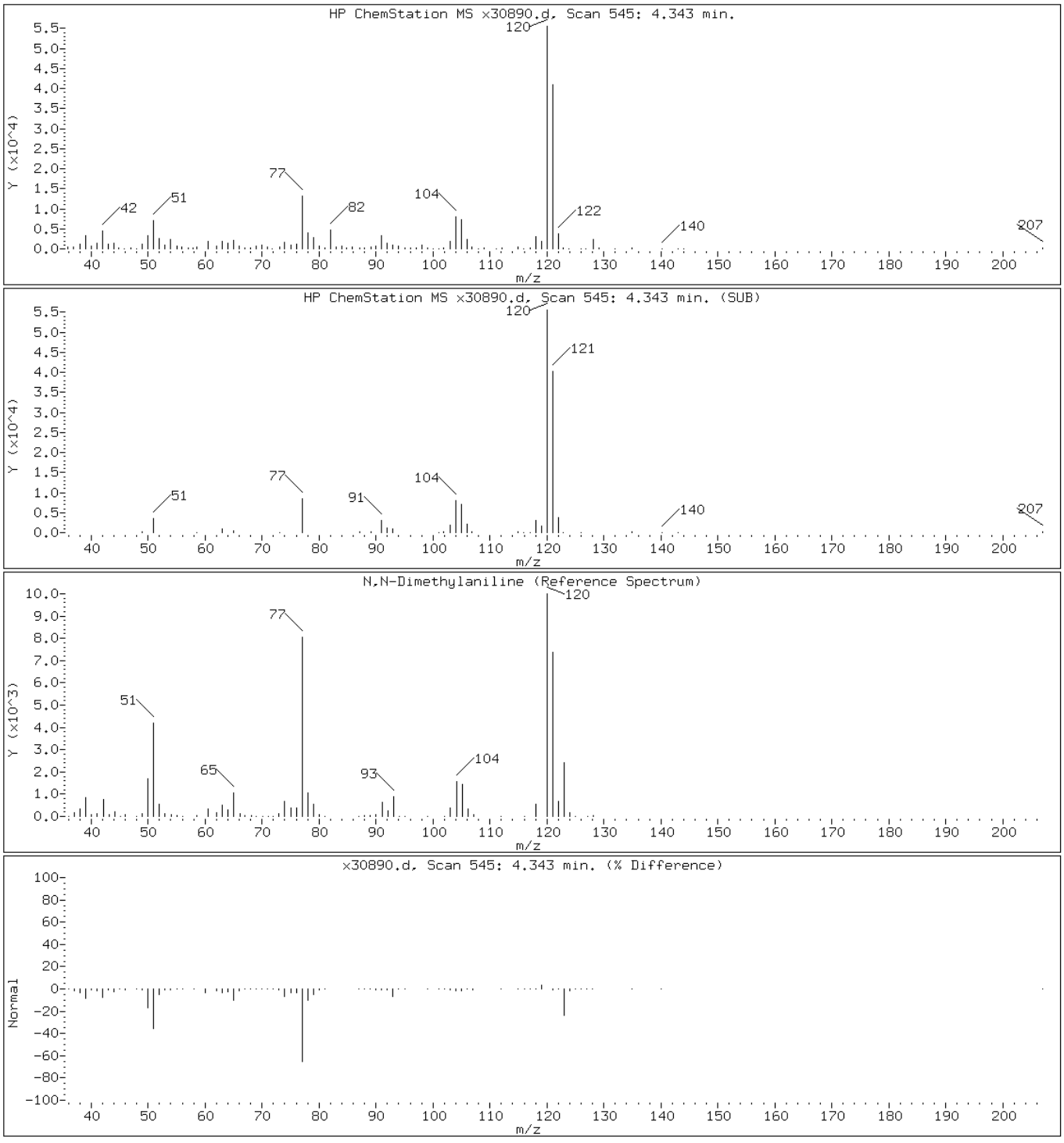
Data File: x30890.d

Date: 10-OCT-2012 20:43

Client ID: MW-27 Instrument: BNAMS5.i

Sample Info: 460-45509-E-7-A Operator: BNAMS 4

107 N,N-Dimethylaniline



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 | Lab Sample ID: 460-45509-8

Matrix: Water | Lab File ID: x30881.d

Analysis Method: 8270C | Date Collected: 10/04/2012 14:05

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 16:56

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.8	U	5.0	1.8
121-69-7	n,n'-Dimethylaniline	0.21	U	1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		53-108
367-12-4	2-Fluorophenol	36		10-65
4165-60-0	Nitrobenzene-d5	77		56-112
4165-62-2	Phenol-d5	21		10-48
1718-51-0	Terphenyl-d14	77		50-122
118-79-6	2,4,6-Tribromophenol	70		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30881.d
Report Date: 11-Oct-2012 10:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30881.d
Lab Smp Id: 460-45509-H-8-B Client Smp ID: MW-35
Inj Date : 10-OCT-2012 16:56
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-H-8-B
Misc Info : 460-45509-H-8-B
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 5
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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	616471	17.8054	36
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	401413	10.4983	21
73 Aniline	93	3.425	3.431	(0.912)	4818	0.10387	0.21(a)
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	1042856	40.0000	
104 Acetophenone	105	4.166	4.184	(1.110)	11588	0.28194	0.56(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1344235	38.6318	77
* 80 Naphthalene-d8	136	5.043	5.048	(1.000)	3774868	40.0000	
32 4-Chloroaniline	127	5.131	5.137	(1.017)	3661	0.10886	0.22(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.137	(0.905)	2050141	35.0274	70
* 82 Acenaphthene-d10	164	6.784	6.789	(1.000)	1616346	40.0000	
122 2,6-Di-tert-butyl-p-cresol	205	6.831	6.836	(1.007)	4341	0.10954	0.22(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	171520	34.8327	70
* 83 Phenanthrene-d10	188	8.231	8.230	(1.000)	1871616	40.0000	
58 Benzidine	184	9.548	9.554	(1.160)	1922	0.27867	0.56(a)
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	1025275	38.5318	77

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30881.d
Report Date: 11-Oct-2012 10:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	867019	40.0000	
* 84 Perylene-d12	264	12.595	12.595	(1.000)	658978	40.0000	

QC Flag Legend

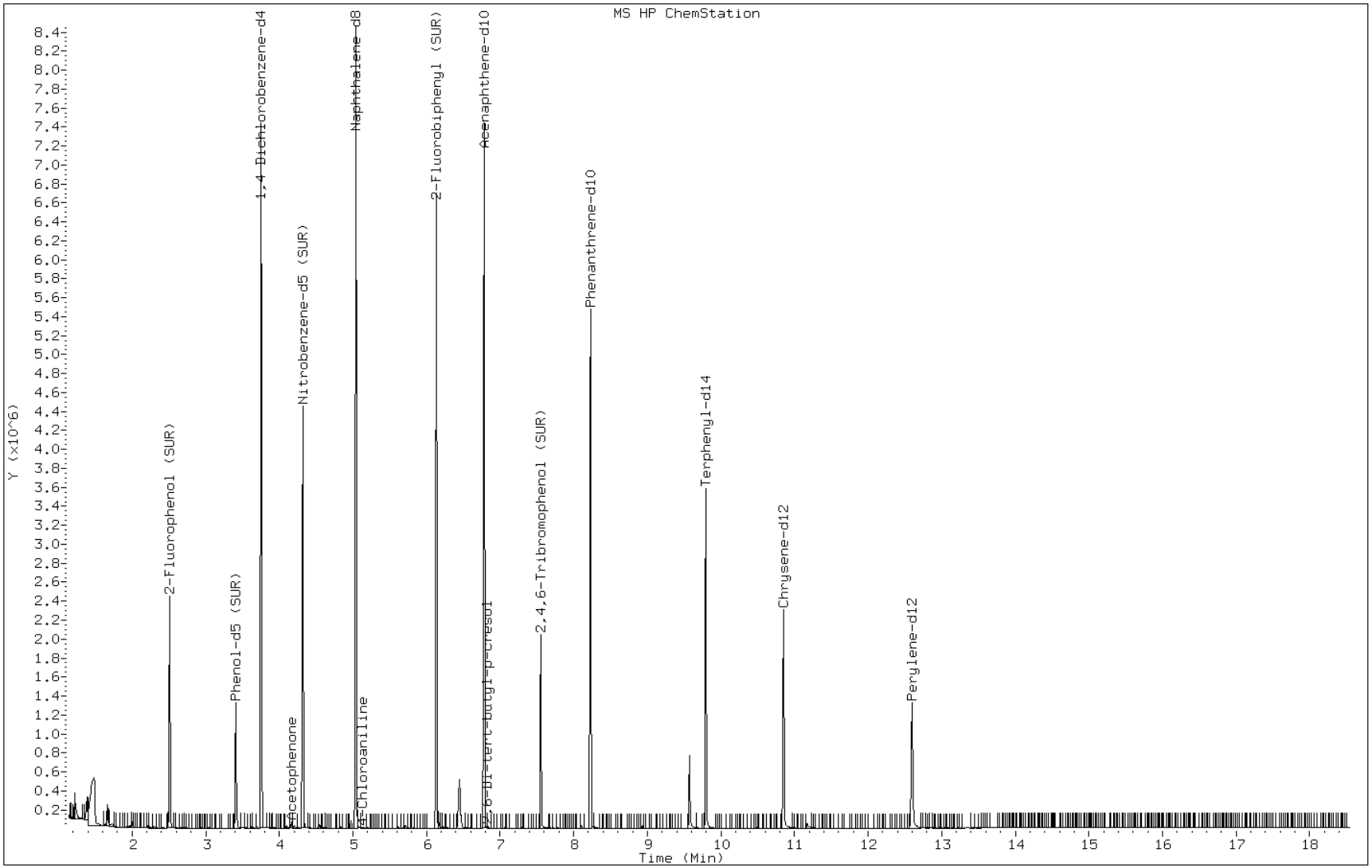
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x30881.d

Date: 10-OCT-2012 16:56

Client ID: MW-35 Instrument: BNAMS5.i

Sample Info: 460-45509-H-8-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-34 | Lab Sample ID: 460-45509-9

Matrix: Water | Lab File ID: x30891.d

Analysis Method: 8270C | Date Collected: 10/04/2012 15:45

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 970(mL) | Date Analyzed: 10/10/2012 21:09

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.9	U	5.2	1.9
121-69-7	n,n'-Dimethylaniline	2.7		1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		53-108
367-12-4	2-Fluorophenol	31		10-65
4165-60-0	Nitrobenzene-d5	76		56-112
4165-62-2	Phenol-d5	16		10-48
1718-51-0	Terphenyl-d14	70		50-122
118-79-6	2,4,6-Tribromophenol	54		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30891.d
Report Date: 14-Oct-2012 00:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30891.d
Lab Smp Id: 460-45509-H-9-A Client Smp ID: MW-34
Inj Date : 10-OCT-2012 21:09
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-H-9-A
Misc Info : 460-45509-H-9-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.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	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.266	1.243	(0.337)	6262	0.41547	0.86(aH)
$ 16 2-Fluorophenol (SUR)	112	2.513	2.513	(0.669)	507056	15.3504	32
$ 17 Phenol-d5 (SUR)	99	3.413	3.437	(0.909)	291558	7.99239	16
73 Aniline	93	3.425	3.431	(0.912)	22256	0.50290	1.0(a)
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	994947	40.0000	
22 1,4-Dichlorobenzene	146	3.772	3.778	(1.005)	7702	0.18413	0.38(a)
23 1,2-Dichlorobenzene	146	3.925	3.931	(1.045)	13669	0.35282	0.73(a)
104 Acetophenone	105	4.166	4.184	(1.110)	20454	0.52161	1.1(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1185163	38.1531	79
107 N,N-Dimethylaniline	120	4.342	4.354	(1.157)	61045	1.32705	2.7
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	3369919	40.0000	
32 4-Chloroaniline	127	5.131	5.137	(1.017)	216857	7.22293	15
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.905)	1743630	37.2938	77
* 82 Acenaphthene-d10	164	6.783	6.789	(1.000)	1291146	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	106578	27.0956	56

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30891.d
Report Date: 14-Oct-2012 00:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1353866	40.0000	
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	748577	34.7826	72
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	701264	40.0000	
* 84 Perylene-d12	264	12.601	12.595	(1.000)	626952	40.0000	

QC Flag Legend

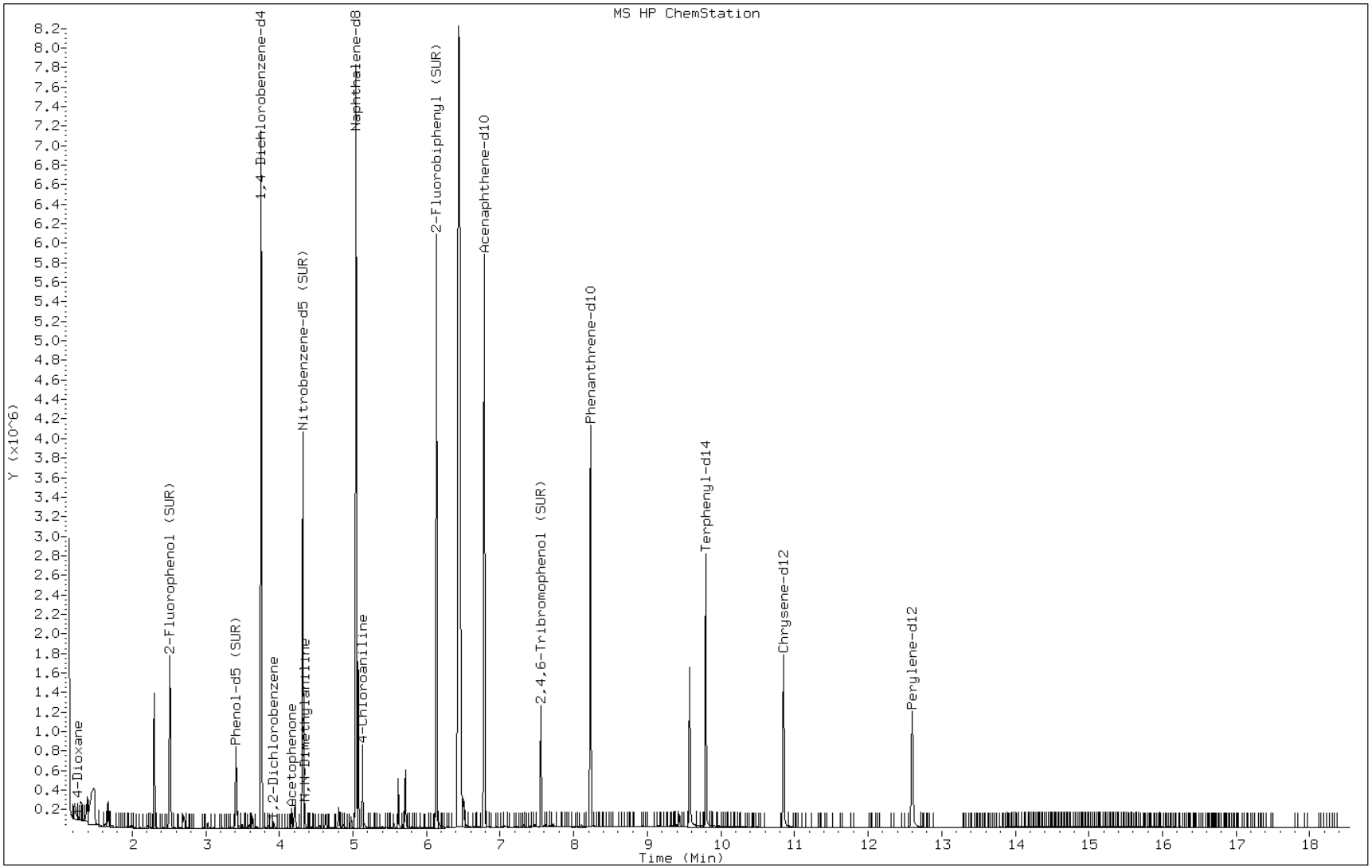
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x30891.d

Date: 10-OCT-2012 21:09

Client ID: MW-34 Instrument: BNAMS5.i

Sample Info: 460-45509-H-9-A Operator: BNAMS 4



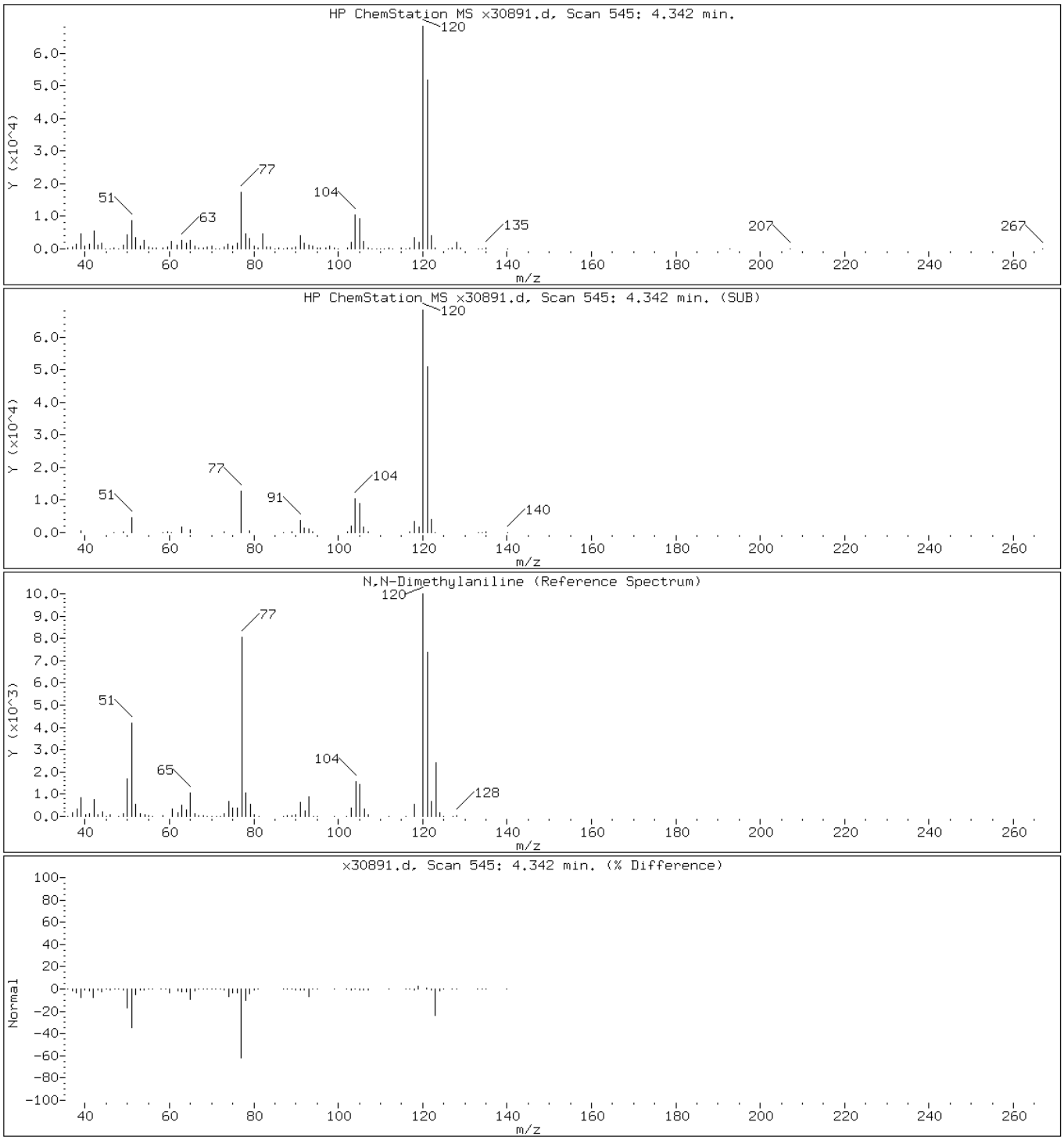
Data File: x30891.d

Date: 10-OCT-2012 21:09

Client ID: MW-34 Instrument: BNAMS5.i

Sample Info: 460-45509-H-9-A Operator: BNAMS 4

107 N,N-Dimethylaniline



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: TW-01 | Lab Sample ID: 460-45509-10

Matrix: Water | Lab File ID: x30892.d

Analysis Method: 8270C | Date Collected: 10/04/2012 16:40

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 970(mL) | Date Analyzed: 10/10/2012 21:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.9	U	5.2	1.9
121-69-7	n,n'-Dimethylaniline	1.9		1.0	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	71		53-108
367-12-4	2-Fluorophenol	32		10-65
4165-60-0	Nitrobenzene-d5	74		56-112
4165-62-2	Phenol-d5	17		10-48
1718-51-0	Terphenyl-d14	73		50-122
118-79-6	2,4,6-Tribromophenol	66		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30892.d
Report Date: 14-Oct-2012 01:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30892.d
Lab Smp Id: 460-45509-H-10-A Client Smp ID: TW-01
Inj Date : 10-OCT-2012 21:34
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-H-10-A
Misc Info : 460-45509-H-10-A
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.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	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	516561	16.0102	33
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	311268	8.73570	18
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	971825	40.0000	
23 1,2-Dichlorobenzene	146	3.925	3.931	(1.045)	13074	0.34550	0.71(a)
104 Acetophenone	105	4.166	4.184	(1.110)	12637	0.32993	0.68(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1127587	36.9088	76
107 N,N-Dimethylaniline	120	4.343	4.354	(1.157)	40414	0.89946	1.8
* 80 Naphthalene-d8	136	5.043	5.048	(1.000)	3314292	40.0000	
32 4-Chloroaniline	127	5.131	5.137	(1.017)	208605	7.06470	14
$ 77 2-Fluorobiphenyl (SUR)	172	6.137	6.137	(0.905)	1709074	35.3802	73
* 82 Acenaphthene-d10	164	6.784	6.789	(1.000)	1334010	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.560	7.560	(1.114)	133880	32.9430	68
* 83 Phenanthrene-d10	188	8.231	8.230	(1.000)	1433195	40.0000	
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	782095	36.4723	75
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	698721	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30892.d
Report Date: 14-Oct-2012 01:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 84 Perylene-d12	264	12.595	12.595	(1.000)	623143	40.0000	

QC Flag Legend

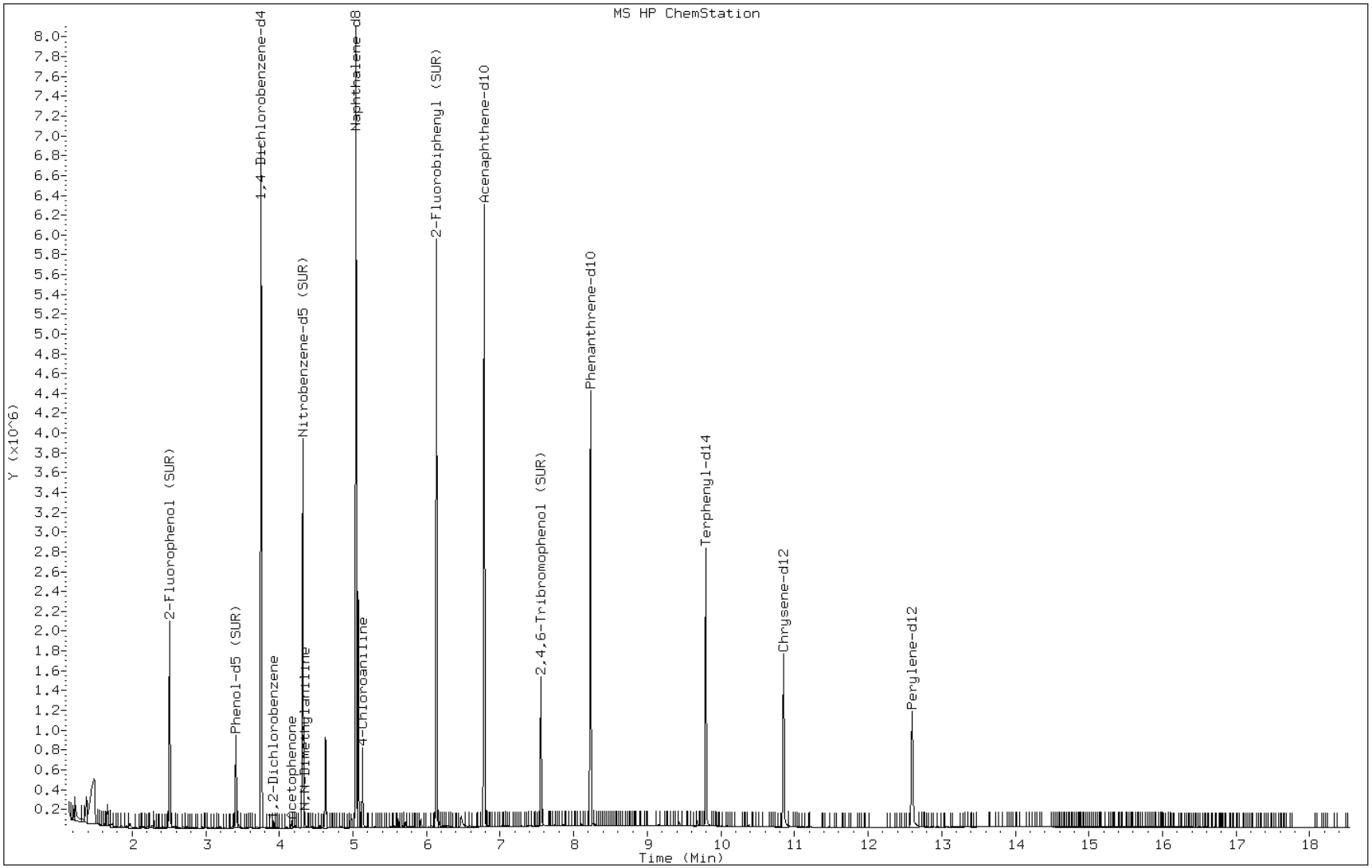
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x30892.d

Date: 10-OCT-2012 21:34

Client ID: TW-01 Instrument: BNAMS5.i

Sample Info: 460-45509-H-10-A Operator: BNAMS 4



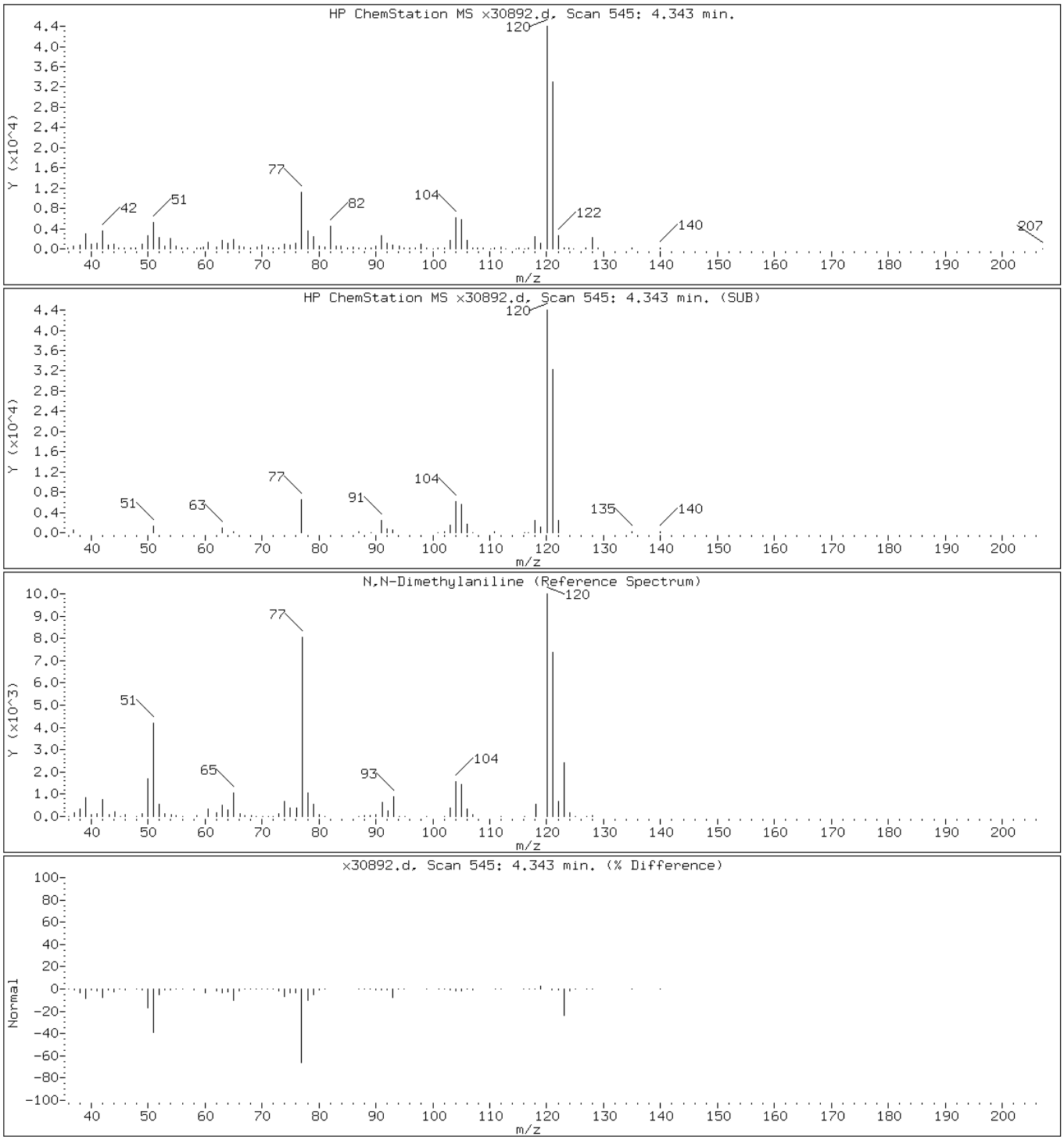
Data File: x30892.d

Date: 10-OCT-2012 21:34

Client ID: TW-01 Instrument: BNAMS5.i

Sample Info: 460-45509-H-10-A Operator: BNAMS 4

107 N,N-Dimethylaniline



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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-131301/7	x30848.d
Level 2	IC 460-131301/6	x30847.d
Level 3	IC 460-131301/5	x30846.d
Level 4	ICIS 460-131301/2	x30843.d
Level 5	IC 460-131301/4	x30845.d
Level 6	IC 460-131301/3	x30844.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-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.6399 0.6376	0.6164	0.5985	0.5740	0.5653	Ave		0.6053				5.2		15.0			
N-Nitrosodimethylamine	0.7712 0.8528	0.7918	0.7602	0.7619	0.7711	Ave		0.7848				4.5		15.0			
Pyridine	1.4272 1.4181	1.4549	1.4369	1.3353	1.3504	Ave		1.4038				3.5		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1806	+++++	Ave		0.1806						15.0			
Benzaldehyde	0.8804 +++++	0.8511	0.7380	0.5108	0.3141	Ave		0.6589				36.6	*	15.0			
Aniline	1.9277 +++++	1.9283	1.8166	1.6947	1.5287	Ave		1.7792				9.6		15.0			
Phenol	2.0197 1.5683	1.8807	1.7411	1.6107	1.5286	Ave		1.7249				11.2		30.0			
Bis(2-chloroethyl)ether	1.5128 2.0282	1.2934	1.2618	1.2503	1.3127	QuaF		0.9295	-0.072						0.9991		0.9900
2-Chlorophenol	1.7105 1.2934	1.6135	1.4896	1.3974	1.3546	Ave		1.4765				10.9		15.0			
Decane	1.4799 1.4050	1.4708	1.4895	1.4231	1.3362	Ave		1.4341				4.1		15.0			
1,3-Dichlorobenzene	1.7642 1.6925	1.7914	1.7043	1.6314	1.5824	Ave		1.6944				4.6		15.0			
1,4-Dichlorobenzene	1.7558 1.6865	1.7751	1.6884	1.6209	1.5632	Ave		1.6816				4.8		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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								
Benzyl alcohol	0.7509 0.8008	0.7989	0.8037	0.7947	0.7511	Ave		0.7834				3.2		15.0			
1,2-Dichlorobenzene	1.6742 1.5416	1.6438	1.5866	1.4854	1.4136	Ave		1.5575				6.3		15.0			
2-Methylphenol	1.3235 0.9955	1.2605	1.1646	1.0608	1.0235	Ave		1.1381				11.8		15.0			
2,2'-oxybis[1-chloropropane]	1.5427 1.4724	1.5347	1.4853	1.4320	1.3814	Ave		1.4747				4.2		15.0			
Acetophenone	1.6223 1.5244	1.6729	1.6133	1.5340	1.4919	Ave		1.5765				4.4		15.0			
N-Nitrosodi-n-propylamine	0.7586 0.8352	0.8280	0.8266	0.7879	0.6477	Ave		0.7807			0.0500	9.2		15.0			
3 & 4 Methylphenol	1.3125 0.9517	1.2519	1.1641	1.0627	1.0089	Ave		1.1253				12.6		15.0			
4-Methylphenol	1.3151 0.9526	1.2374	1.1641	1.0627	1.0089	Ave		1.1235				12.4		15.0			
Hexachloroethane	0.5982 0.6235	0.6477	0.6308	0.6188	0.6057	Ave		0.6208				2.9		15.0			
Nitrobenzene	0.5021 0.4467	0.5177	0.5055	0.4810	0.4487	Ave		0.4836				6.2		15.0			
n,n'-Dimethylaniline	1.8275 1.8106	1.9792	1.9421	1.7988	1.7379	Ave		1.8494				5.0		15.0			
Isophorone	0.5426 0.5557	0.5541	0.5436	0.5365	0.5292	Ave		0.5436				1.9		15.0			
2-Nitrophenol	0.2139 0.2017	0.2079	0.2040	0.2042	0.1996	Ave		0.2052				2.5		30.0			
2,4-Dimethylphenol	0.3476 0.2697	0.3277	0.3066	0.2882	0.2792	Ave		0.3032				9.9		15.0			
Bis(2-chloroethoxy)methane	0.3534 0.3554	0.3557	0.3540	0.3492	0.3397	Ave		0.3512				1.7		15.0			
Benzoic acid	0.0929 0.1636	0.1264	0.1427	0.1291	0.1656	QuaF		7.3631	-2.748						0.9941		0.9900
2,4-Dichlorophenol	0.3131 0.2321	0.2902	0.2742	0.2528	0.2397	Ave		0.2670				11.7		30.0			
1,2,4-Trichlorobenzene	0.3406 0.3173	0.3376	0.3203	0.3064	0.2986	Ave		0.3201				5.2		15.0			
Naphthalene	1.1048 1.0028	1.1137	1.0697	1.0150	0.9618	Ave		1.0446				5.8		15.0			
4-Chloroaniline	0.3920 0.3165	0.3851	0.3766	0.3437	0.3243	Ave		0.3564				9.1		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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								
Hexachlorobutadiene	0.1873 0.1810	0.1902	0.1781	0.1738	0.1686	Ave		0.1798				4.5		30.0			
Caprolactam	0.0525 0.0639	0.0590	0.0621	0.0630	0.0637	Ave		0.0607				7.2		15.0			
4-Chloro-3-methylphenol	0.2563 0.2082	0.2352	0.2335	0.2298	0.2239	Ave		0.2312				6.8		30.0			
2-Methylnaphthalene	0.6335 0.6022	0.6473	0.6321	0.5964	0.5678	Ave		0.6132				4.8		15.0			
1-Methylnaphthalene	0.6553 0.6098	0.6332	0.6573	0.6058	0.5870	Ave		0.6247				4.6		15.0			
Hexachlorocyclopentadiene	0.3184 0.4062	0.3077	0.3210	0.3532	0.3543	Ave		0.3435			0.0500	10.5		15.0			
1,2,4,5-Tetrachlorobenzene	0.6853 0.6726	0.6711	0.6397	0.6194	0.6166	Ave		0.6508				4.5		30.0			
2-tertbutyl-4-methylphenol	0.4095 0.3279	0.4050	0.4250	0.3951	0.3818	Ave		0.3907				8.7		15.0			
2,4,6-Trichlorophenol	0.4244 0.3992	0.4101	0.3770	0.3730	0.3758	Ave		0.3933				5.4		30.0			
2,4,5-Trichlorophenol	0.4259 0.3338	0.4173	0.3844	0.3730	0.3564	Ave		0.3818				9.2		15.0			
Diphenyl	1.6577 1.3824	1.7582	1.6166	1.5493	1.5228	Ave		1.5812				8.1		15.0			
2-Chloronaphthalene	1.3110 1.2154	1.3687	1.2531	1.1825	1.1463	Ave		1.2462				6.6		15.0			
Diphenyl ether	0.8788 0.8727	0.9036	0.8725	0.8399	0.8109	Ave		0.8631				3.8		15.0			
2-Nitroaniline	0.3382 0.2697	0.3931	0.3782	0.3272	0.2926	Ave		0.3332				14.3		15.0			
Dimethylnaphthalene, total	1.0566 1.0339	1.0548	1.0698	1.0198	0.9803	Ave		1.0359				3.1		15.0			
Dimethyl phthalate	1.0790 1.1006	1.1523	1.0945	1.0830	1.0601	Ave		1.0949				2.9		15.0			
Coumarin	0.1464 0.1500	0.1486	0.1568	0.1566	0.1491	Ave		0.1512				2.9		15.0			
2,6-Dinitrotoluene	0.2203 0.2694	0.2592	0.2510	0.2624	0.2604	Ave		0.2538				6.9		15.0			
Acenaphthylene	1.9746 1.7875	1.9633	1.8628	1.7973	1.7023	Ave		1.8480				5.8		15.0			
3-Nitroaniline	0.2623 0.2296	0.2670	0.2651	0.2579	0.2405	Ave		0.2537				6.0		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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								
Acenaphthene	1.1476 1.0664	1.1663	1.0936	1.0454	1.0190	Ave		1.0897				5.3		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.9637 0.8850	1.0075	1.0524	0.9801	0.9954	Ave		0.9807				5.7		15.0			
2,4-Dinitrophenol	0.0512 0.1162	0.0620	0.0800	0.0982	0.1147	QuaF		11.240	-8.067		0.0500				0.9916		0.9900
4-Nitrophenol	0.1432 0.1720	0.1587	0.1478	0.1614	0.1624	Ave		0.1576			0.0500	6.6		15.0			
Dibenzofuran	1.5876 1.4575	1.6349	1.5425	1.4634	1.4073	Ave		1.5155				5.7		15.0			
2,4-Dinitrotoluene	0.2836 0.2998	0.2982	0.2957	0.3017	0.2900	Ave		0.2948				2.3		15.0			
2,3,4,6-Tetrachlorophenol	0.2245 0.2140	0.2210	0.2175	0.2303	0.2236	Ave		0.2218				2.6		30.0			
Diethyl phthalate	0.9702 0.9453	1.0483	1.0059	1.0246	1.0064	Ave		1.0001				3.7		15.0			
Fluorene	1.1690 1.1547	1.2286	1.1666	1.1211	1.0955	Ave		1.1559				4.0		15.0			
4-Chlorophenyl phenyl ether	0.5918 0.5488	0.6034	0.5672	0.5314	0.5228	Ave		0.5609				5.8		15.0			
4-Nitroaniline	0.2087 0.1796	0.2181	0.2156	0.2021	0.1791	Ave		0.2005				8.7		15.0			
4,6-Dinitro-2-methylphenol	0.0970 0.1212	0.0976	0.1213	0.1249	0.1311	Ave		0.1155				12.6		15.0			
N-Nitrosodiphenylamine	0.6483 0.5566	0.6422	0.6816	0.6301	0.6384	Ave		0.6329				6.5		30.0			
1,2-Diphenylhydrazine	0.9536 1.2483	1.1638	1.1846	1.1171	1.1233	Ave		1.1318				8.8		15.0			
4-Bromophenyl phenyl ether	0.2399 0.2510	0.2472	0.2546	0.2361	0.2388	Ave		0.2446				3.0		15.0			
Hexachlorobenzene	0.2604 0.2366	0.2528	0.2489	0.2271	0.2267	Ave		0.2421				5.8		15.0			
Atrazine	0.1826 0.1612	0.1870	0.1878	0.1838	0.1743	Ave		0.1794				5.7		15.0			
Pentachlorophenol	0.0866 0.1207	0.0908	0.1081	0.1137	0.1202	Ave		0.1067				13.8		30.0			
Pentachloronitrobenzene	0.0861 0.0922	0.0912	0.0949	0.0892	0.0946	Ave		0.0914				3.6					
n-Octadecane	0.4944 0.5944	0.5103	0.5699	0.5374	0.5826	Ave		0.5482				7.4		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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								
Phenanthrene	1.1852 1.1349	1.1903	1.1787	1.0970	1.0740	Ave		1.1433				4.3		15.0			
Anthracene	1.1308 1.1180	1.1759	1.1838	1.1179	1.0840	Ave		1.1351				3.4		15.0			
Carbazole	0.9267 0.8408	0.9346	0.9146	0.8558	0.8145	Ave		0.8812				5.7		15.0			
Di-n-butyl phthalate	1.0122 1.1866	1.1040	1.1492	1.1275	1.1377	Ave		1.1196				5.3		15.0			
Fluoranthene	0.9087 0.8693	0.9247	0.9375	0.8806	0.8398	Ave		0.8934				4.1		30.0			
Benzidine	0.2029 +++++	0.2712	0.1870	0.0569	0.0191	Ave		0.1474				71.6	*	15.0			
Pyrene	1.8387 1.9378	1.8861	1.8635	1.8512	1.8316	Ave		1.8681				2.1		15.0			
Butyl benzyl phthalate	0.5788 0.8146	0.6408	0.6881	0.7349	0.7506	Ave		0.7013				12.0		15.0			
Carbamazepine	0.2937 0.5357	0.3457	0.4253	0.4547	0.4716	QuaF		2.4465	-0.360						0.9996		0.9900
3,3'-Dichlorobenzidine	0.3631 0.2650	0.3798	0.3777	0.3144	0.2727	QuaF		2.5300	1.6397						0.9945		0.9900
Benzo[a]anthracene	1.4574 1.2869	1.2189	1.1910	1.1975	1.1873	Ave		1.2565				8.4		15.0			
Chrysene	1.1783 1.2604	1.2581	1.2297	1.2095	1.1964	Ave		1.2221				2.7		15.0			
Bis(2-ethylhexyl) phthalate	0.7176 1.0977	0.8069	0.8781	0.9458	1.0006	LinF		1.0542							0.9916		0.9900
Di-n-octyl phthalate	0.9525 1.8606	1.2578	1.4982	1.7143	1.8220	LinF		1.8286							0.9958		0.9900
Benzo[b]fluoranthene	0.8366 1.2292	1.0985	1.1049	1.1803	1.2048	Ave		1.1091				12.9		15.0			
Benzo[k]fluoranthene	1.0770 1.3059	1.3554	1.3807	1.3167	1.2620	Ave		1.2829				8.5		15.0			
Benzo[a]pyrene	0.6702 1.0406	0.9081	0.9258	0.9713	0.9737	Ave		0.9150				14.0		30.0			
Indeno[1,2,3-cd]pyrene	0.5001 0.9595	0.7130	0.7640	0.8235	0.8450	QuaF		1.3499	-0.106						0.9998		0.9900
Dibenz(a,h)anthracene	0.5206 1.0037	0.8354	0.8502	0.9095	0.9249	LinF		0.9713							0.9954		0.9900
Benzo[g,h,i]perylene	0.7987 1.0390	0.9176	0.9342	0.9275	0.9576	Ave		0.9291				8.3		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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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-Fluorophenol	1.3986 1.2826	1.3898	1.3906	1.2876	1.2186	Ave		1.3280				5.7		15.0			
Phenol-d5	1.5995 1.3715	1.5732	1.5427	1.4029	1.3097	Ave		1.4666				8.2		15.0			
Nitrobenzene-d5	0.3719 0.3654	0.3644	0.3801	0.3745	0.3560	Ave		0.3687				2.3		15.0			
2-Fluorobiphenyl	1.5068 1.4398	1.4804	1.5010	1.4084	1.3543	Ave		1.4484				4.1		15.0			
2,4,6-Tribromophenol	0.1236 0.1058	0.1309	0.1290	0.1266	0.1153	Ave		0.1219				7.9		15.0			
Terphenyl-d14	1.1958 1.2769	1.1826	1.2372	1.2355	1.2375	Ave		1.2276				2.8		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-131301/7	x30848.d
Level 2	IC 460-131301/6	x30847.d
Level 3	IC 460-131301/5	x30846.d
Level 4	ICIS 460-131301/2	x30843.d
Level 5	IC 460-131301/4	x30845.d
Level 6	IC 460-131301/3	x30844.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-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	73671 1616398	131448	241330	610106	1027300	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	88787 2161951	168840	306536	809844	1401434	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	164306 3595021	310249	579403	1419290	2454208	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1501	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	101355 +++++	181496	297569	542915	570884	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	221927 +++++	411195	732522	1801265	2778145	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	232525 3975671	401040	702065	1712001	2778056	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	17416 5141636	275814	508813	1328932	2385678	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	196923 3278759	344074	600646	1485322	2461851	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	170373 3561646	313632	600608	1512574	2428302	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	203112 4290490	382004	687238	1733962	2875750	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	202141 4275397	378513	680800	1722879	2840925	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	86454 2030072	170354	324086	844646	1364994	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.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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
1,2-Dichlorobenzene	DCB	Ave	192742 3908118	350527	639753	1578858	2568984	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	152371 2523749	268795	469606	1127512	1860004	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	177601 3732616	327256	598917	1522098	2510536	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	186775 3864467	356735	650539	1630506	2711357	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	8733 2117170	176570	333305	837438	1177132	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	151101 2412600	266956	469409	1129478	1833617	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	151403 2414975	263873	469409	1129478	1833617	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	6887 1580577	138126	254374	657691	1100797	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	20467 4019242	384384	721890	1793206	2891072	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	21040 4589881	422051	783131	1911947	3158342	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	221196 4999568	411378	776213	1999906	3409790	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	87186 1814437	154331	291343	761401	1286079	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	141705 2426741	243307	437787	1074468	1799198	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	144049 3197737	264138	505492	1301669	2188778	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	37862 1471647	93844	203786	481163	1067193	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	127632 2087879	215480	391562	942440	1544095	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	13882 2854726	250646	457425	1142109	1923821	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	450344 9022288	826930	1527551	3783716	6196730	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	159782 2847334	285914	537830	1281287	2089712	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	15267 1628135	141240	254320	647927	1085983	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	21409 574509	43822	88612	234716	410545	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.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	104464 1873340	174667	333448	856623	1442797	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	258248 5417409	480629	902683	2223185	3658385	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	267112 5485982	470108	938685	2258460	3781796	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	53519 1448843	91848	190747	542139	926840	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	115192 2398997	200344	380117	950880	1612827	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	166920 2950149	300722	606861	1472739	2459732	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	71331 1424102	122440	224003	572574	982918	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	71595 1190777	124567	228420	572595	932273	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	278633 4931074	524903	960597	2378445	3983131	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	220366 4335109	408605	744607	1815273	2998191	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	147718 3112952	269763	518445	1289316	2121077	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	113706 962012	117352	224743	502327	765298	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	177599 3687749	314883	635649	1565608	2564167	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	181371 3925959	344006	650337	1662628	2772919	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	59680 1349656	110334	223861	583693	960858	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	7406 960893	77367	149123	402764	681061	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	331907 6376059	586121	1106853	2759055	4452581	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	88190 819044	79701	157550	395941	629030	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	192894 3803873	348188	649824	1604880	2665240	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	161987 3156631	300780	625322	1504593	2603477	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	25838 414418	37039	71304	150704	299885	15.0 120	20.0	30.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Nitrophenol	ANT	Ave	72213 613426	94785	131705	247704	424780	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	266850 5198993	488081	916583	2246470	3681002	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	9533 1069245	89035	175719	463078	758651	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	37738 763193	65980	129231	353527	584820	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	163083 3371821	312961	597693	1572865	2632360	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	196495 4118917	366776	693190	1721077	2865370	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	99475 1957436	180150	337059	815738	1367584	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	70170 640602	65124	128128	310268	468356	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	55103 464250	66935	118203	220868	374611	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	122786 2132631	220261	442838	1114141	1824105	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	180604 4782737	399177	769592	1975337	3209643	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	45435 961633	84776	165411	417517	682434	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	4932 906384	86709	161668	401593	647690	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	34582 617539	64153	121982	324971	498029	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	49219 462350	62284	105321	201047	343592	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	16312 353172	31279	61634	157689	270204	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	93637 2277563	175035	370243	950164	1664620	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	224471 4348405	408268	765766	1939775	3068780	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	214170 4283776	403333	769071	1976706	3097429	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	175518 3221436	320578	594170	1513150	2327274	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	191717 4546393	378679	746621	1993693	3251004	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.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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
Fluoranthene	PHN	Ave	172109 3330712	317161	609069	1557097	2399732	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	38423 +++++	186014	182230	100624	54546	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	171330 3211210	322138	604533	1538593	2316979	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	53937 1349938	109446	223215	610795	949544	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	27370 887676	59041	137975	377944	596600	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	67669 439183	129742	183787	261337	344999	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	13580 2132484	208174	386372	995237	1501931	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	109799 2088599	214884	398933	1005235	1513512	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	LinF	66869 1818955	137808	284863	786101	1265727	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	LinF	64932 2516257	156171	363020	1068533	1747548	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	5703 1662404	136396	267721	735675	1155604	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	7342 1766024	168286	334564	820674	1210462	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	4569 1407259	112757	224338	605427	933881	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	3409 1297668	88529	185114	513266	810507	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	3549 1357350	103728	206021	566885	887116	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	54451 1405118	113930	226367	578073	918491	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	161019 3251570	296370	560730	1368588	2214717	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	184143 3476912	335470	622059	1491125	2380257	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	151616 3287308	270524	542844	1395927	2293674	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	253279 5135630	441950	891885	2162023	3542399	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	20772 377479	39076	76629	194363	301524	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.: 460-45509-1 Analy Batch No.: 131301

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2012 14:54 Calibration End Date: 10/09/2012 17:00 Calibration ID: 17999

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
Terphenyl-d14	CRY	Ave	111422 2116059	201989	401380	1026830	1565451	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

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

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30843.d
Report Date: 10-Oct-2012 02:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30843.d
Lab Smp Id: ICIS-1687742
Inj Date : 09-OCT-2012 14:54
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : ICIS-1687742
Misc Info : 50ppm bna4690
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/8270C_11.m
Meth Date : 10-Oct-2012 02:39 asfawa Quant Type: ISTD
Cal Date : 09-OCT-2012 14:54 Cal File: x30843.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: 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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.243	1.243	(0.330)	610106	50.0000	50
19	N-Nitrosodimethylamine	74	1.454	1.454	(0.387)	809844	50.0000	50
71	Pyridine	79	1.472	1.472	(0.392)	1419290	50.0000	50
$ 16	2-Fluorophenol (SUR)	112	2.513	2.513	(0.668)	1368588	50.0000	50
110	Benzaldehyde	77	3.313	3.313	(0.881)	542915	50.0000	50
73	Aniline	93	3.431	3.431	(0.912)	1801265	50.0000	50
$ 17	Phenol-d5 (SUR)	99	3.437	3.437	(0.914)	1491125	50.0000	50
1	Phenol	94	3.448	3.448	(0.917)	1712001	50.0000	50
20	bis(2-Chloroethyl)ether	93	3.507	3.507	(0.933)	1328932	50.0000	50
2	2-Chlorophenol	128	3.560	3.560	(0.947)	1485322	50.0000	50
113	n-decane	43	3.625	3.625	(0.964)	1512574	50.0000	50
21	1,3-Dichlorobenzene	146	3.701	3.701	(0.984)	1733962	50.0000	50
* 79	1,4-Dichlorobenzene-d4	152	3.760	3.760	(1.000)	850307	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30843.d
Report Date: 10-Oct-2012 02:39

