ANALYTICAL REPORT

Job Number: 240-37120-1

Job Description: EMD

For:
TRC Environmental Corp-Payne Firm
11231 Cornell Park Drive
Cincinnati, OH 45242

Attention: Curt Kugler

Approved for release.
Patrick J O'Meara
Manager of Project Management
5/22/2014 5:09 PM

Patrick J O'Meara, Manager of Project Management
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-5725
patrick.omeara@testamericainc.com
05/22/2014

cc: Steve Rolfes
Jim Wasserbauer

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

Table of Contents

Cover Title Page 1

Data Summaries 4

Report Narrative 4

Sample Summary 5

Executive Summary 6

Method Summary 8

Method / Analyst Summary 9

Sample Datasheets 10

Surrogate Summary 34

QC Data Summary 35

Data Qualifiers 51

QC Association Summary 52

Lab Chronicle 53

Reagent Traceability 56

COAs 96

Certification Summary 133

Organic Sample Data 134

GC/MS VOA 134

Method 8260B 134

Method 8260B QC Summary 135

Method 8260B Sample Data 162

Standards Data 254

Method 8260B ICAL Data 254

Method 8260B CCAL Data 404

Raw QC Data 476

Method 8260B Tune Data 476

Table of Contents

Method 8260B Blank Data 497

Method 8260B LCS/LCSD Data 526

Method 8260B Run Logs 550

Shipping and Receiving Documents 557

Client Chain of Custody 558

CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: EMD

Report Number: 240-37120-1

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

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 5/9/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples DW004/050814 (240-37120-1), DCINFLOW/050814 (240-37120-2), MW505B/050814 (240-37120-3), MW505A/050814 (240-37120-4), MW509A/050814 (240-37120-5), MW509B/050814 (240-37120-6), MW510A/050814 (240-37120-7), MW510B/050814 (240-37120-8), MW508/050814 (240-37120-9), MW508B/050814 (240-37120-10), DCOUTFLOW/050814 (240-37120-11) and TB03/050814 (240-37120-12) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/17/2014, 05/19/2014, 05/20/2014 and 05/21/2014.

Acetone was detected in method blank MB 240-131184/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Methylene Chloride was detected in method blank MB 240-131527/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 131184 recovered outside control limits for the following analytes: Dichlorodifluoromethane and 1,1,1-Trichloroethane . Dichlorodifluoromethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. 1,1,1-Trichloroethane was biased high in the LCS and was not detected in the associated samples; therefore, the data has been reported.

The laboratory control sample (LCS) for batch 131527 recovered outside control limits for 2-Butanone, 2-Hexanone, and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) for batch 131527 recovered outside control limits for the following analyte: Acetone and Vinyl acetate. Acetone and Vinyl acetate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Samples MW505B/050814 (240-37120-3)[33.33X], MW505A/050814 (240-37120-4)[6.67X] and MW508/050814 (240-37120-9)[2.5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analysis. All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-37120-1	DW004/050814	Water	05/08/2014 0920	05/09/2014 0930
240-37120-2	DCINFLOW/050814	Water	05/08/2014 0930	05/09/2014 0930
240-37120-3	MW505B/050814	Water	05/08/2014 1015	05/09/2014 0930
240-37120-4	MW505A/050814	Water	05/08/2014 1015	05/09/2014 0930
240-37120-5	MW509A/050814	Water	05/08/2014 1045	05/09/2014 0930
240-37120-6	MW509B/050814	Water	05/08/2014 1050	05/09/2014 0930
240-37120-7	MW510A/050814	Water	05/08/2014 1100	05/09/2014 0930
240-37120-8	MW510B/050814	Water	05/08/2014 1120	05/09/2014 0930
240-37120-9	MW508/050814	Water	05/08/2014 1145	05/09/2014 0930
240-37120-10	MW508B/050814	Water	05/08/2014 1200	05/09/2014 0930
240-37120-11	DCOUTFLOW/050814	Water	05/08/2014 1230	05/09/2014 0930
240-37120-12TB	TB03/050814	Water	05/08/2014 0000	05/09/2014 0930

EXECUTIVE SUMMARY - Detections

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-37120-1	**DW004/050814**					
Carbon disulfide		0.18	J	1.0	ug/L	8260B
Toluene		0.16	J	1.0	ug/L	8260B
240-37120-2	**DCINFLOW/050814**					
Acetone		15		10	ug/L	8260B
240-37120-3	**MW505B/050814**					
Acetone		110	J *	330	ug/L	8260B
cis-1,2-Dichloroethene		26	J	33	ug/L	8260B
1,2-Dichloroethene, Total		26	J	67	ug/L	8260B
1,4-Dioxane		14000		1700	ug/L	8260B
Methylene Chloride		14	J B	33	ug/L	8260B
240-37120-4	**MW505A/050814**					
Acetone		25	J *	67	ug/L	8260B
Benzene		2.5	J	6.7	ug/L	8260B
cis-1,2-Dichloroethene		260		6.7	ug/L	8260B
1,1-Dichloroethane		4.0	J	6.7	ug/L	8260B
1,2-Dichloroethane		100		6.7	ug/L	8260B
1,2-Dichloroethene, Total		290		13	ug/L	8260B
1,4-Dioxane		3100		330	ug/L	8260B
trans-1,2-Dichloroethene		28		6.7	ug/L	8260B
Trichloroethene		3.8	J	6.7	ug/L	8260B
Vinyl chloride		54		6.7	ug/L	8260B
240-37120-5	**MW509A/050814**					
Acetone		1.9	J	10	ug/L	8260B
1,4-Dioxane		34	J	50	ug/L	8260B
240-37120-6	**MW509B/050814**					
1,4-Dioxane		120		50	ug/L	8260B
240-37120-7	**MW510A/050814**					
Acetone		1.6	J	10	ug/L	8260B
Chlorobenzene		0.21	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
1,2-Dichloroethene, Total		1.2	J	2.0	ug/L	8260B
1,4-Dioxane		230		50	ug/L	8260B
Vinyl chloride		0.75	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-37120-9	**MW508/050814**					
Acetone		180	*	25	ug/L	8260B
cis-1,2-Dichloroethene		3.3		2.5	ug/L	8260B
1,2-Dichloroethene, Total		3.3	J	5.0	ug/L	8260B
1,4-Dioxane		630		130	ug/L	8260B
Methylene Chloride		0.88	J B	2.5	ug/L	8260B
240-37120-10	**MW508B/050814**					
Acetone		2.1	J	10	ug/L	8260B
1,4-Dioxane		50		50	ug/L	8260B
240-37120-11	**DCOUTFLOW/050814**					
Acetone		6.5	J B	10	ug/L	8260B
240-37120-12TB	**TB03/050814**					
Chloroform		0.60	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CAN	SW846 8260B	
Purge and Trap	TAL CAN		SW846 5030B

Lab References:

TAL CAN = TestAmerica Canton

Method References:

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

METHOD / ANALYST SUMMARY

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method	Analyst	Analyst ID
SW846 8260B	Evans, Laura	LEE
SW846 8260B	Williams, Larry	LRW

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **DW004/050814**

Lab Sample ID: 240-37120-1

Client Matrix: Water

Date Sampled: 05/08/2014 0920

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8464.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1519			Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1519				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	0.18	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.16	J	0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **DW004/050814**

Lab Sample ID: 240-37120-1

Client Matrix: Water

Date Sampled: 05/08/2014 0920

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8464.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1519			Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1519				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 120
Dibromofluoromethane (Surr)	85		75 - 121
1,2-Dichloroethane-d4 (Surr)	77		63 - 129
Toluene-d8 (Surr)	92		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **DCINFLOW/050814**

Lab Sample ID: 240-37120-2

Client Matrix: Water

Date Sampled: 05/08/2014 0930

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8465.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1542			Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1542				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **DCINFLOW/050814**

Lab Sample ID: 240-37120-2

Client Matrix: Water

Date Sampled: 05/08/2014 0930

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8465.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1542			Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1542				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	77		66 - 120
Dibromofluoromethane (Surr)	86		75 - 121
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
Toluene-d8 (Surr)	88		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW505B/050814**

Lab Sample ID: 240-37120-3

Client Matrix: Water

Date Sampled: 05/08/2014 1015

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3570.D
Dilution:	33.33			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1532			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1532				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	110	J *	37	330
Acetonitrile	ND		120	670
Acrolein	ND		73	670
Acrylonitrile	ND		67	670
Benzene	ND		4.3	33
Bromodichloromethane	ND		5.0	33
Bromoform	ND		21	33
Bromomethane	ND		14	33
2-Butanone	ND	*	19	330
Carbon disulfide	ND		4.3	33
Carbon tetrachloride	ND		4.3	33
Chlorobenzene	ND		5.0	33
Chloroethane	ND		9.7	33
Chloroform	ND		5.3	33
Chloromethane	ND		10	33
Chloroprene	ND		9.7	67
3-Chloro-1-propene	ND		12	67
cis-1,2-Dichloroethene	26	J	5.7	33
cis-1,3-Dichloropropene	ND		4.7	33
Dibromochloromethane	ND		6.0	33
1,2-Dibromo-3-Chloropropane	ND		22	67
Dibromomethane	ND		9.3	33
Dichlorodifluoromethane	ND		10	33
1,1-Dichloroethane	ND		5.0	33
1,2-Dichloroethane	ND		7.3	33
1,1-Dichloroethene	ND		6.3	33
1,2-Dichloroethene, Total	26	J	5.7	67
1,2-Dichloropropane	ND		6.0	33
1,4-Dioxane	14000		630	1700
Ethylbenzene	ND		5.7	33
Ethylene Dibromide	ND		8.0	33
Ethyl methacrylate	ND		4.7	33
2-Hexanone	ND	*	14	330
Iodomethane	ND		6.0	33
Isobutanol	ND		270	1700
Methacrylonitrile	ND		17	67
Methylene Chloride	14	J B	11	33
Methyl methacrylate	ND		16	67
4-Methyl-2-pentanone (MIBK)	ND	*	11	330
Propionitrile	ND		40	130
Styrene	ND		3.7	33
1,1,1,2-Tetrachloroethane	ND		7.7	33
1,1,2,2-Tetrachloroethane	ND		6.0	33
Tetrachloroethene	ND		9.7	33
Toluene	ND		4.3	33
trans-1,4-Dichloro-2-butene	ND		5.0	33

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW505B/050814**

Lab Sample ID: 240-37120-3

Client Matrix: Water

Date Sampled: 05/08/2014 1015

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3570.D
Dilution:	33.33			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1532			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1532				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		6.3	33
trans-1,3-Dichloropropene	ND		6.3	33
1,1,1-Trichloroethane	ND		7.3	33
1,1,2-Trichloroethane	ND		9.0	33
Trichloroethene	ND		5.7	33
Trichlorofluoromethane	ND		7.0	33
1,2,3-Trichloropropane	ND		14	33
Vinyl acetate	ND	*	6.3	67
Vinyl chloride	ND		7.3	33
Xylenes, Total	ND		4.7	67

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84		66 - 120
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	106		63 - 129
Toluene-d8 (Surr)	96		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW505A/050814**

Lab Sample ID: 240-37120-4

Client Matrix: Water

Date Sampled: 05/08/2014 1015

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3571.D
Dilution:	6.67			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1554			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1554				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	25	J *	7.3	67
Acetonitrile	ND		23	130
Acrolein	ND		15	130
Acrylonitrile	ND		13	130
Benzene	2.5	J	0.87	6.7
Bromodichloromethane	ND		1.0	6.7
Bromoform	ND		4.3	6.7
Bromomethane	ND		2.7	6.7
2-Butanone	ND	*	3.8	67
Carbon disulfide	ND		0.87	6.7
Carbon tetrachloride	ND		0.87	6.7
Chlorobenzene	ND		1.0	6.7
Chloroethane	ND		1.9	6.7
Chloroform	ND		1.1	6.7
Chloromethane	ND		2.0	6.7
Chloroprene	ND		1.9	13
3-Chloro-1-propene	ND		2.3	13
cis-1,2-Dichloroethene	260		1.1	6.7
cis-1,3-Dichloropropene	ND		0.93	6.7
Dibromochloromethane	ND		1.2	6.7
1,2-Dibromo-3-Chloropropane	ND		4.5	13
Dibromomethane	ND		1.9	6.7
Dichlorodifluoromethane	ND		2.1	6.7
1,1-Dichloroethane	4.0	J	1.0	6.7
1,2-Dichloroethane	100		1.5	6.7
1,1-Dichloroethene	ND		1.3	6.7
1,2-Dichloroethene, Total	290		1.1	13
1,2-Dichloropropane	ND		1.2	6.7
1,4-Dioxane	3100		130	330
Ethylbenzene	ND		1.1	6.7
Ethylene Dibromide	ND		1.6	6.7
Ethyl methacrylate	ND		0.93	6.7
2-Hexanone	ND	*	2.7	67
Iodomethane	ND		1.2	6.7
Isobutanol	ND		55	330
Methacrylonitrile	ND		3.4	13
Methylene Chloride	ND		2.2	6.7
Methyl methacrylate	ND		3.3	13
4-Methyl-2-pentanone (MIBK)	ND	*	2.1	67
Propionitrile	ND		8.0	27
Styrene	ND		0.73	6.7
1,1,1,2-Tetrachloroethane	ND		1.5	6.7
1,1,2,2-Tetrachloroethane	ND		1.2	6.7
Tetrachloroethene	ND		1.9	6.7
Toluene	ND		0.87	6.7
trans-1,4-Dichloro-2-butene	ND		1.0	6.7

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW505A/050814**

Lab Sample ID: 240-37120-4

Client Matrix: Water

Date Sampled: 05/08/2014 1015

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3571.D
Dilution:	6.67			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1554			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1554				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	28		1.3	6.7
trans-1,3-Dichloropropene	ND		1.3	6.7
1,1,1-Trichloroethane	ND		1.5	6.7
1,1,2-Trichloroethane	ND		1.8	6.7
Trichloroethene	3.8	J	1.1	6.7
Trichlorofluoromethane	ND		1.4	6.7
1,2,3-Trichloropropane	ND		2.9	6.7
Vinyl acetate	ND	*	1.3	13
Vinyl chloride	54		1.5	6.7
Xylenes, Total	ND		0.93	13

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 120
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	107		63 - 129
Toluene-d8 (Surr)	93		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW509A/050814**

Lab Sample ID: 240-37120-5

Client Matrix: Water

Date Sampled: 05/08/2014 1045

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3547.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1723			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1723				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	34	J	19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW509A/050814**

Lab Sample ID: 240-37120-5

Client Matrix: Water

Date Sampled: 05/08/2014 1045

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3547.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1723			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1723				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND	*	0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	81		66 - 120
Dibromofluoromethane (Surr)	102		75 - 121
1,2-Dichloroethane-d4 (Surr)	116		63 - 129
Toluene-d8 (Surr)	89		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW509B/050814**

Lab Sample ID: 240-37120-6

Client Matrix: Water

Date Sampled: 05/08/2014 1050

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3548.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1745			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1745				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	120		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW509B/050814**

Lab Sample ID: 240-37120-6

Client Matrix: Water

Date Sampled: 05/08/2014 1050

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3548.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1745			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1745				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND	*	0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 120
Dibromofluoromethane (Surr)	103		75 - 121
1,2-Dichloroethane-d4 (Surr)	110		63 - 129
Toluene-d8 (Surr)	92		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW510A/050814**

Lab Sample ID: 240-37120-7

Client Matrix: Water

Date Sampled: 05/08/2014 1100

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3549.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1808			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1808				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.6	J	1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	0.21	J	0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	1.2		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	1.2	J	0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	230		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW510A/050814**

Lab Sample ID: 240-37120-7

Client Matrix: Water

Date Sampled: 05/08/2014 1100

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3549.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1808			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1808				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND	*	0.19	2.0
Vinyl chloride	0.75	J	0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84		66 - 120
Dibromofluoromethane (Surr)	106		75 - 121
1,2-Dichloroethane-d4 (Surr)	114		63 - 129
Toluene-d8 (Surr)	90		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW510B/050814**

Lab Sample ID: 240-37120-8

Client Matrix: Water

Date Sampled: 05/08/2014 1120

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3550.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1831			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1831				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW510B/050814**