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
22	1,4-Dichlorobenzene	146	3.778	3.778	(1.005)	1722879	50.0000	50
74	Benzyl Alcohol	108	3.919	3.919	(1.042)	844646	50.0000	50
23	1,2-Dichlorobenzene	146	3.931	3.931	(1.045)	1578858	50.0000	50
24	bis (2-chloroisopropyl) ether	45	4.054	4.054	(1.078)	1522098	50.0000	50
3	2-Methylphenol	108	4.054	4.054	(1.078)	1127512	50.0000	50
104	Acetophenone	105	4.184	4.184	(1.113)	1630506	50.0000	50
25	N-Nitroso-di-n-propylamine	70	4.195	4.195	(1.116)	837438	50.0000	50
4	4-Methylphenol	108	4.213	4.213	(1.120)	1129478	50.0000	50
123	3 & 4 Methylphenol	108	4.213	4.213	(1.120)	1129478	50.0000	50
26	Hexachloroethane	117	4.272	4.272	(1.136)	657691	50.0000	50
$ 76	Nitrobenzene-d5 (SUR)	82	4.331	4.331	(0.858)	1395927	50.0000	50
27	Nitrobenzene	77	4.354	4.354	(0.862)	1793206	50.0000	50
107	N,N-Dimethylaniline	120	4.354	4.354	(1.158)	1911947	50.0000	50
28	Isophorone	82	4.595	4.595	(0.910)	1999906	50.0000	50
5	2-Nitrophenol	139	4.666	4.666	(0.924)	761401	50.0000	50
6	2,4-Dimethylphenol	122	4.748	4.748	(0.941)	1074468	50.0000	50
29	bis(2-Chloroethoxy)methane	93	4.831	4.831	(0.957)	1301669	50.0000	50
15	Benzoic Acid	122	4.901	4.901	(0.971)	481163	50.0000	50
7	2,4-Dichlorophenol	162	4.925	4.925	(0.976)	942440	50.0000	50
30	1,2,4-Trichlorobenzene	180	4.995	4.995	(0.990)	1142109	50.0000	50
* 80	Naphthalene-d8	136	5.048	5.048	(1.000)	2982239	40.0000	
31	Naphthalene	128	5.066	5.066	(1.003)	3783716	50.0000	50
32	4-Chloroaniline	127	5.137	5.137	(1.017)	1281287	50.0000	50
33	Hexachlorobutadiene	225	5.207	5.207	(1.031)	647927	50.0000	50
111	Caprolactam	113	5.519	5.519	(1.093)	234716	50.0000	50
8	4-Chloro-3-methylphenol	107	5.660	5.660	(1.121)	856623	50.0000	50
34	2-Methylnaphthalene	142	5.760	5.760	(1.141)	2223185	50.0000	50
120	1-Methylnaphthalene	142	5.860	5.860	(1.161)	2258460	50.0000	50
35	Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	542139	50.0000	50
129	1,2,4,5-Tetrachlorobenzene	216	5.937	5.937	(0.874)	950880	50.0000	50
121	2-tert-Butyl-4-methylphenol	149	6.001	6.001	(1.189)	1472739	50.0000	50
9	2,4,6-Trichlorophenol	196	6.060	6.060	(0.893)	572574	50.0000	50
10	2,4,5-Trichlorophenol	196	6.101	6.101	(0.899)	572595	50.0000	50
$ 77	2-Fluorobiphenyl (SUR)	172	6.137	6.137	(0.904)	2162023	50.0000	50
102	Diphenyl	154	6.231	6.231	(0.918)	2378445	50.0000	50
36	2-Chloronaphthalene	162	6.242	6.242	(0.919)	1815273	50.0000	50
103	Diphenyl Ether	170	6.342	6.342	(0.934)	1289316	50.0000	50
37	2-Nitroaniline	65	6.360	6.360	(0.937)	502327	50.0000	50
125	1,3-Dimethylnaphthalene	156	6.466	6.466	(0.952)	1565608	50.0000	50
38	Dimethylphthalate	163	6.554	6.554	(0.965)	1662628	50.0000	50
114	Coumarin	146	6.554	6.554	(1.298)	583693	50.0000	50
40	2,6-Dinitrotoluene	165	6.601	6.601	(0.972)	402764	50.0000	50
39	Acenaphthylene	152	6.648	6.648	(0.979)	2759055	50.0000	50
41	3-Nitroaniline	138	6.766	6.766	(0.997)	395941	50.0000	50
* 82	Acenaphthene-d10	164	6.789	6.789	(1.000)	1228110	40.0000	
42	Acenaphthene	154	6.819	6.819	(1.004)	1604880	50.0000	50
122	2,6-Di-tert-butyl-p-cresol	205	6.836	6.836	(1.007)	1504593	50.0000	50

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30843.d
Report Date: 10-Oct-2012 02:39

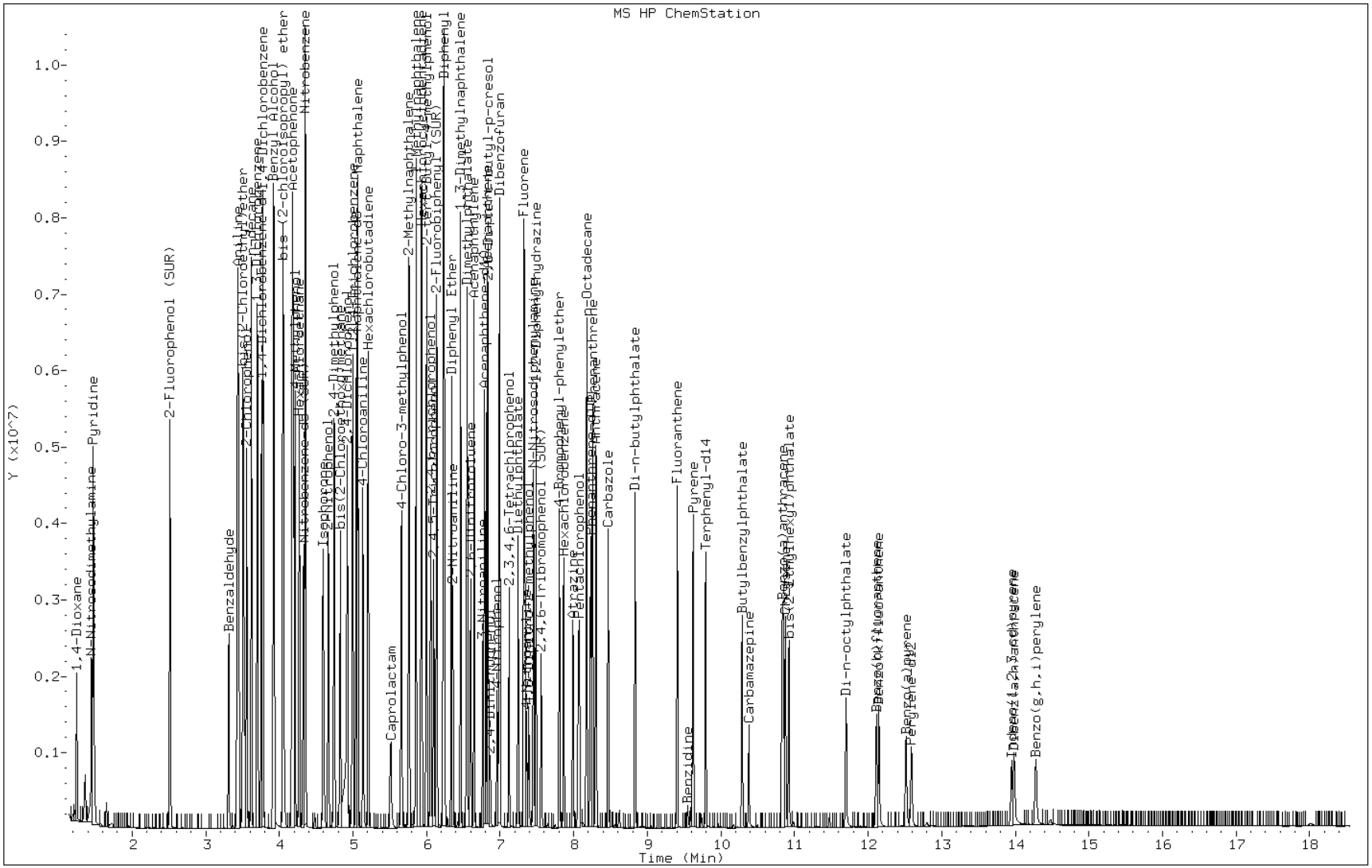
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.866	6.866	(1.011)	150704	50.0000	50
	12 4-Nitrophenol	65	6.960	6.960	(1.025)	247704	50.0000	50
	43 Dibenzofuran	168	6.989	6.989	(1.029)	2246470	50.0000	50
	44 2,4-Dinitrotoluene	165	6.989	6.989	(1.029)	463078	50.0000	50
	130 2,3,4,6-Tetrachlorophenol	232	7.125	7.125	(1.049)	353527	50.0000	50
	45 Diethylphthalate	149	7.248	7.248	(1.068)	1572865	50.0000	50
	47 Fluorene	166	7.325	7.325	(1.079)	1721077	50.0000	50
	46 4-Chlorophenyl-phenylether	204	7.336	7.336	(1.081)	815738	50.0000	50
	48 4-Nitroaniline	138	7.366	7.366	(1.085)	310268	50.0000	50
	13 4,6-Dinitro-2-methylphenol	198	7.389	7.389	(0.898)	220868	50.0000	50
	49 N-Nitrosodiphenylamine	169	7.454	7.454	(0.906)	1114141	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.489	7.489	(0.910)	1975337	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.560	7.560	(1.113)	194363	50.0000	50
	50 4-Bromophenyl-phenylether	248	7.807	7.807	(0.949)	417517	50.0000	50
	51 Hexachlorobenzene	284	7.866	7.866	(0.956)	401593	50.0000	50
	112 Atrazine	200	7.995	7.995	(0.971)	324971	50.0000	50
	14 Pentachlorophenol	266	8.066	8.066	(0.980)	201047	50.0000	50
	132 Pentachloronitrobenzene	237	8.078	8.078	(0.981)	157689	50.0000	50
	115 n-Octadecane	57	8.178	8.178	(0.994)	950164	50.0000	50
*	83 Phenanthrene-d10	188	8.231	8.231	(1.000)	1414571	40.0000	
	52 Phenanthrene	178	8.254	8.254	(1.003)	1939775	50.0000	50
	53 Anthracene	178	8.307	8.307	(1.009)	1976706	50.0000	50
	54 Carbazole	167	8.472	8.472	(1.029)	1513150	50.0000	50
	55 Di-n-butylphthalate	149	8.836	8.836	(1.074)	1993693	50.0000	50
	56 Fluoranthene	202	9.407	9.407	(1.143)	1557097	50.0000	50
	58 Benzidine	184	9.548	9.548	(1.160)	100624	50.0000	50
	57 Pyrene	202	9.625	9.625	(0.887)	1538593	50.0000	50
$	78 Terphenyl-d14	244	9.795	9.795	(0.903)	1026830	50.0000	50
	59 Butylbenzylphthalate	149	10.289	10.289	(0.948)	610795	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.366	10.366	(0.956)	1501	0.50000	0.50
	124 Carbamazepine	193	10.383	10.383	(0.957)	377944	50.0000	50
	60 3,3'-Dichlorobenzidine	252	10.830	10.830	(0.998)	261337	50.0000	50
	61 Benzo(a)anthracene	228	10.836	10.836	(0.999)	995237	50.0000	50
*	81 Chrysene-d12	240	10.848	10.848	(1.000)	664900	40.0000	
	62 Chrysene	228	10.877	10.877	(1.003)	1005235	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	10.924	10.924	(1.007)	786101	50.0000	50
	64 Di-n-octylphthalate	149	11.701	11.701	(0.929)	1068533	50.0000	50
	65 Benzo(b)fluoranthene	252	12.113	12.113	(0.962)	735675	50.0000	50
	66 Benzo(k)fluoranthene	252	12.148	12.148	(0.965)	820674	50.0000	50
	67 Benzo(a)pyrene	252	12.518	12.518	(0.994)	605427	50.0000	50
*	84 Perylene-d12	264	12.589	12.589	(1.000)	498632	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.948	13.948	(1.108)	513266	50.0000	50
	69 Dibenz(a,h)anthracene	278	13.983	13.983	(1.111)	566885	50.0000	50
	70 Benzo(g,h,i)perylene	276	14.283	14.283	(1.135)	578073	50.0000	50

Data File: x30843.d

Date: 09-OCT-2012 14:54

Client ID: Instrument: BNAMS5.i

Sample Info: ICIS-1687742 Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30844.d
Report Date: 10-Oct-2012 02:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30844.d
Lab Smp Id: IC-1687749
Inj Date : 09-OCT-2012 15:19
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1687749
Misc Info : 120 ppm bna 4690
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/8270C_11.m
Meth Date : 10-Oct-2012 02:39 asfawa Quant Type: ISTD
Cal Date : 09-OCT-2012 15:19 Cal File: x30844.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: 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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.366	1.366	(0.362)	1616398	120.000	130(AM)
	19 N-Nitrosodimethylamine	74	1.560	1.560	(0.414)	2161951	120.000	130(AM)
	71 Pyridine	79	1.578	1.578	(0.418)	3595021	120.000	120(AM)
$	16 2-Fluorophenol (SUR)	112	2.590	2.590	(0.687)	3251570	120.000	120
	110 Benzaldehyde	77	3.348	3.348	(0.888)	486873	120.000	45(M)
	73 Aniline	93	3.454	3.454	(0.916)	2350156	120.000	66
$	17 Phenol-d5 (SUR)	99	3.460	3.460	(0.917)	3476912	120.000	120
	1 Phenol	94	3.472	3.472	(0.920)	3975671	120.000	120
	20 bis(2-Chloroethyl)ether	93	3.542	3.542	(0.939)	5141636	120.000	120(A)
	2 2-Chlorophenol	128	3.595	3.595	(0.953)	3278759	120.000	120
	113 n-decane	43	3.631	3.631	(0.963)	3561646	120.000	120
	21 1,3-Dichlorobenzene	146	3.719	3.719	(0.986)	4290490	120.000	120(A)
*	79 1,4-Dichlorobenzene-d4	152	3.772	3.772	(1.000)	845014	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30844.d
Report Date: 10-Oct-2012 02:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.795	3.795	(1.006)	4275397	120.000	120(A)
	74 Benzyl Alcohol	108	3.937	3.937	(1.044)	2030072	120.000	120(AM)
	23 1,2-Dichlorobenzene	146	3.942	3.942	(1.045)	3908118	120.000	120(A)
	24 bis (2-chloroisopropyl) ether	45	4.066	4.066	(1.078)	3732616	120.000	120(A)
	3 2-Methylphenol	108	4.072	4.072	(1.080)	2523749	120.000	120
	104 Acetophenone	105	4.207	4.207	(1.115)	3864467	120.000	120
	25 N-Nitroso-di-n-propylamine	70	4.219	4.219	(1.119)	2117170	120.000	120(AM)
	4 4-Methylphenol	108	4.242	4.242	(1.125)	2414975	120.000	110
	123 3 & 4 Methylphenol	108	4.242	4.242	(1.125)	2412600	120.000	110
	26 Hexachloroethane	117	4.278	4.278	(1.134)	1580577	120.000	120(A)
$	76 Nitrobenzene-d5 (SUR)	82	4.348	4.348	(0.860)	3287308	120.000	120
	27 Nitrobenzene	77	4.378	4.378	(0.866)	4019242	120.000	120
	107 N,N-Dimethylaniline	120	4.378	4.378	(1.161)	4589881	120.000	120(A)
	28 Isophorone	82	4.619	4.619	(0.914)	4999568	120.000	120(A)
	5 2-Nitrophenol	139	4.678	4.678	(0.926)	1814437	120.000	120
	6 2,4-Dimethylphenol	122	4.760	4.760	(0.942)	2426741	120.000	120
	29 bis(2-Chloroethoxy)methane	93	4.842	4.842	(0.958)	3197737	120.000	120(A)
	15 Benzoic Acid	122	4.978	4.978	(0.985)	1471647	120.000	120(A)
	7 2,4-Dichlorophenol	162	4.937	4.937	(0.977)	2087879	120.000	110
	30 1,2,4-Trichlorobenzene	180	5.001	5.001	(0.990)	2854726	120.000	120(A)
*	80 Naphthalene-d8	136	5.054	5.054	(1.000)	2998884	40.0000	
	31 Naphthalene	128	5.078	5.078	(1.005)	9022288	120.000	120
	32 4-Chloroaniline	127	5.148	5.148	(1.019)	2847334	120.000	120
	33 Hexachlorobutadiene	225	5.213	5.213	(1.031)	1628135	120.000	120(A)
	111 Caprolactam	113	5.584	5.584	(1.105)	574509	120.000	120(AH)
	8 4-Chloro-3-methylphenol	107	5.678	5.678	(1.123)	1873340	120.000	110
	34 2-Methylnaphthalene	142	5.772	5.772	(1.142)	5417409	120.000	120(A)
	120 1-Methylnaphthalene	142	5.872	5.872	(1.162)	5485982	120.000	120(A)
	35 Hexachlorocyclopentadiene	237	5.936	5.936	(0.874)	1448843	120.000	130(A)
	129 1,2,4,5-Tetrachlorobenzene	216	5.942	5.942	(0.874)	2398997	120.000	120(A)
	121 2-tert-Butyl-4-methylphenol	149	6.013	6.013	(1.190)	2950149	120.000	110
	9 2,4,6-Trichlorophenol	196	6.066	6.066	(0.893)	1424102	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	6.113	6.113	(0.900)	1190777	120.000	110
$	77 2-Fluorobiphenyl (SUR)	172	6.148	6.148	(0.905)	5135630	120.000	120(A)
	102 Diphenyl	154	6.242	6.242	(0.919)	4931074	120.000	110
	36 2-Chloronaphthalene	162	6.254	6.254	(0.920)	4335109	120.000	120(A)
	103 Diphenyl Ether	170	6.348	6.348	(0.934)	3112952	120.000	120(A)
	37 2-Nitroaniline	65	6.372	6.372	(0.938)	962012	120.000	110
	125 1,3-Dimethylnaphthalene	156	6.472	6.472	(0.952)	3687749	120.000	120(A)
	38 Dimethylphthalate	163	6.566	6.566	(0.966)	3925959	120.000	120(A)
	114 Coumarin	146	6.572	6.572	(1.300)	1349656	120.000	120
	40 2,6-Dinitrotoluene	165	6.613	6.613	(0.973)	960893	120.000	120(A)
	39 Acenaphthylene	152	6.660	6.660	(0.980)	6376059	120.000	120
	41 3-Nitroaniline	138	6.778	6.778	(0.997)	819044	120.000	110
*	82 Acenaphthene-d10	164	6.795	6.795	(1.000)	1188985	40.0000	
	42 Acenaphthene	154	6.831	6.831	(1.005)	3803873	120.000	120(A)
	122 2,6-Di-tert-butyl-p-cresol	205	6.848	6.848	(1.008)	3156631	120.000	110

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30844.d
Report Date: 10-Oct-2012 02:39

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.878	6.878	(1.012)	414418	120.000	120(A)
	12 4-Nitrophenol	65	6.978	6.978	(1.027)	613426	120.000	120(A)
	43 Dibenzofuran	168	7.001	7.001	(1.030)	5198993	120.000	120
	44 2,4-Dinitrotoluene	165	7.007	7.007	(1.031)	1069245	120.000	120
	130 2,3,4,6-Tetrachlorophenol	232	7.130	7.130	(1.049)	763193	120.000	120
	45 Diethylphthalate	149	7.254	7.254	(1.068)	3371821	120.000	120
	47 Fluorene	166	7.330	7.330	(1.079)	4118917	120.000	120(A)
	46 4-Chlorophenyl-phenylether	204	7.342	7.342	(1.081)	1957436	120.000	120(A)
	48 4-Nitroaniline	138	7.383	7.383	(1.087)	640602	120.000	110
	13 4,6-Dinitro-2-methylphenol	198	7.407	7.407	(0.899)	464250	120.000	120
	49 N-Nitrosodiphenylamine	169	7.466	7.466	(0.906)	2132631	120.000	110
	75 1,2-Diphenylhydrazine	77	7.495	7.495	(0.910)	4782737	120.000	130(A)
$	18 2,4,6-Tribromophenol (SUR)	330	7.572	7.572	(1.114)	377479	120.000	110
	50 4-Bromophenyl-phenylether	248	7.813	7.813	(0.949)	961633	120.000	120(A)
	51 Hexachlorobenzene	284	7.872	7.872	(0.956)	906384	120.000	120(A)
	112 Atrazine	200	8.001	8.001	(0.971)	617539	120.000	110
	14 Pentachlorophenol	266	8.072	8.072	(0.980)	462350	120.000	120(A)
	132 Pentachloronitrobenzene	237	8.083	8.083	(0.981)	353172	120.000	120(A)
	115 n-Octadecane	57	8.183	8.183	(0.994)	2277563	120.000	130(A)
*	83 Phenanthrene-d10	188	8.236	8.236	(1.000)	1277177	40.0000	
	52 Phenanthrene	178	8.260	8.260	(1.003)	4348405	120.000	120(A)
	53 Anthracene	178	8.313	8.313	(1.009)	4283776	120.000	120(A)
	54 Carbazole	167	8.477	8.477	(1.029)	3221436	120.000	120
	55 Di-n-butylphthalate	149	8.836	8.836	(1.073)	4546393	120.000	120(A)
	56 Fluoranthene	202	9.413	9.413	(1.143)	3330712	120.000	120
	58 Benzidine	184	9.554	9.554	(1.160)	58212	120.000	32
	57 Pyrene	202	9.630	9.630	(0.887)	3211210	120.000	120(A)
$	78 Terphenyl-d14	244	9.795	9.795	(0.902)	2116059	120.000	120(A)
	59 Butylbenzylphthalate	149	10.289	10.289	(0.948)	1349938	120.000	130(A)
	124 Carbamazepine	193	10.389	10.389	(0.957)	887676	120.000	120(A)
	60 3,3'-Dichlorobenzidine	252	10.830	10.830	(0.998)	439183	120.000	120
	61 Benzo(a)anthracene	228	10.842	10.842	(0.999)	2132484	120.000	120(A)
*	81 Chrysene-d12	240	10.854	10.854	(1.000)	552377	40.0000	
	62 Chrysene	228	10.883	10.883	(1.003)	2088599	120.000	120(A)
	63 bis(2-Ethylhexyl)phthalate	149	10.924	10.924	(1.006)	1818955	120.000	120(A)
	64 Di-n-octylphthalate	149	11.707	11.707	(0.929)	2516257	120.000	120(A)
	65 Benzo(b)fluoranthene	252	12.118	12.118	(0.962)	1662404	120.000	120(A)
	66 Benzo(k)fluoranthene	252	12.160	12.160	(0.965)	1766024	120.000	120
	67 Benzo(a)pyrene	252	12.524	12.524	(0.994)	1407259	120.000	120(A)
*	84 Perylene-d12	264	12.595	12.595	(1.000)	450797	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.959	13.959	(1.108)	1297668	120.000	120(A)
	69 Dibenz(a,h)anthracene	278	13.995	13.995	(1.111)	1357350	120.000	120(A)
	70 Benzo(g,h,i)perylene	276	14.295	14.295	(1.135)	1405118	120.000	130(A)

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30844.d
Report Date: 10-Oct-2012 02:39

QC Flag Legend

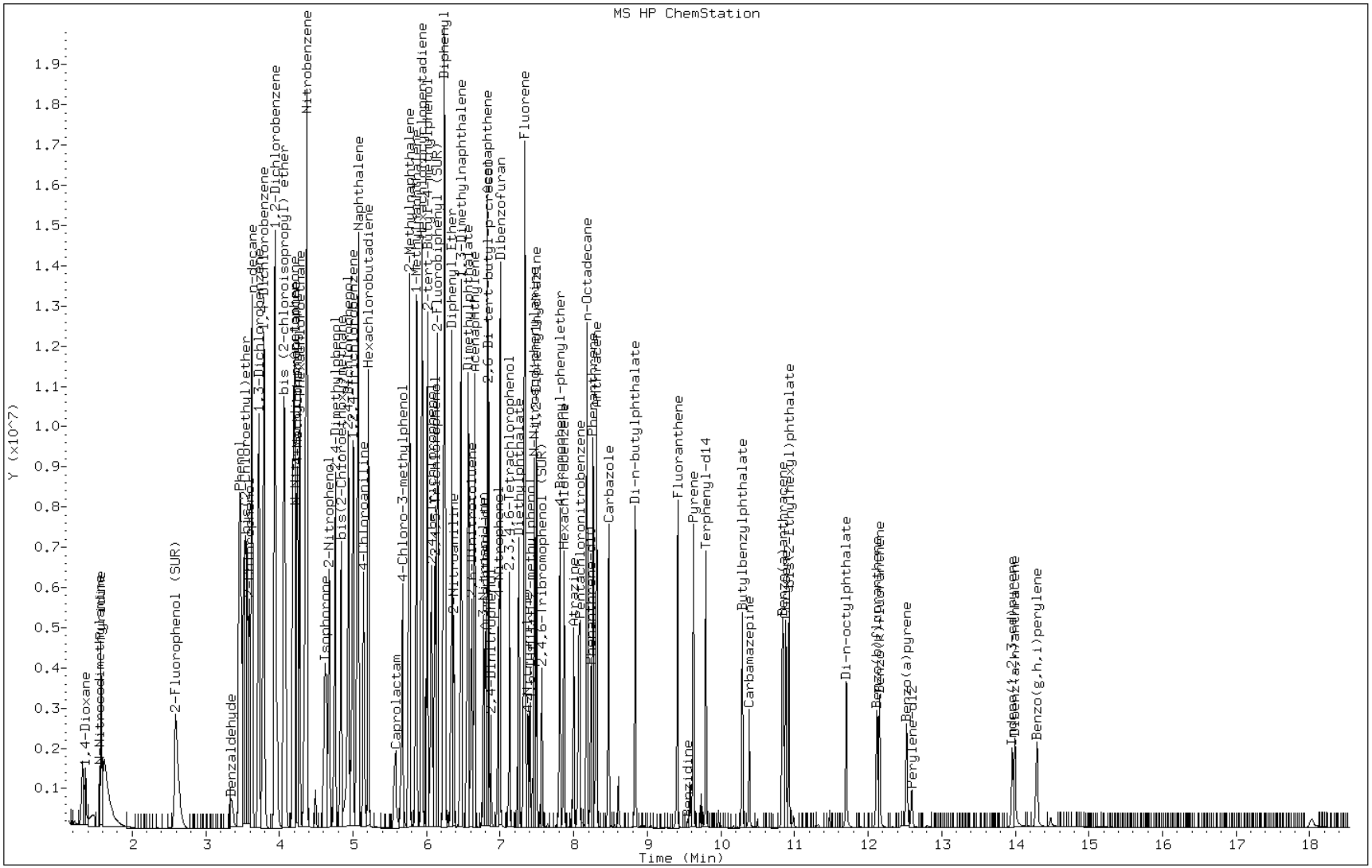
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x30844.d

Date: 09-OCT-2012 15:19

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1687749 Operator: BNAMS 4



Manual Integration Report

Data File: x30844.d
Inj. Date and Time: 09-OCT-2012 15:19
Instrument ID: BNAMS5.i
Client ID:
Compound: 106 1,4-Dioxane
CAS #: 123-91-1
Report Date: 10/10/2012

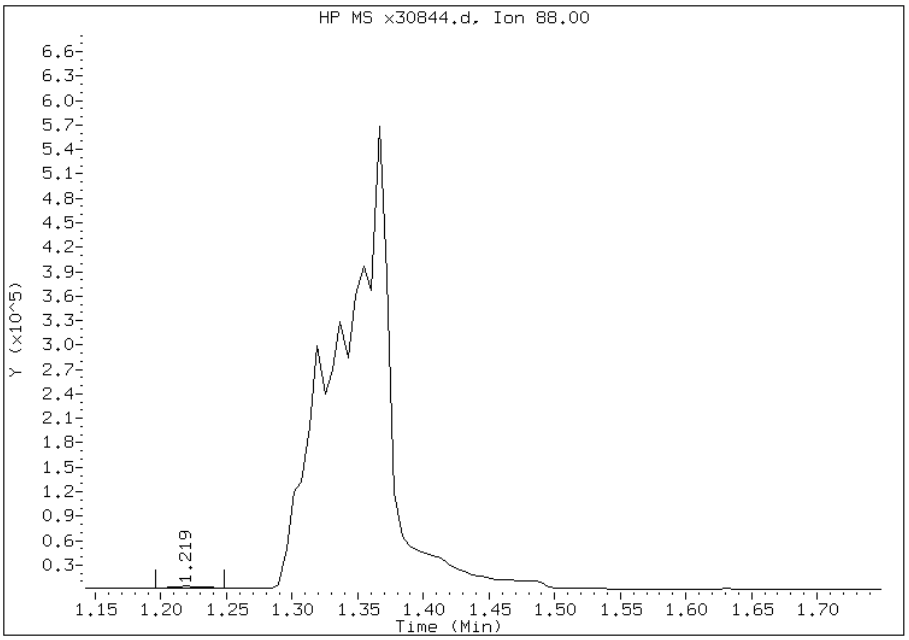
Processing Integration Results

RT: 1.22

Response: 4797

Amount: 1

Conc: 1



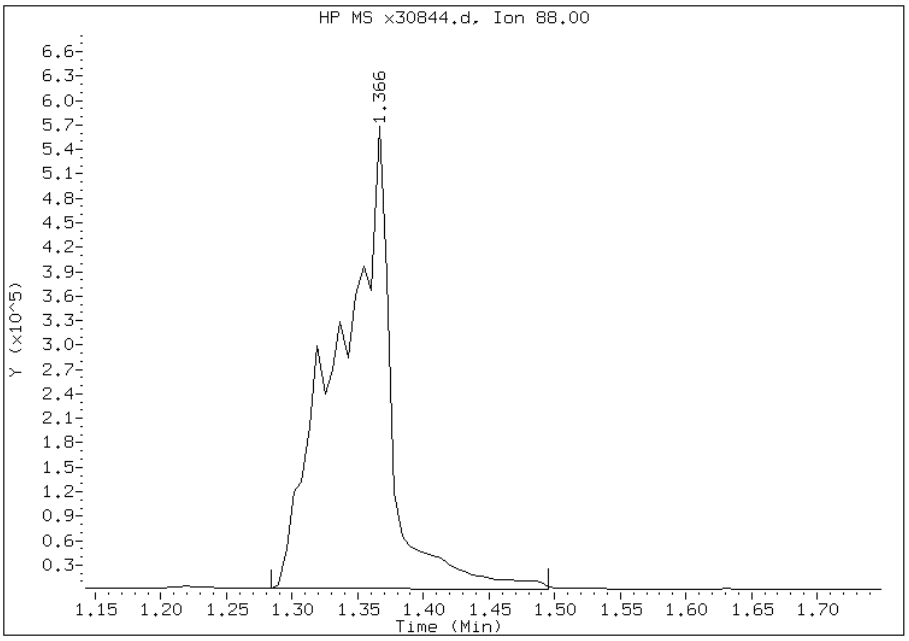
Manual Integration Results

RT: 1.37

Response: 1616398

Amount: 126

Conc: 126



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x30844.d
Inj. Date and Time: 09-OCT-2012 15:19
Instrument ID: BNAMS5.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 10/10/2012

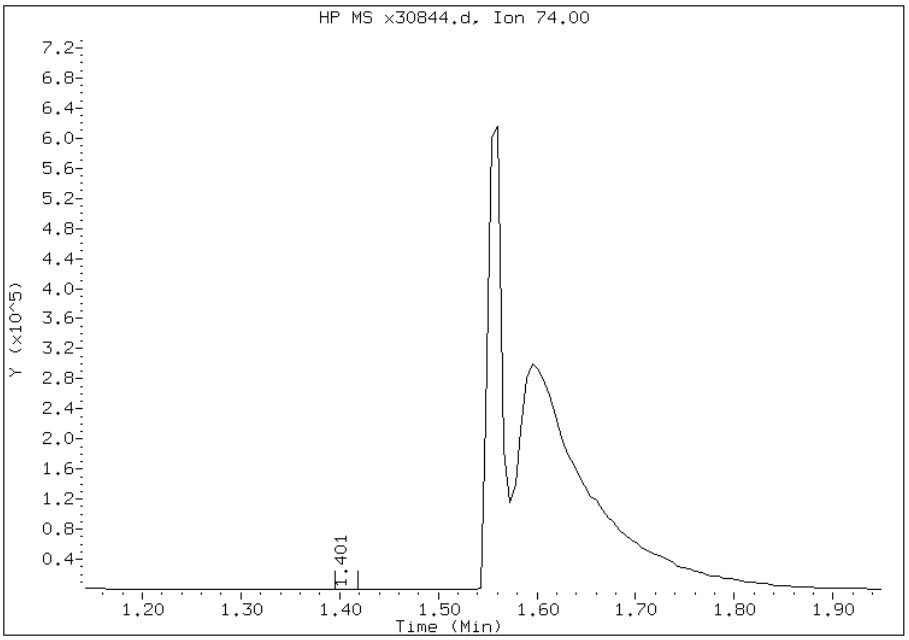
Processing Integration Results

RT: 1.40

Response: 717

Amount: 0

Conc: 0



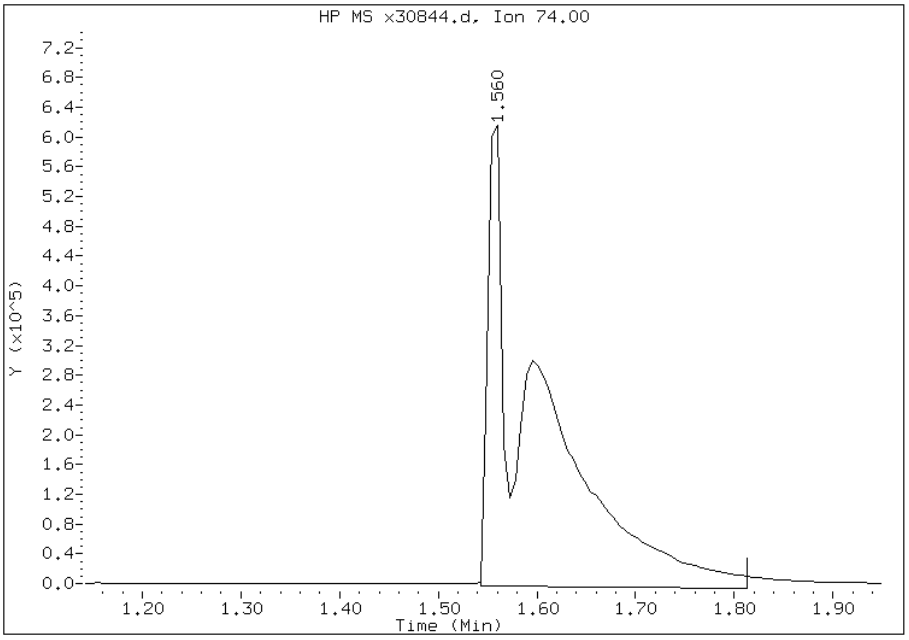
Manual Integration Results

RT: 1.56

Response: 2161951

Amount: 127

Conc: 127



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x30844.d
Inj. Date and Time: 09-OCT-2012 15:19
Instrument ID: BNAMS5.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 10/10/2012

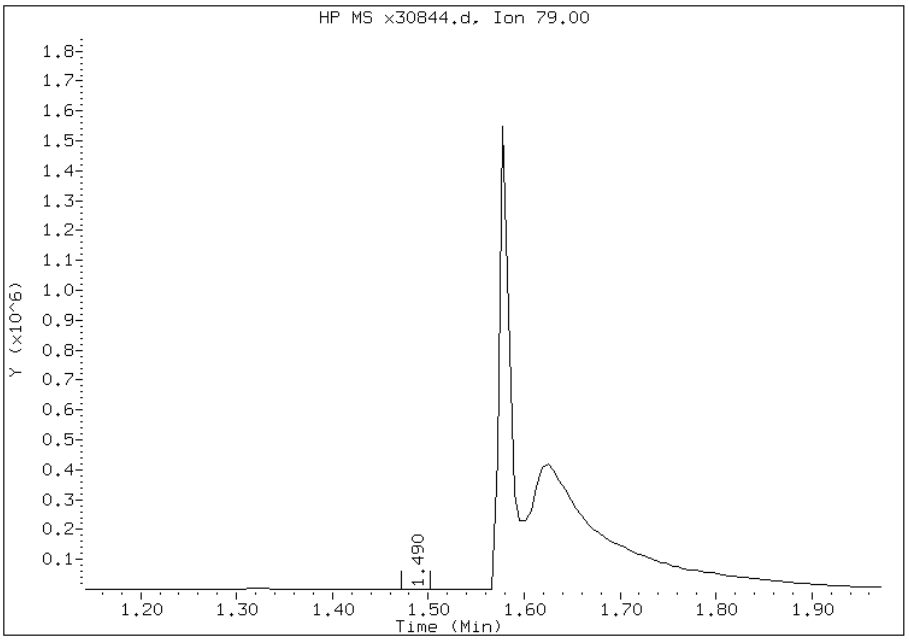
Processing Integration Results

RT: 1.49

Response: 219

Amount: 0

Conc: 0



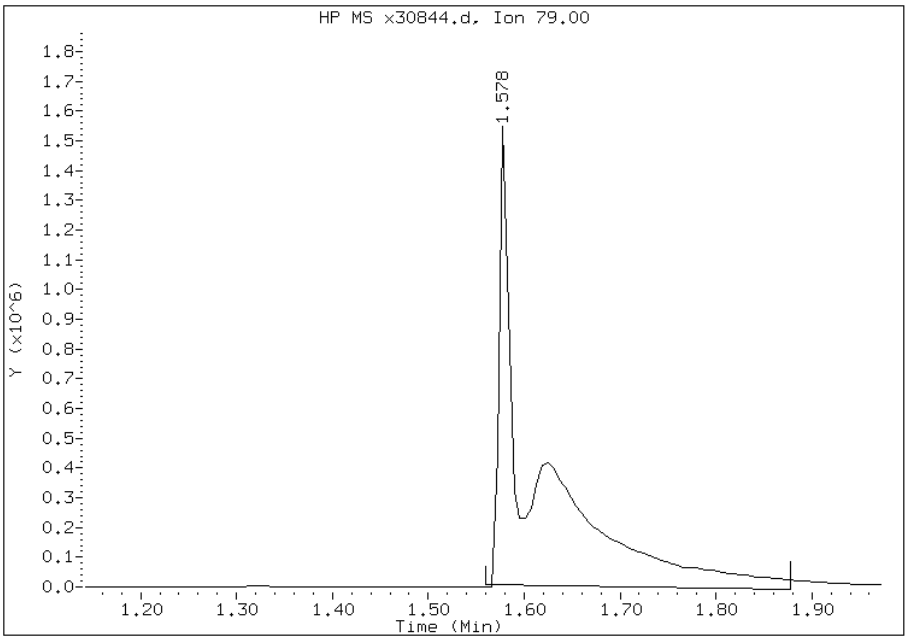
Manual Integration Results

RT: 1.58

Response: 3595021

Amount: 124

Conc: 124



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x30844.d
Inj. Date and Time: 09-OCT-2012 15:19
Instrument ID: BNAMS5.i
Client ID:
Compound: 110 Benzaldehyde
CAS #: 100-52-7
Report Date: 10/10/2012

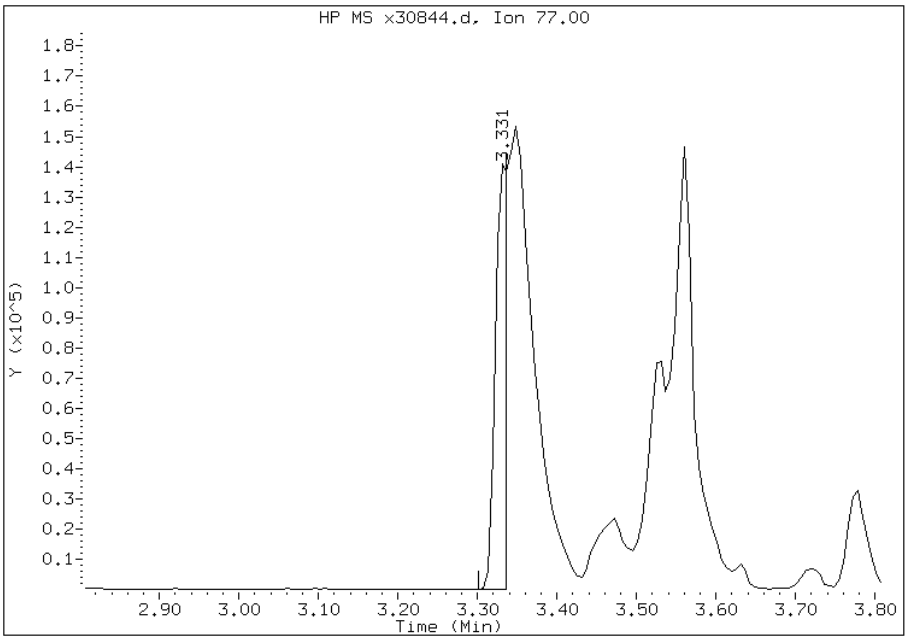
Processing Integration Results

RT: 3.33

Response: 156786

Amount: 11

Conc: 11



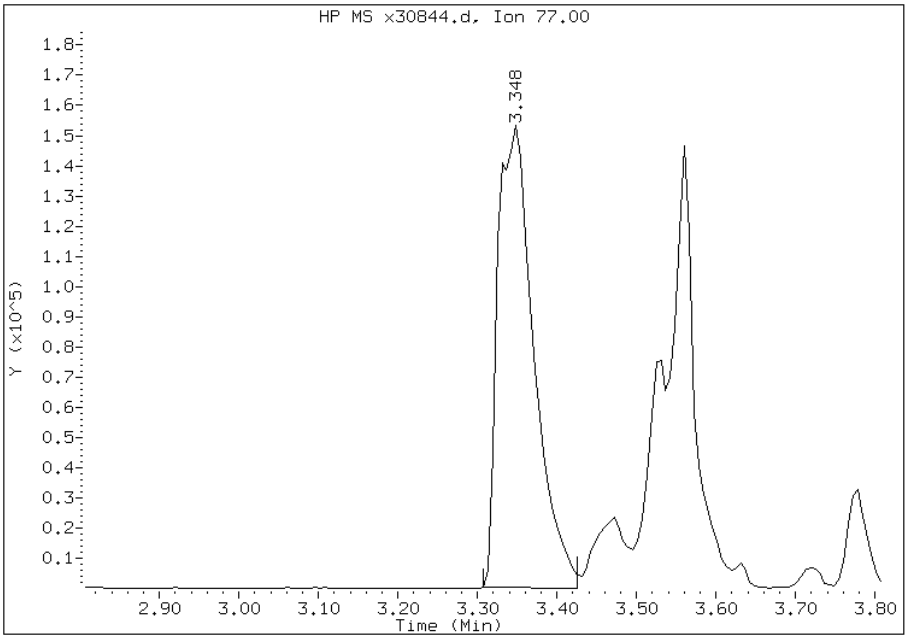
Manual Integration Results

RT: 3.35

Response: 486873

Amount: 45

Conc: 45



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x30844.d
Inj. Date and Time: 09-OCT-2012 15:19
Instrument ID: BNAMS5.i
Client ID:
Compound: 74 Benzyl Alcohol
CAS #: 100-51-6
Report Date: 10/10/2012

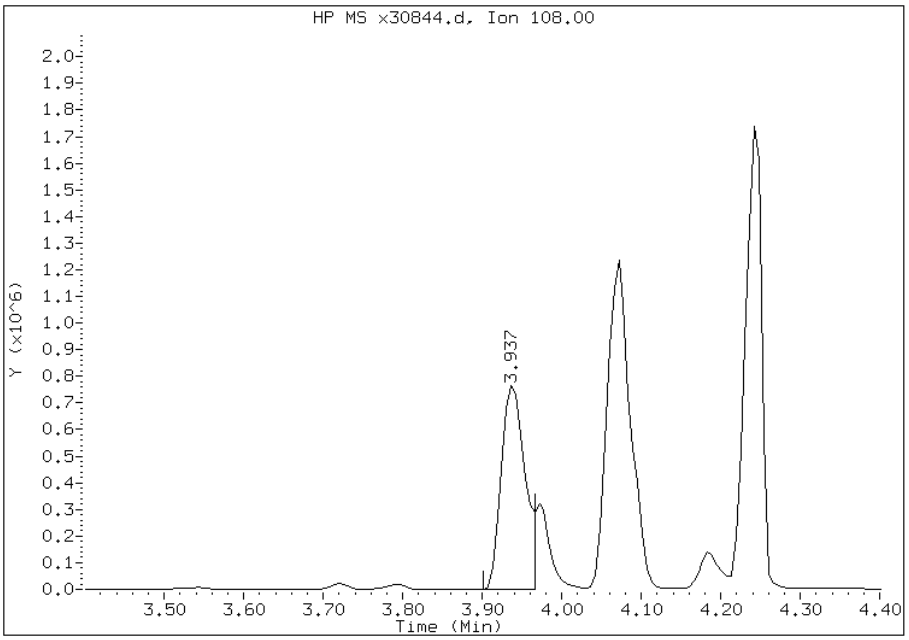
Processing Integration Results

RT: 3.94

Response: 1641796

Amount: 103

Conc: 103



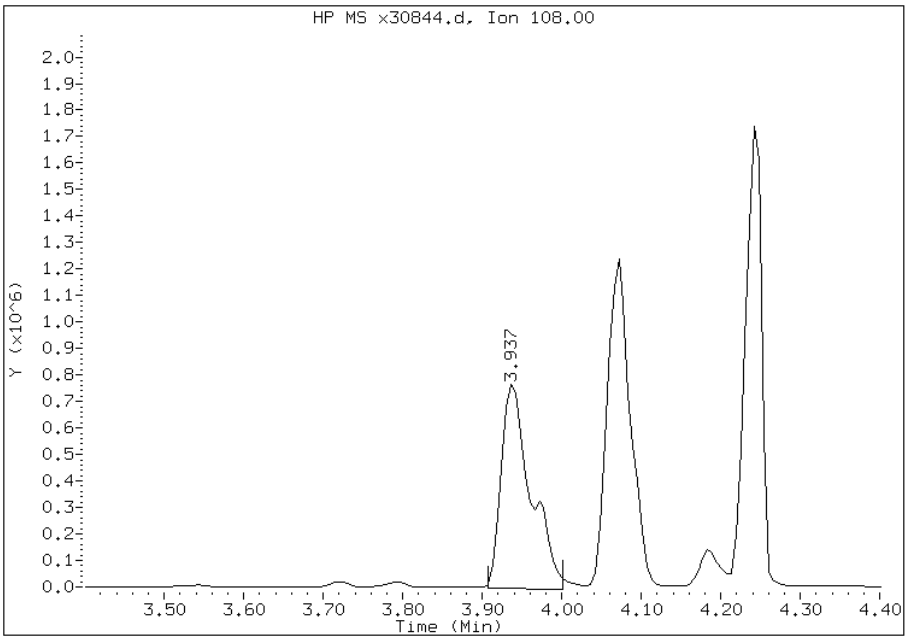
Manual Integration Results

RT: 3.94

Response: 2030072

Amount: 120

Conc: 120



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x30844.d
Inj. Date and Time: 09-OCT-2012 15:19
Instrument ID: BNAMS5.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 10/10/2012

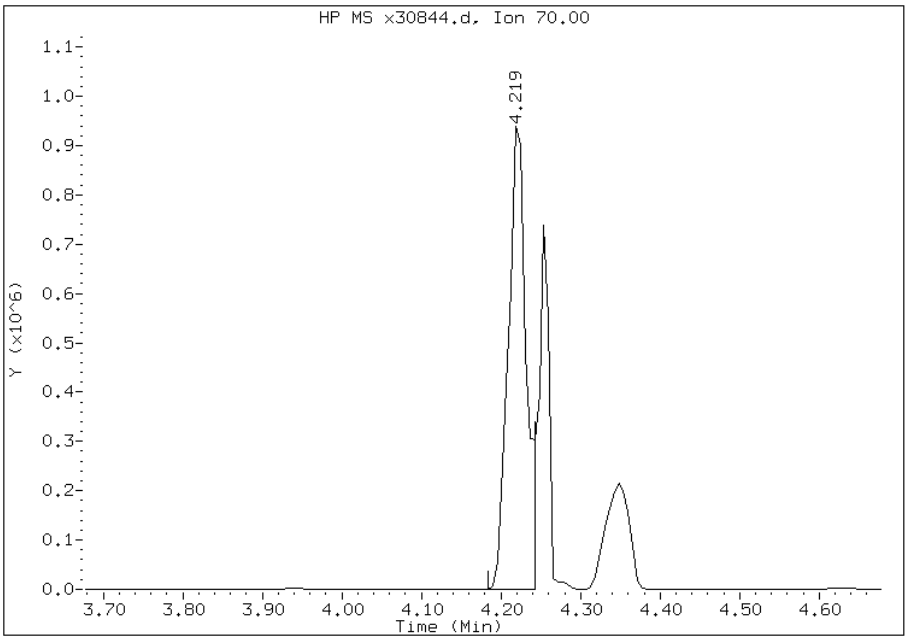
Processing Integration Results

RT: 4.22

Response: 1501517

Amount: 96

Conc: 96



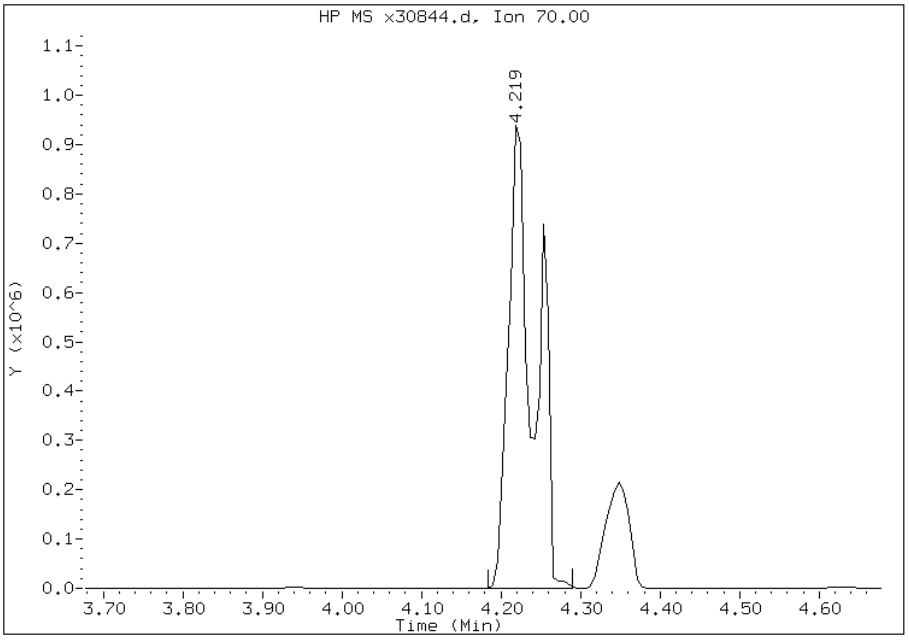
Manual Integration Results

RT: 4.22

Response: 2117170

Amount: 123

Conc: 123



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30845.d
Report Date: 10-Oct-2012 02:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30845.d
Lab Smp Id: IC-1687743
Inj Date : 09-OCT-2012 15:44
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1687743
Misc Info : 80 ppm bna 4690
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/8270C_11.m
Meth Date : 10-Oct-2012 02:39 asfawa Quant Type: ISTD
Cal Date : 09-OCT-2012 15:44 Cal File: x30845.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.302	1.302	(0.346)	1027300	80.0000	76(H)
19	N-Nitrosodimethylamine	74	1.496	1.496	(0.397)	1401434	80.0000	78(M)
71	Pyridine	79	1.519	1.519	(0.403)	2454208	80.0000	79(M)
$ 16	2-Fluorophenol (SUR)	112	2.554	2.554	(0.678)	2214717	80.0000	77
110	Benzaldehyde	77	3.325	3.325	(0.883)	570884	80.0000	61
73	Aniline	93	3.443	3.443	(0.914)	2778145	80.0000	76
$ 17	Phenol-d5 (SUR)	99	3.454	3.454	(0.917)	2380257	80.0000	77
1	Phenol	94	3.466	3.466	(0.920)	2778056	80.0000	78
20	bis(2-Chloroethyl)ether	93	3.525	3.525	(0.936)	2385678	80.0000	79
2	2-Chlorophenol	128	3.572	3.572	(0.948)	2461851	80.0000	80
113	n-decane	43	3.625	3.625	(0.962)	2428302	80.0000	77
21	1,3-Dichlorobenzene	146	3.713	3.713	(0.986)	2875750	80.0000	77
* 79	1,4-Dichlorobenzene-d4	152	3.766	3.766	(1.000)	908686	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30845.d
Report Date: 10-Oct-2012 02:39

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	3.784	3.784	(1.005)	2840925	80.0000	77
	74 Benzyl Alcohol	108	3.931	3.931	(1.044)	1364994	80.0000	77
	23 1,2-Dichlorobenzene	146	3.937	3.937	(1.045)	2568984	80.0000	76
	24 bis (2-chloroisopropyl) ether	45	4.060	4.060	(1.078)	2510536	80.0000	77
	3 2-Methylphenol	108	4.066	4.066	(1.080)	1860004	80.0000	80
	104 Acetophenone	105	4.195	4.195	(1.114)	2711357	80.0000	79
	25 N-Nitroso-di-n-propylamine	70	4.213	4.213	(1.119)	1177132	80.0000	68
	4 4-Methylphenol	108	4.231	4.231	(1.123)	1833617	80.0000	80
	123 3 & 4 Methylphenol	108	4.231	4.231	(1.123)	1833617	80.0000	80
	26 Hexachloroethane	117	4.272	4.272	(1.134)	1100797	80.0000	79
$	76 Nitrobenzene-d5 (SUR)	82	4.343	4.343	(0.859)	2293674	80.0000	78
	27 Nitrobenzene	77	4.366	4.366	(0.864)	2891072	80.0000	78
	107 N,N-Dimethylaniline	120	4.366	4.366	(1.159)	3158342	80.0000	78
	28 Isophorone	82	4.613	4.613	(0.913)	3409790	80.0000	78
	5 2-Nitrophenol	139	4.678	4.678	(0.926)	1286079	80.0000	79
	6 2,4-Dimethylphenol	122	4.754	4.754	(0.941)	1799198	80.0000	80
	29 bis(2-Chloroethoxy)methane	93	4.837	4.837	(0.957)	2188778	80.0000	78
	15 Benzoic Acid	122	4.954	4.954	(0.980)	1067193	80.0000	85(H)
	7 2,4-Dichlorophenol	162	4.931	4.931	(0.976)	1544095	80.0000	79
	30 1,2,4-Trichlorobenzene	180	5.001	5.001	(0.990)	1923821	80.0000	78
*	80 Naphthalene-d8	136	5.054	5.054	(1.000)	3221543	40.0000	
	31 Naphthalene	128	5.078	5.078	(1.005)	6196730	80.0000	77
	32 4-Chloroaniline	127	5.142	5.142	(1.017)	2089712	80.0000	79
	33 Hexachlorobutadiene	225	5.213	5.213	(1.031)	1085983	80.0000	77
	111 Caprolactam	113	5.554	5.554	(1.099)	410545	80.0000	80(H)
	8 4-Chloro-3-methylphenol	107	5.666	5.666	(1.121)	1442797	80.0000	81
	34 2-Methylnaphthalene	142	5.766	5.766	(1.141)	3658385	80.0000	77
	120 1-Methylnaphthalene	142	5.866	5.866	(1.161)	3781796	80.0000	78
	35 Hexachlorocyclopentadiene	237	5.937	5.937	(0.874)	926840	80.0000	76
	129 1,2,4,5-Tetrachlorobenzene	216	5.942	5.942	(0.875)	1612827	80.0000	78
	121 2-tert-Butyl-4-methylphenol	149	6.007	6.007	(1.189)	2459732	80.0000	83
	9 2,4,6-Trichlorophenol	196	6.066	6.066	(0.893)	982918	80.0000	78
	10 2,4,5-Trichlorophenol	196	6.107	6.107	(0.900)	932273	80.0000	80
$	77 2-Fluorobiphenyl (SUR)	172	6.142	6.142	(0.905)	3542399	80.0000	77
	102 Diphenyl	154	6.237	6.237	(0.919)	3983131	80.0000	82
	36 2-Chloronaphthalene	162	6.248	6.248	(0.920)	2998191	80.0000	78
	103 Diphenyl Ether	170	6.342	6.342	(0.934)	2121077	80.0000	77
	37 2-Nitroaniline	65	6.366	6.366	(0.938)	765298	80.0000	79
	125 1,3-Dimethylnaphthalene	156	6.472	6.472	(0.953)	2564167	80.0000	78
	38 Dimethylphthalate	163	6.560	6.560	(0.966)	2772919	80.0000	78
	114 Coumarin	146	6.560	6.560	(1.298)	960858	80.0000	78
	40 2,6-Dinitrotoluene	165	6.613	6.613	(0.974)	681061	80.0000	79
	39 Acenaphthylene	152	6.654	6.654	(0.980)	4452581	80.0000	77
	41 3-Nitroaniline	138	6.772	6.772	(0.997)	629030	80.0000	79
*	82 Acenaphthene-d10	164	6.789	6.789	(1.000)	1307818	40.0000	
	42 Acenaphthene	154	6.825	6.825	(1.005)	2665240	80.0000	78
	122 2,6-Di-tert-butyl-p-cresol	205	6.842	6.842	(1.008)	2603477	80.0000	84

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30845.d
Report Date: 10-Oct-2012 02:39

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.872	6.872	(1.012)	299885	80.0000	83
	12 4-Nitrophenol	65	6.972	6.972	(1.027)	424780	80.0000	79
	43 Dibenzofuran	168	6.995	6.995	(1.030)	3681002	80.0000	78
	44 2,4-Dinitrotoluene	165	7.001	7.001	(1.031)	758651	80.0000	78
	130 2,3,4,6-Tetrachlorophenol	232	7.125	7.125	(1.049)	584820	80.0000	80
	45 Diethylphthalate	149	7.254	7.254	(1.068)	2632360	80.0000	81
	47 Fluorene	166	7.331	7.331	(1.080)	2865370	80.0000	78
	46 4-Chlorophenyl-phenylether	204	7.336	7.336	(1.081)	1367584	80.0000	78
	48 4-Nitroaniline	138	7.372	7.372	(1.086)	468356	80.0000	77
	13 4,6-Dinitro-2-methylphenol	198	7.401	7.401	(0.899)	374611	80.0000	83
	49 N-Nitrosodiphenylamine	169	7.460	7.460	(0.906)	1824105	80.0000	84
	75 1,2-Diphenylhydrazine	77	7.495	7.495	(0.910)	3209643	80.0000	77
$	18 2,4,6-Tribromophenol (SUR)	330	7.566	7.566	(1.114)	301524	80.0000	80
	50 4-Bromophenyl-phenylether	248	7.813	7.813	(0.949)	682434	80.0000	79
	51 Hexachlorobenzene	284	7.872	7.872	(0.956)	647690	80.0000	79
	112 Atrazine	200	8.001	8.001	(0.971)	498029	80.0000	80
	14 Pentachlorophenol	266	8.066	8.066	(0.979)	343592	80.0000	81
	132 Pentachloronitrobenzene	237	8.078	8.078	(0.981)	270204	80.0000	82
	115 n-Octadecane	57	8.178	8.178	(0.993)	1664620	80.0000	82
*	83 Phenanthrene-d10	188	8.236	8.236	(1.000)	1428715	40.0000	
	52 Phenanthrene	178	8.260	8.260	(1.003)	3068780	80.0000	78
	53 Anthracene	178	8.307	8.307	(1.009)	3097429	80.0000	78
	54 Carbazole	167	8.472	8.472	(1.029)	2327274	80.0000	78
	55 Di-n-butylphthalate	149	8.836	8.836	(1.073)	3251004	80.0000	79
	56 Fluoranthene	202	9.413	9.413	(1.143)	2399732	80.0000	78
	58 Benzidine	184	9.554	9.554	(1.160)	54546	80.0000	40
	57 Pyrene	202	9.625	9.625	(0.887)	2316979	80.0000	78
$	78 Terphenyl-d14	244	9.795	9.795	(0.902)	1565451	80.0000	79
	59 Butylbenzylphthalate	149	10.289	10.289	(0.948)	949544	80.0000	78
	124 Carbamazepine	193	10.383	10.383	(0.957)	596600	80.0000	79
	60 3,3'-Dichlorobenzidine	252	10.830	10.830	(0.998)	344999	80.0000	77
	61 Benzo(a)anthracene	228	10.842	10.842	(0.999)	1501931	80.0000	78
*	81 Chrysene-d12	240	10.854	10.854	(1.000)	632515	40.0000	
	62 Chrysene	228	10.883	10.883	(1.003)	1513512	80.0000	78
	63 bis(2-Ethylhexyl)phthalate	149	10.924	10.924	(1.006)	1265727	80.0000	76
	64 Di-n-octylphthalate	149	11.701	11.701	(0.929)	1747548	80.0000	79
	65 Benzo(b)fluoranthene	252	12.118	12.118	(0.962)	1155604	80.0000	80
	66 Benzo(k)fluoranthene	252	12.154	12.154	(0.965)	1210462	80.0000	78
	67 Benzo(a)pyrene	252	12.524	12.524	(0.994)	933881	80.0000	78
*	84 Perylene-d12	264	12.595	12.595	(1.000)	479564	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.954	13.954	(1.108)	810507	80.0000	79
	69 Dibenz(a,h)anthracene	278	13.989	13.989	(1.111)	887116	80.0000	76
	70 Benzo(g,h,i)perylene	276	14.289	14.289	(1.134)	918491	80.0000	78

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30845.d
Report Date: 10-Oct-2012 02:39

QC Flag Legend

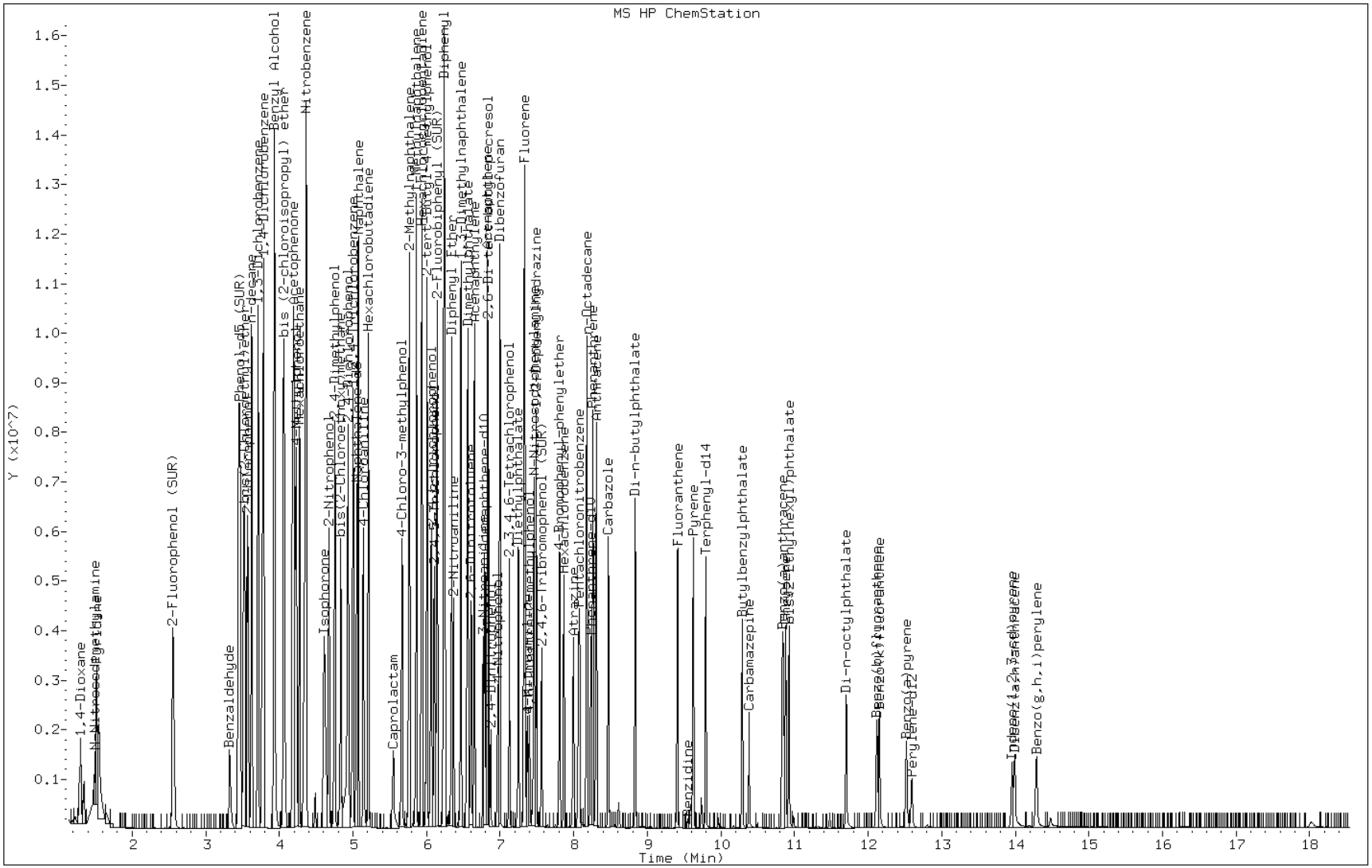
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x30845.d

Date: 09-OCT-2012 15:44

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1687743 Operator: BNAMS 4



Manual Integration Report

Data File: x30845.d
Inj. Date and Time: 09-OCT-2012 15:44
Instrument ID: BNAMS5.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 10/10/2012

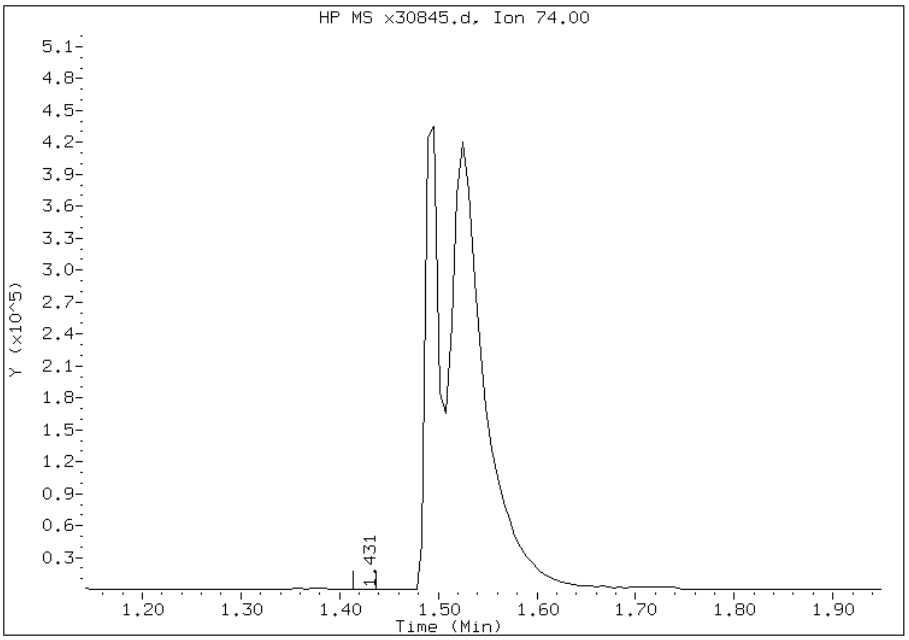
Processing Integration Results

RT: 1.43

Response: 195

Amount: 0

Conc: 0



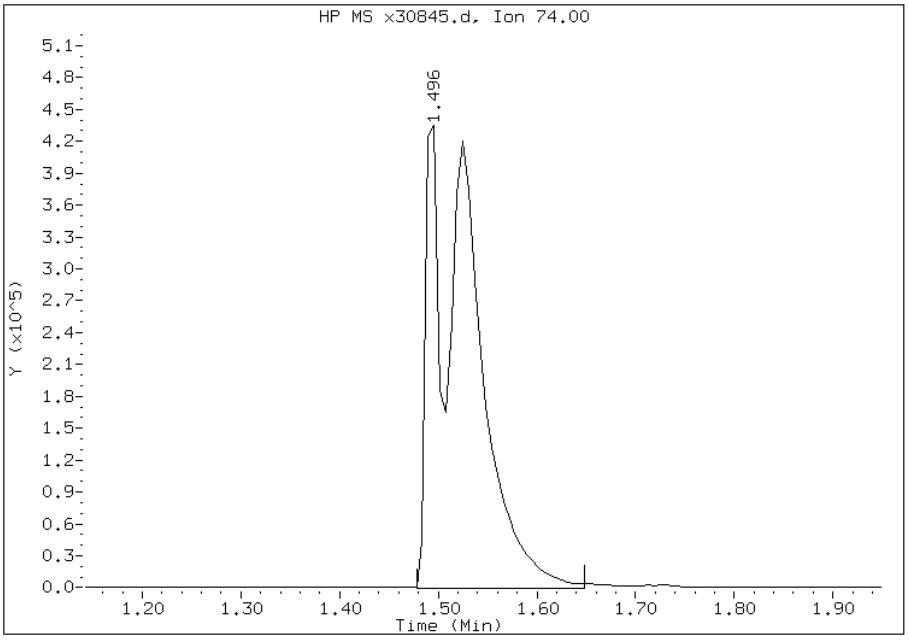
Manual Integration Results

RT: 1.50

Response: 1401434

Amount: 78

Conc: 78



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x30845.d
Inj. Date and Time: 09-OCT-2012 15:44
Instrument ID: BNAMS5.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 10/10/2012

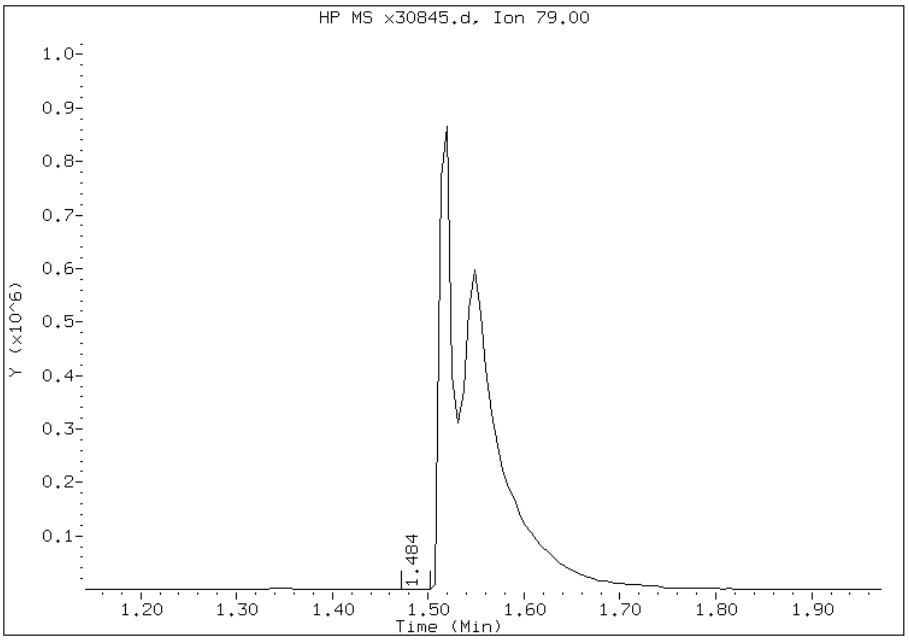
Processing Integration Results

RT: 1.48

Response: 161

Amount: 0

Conc: 0



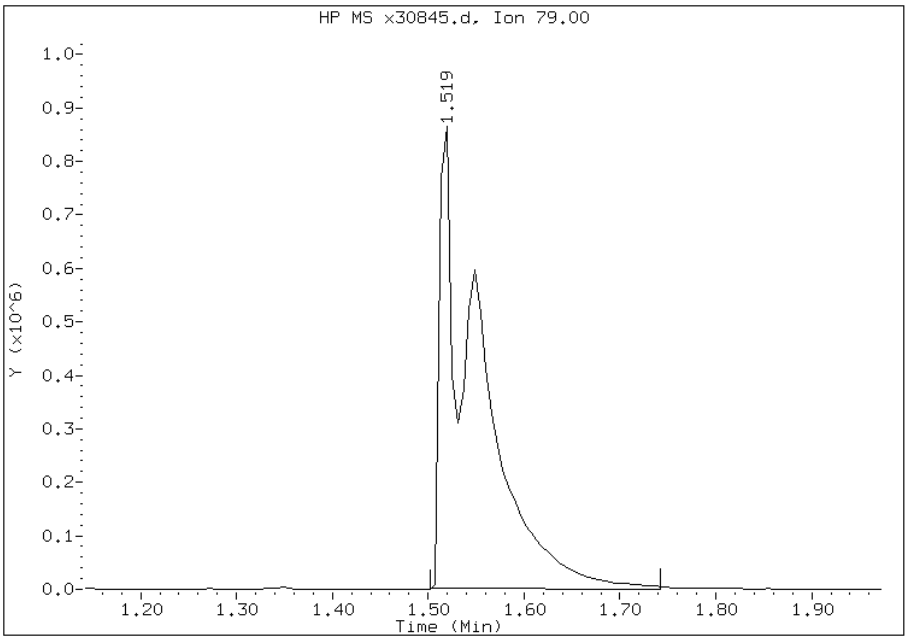
Manual Integration Results

RT: 1.52

Response: 2454208

Amount: 79

Conc: 79



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30846.d
Report Date: 10-Oct-2012 02:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30846.d
Lab Smp Id: IC-1687751
Inj Date : 09-OCT-2012 16:09
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1687751
Misc Info : 20 ppm bna 4690
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/8270C_11.m
Meth Date : 10-Oct-2012 02:39 asfawa Quant Type: ISTD
Cal Date : 09-OCT-2012 16:09 Cal File: x30846.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.237	1.237	(0.329)	241330	20.0000	20
19	N-Nitrosodimethylamine	74	1.437	1.437	(0.383)	306536	20.0000	19
71	Pyridine	79	1.460	1.460	(0.389)	579403	20.0000	21
$ 16	2-Fluorophenol (SUR)	112	2.507	2.507	(0.668)	560730	20.0000	21
110	Benzaldehyde	77	3.307	3.307	(0.881)	297569	20.0000	28
73	Aniline	93	3.425	3.425	(0.912)	732522	20.0000	22
$ 17	Phenol-d5 (SUR)	99	3.419	3.419	(0.911)	622059	20.0000	22
1	Phenol	94	3.431	3.431	(0.914)	702065	20.0000	22
20	bis(2-Chloroethyl)ether	93	3.495	3.495	(0.931)	508813	20.0000	22
2	2-Chlorophenol	128	3.548	3.548	(0.945)	600646	20.0000	22
113	n-decane	43	3.619	3.619	(0.964)	600608	20.0000	21
21	1,3-Dichlorobenzene	146	3.695	3.695	(0.984)	687238	20.0000	21
* 79	1,4-Dichlorobenzene-d4	152	3.754	3.754	(1.000)	806459	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30846.d
Report Date: 10-Oct-2012 02:40

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	3.772	3.772	(1.005)	680800	20.0000	20
	74 Benzyl Alcohol	108	3.907	3.907	(1.041)	324086	20.0000	20
	23 1,2-Dichlorobenzene	146	3.925	3.925	(1.045)	639753	20.0000	21
	24 bis (2-chloroisopropyl) ether	45	4.048	4.048	(1.078)	598917	20.0000	20
	3 2-Methylphenol	108	4.042	4.042	(1.077)	469606	20.0000	22
	104 Acetophenone	105	4.172	4.172	(1.111)	650539	20.0000	21
	25 N-Nitroso-di-n-propylamine	70	4.184	4.184	(1.114)	333305	20.0000	21
	4 4-Methylphenol	108	4.201	4.201	(1.119)	469409	20.0000	22
	123 3 & 4 Methylphenol	108	4.201	4.201	(1.119)	469409	20.0000	22
	26 Hexachloroethane	117	4.266	4.266	(1.136)	254374	20.0000	20
$	76 Nitrobenzene-d5 (SUR)	82	4.319	4.319	(0.857)	542844	20.0000	21
	27 Nitrobenzene	77	4.342	4.342	(0.861)	721890	20.0000	21
	107 N,N-Dimethylaniline	120	4.348	4.348	(1.158)	783131	20.0000	21
	28 Isophorone	82	4.584	4.584	(0.909)	776213	20.0000	20
	5 2-Nitrophenol	139	4.666	4.666	(0.925)	291343	20.0000	20
	6 2,4-Dimethylphenol	122	4.737	4.737	(0.939)	437787	20.0000	21
	29 bis(2-Chloroethoxy)methane	93	4.825	4.825	(0.957)	505492	20.0000	20
	15 Benzoic Acid	122	4.860	4.860	(0.964)	203786	20.0000	20(H)
	7 2,4-Dichlorophenol	162	4.919	4.919	(0.976)	391562	20.0000	22
	30 1,2,4-Trichlorobenzene	180	4.989	4.989	(0.990)	457425	20.0000	21
*	80 Naphthalene-d8	136	5.042	5.042	(1.000)	2856020	40.0000	
	31 Naphthalene	128	5.066	5.066	(1.005)	1527551	20.0000	21
	32 4-Chloroaniline	127	5.131	5.131	(1.017)	537830	20.0000	22
	33 Hexachlorobutadiene	225	5.207	5.207	(1.033)	254320	20.0000	20
	111 Caprolactam	113	5.478	5.478	(1.086)	88612	20.0000	20
	8 4-Chloro-3-methylphenol	107	5.648	5.648	(1.120)	333448	20.0000	21
	34 2-Methylnaphthalene	142	5.760	5.760	(1.142)	902683	20.0000	21
	120 1-Methylnaphthalene	142	5.854	5.854	(1.161)	938685	20.0000	21
	35 Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	190747	20.0000	18
	129 1,2,4,5-Tetrachlorobenzene	216	5.931	5.931	(0.874)	380117	20.0000	20
	121 2-tert-Butyl-4-methylphenol	149	5.995	5.995	(1.189)	606861	20.0000	22
	9 2,4,6-Trichlorophenol	196	6.054	6.054	(0.892)	224003	20.0000	20
	10 2,4,5-Trichlorophenol	196	6.089	6.089	(0.898)	228420	20.0000	21
$	77 2-Fluorobiphenyl (SUR)	172	6.136	6.136	(0.905)	891885	20.0000	21
	102 Diphenyl	154	6.231	6.231	(0.918)	960597	20.0000	21
	36 2-Chloronaphthalene	162	6.236	6.236	(0.919)	744607	20.0000	21
	103 Diphenyl Ether	170	6.336	6.336	(0.934)	518445	20.0000	20
	37 2-Nitroaniline	65	6.348	6.348	(0.936)	224743	20.0000	24
	125 1,3-Dimethylnaphthalene	156	6.460	6.460	(0.952)	635649	20.0000	21
	38 Dimethylphthalate	163	6.542	6.542	(0.964)	650337	20.0000	20
	114 Coumarin	146	6.542	6.542	(1.297)	223861	20.0000	20
	40 2,6-Dinitrotoluene	165	6.595	6.595	(0.972)	149123	20.0000	19
	39 Acenaphthylene	152	6.642	6.642	(0.979)	1106853	20.0000	21
	41 3-Nitroaniline	138	6.754	6.754	(0.996)	157550	20.0000	21
*	82 Acenaphthene-d10	164	6.783	6.783	(1.000)	1188401	40.0000	
	42 Acenaphthene	154	6.813	6.813	(1.004)	649824	20.0000	21
	122 2,6-Di-tert-butyl-p-cresol	205	6.836	6.836	(1.008)	625322	20.0000	22

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30846.d
Report Date: 10-Oct-2012 02:40

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.860	6.860	(1.011)	71304	30.0000	25
	12 4-Nitrophenol	65	6.954	6.954	(1.025)	131705	30.0000	28
	43 Dibenzofuran	168	6.983	6.983	(1.029)	916583	20.0000	21
	44 2,4-Dinitrotoluene	165	6.983	6.983	(1.029)	175719	20.0000	20
	130 2,3,4,6-Tetrachlorophenol	232	7.119	7.119	(1.049)	129231	20.0000	20
	45 Diethylphthalate	149	7.242	7.242	(1.068)	597693	20.0000	20
	47 Fluorene	166	7.319	7.319	(1.079)	693190	20.0000	20
	46 4-Chlorophenyl-phenylether	204	7.331	7.331	(1.081)	337059	20.0000	21
	48 4-Nitroaniline	138	7.354	7.354	(1.084)	128128	20.0000	22
	13 4,6-Dinitro-2-methylphenol	198	7.383	7.383	(0.897)	118203	30.0000	29
	49 N-Nitrosodiphenylamine	169	7.448	7.448	(0.905)	442838	20.0000	22
	75 1,2-Diphenylhydrazine	77	7.483	7.483	(0.909)	769592	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	7.554	7.554	(1.114)	76629	20.0000	22
	50 4-Bromophenyl-phenylether	248	7.807	7.807	(0.949)	165411	20.0000	21
	51 Hexachlorobenzene	284	7.860	7.860	(0.955)	161668	20.0000	21
	112 Atrazine	200	7.983	7.983	(0.970)	121982	20.0000	21
	14 Pentachlorophenol	266	8.060	8.060	(0.979)	105321	30.0000	28
	132 Pentachloronitrobenzene	237	8.072	8.072	(0.981)	61634	20.0000	20
	115 n-Octadecane	57	8.172	8.172	(0.993)	370243	20.0000	20
*	83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1299319	40.0000	
	52 Phenanthrene	178	8.248	8.248	(1.002)	765766	20.0000	21
	53 Anthracene	178	8.301	8.301	(1.009)	769071	20.0000	21
	54 Carbazole	167	8.466	8.466	(1.029)	594170	20.0000	21
	55 Di-n-butylphthalate	149	8.830	8.830	(1.073)	746621	20.0000	20
	56 Fluoranthene	202	9.401	9.401	(1.142)	609069	20.0000	21
	58 Benzidine	184	9.548	9.548	(1.160)	182230	30.0000	64
	57 Pyrene	202	9.619	9.619	(0.887)	604533	20.0000	20
$	78 Terphenyl-d14	244	9.795	9.795	(0.903)	401380	20.0000	20
	59 Butylbenzylphthalate	149	10.283	10.283	(0.948)	223215	20.0000	18
	124 Carbamazepine	193	10.377	10.377	(0.957)	137975	20.0000	20
	60 3,3'-Dichlorobenzidine	252	10.824	10.824	(0.998)	183787	30.0000	34
	61 Benzo(a)anthracene	228	10.836	10.836	(0.999)	386372	20.0000	20
*	81 Chrysene-d12	240	10.848	10.848	(1.000)	648831	40.0000	
	62 Chrysene	228	10.877	10.877	(1.003)	398933	20.0000	20
	63 bis(2-Ethylhexyl)phthalate	149	10.924	10.924	(1.007)	284863	20.0000	17
	64 Di-n-octylphthalate	149	11.701	11.701	(0.929)	363020	20.0000	16
	65 Benzo(b)fluoranthene	252	12.113	12.113	(0.962)	267721	20.0000	19
	66 Benzo(k)fluoranthene	252	12.142	12.142	(0.964)	334564	20.0000	21
	67 Benzo(a)pyrene	252	12.513	12.513	(0.994)	224338	20.0000	19
*	84 Perylene-d12	264	12.589	12.589	(1.000)	484616	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.948	13.948	(1.108)	185114	20.0000	20
	69 Dibenz(a,h)anthracene	278	13.983	13.983	(1.111)	206021	20.0000	17
	70 Benzo(g,h,i)perylene	276	14.277	14.277	(1.134)	226367	20.0000	19

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30846.d
Report Date: 10-Oct-2012 02:40

QC Flag Legend

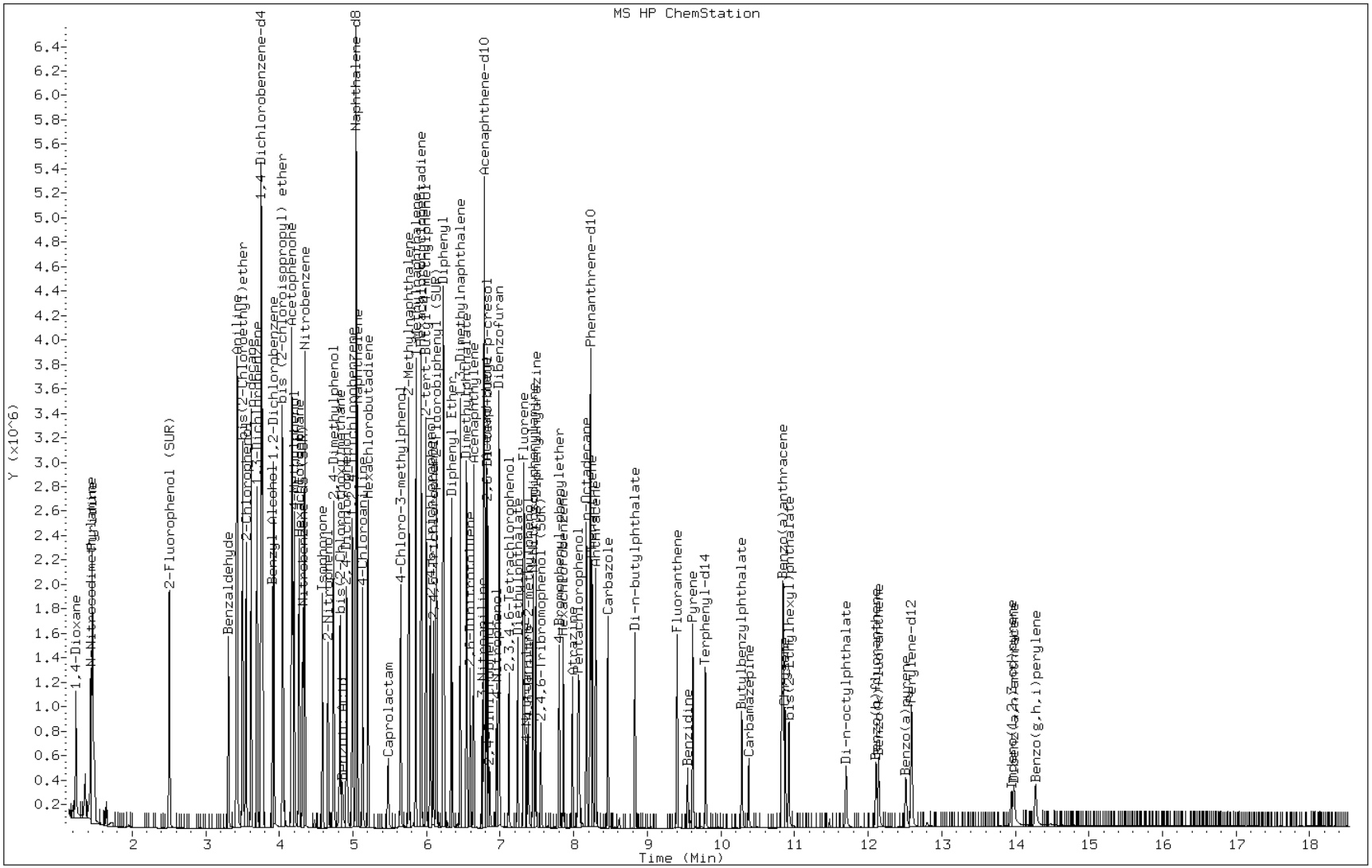
H - Operator selected an alternate compound hit.

Data File: x30846.d

Date: 09-OCT-2012 16:09

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1687751 Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30847.d
Report Date: 10-Oct-2012 02:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30847.d
Lab Smp Id: IC-1687752
Inj Date : 09-OCT-2012 16:34
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1687752
Misc Info : 10 ppm bna 4690
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/8270C_11.m
Meth Date : 10-Oct-2012 02:40 asfawa Quant Type: ISTD
Cal Date : 09-OCT-2012 16:34 Cal File: x30847.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.243	1.243	(0.331)	131448	10.0000	10
19	N-Nitrosodimethylamine	74	1.443	1.443	(0.384)	168840	10.0000	10
71	Pyridine	79	1.466	1.466	(0.391)	310249	10.0000	10
$ 16	2-Fluorophenol (SUR)	112	2.507	2.507	(0.668)	296370	10.0000	10
110	Benzaldehyde	77	3.307	3.307	(0.881)	181496	10.0000	14
73	Aniline	93	3.425	3.425	(0.912)	411195	10.0000	11
$ 17	Phenol-d5 (SUR)	99	3.413	3.413	(0.909)	335470	10.0000	11
1	Phenol	94	3.425	3.425	(0.912)	401040	10.0000	11
20	bis(2-Chloroethyl)ether	93	3.495	3.495	(0.931)	275814	10.0000	12
2	2-Chlorophenol	128	3.548	3.548	(0.945)	344074	10.0000	11
113	n-decane	43	3.613	3.613	(0.962)	313632	10.0000	10
21	1,3-Dichlorobenzene	146	3.695	3.695	(0.984)	382004	10.0000	11
* 79	1,4-Dichlorobenzene-d4	152	3.754	3.754	(1.000)	852963	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30847.d
Report Date: 10-Oct-2012 02:40

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	3.772	3.772	(1.005)	378513	10.0000	11
	74 Benzyl Alcohol	108	3.907	3.907	(1.041)	170354	10.0000	10
	23 1,2-Dichlorobenzene	146	3.925	3.925	(1.045)	350527	10.0000	11
	24 bis (2-chloroisopropyl) ether	45	4.048	4.048	(1.078)	327256	10.0000	10
	3 2-Methylphenol	108	4.042	4.042	(1.077)	268795	10.0000	11
	104 Acetophenone	105	4.172	4.172	(1.111)	356735	10.0000	11
	25 N-Nitroso-di-n-propylamine	70	4.178	4.178	(1.113)	176570	10.0000	10
	4 4-Methylphenol	108	4.195	4.195	(1.117)	263873	10.0000	11
	123 3 & 4 Methylphenol	108	4.195	4.195	(1.117)	266956	10.0000	12
	26 Hexachloroethane	117	4.266	4.266	(1.136)	138126	10.0000	10
$	76 Nitrobenzene-d5 (SUR)	82	4.319	4.319	(0.857)	270524	10.0000	9.9
	27 Nitrobenzene	77	4.337	4.337	(0.860)	384384	10.0000	11
	107 N,N-Dimethylaniline	120	4.348	4.348	(1.158)	422051	10.0000	11
	28 Isophorone	82	4.584	4.584	(0.909)	411378	10.0000	10
	5 2-Nitrophenol	139	4.660	4.660	(0.924)	154331	10.0000	10
	6 2,4-Dimethylphenol	122	4.737	4.737	(0.939)	243307	10.0000	11
	29 bis(2-Chloroethoxy)methane	93	4.819	4.819	(0.956)	264138	10.0000	10
	15 Benzoic Acid	122	4.837	4.837	(0.959)	93844	10.0000	9.2(H)
	7 2,4-Dichlorophenol	162	4.913	4.913	(0.974)	215480	10.0000	11
	30 1,2,4-Trichlorobenzene	180	4.989	4.989	(0.990)	250646	10.0000	11
*	80 Naphthalene-d8	136	5.042	5.042	(1.000)	2969931	40.0000	
	31 Naphthalene	128	5.060	5.060	(1.004)	826930	10.0000	11
	32 4-Chloroaniline	127	5.131	5.131	(1.017)	285914	10.0000	11
	33 Hexachlorobutadiene	225	5.207	5.207	(1.033)	141240	10.0000	11
	111 Caprolactam	113	5.460	5.460	(1.083)	43822	10.0000	9.5
	8 4-Chloro-3-methylphenol	107	5.642	5.642	(1.119)	174667	10.0000	10
	34 2-Methylnaphthalene	142	5.760	5.760	(1.142)	480629	10.0000	11
	120 1-Methylnaphthalene	142	5.854	5.854	(1.161)	470108	10.0000	10
	35 Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	91848	10.0000	8.8
	129 1,2,4,5-Tetrachlorobenzene	216	5.931	5.931	(0.874)	200344	10.0000	10
	121 2-tert-Butyl-4-methylphenol	149	5.995	5.995	(1.189)	300722	10.0000	10
	9 2,4,6-Trichlorophenol	196	6.054	6.054	(0.892)	122440	10.0000	10
	10 2,4,5-Trichlorophenol	196	6.089	6.089	(0.898)	124567	10.0000	11
$	77 2-Fluorobiphenyl (SUR)	172	6.131	6.131	(0.904)	441950	10.0000	10
	102 Diphenyl	154	6.225	6.225	(0.918)	524903	10.0000	11
	36 2-Chloronaphthalene	162	6.236	6.236	(0.919)	408605	10.0000	11
	103 Diphenyl Ether	170	6.336	6.336	(0.934)	269763	10.0000	10
	37 2-Nitroaniline	65	6.348	6.348	(0.936)	117352	10.0000	12
	125 1,3-Dimethylnaphthalene	156	6.460	6.460	(0.952)	314883	10.0000	10
	38 Dimethylphthalate	163	6.542	6.542	(0.964)	344006	10.0000	10
	114 Coumarin	146	6.542	6.542	(1.297)	110334	10.0000	9.8
	40 2,6-Dinitrotoluene	165	6.589	6.589	(0.971)	77367	10.0000	10
	39 Acenaphthylene	152	6.642	6.642	(0.979)	586121	10.0000	11
	41 3-Nitroaniline	138	6.754	6.754	(0.996)	79701	10.0000	10
*	82 Acenaphthene-d10	164	6.783	6.783	(1.000)	1194150	40.0000	
	42 Acenaphthene	154	6.813	6.813	(1.004)	348188	10.0000	11
	122 2,6-Di-tert-butyl-p-cresol	205	6.831	6.831	(1.007)	300780	10.0000	10

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30847.d
Report Date: 10-Oct-2012 02:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.854	6.854	(1.010)	37039	20.0000	13(aM)
	12 4-Nitrophenol	65	6.954	6.954	(1.025)	94785	20.0000	20
	43 Dibenzofuran	168	6.983	6.983	(1.029)	488081	10.0000	11
	44 2,4-Dinitrotoluene	165	6.983	6.983	(1.029)	89035	10.0000	10
	130 2,3,4,6-Tetrachlorophenol	232	7.119	7.119	(1.049)	65980	10.0000	10
	45 Diethylphthalate	149	7.236	7.236	(1.067)	312961	10.0000	10
	47 Fluorene	166	7.319	7.319	(1.079)	366776	10.0000	11
	46 4-Chlorophenyl-phenylether	204	7.331	7.331	(1.081)	180150	10.0000	11
	48 4-Nitroaniline	138	7.348	7.348	(1.083)	65124	10.0000	11
	13 4,6-Dinitro-2-methylphenol	198	7.378	7.378	(0.896)	66935	20.0000	16
	49 N-Nitrosodiphenylamine	169	7.448	7.448	(0.905)	220261	10.0000	10
	75 1,2-Diphenylhydrazine	77	7.483	7.483	(0.909)	399177	10.0000	10
$	18 2,4,6-Tribromophenol (SUR)	330	7.554	7.554	(1.114)	39076	10.0000	11
	50 4-Bromophenyl-phenylether	248	7.801	7.801	(0.948)	84776	10.0000	10
	51 Hexachlorobenzene	284	7.860	7.860	(0.955)	86709	10.0000	11
	112 Atrazine	200	7.983	7.983	(0.970)	64153	10.0000	10
	14 Pentachlorophenol	266	8.060	8.060	(0.979)	62284	20.0000	16
	132 Pentachloronitrobenzene	237	8.072	8.072	(0.981)	31279	10.0000	9.9
	115 n-Octadecane	57	8.172	8.172	(0.993)	175035	10.0000	9.1
*	83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1371987	40.0000	
	52 Phenanthrene	178	8.248	8.248	(1.002)	408268	10.0000	10
	53 Anthracene	178	8.295	8.295	(1.008)	403333	10.0000	10
	54 Carbazole	167	8.466	8.466	(1.029)	320578	10.0000	11
	55 Di-n-butylphthalate	149	8.830	8.830	(1.073)	378679	10.0000	9.7
	56 Fluoranthene	202	9.401	9.401	(1.142)	317161	10.0000	10
	58 Benzidine	184	9.548	9.548	(1.160)	186014	20.0000	41
	57 Pyrene	202	9.619	9.619	(0.887)	322138	10.0000	10
$	78 Terphenyl-d14	244	9.789	9.789	(0.902)	201989	10.0000	9.6
	59 Butylbenzylphthalate	149	10.283	10.283	(0.948)	109446	10.0000	8.8
	124 Carbamazepine	193	10.377	10.377	(0.957)	59041	10.0000	8.3
	60 3,3'-Dichlorobenzidine	252	10.824	10.824	(0.998)	129742	20.0000	22
	61 Benzo(a)anthracene	228	10.836	10.836	(0.999)	208174	10.0000	10
*	81 Chrysene-d12	240	10.848	10.848	(1.000)	683177	40.0000	
	62 Chrysene	228	10.871	10.871	(1.002)	214884	10.0000	10
	63 bis(2-Ethylhexyl)phthalate	149	10.924	10.924	(1.007)	137808	10.0000	7.6
	64 Di-n-octylphthalate	149	11.701	11.701	(0.929)	156171	10.0000	6.9
	65 Benzo(b)fluoranthene	252	12.107	12.107	(0.962)	136396	10.0000	9.4
	66 Benzo(k)fluoranthene	252	12.142	12.142	(0.964)	168286	10.0000	10
	67 Benzo(a)pyrene	252	12.513	12.513	(0.994)	112757	10.0000	9.4
*	84 Perylene-d12	264	12.589	12.589	(1.000)	496646	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.948	13.948	(1.108)	88529	10.0000	9.5
	69 Dibenz(a,h)anthracene	278	13.983	13.983	(1.111)	103728	10.0000	8.6
	70 Benzo(g,h,i)perylene	276	14.271	14.271	(1.134)	113930	10.0000	9.6

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30847.d
Report Date: 10-Oct-2012 02:40

QC Flag Legend

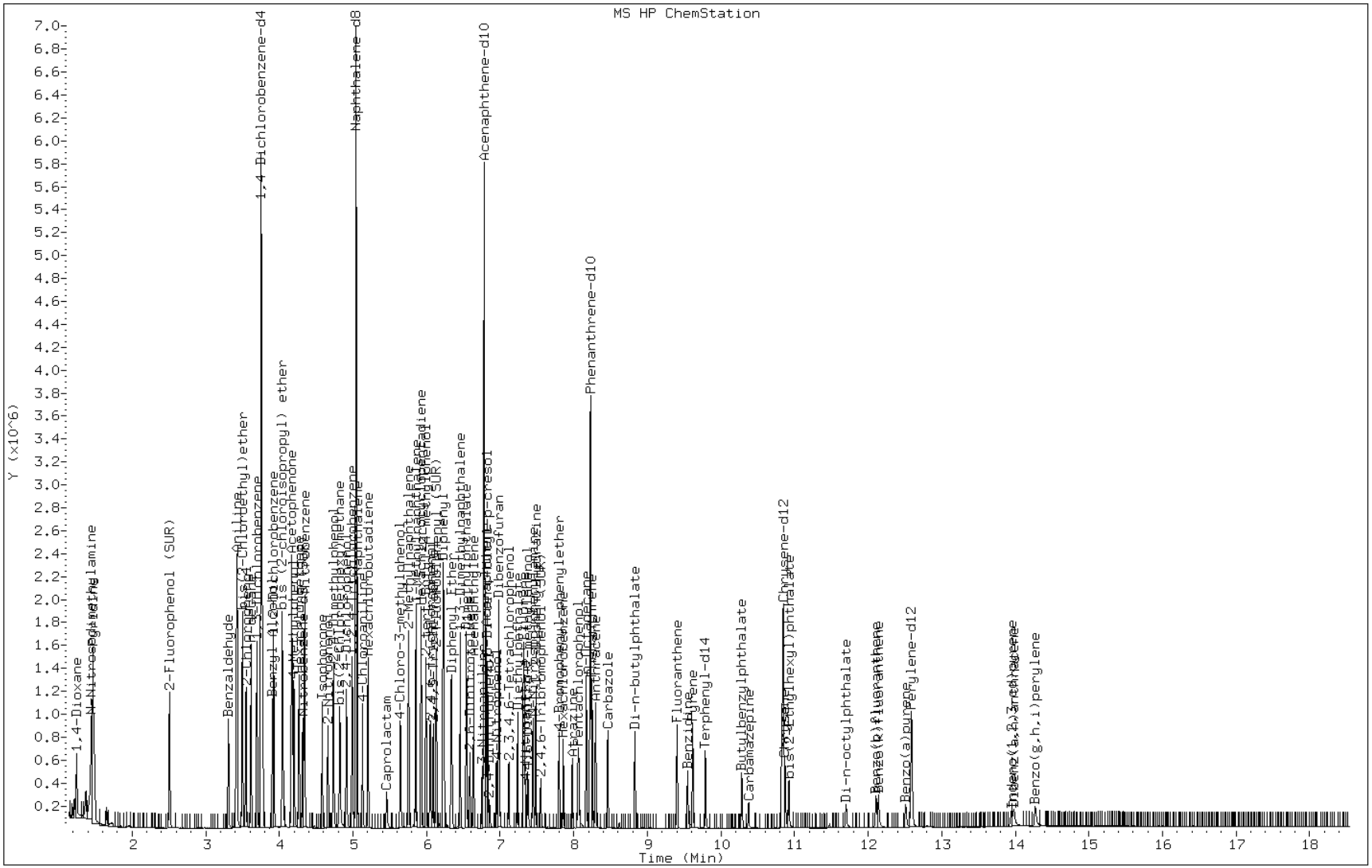
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x30847.d

Date: 09-OCT-2012 16:34

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1687752 Operator: BNAMS 4



Manual Integration Report

Data File: x30847.d
Inj. Date and Time: 09-OCT-2012 16:34
Instrument ID: BNAMS5.i
Client ID:
Compound: 11 2,4-Dinitrophenol
CAS #: 51-28-5
Report Date: 10/10/2012