Lab Sample ID: 240-37120-8

Client Matrix: Water

Date Sampled: 05/08/2014 1120

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3550.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1831			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1831				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND	*	0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 120
Dibromofluoromethane (Surr)	106		75 - 121
1,2-Dichloroethane-d4 (Surr)	118		63 - 129
Toluene-d8 (Surr)	90		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW508/050814**

Lab Sample ID: 240-37120-9

Client Matrix: Water

Date Sampled: 05/08/2014 1145

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3572.D
Dilution:	2.5			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1617			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1617				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	180	*	2.8	25
Acetonitrile	ND		8.8	50
Acrolein	ND		5.5	50
Acrylonitrile	ND		5.0	50
Benzene	ND		0.33	2.5
Bromodichloromethane	ND		0.38	2.5
Bromoform	ND		1.6	2.5
Bromomethane	ND		1.0	2.5
2-Butanone	ND	*	1.4	25
Carbon disulfide	ND		0.33	2.5
Carbon tetrachloride	ND		0.33	2.5
Chlorobenzene	ND		0.38	2.5
Chloroethane	ND		0.73	2.5
Chloroform	ND		0.40	2.5
Chloromethane	ND		0.75	2.5
Chloroprene	ND		0.73	5.0
3-Chloro-1-propene	ND		0.88	5.0
cis-1,2-Dichloroethene	3.3		0.43	2.5
cis-1,3-Dichloropropene	ND		0.35	2.5
Dibromochloromethane	ND		0.45	2.5
1,2-Dibromo-3-Chloropropane	ND		1.7	5.0
Dibromomethane	ND		0.70	2.5
Dichlorodifluoromethane	ND		0.78	2.5
1,1-Dichloroethane	ND		0.38	2.5
1,2-Dichloroethane	ND		0.55	2.5
1,1-Dichloroethene	ND		0.48	2.5
1,2-Dichloroethene, Total	3.3	J	0.43	5.0
1,2-Dichloropropane	ND		0.45	2.5
1,4-Dioxane	630		48	130
Ethylbenzene	ND		0.43	2.5
Ethylene Dibromide	ND		0.60	2.5
Ethyl methacrylate	ND		0.35	2.5
2-Hexanone	ND	*	1.0	25
Iodomethane	ND		0.45	2.5
Isobutanol	ND		21	130
Methacrylonitrile	ND		1.3	5.0
Methylene Chloride	0.88	J B	0.83	2.5
Methyl methacrylate	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND	*	0.80	25
Propionitrile	ND		3.0	10
Styrene	ND		0.28	2.5
1,1,1,2-Tetrachloroethane	ND		0.58	2.5
1,1,2,2-Tetrachloroethane	ND		0.45	2.5
Tetrachloroethene	ND		0.73	2.5
Toluene	ND		0.33	2.5
trans-1,4-Dichloro-2-butene	ND		0.38	2.5

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW508/050814**

Lab Sample ID: 240-37120-9

Client Matrix: Water

Date Sampled: 05/08/2014 1145

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3572.D
Dilution:	2.5			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1617			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1617				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.48	2.5
trans-1,3-Dichloropropene	ND		0.48	2.5
1,1,1-Trichloroethane	ND		0.55	2.5
1,1,2-Trichloroethane	ND		0.68	2.5
Trichloroethene	ND		0.43	2.5
Trichlorofluoromethane	ND		0.53	2.5
1,2,3-Trichloropropane	ND		1.1	2.5
Vinyl acetate	ND	*	0.48	5.0
Vinyl chloride	ND		0.55	2.5
Xylenes, Total	ND		0.35	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 120
Dibromofluoromethane (Surr)	103		75 - 121
1,2-Dichloroethane-d4 (Surr)	115		63 - 129
Toluene-d8 (Surr)	93		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW508B/050814**

Lab Sample ID: 240-37120-10

Client Matrix: Water

Date Sampled: 05/08/2014 1200

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3552.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1916			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1916				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J	1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	50		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **MW508B/050814**

Lab Sample ID: 240-37120-10

Client Matrix: Water

Date Sampled: 05/08/2014 1200

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3552.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1916			Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1916				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND	*	0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	83		66 - 120
Dibromofluoromethane (Surr)	105		75 - 121
1,2-Dichloroethane-d4 (Surr)	114		63 - 129
Toluene-d8 (Surr)	88		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **DCOUTFLOW/050814**

Lab Sample ID: 240-37120-11

Client Matrix: Water

Date Sampled: 05/08/2014 1230

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR0674.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 2006			Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 2006				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.5	J B	1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND	*	0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **DCOUTFLOW/050814**

Lab Sample ID: 240-37120-11

Client Matrix: Water

Date Sampled: 05/08/2014 1230

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR0674.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 2006			Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 2006				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND	*	0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		66 - 120
Dibromofluoromethane (Surr)	106		75 - 121
1,2-Dichloroethane-d4 (Surr)	106		63 - 129
Toluene-d8 (Surr)	86		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **TB03/050814**

Lab Sample ID: 240-37120-12TB

Client Matrix: Water

Date Sampled: 05/08/2014 0000

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR0675.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 2029			Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 2029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	0.60	J	0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND	*	0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Client Sample ID: **TB03/050814**

Lab Sample ID: 240-37120-12TB

Client Matrix: Water

Date Sampled: 05/08/2014 0000

Date Received: 05/09/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR0675.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 2029			Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 2029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND	*	0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 120
Dibromofluoromethane (Surr)	105		75 - 121
1,2-Dichloroethane-d4 (Surr)	108		63 - 129
Toluene-d8 (Surr)	85		74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-37120-1	DW004/050814	85	77	92	82
240-37120-2	DCINFLOW/050814	86	78	88	77
240-37120-3	MW505B/050814	99	106	96	84
240-37120-4	MW505A/050814	99	107	93	85
240-37120-5	MW509A/050814	102	116	89	81
240-37120-6	MW509B/050814	103	110	92	85
240-37120-7	MW510A/050814	106	114	90	84
240-37120-8	MW510B/050814	106	118	90	85
240-37120-9	MW508/050814	103	115	93	82
240-37120-10	MW508B/050814	105	114	88	83
240-37120-11	DCOUTFLOW/050814	106	106	86	95
240-37120-12	TB03/050814	105	108	85	91
MB 240-131072/5		88	77	90	80
MB 240-131184/6		105	110	90	87
MB 240-131334/6		100	109	91	84
MB 240-131527/6		98	112	91	84
LCS 240-131072/4		83	80	95	95
LCS 240-131184/4		98	103	93	99
LCS 240-131334/4		99	103	97	98
LCS 240-131527/4		99	102	97	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-120
BFB = 4-Bromofluorobenzene (Surr)	66-120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131072

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131072/5	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8457.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1235	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1235				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131072

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131072/5	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8457.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1235	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1235				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	ND		0.15	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	80	66 - 120
Dibromofluoromethane (Surr)	88	75 - 121
1,2-Dichloroethane-d4 (Surr)	77	63 - 129
Toluene-d8 (Surr)	90	74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131072

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131072/4	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8454.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1125	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1125				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	15.8	79	43 - 136	
Acrolein	50.0	46.6	93	51 - 170	
Acrylonitrile	100	93.6	94	66 - 132	
Benzene	10.0	9.86	99	80 - 120	
Bromodichloromethane	10.0	9.64	96	72 - 121	
Bromoform	10.0	8.61	86	40 - 131	
Bromomethane	10.0	9.82	98	11 - 185	
2-Butanone	20.0	15.9	80	60 - 126	
Carbon disulfide	10.0	10.5	105	62 - 142	
Carbon tetrachloride	10.0	10.3	103	66 - 128	
Chlorobenzene	10.0	9.27	93	80 - 120	
Chloroethane	10.0	9.25	92	25 - 153	
Chloroform	10.0	9.75	98	79 - 120	
Chloromethane	10.0	8.99	90	44 - 126	
3-Chloro-1-propene	10.0	10.0	100	40 - 160	
cis-1,2-Dichloroethene	10.0	9.59	96	80 - 120	
cis-1,3-Dichloropropene	10.0	9.19	92	61 - 120	
Dibromochloromethane	10.0	9.80	98	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	8.37	84	42 - 136	
Dibromomethane	10.0	9.20	92	80 - 120	
Dichlorodifluoromethane	10.0	9.09	91	19 - 129	
1,1-Dichloroethane	10.0	10.2	102	80 - 120	
1,2-Dichloroethane	10.0	9.01	90	71 - 127	
1,1-Dichloroethene	10.0	10.5	105	78 - 131	
1,2-Dichloroethene, Total	20.0	19.7	98	80 - 120	
1,2-Dichloropropane	10.0	9.82	98	80 - 120	
1,4-Dioxane	200	115	58	50 - 150	
Ethylbenzene	10.0	9.43	94	80 - 120	
Ethylene Dibromide	10.0	9.44	94	79 - 120	
Ethyl methacrylate	10.0	9.19	92	40 - 160	
2-Hexanone	20.0	16.8	84	55 - 133	
Iodomethane	10.0	10.7	107	72 - 141	
Isobutanol	250	237	95	40 - 160	
Methylene Chloride	10.0	9.98	100	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	15.7	79	63 - 128	
m-Xylene & p-Xylene	10.0	9.34	93	80 - 120	
o-Xylene	10.0	9.35	94	80 - 120	
Styrene	10.0	8.78	88	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	9.90	99	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	7.82	78	68 - 120	
Tetrachloroethene	10.0	10.9	109	79 - 120	
Toluene	10.0	10.7	107	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	6.92	69	10 - 199	
trans-1,2-Dichloroethene	10.0	10.1	101	80 - 120	
trans-1,3-Dichloropropene	10.0	10.7	107	58 - 120	
1,1,1-Trichloroethane	10.0	9.74	97	74 - 120	

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131072

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131072/4	Analysis Batch:	240-131072	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8454.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/17/2014 1125	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/17/2014 1125				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	10.0	9.84	98	80 - 120	
Trichloroethene	10.0	9.78	98	76 - 120	
Trichlorofluoromethane	10.0	9.72	97	49 - 157	
1,2,3-Trichloropropane	10.0	7.43	74	73 - 129	
Vinyl acetate	8.00	9.97	125	46 - 161	
Vinyl chloride	10.0	9.55	96	53 - 127	
Xylenes, Total	20.0	18.7	93	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	95	66 - 120
Dibromofluoromethane (Surr)	83	75 - 121
1,2-Dichloroethane-d4 (Surr)	80	63 - 129
Toluene-d8 (Surr)	95	74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131184

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131184/6	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR0657.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 1337	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 1337				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	2.02	J	1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131184

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131184/6	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR0657.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 1337	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 1337				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	ND		0.15	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	87	66 - 120
Dibromofluoromethane (Surr)	105	75 - 121
1,2-Dichloroethane-d4 (Surr)	110	63 - 129
Toluene-d8 (Surr)	90	74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131184

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131184/4	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR0655.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 1251	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 1251				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	21.8	109	43 - 136	
Acrolein	50.0	26.6	53	51 - 170	
Acrylonitrile	100	87.1	87	66 - 132	
Benzene	10.0	10.5	105	80 - 120	
Bromodichloromethane	10.0	10.9	109	72 - 121	
Bromoform	10.0	8.74	87	40 - 131	
Bromomethane	10.0	10.3	103	11 - 185	
2-Butanone	20.0	17.4	87	60 - 126	
Carbon disulfide	10.0	10.3	103	62 - 142	
Carbon tetrachloride	10.0	12.3	123	66 - 128	
Chlorobenzene	10.0	10.3	103	80 - 120	
Chloroethane	10.0	7.78	78	25 - 153	
Chloroform	10.0	12.0	120	79 - 120	
Chloromethane	10.0	8.48	85	44 - 126	
3-Chloro-1-propene	10.0	9.43	94	40 - 160	
cis-1,2-Dichloroethene	10.0	10.7	107	80 - 120	
cis-1,3-Dichloropropene	10.0	10.0	100	61 - 120	
Dibromochloromethane	10.0	10.2	102	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	10.8	108	42 - 136	
Dibromomethane	10.0	11.0	110	80 - 120	
Dichlorodifluoromethane	10.0	13.3	133	19 - 129	*
1,1-Dichloroethane	10.0	10.9	109	80 - 120	
1,2-Dichloroethane	10.0	11.7	117	71 - 127	
1,1-Dichloroethene	10.0	10.6	106	78 - 131	
1,2-Dichloroethene, Total	20.0	21.5	108	80 - 120	
1,2-Dichloropropane	10.0	9.91	99	80 - 120	
1,4-Dioxane	200	182	91	50 - 150	
Ethylbenzene	10.0	9.74	97	80 - 120	
Ethylene Dibromide	10.0	10.1	101	79 - 120	
Ethyl methacrylate	10.0	9.37	94	40 - 160	
2-Hexanone	20.0	17.8	89	55 - 133	
Iodomethane	10.0	9.74	97	72 - 141	
Isobutanol	250	207	83	40 - 160	
Methylene Chloride	10.0	11.2	112	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	17.5	88	63 - 128	
m-Xylene & p-Xylene	10.0	10.2	102	80 - 120	
o-Xylene	10.0	10.2	102	80 - 120	
Styrene	10.0	9.57	96	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	10.9	109	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	68 - 120	
Tetrachloroethene	10.0	9.99	100	79 - 120	
Toluene	10.0	10.5	105	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	2.90	29	10 - 199	
trans-1,2-Dichloroethene	10.0	10.8	108	80 - 120	
trans-1,3-Dichloropropene	10.0	10.5	105	58 - 120	
1,1,1-Trichloroethane	10.0	12.1	121	74 - 120	*

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131184

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131184/4	Analysis Batch:	240-131184	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR0655.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/19/2014 1251	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/19/2014 1251				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	10.0	10.4	104	80 - 120	
Trichloroethene	10.0	11.0	110	76 - 120	
Trichlorofluoromethane	10.0	10.0	100	49 - 157	
1,2,3-Trichloropropane	10.0	11.2	112	73 - 129	
Vinyl acetate	8.00	8.31	104	46 - 161	
Vinyl chloride	10.0	7.83	78	53 - 127	
Xylenes, Total	20.0	20.4	102	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	99	66 - 120
Dibromofluoromethane (Surr)	98	75 - 121
1,2-Dichloroethane-d4 (Surr)	103	63 - 129
Toluene-d8 (Surr)	93	74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131334

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131334/6	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3533.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1203	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1203				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131334

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131334/6	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3533.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1203	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1203				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	ND		0.15	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	84	66 - 120
Dibromofluoromethane (Surr)	100	75 - 121
1,2-Dichloroethane-d4 (Surr)	109	63 - 129
Toluene-d8 (Surr)	91	74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131334

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131334/4	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3531.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1118	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1118				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	25.3	127	43 - 136	
Acrolein	50.0	36.4	73	51 - 170	
Acrylonitrile	100	116	116	66 - 132	
Benzene	10.0	10.3	103	80 - 120	
Bromodichloromethane	10.0	11.2	112	72 - 121	
Bromoform	10.0	11.3	113	40 - 131	
Bromomethane	10.0	7.71	77	11 - 185	
2-Butanone	20.0	23.8	119	60 - 126	
Carbon disulfide	10.0	11.1	111	62 - 142	
Carbon tetrachloride	10.0	11.6	116	66 - 128	
Chlorobenzene	10.0	10.2	102	80 - 120	
Chloroethane	10.0	6.41	64	25 - 153	
Chloroform	10.0	10.8	108	79 - 120	
Chloromethane	10.0	9.38	94	44 - 126	
3-Chloro-1-propene	10.0	10.1	101	40 - 160	
cis-1,2-Dichloroethene	10.0	10.1	101	80 - 120	
cis-1,3-Dichloropropene	10.0	11.8	118	61 - 120	
Dibromochloromethane	10.0	11.9	119	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	11.2	112	42 - 136	
Dibromomethane	10.0	10.8	108	80 - 120	
Dichlorodifluoromethane	10.0	8.86	89	19 - 129	
1,1-Dichloroethane	10.0	11.0	110	80 - 120	
1,2-Dichloroethane	10.0	11.4	114	71 - 127	
1,1-Dichloroethene	10.0	10.8	108	78 - 131	
1,2-Dichloroethene, Total	20.0	20.8	104	80 - 120	
1,2-Dichloropropane	10.0	11.0	110	80 - 120	
1,4-Dioxane	200	196	98	50 - 150	
Ethylbenzene	10.0	10.5	105	80 - 120	
Ethylene Dibromide	10.0	11.4	114	79 - 120	
Ethyl methacrylate	10.0	10.9	109	40 - 160	
2-Hexanone	20.0	24.6	123	55 - 133	
Iodomethane	10.0	10.5	105	72 - 141	
Isobutanol	250	277	111	40 - 160	
Methylene Chloride	10.0	10.1	101	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	24.7	124	63 - 128	
m-Xylene & p-Xylene	10.0	10.5	105	80 - 120	
o-Xylene	10.0	10.5	105	80 - 120	
Styrene	10.0	10.5	105	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	11.1	111	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	10.9	109	68 - 120	
Tetrachloroethene	10.0	10.3	103	79 - 120	
Toluene	10.0	10.9	109	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	11.3	113	10 - 199	
trans-1,2-Dichloroethene	10.0	10.7	107	80 - 120	
trans-1,3-Dichloropropene	10.0	11.7	117	58 - 120	
1,1,1-Trichloroethane	10.0	11.4	114	74 - 120	