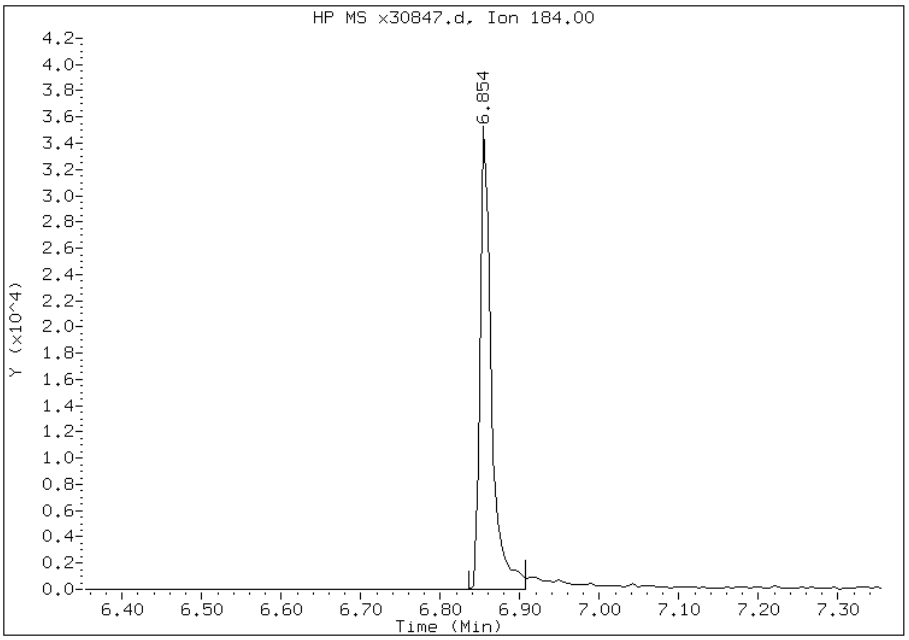
Processing Integration Results

RT: 6.85

Response: 34674

Amount: 14

Conc: 14



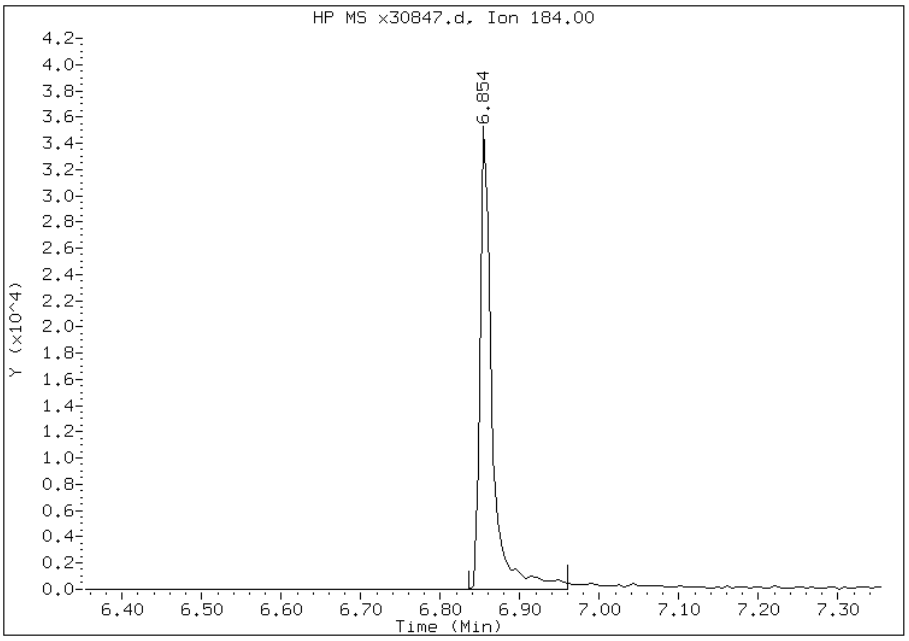
Manual Integration Results

RT: 6.85

Response: 37039

Amount: 13

Conc: 13



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30848.d
Report Date: 10-Oct-2012 02:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30848.d
Lab Smp Id: IC-1687753
Inj Date : 09-OCT-2012 17:00
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1687753
Misc Info : 5 ppm bna 4690
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/8270C_11.m
Meth Date : 10-Oct-2012 02:40 asfawa Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.249	1.249	(0.333)	73671	5.00000	5.3
	19 N-Nitrosodimethylamine	74	1.449	1.449	(0.386)	88787	5.00000	4.9(a)
	71 Pyridine	79	1.472	1.472	(0.392)	164306	5.00000	5.1
$	16 2-Fluorophenol (SUR)	112	2.507	2.507	(0.668)	161019	5.00000	5.3
	110 Benzaldehyde	77	3.307	3.307	(0.881)	101355	5.00000	6.7
	73 Aniline	93	3.419	3.419	(0.911)	221927	5.00000	5.4
$	17 Phenol-d5 (SUR)	99	3.413	3.413	(0.909)	184143	5.00000	5.4
	1 Phenol	94	3.425	3.425	(0.912)	232525	5.00000	5.8
	20 bis(2-Chloroethyl)ether	93	3.496	3.496	(0.931)	17416	0.50000	0.70
	2 2-Chlorophenol	128	3.543	3.543	(0.944)	196923	5.00000	5.8
	113 n-decane	43	3.613	3.613	(0.962)	170373	5.00000	5.2
	21 1,3-Dichlorobenzene	146	3.696	3.696	(0.984)	203112	5.00000	5.2
*	79 1,4-Dichlorobenzene-d4	152	3.754	3.754	(1.000)	921016	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30848.d
Report Date: 10-Oct-2012 02:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.772	3.772	(1.005)	202141	5.00000	5.2
	74 Benzyl Alcohol	108	3.901	3.901	(1.039)	86454	5.00000	4.8(a)
	23 1,2-Dichlorobenzene	146	3.925	3.925	(1.045)	192742	5.00000	5.4
	24 bis (2-chloroisopropyl) ether	45	4.048	4.048	(1.078)	177601	5.00000	5.2
	3 2-Methylphenol	108	4.037	4.037	(1.075)	152371	5.00000	5.8
	104 Acetophenone	105	4.166	4.166	(1.110)	186775	5.00000	5.1
	25 N-Nitroso-di-n-propylamine	70	4.178	4.178	(1.113)	8733	0.50000	0.48(a)
	4 4-Methylphenol	108	4.196	4.196	(1.117)	151403	5.00000	5.8
	123 3 & 4 Methylphenol	108	4.196	4.196	(1.117)	151101	5.00000	5.8
	26 Hexachloroethane	117	4.266	4.266	(1.136)	6887	0.50000	0.48(a)
$	76 Nitrobenzene-d5 (SUR)	82	4.313	4.313	(0.855)	151616	5.00000	5.0
	27 Nitrobenzene	77	4.337	4.337	(0.860)	20467	0.50000	0.52
	107 N,N-Dimethylaniline	120	4.343	4.343	(1.157)	21040	0.50000	0.49(a)
	28 Isophorone	82	4.584	4.584	(0.909)	221196	5.00000	5.0
	5 2-Nitrophenol	139	4.660	4.660	(0.924)	87186	5.00000	5.2
	6 2,4-Dimethylphenol	122	4.737	4.737	(0.939)	141705	5.00000	5.7
	29 bis(2-Chloroethoxy)methane	93	4.819	4.819	(0.956)	144049	5.00000	5.0
	15 Benzoic Acid	122	4.819	4.819	(0.956)	37862	5.00000	3.4(aH)
	7 2,4-Dichlorophenol	162	4.913	4.913	(0.974)	127632	5.00000	5.9
	30 1,2,4-Trichlorobenzene	180	4.990	4.990	(0.989)	13882	0.50000	0.53
*	80 Naphthalene-d8	136	5.043	5.043	(1.000)	3261063	40.0000	
	31 Naphthalene	128	5.060	5.060	(1.003)	450344	5.00000	5.3
	32 4-Chloroaniline	127	5.131	5.131	(1.017)	159782	5.00000	5.5
	33 Hexachlorobutadiene	225	5.207	5.207	(1.033)	15267	1.00000	1.0
	111 Caprolactam	113	5.448	5.448	(1.080)	21409	5.00000	4.3(a)
	8 4-Chloro-3-methylphenol	107	5.643	5.643	(1.119)	104464	5.00000	5.5
	34 2-Methylnaphthalene	142	5.760	5.760	(1.142)	258248	5.00000	5.2
	120 1-Methylnaphthalene	142	5.854	5.854	(1.161)	267112	5.00000	5.2(a)
	35 Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	53519	5.00000	4.6(a)
	129 1,2,4,5-Tetrachlorobenzene	216	5.931	5.931	(0.874)	115192	5.00000	5.3
	121 2-tert-Butyl-4-methylphenol	149	5.995	5.995	(1.189)	166920	5.00000	5.2
	9 2,4,6-Trichlorophenol	196	6.054	6.054	(0.892)	71331	5.00000	5.4
	10 2,4,5-Trichlorophenol	196	6.090	6.090	(0.898)	71595	5.00000	5.6
$	77 2-Fluorobiphenyl (SUR)	172	6.131	6.131	(0.904)	253279	5.00000	5.2
	102 Diphenyl	154	6.225	6.225	(0.918)	278633	5.00000	5.2
	36 2-Chloronaphthalene	162	6.237	6.237	(0.919)	220366	5.00000	5.3
	103 Diphenyl Ether	170	6.337	6.337	(0.934)	147718	5.00000	5.1
	37 2-Nitroaniline	65	6.348	6.348	(0.936)	113706	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.460	6.460	(0.952)	177599	5.00000	5.1
	38 Dimethylphthalate	163	6.542	6.542	(0.964)	181371	5.00000	4.9(a)
	114 Coumarin	146	6.542	6.542	(1.297)	59680	5.00000	4.8(a)
	40 2,6-Dinitrotoluene	165	6.590	6.590	(0.971)	7406	1.00000	0.87(a)
	39 Acenaphthylene	152	6.642	6.642	(0.979)	331907	5.00000	5.3
	41 3-Nitroaniline	138	6.754	6.754	(0.996)	88190	10.0000	10
*	82 Acenaphthene-d10	164	6.784	6.784	(1.000)	1344685	40.0000	
	42 Acenaphthene	154	6.813	6.813	(1.004)	192894	5.00000	5.3
	122 2,6-Di-tert-butyl-p-cresol	205	6.831	6.831	(1.007)	161987	5.00000	4.9(a)

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30848.d
Report Date: 10-Oct-2012 02:40

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.854	6.854	(1.010)	25838	15.0000	8.5(aM)
	12 4-Nitrophenol	65	6.948	6.948	(1.024)	72213	15.0000	14(a)
	43 Dibenzofuran	168	6.984	6.984	(1.029)	266850	5.00000	5.2
	44 2,4-Dinitrotoluene	165	6.984	6.984	(1.029)	9533	1.00000	0.96(a)
	130 2,3,4,6-Tetrachlorophenol	232	7.119	7.119	(1.049)	37738	5.00000	5.1
	45 Diethylphthalate	149	7.237	7.237	(1.067)	163083	5.00000	4.8(a)
	47 Fluorene	166	7.319	7.319	(1.079)	196495	5.00000	5.0
	46 4-Chlorophenyl-phenylether	204	7.331	7.331	(1.081)	99475	5.00000	5.3
	48 4-Nitroaniline	138	7.348	7.348	(1.083)	70170	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.378	7.378	(0.896)	55103	15.0000	12(a)
	49 N-Nitrosodiphenylamine	169	7.448	7.448	(0.905)	122786	5.00000	5.1
	75 1,2-Diphenylhydrazine	77	7.484	7.484	(0.909)	180604	5.00000	4.2(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.554	7.554	(1.114)	20772	5.00000	5.1
	50 4-Bromophenyl-phenylether	248	7.801	7.801	(0.948)	45435	5.00000	4.9(a)
	51 Hexachlorobenzene	284	7.860	7.860	(0.955)	4932	0.50000	0.54
	112 Atrazine	200	7.984	7.984	(0.970)	34582	5.00000	5.1
	14 Pentachlorophenol	266	8.060	8.060	(0.979)	49219	15.0000	12(a)
	132 Pentachloronitrobenzene	237	8.066	8.066	(0.980)	16312	5.00000	4.7(a)
	115 n-Octadecane	57	8.172	8.172	(0.993)	93637	5.00000	4.5(a)
*	83 Phenanthrene-d10	188	8.231	8.231	(1.000)	1515187	40.0000	
	52 Phenanthrene	178	8.248	8.248	(1.002)	224471	5.00000	5.2
	53 Anthracene	178	8.295	8.295	(1.008)	214170	5.00000	5.0
	54 Carbazole	167	8.466	8.466	(1.029)	175518	5.00000	5.2
	55 Di-n-butylphthalate	149	8.831	8.831	(1.073)	191717	5.00000	4.5(a)
	56 Fluoranthene	202	9.401	9.401	(1.142)	172109	5.00000	5.1
	58 Benzidine	184	9.548	9.548	(1.160)	38423	5.00000	6.9
	57 Pyrene	202	9.619	9.619	(0.887)	171330	5.00000	4.9(a)
$	78 Terphenyl-d14	244	9.789	9.789	(0.902)	111422	5.00000	4.9(a)
	59 Butylbenzylphthalate	149	10.283	10.283	(0.948)	53937	5.00000	4.1(a)
	124 Carbamazepine	193	10.377	10.377	(0.957)	27370	5.00000	3.6(a)
	60 3,3'-Dichlorobenzidine	252	10.825	10.825	(0.998)	67669	10.0000	9.7(a)
	61 Benzo(a)anthracene	228	10.836	10.836	(0.999)	13580	0.50000	0.58
*	81 Chrysene-d12	240	10.848	10.848	(1.000)	745452	40.0000	
	62 Chrysene	228	10.872	10.872	(1.002)	109799	5.00000	4.8(a)
	63 bis(2-Ethylhexyl)phthalate	149	10.925	10.925	(1.007)	66869	5.00000	3.4(a)
	64 Di-n-octylphthalate	149	11.701	11.701	(0.929)	64932	5.00000	2.6(a)
	65 Benzo(b)fluoranthene	252	12.107	12.107	(0.962)	5703	0.50000	0.38(a)
	66 Benzo(k)fluoranthene	252	12.142	12.142	(0.964)	7342	0.50000	0.42(a)
	67 Benzo(a)pyrene	252	12.513	12.513	(0.994)	4569	0.50000	0.37(a)
*	84 Perylene-d12	264	12.589	12.589	(1.000)	545381	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.942	13.942	(1.107)	3409	0.50000	0.34(aM)
	69 Dibenz(a,h)anthracene	278	13.977	13.977	(1.110)	3549	0.50000	0.27(a)
	70 Benzo(g,h,i)perylene	276	14.271	14.271	(1.134)	54451	5.00000	4.3(a)

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30848.d
Report Date: 10-Oct-2012 02:40

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.

Data File: x30848.d

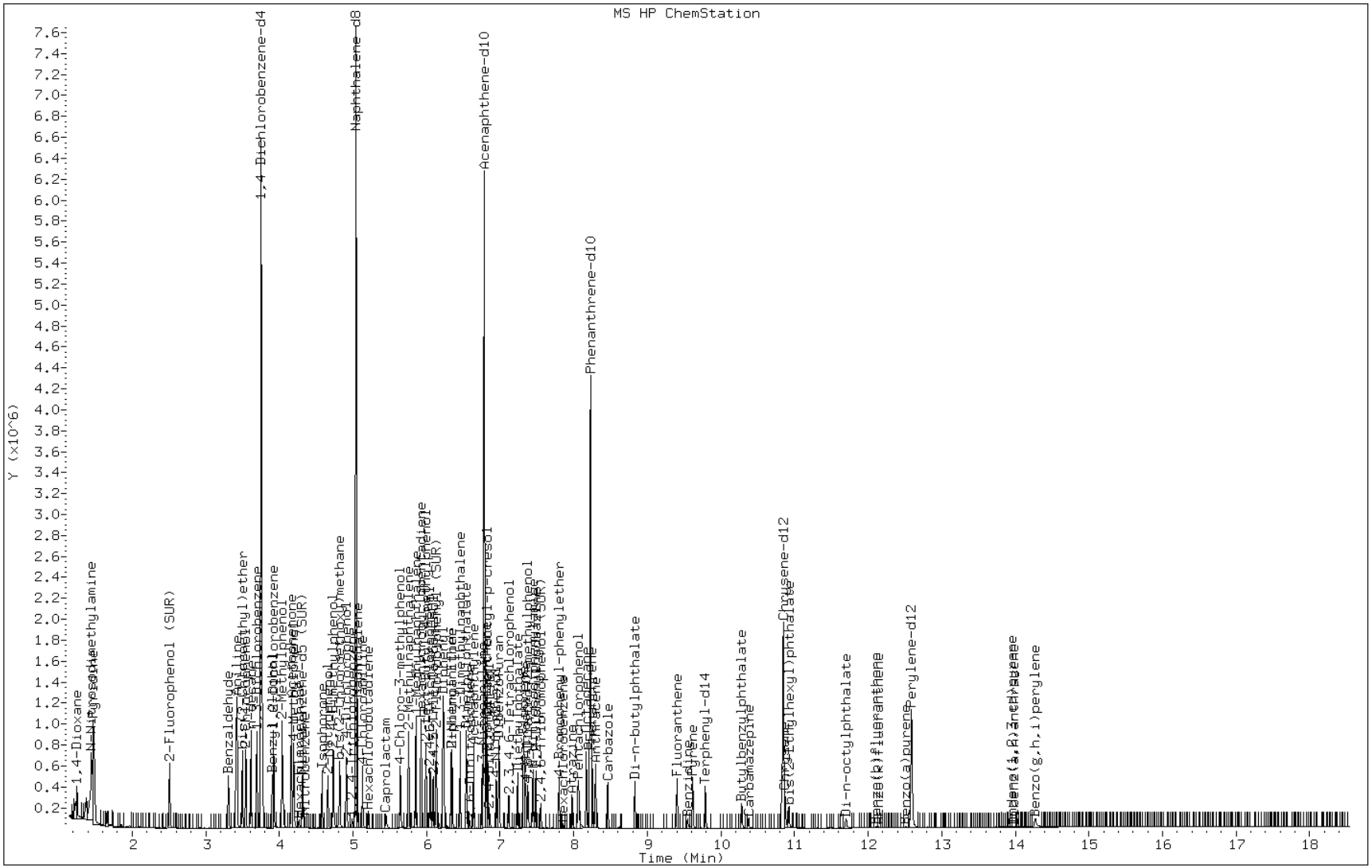
Date: 09-OCT-2012 17:00

Client ID:

Instrument: BNAMS5.i

Sample Info: IC-1687753

Operator: BNAMS 4



Manual Integration Report

Data File: x30848.d
Inj. Date and Time: 09-OCT-2012 17:00
Instrument ID: BNAMS5.i
Client ID:
Compound: 11 2,4-Dinitrophenol
CAS #: 51-28-5
Report Date: 10/10/2012

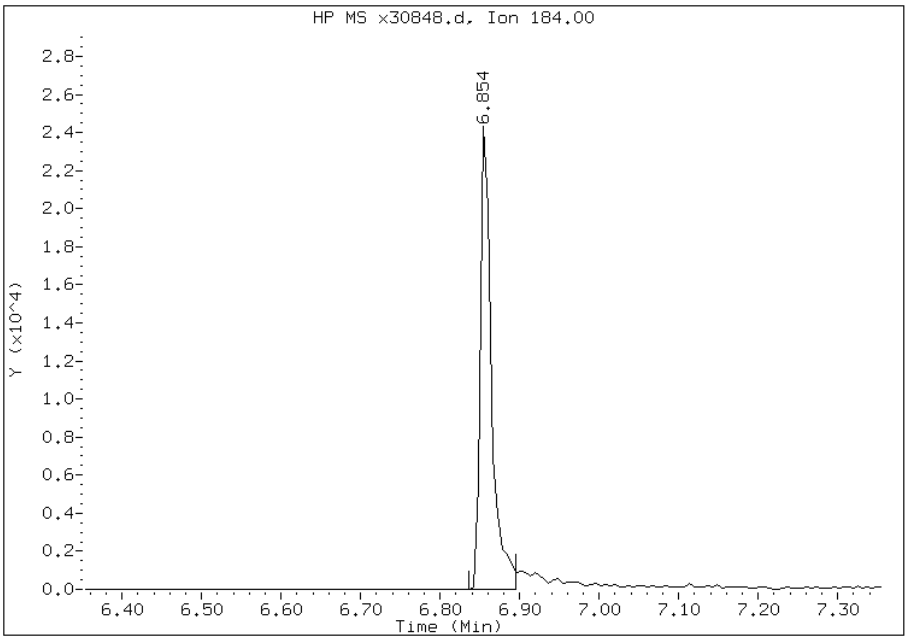
Processing Integration Results

RT: 6.85

Response: 23679

Amount: 8

Conc: 8



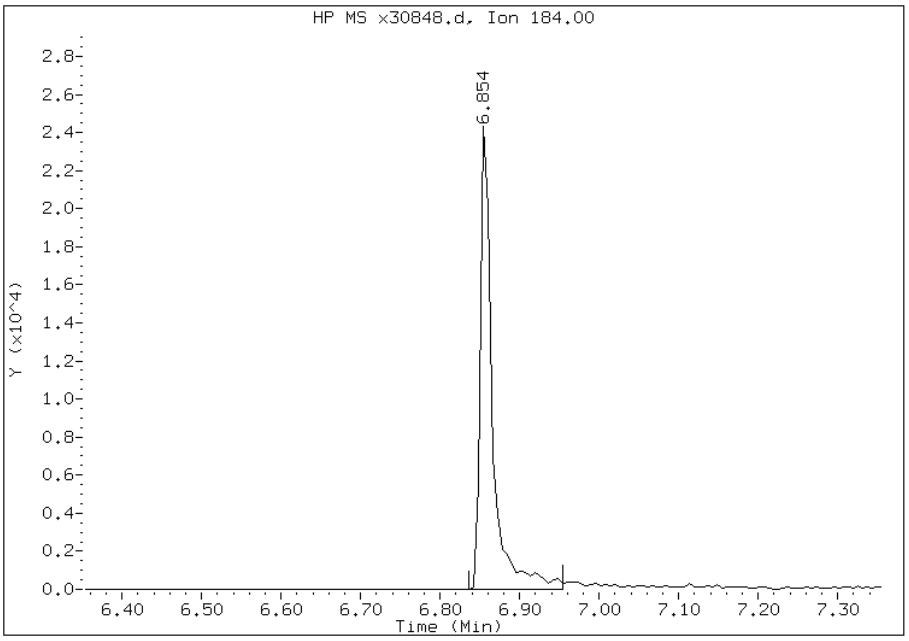
Manual Integration Results

RT: 6.85

Response: 25838

Amount: 9

Conc: 9



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: x30848.d
Inj. Date and Time: 09-OCT-2012 17:00
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 10/10/2012

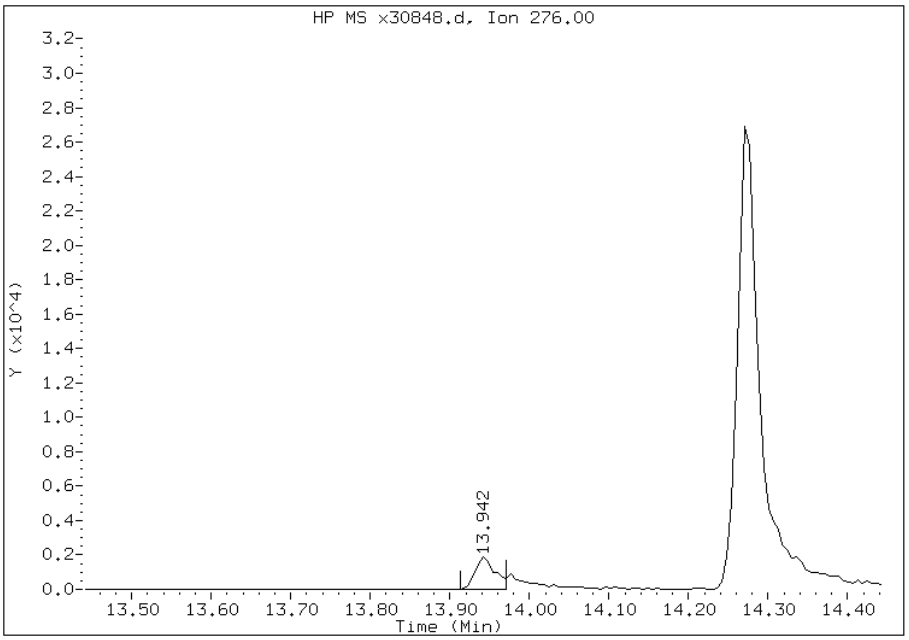
Processing Integration Results

RT: 13.94

Response: 3366

Amount: 0

Conc: 0



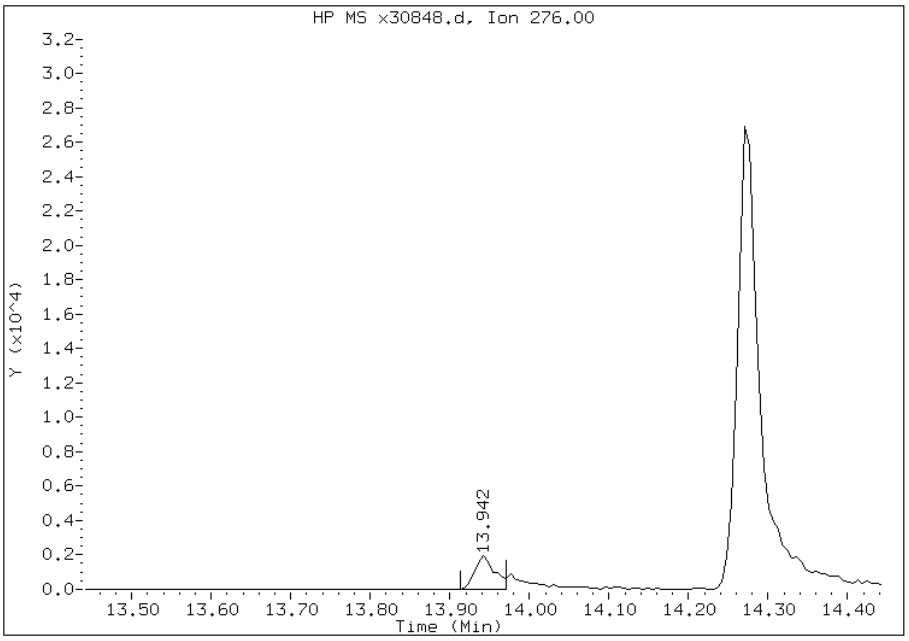
Manual Integration Results

RT: 13.94

Response: 3409

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131557/2 Calibration Date: 10/10/2012 15:34

Instrument ID: BNAMS5 Calib Start Date: 10/09/2012 14:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 10/09/2012 17:00

Lab File ID: x30878.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6053	0.5755		47500	50000	-4.9	20.0
N-Nitrosodimethylamine	Ave	0.7848	0.7589		48600	50000	-3.3	20.0
Pyridine	Ave	1.404	1.339		47500	50000	-4.6	20.0
Benzaldehyde	Ave	0.6589	0.6004		45600	50000	-8.9	20.0
Aniline	Ave	1.779	1.701		47800	50000	-4.4	20.0
Phenol	Ave	1.725	1.554		45100	50000	-9.9	20.0
Bis(2-chloroethyl)ether	QuaF	1.443	1.250		51100	50000	2.3	20.0
2-Chlorophenol	Ave	1.477	1.389		47000	50000	-5.9	20.0
Decane	Ave	1.434	1.363		47500	50000	-4.9	20.0
1,3-Dichlorobenzene	Ave	1.694	1.641		48400	50000	-3.1	20.0
1,4-Dichlorobenzene	Ave	1.682	1.628		48400	50000	-3.2	20.0
Benzyl alcohol	Ave	0.7834	0.7005		44700	50000	-10.6	20.0
1,2-Dichlorobenzene	Ave	1.558	1.482		47600	50000	-4.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.475	1.377		46700	50000	-6.6	20.0
2-Methylphenol	Ave	1.138	1.050		46100	50000	-7.7	20.0
Acetophenone	Ave	1.576	1.492		47300	50000	-5.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.7807	0.7567	0.0500	47000	50000	-3.1	20.0
3 & 4 Methylphenol	Ave	1.125	1.024		45500	50000	-9.0	20.0
4-Methylphenol	Ave	1.123	1.024		45600	50000	-8.8	20.0
Hexachloroethane	Ave	0.6208	0.6142		49500	50000	-1.1	20.0
n,n'-Dimethylaniline	Ave	1.849	1.830		49500	50000	-1.0	20.0
Nitrobenzene	Ave	0.4836	0.4747		49100	50000	-1.8	20.0
Isophorone	Ave	0.5436	0.5388		49600	50000	-0.9	20.0
2-Nitrophenol	Ave	0.2052	0.2035		49600	50000	-0.8	20.0
2,4-Dimethylphenol	Ave	0.3032	0.2765		45600	50000	-8.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3512	0.3500		49800	50000	-0.4	20.0
Benzoic acid	QuaF	0.1367	0.1582		54100	50000	8.2	20.0
2,4-Dichlorophenol	Ave	0.2670	0.2501		46800	50000	-6.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3201	0.3096		48400	50000	-3.3	20.0
Naphthalene	Ave	1.045	1.007		48200	50000	-3.6	20.0
4-Chloroaniline	Ave	0.3564	0.3510		49300	50000	-1.5	20.0
Hexachlorobutadiene	Ave	0.1798	0.1775		49400	50000	-1.3	20.0
Caprolactam	Ave	0.0607	0.0675		55600	50000	11.2	20.0
4-Chloro-3-methylphenol	Ave	0.2312	0.2253		48700	50000	-2.5	20.0
2-Methylnaphthalene	Ave	0.6132	0.6017		49100	50000	-1.9	20.0
1-Methylnaphthalene	Ave	0.6247	0.6056		48500	50000	-3.1	20.0
Hexachlorocyclopentadiene	Ave	0.3435	0.3339	0.0500	48600	50000	-2.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6508	0.6416		49300	50000	-1.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.3907	0.3932		50300	50000	0.6	20.0
2,4,6-Trichlorophenol	Ave	0.3933	0.3697		47000	50000	-6.0	20.0
2,4,5-Trichlorophenol	Ave	0.3818	0.3764		49300	50000	-1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131557/2 Calibration Date: 10/10/2012 15:34

Instrument ID: BNAMS5 Calib Start Date: 10/09/2012 14:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 10/09/2012 17:00

Lab File ID: x30878.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.581	1.565		49500	50000	-1.0	20.0
2-Chloronaphthalene	Ave	1.246	1.195		47900	50000	-4.1	20.0
Diphenyl ether	Ave	0.8631	0.8503		49300	50000	-1.5	20.0
2-Nitroaniline	Ave	0.3332	0.3264		49000	50000	-2.0	20.0
Dimethylnaphthalene, total	Ave	1.036	1.022		49300	50000	-1.4	20.0
Coumarin	Ave	0.1512	0.1554		51400	50000	2.8	20.0
Dimethyl phthalate	Ave	1.095	1.110		50700	50000	1.3	20.0
2,6-Dinitrotoluene	Ave	0.2538	0.2675		52700	50000	5.4	20.0
Acenaphthylene	Ave	1.848	1.776		48100	50000	-3.9	20.0
3-Nitroaniline	Ave	0.2537	0.2640		52000	50000	4.0	20.0
Acenaphthene	Ave	1.090	1.060		48600	50000	-2.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9807	1.045		53300	50000	6.6	20.0
2,4-Dinitrophenol	QuaF	0.0870	0.0926	0.0500	47700	50000	-4.5	20.0
4-Nitrophenol	Ave	0.1576	0.1397	0.0500	46600	50000	-11.3	20.0
Dibenzofuran	Ave	1.516	1.473		48600	50000	-2.8	20.0
2,4-Dinitrotoluene	Ave	0.2948	0.3054		51800	50000	3.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2218	0.2216		50000	50000	-0.1	20.0
Diethyl phthalate	Ave	1.000	1.062		53100	50000	6.2	20.0
Fluorene	Ave	1.156	1.153		49900	50000	-0.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5609	0.5400		48100	50000	-3.7	20.0
4-Nitroaniline	Ave	0.2005	0.2002		49900	50000	-0.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1155	0.1251		54100	50000	8.3	20.0
N-Nitrosodiphenylamine	Ave	0.6329	0.6254		49400	50000	-1.2	20.0
1,2-Diphenylhydrazine	Ave	1.132	1.110		49000	50000	-1.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2446	0.2358		48200	50000	-3.6	20.0
Hexachlorobenzene	Ave	0.2421	0.2262		46700	50000	-6.6	20.0
Atrazine	Ave	0.1794	0.1851		51600	50000	3.2	20.0
Pentachlorophenol	Ave	0.1067	0.1060		49700	50000	-0.7	20.0
Pentachloronitrobenzene	Ave	0.0914	0.0912		49900	50000	-0.2	
n-Octadecane	Ave	0.5482	0.5299		48300	50000	-3.3	20.0
Phenanthrene	Ave	1.143	1.106		48300	50000	-3.3	20.0
Anthracene	Ave	1.135	1.116		49100	50000	-1.7	20.0
Carbazole	Ave	0.8812	0.8598		48800	50000	-2.4	20.0
Di-n-butyl phthalate	Ave	1.120	1.181		52800	50000	5.5	20.0
Fluoranthene	Ave	0.8934	0.8883		49700	50000	-0.6	20.0
Benzidine	Ave	0.1474	0.1054		35700	50000	-28.5*	20.0
Pyrene	Ave	1.868	1.819		48700	50000	-2.7	20.0
Butyl benzyl phthalate	Ave	0.7013	0.7515		53600	50000	7.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1806	0.1679		465	500	-7.0	20.0
Carbamazepine	QuaF	0.4211	0.4986		55400	50000	10.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCVIS 460-131557/2 Calibration Date: 10/10/2012 15:34

Instrument ID: BNAMS5 Calib Start Date: 10/09/2012 14:54

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 10/09/2012 17:00

Lab File ID: x30878.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.3288	0.3404		54900	50000	9.9	20.0
Benzo[a]anthracene	Ave	1.256	1.212		48200	50000	-3.5	20.0
Chrysene	Ave	1.222	1.182		48400	50000	-3.3	20.0
Bis(2-ethylhexyl) phthalate	LinF	0.9078	0.9506		45100	50000	-9.8	20.0
Di-n-octyl phthalate	LinF	1.518	1.566		42800	50000	-14.3	20.0
Benzo[b]fluoranthene	Ave	1.109	1.125		50700	50000	1.4	20.0
Benzo[k]fluoranthene	Ave	1.283	1.327		51700	50000	3.4	20.0
Benzo[a]pyrene	Ave	0.9150	0.9371		51200	50000	2.4	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7675	0.7694		48000	50000	-4.0	20.0
Dibenz(a,h)anthracene	LinF	0.8407	0.8786		45200	50000	-9.5	20.0
Benzo[g,h,i]perylene	Ave	0.9291	1.014		54600	50000	9.1	20.0
2-Fluorophenol	Ave	1.328	1.277		48100	50000	-3.8	20.0
Phenol-d5	Ave	1.467	1.357		46200	50000	-7.5	20.0
Nitrobenzene-d5	Ave	0.3687	0.3667		49700	50000	-0.6	20.0
2-Fluorobiphenyl	Ave	1.448	1.427		49200	50000	-1.5	20.0
2,4,6-Tribromophenol	Ave	0.1219	0.1207		49500	50000	-1.0	20.0
Terphenyl-d14	Ave	1.228	1.236		50400	50000	0.7	20.0

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30878.d
Report Date: 10-Oct-2012 15:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30878.d
Lab Smp Id: CCVIS-1687742
Inj Date : 10-OCT-2012 15:34
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : CCVIS-1687742
Misc Info : 50ppm bna4690
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.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: 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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.243	1.243	(0.330)	643667	50.0000	47
	19 N-Nitrosodimethylamine	74	1.454	1.454	(0.387)	848732	50.0000	48
	71 Pyridine	79	1.472	1.472	(0.391)	1497135	50.0000	47
$	16 2-Fluorophenol (SUR)	112	2.513	2.513	(0.668)	1428326	50.0000	48
	110 Benzaldehyde	77	3.313	3.313	(0.881)	671478	50.0000	46
	73 Aniline	93	3.431	3.431	(0.912)	1902185	50.0000	48
$	17 Phenol-d5 (SUR)	99	3.437	3.437	(0.914)	1517207	50.0000	46
	1 Phenol	94	3.448	3.448	(0.917)	1738302	50.0000	45
	20 bis(2-Chloroethyl)ether	93	3.507	3.507	(0.933)	1398013	50.0000	51
	2 2-Chlorophenol	128	3.554	3.554	(0.945)	1553630	50.0000	47
	113 n-decane	43	3.619	3.619	(0.962)	1524669	50.0000	48
	21 1,3-Dichlorobenzene	146	3.701	3.701	(0.984)	1835911	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	3.760	3.760	(1.000)	894756	40.0000	

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30878.d
Report Date: 10-Oct-2012 15:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.778	3.778	(1.005)	1821284	50.0000	48
	74 Benzyl Alcohol	108	3.919	3.919	(1.042)	783456	50.0000	45
	23 1,2-Dichlorobenzene	146	3.931	3.931	(1.045)	1657534	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.054	4.054	(1.078)	1540080	50.0000	47
	3 2-Methylphenol	108	4.054	4.054	(1.078)	1174296	50.0000	46
	104 Acetophenone	105	4.184	4.184	(1.113)	1668474	50.0000	47
	25 N-Nitroso-di-n-propylamine	70	4.195	4.195	(1.116)	846365	50.0000	47
	4 4-Methylphenol	108	4.213	4.213	(1.120)	1145514	50.0000	46
	123 3 & 4 Methylphenol	108	4.213	4.213	(1.120)	1145514	50.0000	46
	26 Hexachloroethane	117	4.272	4.272	(1.136)	686987	50.0000	49
$	76 Nitrobenzene-d5 (SUR)	82	4.331	4.331	(0.858)	1426021	50.0000	50
	27 Nitrobenzene	77	4.354	4.354	(0.862)	1846282	50.0000	49
	107 N,N-Dimethylaniline	120	4.354	4.354	(1.158)	2047099	50.0000	49
	28 Isophorone	82	4.595	4.595	(0.910)	2095399	50.0000	50
	5 2-Nitrophenol	139	4.666	4.666	(0.924)	791405	50.0000	50
	6 2,4-Dimethylphenol	122	4.742	4.742	(0.939)	1075122	50.0000	46
	29 bis(2-Chloroethoxy)methane	93	4.831	4.831	(0.957)	1361115	50.0000	50
	15 Benzoic Acid	122	4.913	4.913	(0.973)	615103	50.0000	54
	7 2,4-Dichlorophenol	162	4.925	4.925	(0.976)	972736	50.0000	47
	30 1,2,4-Trichlorobenzene	180	4.995	4.995	(0.990)	1204017	50.0000	48
*	80 Naphthalene-d8	136	5.048	5.048	(1.000)	3111279	40.0000	
	31 Naphthalene	128	5.066	5.066	(1.003)	3916547	50.0000	48
	32 4-Chloroaniline	127	5.137	5.137	(1.017)	1365191	50.0000	49
	33 Hexachlorobutadiene	225	5.207	5.207	(1.031)	690427	50.0000	49
	111 Caprolactam	113	5.519	5.519	(1.093)	262514	50.0000	56
	8 4-Chloro-3-methylphenol	107	5.654	5.654	(1.120)	876278	50.0000	49
	34 2-Methylnaphthalene	142	5.760	5.760	(1.141)	2340207	50.0000	49
	120 1-Methylnaphthalene	142	5.860	5.860	(1.161)	2355033	50.0000	48
	35 Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	530030	50.0000	49
	129 1,2,4,5-Tetrachlorobenzene	216	5.937	5.937	(0.874)	1018498	50.0000	49
	121 2-tert-Butyl-4-methylphenol	149	6.001	6.001	(1.189)	1529030	50.0000	50
	9 2,4,6-Trichlorophenol	196	6.060	6.060	(0.893)	586794	50.0000	47
	10 2,4,5-Trichlorophenol	196	6.101	6.101	(0.899)	597476	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.137	6.137	(0.904)	2264565	50.0000	49
	102 Diphenyl	154	6.237	6.237	(0.919)	2484567	50.0000	49
	36 2-Chloronaphthalene	162	6.242	6.242	(0.919)	1896561	50.0000	48
	103 Diphenyl Ether	170	6.342	6.342	(0.934)	1349736	50.0000	49
	37 2-Nitroaniline	65	6.360	6.360	(0.937)	518076	50.0000	49
	125 1,3-Dimethylnaphthalene	156	6.466	6.466	(0.952)	1622033	50.0000	49
	38 Dimethylphthalate	163	6.554	6.554	(0.965)	1761236	50.0000	51
	114 Coumarin	146	6.554	6.554	(1.298)	604519	50.0000	51
	40 2,6-Dinitrotoluene	165	6.601	6.601	(0.972)	424585	50.0000	53
	39 Acenaphthylene	152	6.648	6.648	(0.979)	2819719	50.0000	48
	41 3-Nitroaniline	138	6.766	6.766	(0.997)	419054	50.0000	52
*	82 Acenaphthene-d10	164	6.789	6.789	(1.000)	1269868	40.0000	
	42 Acenaphthene	154	6.819	6.819	(1.004)	1681785	50.0000	49
	122 2,6-Di-tert-butyl-p-cresol	205	6.836	6.836	(1.007)	1659546	50.0000	53

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30878.d
Report Date: 10-Oct-2012 15:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	6.866	6.866	(1.011)	147054	50.0000	48
	12 4-Nitrophenol	65	6.960	6.960	(1.025)	221816	50.0000	47
	43 Dibenzofuran	168	6.989	6.989	(1.029)	2337810	50.0000	48
	44 2,4-Dinitrotoluene	165	6.995	6.995	(1.030)	484810	50.0000	52
	130 2,3,4,6-Tetrachlorophenol	232	7.125	7.125	(1.049)	351734	50.0000	50
	45 Diethylphthalate	149	7.248	7.248	(1.068)	1685446	50.0000	53
	47 Fluorene	166	7.325	7.325	(1.079)	1829924	50.0000	50
	46 4-Chlorophenyl-phenylether	204	7.336	7.336	(1.081)	857098	50.0000	48
	48 4-Nitroaniline	138	7.366	7.366	(1.085)	317772	50.0000	50
	13 4,6-Dinitro-2-methylphenol	198	7.389	7.389	(0.898)	229026	50.0000	54
	49 N-Nitrosodiphenylamine	169	7.454	7.454	(0.906)	1145469	50.0000	49
	75 1,2-Diphenylhydrazine	77	7.489	7.489	(0.910)	2033198	50.0000	49
$	18 2,4,6-Tribromophenol (SUR)	330	7.560	7.560	(1.113)	191577	50.0000	50
	50 4-Bromophenyl-phenylether	248	7.807	7.807	(0.949)	431914	50.0000	48
	51 Hexachlorobenzene	284	7.866	7.866	(0.956)	414289	50.0000	47
	112 Atrazine	200	7.989	7.989	(0.971)	339034	50.0000	52
	14 Pentachlorophenol	266	8.066	8.066	(0.980)	194110	50.0000	50
	132 Pentachloronitrobenzene	237	8.078	8.078	(0.981)	166946	50.0000	50
	115 n-Octadecane	57	8.178	8.178	(0.994)	970498	50.0000	48
*	83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1465202	40.0000	
	52 Phenanthrene	178	8.254	8.254	(1.003)	2024747	50.0000	48
	53 Anthracene	178	8.307	8.307	(1.009)	2043292	50.0000	49
	54 Carbazole	167	8.472	8.472	(1.029)	1574742	50.0000	49
	55 Di-n-butylphthalate	149	8.836	8.836	(1.074)	2163593	50.0000	53
	56 Fluoranthene	202	9.407	9.407	(1.143)	1626909	50.0000	50
	58 Benzidine	184	9.554	9.554	(1.161)	193017	50.0000	36
	57 Pyrene	202	9.625	9.625	(0.887)	1537647	50.0000	49
$	78 Terphenyl-d14	244	9.795	9.795	(0.902)	1045256	50.0000	50
	59 Butylbenzylphthalate	149	10.289	10.289	(0.948)	635423	50.0000	54
	109 2,3,7,8-TCDD (Screen)	320	10.372	10.372	(0.956)	1420	0.50000	0.46(a)
	124 Carbamazepine	193	10.383	10.383	(0.957)	421573	50.0000	55
	60 3,3'-Dichlorobenzidine	252	10.830	10.830	(0.998)	287785	50.0000	55
	61 Benzo(a)anthracene	228	10.842	10.842	(0.999)	1024741	50.0000	48
*	81 Chrysene-d12	240	10.854	10.854	(1.000)	676418	40.0000	
	62 Chrysene	228	10.883	10.883	(1.003)	999196	50.0000	48
	63 bis(2-Ethylhexyl)phthalate	149	10.930	10.930	(1.007)	803740	50.0000	45
	64 Di-n-octylphthalate	149	11.707	11.707	(0.929)	1016242	50.0000	43
	65 Benzo(b)fluoranthene	252	12.118	12.118	(0.962)	729935	50.0000	51
	66 Benzo(k)fluoranthene	252	12.154	12.154	(0.965)	860655	50.0000	52
	67 Benzo(a)pyrene	252	12.524	12.524	(0.994)	607929	50.0000	51
*	84 Perylene-d12	264	12.595	12.595	(1.000)	519015	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.960	13.960	(1.108)	499191	50.0000	48
	69 Dibenz(a,h)anthracene	278	13.995	13.995	(1.111)	569991	50.0000	45
	70 Benzo(g,h,i)perylene	276	14.289	14.289	(1.134)	657858	50.0000	54

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30878.d
Report Date: 10-Oct-2012 15:46

QC Flag Legend

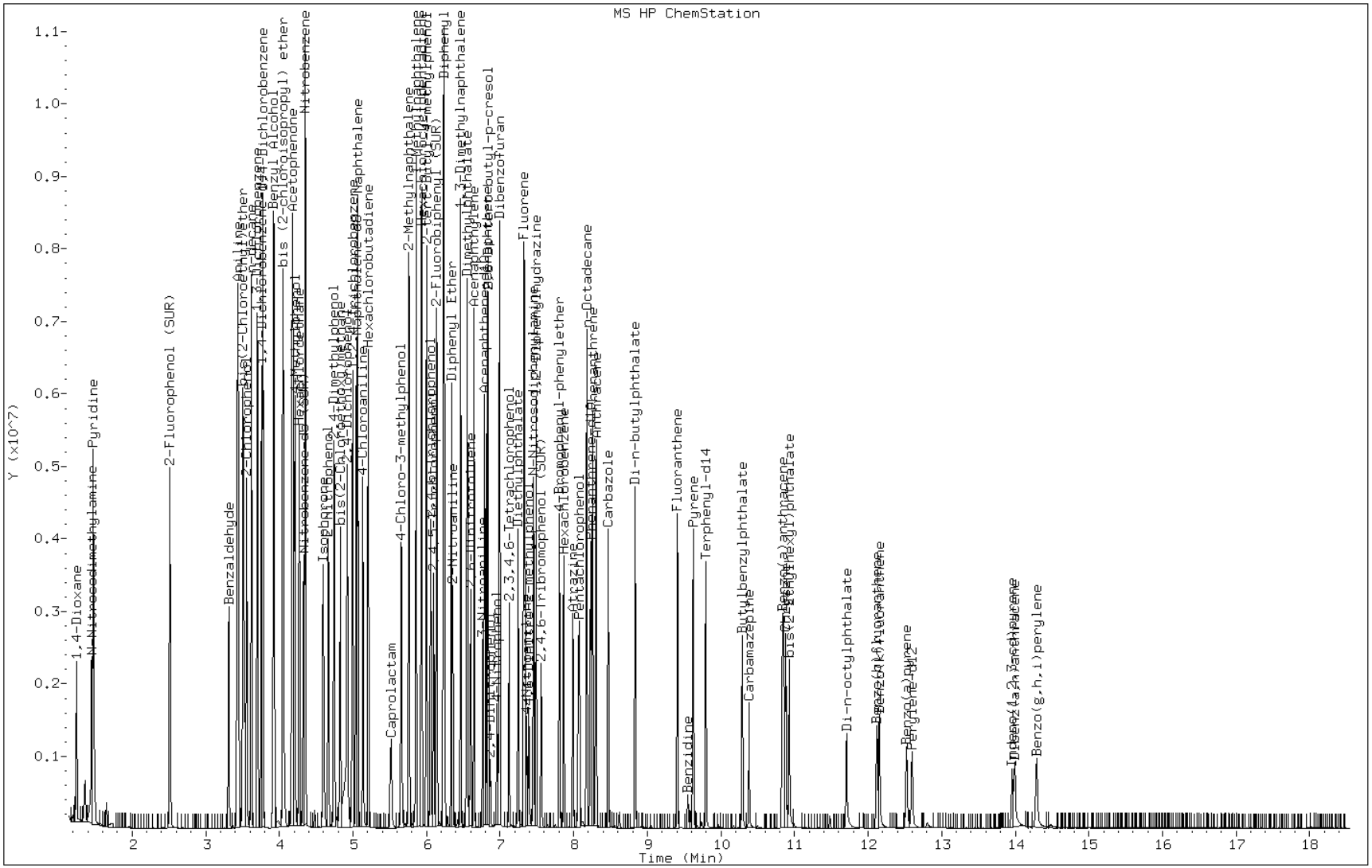
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x30878.d

Date: 10-OCT-2012 15:34

Client ID: Instrument: BNAMS5.i

Sample Info: CCVIS-1687742 Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30842.d
Report Date: 09-Oct-2012 14:39

TestAmerica

Data file : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30842.d
Lab Smp Id: DFTPP-1653831
Inj Date : 09-OCT-2012 14:40
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/09oct12.b/BNADFTPP.m
Meth Date : 01-Oct-2012 09:07 croccom Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.005	5.404	-0.399	198	44637			0.00- 100.00	100.00
5.005	5.404	-0.399	51	17732			30.00- 60.00	39.72
5.005	5.404	-0.399	68	353			0.00- 2.00	1.89
5.005	5.404	-0.399	69	18669			0.00- 0.00	41.82
5.005	5.404	-0.399	70	146			0.00- 2.00	0.78
5.005	5.404	-0.399	127	23647			40.00- 60.00	52.98
5.005	5.404	-0.399	197	0			0.00- 1.00	0.00
5.005	5.404	-0.399	199	3053			5.00- 9.00	6.84
5.005	5.404	-0.399	275	12306			10.00- 30.00	27.57
5.005	5.404	-0.399	365	1466			1.00- 0.00	3.28
5.005	5.404	-0.399	441	4282			0.01- 100.00	79.83
5.005	5.404	-0.399	442	27984			40.00- 110.00	62.69
5.005	5.404	-0.399	443	5364			17.00- 23.00	19.17

Data File: x30842.d

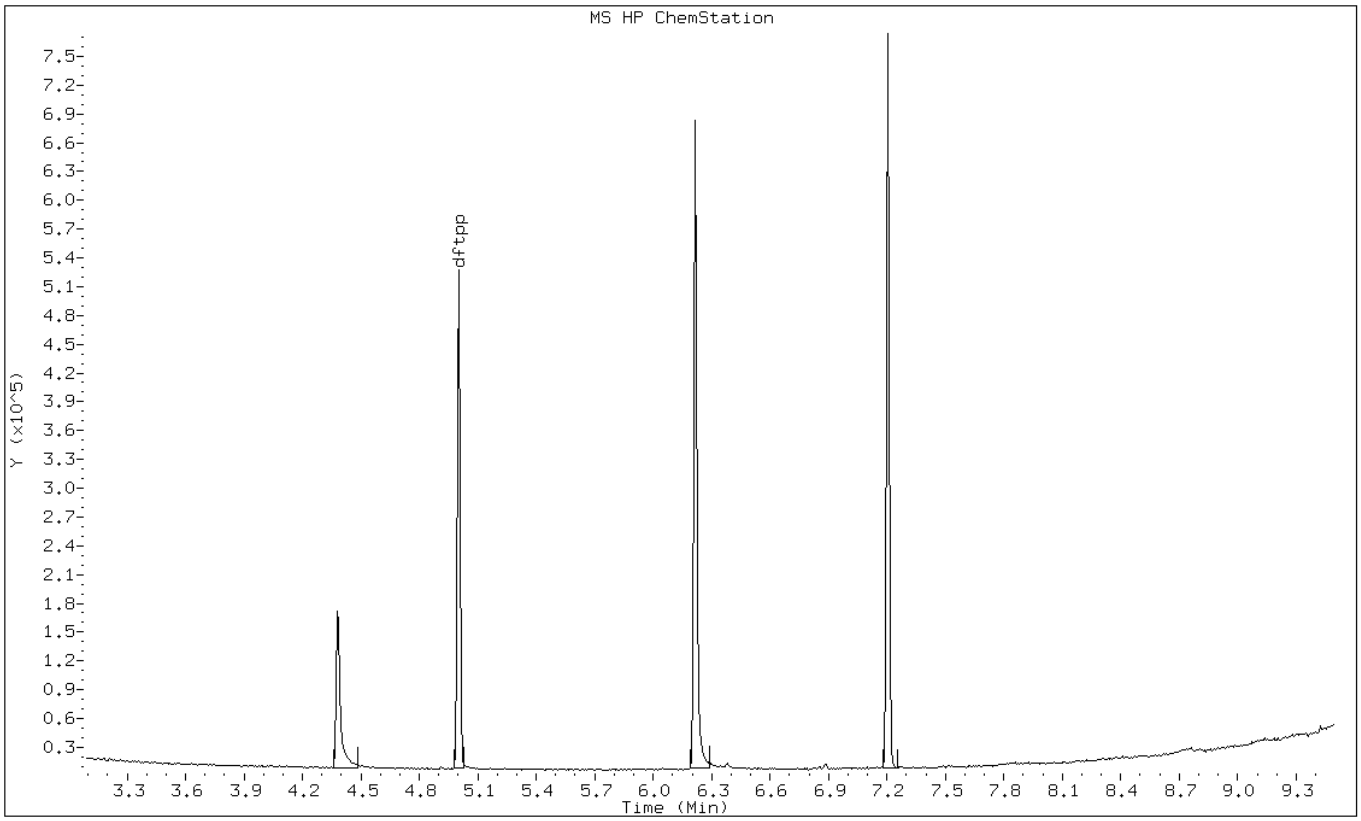
Date: 09-OCT-2012 14:40

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2



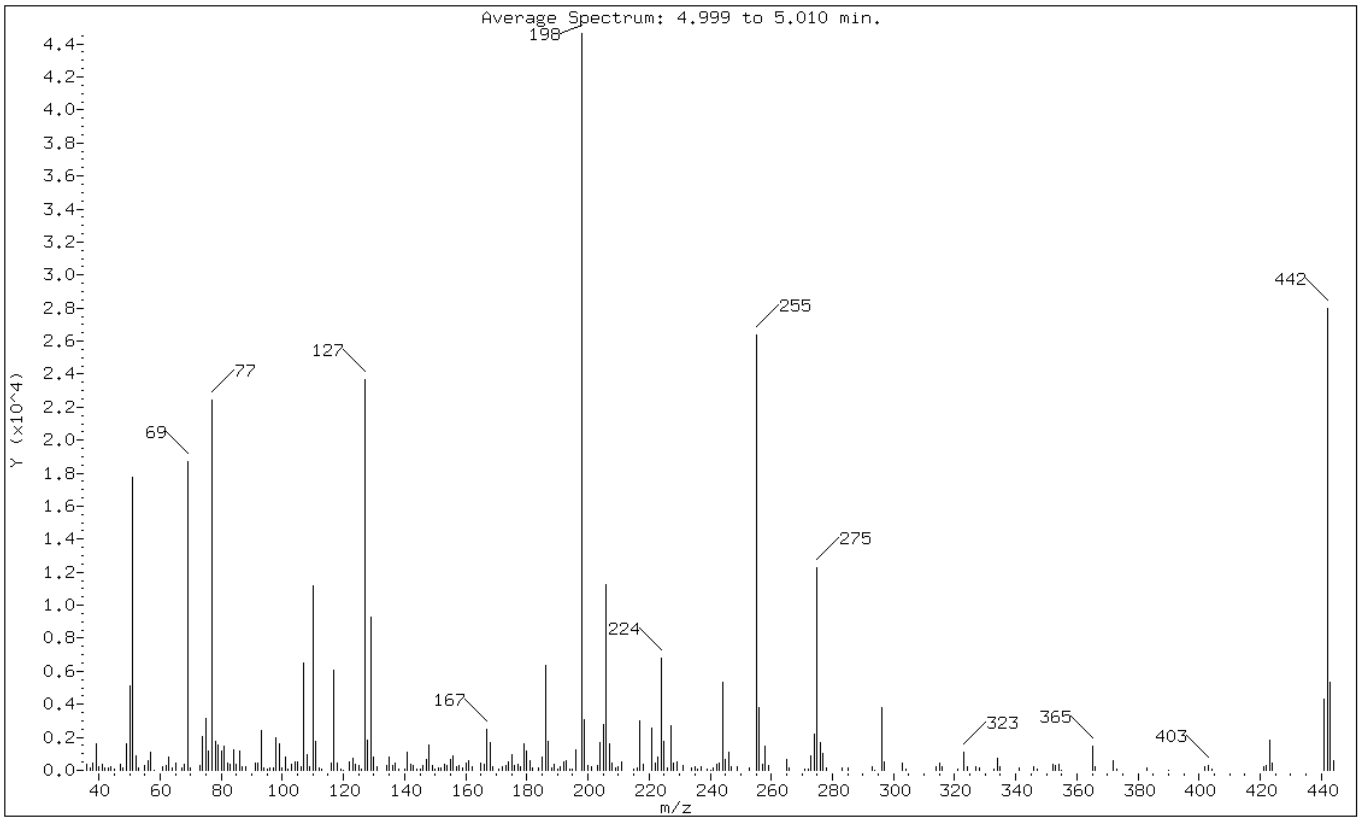
Data File: x30842.d

Date: 09-OCT-2012 14:40

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 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	39.72
68	Less than 2.00% of mass 69	0.79 (1.89)
69	Mass 69 relative abundance	41.82
70	Less than 2.00% of mass 69	0.33 (0.78)
127	40.00 - 60.00% of mass 198	52.98
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.84
275	10.00 - 30.00% of mass 198	27.57
365	Greater than 1.00% of mass 198	3.28
441	0.01 - 100.00% of mass 443	9.59 (79.83)
442	40.00 - 110.00% of mass 198	62.69
443	17.00 - 23.00% of mass 442	12.02 (19.17)

Data File: x30842.d

Date: 09-OCT-2012 14:40

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/10-09-12/09oct12.b/x30842.d
Spectrum: Average Spectrum: 4.999 to 5.010 min.
Location of Maximum: 198.00
Number of points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	368	106.00	244	176.00	280	253.00	140
37.00	178	107.00	6486	177.00	396	255.00	26360
38.00	416	108.00	976	178.00	223	256.00	3787
39.00	1632	109.00	247	179.00	1618	257.00	358
40.00	219	110.00	11148	180.00	1144	258.00	1490
41.00	355	111.00	1751	181.00	597	259.00	275
42.00	121	112.00	172	182.00	128	265.00	656
43.00	170	113.00	109	184.00	131	266.00	139
44.00	236	116.00	407	185.00	830	271.00	41
45.00	43	117.00	6047	186.00	6345	272.00	58
47.00	332	118.00	407	187.00	1745	273.00	882
48.00	152	119.00	67	188.00	125	274.00	2201
49.00	1594	120.00	33	189.00	371	275.00	12306
50.00	5088	122.00	490	190.00	54	276.00	1647
51.00	17728	123.00	712	191.00	215	277.00	1041
52.00	881	124.00	333	192.00	536	278.00	170
53.00	133	125.00	315	193.00	613	283.00	165
55.00	277	126.00	81	194.00	69	285.00	174
56.00	556	127.00	23640	195.00	86	293.00	214
57.00	1103	128.00	1861	196.00	1227	294.00	35
58.00	35	129.00	9306	198.00	44632	296.00	3797
61.00	211	130.00	812	199.00	3053	297.00	542
62.00	290	131.00	184	200.00	316	303.00	405
63.00	799	134.00	258	201.00	247	304.00	38
64.00	120	135.00	795	203.00	319	314.00	209
65.00	436	136.00	328	204.00	1715	315.00	418
67.00	132	137.00	422	205.00	2755	316.00	232
68.00	353	138.00	63	206.00	11268	321.00	100
69.00	18664	140.00	93	207.00	1611	323.00	1062
70.00	146	141.00	1132	208.00	462	324.00	192
73.00	295	142.00	386	209.00	126	327.00	220
74.00	2043	143.00	276	210.00	195	328.00	120
75.00	3121	144.00	88	211.00	543	333.00	44
76.00	1170	145.00	42	215.00	61	334.00	732
77.00	22456	146.00	286	216.00	163	335.00	196
78.00	1727	147.00	667	217.00	2975	341.00	151
79.00	1513	148.00	1559	218.00	377	346.00	255
80.00	1153	149.00	327	221.00	2543	347.00	40
81.00	1429	150.00	105	222.00	462	352.00	336
82.00	420	151.00	143	223.00	773	353.00	302

83.00	385	152.00	110	224.00	6774	354.00	354
84.00	1240	153.00	371	225.00	1784	355.00	36
85.00	374	154.00	292	226.00	115	365.00	1466
86.00	1164	155.00	644	227.00	2688	366.00	233
87.00	252	156.00	894	228.00	431	372.00	570
88.00	234	157.00	226	229.00	541	373.00	109
91.00	467	158.00	276	231.00	266	383.00	177
92.00	435	159.00	158	234.00	171	390.00	34
93.00	2389	160.00	430	235.00	219	402.00	206
94.00	130	161.00	561	236.00	62	403.00	316
95.00	86	162.00	207	237.00	185	404.00	40
96.00	160	165.00	413	239.00	90	421.00	246
97.00	141	166.00	356	240.00	35	422.00	261
98.00	1947	167.00	2491	241.00	151	423.00	1803
99.00	1584	168.00	1689	242.00	390	424.00	434
100.00	165	169.00	240	243.00	455	441.00	4282
101.00	790	171.00	88	244.00	5318	442.00	27984
102.00	37	172.00	231	245.00	688	443.00	5364
103.00	329	173.00	284	246.00	1123	444.00	553
104.00	494	174.00	496	247.00	236		
105.00	529	175.00	935	249.00	204		

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30877.d
Report Date: 10-Oct-2012 15:19

TestAmerica

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30877.d
Lab Smp Id: DFTPP-1653831
Inj Date : 10-OCT-2012 15:20
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/BNADFTPP.m
Meth Date : 01-Oct-2012 09:07 croccom Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

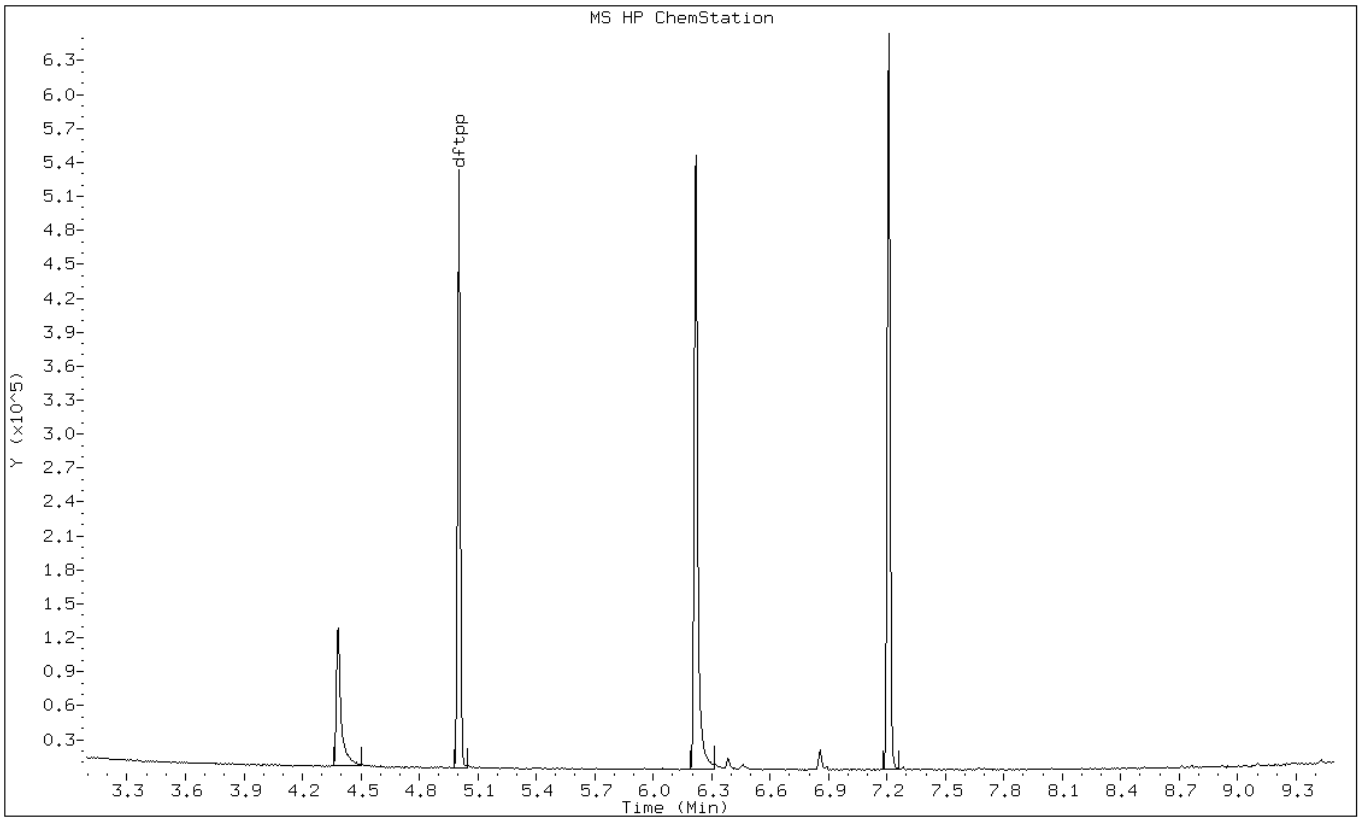
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.005	5.404	-0.399	198	44194			0.00- 100.00	100.00
5.005	5.404	-0.399	51	17872			30.00- 60.00	40.44
5.005	5.404	-0.399	68	333			0.00- 2.00	1.76
5.005	5.404	-0.399	69	18894			0.00- 0.00	42.75
5.005	5.404	-0.399	70	95			0.00- 2.00	0.50
5.005	5.404	-0.399	127	24253			40.00- 60.00	54.88
5.005	5.404	-0.399	197	0			0.00- 1.00	0.00
5.005	5.404	-0.399	199	3159			5.00- 9.00	7.15
5.005	5.404	-0.399	275	11850			10.00- 30.00	26.81
5.005	5.404	-0.399	365	1448			1.00- 0.00	3.28
5.005	5.404	-0.399	441	4044			0.01- 100.00	85.79
5.005	5.404	-0.399	442	26147			40.00- 110.00	59.16
5.005	5.404	-0.399	443	4714			17.00- 23.00	18.03

Data File: x30877.d

Date: 10-OCT-2012 15:20

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2



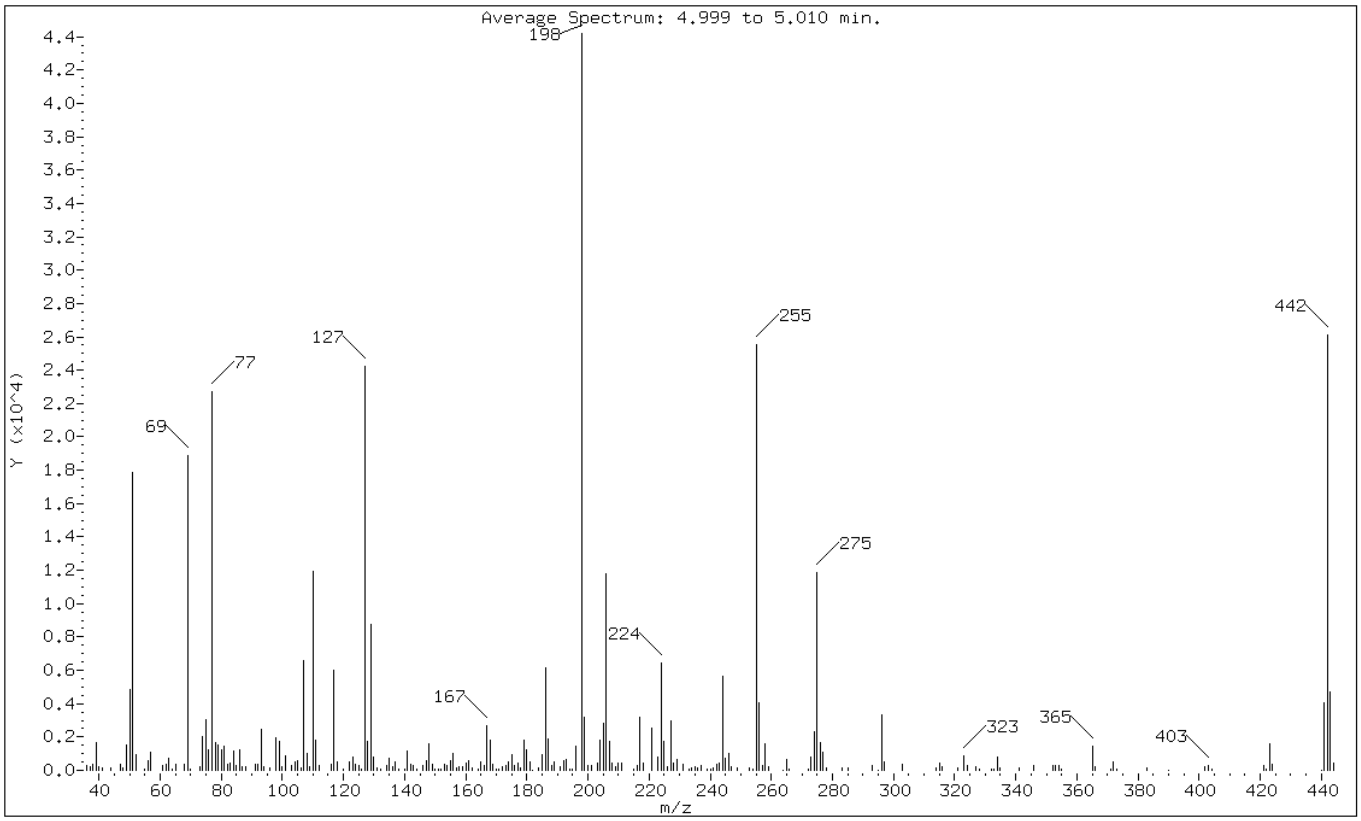
Data File: x30877.d

Date: 10-OCT-2012 15:20

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 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	40.44
68	Less than 2.00% of mass 69	0.75 (1.76)
69	Mass 69 relative abundance	42.75
70	Less than 2.00% of mass 69	0.21 (0.50)
127	40.00 - 60.00% of mass 198	54.88
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.15
275	10.00 - 30.00% of mass 198	26.81
365	Greater than 1.00% of mass 198	3.28
441	0.01 - 100.00% of mass 443	9.15 (85.79)
442	40.00 - 110.00% of mass 198	59.16
443	17.00 - 23.00% of mass 442	10.67 (18.03)

Data File: x30877.d

Date: 10-OCT-2012 15:20

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1653831 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30877.d
Spectrum: Average Spectrum: 4.999 to 5.010 min.
Location of Maximum: 198.00
Number of points: 234

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	270	116.00	351	181.00	499	257.00	315
37.00	213	117.00	5974	182.00	35	258.00	1562
38.00	386	118.00	527	184.00	125	259.00	213
39.00	1677	120.00	96	185.00	923	264.00	34
40.00	233	122.00	517	186.00	6125	265.00	663
41.00	130	123.00	777	187.00	1845	266.00	58
44.00	146	124.00	328	188.00	259	272.00	54
47.00	364	125.00	320	189.00	496	273.00	794
48.00	119	126.00	98	191.00	240	274.00	2288
49.00	1548	127.00	24248	192.00	544	275.00	11850
50.00	4839	128.00	1747	193.00	677	276.00	1680
51.00	17872	129.00	8770	194.00	102	277.00	1096
52.00	916	130.00	792	195.00	92	278.00	152
55.00	55	131.00	150	196.00	1452	283.00	151
56.00	570	132.00	37	198.00	44192	285.00	153
57.00	1098	134.00	256	199.00	3159	293.00	276
61.00	277	135.00	745	200.00	272	295.00	36
62.00	333	136.00	242	201.00	321	296.00	3356
63.00	739	137.00	538	203.00	412	297.00	503
64.00	51	138.00	37	204.00	1829	303.00	371
65.00	337	140.00	56	205.00	2805	314.00	141
68.00	333	141.00	1180	206.00	11776	315.00	453
69.00	18888	142.00	367	207.00	1729	316.00	241
70.00	95	143.00	303	208.00	427	321.00	113
73.00	205	144.00	89	209.00	196	323.00	901
74.00	2000	146.00	286	210.00	398	324.00	255
75.00	3036	147.00	604	211.00	400	327.00	191
76.00	1215	148.00	1557	215.00	99	328.00	108
77.00	22696	149.00	352	216.00	296	332.00	41
78.00	1651	150.00	60	217.00	3199	333.00	37
79.00	1539	151.00	90	218.00	424	334.00	819
80.00	1213	152.00	79	221.00	2562	335.00	179
81.00	1458	153.00	354	223.00	828	341.00	118
82.00	337	154.00	262	224.00	6411	346.00	273
83.00	432	155.00	559	225.00	1756	352.00	267
84.00	1139	156.00	986	226.00	238	353.00	255
85.00	283	157.00	160	227.00	2977	354.00	278
86.00	1205	158.00	215	228.00	461	355.00	60
87.00	218	159.00	191	229.00	685	365.00	1448
88.00	243	160.00	411	231.00	336	366.00	197

91.00	359	161.00	562	233.00	42	371.00	43
92.00	393	162.00	153	234.00	163	372.00	526
93.00	2446	164.00	78	235.00	206	373.00	107
94.00	184	165.00	486	236.00	151	383.00	135
96.00	125	166.00	306	237.00	262	390.00	35
98.00	1922	167.00	2696	239.00	101	402.00	250
99.00	1723	168.00	1811	240.00	95	403.00	274
100.00	204	169.00	353	241.00	171	404.00	93
101.00	869	170.00	97	242.00	346	421.00	268
103.00	276	171.00	48	243.00	454	422.00	48
104.00	488	172.00	231	244.00	5654	423.00	1615
105.00	580	173.00	304	245.00	715	424.00	380
106.00	157	174.00	524	246.00	1043	440.00	33
107.00	6612	175.00	949	247.00	228	441.00	4044
108.00	996	176.00	305	249.00	168	442.00	26144
109.00	220	177.00	408	253.00	109	443.00	4714
110.00	11901	178.00	112	254.00	92	444.00	437
111.00	1827	179.00	1816	255.00	25536		
112.00	262	180.00	1250	256.00	4023		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-131181/1-A

Matrix: Water | Lab File ID: x30880.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 16:31

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	1.8	U	5.0	1.8
121-69-7	n,n'-Dimethylaniline	0.21	U	1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		53-108
367-12-4	2-Fluorophenol	44		10-65
4165-60-0	Nitrobenzene-d5	87		56-112
4165-62-2	Phenol-d5	27		10-48
1718-51-0	Terphenyl-d14	83		50-122
118-79-6	2,4,6-Tribromophenol	73		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30880.d
Report Date: 11-Oct-2012 12:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30880.d
Lab Smp Id: MB 460-131181/1-A
Inj Date : 10-OCT-2012 16:31
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-131181/1-A
Misc Info : MB 460-131181/1-A
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 4 QC Sample: BLANK
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

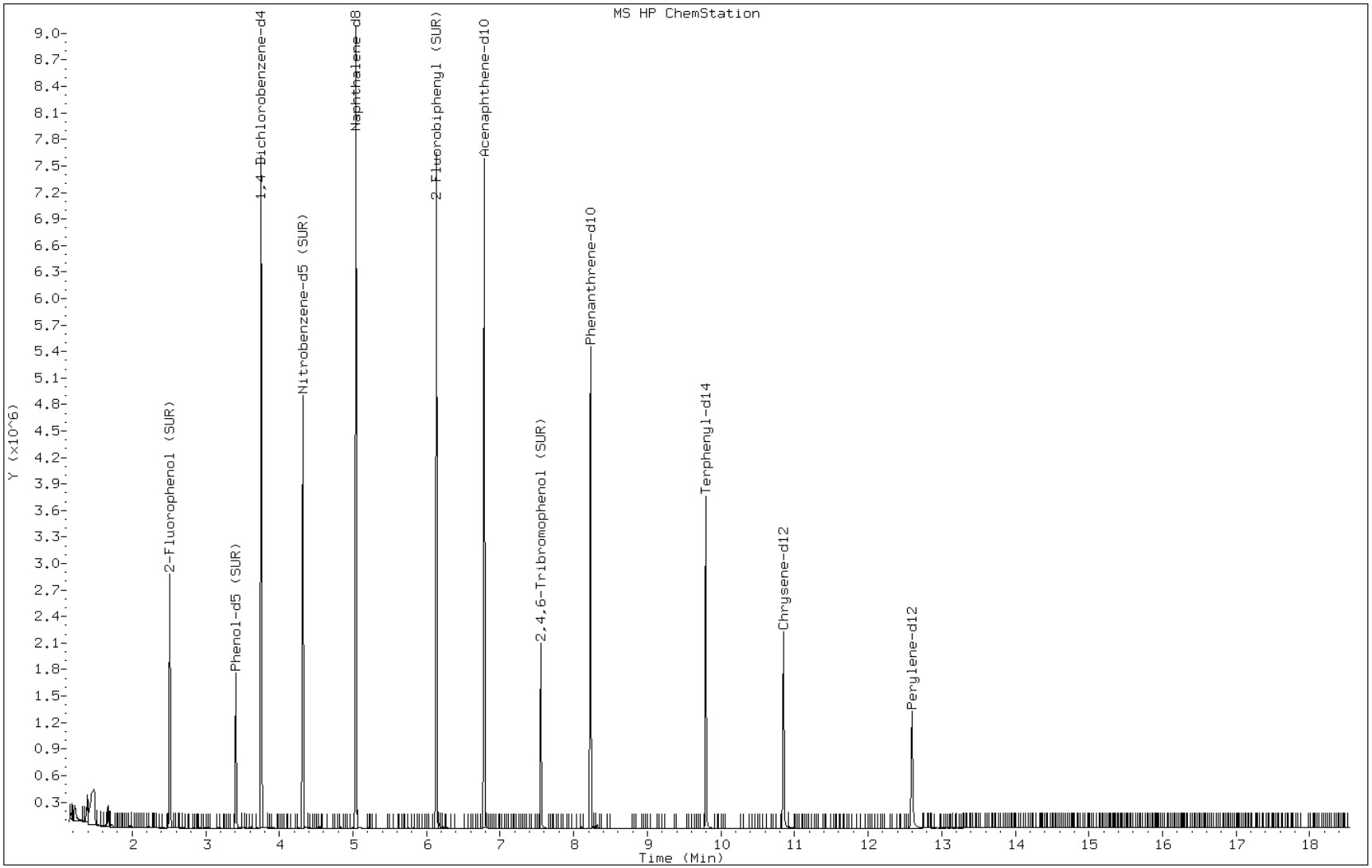
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.513	2.513	(0.669)	806897	22.2091	44
$ 17 Phenol-d5 (SUR)	99	3.407	3.437	(0.908)	545788	13.6026	27
* 79 1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	1094339	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.319	4.331	(0.857)	1571424	43.3639	87
* 80 Naphthalene-d8	136	5.042	5.048	(1.000)	3931296	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.905)	2235583	38.0760	76
* 82 Acenaphthene-d10	164	6.783	6.789	(1.000)	1621428	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.554	7.560	(1.114)	180161	36.4729	73
* 83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1846395	40.0000	
$ 78 Terphenyl-d14	244	9.795	9.795	(0.903)	1063189	41.5400	83
* 81 Chrysene-d12	240	10.848	10.854	(1.000)	833972	40.0000	
* 84 Perylene-d12	264	12.595	12.595	(1.000)	649581	40.0000	

Data File: x30880.d

Date: 10-OCT-2012 16:31

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-131181/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-131181/2-A

Matrix: Water | Lab File ID: x30879.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 16:06

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	67.6		5.0	1.8
121-69-7	n,n'-Dimethylaniline	86.3		1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		53-108
367-12-4	2-Fluorophenol	48		10-65
4165-60-0	Nitrobenzene-d5	88		56-112
4165-62-2	Phenol-d5	28		10-48
1718-51-0	Terphenyl-d14	82		50-122
118-79-6	2,4,6-Tribromophenol	87		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30879.d
Report Date: 11-Oct-2012 09:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30879.d
Lab Smp Id: LCS 460-131181/2-A
Inj Date : 10-OCT-2012 16:06
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-131181/2-A
Misc Info : LCS 460-131181/2-A
Comment :
Method : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 3 QC Sample: BS
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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106	1,4-Dioxane	88	1.260	1.243	(0.336)	366545	24.4490	49(H)
19	N-Nitrosodimethylamine	74	1.460	1.454	(0.389)	503824	26.0602	52
71	Pyridine	79	1.484	1.472	(0.395)	926629	26.5711	53
$ 16	2-Fluorophenol (SUR)	112	2.507	2.513	(0.668)	784985	23.8907	48
110	Benzaldehyde	77	3.307	3.313	(0.881)	1091540	66.9574	130
$ 17	Phenol-d5 (SUR)	99	3.419	3.437	(0.911)	500465	13.7921	28
1	Phenol	94	3.431	3.448	(0.914)	678213	15.8920	32
73	Aniline	93	3.425	3.431	(0.912)	1488319	33.8093	68
20	bis(2-Chloroethyl)ether	93	3.501	3.507	(0.933)	1442412	48.1475	96
2	2-Chlorophenol	128	3.548	3.554	(0.945)	1557843	42.6434	85
113	n-decane	43	3.619	3.619	(0.964)	1200346	33.8301	68(R)
21	1,3-Dichlorobenzene	146	3.701	3.701	(0.986)	1648099	39.3133	79
* 79	1,4-Dichlorobenzene-d4	152	3.754	3.760	(1.000)	989682	40.0000	
22	1,4-Dichlorobenzene	146	3.772	3.778	(1.005)	1652797	39.7236	79
74	Benzyl Alcohol	108	3.913	3.919	(1.042)	713409	36.8083	74

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30879.d
Report Date: 11-Oct-2012 09:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	3.925	3.931	(1.045)	1542394	40.0241	80
	3 2-Methylphenol	108	4.048	4.054	(1.078)	972957	34.5531	69
	24 bis (2-chloroisopropyl) ether	45	4.048	4.054	(1.078)	1571368	43.0650	86
	4 4-Methylphenol	108	4.207	4.213	(1.121)	864160	31.0880	62
	123 3 & 4 Methylphenol	108	4.207	4.213	(1.121)	864160	31.0378	62
	104 Acetophenone	105	4.178	4.184	(1.113)	1771771	45.4235	91
	25 N-Nitroso-di-n-propylamine	70	4.195	4.195	(1.117)	902527	45.3587	91
	26 Hexachloroethane	117	4.266	4.272	(1.136)	608747	39.6326	79
$	76 Nitrobenzene-d5 (SUR)	82	4.325	4.331	(0.858)	1383967	44.0184	88
	27 Nitrobenzene	77	4.348	4.354	(0.862)	1854007	44.9563	90
	107 N,N-Dimethylaniline	120	4.354	4.354	(1.160)	1974939	43.1614	86
	28 Isophorone	82	4.595	4.595	(0.911)	1971805	42.5375	85
	5 2-Nitrophenol	139	4.666	4.666	(0.925)	795034	45.4330	91
	6 2,4-Dimethylphenol	122	4.742	4.742	(0.940)	1086352	42.0204	84
	29 bis(2-Chloroethoxy)methane	93	4.825	4.831	(0.957)	1385000	46.2427	92
	15 Benzoic Acid	122	4.848	4.913	(0.962)	116163	9.94593	20(H)
	7 2,4-Dichlorophenol	162	4.919	4.925	(0.976)	1043191	45.8177	92
	30 1,2,4-Trichlorobenzene	180	4.995	4.995	(0.991)	1101806	40.3634	81
*	80 Naphthalene-d8	136	5.042	5.048	(1.000)	3410853	40.0000	
	31 Naphthalene	128	5.066	5.066	(1.005)	3708690	41.6343	83
	32 4-Chloroaniline	127	5.136	5.137	(1.019)	1390602	45.7614	92
	33 Hexachlorobutadiene	225	5.207	5.207	(1.033)	585721	38.1990	76
	111 Caprolactam	113	5.489	5.519	(1.089)	54167	10.4670	21
	8 4-Chloro-3-methylphenol	107	5.648	5.654	(1.120)	847084	42.9741	86
	34 2-Methylnaphthalene	142	5.760	5.760	(1.142)	2237731	42.7945	86
	120 1-Methylnaphthalene	142	5.860	5.860	(1.162)	2039270	38.2810	76
	35 Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	413735	35.2592	70
	129 1,2,4,5-Tetrachlorobenzene	216	5.936	5.937	(0.874)	898619	40.4172	81
	9 2,4,6-Trichlorophenol	196	6.054	6.060	(0.892)	604001	44.9568	90
	10 2,4,5-Trichlorophenol	196	6.089	6.101	(0.897)	583196	44.7087	89
$	77 2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.904)	2110636	42.6519	85
	102 Diphenyl	154	6.231	6.237	(0.918)	2441443	45.1949	90
	36 2-Chloronaphthalene	162	6.242	6.242	(0.919)	1881783	44.2002	88
	103 Diphenyl Ether	170	6.336	6.342	(0.933)	1330638	45.1271	90
	37 2-Nitroaniline	65	6.354	6.360	(0.936)	596474	52.4015	100
	38 Dimethylphthalate	163	6.554	6.554	(0.965)	1805171	48.2564	96
	40 2,6-Dinitrotoluene	165	6.601	6.601	(0.972)	412078	47.5319	95
	39 Acenaphthylene	152	6.648	6.648	(0.979)	2758732	43.6961	87
	41 3-Nitroaniline	138	6.760	6.766	(0.996)	437579	50.4757	100
*	82 Acenaphthene-d10	164	6.789	6.789	(1.000)	1366574	40.0000	
	42 Acenaphthene	154	6.819	6.819	(1.004)	1663705	44.6876	89
	11 2,4-Dinitrophenol	184	6.860	6.866	(1.010)	134559	41.1408	82
	12 4-Nitrophenol	65	6.954	6.960	(1.024)	67741	13.2347	26(a)
	44 2,4-Dinitrotoluene	165	6.989	6.995	(1.029)	470194	46.6797	93
	43 Dibenzofuran	168	6.989	6.989	(1.029)	2287502	44.1794	88
	130 2,3,4,6-Tetrachlorophenol	232	7.119	7.125	(1.048)	335152	44.2272	88
	45 Diethylphthalate	149	7.242	7.248	(1.067)	1630330	47.7147	95

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30879.d
Report Date: 11-Oct-2012 09:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	46 4-Chlorophenyl-phenylether	204	7.336	7.336	(1.081)	837501	43.7033	87
	47 Fluorene	166	7.325	7.325	(1.079)	1773582	44.9107	90
	48 4-Nitroaniline	138	7.360	7.366	(1.084)	343734	50.1692	100
	13 4,6-Dinitro-2-methylphenol	198	7.389	7.389	(0.898)	221790	50.5803	100
	49 N-Nitrosodiphenylamine	169	7.454	7.454	(0.906)	1173188	48.8311	98
	75 1,2-Diphenylhydrazine	77	7.489	7.489	(0.910)	1672585	38.9285	78
$	18 2,4,6-Tribromophenol (SUR)	330	7.560	7.560	(1.113)	181814	43.6718	87
	50 4-Bromophenyl-phenylether	248	7.807	7.807	(0.949)	422099	45.4566	91
	51 Hexachlorobenzene	284	7.866	7.866	(0.956)	393240	42.7919	86
	112 Atrazine	200	7.989	7.989	(0.971)	266664	39.1457	78
	14 Pentachlorophenol	266	8.060	8.066	(0.979)	168110	41.5076	83
	115 n-Octadecane	57	8.177	8.178	(0.994)	892760	42.9010	86
*	83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1518524	40.0000	
	52 Phenanthrene	178	8.254	8.254	(1.003)	1962623	45.2165	90
	53 Anthracene	178	8.307	8.307	(1.009)	1931357	44.8205	90
	54 Carbazole	167	8.472	8.472	(1.029)	1593997	47.6512	95
	55 Di-n-butylphthalate	149	8.836	8.836	(1.074)	2041730	48.0385	96
	56 Fluoranthene	202	9.407	9.407	(1.143)	1580436	46.5962	93
	58 Benzidine	184	9.554	9.554	(1.161)	213476	38.1483	76
	57 Pyrene	202	9.624	9.625	(0.887)	1529846	42.2697	84
$	78 Terphenyl-d14	244	9.795	9.795	(0.902)	975437	41.0144	82
	59 Butylbenzylphthalate	149	10.289	10.289	(0.948)	627809	46.2073	92
	60 3,3'-Dichlorobenzidine	252	10.836	10.830	(0.998)	319255	52.8241	100
	61 Benzo(a)anthracene	228	10.842	10.842	(0.999)	1054356	43.3139	87
*	81 Chrysene-d12	240	10.854	10.854	(1.000)	774943	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.930	10.930	(1.007)	809884	39.6555	79
	62 Chrysene	228	10.883	10.883	(1.003)	1057309	44.6574	89
	64 Di-n-octylphthalate	149	11.707	11.707	(0.929)	1077575	36.4752	73
	65 Benzo(b)fluoranthene	252	12.118	12.118	(0.962)	775255	43.2673	86
	66 Benzo(k)fluoranthene	252	12.154	12.154	(0.965)	951079	45.8859	92
	67 Benzo(a)pyrene	252	12.524	12.524	(0.994)	681062	46.0737	92
*	84 Perylene-d12	264	12.601	12.595	(1.000)	646234	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.959	13.960	(1.108)	588648	45.6546	91
	69 Dibenz(a,h)anthracene	278	13.995	13.995	(1.111)	675197	43.0273	86
	70 Benzo(g,h,i)perylene	276	14.295	14.289	(1.134)	757778	50.4835	100

QC Flag Legend

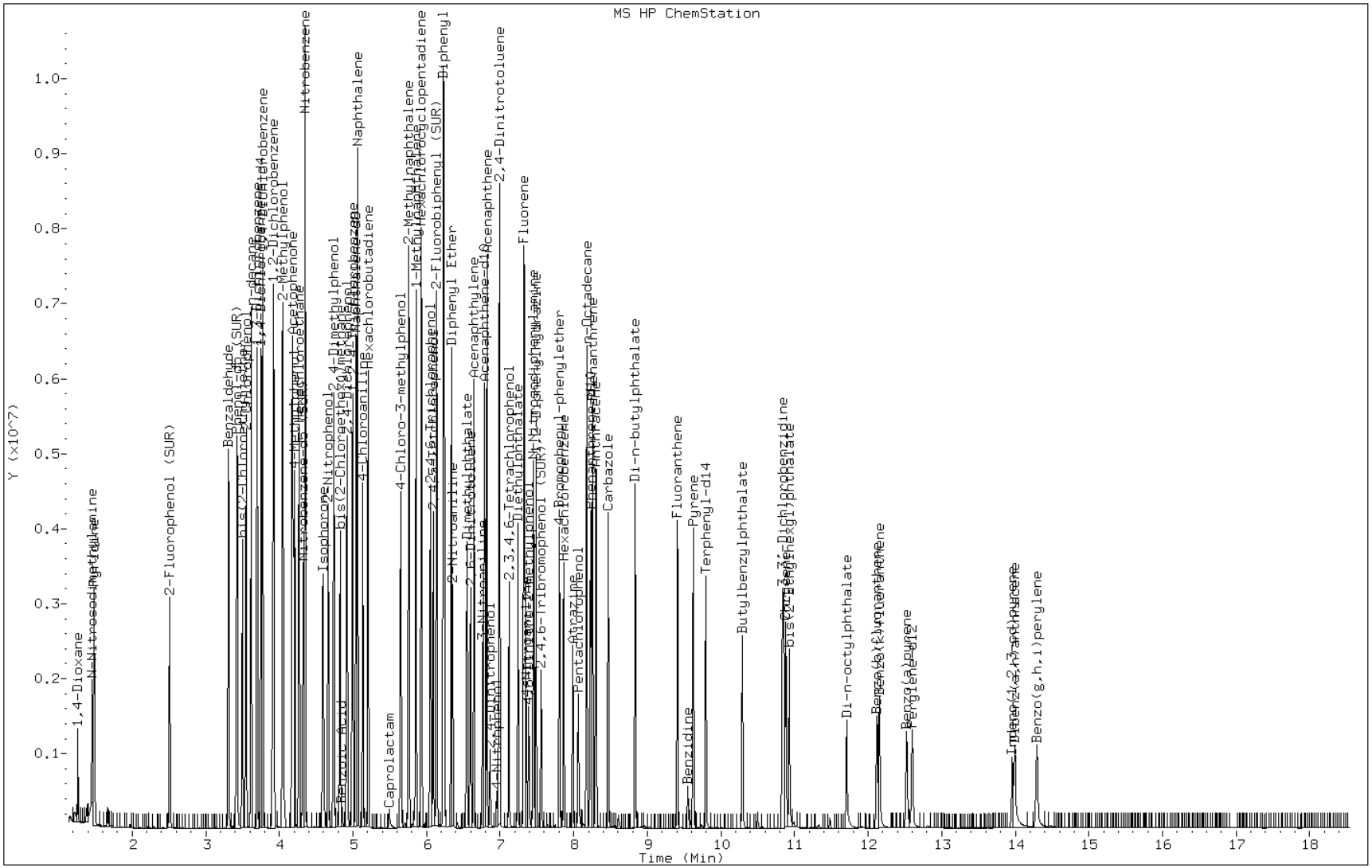
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x30879.d

Date: 10-OCT-2012 16:06

Client ID: Instrument: BNAMS5.i

Sample Info: LCS 460-131181/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 MS | Lab Sample ID: 460-45509-8 MS

Matrix: Water | Lab File ID: x30882.d

Analysis Method: 8270C | Date Collected: 10/04/2012 14:05

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 17:21

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	52.6		5.0	1.8
121-69-7	n,n'-Dimethylaniline	77.2		1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		53-108
367-12-4	2-Fluorophenol	37		10-65
4165-60-0	Nitrobenzene-d5	81		56-112
4165-62-2	Phenol-d5	21		10-48
1718-51-0	Terphenyl-d14	73		50-122
118-79-6	2,4,6-Tribromophenol	80		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30882.d
Report Date: 11-Oct-2012 10:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30882.d
Lab Smp Id: 460-45509-G-8-A MS Client Smp ID: MW-35
Inj Date : 10-OCT-2012 17:21
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-G-8-A MS
Misc Info : 460-45509-G-8-A MS
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 6 QC Sample: MS
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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.254	1.243	(0.334)	245627	18.4710	37
	19 N-Nitrosodimethylamine	74	1.448	1.454	(0.385)	331774	19.3474	39
	71 Pyridine	79	1.472	1.472	(0.391)	555896	17.9712	36
$	16 2-Fluorophenol (SUR)	112	2.507	2.513	(0.667)	541368	18.5756	37
	110 Benzaldehyde	77	3.307	3.313	(0.880)	818746	56.6225	110
$	17 Phenol-d5 (SUR)	99	3.413	3.437	(0.908)	341661	10.6153	21
	1 Phenol	94	3.431	3.448	(0.912)	470831	12.4382	25
	73 Aniline	93	3.425	3.431	(0.911)	1026042	26.2776	52
	20 bis(2-Chloroethyl)ether	93	3.501	3.507	(0.931)	1146846	43.7273	87
	2 2-Chlorophenol	128	3.548	3.554	(0.944)	1214330	37.4753	75
	113 n-decane	43	3.619	3.619	(0.962)	1049342	33.3422	67(R)
	21 1,3-Dichlorobenzene	146	3.701	3.701	(0.984)	1437051	38.6464	77
*	79 1,4-Dichlorobenzene-d4	152	3.760	3.760	(1.000)	877839	40.0000	
	22 1,4-Dichlorobenzene	146	3.778	3.778	(1.005)	1419059	38.4512	77
	74 Benzyl Alcohol	108	3.913	3.919	(1.041)	512985	29.8396	60

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30882.d
Report Date: 11-Oct-2012 10:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
23	1,2-Dichlorobenzene	146	3.925	3.931	(1.044)	1331493	38.9535	78
3	2-Methylphenol	108	4.048	4.054	(1.077)	733853	29.3821	59
24	bis (2-chloroisopropyl) ether	45	4.054	4.054	(1.078)	1278218	39.4941	79
4	4-Methylphenol	108	4.207	4.213	(1.119)	638118	25.8809	52
123	3 & 4 Methylphenol	108	4.207	4.213	(1.119)	638118	25.8392	52
104	Acetophenone	105	4.178	4.184	(1.111)	1436871	41.5309	83
25	N-Nitroso-di-n-propylamine	70	4.189	4.195	(1.114)	728560	41.2807	82
26	Hexachloroethane	117	4.266	4.272	(1.135)	532351	39.0746	78
$ 76	Nitrobenzene-d5 (SUR)	82	4.325	4.331	(0.857)	1119334	40.4935	81
27	Nitrobenzene	77	4.348	4.354	(0.861)	1512693	41.7203	83
107	N,N-Dimethylaniline	120	4.354	4.354	(1.158)	1565940	38.5832	77
28	Isophorone	82	4.589	4.595	(0.909)	1583656	38.8586	78
5	2-Nitrophenol	139	4.666	4.666	(0.924)	636875	41.3959	83
6	2,4-Dimethylphenol	122	4.742	4.742	(0.939)	882788	38.8386	78
29	bis(2-Chloroethoxy)methane	93	4.825	4.831	(0.956)	1115185	42.3505	85
15	Benzoic Acid	122	4.842	4.913	(0.959)	75607	7.38823	15(H)
7	2,4-Dichlorophenol	162	4.919	4.925	(0.974)	820330	40.9804	82
30	1,2,4-Trichlorobenzene	180	4.995	4.995	(0.990)	943694	39.3217	79
* 80	Naphthalene-d8	136	5.048	5.048	(1.000)	2998784	40.0000	
31	Naphthalene	128	5.066	5.066	(1.003)	3099566	39.5776	79
32	4-Chloroaniline	127	5.136	5.137	(1.017)	1043598	39.0614	78
33	Hexachlorobutadiene	225	5.207	5.207	(1.031)	503906	37.3790	75
111	Caprolactam	113	5.484	5.519	(1.086)	32567	7.15784	14
8	4-Chloro-3-methylphenol	107	5.648	5.654	(1.119)	652608	37.6575	75
34	2-Methylnaphthalene	142	5.760	5.760	(1.141)	1828947	39.7832	80
120	1-Methylnaphthalene	142	5.860	5.860	(1.161)	1681387	35.9000	72
35	Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	338694	33.4892	67
129	1,2,4,5-Tetrachlorobenzene	216	5.936	5.937	(0.874)	726840	37.9295	76
9	2,4,6-Trichlorophenol	196	6.054	6.060	(0.892)	474308	40.9605	82
10	2,4,5-Trichlorophenol	196	6.089	6.101	(0.897)	462116	41.1033	82
$ 77	2-Fluorobiphenyl (SUR)	172	6.136	6.137	(0.904)	1683060	39.4613	79
102	Diphenyl	154	6.231	6.237	(0.918)	2000282	42.9617	86
36	2-Chloronaphthalene	162	6.242	6.242	(0.919)	1532357	41.7601	84
103	Diphenyl Ether	170	6.336	6.342	(0.933)	1074947	42.2972	84
37	2-Nitroaniline	65	6.354	6.360	(0.936)	475083	48.4249	97
38	Dimethylphthalate	163	6.548	6.554	(0.964)	1438465	44.6152	89
40	2,6-Dinitrotoluene	165	6.601	6.601	(0.972)	332805	44.5392	89
39	Acenaphthylene	152	6.642	6.648	(0.978)	2259538	41.5240	83
41	3-Nitroaniline	138	6.760	6.766	(0.996)	335139	44.8537	90
* 82	Acenaphthene-d10	164	6.789	6.789	(1.000)	1177839	40.0000	
42	Acenaphthene	154	6.819	6.819	(1.004)	1319336	41.1163	82
11	2,4-Dinitrophenol	184	6.860	6.866	(1.010)	104168	37.2384	74
12	4-Nitrophenol	65	6.954	6.960	(1.024)	44700	10.1325	20(a)
44	2,4-Dinitrotoluene	165	6.989	6.995	(1.029)	376854	43.4081	87
43	Dibenzofuran	168	6.989	6.989	(1.029)	1849353	41.4406	83
130	2,3,4,6-Tetrachlorophenol	232	7.119	7.125	(1.049)	260430	39.8737	80
45	Diethylphthalate	149	7.242	7.248	(1.067)	1335458	45.3476	91

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30882.d
Report Date: 11-Oct-2012 10:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	46 4-Chlorophenyl-phenylether	204	7.336	7.336	(1.081)	681118	41.2381	82
	47 Fluorene	166	7.325	7.325	(1.079)	1433988	42.1300	84
	48 4-Nitroaniline	138	7.360	7.366	(1.084)	268694	45.5009	91
	13 4,6-Dinitro-2-methylphenol	198	7.389	7.389	(0.898)	172502	45.4233	91
	49 N-Nitrosodiphenylamine	169	7.454	7.454	(0.906)	943033	45.3212	91
	75 1,2-Diphenylhydrazine	77	7.489	7.489	(0.910)	1365436	36.6941	73
$	18 2,4,6-Tribromophenol (SUR)	330	7.560	7.560	(1.113)	143694	40.0460	80
	50 4-Bromophenyl-phenylether	248	7.807	7.807	(0.949)	336835	41.8837	84
	51 Hexachlorobenzene	284	7.866	7.866	(0.956)	320345	40.2501	80
	112 Atrazine	200	7.989	7.989	(0.971)	210130	35.6166	71
	14 Pentachlorophenol	266	8.060	8.066	(0.979)	127336	36.3020	73
	115 n-Octadecane	57	8.177	8.178	(0.994)	707505	39.2561	78
*	83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1315154	40.0000	
	52 Phenanthrene	178	8.254	8.254	(1.003)	1593493	42.3892	85
	53 Anthracene	178	8.301	8.307	(1.009)	1575318	42.2112	84
	54 Carbazole	167	8.472	8.472	(1.029)	1297654	44.7910	90
	55 Di-n-butylphthalate	149	8.836	8.836	(1.074)	1654125	44.9371	90
	56 Fluoranthene	202	9.407	9.407	(1.143)	1304792	44.4181	89
	58 Benzidine	184	9.554	9.554	(1.161)	177608	36.6466	73
	57 Pyrene	202	9.624	9.625	(0.887)	1265987	39.2466	78
$	78 Terphenyl-d14	244	9.795	9.795	(0.902)	776042	36.6112	73
	59 Butylbenzylphthalate	149	10.289	10.289	(0.948)	522636	43.1593	86
	60 3,3'-Dichlorobenzidine	252	10.830	10.830	(0.998)	280685	51.9592	100
	61 Benzo(a)anthracene	228	10.842	10.842	(0.999)	861465	39.7072	79
*	81 Chrysene-d12	240	10.854	10.854	(1.000)	690682	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.930	10.930	(1.007)	653718	35.9139	72
	62 Chrysene	228	10.883	10.883	(1.003)	894130	42.3725	85
	64 Di-n-octylphthalate	149	11.707	11.707	(0.929)	876843	32.9126	66
	65 Benzo(b)fluoranthene	252	12.118	12.118	(0.962)	655114	40.5435	81
	66 Benzo(k)fluoranthene	252	12.154	12.154	(0.965)	784965	41.9954	84
	67 Benzo(a)pyrene	252	12.524	12.524	(0.994)	571449	42.8680	86
*	84 Perylene-d12	264	12.595	12.595	(1.000)	582774	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.959	13.960	(1.108)	462648	40.1849	80
	69 Dibenz(a,h)anthracene	278	13.989	13.995	(1.111)	556239	39.3065	79
	70 Benzo(g,h,i)perylene	276	14.289	14.289	(1.135)	633898	46.8292	94

QC Flag Legend

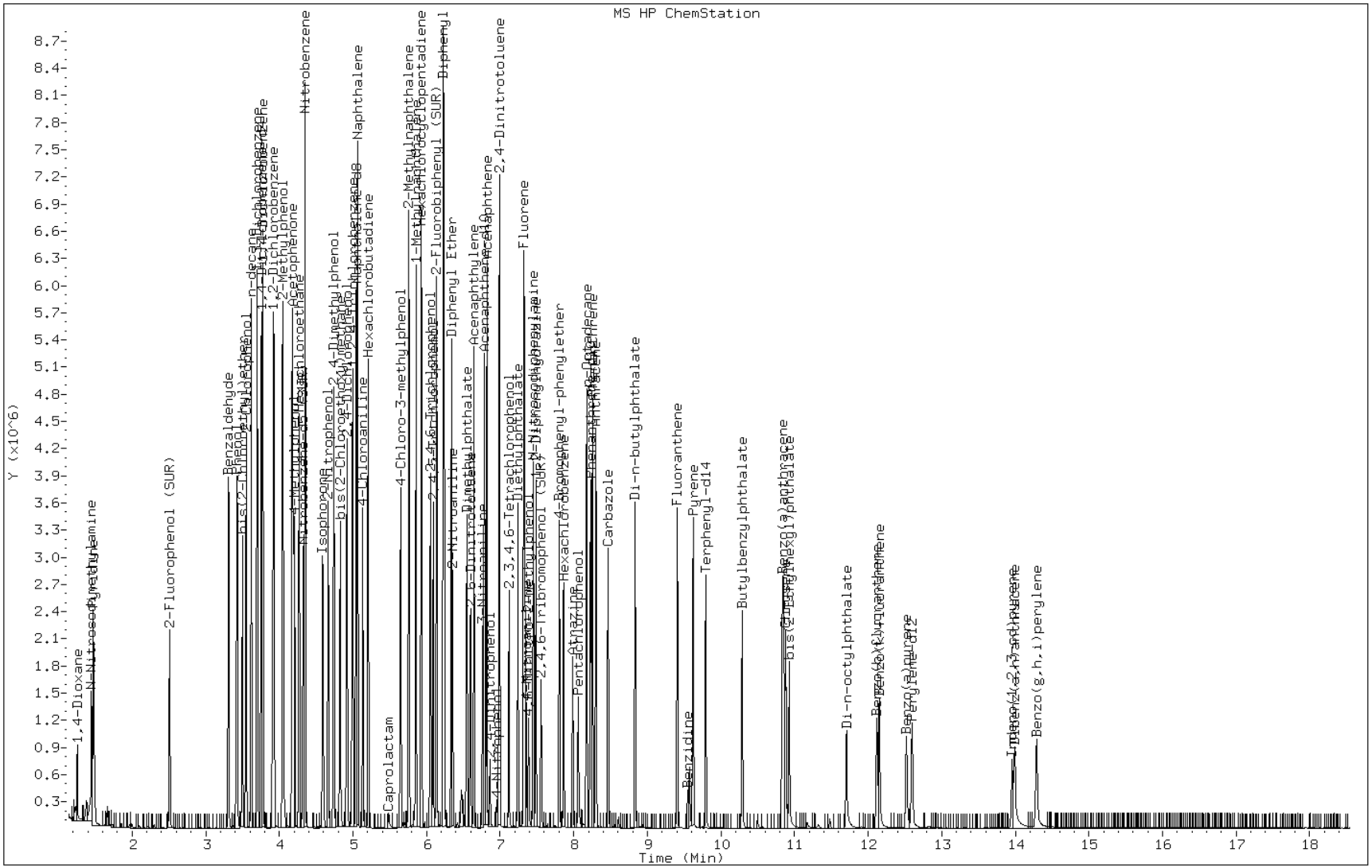
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x30882.d

Date: 10-OCT-2012 17:21

Client ID: MW-35 Instrument: BNAMS5.i

Sample Info: 460-45509-G-8-A MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 MSD | Lab Sample ID: 460-45509-8 MSD