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131334

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131334/4	Analysis Batch:	240-131334	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3531.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/20/2014 1118	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/20/2014 1118				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	10.0	10.5	105	80 - 120	
Trichloroethene	10.0	9.94	99	76 - 120	
Trichlorofluoromethane	10.0	8.86	89	49 - 157	
1,2,3-Trichloropropane	10.0	11.4	114	73 - 129	
Vinyl acetate	8.00	14.8	185	46 - 161	*
Vinyl chloride	10.0	9.40	94	53 - 127	
Xylenes, Total	20.0	21.0	105	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	98	66 - 120
Dibromofluoromethane (Surr)	99	75 - 121
1,2-Dichloroethane-d4 (Surr)	103	63 - 129
Toluene-d8 (Surr)	97	74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131527

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131527/6	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3562.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1155	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1155				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	0.430	J	0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Method Blank - Batch: 240-131527

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-131527/6	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3562.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1155	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1155				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	ND		0.15	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	84	66 - 120
Dibromofluoromethane (Surr)	98	75 - 121
1,2-Dichloroethane-d4 (Surr)	112	63 - 129
Toluene-d8 (Surr)	91	74 - 120

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131527

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131527/4	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3560.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1110	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1110				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	27.3	137	43 - 136	*
Acrolein	50.0	36.8	74	51 - 170	
Acrylonitrile	100	122	122	66 - 132	
Benzene	10.0	10.3	103	80 - 120	
Bromodichloromethane	10.0	11.0	110	72 - 121	
Bromoform	10.0	11.4	114	40 - 131	
Bromomethane	10.0	6.91	69	11 - 185	
2-Butanone	20.0	26.1	130	60 - 126	*
Carbon disulfide	10.0	10.9	109	62 - 142	
Carbon tetrachloride	10.0	11.5	115	66 - 128	
Chlorobenzene	10.0	10.1	101	80 - 120	
Chloroethane	10.0	5.95	59	25 - 153	
Chloroform	10.0	10.8	108	79 - 120	
Chloromethane	10.0	9.91	99	44 - 126	
3-Chloro-1-propene	10.0	10.6	106	40 - 160	
cis-1,2-Dichloroethene	10.0	10.2	102	80 - 120	
cis-1,3-Dichloropropene	10.0	11.9	119	61 - 120	
Dibromochloromethane	10.0	11.2	112	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	10.4	104	42 - 136	
Dibromomethane	10.0	10.8	108	80 - 120	
Dichlorodifluoromethane	10.0	10.0	100	19 - 129	
1,1-Dichloroethane	10.0	11.0	110	80 - 120	
1,2-Dichloroethane	10.0	11.3	113	71 - 127	
1,1-Dichloroethene	10.0	10.7	107	78 - 131	
1,2-Dichloroethene, Total	20.0	21.0	105	80 - 120	
1,2-Dichloropropane	10.0	11.0	110	80 - 120	
1,4-Dioxane	200	222	111	50 - 150	
Ethylbenzene	10.0	10.4	104	80 - 120	
Ethylene Dibromide	10.0	11.1	111	79 - 120	
Ethyl methacrylate	10.0	11.3	113	40 - 160	
2-Hexanone	20.0	27.1	136	55 - 133	*
Iodomethane	10.0	10.2	102	72 - 141	
Isobutanol	250	288	115	40 - 160	
Methylene Chloride	10.0	10.2	102	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	27.1	135	63 - 128	*
m-Xylene & p-Xylene	10.0	10.4	104	80 - 120	
o-Xylene	10.0	10.3	103	80 - 120	
Styrene	10.0	10.2	102	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	11.0	110	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	11.0	110	68 - 120	
Tetrachloroethene	10.0	10.1	101	79 - 120	
Toluene	10.0	10.6	106	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	12.3	123	10 - 199	
trans-1,2-Dichloroethene	10.0	10.8	108	80 - 120	
trans-1,3-Dichloropropene	10.0	11.9	119	58 - 120	
1,1,1-Trichloroethane	10.0	11.0	110	74 - 120	

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Control Sample - Batch: 240-131527

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-131527/4	Analysis Batch:	240-131527	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3560.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1110	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1110				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	10.0	10.4	104	80 - 120	
Trichloroethene	10.0	10.2	102	76 - 120	
Trichlorofluoromethane	10.0	9.12	91	49 - 157	
1,2,3-Trichloropropane	10.0	11.9	119	73 - 129	
Vinyl acetate	8.00	14.6	182	46 - 161	*
Vinyl chloride	10.0	9.71	97	53 - 127	
Xylenes, Total	20.0	20.7	104	80 - 120	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	92	66 - 120
Dibromofluoromethane (Surr)	99	75 - 121
1,2-Dichloroethane-d4 (Surr)	102	63 - 129
Toluene-d8 (Surr)	97	74 - 120

DATA REPORTING QUALIFIERS

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	*	LCS or LCSD 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.

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-131072					
LCS 240-131072/4	Lab Control Sample	T	Water	8260B	
MB 240-131072/5	Method Blank	T	Water	8260B	
240-37120-1	DW004/050814	T	Water	8260B	
240-37120-2	DCINFLOW/050814	T	Water	8260B	
Analysis Batch:240-131184					
LCS 240-131184/4	Lab Control Sample	T	Water	8260B	
MB 240-131184/6	Method Blank	T	Water	8260B	
240-37120-11	DCOUTFLOW/050814	T	Water	8260B	
240-37120-12TB	TB03/050814	T	Water	8260B	
Analysis Batch:240-131334					
LCS 240-131334/4	Lab Control Sample	T	Water	8260B	
MB 240-131334/6	Method Blank	T	Water	8260B	
240-37120-5	MW509A/050814	T	Water	8260B	
240-37120-6	MW509B/050814	T	Water	8260B	
240-37120-7	MW510A/050814	T	Water	8260B	
240-37120-8	MW510B/050814	T	Water	8260B	
240-37120-10	MW508B/050814	T	Water	8260B	
Analysis Batch:240-131527					
LCS 240-131527/4	Lab Control Sample	T	Water	8260B	
MB 240-131527/6	Method Blank	T	Water	8260B	
240-37120-3	MW505B/050814	T	Water	8260B	
240-37120-4	MW505A/050814	T	Water	8260B	
240-37120-9	MW508/050814	T	Water	8260B	

Report Basis

T = Total

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Laboratory Chronicle

Lab ID: 240-37120-1 **Client ID:** DW004/050814

Sample Date/Time: 05/08/2014 09:20 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-1		240-131072		05/17/2014 15:19	1	TAL CAN	LEE
A:8260B	240-37120-B-1		240-131072		05/17/2014 15:19	1	TAL CAN	LEE

Lab ID: 240-37120-2 **Client ID:** DCINFLOW/050814

Sample Date/Time: 05/08/2014 09:30 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-2		240-131072		05/17/2014 15:42	1	TAL CAN	LEE
A:8260B	240-37120-B-2		240-131072		05/17/2014 15:42	1	TAL CAN	LEE

Lab ID: 240-37120-3 **Client ID:** MW505B/050814

Sample Date/Time: 05/08/2014 10:15 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-C-3		240-131527		05/21/2014 15:32	33.33	TAL CAN	LRW
A:8260B	240-37120-C-3		240-131527		05/21/2014 15:32	33.33	TAL CAN	LRW

Lab ID: 240-37120-4 **Client ID:** MW505A/050814

Sample Date/Time: 05/08/2014 10:15 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-C-4		240-131527		05/21/2014 15:54	6.67	TAL CAN	LRW
A:8260B	240-37120-C-4		240-131527		05/21/2014 15:54	6.67	TAL CAN	LRW

Lab ID: 240-37120-5 **Client ID:** MW509A/050814

Sample Date/Time: 05/08/2014 10:45 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-C-5		240-131334		05/20/2014 17:23	1	TAL CAN	LRW
A:8260B	240-37120-C-5		240-131334		05/20/2014 17:23	1	TAL CAN	LRW

Lab ID: 240-37120-6 **Client ID:** MW509B/050814

Sample Date/Time: 05/08/2014 10:50 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-6		240-131334		05/20/2014 17:45	1	TAL CAN	LRW
A:8260B	240-37120-B-6		240-131334		05/20/2014 17:45	1	TAL CAN	LRW

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

Laboratory Chronicle

Lab ID: 240-37120-7 **Client ID:** MW510A/050814

Sample Date/Time: 05/08/2014 11:00 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-7		240-131334		05/20/2014 18:08	1	TAL CAN	LRW
A:8260B	240-37120-B-7		240-131334		05/20/2014 18:08	1	TAL CAN	LRW

Lab ID: 240-37120-8 **Client ID:** MW510B/050814

Sample Date/Time: 05/08/2014 11:20 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-8		240-131334		05/20/2014 18:31	1	TAL CAN	LRW
A:8260B	240-37120-B-8		240-131334		05/20/2014 18:31	1	TAL CAN	LRW

Lab ID: 240-37120-9 **Client ID:** MW508/050814

Sample Date/Time: 05/08/2014 11:45 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-C-9		240-131527		05/21/2014 16:17	2.5	TAL CAN	LRW
A:8260B	240-37120-C-9		240-131527		05/21/2014 16:17	2.5	TAL CAN	LRW

Lab ID: 240-37120-10 **Client ID:** MW508B/050814

Sample Date/Time: 05/08/2014 12:00 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-10		240-131334		05/20/2014 19:16	1	TAL CAN	LRW
A:8260B	240-37120-B-10		240-131334		05/20/2014 19:16	1	TAL CAN	LRW

Lab ID: 240-37120-11 **Client ID:** DCOUTFLOW/050814

Sample Date/Time: 05/08/2014 12:30 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-11		240-131184		05/19/2014 20:06	1	TAL CAN	LRW
A:8260B	240-37120-B-11		240-131184		05/19/2014 20:06	1	TAL CAN	LRW

Lab ID: 240-37120-12 **Client ID:** TB03/050814

Sample Date/Time: 05/08/2014 00:00 Received Date/Time: 05/09/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-37120-B-12		240-131184		05/19/2014 20:29	1	TAL CAN	LRW
A:8260B	240-37120-B-12		240-131184		05/19/2014 20:29	1	TAL CAN	LRW

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-37120-1

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 240-131072/5		240-131072		05/17/2014 12:35	1	TAL CAN	LEE
A:8260B	MB 240-131072/5		240-131072		05/17/2014 12:35	1	TAL CAN	LEE
P:5030B	MB 240-131184/6		240-131184		05/19/2014 13:37	1	TAL CAN	LRW
A:8260B	MB 240-131184/6		240-131184		05/19/2014 13:37	1	TAL CAN	LRW
P:5030B	MB 240-131334/6		240-131334		05/20/2014 12:03	1	TAL CAN	LRW
A:8260B	MB 240-131334/6		240-131334		05/20/2014 12:03	1	TAL CAN	LRW
P:5030B	MB 240-131527/6		240-131527		05/21/2014 11:55	1	TAL CAN	LRW
A:8260B	MB 240-131527/6		240-131527		05/21/2014 11:55	1	TAL CAN	LRW

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 240-131072/4		240-131072		05/17/2014 11:25	1	TAL CAN	LEE
A:8260B	LCS 240-131072/4		240-131072		05/17/2014 11:25	1	TAL CAN	LEE
P:5030B	LCS 240-131184/4		240-131184		05/19/2014 12:51	1	TAL CAN	LRW
A:8260B	LCS 240-131184/4		240-131184		05/19/2014 12:51	1	TAL CAN	LRW
P:5030B	LCS 240-131334/4		240-131334		05/20/2014 11:18	1	TAL CAN	LRW
A:8260B	LCS 240-131334/4		240-131334		05/20/2014 11:18	1	TAL CAN	LRW
P:5030B	LCS 240-131527/4		240-131527		05/21/2014 11:10	1	TAL CAN	LRW
A:8260B	LCS 240-131527/4		240-131527		05/21/2014 11:10	1	TAL CAN	LRW

Lab References:

TAL CAN = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM50IS_00038	07/08/14	01/08/14	MEOH, Lot 38701	50 mL	VMSTM520_00017	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.VMSTM520_00017	12/31/14	Ultra Scientific, Lot CH-3660			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00144	03/18/14	03/11/14	MEOH, Lot 0000049909	2 mL	vm50ss_stk_00059	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00059	06/06/14	12/12/13	MEOH, Lot 0000049909	200 mL	VM567650_00017	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00017	02/28/18	Restek, Lot A093505			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00059	06/06/14	12/12/13	MEOH, Lot 0000049909	200 mL	VM567650_00017	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00017	02/28/18	Restek, Lot A093505			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00060	10/10/14	04/10/14	MEOH, Lot 0000049909	200 mL	VM567650_00017	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00017	02/28/18	Restek, Lot A093505			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VMAROLISTDW_00039	03/15/14	03/08/14	MEOH, Lot na	3 mL	VMACROLSTD_00010	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00010	03/28/14	02/28/14	MEOH, Lot 0000049909	20 mL	VM567644_00027	1 mL	Acrolein	250 ug/mL
..VM567644_00027	05/31/14	Restek, Lot A0100485			(Purchased Reagent)		Acrolein	5000 ug/mL
VMAROLISTDW_00047	05/11/14	05/04/14	MEOH, Lot na	3 mL	VMACROLSTD_00012	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00012	05/26/14	04/26/14	MEOH, Lot 0000049909	20 mL	VM567644_00027	1 mL	Acrolein	250 ug/mL
..VM567644_00027	05/31/14	Restek, Lot A0100485			(Purchased Reagent)		Acrolein	5000 ug/mL
VMAROLISTDW_00048	05/19/14	05/12/14	MEOH, Lot na	3 mL	VMACROLSTD_00012	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00012	05/26/14	04/26/14	MEOH, Lot 0000049909	20 mL	VM567644_00027	1 mL	Acrolein	250 ug/mL
..VM567644_00027	05/31/14	Restek, Lot A0100485			(Purchased Reagent)		Acrolein	5000 ug/mL
VMAROLISTDW_00049	05/26/14	05/20/14	MEOH, Lot na	3 mL	VMACROLSTD_00012	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00012	05/26/14	04/26/14	MEOH, Lot 0000049909	20 mL	VM567644_00027	1 mL	Acrolein	250 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM567644_00027	05/31/14	Restek, Lot A0100485			(Purchased Reagent)		Acrolein	5000 ug/mL
vmCLhexstk_00011	05/09/14	01/29/14	MEOH, Lot 49909	20 mL	vmepa1208_00004	1 mL	1-Chlorohexane	50 ug/mL
.vmepa1208_00004	05/31/15	ultra scientific, Lot cj-1332			(Purchased Reagent)		1-Chlorohexane	1000 ug/mL
VMFASA9W_00014	05/16/14	05/09/14	MEOH, Lot NA	2 mL	VMFASA9_00002	2 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
.VMFASA9_00002	08/31/14	04/11/14	MEOH, Lot 0000049909	100 mL	vm567647S_00001	2.5 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
..vm567647S_00001	08/31/14	restek, Lot A093665			(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Chloroprene	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							Propionitrile	20000 ug/mL
VMFASAW_00023	03/15/14	03/08/14	MEOH, Lot NA	2 mL	VMFASA_00006	2 mL	Acrolein	250 ug/mL
.VMFASA_00006	03/28/14	02/28/14	MEOH, Lot 0000049909	50 mL	VM567644S_00039	2.5 mL	Acrolein	250 ug/mL
..VM567644S_00039	05/31/14	Restek, Lot A0100586			(Purchased Reagent)		Acrolein	5000 ug/mL
VMFASAW_00032	05/17/14	05/10/14	MEOH, Lot NA	2 mL	VMFASA_00008	2 mL	Acrolein	250 ug/mL
.VMFASA_00008	05/26/14	04/26/14	MEOH, Lot 0000049909	50 mL	VM567644S_00039	2.5 mL	Acrolein	250 ug/mL
..VM567644S_00039	05/31/14	Restek, Lot A0100586			(Purchased Reagent)		Acrolein	5000 ug/mL
VMFASAW_00033	05/25/14	05/18/14	MEOH, Lot NA	2 mL	VMFASA_00008	2 mL	Acrolein	250 ug/mL
.VMFASA_00008	05/26/14	04/26/14	MEOH, Lot 0000049909	50 mL	VM567644S_00039	2.5 mL	Acrolein	250 ug/mL
..VM567644S_00039	05/31/14	Restek, Lot A0100586			(Purchased Reagent)		Acrolein	5000 ug/mL
VMFASGW_00023	03/11/14	03/04/14	MEOH, Lot NA	2 mL	VMFASG_00012	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00012	04/04/14	03/04/14	MEOH, Lot 0000049909	50 mL	VM567645S_00015	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00015	08/31/15	Restek, Lot A097497			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VMFASGW_00024	03/18/14	03/11/14	MEOH, Lot NA	2 mL	VMFASG_00012	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00012	04/04/14	03/04/14	MEOH, Lot 0000049909	50 mL	VM567645S_00015	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00015	08/31/15		Restek, Lot A097497		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00034	05/17/14	05/10/14	MEOH, Lot NA	2 mL	VMFASG_00014	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00014	06/02/14	05/02/14	MEOH, Lot 0000049909	50 mL	VM567645S_00015	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00015	08/31/15		Restek, Lot A097497		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00035	05/23/14	05/16/14	MEOH, Lot NA	2 mL	VMFASG_00015	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00015	06/16/14	05/16/14	MEOH, Lot 0000049909	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	50 ug/mL
..VM567645S_00016	11/30/15	Restek, Lot A099261			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASPW_00025	03/11/14	03/04/14	MEOH, Lot NA	2 mL	VMRFASP_00005	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFASP_00005	03/17/14	02/17/14	MEOH, Lot 0000049909	100 mL	VM567641S_00005	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00003	1 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	100 ug/mL
					VM567646S_00005	1 mL	Vinyl acetate	40 ug/mL
..VM567641S_00005	02/29/16	Restek, Lot A093733			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00003	02/29/16	Restek, Lot A093472			(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646S_00005	07/31/14	Restek, Lot A0100444			(Purchased Reagent)		Vinyl acetate	4000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VMFASPW_00026	03/17/14	03/11/14	MEOH, Lot NA	2 mL	VMRFASP_00005	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFASP_00005	03/17/14	02/17/14	MEOH, Lot 0000049909	100 mL	VM567641S_00005	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00003	1 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567646S_00005	1 mL	Vinyl acetate	40 ug/mL
..VM567641S_00005	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00003	02/29/16	Restek, Lot A093472			(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646S_00005	07/31/14	Restek, Lot A0100444			(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMFASPW_00034	05/17/14	05/10/14	MEOH, Lot NA	2 mL	VMRFASP_00007	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFASP_00007	07/17/14	04/17/14	MEOH, Lot 0000049909	100 mL	VM567641S_00005	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567646S_00005	1 mL	Vinyl acetate	40 ug/mL
..VM567641S_00005	02/29/16	Restek, Lot A093733			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646S_00005	07/31/14		Restek, Lot A0100444		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMFASPW_00035	05/25/14	05/18/14	MEOH, Lot NA	2 mL	VMRFASP_00007	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFASP_00007	07/17/14	04/17/14	MEOH, Lot 0000049909	100 mL	VM567641S_00005	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567646S_00005	1 mL	Vinyl acetate	40 ug/mL
..VM567641S_00005	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646S_00005	07/31/14		Restek, Lot A0100444		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRA9W_00047	03/17/14	03/10/14	MEOH, Lot NA	1 mL	VMRA9_00007	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL
							Chloroprene	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Cyclohexanone	500 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
.VMRA9_00007	05/13/14	02/13/14	MEOH, Lot +181530000049909JN	50 mL	vm567647_00008	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroprene	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VM567648_00011	1.25 mL	Cyclohexanone	500 ug/mL
					vm567719_00008	0.5 mL	2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
					vm567719_00009	1 mL	2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
					vm567719_00016	1 mL	2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
..vm567647_00008	08/31/14		restek, Lot A093634		(Purchased Reagent)		1,2,3-Trimethylbenzene	2000 ug/mL
							1,3,5-Trichlorobenzene	2000 ug/mL
							2-Nitropropane	4000 ug/mL
							Acetonitrile	20000 ug/mL
							Benzyl chloride	2000 ug/mL
							Chloroprene	2000 ug/mL
							Ethyl acetate	4000 ug/mL
							Ethyl acrylate	2000 ug/mL
							Isopropyl ether	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							n-Butanol	50000 ug/mL
							n-Butyl acetate	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
..VM567648_00011	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..vm567719_00008	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
..vm567719_00009	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
..vm567719_00016	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
VMRA9W_00054	05/11/14	05/04/14	MEOH, Lot NA	1 mL	VMRA9_00007	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL
							Chloroprene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Cyclohexanone	500 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
.VMRA9_00007	05/13/14	02/13/14	MEOH, Lot +181530000049909JN	50 mL	vm567647_00008	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL
							Chloroprene	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VM567648_00011	1.25 mL	Cyclohexanone	500 ug/mL
					vm567719_00008	0.5 mL	2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
					vm567719_00009	1 mL	2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
					vm567719_00016	1 mL	2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
..vm567647_00008	08/31/14	restek, Lot A093634			(Purchased Reagent)		1,2,3-Trimethylbenzene	2000 ug/mL
							1,3,5-Trichlorobenzene	2000 ug/mL
							2-Nitropropane	4000 ug/mL
							Acetonitrile	20000 ug/mL
							Benzyl chloride	2000 ug/mL
							Chloroprene	2000 ug/mL
							Ethyl acetate	4000 ug/mL
							Ethyl acrylate	2000 ug/mL
							Isopropyl ether	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	50000 ug/mL
							n-Butyl acetate	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
..VM567648_00011	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..vm567719_00008	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
..vm567719_00009	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
..vm567719_00016	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
VMRA9W_00057	05/21/14	05/14/14	MEOH, Lot NA	1 mL	VMRA9_00008	1 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
.VMRA9_00008	08/12/14	05/12/14	MEOH, Lot +181530000049909JN	50 mL	vm567647_00004	1.25 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
..vm567647_00004	08/31/14		restek, Lot A093634		(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Chloroprene	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							Propionitrile	20000 ug/mL
VMRGAS_00046	03/14/14	03/07/14	MEOH, Lot 0000049909	10 mL	vm567645_00029	250 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00029	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRGAS_00053	05/09/14	05/02/14	MEOH, Lot 0000049909	10 mL	vm567645_00030	250 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00030	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRGAS_00054	05/17/14	05/10/14	MEOH, Lot 0000049909	10 mL	vm567645_00030	250 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00030	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRGAS_00055	05/25/14	05/18/14	MEOH, Lot 0000049909	10 mL	vm567645_00030	250 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00030	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRPRIMW_00053	03/11/14	03/04/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00007	05/31/14	12/17/13	MEOH, Lot 0000038701	50 mL	VM567641_00010	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00011	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM567643_00010	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00014	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00016	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00013	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00010	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							2-Methyl-2-propanol	20000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chlorobromomethane	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00011	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00010	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00014	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00016	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646_00013	05/31/14		Restek, Lot A099480		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRPRIMW_00054	03/18/14	03/11/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00007	05/31/14	12/17/13	MEOH, Lot 0000038701	50 mL	VM567641_00010	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00011	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00010	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00014	1 mL	2-Chloroethyl vinyl ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM567643_00016	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00013	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00010	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							2-Methyl-2-propanol	20000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chlorobromomethane	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylene Dibromide	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00011	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00010	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00014	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00016	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646_00013	05/31/14		Restek, Lot A099480		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRPRIMW_00061	05/11/14	05/04/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00007	05/31/14	12/17/13	MEOH, Lot 0000038701	50 mL	VM567641_00010	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00011	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00010	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00014	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00016	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00013	0.6 mL	Vinyl acetate	48 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM567641_00010	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							2-Methyl-2-propanol	20000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chlorobromomethane	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00011	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00010	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00014	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00016	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646_00013	05/31/14		Restek, Lot A099480		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRPRIMW_00062	05/19/14	05/12/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00007	05/31/14	12/17/13	MEOH, Lot 0000038701	50 mL	VM567641_00010	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642_00011	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567646_00013	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00010	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloroethene, Total	4000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642_00011	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646_00013	05/31/14		Restek, Lot A099480		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRPRIMW_00063	05/27/14	05/20/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00007	05/31/14	12/17/13	MEOH, Lot 0000038701	50 mL	VM567641_00010	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642_00011	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567646_00013	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00010	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloroethene, Total	4000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642_00011	02/29/16	Restek, Lot A093365			(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646_00013	05/31/14	Restek, Lot A099480			(Purchased Reagent)		Vinyl acetate	4000 ug/mL

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567641 **Lot No.:** A093581

Description : 8260 List 1 / Std #1 MegaMix

8260 List 1 / Std #1 MegaMix 1000-50,000 µg/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2016 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Diethyl ether (ethyl ether) **CAS #** 60-29-7 **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113) **CAS #** 76-13-1 **Purity** 97%	1,999.9 µg/mL	+/- 11.6279 +/- 44.2519 +/- 44.4323	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	1,1-dichloroethene **CAS #** 75-35-4 **Purity** 98%	2,000.0 µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	tert-Butanol (TBA) **CAS #** 75-65-0 **Purity** 99%	20,000.0 µg/mL	+/- 116.2756 +/- 442.5291 +/- 444.3332	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
5	Iodomethane (methyl iodide) **CAS #** 74-88-4 **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
6	Allyl chloride (3-chloropropene) **CAS #** 107-05-1 **Purity** 98%	2,000.0 µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
7	Methyl acetate **CAS #** 79-20-9 **Purity** 99%	10,000.0 µg/mL	+/- 58.1378 +/- 221.2646 +/- 222.1666	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
8	Carbon disulfide **CAS #** 75-15-0 **Purity** 98%	2,000.0 µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
9	Methylene chloride (dichloromethane) **CAS #** 75-09-2 **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

10	Acrylonitrile	20,000.0	µg/mL	+/-	116.2756	µg/mL	Gravimetric
	CAS # 107-13-1			+/-	442.5291	µg/mL	Unstressed
	Purity 99%			+/-	444.3332	µg/mL	Stressed
11	Methyl-tert-butyl ether (MTBE)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 1634-04-4			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
12	cis-1,2-Dichloroethene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 156-59-2			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
13	n-Hexane (C6)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 110-54-3			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
14	1,1-Dichloroethane	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 75-34-3			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
15	2,2-Dichloropropane	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 594-20-7			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
16	trans-1,2-Dichloroethene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 156-60-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
17	chloroform	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 67-66-3			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
18	Isobutanol (2-Methyl-1-propanol)	50,000.0	µg/mL	+/-	290.6891	µg/mL	Gravimetric
	CAS # 78-83-1			+/-	1,106.3228	µg/mL	Unstressed
	Purity 99%			+/-	1,110.8331	µg/mL	Stressed
19	Bromochloromethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 74-97-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
20	Tetrahydrofuran	4,000.0	µg/mL	+/-	23.2563	µg/mL	Gravimetric
	CAS # 109-99-9			+/-	88.5061	µg/mL	Unstressed
	Purity 99%			+/-	88.8670	µg/mL	Stressed
21	1,1,1-trichloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 71-55-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
22	Cyclohexane	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 110-82-7			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
23	1,1-Dichloropropene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 563-58-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
24	carbon tetrachloride	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 56-23-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
25	n-Heptane (C7)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 142-82-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
26	Benzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 71-43-2			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
27	1,2-Dichloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 107-06-2			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
28	Trichloroethene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 79-01-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed

29	Methylcyclohexane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-87-2			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
30	1,2-Dichloropropane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 78-87-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
31	1,4-Dioxane	40,000.0	µg/mL	+/-	232.5513	µg/mL	Gravimetric
	CAS # 123-91-1			+/-	885.0582	µg/mL	Unstressed
	Purity 99%			+/-	888.6665	µg/mL	Stressed
32	Dibromomethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 74-95-3			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
33	bromodichloromethane	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 75-27-4			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
34	cis-1,3-Dichloropropene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 10061-01-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
35	Toluene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-88-3			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
36	Ethyl methacrylate	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 97-63-2			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
37	trans-1,3-Dichloropropene	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 10061-02-6			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
38	1,1,2-Trichloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 79-00-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
39	1,3-Dichloropropane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 142-28-9			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
40	Tetrachloroethene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 127-18-4			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
41	dibromochloromethane	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 124-48-1			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
42	1,2-Dibromoethane (EDB)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 106-93-4			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
43	Chlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-90-7			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
44	1,1,1,2-Tetrachloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 630-20-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
45	m-Xylene	1,000.0	µg/mL	+/-	5.8141	µg/mL	Gravimetric
	CAS # 108-38-3			+/-	22.1265	µg/mL	Unstressed
	Purity 99%			+/-	22.2167	µg/mL	Stressed
46	p-Xylene	1,000.0	µg/mL	+/-	5.8141	µg/mL	Gravimetric
	CAS # 106-42-3			+/-	22.1265	µg/mL	Unstressed
	Purity 99%			+/-	22.2167	µg/mL	Stressed
47	o-Xylene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 95-47-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed

48	Ethylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-41-4			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
49	Styrene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-42-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
50	Isopropylbenzene (cumene)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 98-82-8			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
51	bromoform	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 75-25-2			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
52	1,1,2,2-Tetrachloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 79-34-5			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
53	1,2,3-Trichloropropane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 96-18-4			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
54	trans-1,4-dichloro-2-butene	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 110-57-6			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
55	n-Propylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 103-65-1			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
56	Bromobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-86-1			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
57	1,3,5-Trimethylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-67-8			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
58	2-Chlorotoluene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 95-49-8			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
59	4-Chlorotoluene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 106-43-4			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
60	tert-Butylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 98-06-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
61	1,2,4-Trimethylbenzene	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 95-63-6			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
62	sec-Butylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 135-98-8			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
63	4-Isopropyltoluene (p-Cymene)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 99-87-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
64	1,3-Dichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 541-73-1			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
65	1,4-Dichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 106-46-7			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
66	n-Butylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 104-51-8			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed

67	1,2-Dichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 95-50-1			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
68	1,2-Dibromo-3-chloropropane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 96-12-8			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
69	1,2,4-Trichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 120-82-1			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
70	Hexachlorobutadiene	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 87-68-3			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
71	Naphthalene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 91-20-3			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
72	1,2,3-Trichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 87-61-6			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
60m x .25mm x 1.4um
Rtx-502.2 (cat.#10916)

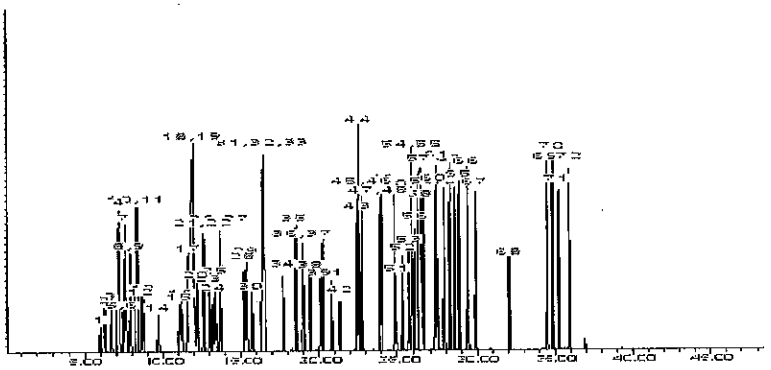
Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 6 min.) to 240°C
@ 6°C/min. (hold 10 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD



Jennifer L. Pollino
Jennifer L. Pollino - QC Analyst

Date Passed: 01-Mar-2013 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

2

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567641.sec **Lot No.:** A093733

Description : 8260 List 1 / Std #1 MegaMix

8260 List 1 / Std #1 MegaMix 1,000-50,000 µg/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2016 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Diethyl ether (ethyl ether) **CAS #** 60-29-7.SEC **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113) **CAS #** 76-13-1.SEC **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	1,1-Dichloroethene **CAS #** 75-35-4.SEC **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	tert-Butanol (TBA) **CAS #** 75-65-0.SEC **Purity** 99%	20,000.0 µg/mL	+/- 116.2756 +/- 442.5291 +/- 444.3332	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
5	Iodomethane (methyl iodide) **CAS #** 74-88-4.SEC **Purity** 97%	2,000.0 µg/mL	+/- 11.6284 +/- 44.2540 +/- 44.4344	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
6	Allyl chloride (3-chloropropene) **CAS #** 107-05-1.SEC **Purity** 98%	2,000.0 µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
7	Methyl acetate **CAS #** 79-20-9.SEC **Purity** 99%	10,000.0 µg/mL	+/- 58.1378 +/- 221.2646 +/- 222.1666	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
8	Carbon disulfide **CAS #** 75-15-0.SEC **Purity** 98%	2,000.0 µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
9	Methylene chloride (dichloromethane) **CAS #** 75-09-2.SEC **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

10	Acrylonitrile	20,000.0	µg/mL	+/-	116.2756	µg/mL	Gravimetric
	CAS # 107-13-1.SEC			+/-	442.5291	µg/mL	Unstressed
	Purity 99%			+/-	444.3332	µg/mL	Stressed
11	Methyl-tert-butyl ether (MTBE)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 1634-04-4.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
12	cis-1,2-Dichloroethene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 156-59-2.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
13	n-Hexane (C6)	2,000.1	µg/mL	+/-	11.6286	µg/mL	Gravimetric
	CAS # 110-54-3.SEC			+/-	44.2549	µg/mL	Unstressed
	Purity 98%			+/-	44.4353	µg/mL	Stressed
14	1,1-Dichloroethane	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 75-34-3.SEC			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
15	2,2-Dichloropropane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 594-20-7.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
16	trans-1,2-Dichloroethene	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 156-60-5.SEC			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
17	Chloroform	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 67-66-3.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
18	Isobutanol (2-Methyl-1-propanol)	50,000.0	µg/mL	+/-	290.6891	µg/mL	Gravimetric
	CAS # 78-83-1.SEC			+/-	1,106.3228	µg/mL	Unstressed
	Purity 99%			+/-	1,110.8331	µg/mL	Stressed
19	Bromochloromethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 74-97-5.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
20	Tetrahydrofuran	4,000.0	µg/mL	+/-	23.2563	µg/mL	Gravimetric
	CAS # 109-99-9.SEC			+/-	88.5061	µg/mL	Unstressed
	Purity 99%			+/-	88.8670	µg/mL	Stressed
21	1,1,1-Trichloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 71-55-6.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
22	Cyclohexane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 110-82-7.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
23	1,1-Dichloropropene	2,010.5	µg/mL	+/-	11.6890	µg/mL	Gravimetric
	CAS # 563-58-6.SEC			+/-	44.4847	µg/mL	Unstressed
	Purity 98%			+/-	44.6661	µg/mL	Stressed
24	Carbon tetrachloride	2,000.1	µg/mL	+/-	11.6286	µg/mL	Gravimetric
	CAS # 56-23-5.SEC			+/-	44.2549	µg/mL	Unstressed
	Purity 98%			+/-	44.4353	µg/mL	Stressed
25	n-Heptane (C7)	2,000.1	µg/mL	+/-	11.6288	µg/mL	Gravimetric
	CAS # 142-82-5.SEC			+/-	44.2553	µg/mL	Unstressed
	Purity 99%			+/-	44.4357	µg/mL	Stressed
26	Benzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 71-43-2.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
27	1,2-Dichloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 107-06-2.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
28	Trichloroethene	2,000.1	µg/mL	+/-	11.6286	µg/mL	Gravimetric
	CAS # 79-01-6.SEC			+/-	44.2549	µg/mL	Unstressed
	Purity 98%			+/-	44.4353	µg/mL	Stressed

29	Methylcyclohexane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-87-2.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
30	1,2-Dichloropropane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 78-87-5.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
31	1,4-Dioxane	40,000.0	µg/mL	+/-	232.5513	µg/mL	Gravimetric
	CAS # 123-91-1.SEC			+/-	885.0582	µg/mL	Unstressed
	Purity 99%			+/-	888.6665	µg/mL	Stressed
32	Dibromomethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 74-95-3.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
33	Bromodichloromethane	2,000.1	µg/mL	+/-	11.6290	µg/mL	Gravimetric
	CAS # 75-27-4.SEC			+/-	44.2562	µg/mL	Unstressed
	Purity 97%			+/-	44.4366	µg/mL	Stressed
34	cis-1,3-Dichloropropene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 10061-01-5.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
35	Toluene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-88-3.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
36	Ethyl methacrylate	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 97-63-2.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
37	trans-1,3-Dichloropropene	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 10061-02-6.SEC			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
38	1,1,2-Trichloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 79-00-5.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
39	1,3-Dichloropropane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 142-28-9.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
40	Tetrachloroethene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 127-18-4.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
41	Dibromochloromethane	2,000.1	µg/mL	+/-	11.6290	µg/mL	Gravimetric
	CAS # 124-48-1.SEC			+/-	44.2562	µg/mL	Unstressed
	Purity 97%			+/-	44.4366	µg/mL	Stressed
42	1,2-Dibromoethane (EDB)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 106-93-4.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
43	Chlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-90-7.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
44	1,1,1,2-Tetrachloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 630-20-6.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
45	m-Xylene	1,000.0	µg/mL	+/-	5.8141	µg/mL	Gravimetric
	CAS # 108-38-3.SEC			+/-	22.1265	µg/mL	Unstressed
	Purity 99%			+/-	22.2167	µg/mL	Stressed
46	p-Xylene	1,000.0	µg/mL	+/-	5.8141	µg/mL	Gravimetric
	CAS # 106-42-3.SEC			+/-	22.1265	µg/mL	Unstressed
	Purity 99%			+/-	22.2167	µg/mL	Stressed
47	o-Xylene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 95-47-6.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed

48	Ethylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-41-4.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
49	Styrene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-42-5.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
50	Isopropylbenzene (cumene)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 98-82-8.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
51	Bromoform	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 75-25-2.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
52	1,1,2,2-Tetrachloroethane	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 79-34-5.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
53	1,2,3-Trichloropropane	2,000.0	µg/mL	+/-	11.6281	µg/mL	Gravimetric
	CAS # 96-18-4.SEC			+/-	44.2527	µg/mL	Unstressed
	Purity 98%			+/-	44.4331	µg/mL	Stressed
54	trans-1,4-Dichloro-2-butene	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 110-57-6.SEC			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
55	n-Propylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 103-65-1.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
56	Bromobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-86-1.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
57	1,3,5-Trimethylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-67-8.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
58	2-Chlorotoluene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 95-49-8.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
59	4-Chlorotoluene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 106-43-4.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
60	tert-Butylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 98-06-6.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
61	1,2,4-Trimethylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 95-63-6.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
62	sec-Butylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 135-98-8.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
63	4-Isopropyltoluene (p-cymene)	2,000.1	µg/mL	+/-	11.6285	µg/mL	Gravimetric
	CAS # 99-87-6.SEC			+/-	44.2545	µg/mL	Unstressed
	Purity 96%			+/-	44.4349	µg/mL	Stressed
64	1,3-Dichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 541-73-1.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
65	1,4-Dichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 106-46-7.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
66	n-Butylbenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 104-51-8.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed

67	1,2-Dichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 95-50-1.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
68	1,2-Dibromo-3-chloropropane	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 96-12-8.SEC			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
69	1,2,4-Trichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 120-82-1.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
70	Hexachlorobutadiene	2,000.0	µg/mL	+/-	11.6284	µg/mL	Gravimetric
	CAS # 87-68-3.SEC			+/-	44.2540	µg/mL	Unstressed
	Purity 97%			+/-	44.4344	µg/mL	Stressed
71	Naphthalene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 91-20-3.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed
72	1,2,3-Trichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 87-61-6.SEC			+/-	44.2531	µg/mL	Unstressed
	Purity 99%			+/-	44.4335	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
60m x .25mm x 1.4um
Rtx-502.2 (cat.#10916)

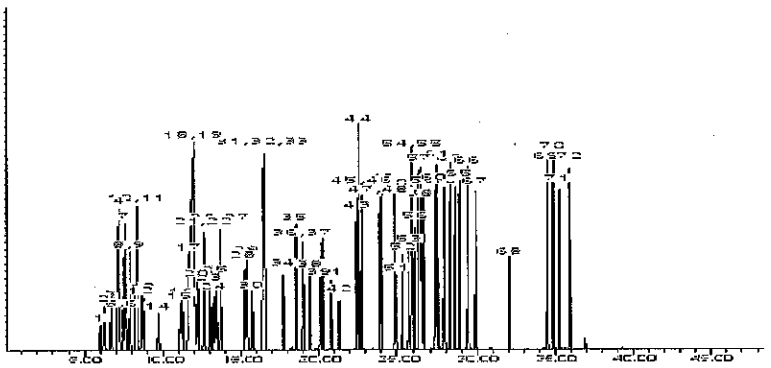
Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 6 min.) to 240°C
@ 6°C/min. (hold 10 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD



Jennifer L Pollino
Jennifer L. Pollino - QC Analyst

Date Passed: 01-Mar-2013 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567642 **Lot No.:** A093365

Description : 8260 List 1 / Std #2 Ketones

8260 List 1 / Std #2 Ketones 10,000 ug/ml, P&T Methanol/Water (90:10), 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2016 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone **CAS #** 67-64-1 **Purity** 99%	10,000.0 µg/mL	+/- 58.1378 +/- 798.6896 +/- 799.0807	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	2-Butanone (MEK) **CAS #** 78-93-3 **Purity** 99%	10,000.0 µg/mL	+/- 58.1378 +/- 798.6896 +/- 799.0807	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	4-Methyl-2-pentanone (MIBK) **CAS #** 108-10-1 **Purity** 99%	10,000.0 µg/mL	+/- 58.1378 +/- 798.6896 +/- 799.0807	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	2-Hexanone **CAS #** 591-78-6 **Purity** 99%	10,000.0 µg/mL	+/- 58.1378 +/- 798.6896 +/- 799.0807	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

2

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Composition

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567642.sec **Lot No.:** A093472

Description : 8260 List 1 / Std #2 Ketones

8260/624 Ketones Standard 10,000 ug/ml, P&T Methanol/Water (90:10), 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2016 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 67-64-1.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed
2	2-Butanone (MEK)	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 78-93-3.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed
3	4-Methyl-2-pentanone (MIBK)	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 108-10-1.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed
4	2-Hexanone	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 591-78-6.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

2

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Composition

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567642.sec **Lot No.:** A093472

Description : 8260 List 1 / Std #2 Ketones

8260/624 Ketones Standard 10,000 ug/ml, P&T Methanol/Water (90:10), 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2016 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 67-64-1.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed
2	2-Butanone (MEK)	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 78-93-3.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed
3	4-Methyl-2-pentanone (MIBK)	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 108-10-1.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed
4	2-Hexanone	10,000.0 µg/mL	+/- 58.1409	µg/mL	Gravimetric
	CAS # 591-78-6.SEC		+/- 798.6898	µg/mL	Unstressed
	Purity 99%		+/- 799.0809	µg/mL	Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

RESTEK CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Composition

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567643 **Lot No.:** A092294

Description : 8260 List 1 / Std #4 2-Chloroethylvinyl Ether

8260 List 1 / Std #4 2-Chloroethylvinyl Ether 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Chloroethyl vinyl ether	2,000.0 µg/mL	+/- 11.7371	µg/mL	Gravimetric
	CAS # 110-75-8 (Lot MKBK2735V)		+/- 44.2818	µg/mL	Unstressed
	Purity 99%		+/- 44.4621	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

RESTEK CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Composition

ACCREDITED ISO Guide 34 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567643 **Lot No.:** A092294

Description : 8260 List 1 / Std #4 2-Chloroethylvinyl Ether

8260 List 1 / Std #4 2-Chloroethylvinyl Ether 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Chloroethyl vinyl ether **CAS #** 110-75-8 (Lot MKBK2735V) **Purity** 99%	2,000.0 µg/mL	+/- 11.7371 µg/mL +/- 44.2818 µg/mL +/- 44.4621 µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

RESTEK CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Composition

ACCREDITED ISO Guide 34 Accredited Reference Material Producer Certificate 63222.01

ilac-MRA

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567643 **Lot No.:** A092294

Description : 8260 List 1 / Std #4 2-Chloroethylvinyl Ether

8260 List 1 / Std #4 2-Chloroethylvinyl Ether 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Chloroethyl vinyl ether	2,000.0 µg/mL	+/- 11.7371	µg/mL	Gravimetric
	CAS # 110-75-8 (Lot MKBK2735V)		+/- 44.2818	µg/mL	Unstressed
	Purity 99%		+/- 44.4621	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Rec: 1/21/14

RESTEK® CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

Certificate of Analysis

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567644 **Lot No.:** A0100485

Description : 8260 List 1 / Std # 5 Acrolein

8260 List 1 / Std # 5 Acrolein 5000 ug/ml, Water, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2014 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound			Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Acrolein			5,031.0 µg/mL	+/-	29.5247	µg/mL	Gravimetric
	CAS #	107-02-8	(Lot 130830JLM)		+/-	161.3219	µg/mL	Unstressed
	Purity	99%			+/-	187.5154	µg/mL	Stressed

Solvent: Water
CAS # 7732-18-5
Purity 99%

RESTEK® CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567644.sec **Lot No.:** A0100586

Description : 8260 List 1 / Std # 5 Acrolein

8260 List 1 / Std # 5 Acrolein 5,000 ug/ml, Water, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2014 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound			Grav. Conc. (weight/volume)		Expanded Uncertainty (95% C.L.; K=2)			
1	Acrolein			5,004.0	µg/mL	+/-	29.3663	µg/mL	Gravimetric
	CAS #	107-02-8.SEC	(Lot 2089700)			+/-	160.4562	µg/mL	Unstressed
	Purity	99%				+/-	186.5091	µg/mL	Stressed

Solvent: Water
CAS # 7732-18-5
Purity 99%

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

8

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3232.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3232.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567645 **Lot No.:** A093341

Description : 8260 List 1 / Std #3 Gases

8260 List 1 / Std #3 Gases 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dichlorodifluoromethane (CFC-12)	2,000.0 µg/mL	+/- 13.8716	µg/mL	Gravimetric
	CAS # 75-71-8		+/- 25.2661	µg/mL	Unstressed
	Purity 99%		+/- 28.2336	µg/mL	Stressed
2	Chloromethane (methyl chloride)	1,999.8 µg/mL	+/- 13.9993	µg/mL	Gravimetric
	CAS # 74-87-3		+/- 25.3348	µg/mL	Unstressed
	Purity 99%		+/- 28.2945	µg/mL	Stressed
3	Vinyl chloride	2,000.1 µg/mL	+/- 13.9625	µg/mL	Gravimetric
	CAS # 75-01-4		+/- 25.3168	µg/mL	Unstressed
	Purity 99%		+/- 28.2792	µg/mL	Stressed
4	1,3-Butadiene	2,000.0 µg/mL	+/- 13.3773	µg/mL	Gravimetric
	CAS # 106-99-0		+/- 24.9981	µg/mL	Unstressed
	Purity 99%		+/- 27.9940	µg/mL	Stressed
5	Bromomethane (methyl bromide)	2,000.1 µg/mL	+/- 14.2856	µg/mL	Gravimetric
	CAS # 74-83-9		+/- 25.4963	µg/mL	Unstressed
	Purity 99%		+/- 28.4399	µg/mL	Stressed
6	Chloroethane (ethyl chloride)	2,000.0 µg/mL	+/- 13.2200	µg/mL	Gravimetric
	CAS # 75-00-3		+/- 24.9143	µg/mL	Unstressed
	Purity 99%		+/- 27.9191	µg/mL	Stressed
7	Dichlorofluoromethane (CFC-21)	2,000.0 µg/mL	+/- 13.5174	µg/mL	Gravimetric
	CAS # 75-43-4		+/- 25.0735	µg/mL	Unstressed
	Purity 99%		+/- 28.0614	µg/mL	Stressed
8	Trichlorofluoromethane (CFC-11)	1,999.9 µg/mL	+/- 13.1170	µg/mL	Gravimetric
	CAS # 75-69-4		+/- 24.8590	µg/mL	Unstressed
	Purity 99%		+/- 27.8696	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