Matrix: Water | Lab File ID: x30883.d

Analysis Method: 8270C | Date Collected: 10/04/2012 14:05

Extract. Method: 3510C | Date Extracted: 10/09/2012 10:26

Sample wt/vol: 1000(mL) | Date Analyzed: 10/10/2012 17:46

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.: 131557 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
62-53-3	Aniline	57.6		5.0	1.8
121-69-7	n,n'-Dimethylaniline	81.3		1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		53-108
367-12-4	2-Fluorophenol	36		10-65
4165-60-0	Nitrobenzene-d5	81		56-112
4165-62-2	Phenol-d5	20		10-48
1718-51-0	Terphenyl-d14	72		50-122
118-79-6	2,4,6-Tribromophenol	77		46-122

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30883.d
Report Date: 11-Oct-2012 10:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30883.d
Lab Smp Id: 460-45509-H-8-A MSD Client Smp ID: MW-35
Inj Date : 10-OCT-2012 17:46
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-45509-H-8-A MSD
Misc Info : 460-45509-H-8-A MSD
Comment   :
Method   : /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/8270C_11.m
Meth Date : 10-Oct-2012 15:46 croccom Quant Type: ISTD
Cal Date : 09-OCT-2012 17:00 Cal File: x30848.d
Als bottle: 7 QC Sample: MSD
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 MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.260	1.243	(0.335)	264743	18.7974	38(H)
	19 N-Nitrosodimethylamine	74	1.460	1.454	(0.388)	359382	19.7877	40
	71 Pyridine	79	1.484	1.472	(0.395)	653096	19.9352	40
$	16 2-Fluorophenol (SUR)	112	2.513	2.513	(0.668)	559813	18.1364	36
	110 Benzaldehyde	77	3.313	3.313	(0.881)	853908	55.7584	110
$	17 Phenol-d5 (SUR)	99	3.419	3.437	(0.909)	345755	10.1430	20
	1 Phenol	94	3.431	3.448	(0.912)	498015	12.4221	25
	73 Aniline	93	3.425	3.431	(0.911)	1192000	28.8242	58
	20 bis(2-Chloroethyl)ether	93	3.501	3.507	(0.931)	1238140	44.4765	89
	2 2-Chlorophenol	128	3.548	3.554	(0.944)	1280701	37.3178	75
	113 n-decane	43	3.619	3.619	(0.962)	1125440	33.7644	68(R)
	21 1,3-Dichlorobenzene	146	3.701	3.701	(0.984)	1527116	38.7765	78
*	79 1,4-Dichlorobenzene-d4	152	3.760	3.760	(1.000)	929727	40.0000	
	22 1,4-Dichlorobenzene	146	3.778	3.778	(1.005)	1521621	38.9292	78
	74 Benzyl Alcohol	108	3.913	3.919	(1.041)	548898	30.1467	60

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30883.d
Report Date: 11-Oct-2012 10:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	3.931	3.931	(1.045)	1402257	38.7342	77
	3 2-Methylphenol	108	4.048	4.054	(1.077)	773819	29.2532	58
	24 bis (2-chloroisopropyl) ether	45	4.054	4.054	(1.078)	1365891	39.8476	80
	4 4-Methylphenol	108	4.207	4.213	(1.119)	668244	25.5902	51
	123 3 & 4 Methylphenol	108	4.207	4.213	(1.119)	668244	25.5489	51
	104 Acetophenone	105	4.178	4.184	(1.111)	1552752	42.3755	85
	25 N-Nitroso-di-n-propylamine	70	4.190	4.195	(1.114)	787360	42.1225	84
	26 Hexachloroethane	117	4.266	4.272	(1.135)	564050	39.0907	78
$	76 Nitrobenzene-d5 (SUR)	82	4.325	4.331	(0.857)	1182857	40.2684	80
	27 Nitrobenzene	77	4.348	4.354	(0.861)	1631230	42.3368	85
	107 N,N-Dimethylaniline	120	4.354	4.354	(1.158)	1747723	40.6588	81
	28 Isophorone	82	4.595	4.595	(0.910)	1691641	39.0607	78
	5 2-Nitrophenol	139	4.666	4.666	(0.924)	682544	41.7484	83
	6 2,4-Dimethylphenol	122	4.742	4.742	(0.939)	933979	38.6679	77
	29 bis(2-Chloroethoxy)methane	93	4.825	4.831	(0.956)	1180807	42.1984	84
	15 Benzoic Acid	122	4.842	4.913	(0.959)	81877	7.52776	15
	7 2,4-Dichlorophenol	162	4.919	4.925	(0.974)	876853	41.2211	82
	30 1,2,4-Trichlorobenzene	180	4.995	4.995	(0.990)	1014890	39.7947	80
*	80 Naphthalene-d8	136	5.048	5.048	(1.000)	3186688	40.0000	
	31 Naphthalene	128	5.066	5.066	(1.003)	3303297	39.6919	79
	32 4-Chloroaniline	127	5.137	5.137	(1.017)	1177747	41.4832	83
	33 Hexachlorobutadiene	225	5.207	5.207	(1.031)	538385	37.5818	75
	111 Caprolactam	113	5.489	5.519	(1.087)	35370	7.31552	15
	8 4-Chloro-3-methylphenol	107	5.648	5.654	(1.119)	694103	37.6902	75
	34 2-Methylnaphthalene	142	5.760	5.760	(1.141)	1949244	39.8997	80
	120 1-Methylnaphthalene	142	5.860	5.860	(1.161)	1786169	35.8884	72
	35 Hexachlorocyclopentadiene	237	5.931	5.931	(0.874)	359044	33.3389	67
	129 1,2,4,5-Tetrachlorobenzene	216	5.937	5.937	(0.874)	769317	37.7007	75
	9 2,4,6-Trichlorophenol	196	6.054	6.060	(0.892)	504799	40.9383	82
	10 2,4,5-Trichlorophenol	196	6.089	6.101	(0.897)	492737	41.1573	82
$	77 2-Fluorobiphenyl (SUR)	172	6.137	6.137	(0.904)	1791431	39.4438	79
	102 Diphenyl	154	6.231	6.237	(0.918)	2101752	42.3914	85
	36 2-Chloronaphthalene	162	6.242	6.242	(0.919)	1629795	41.7100	83
	103 Diphenyl Ether	170	6.337	6.342	(0.933)	1150670	42.5188	85
	37 2-Nitroaniline	65	6.354	6.360	(0.936)	508170	48.6423	97
	38 Dimethylphthalate	163	6.548	6.554	(0.964)	1516110	44.1591	88
	40 2,6-Dinitrotoluene	165	6.601	6.601	(0.972)	345148	43.3775	87
	39 Acenaphthylene	152	6.648	6.648	(0.979)	2343929	40.4511	81
	41 3-Nitroaniline	138	6.760	6.766	(0.996)	361753	45.4665	91
*	82 Acenaphthene-d10	164	6.789	6.789	(1.000)	1254238	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	6.836	6.836	(1.007)	3301	0.10735	0.21(aH)
	42 Acenaphthene	154	6.819	6.819	(1.004)	1427815	41.7865	84
	11 2,4-Dinitrophenol	184	6.860	6.866	(1.010)	113021	37.8936	76
	12 4-Nitrophenol	65	6.954	6.960	(1.024)	43531	9.26648	18(a)
	44 2,4-Dinitrotoluene	165	6.989	6.995	(1.029)	391359	42.3330	85
	43 Dibenzofuran	168	6.989	6.989	(1.029)	1941746	40.8606	82
	130 2,3,4,6-Tetrachlorophenol	232	7.119	7.125	(1.049)	273768	39.3626	79

Data File: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b/x30883.d
Report Date: 11-Oct-2012 10:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	45 Diethylphthalate	149	7.242	7.248	(1.067)	1393514	44.4366	89
	46 4-Chlorophenyl-phenylether	204	7.336	7.336	(1.081)	719436	40.9048	82
	47 Fluorene	166	7.325	7.325	(1.079)	1505402	41.5340	83
	48 4-Nitroaniline	138	7.360	7.366	(1.084)	283014	45.0065	90
	13 4,6-Dinitro-2-methylphenol	198	7.389	7.389	(0.898)	184778	46.1787	92
	49 N-Nitrosodiphenylamine	169	7.454	7.454	(0.906)	995969	45.4284	91
	75 1,2-Diphenylhydrazine	77	7.489	7.489	(0.910)	1391417	35.4886	71
$	18 2,4,6-Tribromophenol (SUR)	330	7.560	7.560	(1.113)	147954	38.7216	77
	50 4-Bromophenyl-phenylether	248	7.807	7.807	(0.949)	356238	42.0412	84
	51 Hexachlorobenzene	284	7.866	7.866	(0.956)	340913	40.6537	81
	112 Atrazine	200	7.989	7.989	(0.971)	219098	35.2460	70
	14 Pentachlorophenol	266	8.060	8.066	(0.979)	135874	36.7640	74
	115 n-Octadecane	57	8.178	8.178	(0.994)	753800	39.6955	79
*	83 Phenanthrene-d10	188	8.230	8.230	(1.000)	1385701	40.0000	
	52 Phenanthrene	178	8.254	8.254	(1.003)	1639779	41.3997	83
	53 Anthracene	178	8.301	8.307	(1.009)	1657815	42.1602	84
	54 Carbazole	167	8.472	8.472	(1.029)	1362689	44.6412	89
	55 Di-n-butylphthalate	149	8.836	8.836	(1.074)	1758408	45.3381	91
	56 Fluoranthene	202	9.407	9.407	(1.143)	1337529	43.2145	86
	58 Benzidine	184	9.554	9.554	(1.161)	211105	41.3406	83
	57 Pyrene	202	9.625	9.625	(0.887)	1298544	38.0753	76
$	78 Terphenyl-d14	244	9.795	9.795	(0.902)	806533	35.9886	72
	59 Butylbenzylphthalate	149	10.289	10.289	(0.948)	541618	42.3040	85
	60 3,3'-Dichlorobenzidine	252	10.830	10.830	(0.998)	301711	53.0098	110
	61 Benzo(a)anthracene	228	10.842	10.842	(0.999)	909309	39.6421	79
*	81 Chrysene-d12	240	10.854	10.854	(1.000)	730238	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.924	10.930	(1.006)	692732	35.9958	72
	62 Chrysene	228	10.883	10.883	(1.003)	941995	42.2227	84
	64 Di-n-octylphthalate	149	11.707	11.707	(0.929)	924048	31.4035	63
	65 Benzo(b)fluoranthene	252	12.118	12.118	(0.962)	720227	40.3569	81
	66 Benzo(k)fluoranthene	252	12.154	12.154	(0.965)	838353	40.6090	81
	67 Benzo(a)pyrene	252	12.524	12.524	(0.994)	623022	42.3158	85
*	84 Perylene-d12	264	12.595	12.595	(1.000)	643660	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.960	13.960	(1.108)	513306	40.3553	81
	69 Dibenz(a,h)anthracene	278	13.995	13.995	(1.111)	623164	39.8703	80
	70 Benzo(g,h,i)perylene	276	14.289	14.289	(1.134)	696382	46.5788	93

QC Flag Legend

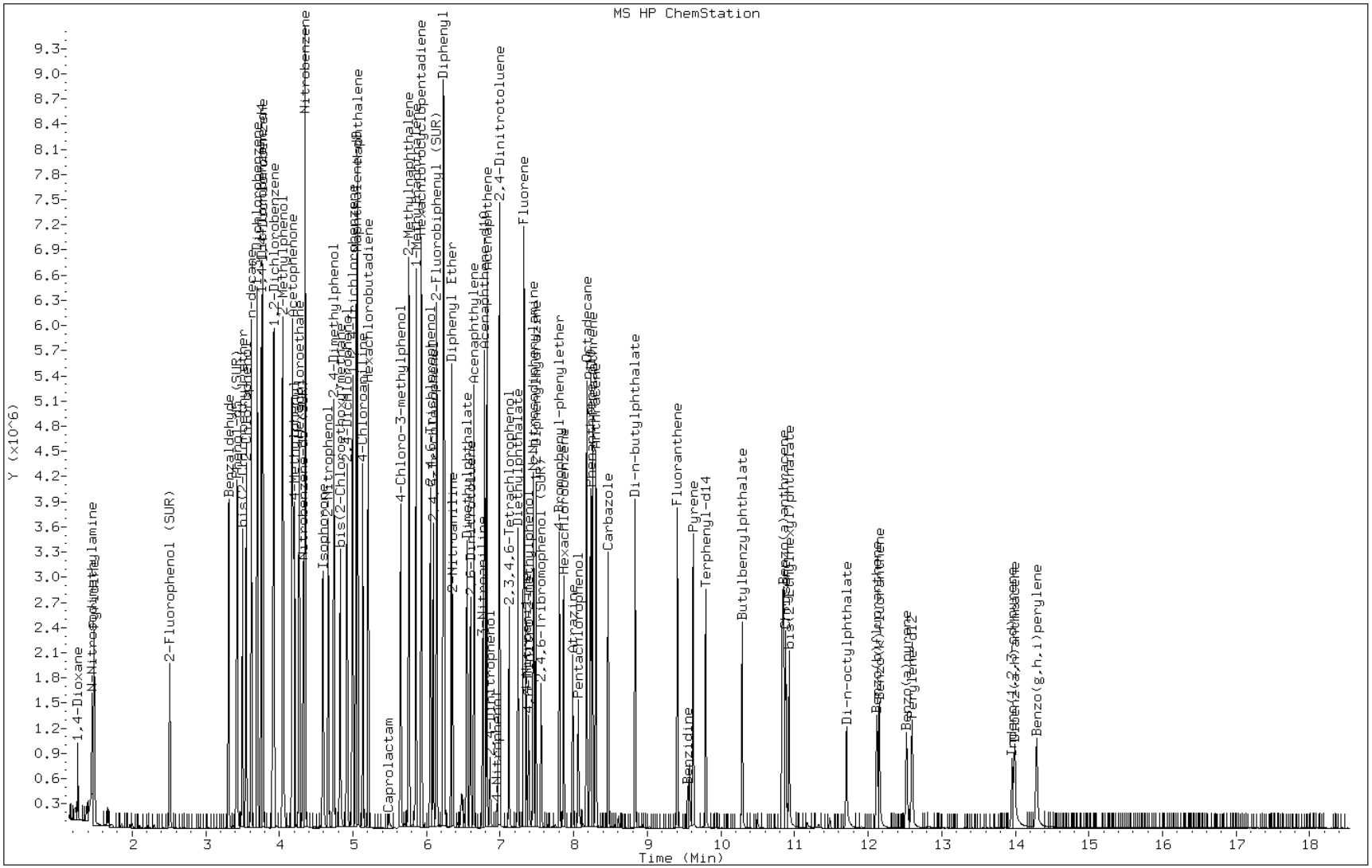
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x30883.d

Date: 10-OCT-2012 17:46

Client ID: MW-35 Instrument: BNAMS5.i

Sample Info: 460-45509-H-8-A MSD Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 10/09/2012 14:40

Analysis Batch Number: 131301 End Date: 10/09/2012 17:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-131301/1		10/09/2012 14:40	1	x30842.d	Rtx-5MS 0.25(mm)
ICIS 460-131301/2		10/09/2012 14:54	1	x30843.d	Rtx-5MS 0.25(mm)
IC 460-131301/3		10/09/2012 15:19	1	x30844.d	Rtx-5MS 0.25(mm)
IC 460-131301/4		10/09/2012 15:44	1	x30845.d	Rtx-5MS 0.25(mm)
IC 460-131301/5		10/09/2012 16:09	1	x30846.d	Rtx-5MS 0.25(mm)
IC 460-131301/6		10/09/2012 16:34	1	x30847.d	Rtx-5MS 0.25(mm)
IC 460-131301/7		10/09/2012 17:00	1	x30848.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 10/10/2012 15:20

Analysis Batch Number: 131557 End Date: 10/11/2012 02:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-131557/1		10/10/2012 15:20	1	x30877.d	Rtx-5MS 0.25(mm)
CCVIS 460-131557/2		10/10/2012 15:34	1	x30878.d	Rtx-5MS 0.25(mm)
LCS 460-131181/2-A		10/10/2012 16:06	1	x30879.d	Rtx-5MS 0.25(mm)
MB 460-131181/1-A		10/10/2012 16:31	1	x30880.d	Rtx-5MS 0.25(mm)
460-45509-8	MW-35	10/10/2012 16:56	1	x30881.d	Rtx-5MS 0.25(mm)
460-45509-8 MS	MW-35 MS	10/10/2012 17:21	1	x30882.d	Rtx-5MS 0.25(mm)
460-45509-8 MSD	MW-35 MSD	10/10/2012 17:46	1	x30883.d	Rtx-5MS 0.25(mm)
ZZZZZ		10/10/2012 18:11	1		Rtx-5MS 0.25(mm)
460-45509-2	BD-01-100412	10/10/2012 18:37	1	x30885.d	Rtx-5MS 0.25(mm)
460-45509-3	MW-30	10/10/2012 19:02	1	x30886.d	Rtx-5MS 0.25(mm)
460-45509-4	MW-28	10/10/2012 19:27	1	x30887.d	Rtx-5MS 0.25(mm)
460-45509-5	MW-8SR	10/10/2012 19:52	1	x30888.d	Rtx-5MS 0.25(mm)
460-45509-6	MW-3S	10/10/2012 20:18	1	x30889.d	Rtx-5MS 0.25(mm)
460-45509-7	MW-27	10/10/2012 20:43	1	x30890.d	Rtx-5MS 0.25(mm)
460-45509-9	MW-34	10/10/2012 21:09	1	x30891.d	Rtx-5MS 0.25(mm)
460-45509-10	TW-01	10/10/2012 21:34	1	x30892.d	Rtx-5MS 0.25(mm)
ZZZZZ		10/10/2012 21:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/10/2012 22:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/10/2012 22:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/10/2012 23:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/10/2012 23:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/11/2012 00:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/11/2012 00:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/11/2012 00:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/11/2012 01:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/11/2012 01:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/11/2012 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		10/11/2012 02:37	1		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/10-09-12/09oct12.b

Date Generated: 10/10/2012

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												13130
10/09/12 1402	x30840.d	1	DFTPP-1653831	"	"	0	0	1	2.0	all	4687	W6
10/09/12 1422	x30841.d	1	DFTPP-1653831	"	"	0	0	1	2.0	all	4687	6 tailing
10/09/12 1440	x30842.d	1	DFTPP-1653831	"	"	0	0	1	2.0	all	4687	6 penta-> 1.604 benz-> 1.486
10/09/12 1454	x30843.d	2	ICIS-1687742	"	"	15	1	1	1.0	all	4690	6
10/09/12 1519	x30844.d	3	IC-1687749	"	"	15	1	1	1.0	all	4692	6
10/09/12 1544	x30845.d	4	IC-1687743	"	"	15	1	1	1.0	all	4690	6
10/09/12 1609	x30846.d	5	IC-1687751	"	"	15	1	1	1.0	all	4690	6 SS20 range 100 except Pp benzo(b)fluoranthene benzo(k)fluoranthene linear at 80PPb
10/09/12 1634	x30847.d	6	IC-1687752	"	"	15	1	1	1.0	all	4690	6
10/09/12 1700	x30848.d	7	IC-1687753	"	"	15	1	1	1.0	all	4690	6
10/09/12 1725	x30849.d	8	icv	09oct12	"	15	1	1	1.0	all	4696	6 1 good compound outliers ET to 135°C

Signed: Michael Morro Read and Understood by: [signature]

Date: 10/10/12 Date: 10/10/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b

Date Generated: 10/11/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												131557
												tuning
10/10/12 1520	x30877.d	1	DFTPP-1653831		—	0	0	1	2.0	all	4687	Renta. -7 2.633 benzo -> 1.107
10/10/12 1534	x30878.d	2	CCVIS-1687742		—	15	1	1	1.0	all	4690	no benzaldehyde benzidine
10/10/12 1606	x30879.d	3	LCS 460-131181/2-A	460-131181	—	1000	2	1	1.0	all-h2	—	
10/10/12 1631	x30880.d	4	MB 460-131181/1-A	460-131181	—	1000	2	1	1.0	all-h2	—	
10/10/12 1656	x30881.d	5	460-45509-H-8-B	460-131181	10/09/12	1000	2	1	1.0	all-h2	—	
10/10/12 1721	x30882.d	6	460-45509-G-8-A MS	460-131181	10/09/12	1000	2	1	1.0	all-h2	—	
10/10/12 1746	x30883.d	7	460-45509-H-8-A MSD	460-131181	10/09/12	1000	2	1	1.0	all-h2	—	
10/10/12 1811	x30884.d	8	460-45582-I-1-A	460-131181	10/09/12	960	2	1	1.0	all-h2	—	
10/10/12 1837	x30885.d	9	460-45509-D-2-A	460-131181	10/09/12	1000	2	1	1.0	all-h2	—	
10/10/12 1902	x30886.d	10	460-45509-D-3-A	460-131181	10/09/12	950	2	1	1.0	all-h2	—	
10/10/12 1927	x30887.d	11	460-45509-H-4-A	460-131181	10/09/12	1000	2	1	1.0	all-h2	—	
10/10/12 1952	x30888.d	12	460-45509-D-5-A	460-131181	10/09/12	950	2	1	1.0	all-h2	—	
10/10/12 2018	x30889.d	13	460-45509-E-6-A	460-131181	10/09/12	1000	2	1	1.0	all-h2	—	
10/10/12 2043	x30890.d	14	460-45509-E-7-A	460-131181	10/09/12	1000	2	1	1.0	all-h2	—	

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b

Date Generated: 10/11/2012

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/10/12 2109	x30891.d	15	460-45509-H-9-A	460-131181	10/09/12	970	2	1	1.0	all-h2		
10/10/12 2134	x30892.d	16	460-45509-H-10-A	460-131181	10/09/12	970	2	1	1.0	all-h2		
10/10/12 2159	x30893.d	17	460-45539-B-1-A	460-131181	10/09/12	980	2	1	1.0	all-h2		
10/10/12 2224	x30894.d	18	460-45539-B-2-A	460-131181	10/09/12	980	2	1	1.0	all-h2		
10/10/12 2250	x30895.d	19	460-45539-B-3-A	460-131181	10/09/12	980	2	1	1.0	all-h2		
10/10/12 2315	x30896.d	20	460-45539-B-4-A	460-131181	10/09/12	980	2	1	1.0	all-h2		
10/10/12 2340	x30897.d	21	460-45540-F-1-A	460-131181	10/09/12	960	2	1	1.0	all-h2		
10/11/12 0006	x30898.d	22	LCS 460-131330/2-A	460-131330	—	1000	2	1	1.0	jTCLP		I spike low - spoke to MS lab
10/11/12 0031	x30899.d	23	MB 460-131330/1-A	460-131330	—	1000	2	1	1.0	jTCLP		
10/11/12 0056	x30900.d	24	460-45544-A-2-H	460-131330	10/10/12	250	2	1	1.0	jTCLP		
10/11/12 0122	x30901.d	25	460-45544-A-2-F MS	460-131330	10/10/12	250	2	1	1.0	jTCLP		
10/11/12 0147	x30902.d	26	460-45544-A-2-G MSD	460-131330	10/10/12	250	2	1	1.0	jTCLP		
10/11/12 0212	x30903.d	27	460-45544-A-1-D	460-131330	10/10/12	250	2	1	1.0	jTCLP		
10/11/12 0237	x30904.d	28	LB 460-131099/1-D	460-131330		250	2	1	1.0	jTCLP		

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/10-09-12/10oct12a.b

Date Generated: 10/11/2012

Page 3

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/11/12 0303	x30905.d	29	blk	10oct12a		15	1	1	1.0	all	—	—

Signed: Michael Morris Read and Understood by: [signature]

Date: 10/11/12 Date: 10-12-12

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Batch Number: 131181 Batch Start Date: 10/09/12 10:25 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00036
MB 460-131181/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-131181/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-45509-G-8 MS	MW-35	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	1 mL
460-45509-H-8 MSD	MW-35	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	1 mL
460-45509-D-2	BD-01-100412	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-45509-D-3	MW-30	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-45509-H-4	MW-28	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-45509-D-5	MW-8SR	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-45509-E-6	MW-3S	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-45509-E-7	MW-27	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-45509-H-8	MW-35	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-45509-H-9	MW-34	3510C, 8270C	T	7	970 mL	2 mL	<2	>12	
460-45509-H-10	TW-01	3510C, 8270C	T	7	970 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00033					
MB 460-131181/1		3510C, 8270C		1 mL					
LCS 460-131181/2		3510C, 8270C		1 mL					
460-45509-G-8 MS	MW-35	3510C, 8270C	T	1 mL					
460-45509-H-8 MSD	MW-35	3510C, 8270C	T	1 mL					
460-45509-D-2	BD-01-100412	3510C, 8270C	T	1 mL					
460-45509-D-3	MW-30	3510C, 8270C	T	1 mL					
460-45509-H-4	MW-28	3510C, 8270C	T	1 mL					
460-45509-D-5	MW-8SR	3510C, 8270C	T	1 mL					
460-45509-E-6	MW-3S	3510C, 8270C	T	1 mL					
460-45509-E-7	MW-27	3510C, 8270C	T	1 mL					
460-45509-H-8	MW-35	3510C, 8270C	T	1 mL					
460-45509-H-9	MW-34	3510C, 8270C	T	1 mL					
460-45509-H-10	TW-01	3510C, 8270C	T	1 mL					

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-45509-1

SDG No.:

Batch Number: 131181 Batch Start Date: 10/09/12 10:25 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	Sulfuric
Acid used for pH adjust Lot #	k20042
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	op 364
Batch Comment	8270 WATER
Person's name who did the concentration	ME
Final Concentrator Volume	2 mL
N-evap #	213204
N-evap temperature	35 Celsius
Na2SO4 Lot Number	213204
Prep Solvent Lot #	14764
Prep Solvent Name	MeCL2
Prep Solvent Volume Used	360 ml mL
Person's name who did the prep	ME
Person's name who witnessed reagent drop	WH
Sufficient volume for MS/MSD?	yes

Basis	Basis Description
T	Total/NA

Method 8015B DAI

Nonhalogenated Organic Compounds (Direct Injection GC) by Method 8015B

FORM II
HYDROCARBONS SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624 (30) ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	2HN1 #
MW-28	460-45509-4	74
MW-35	460-45509-8	74
MW-34	460-45509-9	75
TW-01	460-45509-10	78
	MB 480-84786/5	75
	LCS 480-84786/6	75
MW-35 MS	460-45509-8 MS	77
MW-35 MSD	460-45509-8 MSD	79

	QC LIMITS
2HN = 2-Hexanone	63-124

Column to be used to flag recovery values

FORM II 8015B

FORM III
HYDROCARBONS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 4a73027.d

Lab ID: LCS 480-84786/6 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Methanol	20.0	17.0	85	76-122	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
HYDROCARBONS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 4a73030.d

Lab ID: 460-45509-8 MS Client ID: MW-35 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
Methanol	20.0	0.41 U	17.8	89	76-120	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
HYDROCARBONS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 4a73031.d

Lab ID: 460-45509-8 MSD Client ID: MW-35 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methanol	20.0	18.2	91	2	30	76-120	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM IV
HYDROCARBONS METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Lab Sample ID: MB 480-84786/5

Matrix: Water Date Extracted:

Lab File ID:(1) 4a73026.d Lab File ID:(2)

Date Analyzed:(1) 10/10/2012 14:14 Date Analyzed:(2)

Instrument ID:(1) HP5890-4 Instrument ID:(2)

GC Column:(1) ZB-624 (30) ID: 0.53(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 480-84786/6	10/10/2012 15:26	
MW-28	460-45509-4	10/10/2012 15:35	
MW-35	460-45509-8	10/10/2012 15:44	
MW-35 MS	460-45509-8 MS	10/10/2012 15:53	
MW-35 MSD	460-45509-8 MSD	10/10/2012 16:02	
MW-34	460-45509-9	10/10/2012 16:11	
TW-01	460-45509-10	10/10/2012 16:20	

FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-28 Lab Sample ID: 460-45509-4

Matrix: Water Lab File ID: 4a73028.d

Analysis Method: 8015B Date Collected: 10/04/2012 11:00

Sample wt/vol: 1(mL) Date Analyzed: 10/10/2012 15:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (30) ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84786 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	0.41	U	1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	74		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73028.d		
Lims ID:	460-45509-E-4	Client ID:	MW-28
Inject. Date:	10-Oct-2012 15:35:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	Name: 460-45509-E-4		
Misc. Info.:	Study: 480-0015607-007 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	7
Detector:	Ch-A-4a73028		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:43:26	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:43:25

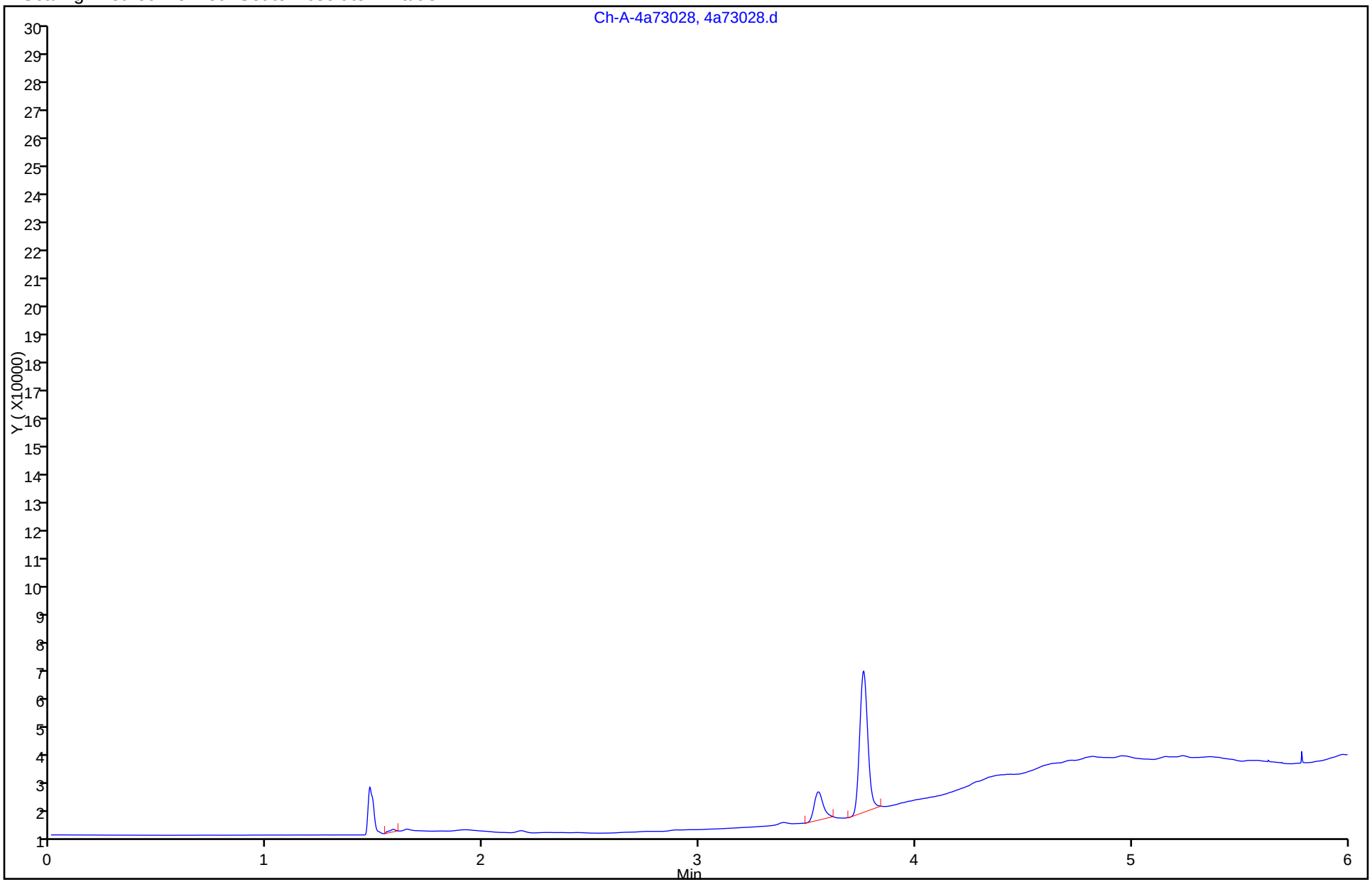
RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
E 1 2-Hexanone					
3.760	3.765	-0.005	129385	7.35	

Report Date: 11-Oct-2012 09:43:26 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73028.d

Injection Date:	10-Oct-2012 15:35:07	Limit Group:	GC 8015B DAI ICAL
Client ID:	MW-28	Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	7
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 | Lab Sample ID: 460-45509-8

Matrix: Water | Lab File ID: 4a73029.d

Analysis Method: 8015B | Date Collected: 10/04/2012 14:05

Sample wt/vol: 1(mL) | Date Analyzed: 10/10/2012 15:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) ID: 0.53(mm)

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

Analysis Batch No.: 84786 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	0.41	U	1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	74		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73029.d		
Lims ID:	460-45509-F-8	Client ID:	MW-35
Inject. Date:	10-Oct-2012 15:44:16	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	Name: 460-45509-F-8		
Misc. Info.:	Study: 480-0015607-008 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	8
Detector:	Ch-A-4a73029		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:44:01	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:44:01

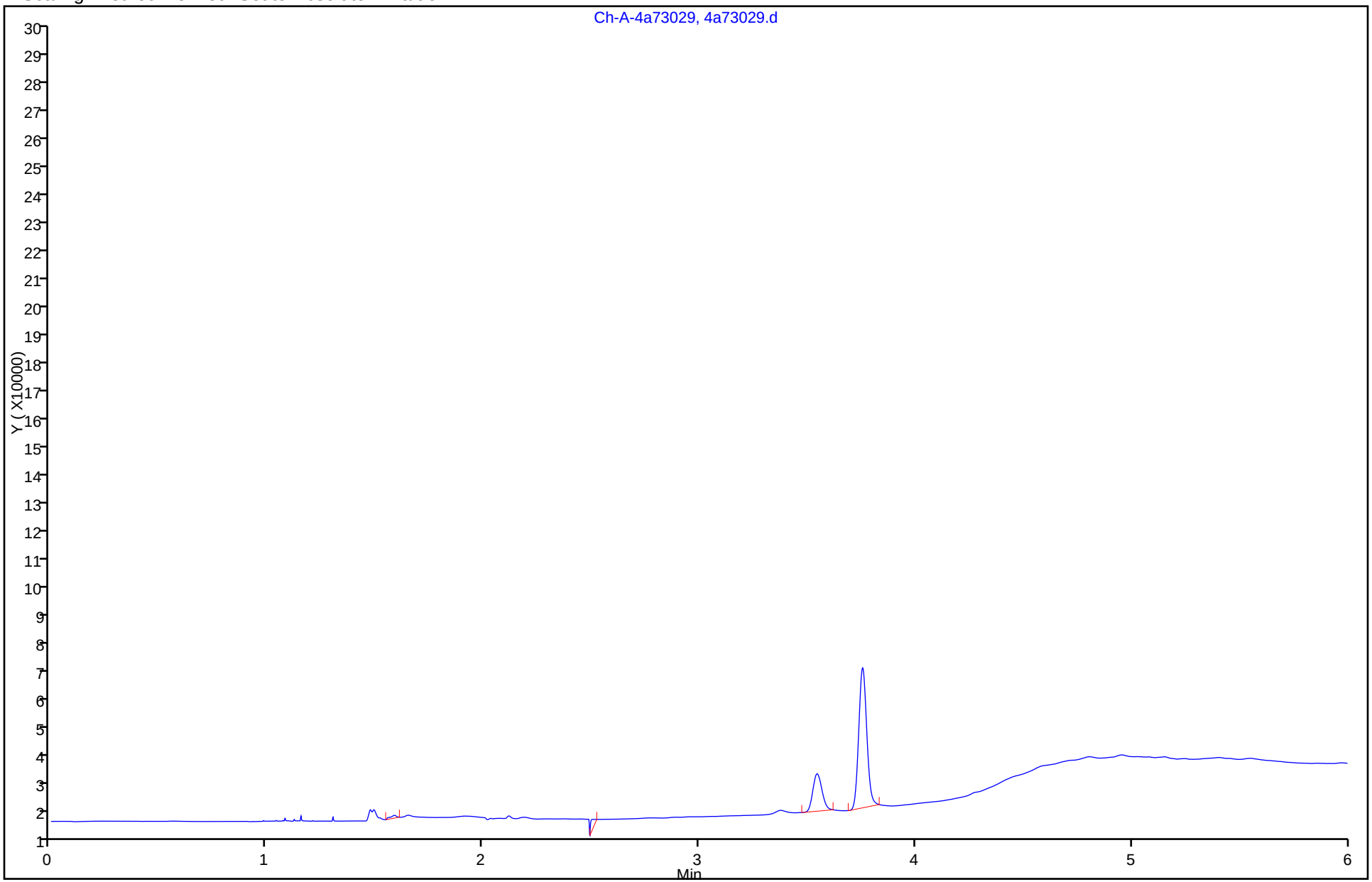
RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
E 1 2-Hexanone					
3.755	3.765	-0.010	129541	7.36	

Report Date: 11-Oct-2012 09:44:01 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73029.d

Injection Date:	10-Oct-2012 15:44:16	Limit Group:	GC 8015B DAI ICAL
Client ID:	MW-35	Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	8
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-34 Lab Sample ID: 460-45509-9

Matrix: Water Lab File ID: 4a73032.d

Analysis Method: 8015B Date Collected: 10/04/2012 15:45

Sample wt/vol: 1(mL) Date Analyzed: 10/10/2012 16:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (30) ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84786 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	0.41	U	1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	75		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73032.d		
Lims ID:	460-45509-D-9	Client ID:	MW-34
Inject. Date:	10-Oct-2012 16:11:47	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	Name: 460-45509-D-9		
Misc. Info.:	Study: 480-0015607-011 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	11
Detector:	Ch-A-4a73032		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:44:55	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:46:28

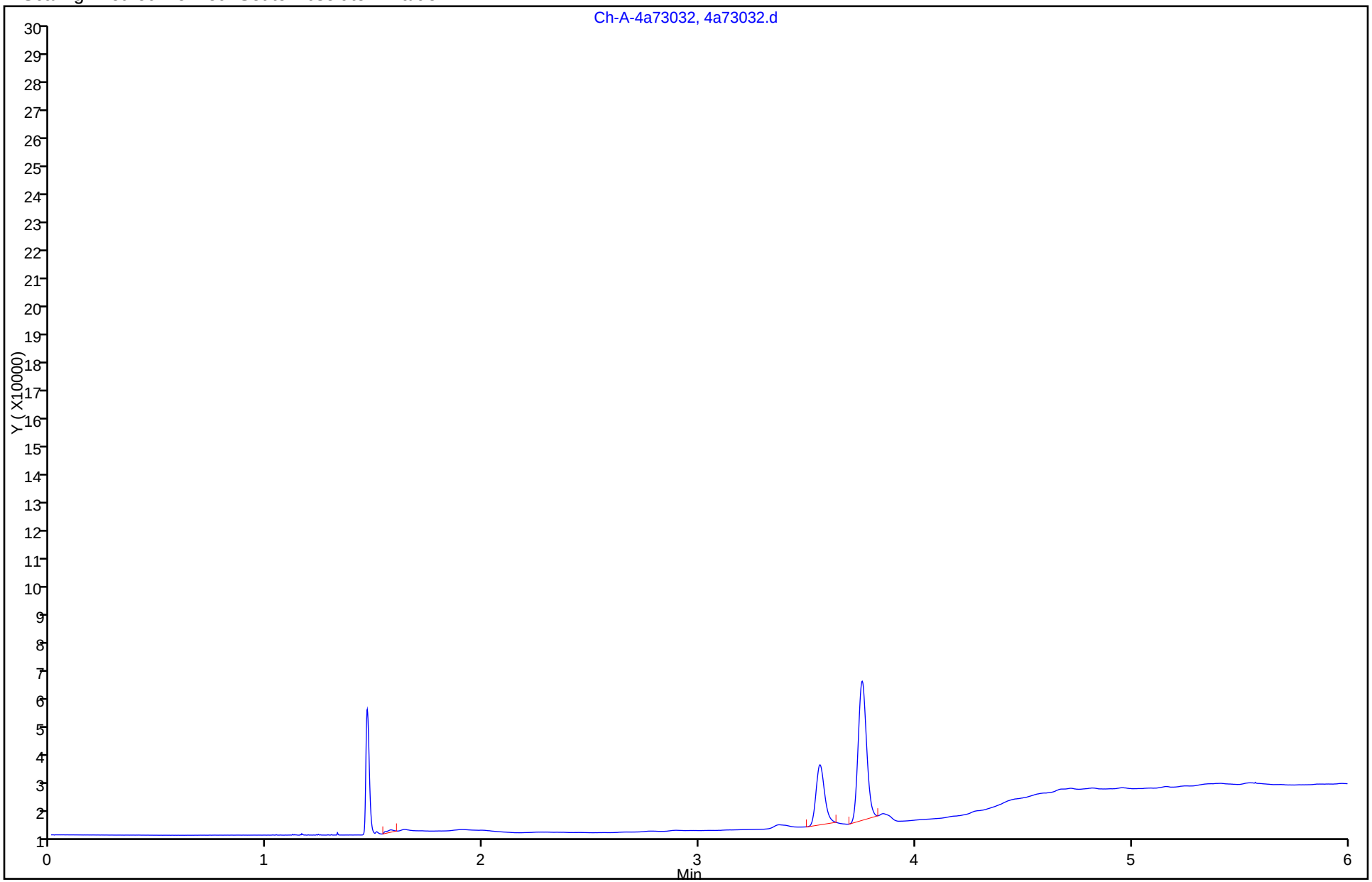
RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
E 1 2-Hexanone					
3.753	3.765	-0.012	131577	7.47	

Report Date: 11-Oct-2012 09:46:28 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73032.d

Injection Date:	10-Oct-2012 16:11:47	Limit Group:	GC 8015B DAI ICAL
Client ID:	MW-34	Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	11
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Client Sample ID: TW-01 Lab Sample ID: 460-45509-10

Matrix: Water Lab File ID: 4a73033.d

Analysis Method: 8015B Date Collected: 10/04/2012 16:40

Sample wt/vol: 1(mL) Date Analyzed: 10/10/2012 16:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (30) ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84786 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	0.41	U	1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	78		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73033.d		
Lims ID:	460-45509-F-10	Client ID:	TW-01
Inject. Date:	10-Oct-2012 16:20:57	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	Name: 460-45509-F-10		
Misc. Info.:	Study: 480-0015607-012 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	12
Detector:	Ch-A-4a73033		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:47:07	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:47:07

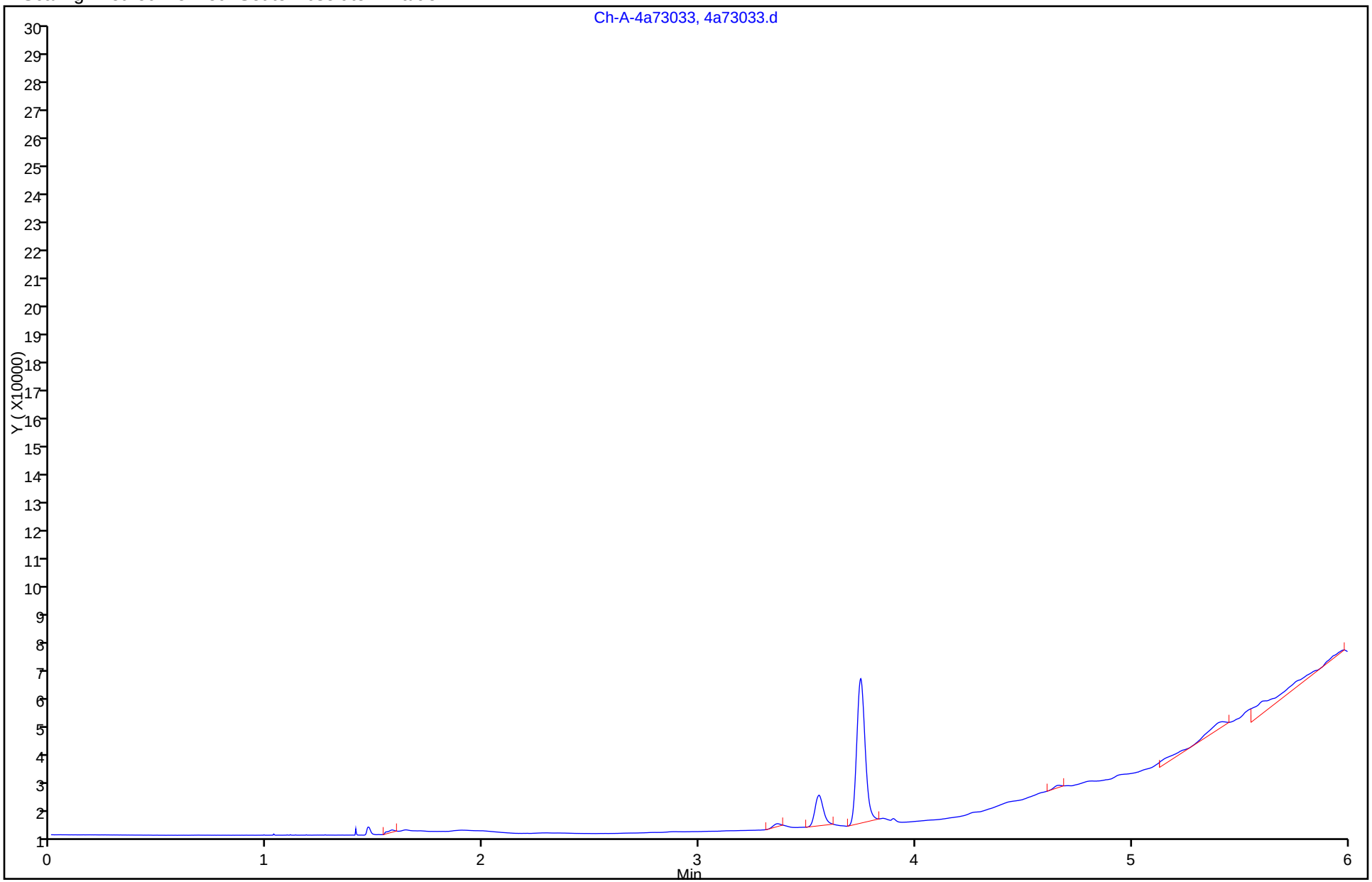
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
E	1 2-Hexanone					
	3.747	3.765	-0.018	137230	7.80	

Report Date: 11-Oct-2012 09:47:07 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73033.d

Injection Date:	10-Oct-2012 16:20:57	Limit Group:	GC 8015B DAI ICAL
Client ID:	TW-01	Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	12
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
HYDROCARBONS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1 Analy Batch No.: 67259

SDG No.:

Instrument ID: HP5890-4 GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 09:51 Calibration End Date: 06/06/2012 10:27 Calibration ID: 8829

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 480-67259/5	4a70237.d
Level 2	STD2 480-67259/6	4a70238.d
Level 3	STD3 480-67259/7	4a70239.d
Level 4	STD4 480-67259/8	4a70240.d
Level 5	STD5 480-67259/9	4a70241.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Methanol	1.660	1.652	1.657	1.647	1.652						1.607 - 1.707	1.654
Ethanol	1.807	1.798	1.802	1.793	1.798						1.752 - 1.852	1.800
Isopropyl alcohol	1.928	1.920	1.922	1.912	1.918						1.872 - 1.972	1.920
t-Butyl alcohol	2.030	2.023	2.025	2.015	2.020						1.975 - 2.075	2.023
Propanol	2.222	2.215	2.217	2.207	2.212						2.167 - 2.267	2.215
2-Butanol	2.453	2.447	2.448	2.437	2.442						2.398 - 2.498	2.445
Isobutyl alcohol	2.650	2.645	2.645	2.635	2.640						2.595 - 2.695	2.643
n-Butanol	2.900	2.895	2.895	2.885	2.890						2.845 - 2.945	2.893
2-Hexanone	3.788	3.783	3.782	3.775	3.778						3.712 - 3.852	3.781

FORM VI
HYDROCARBONS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1 Analy Batch No.: 67259

SDG No.:

Instrument ID: HP5890-4 GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 09:51 Calibration End Date: 06/06/2012 10:27 Calibration ID: 8829

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 480-67259/5	4a70237.d
Level 2	STD2 480-67259/6	4a70238.d
Level 3	STD3 480-67259/7	4a70239.d
Level 4	STD4 480-67259/8	4a70240.d
Level 5	STD5 480-67259/9	4a70241.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Methanol	10730 9043.4	9540.4	9141.3	8953.2	Ave		9481.64950				7.7		20.0			
Ethanol	12665 12977	13232	12967	12821	Ave		12932.3650				1.6		20.0			
Isopropyl alcohol	27331 13984	14406	14071	13835	Lin	11736.9140	13795.8358							1.0000		0.9900
t-Butyl alcohol	18887 18481	18462	18321	18244	Ave		18478.9665				1.3		20.0			
Propanol	13210 15447	15442	15344	15242	Ave		14937.0485				6.5		20.0			
2-Butanol	13585 15115	15136	15009	14904	Ave		14749.8775				4.5		20.0			
Isobutyl alcohol	15610 17024	16941	16882	16776	Ave		16646.6525				3.5		20.0			
n-Butanol	14919 16402	16203	16187	16132	Ave		15968.6030				3.7		20.0			
2-Hexanone	16474 18100	17607	17934	17898	Ave		17602.6313				3.7		47.0			

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

FORM VI
HYDROCARBONS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1 Analy Batch No.: 67259

SDG No.:

Instrument ID: HP5890-4 GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2012 09:51 Calibration End Date: 06/06/2012 10:27 Calibration ID: 8829

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 480-67259/5	4a70237.d
Level 2	STD2 480-67259/6	4a70238.d
Level 3	STD3 480-67259/7	4a70239.d
Level 4	STD4 480-67259/8	4a70240.d
Level 5	STD5 480-67259/9	4a70241.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Methanol	Ave	10730	190808	365652	716255	904336	1.00	20.0	40.0	80.0	100
Ethanol	Ave	12665	264645	518683	1025644	1297695	1.00	20.0	40.0	80.0	100
Isopropyl alcohol	Lin	27331	288116	562858	1106790	1398386	1.00	20.0	40.0	80.0	100
t-Butyl alcohol	Ave	18887	369246	732823	1459511	1848107	1.00	20.0	40.0	80.0	100
Propanol	Ave	13210	308847	613768	1219349	1544683	1.00	20.0	40.0	80.0	100
2-Butanol	Ave	13585	302714	600378	1192315	1511530	1.00	20.0	40.0	80.0	100
Isobutyl alcohol	Ave	15610	338819	675298	1342077	1702390	1.00	20.0	40.0	80.0	100
n-Butanol	Ave	14919	324066	647469	1290588	1640164	1.00	20.0	40.0	80.0	100
2-Hexanone	Ave	16474	352145	717376	1431845	1810015	1.00	20.0	40.0	80.0	100

Curve Type Legend:

Ave = Average
Lin = Linear

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70237.d		
Lims ID:	std1	Client ID:	
Inject. Date:	06-Jun-2012 09:51:22	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	Name: STD1		
Misc. Info.:	Study: 480-0012444-005 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	67259	Lims Sample ID:	5
Sublist:	chrom-8015-Alc*sub1		
Detector:	Ch-A-4a70237		
Method:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\8015-Alc.m		
Last Update:	06-Jun-2012 11:00:30	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	CORP-CTX-16		

First Level Reviewer: dosierc Date: 06-Jun-2012 11:00:30

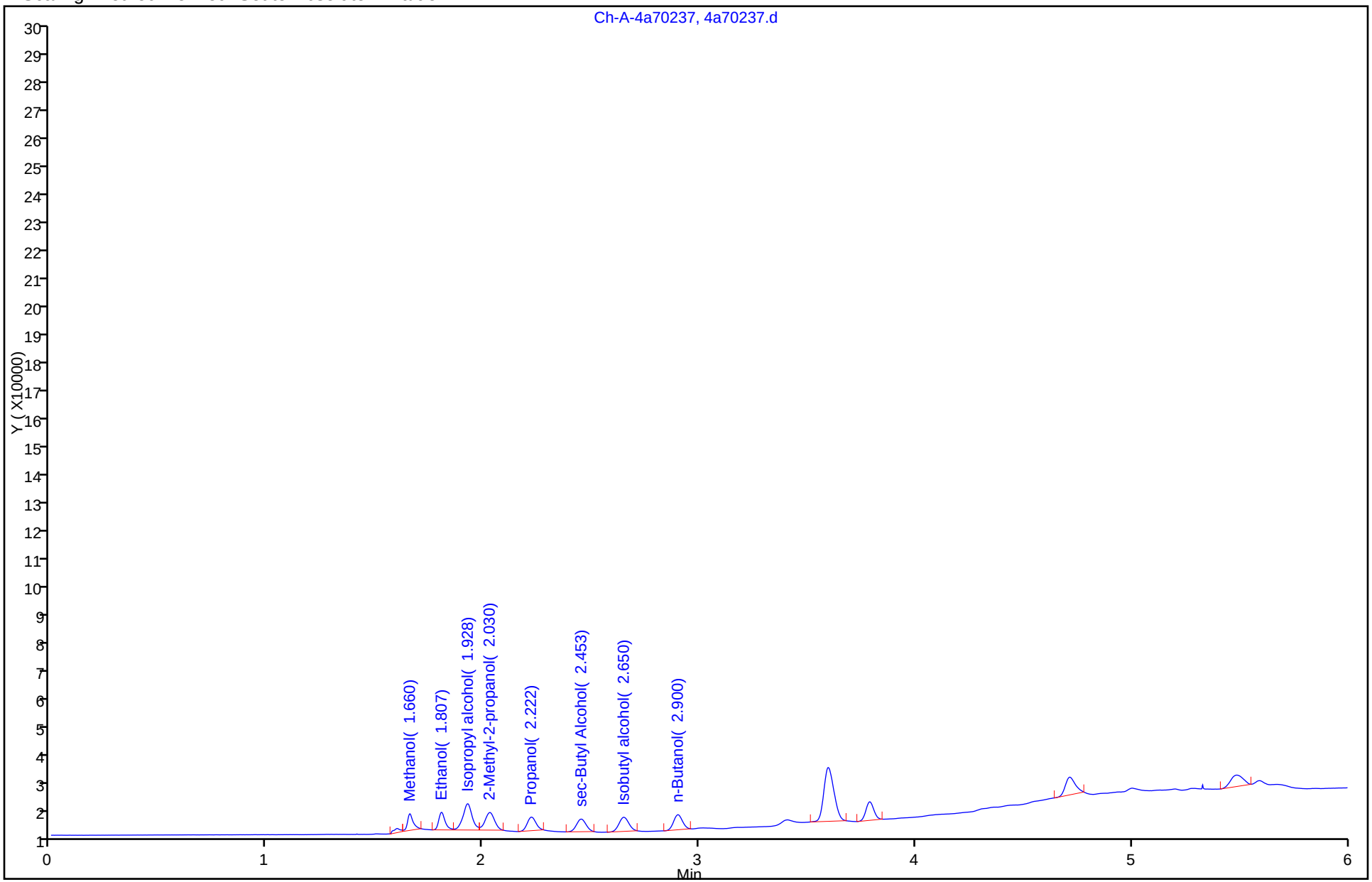
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
6	Methanol					
	1.660	1.657	0.003	10730	1.13	
3	Ethanol					
	1.807	1.802	0.005	12665	0.9793	
5	Isopropyl alcohol					
	1.928	1.922	0.006	27331	1.13	
2	2-Methyl-2-propanol					
	2.030	2.025	0.005	18887	1.02	
8	Propanol					
	2.222	2.217	0.005	13210	0.8844	
9	sec-Butyl Alcohol					
	2.453	2.448	0.005	13585	0.9210	
4	Isobutyl alcohol					
	2.650	2.645	0.005	15610	0.9377	
7	n-Butanol					
	2.900	2.895	0.005	14919	0.9343	
E 1	2-Hexanone					
	3.788	3.782	0.006	16474	0.9359	

Report Date: 06-Jun-2012 11:00:30 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70237.d

Injection Date:	06-Jun-2012 09:51:22	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	5
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70238.d		
Lims ID:	std2	Client ID:	
Inject. Date:	06-Jun-2012 10:00:29	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	Name: STD2		
Misc. Info.:	Study: 480-0012444-006 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	67259	Lims Sample ID:	6
Sublist:	chrom-8015-Alc*sub1		
Detector:	Ch-A-4a70238		
Method:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\8015-Alc.m		
Last Update:	06-Jun-2012 11:00:34	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	CORP-CTX-16		

First Level Reviewer: dosierc Date: 06-Jun-2012 11:00:34

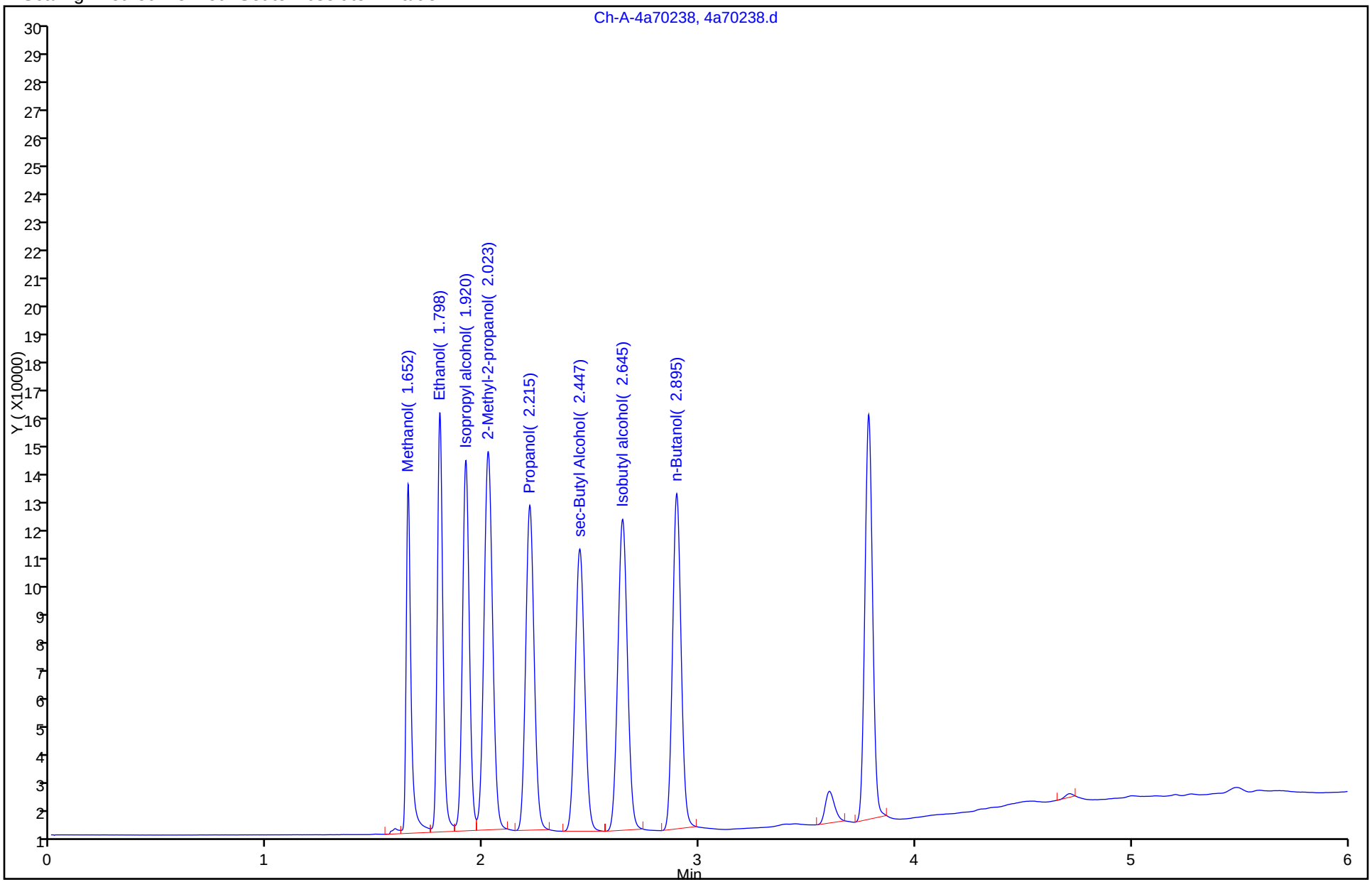
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
6	Methanol					
	1.652	1.657	-0.005	190808	20.1	
3	Ethanol					
	1.798	1.802	-0.004	264645	20.5	
5	Isopropyl alcohol					
	1.920	1.922	-0.002	288116	20.0	
2	2-Methyl-2-propanol					
	2.023	2.025	-0.002	369246	20.0	
8	Propanol					
	2.215	2.217	-0.002	308847	20.7	
9	sec-Butyl Alcohol					
	2.447	2.448	-0.001	302714	20.5	
4	Isobutyl alcohol					
	2.645	2.645	0.000	338819	20.4	
7	n-Butanol					
	2.895	2.895	0.000	324066	20.3	
E 1	2-Hexanone					
	3.783	3.782	0.001	352145	20.0	

Report Date: 06-Jun-2012 11:00:34 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70238.d

Injection Date:	06-Jun-2012 10:00:29	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	6
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70239.d		
Lims ID:	std3	Client ID:	
Inject. Date:	06-Jun-2012 10:09:39	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	Name: STD3		
Misc. Info.:	Study: 480-0012444-007 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	67259	Lims Sample ID:	7
Sublist:	chrom-8015-Alc*sub1		
Detector:	Ch-A-4a70239		
Method:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\8015-Alc.m		
Last Update:	06-Jun-2012 11:00:38	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	CORP-CTX-16		

First Level Reviewer: dosierc Date: 06-Jun-2012 11:00:38

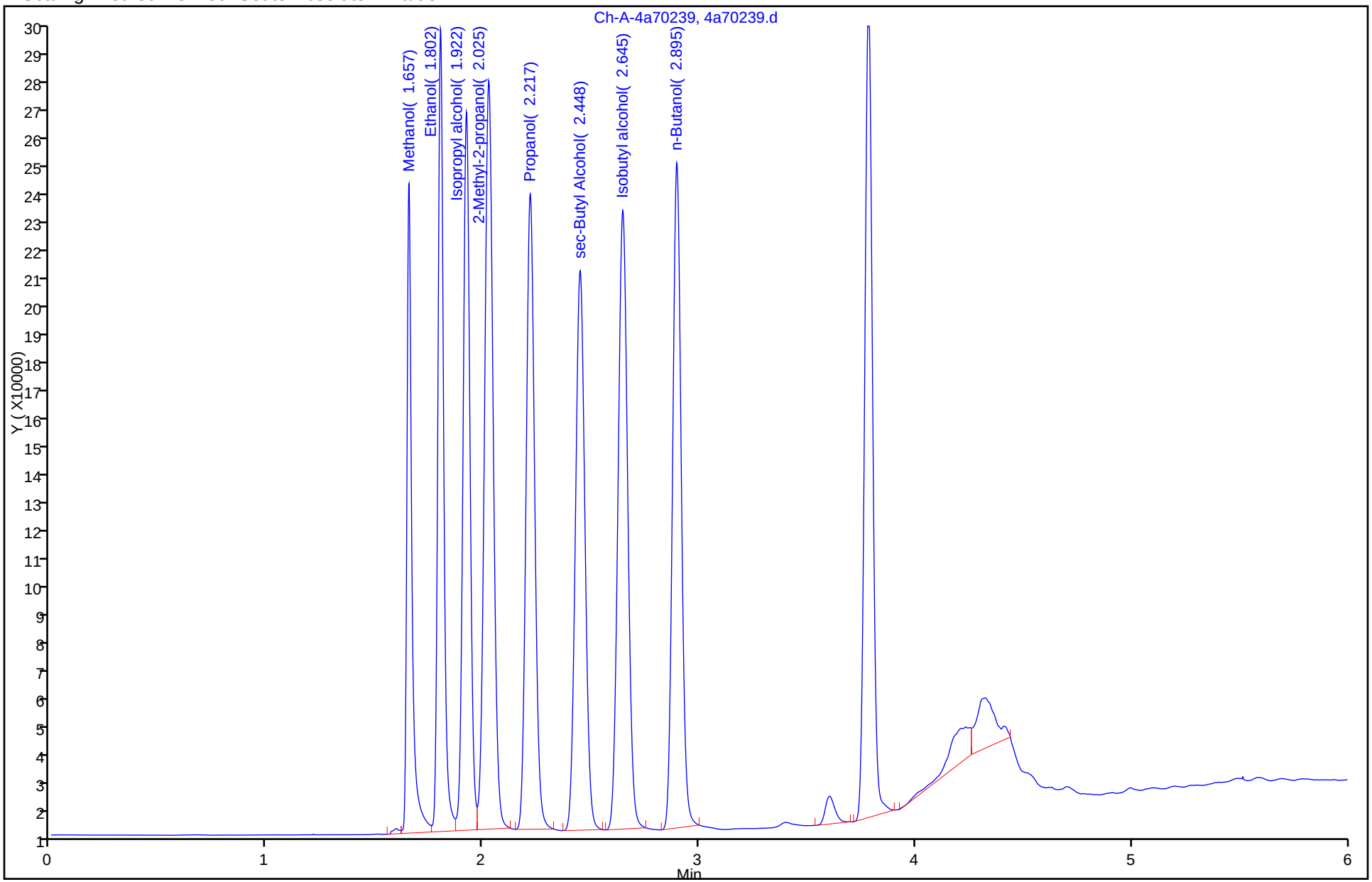
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
6	Methanol					
	1.657	1.657	0.000	365652	38.6	
3	Ethanol					
	1.802	1.802	0.000	518683	40.1	
5	Isopropyl alcohol					
	1.922	1.922	0.000	562858	39.9	
2	2-Methyl-2-propanol					
	2.025	2.025	0.000	732823	39.7	
8	Propanol					
	2.217	2.217	0.000	613768	41.1	
9	sec-Butyl Alcohol					
	2.448	2.448	0.000	600378	40.7	
4	Isobutyl alcohol					
	2.645	2.645	0.000	675298	40.6	
7	n-Butanol					
	2.895	2.895	0.000	647469	40.5	
E 1	2-Hexanone					
	3.782	3.782	0.000	717376	40.8	

Report Date: 06-Jun-2012 11:00:38 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70239.d

Injection Date:	06-Jun-2012 10:09:39	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	7
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70240.d		
Lims ID:	std4	Client ID:	
Inject. Date:	06-Jun-2012 10:18:48	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	Name: STD4		
Misc. Info.:	Study: 480-0012444-008 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	67259	Lims Sample ID:	8
Sublist:	chrom-8015-Alc*sub1		
Detector:	Ch-A-4a70240		
Method:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\8015-Alc.m		
Last Update:	06-Jun-2012 11:00:43	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	CORP-CTX-16		

First Level Reviewer: dosierc Date: 06-Jun-2012 11:00:43

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
	6 Methanol					M
	1.647	1.657	-0.010	716255	75.5	M
	3 Ethanol					M
	1.793	1.802	-0.009	1025644	79.3	M
	5 Isopropyl alcohol					M
	1.912	1.922	-0.010	1106790	79.4	M
	2 2-Methyl-2-propanol					M
	2.015	2.025	-0.010	1459511	79.0	M
	8 Propanol					
	2.207	2.217	-0.010	1219349	81.6	
	9 sec-Butyl Alcohol					
	2.437	2.448	-0.011	1192315	80.8	
	4 Isobutyl alcohol					
	2.635	2.645	-0.010	1342077	80.6	
	7 n-Butanol					
	2.885	2.895	-0.010	1290588	80.8	
E	1 2-Hexanone					
	3.775	3.782	-0.007	1431845	81.3	

QC Flag Legend

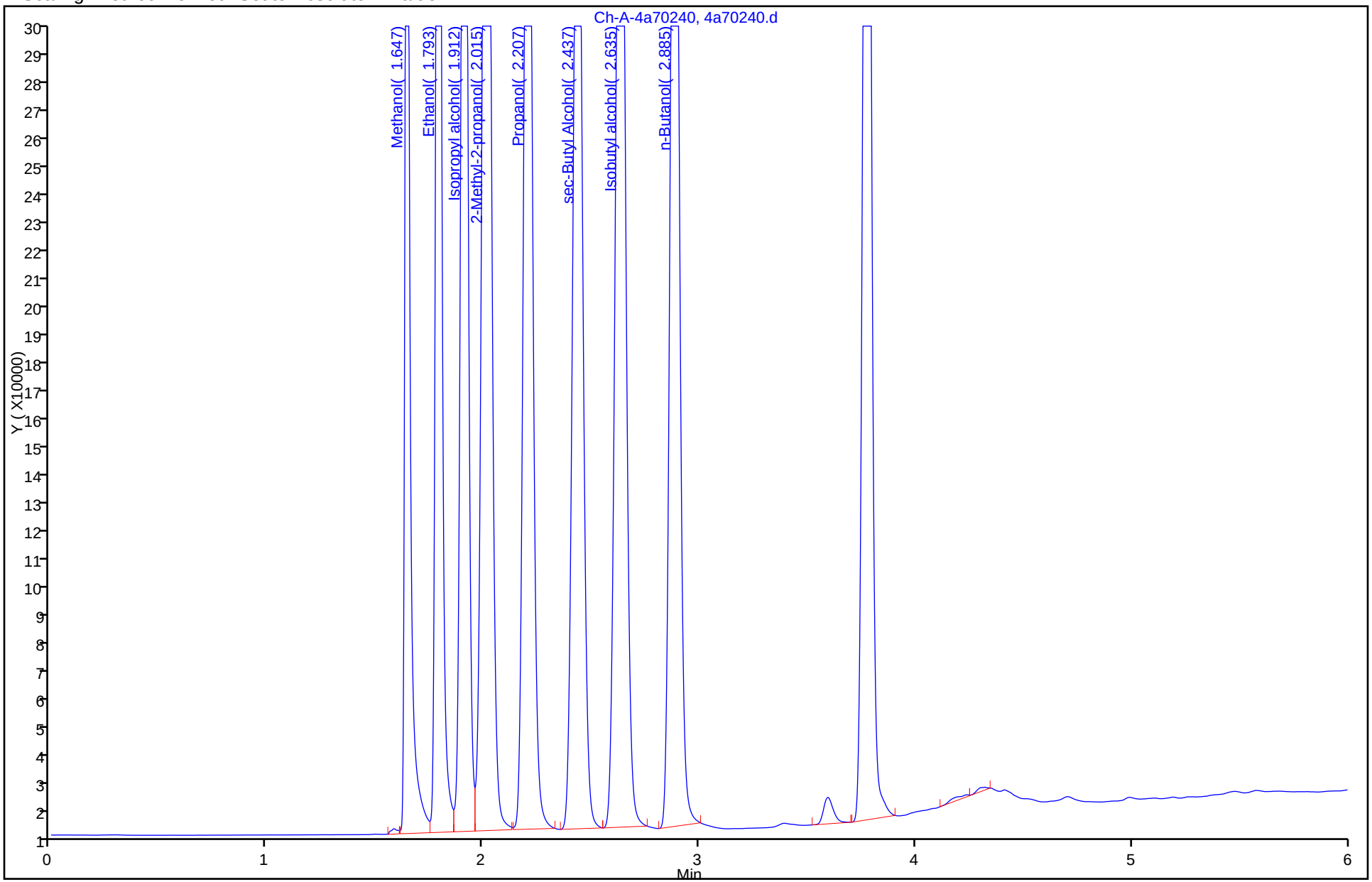
Review Flags
M - Manually Integrated

Report Date: 06-Jun-2012 11:00:43 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70240.d

Injection Date:	06-Jun-2012 10:18:48	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	8
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



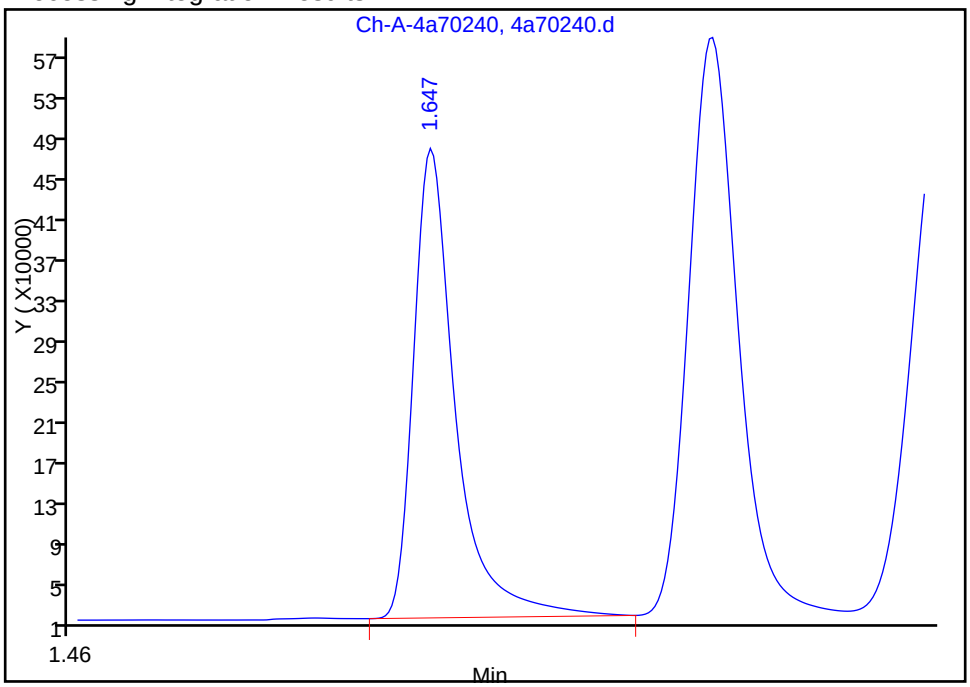
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70240.d		
Injection Date:	06-Jun-2012 10:18:48	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	8
Operator ID:	tchrom	Injection Vol:	1.00 ul

6 Methanol, Signal: 1, Type: quant, RT: 1.66

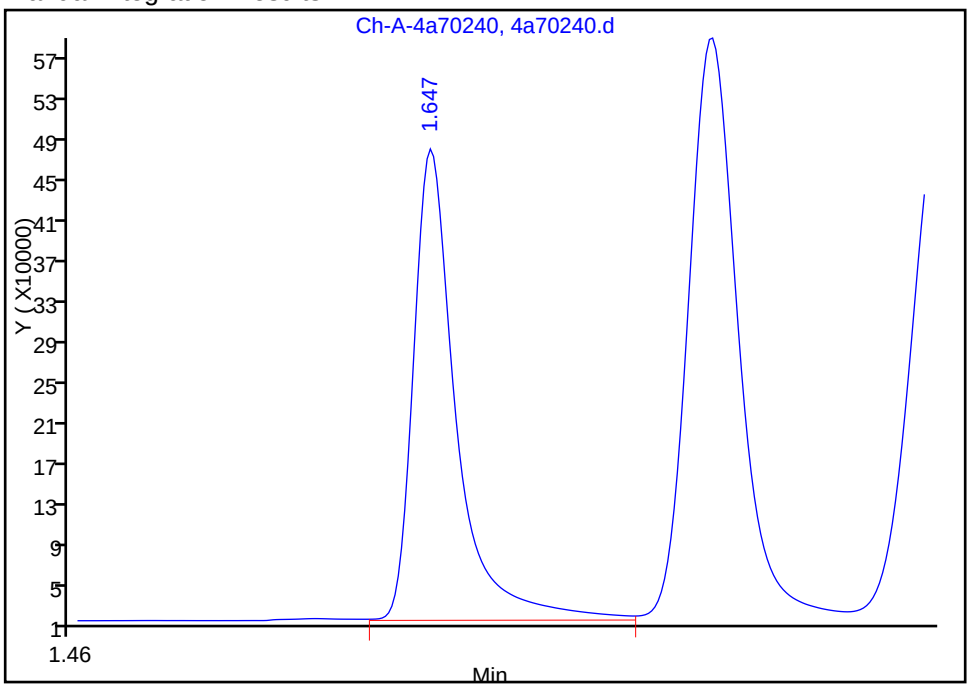
Processing Integration Results

RT: 1.65
Response: 695219
Amount: 74.119317



Manual Integration Results

RT: 1.65
Response: 716255
Amount: 75.541181



Reviewer: dosierc, 06-Jun-2012 10:45:15
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Report Date: 06-Jun-2012 11:00:43 Chrom Revision: 2.0 20-Feb-2012 13:27:02

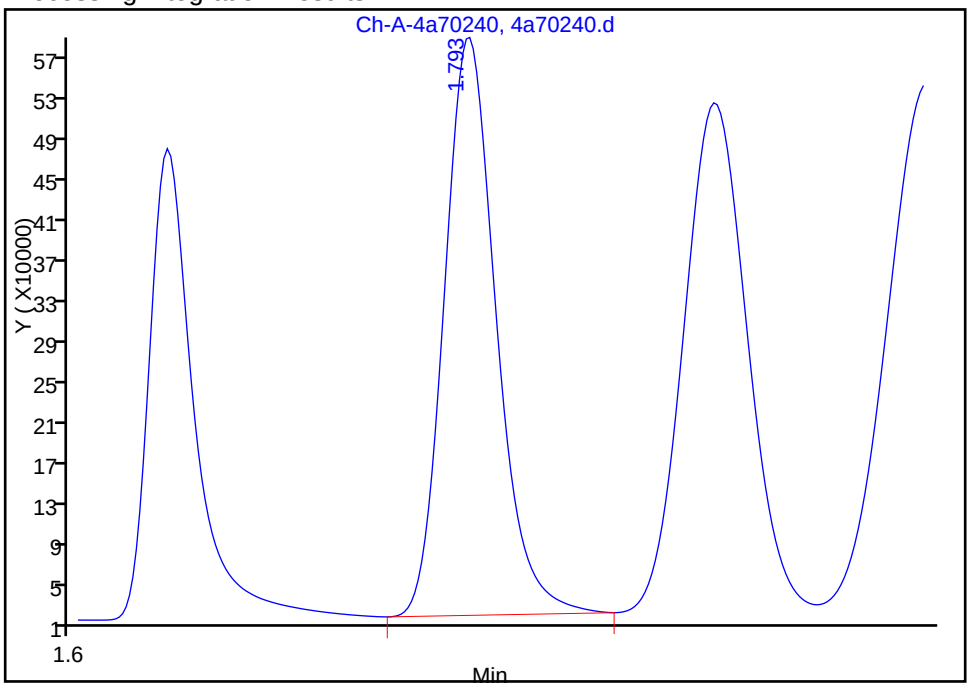
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70240.d		
Injection Date:	06-Jun-2012 10:18:48	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	8
Operator ID:	tchrom	Injection Vol:	1.00 ul

3 Ethanol, Signal: 1, Type: quant, RT: 1.80

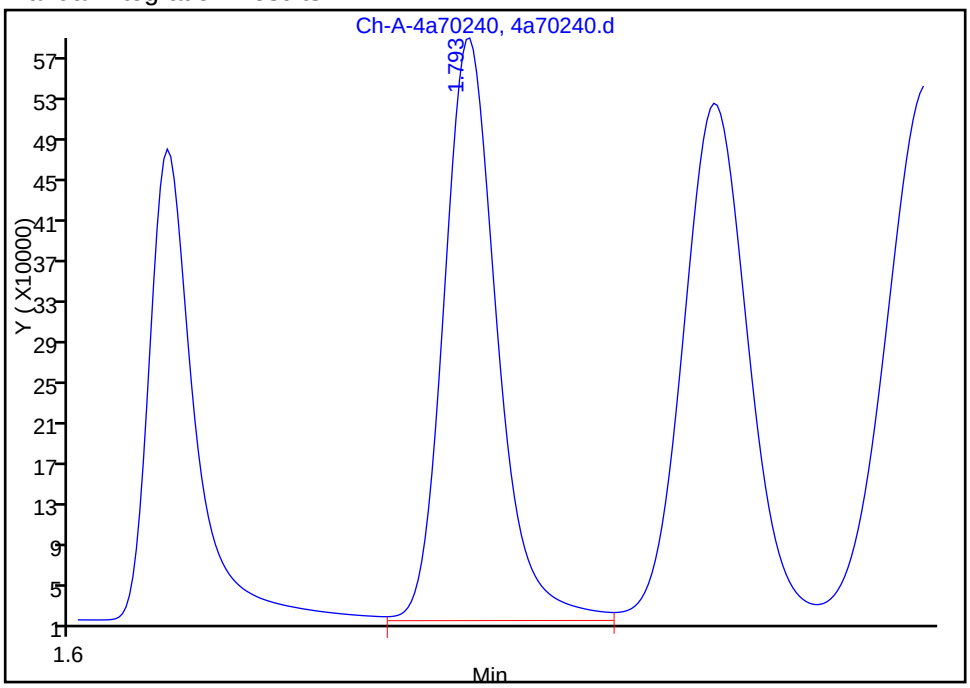
Processing Integration Results

RT: 1.79
Response: 987239
Amount: 77.455584



Manual Integration Results

RT: 1.79
Response: 1025644
Amount: 79.308309



Reviewer: dosierc, 06-Jun-2012 10:45:15
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

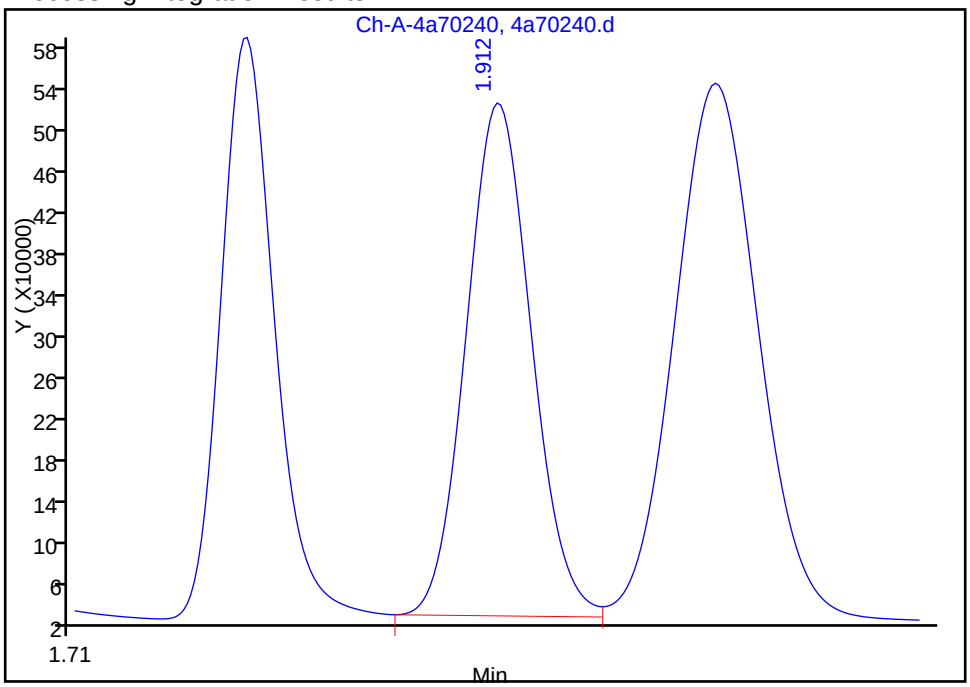
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70240.d		
Injection Date:	06-Jun-2012 10:18:48	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	8
Operator ID:	tchrom	Injection Vol:	1.00 ul

5 Isopropyl alcohol, Signal: 1, Type: quant, RT: 1.92

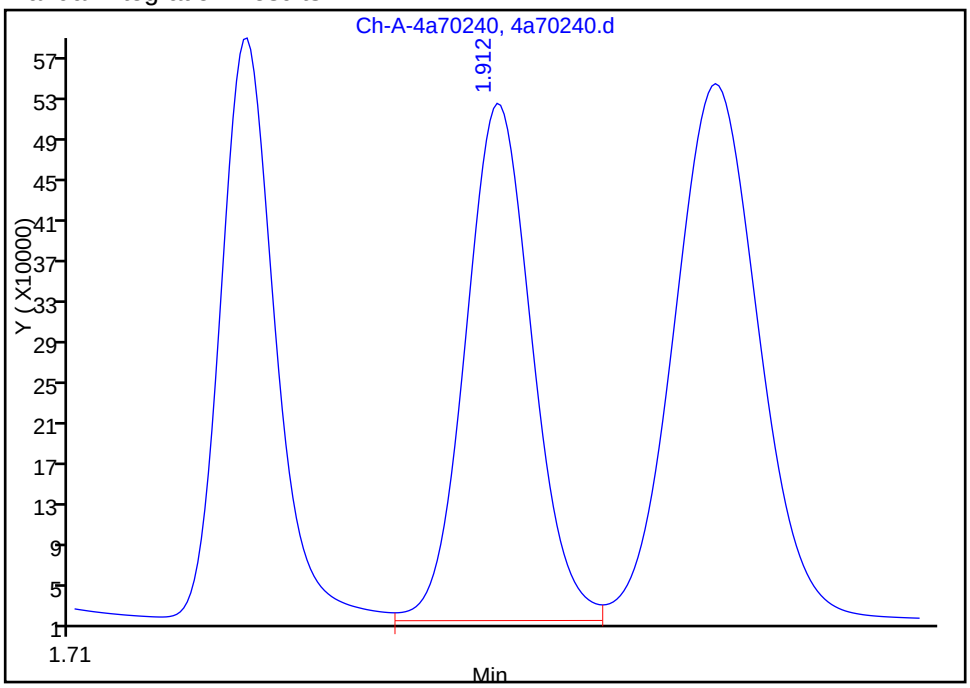
Processing Integration Results

RT: 1.91
Response: 1068708
Amount: 78.969333



Manual Integration Results

RT: 1.91
Response: 1106790
Amount: 79.375625



Reviewer: dosierc, 06-Jun-2012 10:45:15
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

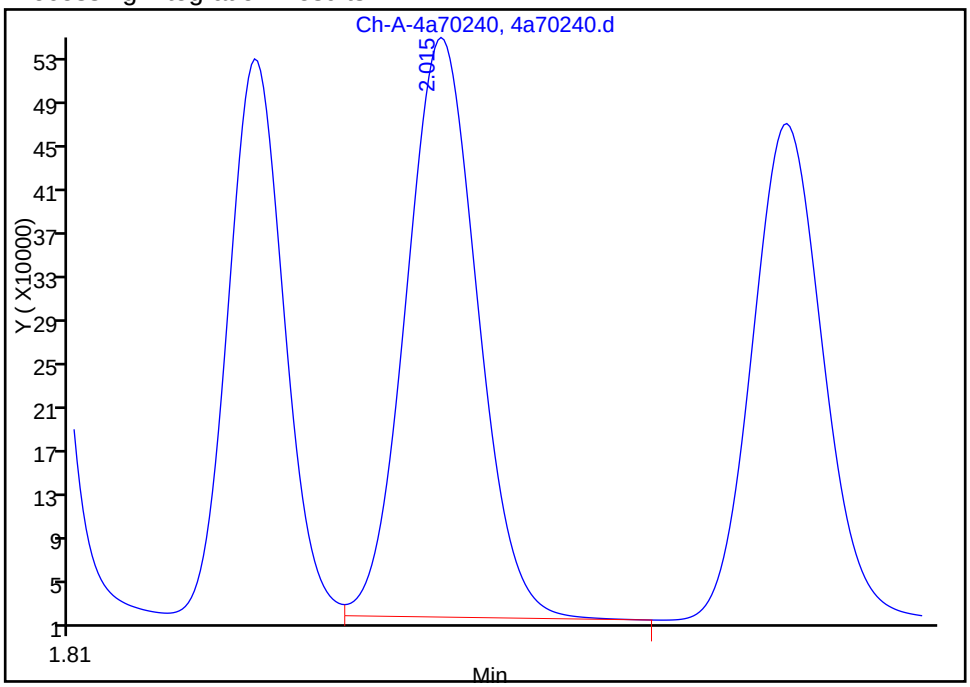
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70240.d		
Injection Date:	06-Jun-2012 10:18:48	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	8
Operator ID:	tchrom	Injection Vol:	1.00 ul

2 2-Methyl-2-propanol, Signal: 1, Type: quant, RT: 2.03

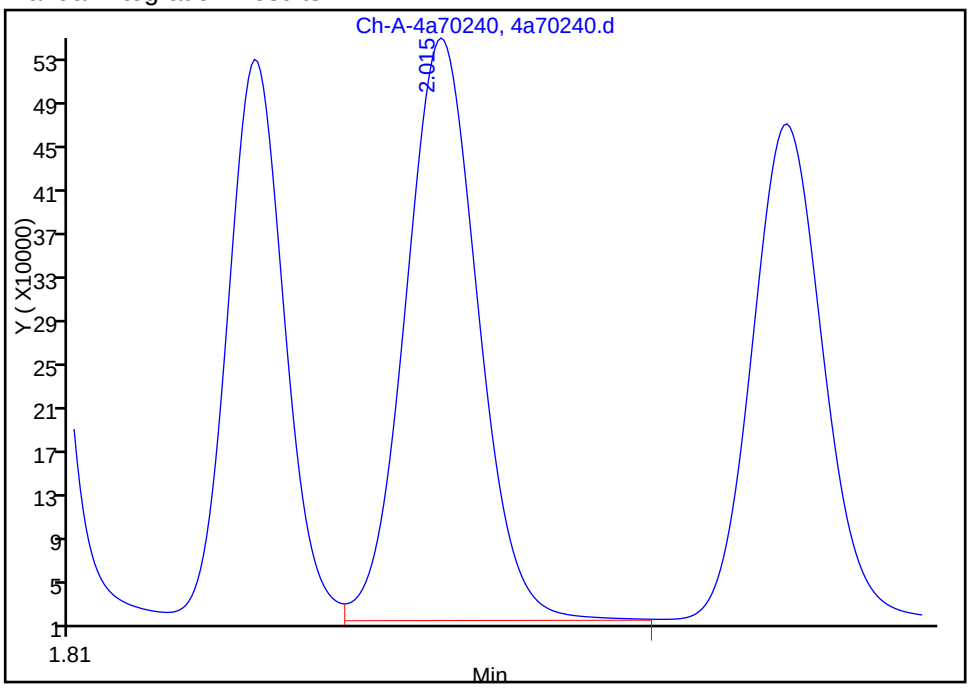
Processing Integration Results

RT: 2.02
Response: 1428727
Amount: 77.946885



Manual Integration Results

RT: 2.02
Response: 1459511
Amount: 78.982285



Reviewer: dosierc, 06-Jun-2012 10:45:15
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Lims ID:	std5	Client ID:	
Inject. Date:	06-Jun-2012 10:27:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	Name: STD5		
Misc. Info.:	Study: 480-0012444-009 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	67259	Lims Sample ID:	9
Sublist:	chrom-8015-Alc*sub1		
Detector:	Ch-A-4a70241		
Method:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\8015-Alc.m		
Last Update:	06-Jun-2012 11:00:48	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	CORP-CTX-16		

First Level Reviewer: dosierc Date: 06-Jun-2012 11:00:48

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
	6 Methanol					M
	1.652	1.657	-0.005	904336	95.4	M
	3 Ethanol					M
	1.798	1.802	-0.004	1297695	100.3	M
	5 Isopropyl alcohol					M
	1.918	1.922	-0.004	1398386	100.5	M
	2 2-Methyl-2-propanol					M
	2.020	2.025	-0.005	1848107	100.0	M
	8 Propanol					
	2.212	2.217	-0.005	1544683	103.4	
	9 sec-Butyl Alcohol					
	2.442	2.448	-0.006	1511530	102.5	
	4 Isobutyl alcohol					
	2.640	2.645	-0.005	1702390	102.3	
	7 n-Butanol					
	2.890	2.895	-0.005	1640164	102.7	
E	1 2-Hexanone					
	3.778	3.782	-0.004	1810015	102.8	

QC Flag Legend

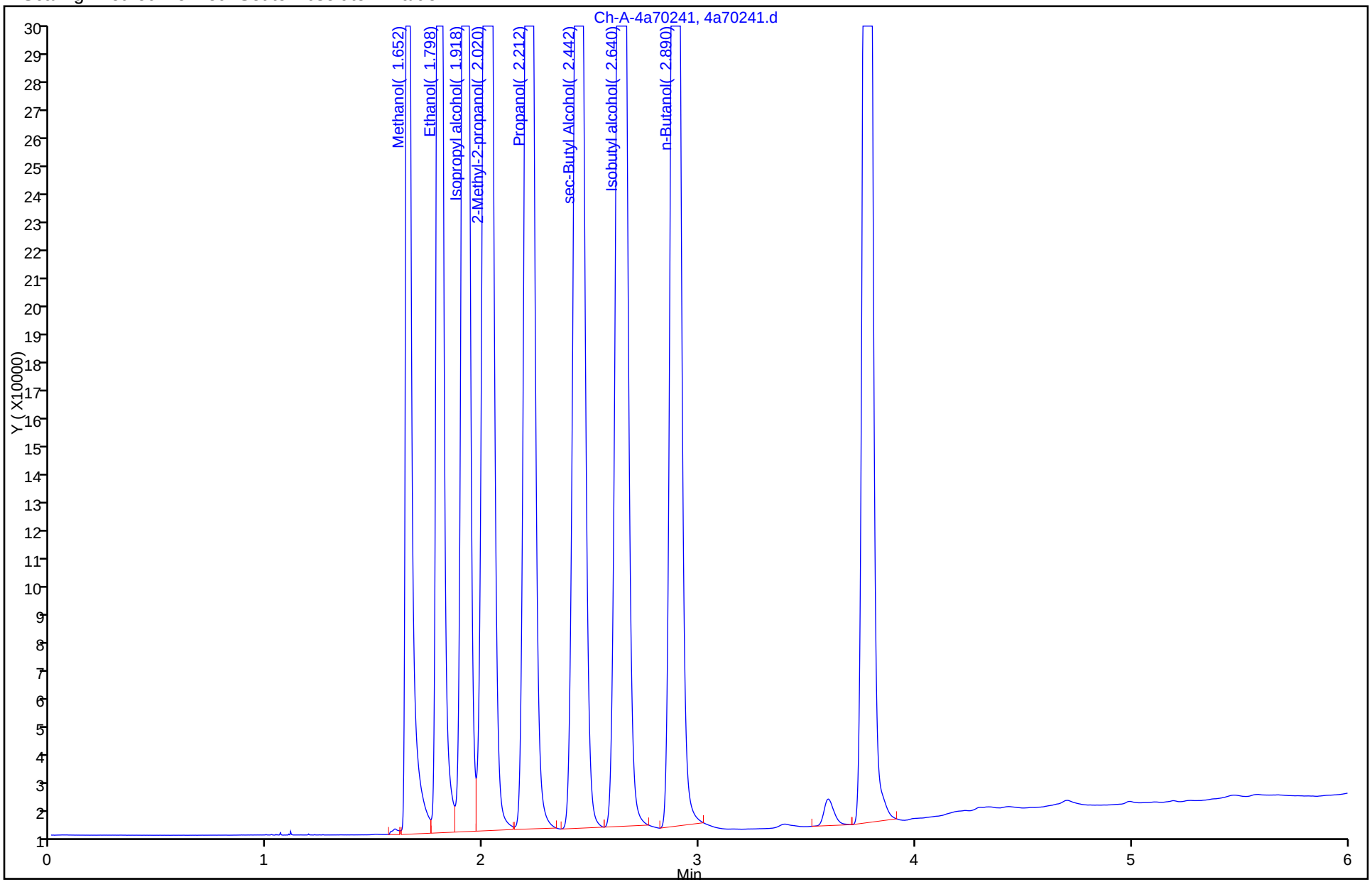
Review Flags
M - Manually Integrated

Report Date: 06-Jun-2012 11:00:48 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d

Injection Date:	06-Jun-2012 10:27:59	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	9
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



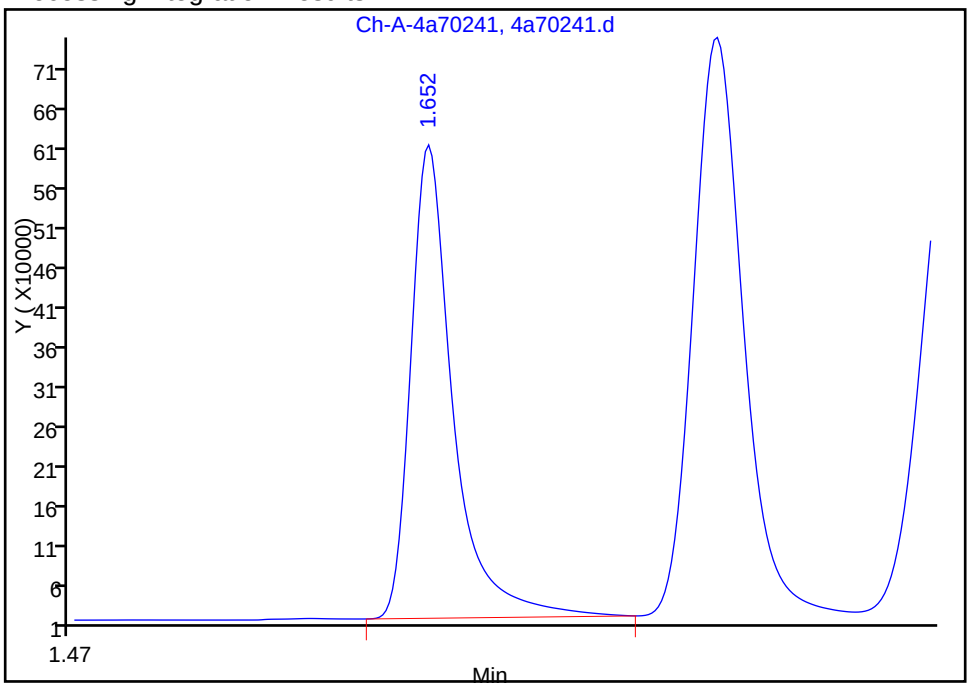
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Injection Date:	06-Jun-2012 10:27:59	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	9
Operator ID:	tchrom	Injection Vol:	1.00 ul

6 Methanol, Signal: 1, Type: quant, RT: 1.66

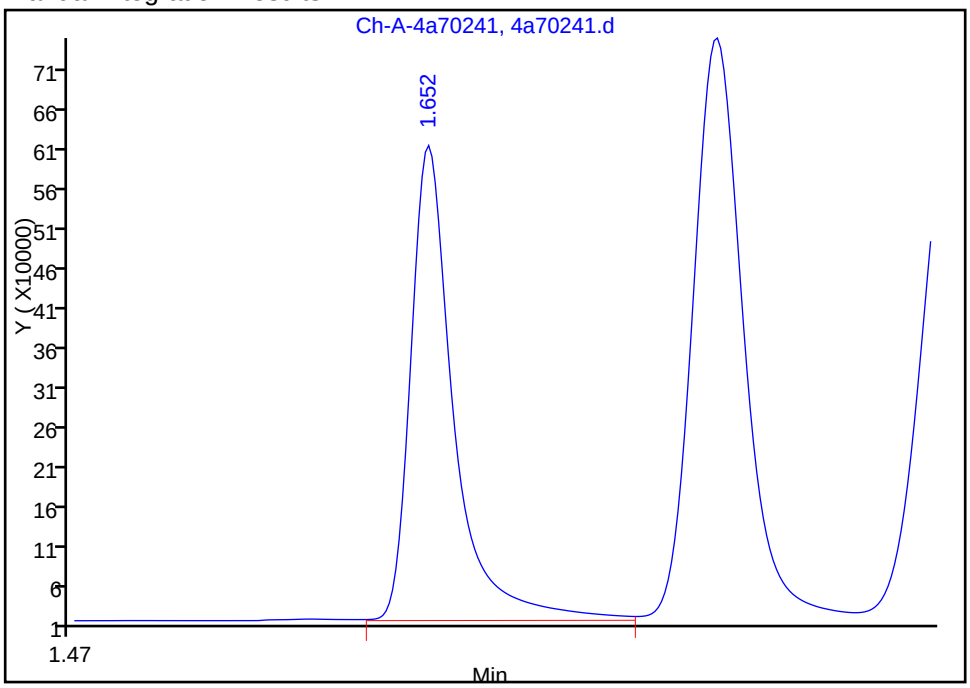
Processing Integration Results

RT: 1.65
Response: 879670
Amount: 93.261280



Manual Integration Results

RT: 1.65
Response: 904336
Amount: 95.377497



Reviewer: dosierc, 06-Jun-2012 10:45:35
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

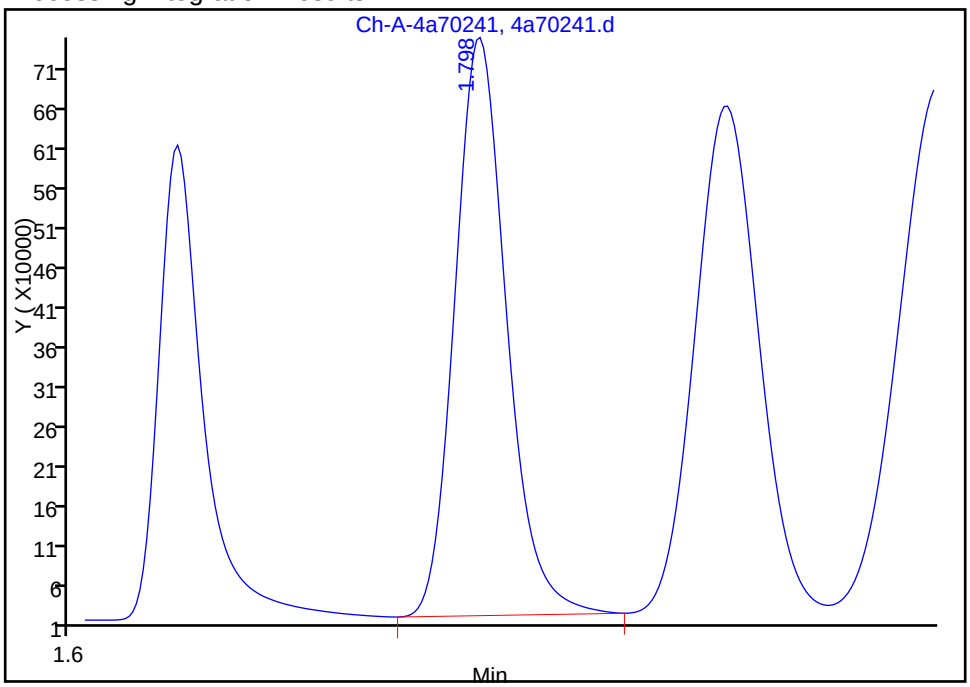
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Injection Date:	06-Jun-2012 10:27:59	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	9
Operator ID:	tchrom	Injection Vol:	1.00 ul

3 Ethanol, Signal: 1, Type: quant, RT: 1.80

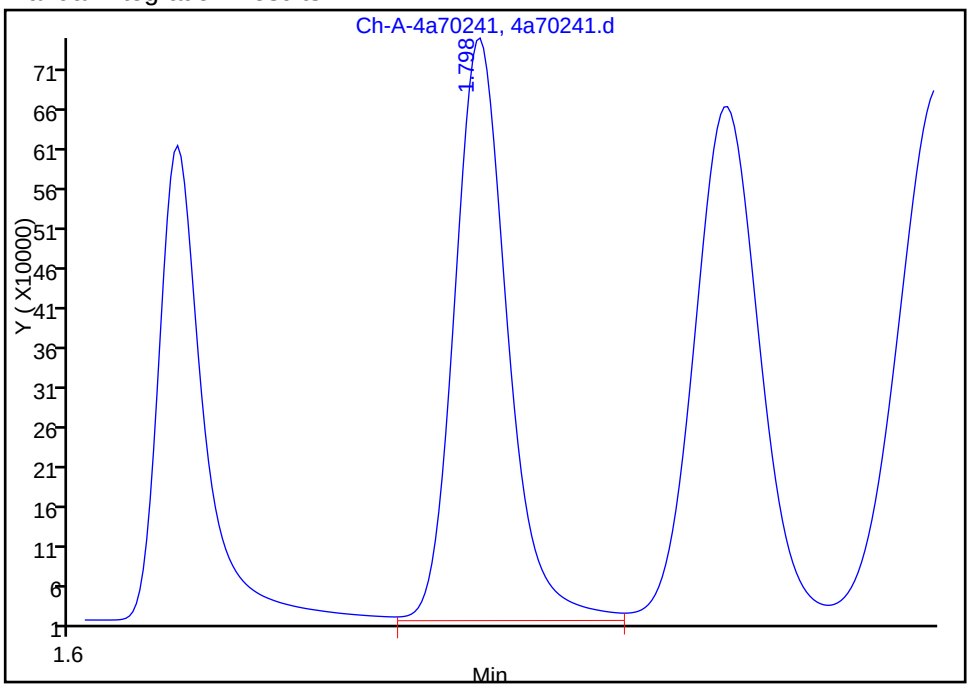
Processing Integration Results

RT: 1.80
Response: 1252455
Amount: 97.528906



Manual Integration Results

RT: 1.80
Response: 1297695
Amount: 100.3448



Reviewer: dosierc, 06-Jun-2012 10:45:35
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