8

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3232.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3232.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567645 **Lot No.:** A093341

Description : 8260 List 1 / Std #3 Gases

8260 List 1 / Std #3 Gases 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dichlorodifluoromethane (CFC-12) **CAS #** 75-71-8 **Purity** 99%	2,000.0 µg/mL	+/- 13.8716 +/- 25.2661 +/- 28.2336	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	Chloromethane (methyl chloride) **CAS #** 74-87-3 **Purity** 99%	1,999.8 µg/mL	+/- 13.9993 +/- 25.3348 +/- 28.2945	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	Vinyl chloride **CAS #** 75-01-4 **Purity** 99%	2,000.1 µg/mL	+/- 13.9625 +/- 25.3168 +/- 28.2792	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	1,3-Butadiene **CAS #** 106-99-0 **Purity** 99%	2,000.0 µg/mL	+/- 13.3773 +/- 24.9981 +/- 27.9940	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
5	Bromomethane (methyl bromide) **CAS #** 74-83-9 **Purity** 99%	2,000.1 µg/mL	+/- 14.2856 +/- 25.4963 +/- 28.4399	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
6	Chloroethane (ethyl chloride) **CAS #** 75-00-3 **Purity** 99%	2,000.0 µg/mL	+/- 13.2200 +/- 24.9143 +/- 27.9191	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
7	Dichlorofluoromethane (CFC-21) **CAS #** 75-43-4 **Purity** 99%	2,000.0 µg/mL	+/- 13.5174 +/- 25.0735 +/- 28.0614	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
8	Trichlorofluoromethane (CFC-11) **CAS #** 75-69-4 **Purity** 99%	1,999.9 µg/mL	+/- 13.1170 +/- 24.8590 +/- 27.8696	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Rec: 10/10/13

RESTEK CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

Certificate of Analysis

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567645.sec **Lot No.:** A097497

Description : 8260 List 1 / Std #3 Gases

8260 List 1 / Std #3 Gases 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Dichlorodifluoromethane (CFC-12)	2,009.2 µg/mL	+/- 27.0938 µg/mL	Gravimetric
	CAS # 75-71-8.SEC (Lot 18348)		+/- 21.4697 µg/mL	Unstressed
	Purity 99%		+/- 24.9232 µg/mL	Stressed
2	Chloromethane (methyl chloride)	1,989.6 µg/mL	+/- 33.3509 µg/mL	Gravimetric
	CAS # 74-87-3.SEC (Lot 18343)		+/- 21.3216 µg/mL	Unstressed
	Purity 99%		+/- 24.7331 µg/mL	Stressed
3	Vinyl chloride	2,015.4 µg/mL	+/- 35.6394 µg/mL	Gravimetric
	CAS # 75-01-4.SEC (Lot MKBK6872V)		+/- 21.6155 µg/mL	Unstressed
	Purity 99%		+/- 25.0688 µg/mL	Stressed
4	1,3-Butadiene	1,997.0 µg/mL	+/- 20.7908 µg/mL	Gravimetric
	CAS # 106-99-0.SEC (Lot 18349)		+/- 21.2817 µg/mL	Unstressed
	Purity 99%		+/- 24.7222 µg/mL	Stressed
5	Bromomethane (methyl bromide)	1,997.0 µg/mL	+/- 41.6479 µg/mL	Gravimetric
	CAS # 74-83-9.SEC (Lot Q119-46)		+/- 21.4773 µg/mL	Unstressed
	Purity 99%		+/- 24.8911 µg/mL	Stressed
6	Chloroethane (ethyl chloride)	1,987.6 µg/mL	+/- 48.2188 µg/mL	Gravimetric
	CAS # 75-00-3.SEC (Lot Q18B-13)		+/- 21.4383 µg/mL	Unstressed
	Purity 99%		+/- 24.8273 µg/mL	Stressed
7	Dichlorofluoromethane (CFC-21)	1,993.5 µg/mL	+/- 60.2307 µg/mL	Gravimetric
	CAS # 75-43-4.SEC (Lot SHBC0858V)		+/- 21.6122 µg/mL	Unstressed
	Purity 99%		+/- 24.9964 µg/mL	Stressed
8	Trichlorofluoromethane (CFC-11)	2,001.3 µg/mL	+/- 39.9125 µg/mL	Gravimetric
	CAS # 75-69-4.SEC (Lot Q139-99)		+/- 21.5062 µg/mL	Unstressed
	Purity 99%		+/- 24.9295 µg/mL	Stressed

VM567645S_00016 Rec: 4/9/14

RESTEK® CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

Certificate of Analysis

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567645.sec **Lot No.:** A099261

Description : 8260 List 1 / Std #3 Gases

8260 List 1 / Std #3 Gases 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dichlorodifluoromethane (CFC-12)	2,002.2 µg/mL	+/- 16.7616	µg/mL	Gravimetric
	CAS # 75-71-8.SEC (Lot 18348)		+/- 21.2987	µg/mL	Unstressed
	Purity 99%		+/- 24.7536	µg/mL	Stressed
2	Chloromethane (methyl chloride)	2,000.6 µg/mL	+/- 15.8216	µg/mL	Gravimetric
	CAS # 74-87-3.SEC (Lot 18343)		+/- 21.2729	µg/mL	Unstressed
	Purity 99%		+/- 24.7262	µg/mL	Stressed
3	Vinyl chloride	2,001.9 µg/mL	+/- 14.6785	µg/mL	Gravimetric
	CAS # 75-01-4.SEC (Lot MKBK6872V)		+/- 21.2759	µg/mL	Unstressed
	Purity 99%		+/- 24.7329	µg/mL	Stressed
4	1,3-Butadiene	2,002.8 µg/mL	+/- 16.7307	µg/mL	Gravimetric
	CAS # 106-99-0.SEC (Lot 18349)		+/- 21.3051	µg/mL	Unstressed
	Purity 99%		+/- 24.7611	µg/mL	Stressed
5	Bromomethane (methyl bromide)	1,999.6 µg/mL	+/- 16.2313	µg/mL	Gravimetric
	CAS # 74-83-9.SEC (Lot Q119-46)		+/- 21.2671	µg/mL	Unstressed
	Purity 99%		+/- 24.7183	µg/mL	Stressed
6	Chloroethane (ethyl chloride)	2,001.0 µg/mL	+/- 14.6721	µg/mL	Gravimetric
	CAS # 75-00-3.SEC (Lot Q18B-13)		+/- 21.2666	µg/mL	Unstressed
	Purity 99%		+/- 24.7221	µg/mL	Stressed
7	Dichlorofluoromethane (CFC-21)	2,004.4 µg/mL	+/- 15.1665	µg/mL	Gravimetric
	CAS # 75-43-4.SEC (Lot SHBC0858V)		+/- 21.3071	µg/mL	Unstressed
	Purity 99%		+/- 24.7678	µg/mL	Stressed
8	Trichlorofluoromethane (CFC-11)	2,001.8 µg/mL	+/- 16.2157	µg/mL	Gravimetric
	CAS # 75-69-4.SEC (Lot Q139-99)		+/- 21.2894	µg/mL	Unstressed
	Purity 99%		+/- 24.7442	µg/mL	Stressed

Rec: 12/10/2013

RESTEK CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

ACCREDITED ISO Guide 34 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567646 **Lot No.:** A099480

Description : 8260 List 1 / Std #6 Vinyl Acetate

8260 List 1 / Std #6 Vinyl Acetate 4000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2014 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Vinyl acetate		3,994.0 µg/mL	+/- 23.4390	µg/mL	Gravimetric
	CAS # 108-05-4	(Lot 131011JLM)		+/- 318.1798	µg/mL	Unstressed
	Purity 99%			+/- 318.3364	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Re: 1/24/14

RESTEK® CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis

ACCREDITED ISO Guide 34 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567646.SEC **Lot No.:** A0100444

Description : 8260 List 1 / Std #6 Vinyl Acetate

8260 List 1 / Std #6 Vinyl Acetate 4000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2014 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Vinyl acetate	4,010.0 µg/mL	+/- 23.5329	µg/mL	Gravimetric
	CAS # 108-05-4.SEC (Lot GPTIF)		+/- 213.4273	µg/mL	Unstressed
	Purity 99%		+/- 213.6626	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567647 **Lot No.:** A093634

Description : 8260 List 2 / Std #1 Additions

8260 List 2 / Std #1 Additions 2,000-100,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 2014 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Ethanol **CAS #** 64-17-5 **Purity** 99%	100,000.0 µg/mL	+/- 581.3782 µg/mL +/- 7,986.8956 µg/mL +/- 7,990.8073 µg/mL		Gravimetric Unstressed Stressed
2	2-Propanol (isopropanol) **CAS #** 67-63-0 **Purity** 99%	20,000.0 µg/mL	+/- 116.2756 µg/mL +/- 1,597.3791 µg/mL +/- 1,598.1615 µg/mL		Gravimetric Unstressed Stressed
3	Acetonitrile **CAS #** 75-05-8 **Purity** 99%	20,000.0 µg/mL	+/- 116.2756 µg/mL +/- 1,597.3791 µg/mL +/- 1,598.1615 µg/mL		Gravimetric Unstressed Stressed
4	Diisopropyl ether (DIPE) **CAS #** 108-20-3 **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 µg/mL +/- 159.7380 µg/mL +/- 159.8162 µg/mL		Gravimetric Unstressed Stressed
5	Chloroprene (2-chloro-1,3-butadiene) **CAS #** 126-99-8 **Purity** 99%	2,000.0 µg/mL	+/- 14.2042 µg/mL +/- 159.9461 µg/mL +/- 160.0242 µg/mL		Gravimetric Unstressed Stressed
6	Ethyl-tert-butyl ether (ETBE) **CAS #** 637-92-3 **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 µg/mL +/- 159.7380 µg/mL +/- 159.8162 µg/mL		Gravimetric Unstressed Stressed
7	Propionitrile **CAS #** 107-12-0 **Purity** 99%	20,000.0 µg/mL	+/- 116.2756 µg/mL +/- 1,597.3791 µg/mL +/- 1,598.1615 µg/mL		Gravimetric Unstressed Stressed
8	Ethyl acetate **CAS #** 141-78-6 **Purity** 99%	4,000.0 µg/mL	+/- 23.2563 µg/mL +/- 319.4759 µg/mL +/- 319.6324 µg/mL		Gravimetric Unstressed Stressed
9	Methacrylonitrile **CAS #** 126-98-7 **Purity** 99%	20,000.0 µg/mL	+/- 116.2756 µg/mL +/- 1,597.3791 µg/mL +/- 1,598.1615 µg/mL		Gravimetric Unstressed Stressed

10	tert-Amyl methyl ether (TAME)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 994-05-8			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
11	1-Butanol	50,000.0	µg/mL	+/-	290.6891	µg/mL	Gravimetric
	CAS # 71-36-3			+/-	3,993.4478	µg/mL	Unstressed
	Purity 99%			+/-	3,995.4036	µg/mL	Stressed
12	Ethyl acrylate	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 140-88-5			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
13	Methyl methacrylate	4,000.0	µg/mL	+/-	23.2563	µg/mL	Gravimetric
	CAS # 80-62-6			+/-	319.4759	µg/mL	Unstressed
	Purity 99%			+/-	319.6324	µg/mL	Stressed
14	2-Nitropropane	4,000.1	µg/mL	+/-	23.2568	µg/mL	Gravimetric
	CAS # 79-46-9			+/-	319.4828	µg/mL	Unstressed
	Purity 97%			+/-	319.6393	µg/mL	Stressed
15	Butyl acetate	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 123-86-4			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
16	1,2,3-Trimethylbenzene	1,999.9	µg/mL	+/-	11.6279	µg/mL	Gravimetric
	CAS # 526-73-8			+/-	159.7336	µg/mL	Unstressed
	Purity 97%			+/-	159.8119	µg/mL	Stressed
17	Benzyl chloride	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-44-7			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
18	1,3,5-Trichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-70-3			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
105m x .53mm x 3.0um
Rtx-502.2 (cat.# 10910)

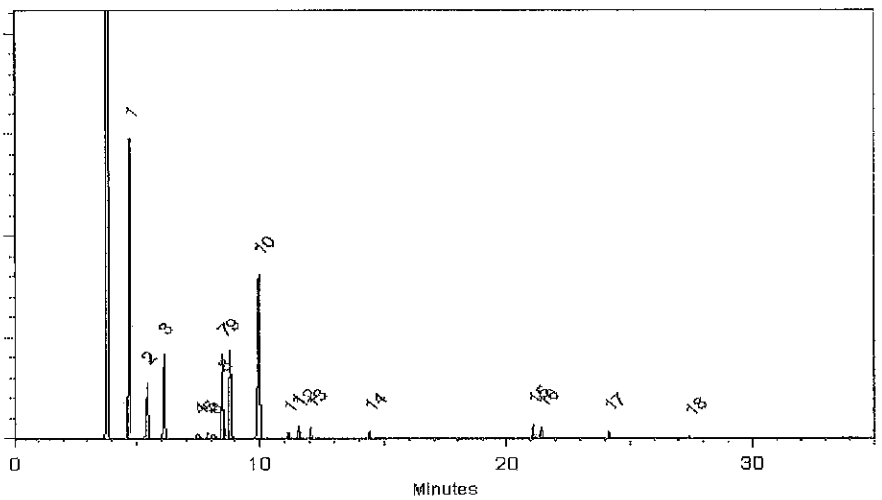
Carrier Gas:
hydrogen-constant pressure 11 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 25 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



Jennifer L. Pollino - QC Analyst

Date Passed: 21-Feb-2013 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567647 **Lot No.:** A093634

Description : 8260 List 2 / Std #1 Additions

8260 List 2 / Std #1 Additions 2,000-100,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 2014 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Ethanol	100,000.0 µg/mL	+/-	581.3782	µg/mL	Gravimetric
	CAS # 64-17-5		+/-	7,986.8956	µg/mL	Unstressed
	Purity 99%		+/-	7,990.8073	µg/mL	Stressed
2	2-Propanol (isopropanol)	20,000.0 µg/mL	+/-	116.2756	µg/mL	Gravimetric
	CAS # 67-63-0		+/-	1,597.3791	µg/mL	Unstressed
	Purity 99%		+/-	1,598.1615	µg/mL	Stressed
3	Acetonitrile	20,000.0 µg/mL	+/-	116.2756	µg/mL	Gravimetric
	CAS # 75-05-8		+/-	1,597.3791	µg/mL	Unstressed
	Purity 99%		+/-	1,598.1615	µg/mL	Stressed
4	Diisopropyl ether (DIPE)	2,000.0 µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-20-3		+/-	159.7380	µg/mL	Unstressed
	Purity 99%		+/-	159.8162	µg/mL	Stressed
5	Chloroprene (2-chloro-1,3-butadiene)	2,000.0 µg/mL	+/-	14.2042	µg/mL	Gravimetric
	CAS # 126-99-8		+/-	159.9461	µg/mL	Unstressed
	Purity 99%		+/-	160.0242	µg/mL	Stressed
6	Ethyl-tert-butyl ether (ETBE)	2,000.0 µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 637-92-3		+/-	159.7380	µg/mL	Unstressed
	Purity 99%		+/-	159.8162	µg/mL	Stressed
7	Propionitrile	20,000.0 µg/mL	+/-	116.2756	µg/mL	Gravimetric
	CAS # 107-12-0		+/-	1,597.3791	µg/mL	Unstressed
	Purity 99%		+/-	1,598.1615	µg/mL	Stressed
8	Ethyl acetate	4,000.0 µg/mL	+/-	23.2563	µg/mL	Gravimetric
	CAS # 141-78-6		+/-	319.4759	µg/mL	Unstressed
	Purity 99%		+/-	319.6324	µg/mL	Stressed
9	Methacrylonitrile	20,000.0 µg/mL	+/-	116.2756	µg/mL	Gravimetric
	CAS # 126-98-7		+/-	1,597.3791	µg/mL	Unstressed
	Purity 99%		+/-	1,598.1615	µg/mL	Stressed