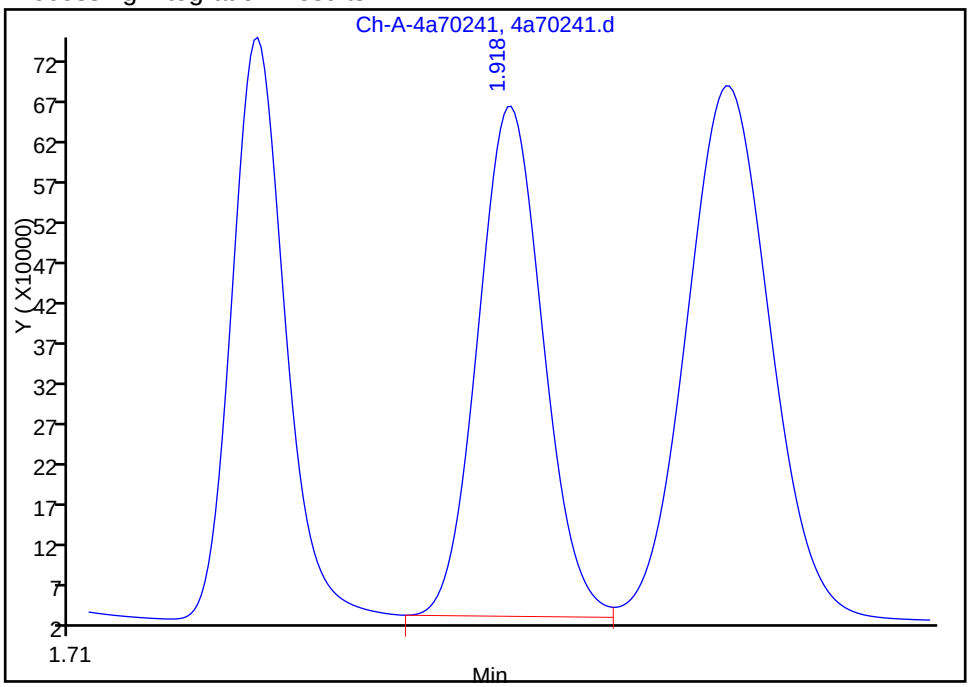
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Injection Date:	06-Jun-2012 10:27:59	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	9
Operator ID:	tchrom	Injection Vol:	1.00 ul

5 Isopropyl alcohol, Signal: 1, Type: quant, RT: 1.92

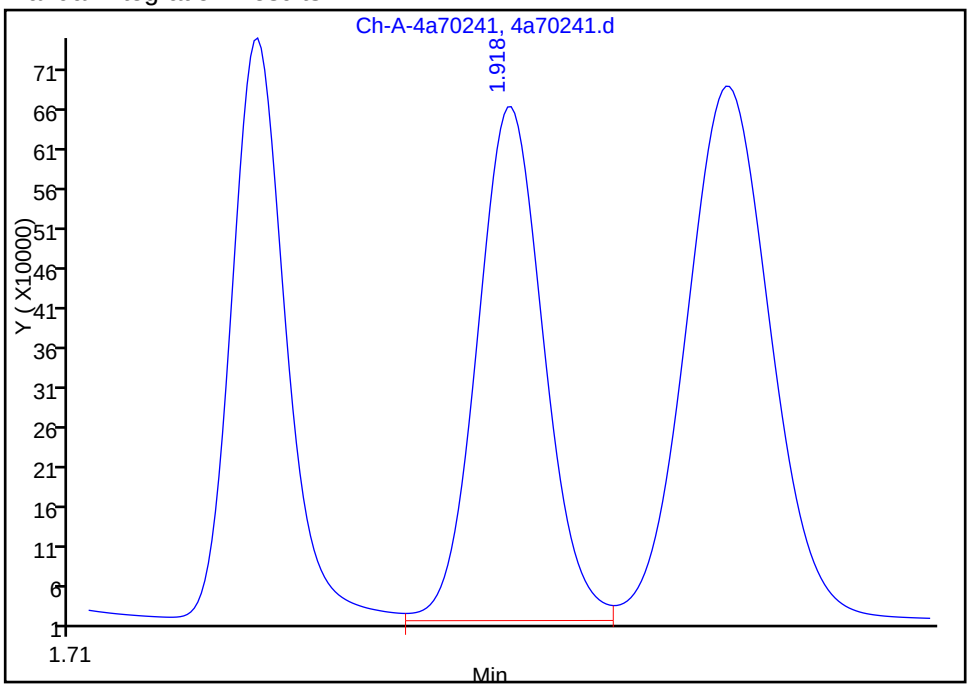
Processing Integration Results

RT: 1.92
Response: 1353852
Amount: 99.186266



Manual Integration Results

RT: 1.92
Response: 1398386
Amount: 100.5121



Reviewer: dosierc, 06-Jun-2012 10:45:35
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

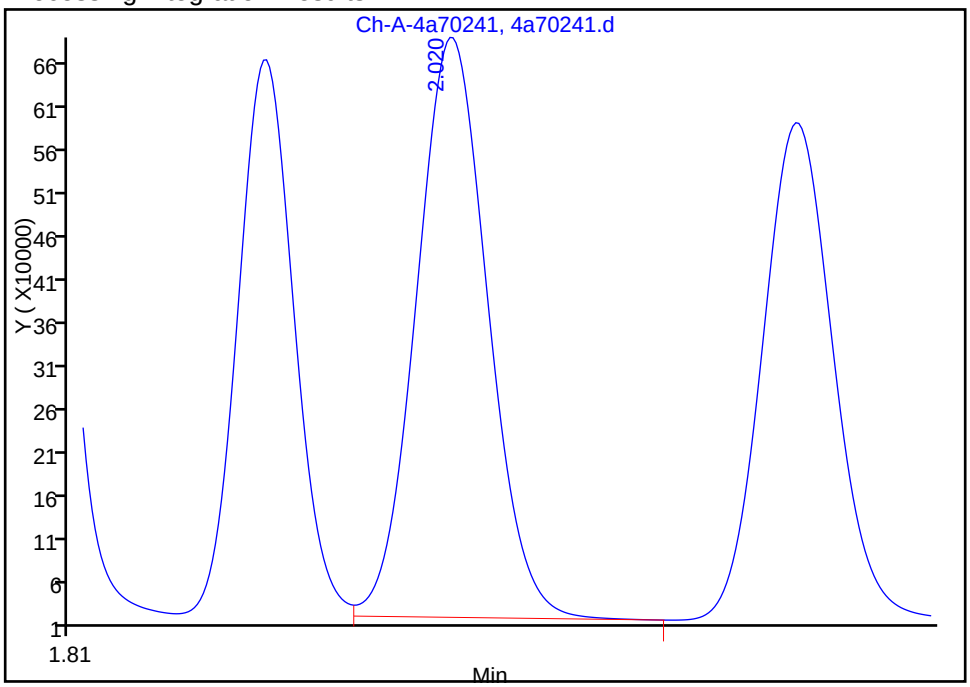
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Injection Date:	06-Jun-2012 10:27:59	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	67259	Lims Sample ID:	9
Operator ID:	tchrom	Injection Vol:	1.00 ul

2 2-Methyl-2-propanol, Signal: 1, Type: quant, RT: 2.03

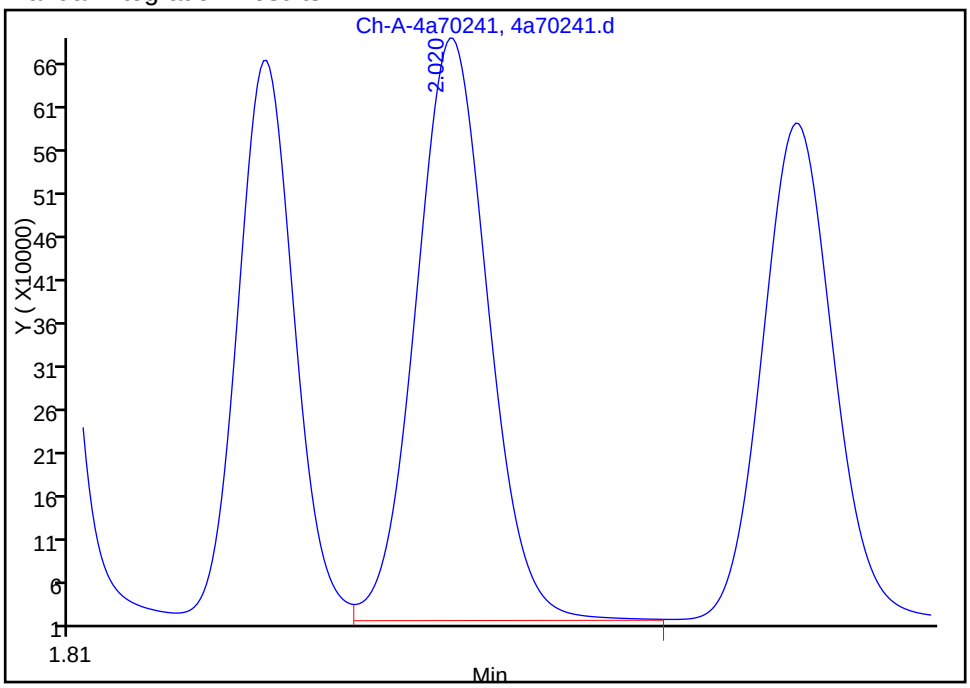
Processing Integration Results

RT: 2.02
Response: 1811851
Amount: 98.435633



Manual Integration Results

RT: 2.02
Response: 1848107
Amount: 100.0114



Reviewer: dosierc, 06-Jun-2012 10:45:35
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM VII
HYDROCARBONS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCV 480-84786/2 Calibration Date: 10/10/2012 12:20

Instrument ID: HP5890-4 Calib Start Date: 06/06/2012 09:51

GC Column: ZB-624 (30) ID: 0.53(mm) Calib End Date: 06/06/2012 10:27

Lab File ID: 4a73023.d Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methanol	Ave	9482	8369		35.3	40.0	-11.7	20.0
Ethanol	Ave	12932	10718		33.1	40.0	-17.1	20.0
Isopropyl alcohol	Lin		11281		31.9	40.0	-20.4*	20.0
t-Butyl alcohol	Ave	18479	15744		34.1	40.0	-14.8	20.0
Propanol	Ave	14937	13020		34.9	40.0	-12.8	20.0
2-Butanol	Ave	14750	12224		33.1	40.0	-17.1	20.0
Isobutyl alcohol	Ave	16647	13957		33.5	40.0	-16.2	20.0
n-Butanol	Ave	15969	13487		33.8	40.0	-15.5	20.0
2-Hexanone	Ave	17603	12193		6.93	10.0	-30.7	47.0

FORM VII
HYDROCARBONS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCV 480-84786/2 Calibration Date: 10/10/2012 12:20

Instrument ID: HP5890-4 Calib Start Date: 06/06/2012 09:51

GC Column: ZB-624 (30) ID: 0.53(mm) Calib End Date: 06/06/2012 10:27

Lab File ID: 4a73023.d Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Methanol	1.65	1.60	1.70
Ethanol	1.80	1.75	1.85
Isopropyl alcohol	1.93	1.88	1.98
t-Butyl alcohol	2.03	1.98	2.08
Propanol	2.22	2.17	2.27
2-Butanol	2.45	2.40	2.50
Isobutyl alcohol	2.64	2.59	2.69
n-Butanol	2.88	2.83	2.93
2-Hexanone	3.77	3.70	3.84

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73023.d		
Lims ID:	ccv	Client ID:	
Inject. Date:	10-Oct-2012 12:20:48	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:			
Misc. Info.:			
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	2
Sublist:	chrom-8015-Alc*sub1		
Detector:	Ch-A-4a73023		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:40:17	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		
First Level Reviewer: dudziakj		Date:	11-Oct-2012 09:40:17

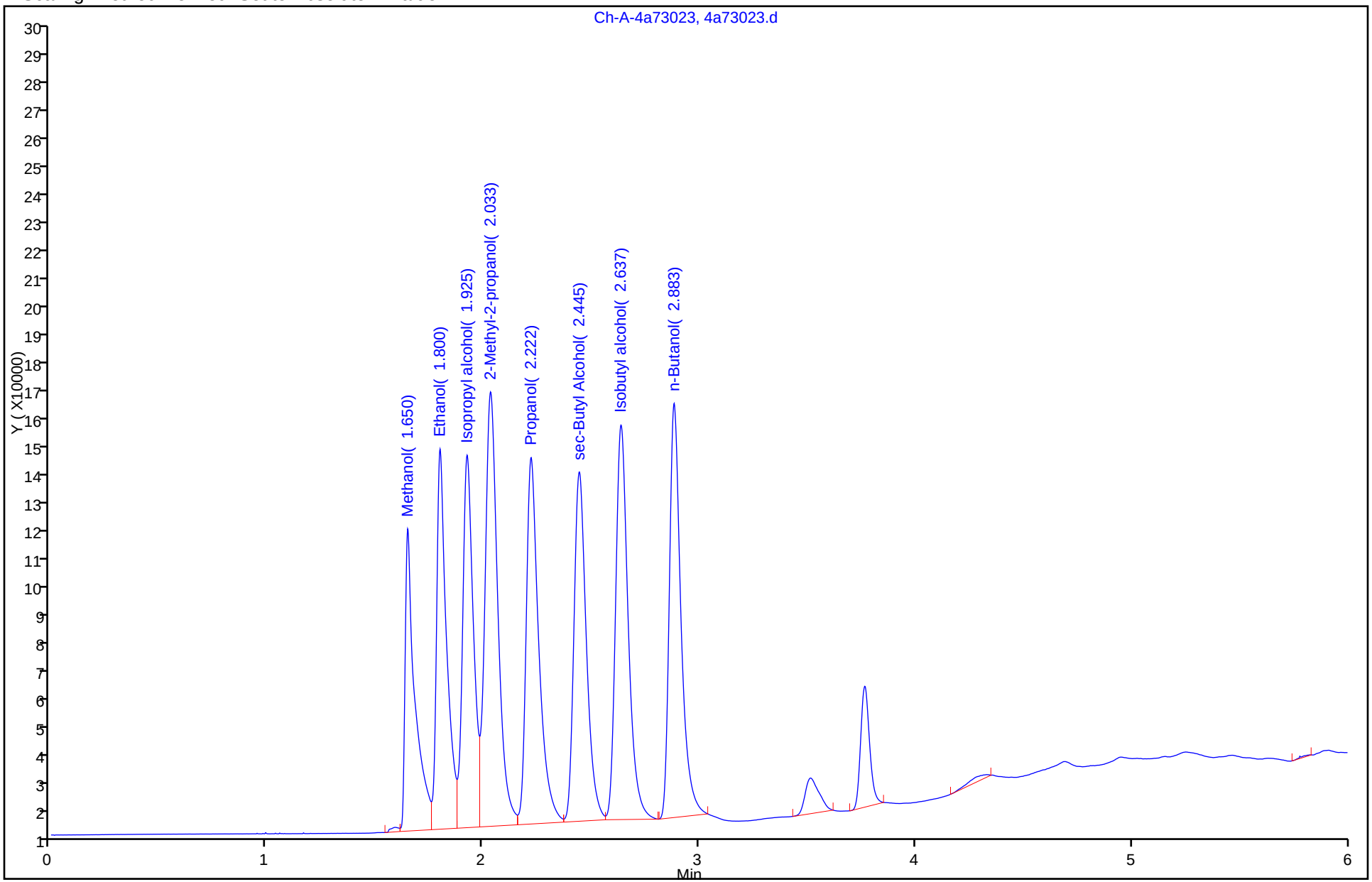
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
	6 Methanol					
	1.650	1.650	0.000	334749	35.3	
	3 Ethanol					
	1.800	1.800	0.000	428706	33.1	
	5 Isopropyl alcohol					
	1.925	1.925	0.000	451233	31.9	
	2 2-Methyl-2-propanol					
	2.033	2.033	0.000	629778	34.1	
	8 Propanol					
	2.222	2.222	0.000	520786	34.9	
	9 sec-Butyl Alcohol					
	2.445	2.445	0.000	488941	33.1	
	4 Isobutyl alcohol					
	2.637	2.637	0.000	558287	33.5	
	7 n-Butanol					
	2.883	2.883	0.000	539492	33.8	
E	1 2-Hexanone					
	3.765	3.765	0.000	121935	6.93	

Report Date: 11-Oct-2012 09:40:17 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73023.d

Injection Date:	10-Oct-2012 12:20:48	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	2
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
HYDROCARBONS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCV 480-84786/13 Calibration Date: 10/10/2012 16:30

Instrument ID: HP5890-4 Calib Start Date: 06/06/2012 09:51

GC Column: ZB-624 (30) ID: 0.53(mm) Calib End Date: 06/06/2012 10:27

Lab File ID: 4a73034.d Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methanol	Ave	9482	8244		34.8	40.0	-13.1	20.0
Ethanol	Ave	12932	11634		36.0	40.0	-10.0	20.0
Isopropyl alcohol	Lin		12415		35.1	40.0	-12.1	20.0
t-Butyl alcohol	Ave	18479	16549		35.8	40.0	-10.4	20.0
Propanol	Ave	14937	13604		36.4	40.0	-8.9	20.0
2-Butanol	Ave	14750	13075		35.5	40.0	-11.4	20.0
Isobutyl alcohol	Ave	16647	14708		35.3	40.0	-11.6	20.0
n-Butanol	Ave	15969	14406		36.1	40.0	-9.8	20.0
2-Hexanone	Ave	17603	13108		7.45	10.0	-25.5	47.0

FORM VII
HYDROCARBONS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Lab Sample ID: CCV 480-84786/13 Calibration Date: 10/10/2012 16:30

Instrument ID: HP5890-4 Calib Start Date: 06/06/2012 09:51

GC Column: ZB-624 (30) ID: 0.53(mm) Calib End Date: 06/06/2012 10:27

Lab File ID: 4a73034.d Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Methanol	1.63	1.58	1.68
Ethanol	1.78	1.73	1.83
Isopropyl alcohol	1.90	1.85	1.95
t-Butyl alcohol	2.00	1.95	2.05
Propanol	2.20	2.15	2.25
2-Butanol	2.42	2.37	2.47
Isobutyl alcohol	2.62	2.57	2.67
n-Butanol	2.87	2.82	2.92
2-Hexanone	3.76	3.69	3.83

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73034.d		
Lims ID:	ccv	Client ID:	
Inject. Date:	10-Oct-2012 16:30:04	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	Name: CCV		
Misc. Info.:	Study: 480-0015607-013 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	13
Sublist:	chrom-8015-Alc*sub1		
Detector:	Ch-A-4a73034		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:48:14	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:48:14

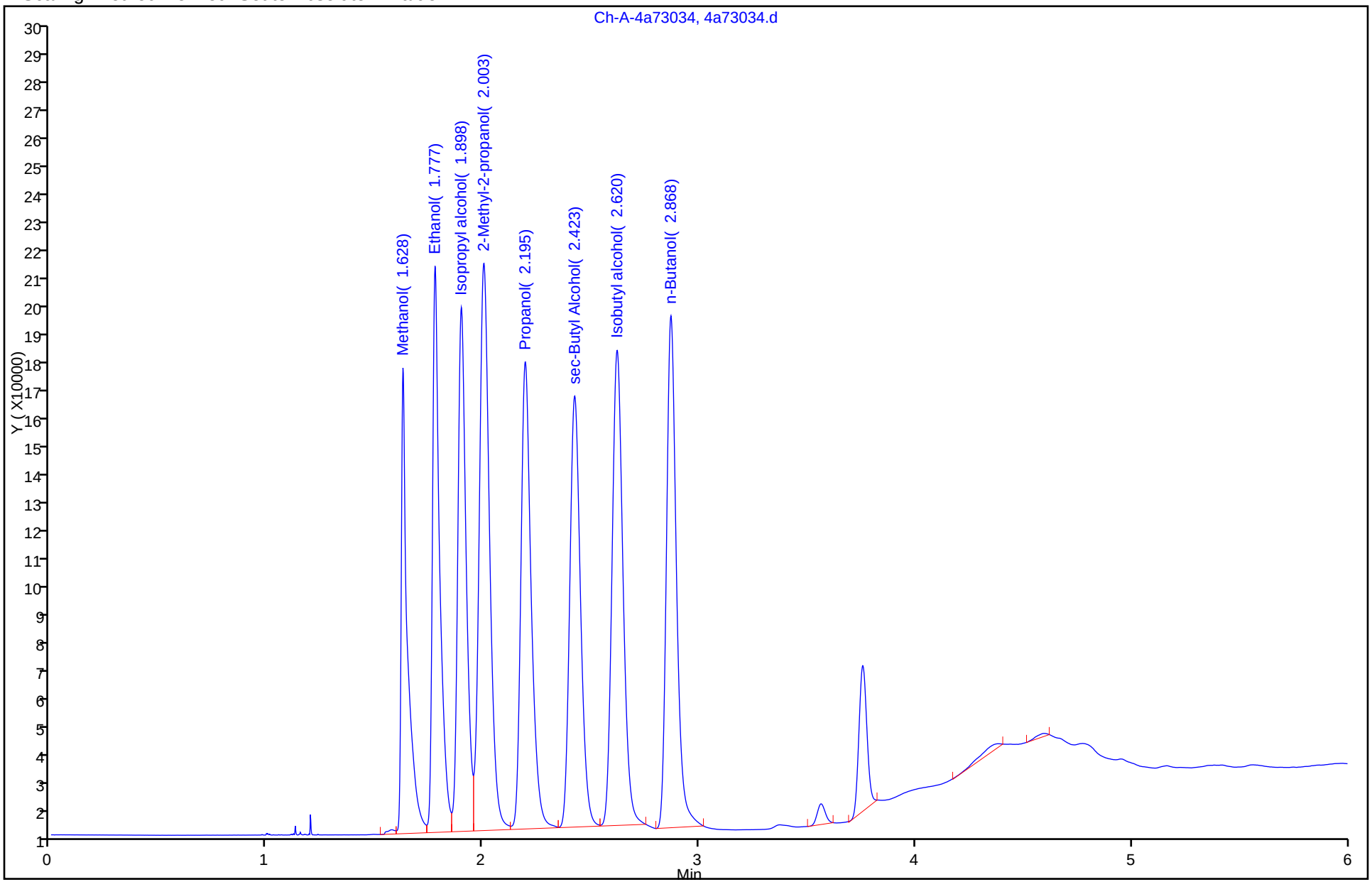
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
6	Methanol					
	1.628	1.628	0.000	329764	34.8	
3	Ethanol					
	1.777	1.777	0.000	465344	36.0	
5	Isopropyl alcohol					
	1.898	1.898	0.000	496599	35.1	
2	2-Methyl-2-propanol					
	2.003	2.003	0.000	661959	35.8	
8	Propanol					
	2.195	2.195	0.000	544166	36.4	
9	sec-Butyl Alcohol					
	2.423	2.423	0.000	522983	35.5	
4	Isobutyl alcohol					
	2.620	2.620	0.000	588316	35.3	
7	n-Butanol					
	2.868	2.868	0.000	576240	36.1	
E 1	2-Hexanone					
	3.755	3.755	0.000	131079	7.45	

Report Date: 11-Oct-2012 09:48:14 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73034.d

Injection Date:	10-Oct-2012 16:30:04	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	13
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-84786/5

Matrix: Water Lab File ID: 4a73026.d

Analysis Method: 8015B Date Collected:

Sample wt/vol: 1(mL) Date Analyzed: 10/10/2012 14:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (30) ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84786 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	0.41	U	1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	75		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73026.d		
Lims ID:	mb	Client ID:	
Inject. Date:	10-Oct-2012 14:14:35	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:			
Misc. Info.:			
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	5
Detector:	Ch-A-4a73026		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:41:42	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:41:42

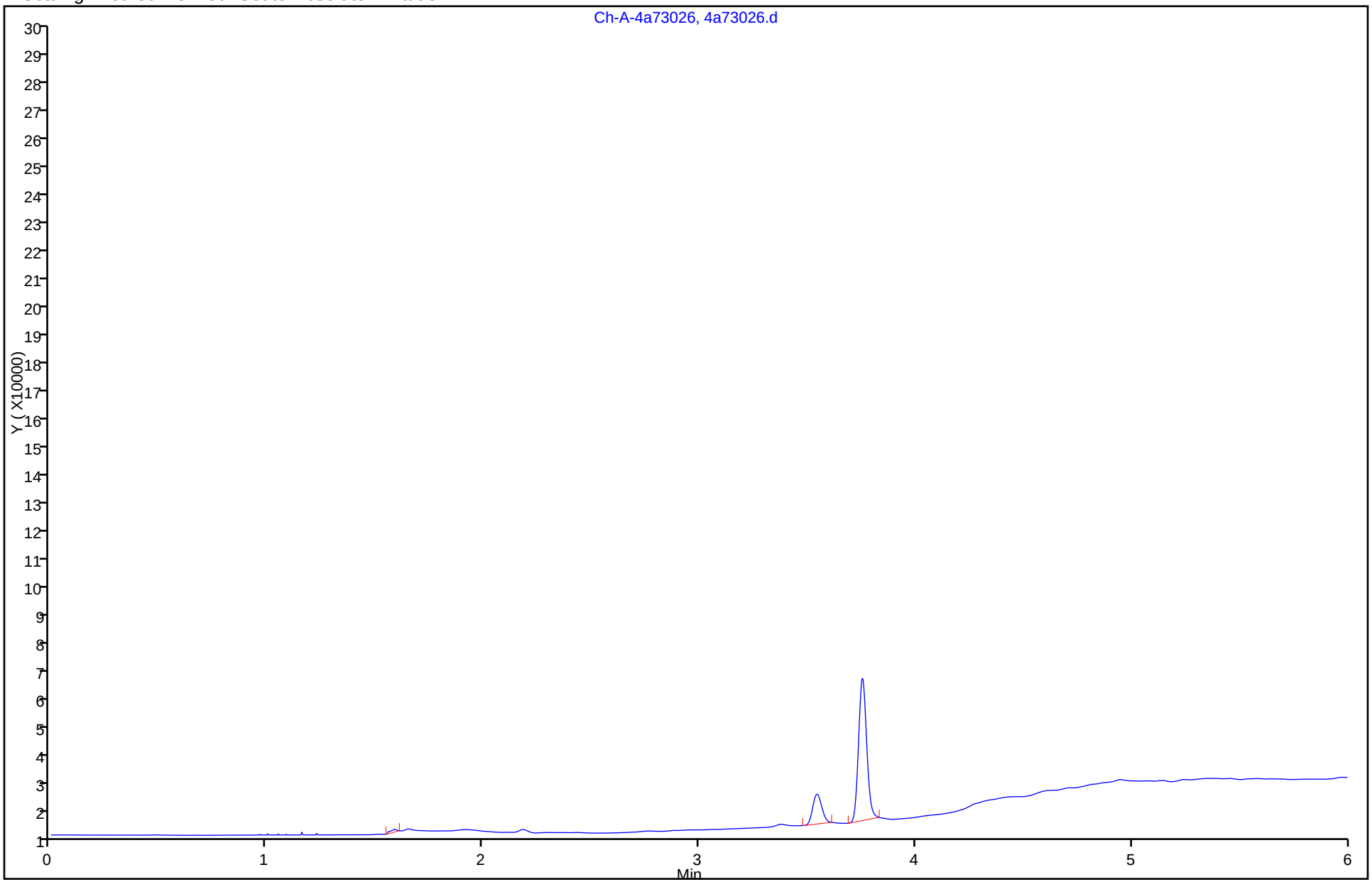
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
E	1 2-Hexanone					
	3.753	3.765	-0.012	131188	7.45	

Report Date: 11-Oct-2012 09:41:42 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73026.d

Injection Date:	10-Oct-2012 14:14:35	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	5
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-84786/6

Matrix: Water Lab File ID: 4a73027.d

Analysis Method: 8015B Date Collected:

Sample wt/vol: 1(mL) Date Analyzed: 10/10/2012 15:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (30) ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84786 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	17.0		1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	75		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73027.d		
Lims ID:	lcs	Client ID:	
Inject. Date:	10-Oct-2012 15:26:01	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	Name: LCS		
Misc. Info.:	Study: 480-0015607-006 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	6
Detector:	Ch-A-4a73027		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:42:38	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:42:38

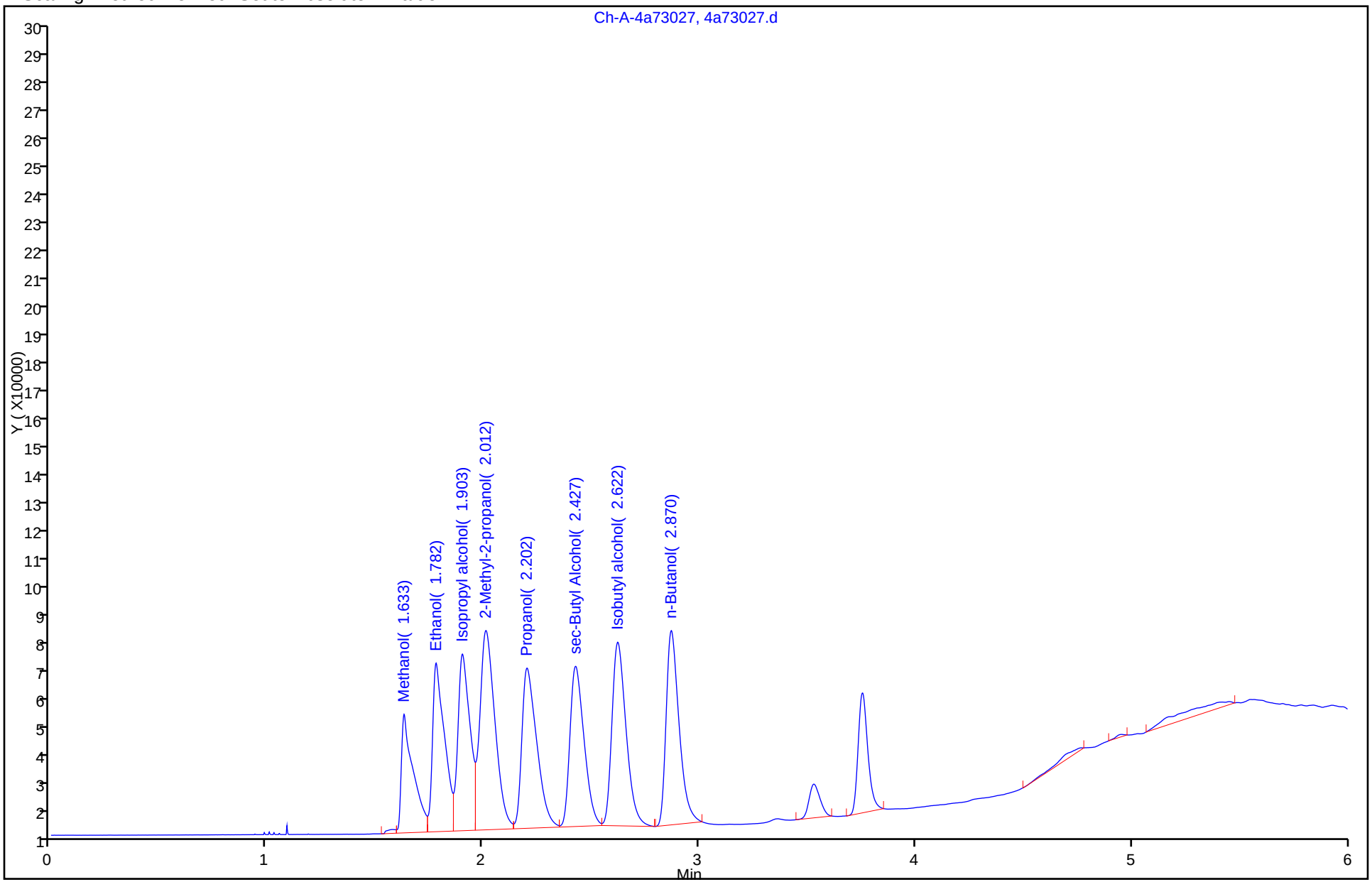
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
6	Methanol					
	1.633	1.650	-0.017	160893	17.0	
3	Ethanol					
	1.782	1.800	-0.018	230294	17.8	
5	Isopropyl alcohol					
	1.903	1.925	-0.022	241010	16.6	
2	2-Methyl-2-propanol					
	2.012	2.033	-0.021	342234	18.5	
8	Propanol					
	2.202	2.222	-0.020	270156	18.1	
9	sec-Butyl Alcohol					
	2.427	2.445	-0.018	255924	17.4	
4	Isobutyl alcohol					
	2.622	2.637	-0.015	293591	17.6	
7	n-Butanol					
	2.870	2.883	-0.013	283400	17.7	
E 1	2-Hexanone					
	3.755	3.765	-0.010	131590	7.48	

Report Date: 11-Oct-2012 09:42:38 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73027.d

Injection Date:	10-Oct-2012 15:26:01	Limit Group:	GC 8015B DAI ICAL
Client ID:		Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	6
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 MS | Lab Sample ID: 460-45509-8 MS

Matrix: Water | Lab File ID: 4a73030.d

Analysis Method: 8015B | Date Collected: 10/04/2012 14:05

Sample wt/vol: 1(mL) | Date Analyzed: 10/10/2012 15:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) ID: 0.53(mm)

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

Analysis Batch No.: 84786 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	17.8		1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	77		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73030.d		
Lims ID:	460-45509-F-8 MS	Client ID:	MW-35
Inject. Date:	10-Oct-2012 15:53:25	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	Name: 460-45509-F-8 MS		
Misc. Info.:	Study: 480-0015607-009 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	9
Detector:	Ch-A-4a73030		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:44:55	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:44:55

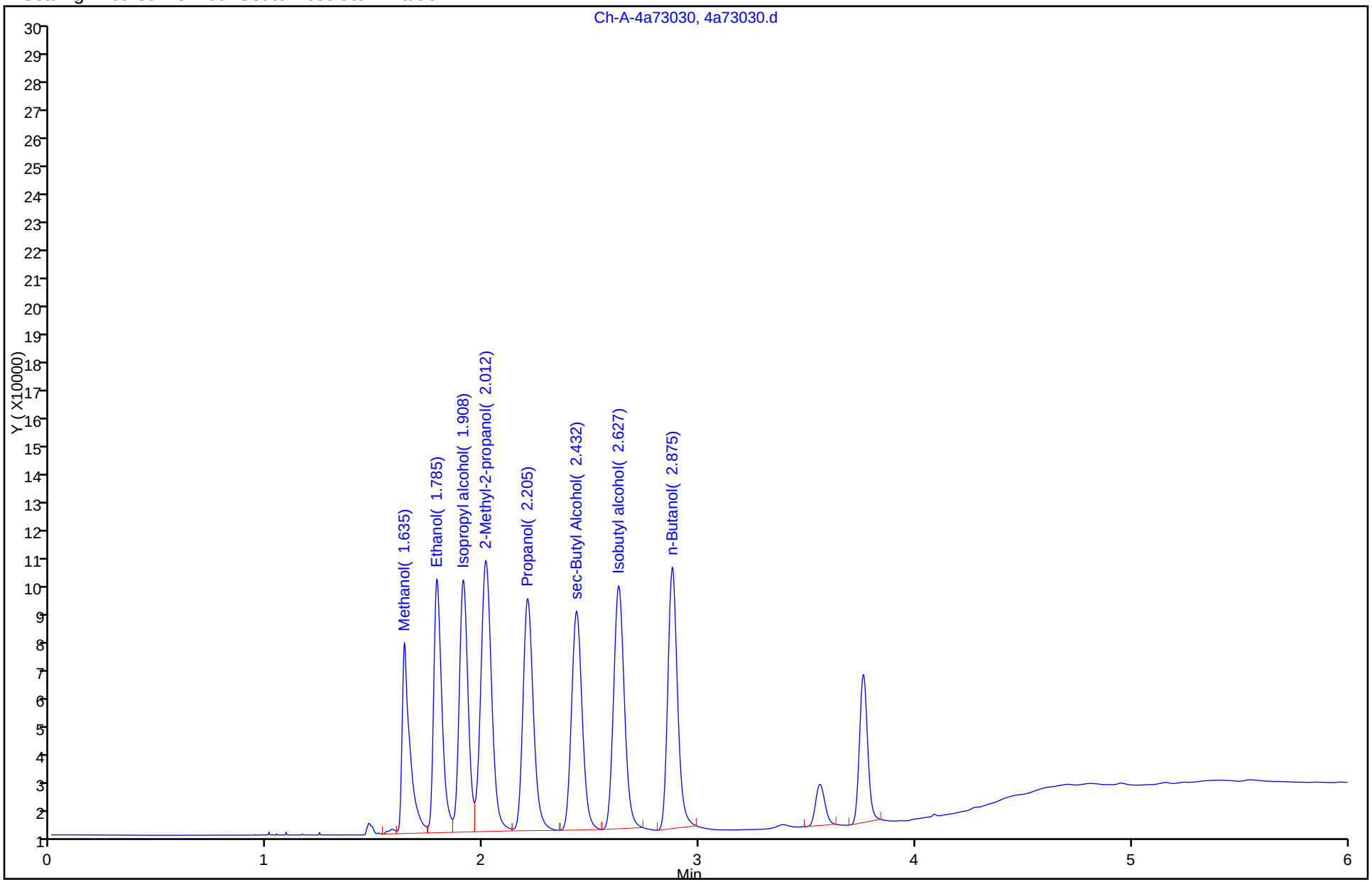
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
6	Methanol					
	1.635	1.650	-0.015	168439	17.8	
3	Ethanol					
	1.785	1.800	-0.015	236063	18.3	
5	Isopropyl alcohol					
	1.908	1.925	-0.017	252161	17.4	
2	2-Methyl-2-propanol					
	2.012	2.033	-0.021	332081	18.0	
8	Propanol					
	2.205	2.222	-0.017	274552	18.4	
9	sec-Butyl Alcohol					
	2.432	2.445	-0.013	264127	17.9	
4	Isobutyl alcohol					
	2.627	2.637	-0.010	295372	17.7	
7	n-Butanol					
	2.875	2.883	-0.008	285588	17.9	
E 1	2-Hexanone					
	3.758	3.765	-0.007	136364	7.75	

Report Date: 11-Oct-2012 09:44:55 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73030.d

Injection Date:	10-Oct-2012 15:53:25	Limit Group:	GC 8015B DAI ICAL
Client ID:	MW-35	Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	9
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
HYDROCARBONS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Client Sample ID: MW-35 MSD Lab Sample ID: 460-45509-8 MSD

Matrix: Water Lab File ID: 4a73031.d

Analysis Method: 8015B Date Collected: 10/04/2012 14:05

Sample wt/vol: 1(mL) Date Analyzed: 10/10/2012 16:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (30) ID: 0.53(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 84786 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-56-1	Methanol	18.2		1.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
591-78-6	2-Hexanone	79		63-124

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73031.d		
Lims ID:	460-45509-F-8 MSD	Client ID:	MW-35
Inject. Date:	10-Oct-2012 16:02:37	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	Name: 460-45509-F-8 MSD		
Misc. Info.:	Study: 480-0015607-010 Channel A: I/F Serial#, 3090270360		
Operator:	tchrom	Instrument ID:	HP5890-4
Vol. Injected:	1.0000	ALS Bottle#:	0
Lims Batch ID:	84786	Lims Sample ID:	10
Detector:	Ch-A-4a73031		
Method:	\\Bufchrom\ChromData\HP5890-04\20121010-15607.b\8015-Alc.m		
Last Update:	11-Oct-2012 09:44:55	Calib Date:	06-Jun-2012 10:27:59
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5890-04\20120606-12444.b\4a70241.d		
Limit Group:	GC 8015B DAI ICAL		
Integrator:	Falcon		
Process Host:	XAWRK027		

First Level Reviewer: dudziakj Date: 11-Oct-2012 09:46:00

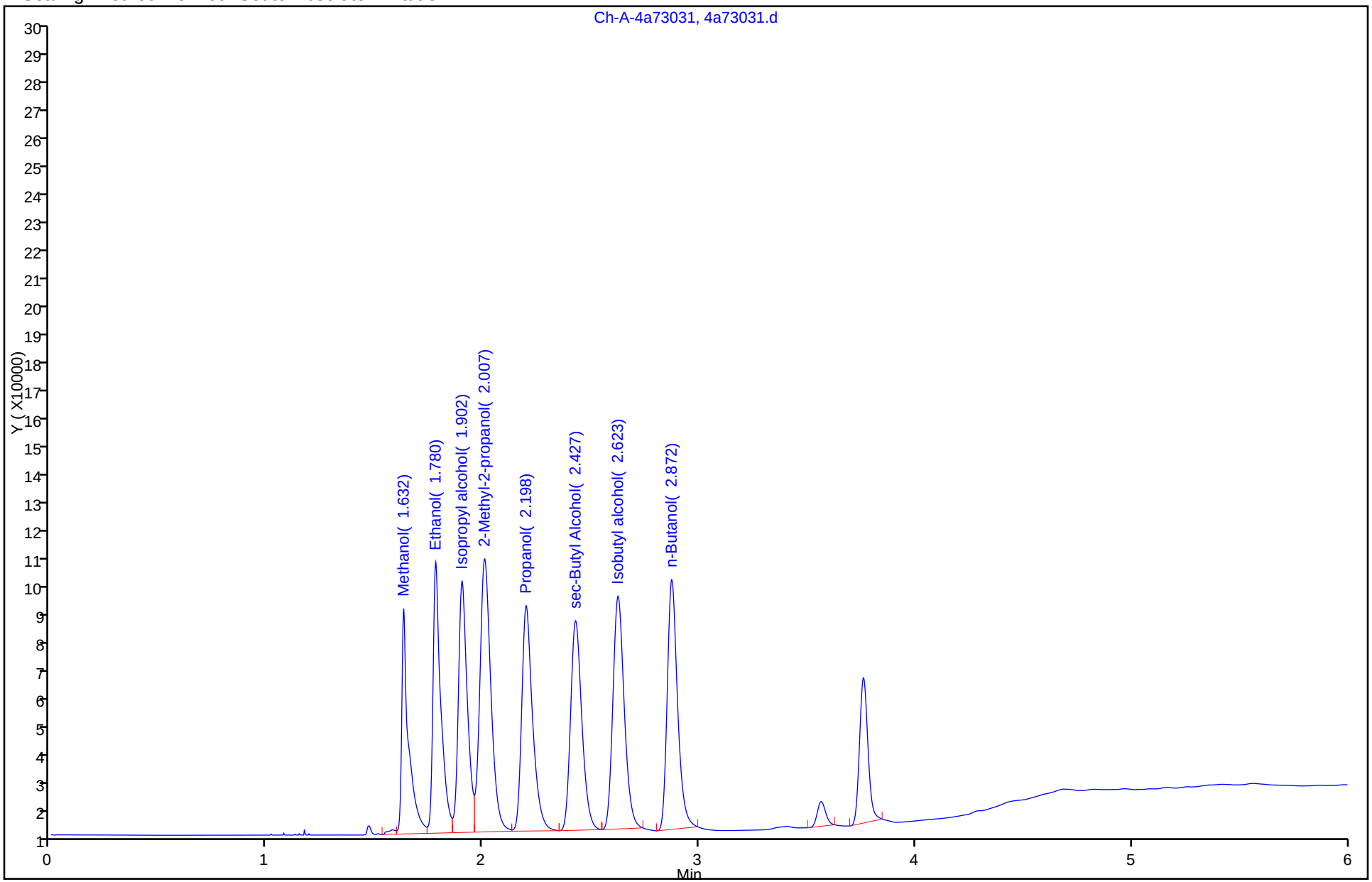
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/uL	Flags
6	Methanol					
	1.632	1.650	-0.018	172666	18.2	
3	Ethanol					
	1.780	1.800	-0.020	239680	18.5	
5	Isopropyl alcohol					
	1.902	1.925	-0.023	254992	17.6	
2	2-Methyl-2-propanol					
	2.007	2.033	-0.026	341620	18.5	
8	Propanol					
	2.198	2.222	-0.024	276258	18.5	
9	sec-Butyl Alcohol					
	2.427	2.445	-0.018	266541	18.1	
4	Isobutyl alcohol					
	2.623	2.637	-0.014	297549	17.9	
7	n-Butanol					
	2.872	2.883	-0.011	289512	18.1	
E 1	2-Hexanone					
	3.758	3.765	-0.007	138187	7.85	

Report Date: 11-Oct-2012 09:46:00 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Bufchrom\ChromData\HP5890-04\20121010-15607.b\4a73031.d

Injection Date:	10-Oct-2012 16:02:37	Limit Group:	GC 8015B DAI ICAL
Client ID:	MW-35	Instrument ID:	HP5890-4
Lims Batch ID:	84786	Lims Sample ID:	10
Operator ID:	tchrom	Injection Vol:	1.00 ul

Y Scaling: Method Defined: Set to Absolute Y Value



HYDROCARBONS ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Instrument ID: HP5890-4 Start Date: 06/06/2012 09:51

Analysis Batch Number: 67259 End Date: 06/06/2012 10:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 480-67259/5 IC		06/06/2012 09:51	1	4a70237.d	ZB-624 (30) 0.53(mm)
STD2 480-67259/6 IC		06/06/2012 10:00	1	4a70238.d	ZB-624 (30) 0.53(mm)
STD3 480-67259/7 IC		06/06/2012 10:09	1	4a70239.d	ZB-624 (30) 0.53(mm)
STD4 480-67259/8 IC		06/06/2012 10:18	1	4a70240.d	ZB-624 (30) 0.53(mm)
STD5 480-67259/9 IC		06/06/2012 10:27	1	4a70241.d	ZB-624 (30) 0.53(mm)
ICV 480-67259/10		06/06/2012 10:37	1		ZB-624 (30) 0.53(mm)

HYDROCARBONS ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 460-45509-1

SDG No.:

Instrument ID: HP5890-4 Start Date: 10/10/2012 12:20

Analysis Batch Number: 84786 End Date: 10/10/2012 16:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 480-84786/2		10/10/2012 12:20	1	4a73023.d	ZB-624 (30) 0.53(mm)
MB 480-84786/5		10/10/2012 14:14	1	4a73026.d	ZB-624 (30) 0.53(mm)
LCS 480-84786/6		10/10/2012 15:26	1	4a73027.d	ZB-624 (30) 0.53(mm)
460-45509-4	MW-28	10/10/2012 15:35	1	4a73028.d	ZB-624 (30) 0.53(mm)
460-45509-8	MW-35	10/10/2012 15:44	1	4a73029.d	ZB-624 (30) 0.53(mm)
460-45509-8 MS	MW-35 MS	10/10/2012 15:53	1	4a73030.d	ZB-624 (30) 0.53(mm)
460-45509-8 MSD	MW-35 MSD	10/10/2012 16:02	1	4a73031.d	ZB-624 (30) 0.53(mm)
460-45509-9	MW-34	10/10/2012 16:11	1	4a73032.d	ZB-624 (30) 0.53(mm)
460-45509-10	TW-01	10/10/2012 16:20	1	4a73033.d	ZB-624 (30) 0.53(mm)
CCV 480-84786/13		10/10/2012 16:30	1	4a73034.d	ZB-624 (30) 0.53(mm)

Shipping and Receiving Documents

C.S#4608594
C.S.# not legible
C.S# not legible

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10/18/2012

Client Information	Sampler: Kelley Rod/Jason Dittman	Lab PM: Chang, Grace	Carrier Tracking No(s):	COC No: 460-28818-18733.4
Client Contact: Ms. Dawn Penniman	Phone: 315-382-4934	E-Mail: grace.chang@testamericainc.com		Page: Page ~~1 of 1~~ 1 of
Company: ARCADIS U.S. Inc				Job #: 460-45509
Address: 6723 Towpath Road PO BOX 66	Due Date Requested: Standard			
City: Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13214	PO #: Purchase Order Requested			
Phone: 315-446-9120	WO #:			
Email: Dawn.Penniman@arcadis-us.com	Project #: ~~46003500~~ B0026003.0000.00010			
Project Name: McKesson Former Bear Street Facility	SSOW#:			
Site: Bear Street, Syracuse, NY				

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) 8260-Special Compound List	8270C - (MOD) 8270-Special Compound List	8015B_DAI - (MOD) Methanol	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N		
TRIP BLANK 100412	10/4/12	—	G	Water	N	N	X			2	-1
BD-01-100412	10/4/12	0830	G	water	N	N	X	X		5	-2
MW-30	10/4/12	0935	G	Water	N	N	X	X		5	-3
MW-28	10/4/12	1100	G	Water	N	N	X	X	X	8	-4
MW-85R	10/4/12	1335	G	Water	N	N	X	X		5	-5
MW-35	10/4/12	1000	G	Water	N	N	X	X		5	-6
MW-27	10/4/12	1150	G	Water	N	N	X	X		5	-7
MW-25	10/4/12	1405	G	Water	N	N	X	X	X	8	-8
MW-34	10/4/12	1545	G	Water	N	N	X	X	X	8	-9
MW-35 (MS)	10/4/12	1405	G	Water	N	Y	X	X	X	8	-8
MW-35 (MSD)	10/4/12	1405	G	Water	N	Y	X	X	X	8	-8

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Sub Work

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Per project contract

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Jason Dittman	Date/Time: 10.04.12, 18:00	Company: Arcadis	Received by: R English	Date/Time: 10.04.12, 18:00	Company: SyR
Relinquished by: R English	Date/Time: 10.04.12, 19:00	Company: SyR	Received by:	Date/Time:	Company:
Relinquished by: FED EX	Date/Time: 10/5/12 930	Company:	Received by: Dawn Lyng	Date/Time: 10/5/12 930	Company: NY Edison
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.0/1.0°C IR#2 / 4.0/3.0°C IR#2 / 5.0/4.0°C IR#2		

Chain of Custody Record

C.S.#460859
C.S.# Not legible
C.S.# Not legible

Temperature on Receipt _____
Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

460-45509

10/18/2012

TAL-4124 (1007)

Client: ARCADIS	Project Manager: Dawn Penniman	Date: 10/4/12	Chain of Custody Number: 126184
Address: 6723 Towpath Rd	Telephone Number (Area Code)/Fax Number: 315-446-9120	Lab Number	Page 2 of 2
City: Syracuse	State: NY / Zip Code: 13214	Site Contact: Kelley Roe / Nate Smith	Lab Contact: Grace Chang
Project Name and Location (State): McKesson Former Bear St. Facility	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: Proj# B0026003.0000.00010			

Analysis (Attach list if more space is needed)

8260B-(MOD) Expanded List = Napthalene
8270C-(MOD) Compound List = 1,4-Dioxane
8015B_DAI(MOD) Methanol

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	8260B-(MOD)	8270C-(MOD)	8015B_DAI(MOD)	
TW-01	10/4/12	1640		X			5			3			X	X	X	10

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify): Per project contract/requirements

	Date	Time		Date	Time
1. Relinquished By: Dawn Penniman	10.04.12	19:00	1. Received By: R. English, Syr	10.04.12	19:00
2. Relinquished By: R. English	10.04.12	19:00	2. Received By:		
3. Relinquished By: Fed Ex	10/5/12	930	3. Received By: Susan Lyng TA Edison	10/5/12	930

Comments
4.0 / 3.0°C IR#2
2.0 / 1.0°C IR#2 5.0 / 4.0°C IR#2

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Login Number: 45509

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	460859, #2 & #3 seals Not Ledgible
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0°C, 3.0°C, 4.0°C, IR #2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 460-45509-1

Login Number: 45509
List Number: 1
Creator: Robison, Zachary

List Source: TestAmerica Buffalo
List Creation: 10/09/12 03:56 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.5 C
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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Chang, Grace	Carrier Tracking No(s):	COC No: 460-15996.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: grace.chang@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 460-45509-1
Address: 10 Hazelwood Drive, ,	Due Date Requested: 10/17/2012			
City: Amherst	TAT Requested (days):			
State, Zip: NY, 14228-2298				
Phone: 716-691-2600(Tel) 716-691-7991(Fax)	PO #:			
Email:	WO #:			
Project Name: McKesson Former Bear Street Facility	Project #: 46003506			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DAI/ (MOD) Methanol	Total Number of Containers	Special Instructions/Note:
			Preservation Code:						
MW-28 (460-45509-4)	10/4/12	11:00 Eastern		Water			X	3	
MW-35 (460-45509-8)	10/4/12	14:05 Eastern		Water			X	3	
MW-35 (460-45509-8MS)	10/4/12	14:05 Eastern	MS	Water			X	3	
MW-35 (460-45509-8MSD)	10/4/12	14:05 Eastern	MSD	Water			X	3	
MW-34 (460-45509-9)	10/4/12	15:45 Eastern		Water			X	3	
TW-01 (460-45509-10)	10/4/12	16:40 Eastern		Water			X	3	

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 10/8/12 1230pm	Company TestAmerica	Received by: UPS	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Zachary J. Morrison	Date/Time: 10/9/12 0900	Company TA BUFFALO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

10/18/2012