10	tert-Amyl methyl ether (TAME)	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 994-05-8			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
11	1-Butanol	50,000.0	µg/mL	+/-	290.6891	µg/mL	Gravimetric
	CAS # 71-36-3			+/-	3,993.4478	µg/mL	Unstressed
	Purity 99%			+/-	3,995.4036	µg/mL	Stressed
12	Ethyl acrylate	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 140-88-5			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
13	Methyl methacrylate	4,000.0	µg/mL	+/-	23.2563	µg/mL	Gravimetric
	CAS # 80-62-6			+/-	319.4759	µg/mL	Unstressed
	Purity 99%			+/-	319.6324	µg/mL	Stressed
14	2-Nitropropane	4,000.1	µg/mL	+/-	23.2568	µg/mL	Gravimetric
	CAS # 79-46-9			+/-	319.4828	µg/mL	Unstressed
	Purity 97%			+/-	319.6393	µg/mL	Stressed
15	Butyl acetate	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 123-86-4			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
16	1,2,3-Trimethylbenzene	1,999.9	µg/mL	+/-	11.6279	µg/mL	Gravimetric
	CAS # 526-73-8			+/-	159.7336	µg/mL	Unstressed
	Purity 97%			+/-	159.8119	µg/mL	Stressed
17	Benzyl chloride	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-44-7			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed
18	1,3,5-Trichlorobenzene	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 108-70-3			+/-	159.7380	µg/mL	Unstressed
	Purity 99%			+/-	159.8162	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
105m x .53mm x 3.0um
Rtx-502.2 (cat.# 10910)

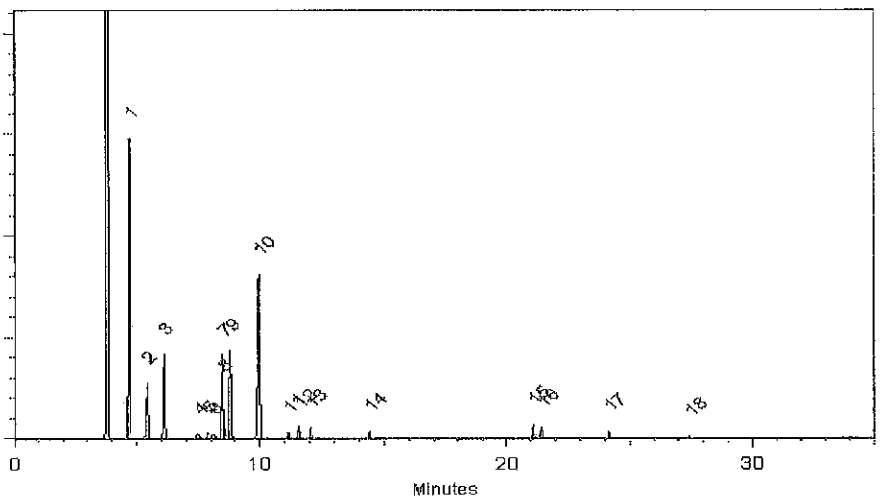
Carrier Gas:
hydrogen-constant pressure 11 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 25 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



Jennifer L. Pollino - QC Analyst

Date Passed: 21-Feb-2013 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

2

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567647.sec **Lot No.:** A093665

Description : 8260 List 2 / Std #1 Additions

8260 List 2 / Std #1 Additions 2,000-100,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 2014 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)		Expanded Uncertainty (95% C.L.; K=2)			
1	Ethanol	100,000.0	µg/mL	+/-	585.4918	µg/mL	Gravimetric
	CAS # 64-17-5.SEC			+/-	7,987.1960	µg/mL	Unstressed
	Purity 99%			+/-	7,991.1076	µg/mL	Stressed
2	2-Propanol (isopropanol)	20,000.0	µg/mL	+/-	117.1044	µg/mL	Gravimetric
	CAS # 67-63-0.SEC			+/-	1,597.4397	µg/mL	Unstressed
	Purity 99%			+/-	1,598.2220	µg/mL	Stressed
3	Acetonitrile	20,000.0	µg/mL	+/-	117.1044	µg/mL	Gravimetric
	CAS # 75-05-8.SEC			+/-	1,597.4397	µg/mL	Unstressed
	Purity 99%			+/-	1,598.2220	µg/mL	Stressed
4	Diisopropyl ether (DIPE)	2,000.0	µg/mL	+/-	11.7370	µg/mL	Gravimetric
	CAS # 108-20-3.SEC			+/-	159.7446	µg/mL	Unstressed
	Purity 98%			+/-	159.8229	µg/mL	Stressed
5	Chloroprene (2-chloro-1,3-butadiene)	2,000.0	µg/mL	+/-	26.7522	µg/mL	Gravimetric
	CAS # 126-99-8			+/-	161.5447	µg/mL	Unstressed
	Purity 99%			+/-	161.6220	µg/mL	Stressed
6	Ethyl-tert-butyl ether (ETBE)	2,000.0	µg/mL	+/-	11.7371	µg/mL	Gravimetric
	CAS # 637-92-3.SEC			+/-	159.7459	µg/mL	Unstressed
	Purity 99%			+/-	159.8242	µg/mL	Stressed
7	Propionitrile	20,000.0	µg/mL	+/-	117.1044	µg/mL	Gravimetric
	CAS # 107-12-0.SEC			+/-	1,597.4397	µg/mL	Unstressed
	Purity 99%			+/-	1,598.2220	µg/mL	Stressed
8	Ethyl acetate	4,000.0	µg/mL	+/-	23.4209	µg/mL	Gravimetric
	CAS # 141-78-6.SEC			+/-	319.4879	µg/mL	Unstressed
	Purity 99%			+/-	319.6444	µg/mL	Stressed
9	Methacrylonitrile	19,999.8	µg/mL	+/-	117.1035	µg/mL	Gravimetric
	CAS # 126-98-7.SEC			+/-	1,597.4269	µg/mL	Unstressed
	Purity 98%			+/-	1,598.2092	µg/mL	Stressed

10	tert-Amyl methyl ether (TAME)	2,000.0	µg/mL	+/-	11.7371	µg/mL	Gravimetric
	CAS # 994-05-8.SEC			+/-	159.7459	µg/mL	Unstressed
	Purity 99%			+/-	159.8242	µg/mL	Stressed
11	1-Butanol	50,000.0	µg/mL	+/-	292.7459	µg/mL	Gravimetric
	CAS # 71-36-3.SEC			+/-	3,993.5980	µg/mL	Unstressed
	Purity 99%			+/-	3,995.5538	µg/mL	Stressed
12	Ethyl acrylate	2,000.0	µg/mL	+/-	11.7371	µg/mL	Gravimetric
	CAS # 140-88-5.SEC			+/-	159.7459	µg/mL	Unstressed
	Purity 99%			+/-	159.8242	µg/mL	Stressed
13	Methyl methacrylate	4,000.0	µg/mL	+/-	23.4209	µg/mL	Gravimetric
	CAS # 80-62-6.SEC			+/-	319.4879	µg/mL	Unstressed
	Purity 99%			+/-	319.6444	µg/mL	Stressed
14	2-Nitropropane	4,000.4	µg/mL	+/-	23.4230	µg/mL	Gravimetric
	CAS # 79-46-9.SEC			+/-	319.5167	µg/mL	Unstressed
	Purity 98%			+/-	319.6732	µg/mL	Stressed
15	Butyl acetate	2,000.0	µg/mL	+/-	11.7371	µg/mL	Gravimetric
	CAS # 123-86-4.SEC			+/-	159.7459	µg/mL	Unstressed
	Purity 99%			+/-	159.8242	µg/mL	Stressed
16	1,2,3-Trimethylbenzene	2,000.0	µg/mL	+/-	11.7371	µg/mL	Gravimetric
	CAS # 526-73-8.SEC			+/-	159.7459	µg/mL	Unstressed
	Purity 99%			+/-	159.8242	µg/mL	Stressed
17	Benzyl chloride	2,000.0	µg/mL	+/-	11.7371	µg/mL	Gravimetric
	CAS # 100-44-7.SEC			+/-	159.7459	µg/mL	Unstressed
	Purity 99%			+/-	159.8242	µg/mL	Stressed
18	1,3,5-Trichlorobenzene	2,000.0	µg/mL	+/-	11.7371	µg/mL	Gravimetric
	CAS # 108-70-3.SEC			+/-	159.7459	µg/mL	Unstressed
	Purity 99%			+/-	159.8242	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
105m x .53mm x 3.0um
Rtx-502.2 (cat.# 10910)

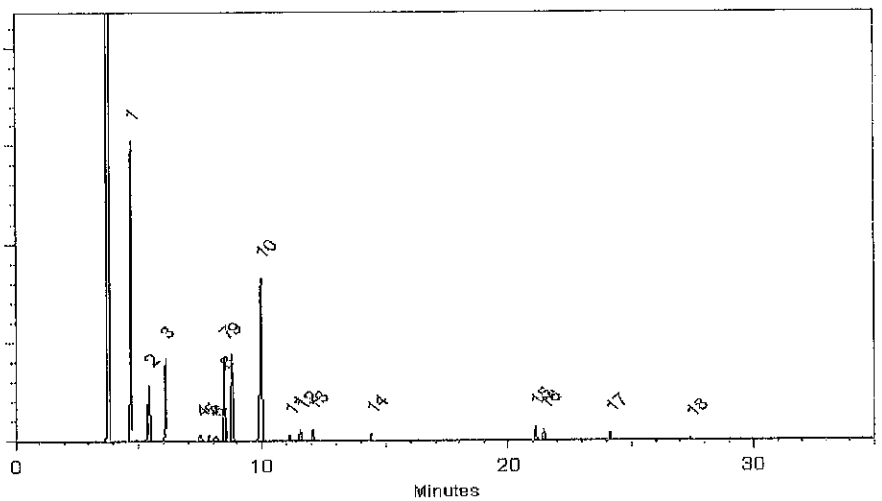
Carrier Gas:
hydrogen-constant pressure 11 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 25 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



Jennifer L. Pollino - QC Analyst

Date Passed: 21-Feb-2013 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567648 **Lot No.:** A093361

Description : 8260 List 2 / Std #3 Cyclohexanone

8260 List 2 / Std #3 Cyclohexanone 20,000 ug/ml, Water, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2016 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Cyclohexanone	20,000.0 µg/mL	+/-	116.2756	µg/mL	Gravimetric
	CAS # 108-94-1		+/-	1,597.3791	µg/mL	Unstressed
	Purity 99%		+/-	1,598.1615	µg/mL	Stressed

Solvent: Water
CAS # 7732-18-5
Purity 99%

10

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A093505

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500 ug/ml, P&T Methanol, 5 ml/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 2018 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dibromofluoromethane **CAS #** 1868-53-7 **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 +/- 30.1344 +/- 34.0022	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	1,2-Dichloroethane-d4 **CAS #** 17060-07-0 **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 +/- 30.1344 +/- 34.0022	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	Toluene-d8 **CAS #** 2037-26-5 **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 +/- 30.1344 +/- 34.0022	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	1-Bromo-4-fluorobenzene (BFB) **CAS #** 460-00-4 **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 +/- 30.1344 +/- 34.0022	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2-11

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3272.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567719 **Lot No.:** A093359

Description : 8260 List 2 / Std #2

8260 List 2 / Std #2 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Pentachloroethane **CAS #** 76-01-7 **Purity** 99%	2,000.0 µg/mL	+/- 11.6550 +/- 24.1205 +/- 27.2132	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	2-Methylnaphthalene **CAS #** 91-57-6 **Purity** 96%	1,999.9 µg/mL	+/- 11.6546 +/- 24.1196 +/- 27.2121	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2-7

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567719 **Lot No.:** A093359

Description : 8260 List 2 / Std #2

8260 List 2 / Std #2 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Pentachloroethane **CAS #** 76-01-7 **Purity** 99%	2,000.0 µg/mL	+/- 11.6550	µg/mL	Gravimetric
			+/- 24.1205	µg/mL	Unstressed
			+/- 27.2132	µg/mL	Stressed
2	2-Methylnaphthalene **CAS #** 91-57-6 **Purity** 96%	1,999.9 µg/mL	+/- 11.6546	µg/mL	Gravimetric
			+/- 24.1196	µg/mL	Unstressed
			+/- 27.2121	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2-7

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

4

ACCREDITED
ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3272.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567719 **Lot No.:** A093359

Description : 8260 List 2 / Std #2

8260 List 2 / Std #2 2,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2015 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Pentachloroethane **CAS #** 76-01-7 **Purity** 99%	2,000.0 µg/mL	+/- 11.6550 +/- 24.1205 +/- 27.2132	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	2-Methylnaphthalene **CAS #** 91-57-6 **Purity** 96%	1,999.9 µg/mL	+/- 11.6546 +/- 24.1196 +/- 27.2121	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2-7

Certificate of Analysis

11/5/12
TS

ULTRA SCIENTIFIC
Analytical Solutions

1-Chlorohexane Solution

Product Number: EPA-1208 **Page:** 1 of 1

Lot Number: CJ-1332 **Lot Issue Date:** 20-Apr-2012 **Expiration Date:** 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
1-chlorohexane	000544-10-5	RM04263	1003 ± 5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0861-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leary
Quality Assurance Manager

05/22/2014

Certificate of Analysis

6/11/12
TB

ULTRA SCIENTIFIC
Analytical Solutions

Internal Standard Mixture

Product Number: STM-520 **Page:** 1 of 1

Lot Number: CH-3660 **Lot Issue Date:** 15-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM01430-01	2503 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700-06	2500 ± 13 µg/mL
fluorobenzene	000462-06-6	RM03366-01	2513 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMSTM520_00017

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0861-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

05/22/2014

Certification Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD

TestAmerica Job ID: 240-37120-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAP	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAP	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky (UST)	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAP	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	
TestAmerica Canton	USDA	Federal		P330-13-00319
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
DW004/050814	240-37120-1	85	77	92	82
DCINFLOW/050814	240-37120-2	86	78	88	77
MW505B/050814	240-37120-3	99	106	96	84
MW505A/050814	240-37120-4	99	107	93	85
MW509A/050814	240-37120-5	102	116	89	81
MW509B/050814	240-37120-6	103	110	92	85
MW510A/050814	240-37120-7	106	114	90	84
MW510B/050814	240-37120-8	106	118	90	85
MW508/050814	240-37120-9	103	115	93	82
MW508B/050814	240-37120-10	105	114	88	83
DCOUTFLOW/050814	240-37120-11	106	106	86	95
TB03/050814	240-37120-12	105	108	85	91
	MB 240-131072/5	88	77	90	80
	MB 240-131184/6	105	110	90	87
	MB 240-131334/6	100	109	91	84
	MB 240-131527/6	98	112	91	84
	LCS 240-131072/4	83	80	95	95
	LCS 240-131184/4	98	103	93	99
	LCS 240-131334/4	99	103	97	98
	LCS 240-131527/4	99	102	97	92

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-120
BFB = 4-Bromofluorobenzene (Surr)	66-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXJ8454.D

Lab ID: LCS 240-131072/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	15.8	79	43-136	
Acrolein	50.0	46.6	93	51-170	
Acrylonitrile	100	93.6	94	66-132	
Benzene	10.0	9.86	99	80-120	
Bromodichloromethane	10.0	9.64	96	72-121	
Bromoform	10.0	8.61	86	40-131	
Bromomethane	10.0	9.82	98	11-185	
2-Butanone	20.0	15.9	80	60-126	
Carbon disulfide	10.0	10.5	105	62-142	
Carbon tetrachloride	10.0	10.3	103	66-128	
Chlorobenzene	10.0	9.27	93	80-120	
Chloroethane	10.0	9.25	92	25-153	
Chloroform	10.0	9.75	98	79-120	
Chloromethane	10.0	8.99	90	44-126	
3-Chloro-1-propene	10.0	10.0	100	40-160	
cis-1,2-Dichloroethene	10.0	9.59	96	80-120	
cis-1,3-Dichloropropene	10.0	9.19	92	61-120	
Dibromochloromethane	10.0	9.80	98	64-120	
1,2-Dibromo-3-Chloropropane	10.0	8.37	84	42-136	
Dibromomethane	10.0	9.20	92	80-120	
Dichlorodifluoromethane	10.0	9.09	91	19-129	
1,1-Dichloroethane	10.0	10.2	102	80-120	
1,2-Dichloroethane	10.0	9.01	90	71-127	
1,1-Dichloroethene	10.0	10.5	105	78-131	
1,2-Dichloroethene, Total	20.0	19.7	98	80-120	
1,2-Dichloropropane	10.0	9.82	98	80-120	
1,4-Dioxane	200	115	58	50-150	
Ethylbenzene	10.0	9.43	94	80-120	
Ethylene Dibromide	10.0	9.44	94	79-120	
Ethyl methacrylate	10.0	9.19	92	40-160	
2-Hexanone	20.0	16.8	84	55-133	
Iodomethane	10.0	10.7	107	72-141	
Isobutanol	250	237	95	40-160	
Methylene Chloride	10.0	9.98	100	66-131	
4-Methyl-2-pentanone (MIBK)	20.0	15.7	79	63-128	
m-Xylene & p-Xylene	10.0	9.34	93	80-120	
o-Xylene	10.0	9.35	94	80-120	
Styrene	10.0	8.78	88	79-120	
1,1,1,2-Tetrachloroethane	10.0	9.90	99	72-120	
1,1,2,2-Tetrachloroethane	10.0	7.82	78	68-120	
Tetrachloroethene	10.0	10.9	109	79-120	
Toluene	10.0	10.7	107	80-120	

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 Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXJ8454.D

Lab ID: LCS 240-131072/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,4-Dichloro-2-butene	10.0	6.92	69	10-199	
trans-1,2-Dichloroethene	10.0	10.1	101	80-120	
trans-1,3-Dichloropropene	10.0	10.7	107	58-120	
1,1,1-Trichloroethane	10.0	9.74	97	74-120	
1,1,2-Trichloroethane	10.0	9.84	98	80-120	
Trichloroethene	10.0	9.78	98	76-120	
Trichlorofluoromethane	10.0	9.72	97	49-157	
1,2,3-Trichloropropane	10.0	7.43	74	73-129	
Vinyl acetate	8.00	9.97	125	46-161	
Vinyl chloride	10.0	9.55	96	53-127	
Xylenes, Total	20.0	18.7	93	80-120	

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 Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXR0655.D

Lab ID: LCS 240-131184/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	21.8	109	43-136	
Acrolein	50.0	26.6	53	51-170	
Acrylonitrile	100	87.1	87	66-132	
Benzene	10.0	10.5	105	80-120	
Bromodichloromethane	10.0	10.9	109	72-121	
Bromoform	10.0	8.74	87	40-131	
Bromomethane	10.0	10.3	103	11-185	
2-Butanone	20.0	17.4	87	60-126	
Carbon disulfide	10.0	10.3	103	62-142	
Carbon tetrachloride	10.0	12.3	123	66-128	
Chlorobenzene	10.0	10.3	103	80-120	
Chloroethane	10.0	7.78	78	25-153	
Chloroform	10.0	12.0	120	79-120	
Chloromethane	10.0	8.48	85	44-126	
3-Chloro-1-propene	10.0	9.43	94	40-160	
cis-1,2-Dichloroethene	10.0	10.7	107	80-120	
cis-1,3-Dichloropropene	10.0	10.0	100	61-120	
Dibromochloromethane	10.0	10.2	102	64-120	
1,2-Dibromo-3-Chloropropane	10.0	10.8	108	42-136	
Dibromomethane	10.0	11.0	110	80-120	
Dichlorodifluoromethane	10.0	13.3	133	19-129	*
1,1-Dichloroethane	10.0	10.9	109	80-120	
1,2-Dichloroethane	10.0	11.7	117	71-127	
1,1-Dichloroethene	10.0	10.6	106	78-131	
1,2-Dichloroethene, Total	20.0	21.5	108	80-120	
1,2-Dichloropropane	10.0	9.91	99	80-120	
1,4-Dioxane	200	182	91	50-150	
Ethylbenzene	10.0	9.74	97	80-120	
Ethylene Dibromide	10.0	10.1	101	79-120	
Ethyl methacrylate	10.0	9.37	94	40-160	
2-Hexanone	20.0	17.8	89	55-133	
Iodomethane	10.0	9.74	97	72-141	
Isobutanol	250	207	83	40-160	
Methylene Chloride	10.0	11.2	112	66-131	
4-Methyl-2-pentanone (MIBK)	20.0	17.5	88	63-128	
m-Xylene & p-Xylene	10.0	10.2	102	80-120	
o-Xylene	10.0	10.2	102	80-120	
Styrene	10.0	9.57	96	79-120	
1,1,1,2-Tetrachloroethane	10.0	10.9	109	72-120	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	68-120	
Tetrachloroethene	10.0	9.99	100	79-120	
Toluene	10.0	10.5	105	80-120	

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 Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXR0655.D

Lab ID: LCS 240-131184/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,4-Dichloro-2-butene	10.0	2.90	29	10-199	
trans-1,2-Dichloroethene	10.0	10.8	108	80-120	
trans-1,3-Dichloropropene	10.0	10.5	105	58-120	
1,1,1-Trichloroethane	10.0	12.1	121	74-120	*
1,1,2-Trichloroethane	10.0	10.4	104	80-120	
Trichloroethene	10.0	11.0	110	76-120	
Trichlorofluoromethane	10.0	10.0	100	49-157	
1,2,3-Trichloropropane	10.0	11.2	112	73-129	
Vinyl acetate	8.00	8.31	104	46-161	
Vinyl chloride	10.0	7.83	78	53-127	
Xylenes, Total	20.0	20.4	102	80-120	

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 Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXR3531.D

Lab ID: LCS 240-131334/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	25.3	127	43-136	
Acrolein	50.0	36.4	73	51-170	
Acrylonitrile	100	116	116	66-132	
Benzene	10.0	10.3	103	80-120	
Bromodichloromethane	10.0	11.2	112	72-121	
Bromoform	10.0	11.3	113	40-131	
Bromomethane	10.0	7.71	77	11-185	
2-Butanone	20.0	23.8	119	60-126	
Carbon disulfide	10.0	11.1	111	62-142	
Carbon tetrachloride	10.0	11.6	116	66-128	
Chlorobenzene	10.0	10.2	102	80-120	
Chloroethane	10.0	6.41	64	25-153	
Chloroform	10.0	10.8	108	79-120	
Chloromethane	10.0	9.38	94	44-126	
3-Chloro-1-propene	10.0	10.1	101	40-160	
cis-1,2-Dichloroethene	10.0	10.1	101	80-120	
cis-1,3-Dichloropropene	10.0	11.8	118	61-120	
Dibromochloromethane	10.0	11.9	119	64-120	
1,2-Dibromo-3-Chloropropane	10.0	11.2	112	42-136	
Dibromomethane	10.0	10.8	108	80-120	
Dichlorodifluoromethane	10.0	8.86	89	19-129	
1,1-Dichloroethane	10.0	11.0	110	80-120	
1,2-Dichloroethane	10.0	11.4	114	71-127	
1,1-Dichloroethene	10.0	10.8	108	78-131	
1,2-Dichloroethene, Total	20.0	20.8	104	80-120	
1,2-Dichloropropane	10.0	11.0	110	80-120	
1,4-Dioxane	200	196	98	50-150	
Ethylbenzene	10.0	10.5	105	80-120	
Ethylene Dibromide	10.0	11.4	114	79-120	
Ethyl methacrylate	10.0	10.9	109	40-160	
2-Hexanone	20.0	24.6	123	55-133	
Iodomethane	10.0	10.5	105	72-141	
Isobutanol	250	277	111	40-160	
Methylene Chloride	10.0	10.1	101	66-131	
4-Methyl-2-pentanone (MIBK)	20.0	24.7	124	63-128	
m-Xylene & p-Xylene	10.0	10.5	105	80-120	
o-Xylene	10.0	10.5	105	80-120	
Styrene	10.0	10.5	105	79-120	
1,1,1,2-Tetrachloroethane	10.0	11.1	111	72-120	
1,1,2,2-Tetrachloroethane	10.0	10.9	109	68-120	
Tetrachloroethene	10.0	10.3	103	79-120	
Toluene	10.0	10.9	109	80-120	

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 Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXR3531.D

Lab ID: LCS 240-131334/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,4-Dichloro-2-butene	10.0	11.3	113	10-199	
trans-1,2-Dichloroethene	10.0	10.7	107	80-120	
trans-1,3-Dichloropropene	10.0	11.7	117	58-120	
1,1,1-Trichloroethane	10.0	11.4	114	74-120	
1,1,2-Trichloroethane	10.0	10.5	105	80-120	
Trichloroethene	10.0	9.94	99	76-120	
Trichlorofluoromethane	10.0	8.86	89	49-157	
1,2,3-Trichloropropane	10.0	11.4	114	73-129	
Vinyl acetate	8.00	14.8	185	46-161	*
Vinyl chloride	10.0	9.40	94	53-127	
Xylenes, Total	20.0	21.0	105	80-120	

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 Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXR3560.D

Lab ID: LCS 240-131527/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	27.3	137	43-136	*
Acrolein	50.0	36.8	74	51-170	
Acrylonitrile	100	122	122	66-132	
Benzene	10.0	10.3	103	80-120	
Bromodichloromethane	10.0	11.0	110	72-121	
Bromoform	10.0	11.4	114	40-131	
Bromomethane	10.0	6.91	69	11-185	
2-Butanone	20.0	26.1	130	60-126	*
Carbon disulfide	10.0	10.9	109	62-142	
Carbon tetrachloride	10.0	11.5	115	66-128	
Chlorobenzene	10.0	10.1	101	80-120	
Chloroethane	10.0	5.95	59	25-153	
Chloroform	10.0	10.8	108	79-120	
Chloromethane	10.0	9.91	99	44-126	
3-Chloro-1-propene	10.0	10.6	106	40-160	
cis-1,2-Dichloroethene	10.0	10.2	102	80-120	
cis-1,3-Dichloropropene	10.0	11.9	119	61-120	
Dibromochloromethane	10.0	11.2	112	64-120	
1,2-Dibromo-3-Chloropropane	10.0	10.4	104	42-136	
Dibromomethane	10.0	10.8	108	80-120	
Dichlorodifluoromethane	10.0	10.0	100	19-129	
1,1-Dichloroethane	10.0	11.0	110	80-120	
1,2-Dichloroethane	10.0	11.3	113	71-127	
1,1-Dichloroethene	10.0	10.7	107	78-131	
1,2-Dichloroethene, Total	20.0	21.0	105	80-120	
1,2-Dichloropropane	10.0	11.0	110	80-120	
1,4-Dioxane	200	222	111	50-150	
Ethylbenzene	10.0	10.4	104	80-120	
Ethylene Dibromide	10.0	11.1	111	79-120	
Ethyl methacrylate	10.0	11.3	113	40-160	
2-Hexanone	20.0	27.1	136	55-133	*
Iodomethane	10.0	10.2	102	72-141	
Isobutanol	250	288	115	40-160	
Methylene Chloride	10.0	10.2	102	66-131	
4-Methyl-2-pentanone (MIBK)	20.0	27.1	135	63-128	*
m-Xylene & p-Xylene	10.0	10.4	104	80-120	
o-Xylene	10.0	10.3	103	80-120	
Styrene	10.0	10.2	102	79-120	
1,1,1,2-Tetrachloroethane	10.0	11.0	110	72-120	
1,1,2,2-Tetrachloroethane	10.0	11.0	110	68-120	
Tetrachloroethene	10.0	10.1	101	79-120	
Toluene	10.0	10.6	106	80-120	

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 Canton Job No.: 240-37120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXR3560.D

Lab ID: LCS 240-131527/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,4-Dichloro-2-butene	10.0	12.3	123	10-199	
trans-1,2-Dichloroethene	10.0	10.8	108	80-120	
trans-1,3-Dichloropropene	10.0	11.9	119	58-120	
1,1,1-Trichloroethane	10.0	11.0	110	74-120	
1,1,2-Trichloroethane	10.0	10.4	104	80-120	
Trichloroethene	10.0	10.2	102	76-120	
Trichlorofluoromethane	10.0	9.12	91	49-157	
1,2,3-Trichloropropane	10.0	11.9	119	73-129	
Vinyl acetate	8.00	14.6	182	46-161	*
Vinyl chloride	10.0	9.71	97	53-127	
Xylenes, Total	20.0	20.7	104	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: UXJ8457.D Lab Sample ID: MB 240-131072/5

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

Instrument ID: A3UX11 Date Analyzed: 05/17/2014 12:35

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-131072/4	UXJ8454.D	05/17/2014 11:25
DW004/050814	240-37120-1	UXJ8464.D	05/17/2014 15:19
DCINFLOW/050814	240-37120-2	UXJ8465.D	05/17/2014 15:42

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: UXR0657.D Lab Sample ID: MB 240-131184/6

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

Instrument ID: A3UX10 Date Analyzed: 05/19/2014 13:37

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-131184/4	UXR0655.D	05/19/2014 12:51
DCOUTFLOW/050814	240-37120-11	UXR0674.D	05/19/2014 20:06
TB03/050814	240-37120-12	UXR0675.D	05/19/2014 20:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: UXR3533.D Lab Sample ID: MB 240-131334/6

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

Instrument ID: A3UX17 Date Analyzed: 05/20/2014 12:03

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-131334/4	UXR3531.D	05/20/2014 11:18
MW509A/050814	240-37120-5	UXR3547.D	05/20/2014 17:23
MW509B/050814	240-37120-6	UXR3548.D	05/20/2014 17:45
MW510A/050814	240-37120-7	UXR3549.D	05/20/2014 18:08
MW510B/050814	240-37120-8	UXR3550.D	05/20/2014 18:31
MW508B/050814	240-37120-10	UXR3552.D	05/20/2014 19:16

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: UXR3562.D Lab Sample ID: MB 240-131527/6

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

Instrument ID: A3UX17 Date Analyzed: 05/21/2014 11:55

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-131527/4	UXR3560.D	05/21/2014 11:10
MW505B/050814	240-37120-3	UXR3570.D	05/21/2014 15:32
MW505A/050814	240-37120-4	UXR3571.D	05/21/2014 15:54
MW508/050814	240-37120-9	UXR3572.D	05/21/2014 16:17

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: BFB5580.D BFB Injection Date: 03/13/2014

Instrument ID: A3UX10 BFB Injection Time: 08:39

Analysis Batch No.: 122370

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	49.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.1	(0.1)1
174	50.0 - 120.00 % of mass 95	86.9	
175	5.0 - 9.0 % of mass 174	6.5	(7.5)1
176	95.0 - 101.0 % of mass 174	83.3	(95.8)1
177	5.0 - 9.0 % of mass 176	5.7	(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
	STD8260 240-122370/2	UXX8834.D	03/13/2014	09:02
	STD8260 240-122370/3	UXX8835.D	03/13/2014	09:24
	STD8260 240-122370/4	UXX8836.D	03/13/2014	09:48
	STD8260 240-122370/5	UXX8837.D	03/13/2014	10:10
	STD8260 240-122370/6	UXX8838.D	03/13/2014	10:33
	STD8260 240-122370/7	UXX8839.D	03/13/2014	10:55
	STDA9 240-122370/8	UXX8840.D	03/13/2014	11:18
	STDA9 240-122370/9	UXX8841.D	03/13/2014	11:40
	STDA9 240-122370/10	UXX8842.D	03/13/2014	12:02
	STDA9 240-122370/11	UXX8843.D	03/13/2014	12:25
	STDA9 240-122370/12	UXX8844.D	03/13/2014	12:47
	STDA9 240-122370/13	UXX8845.D	03/13/2014	13:09
	ICV 240-122370/14	UXX8846.D	03/13/2014	13:50
	ICV 240-122370/15	UXX8847.D	03/13/2014	14:12

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: BFB5682.D BFB Injection Date: 05/19/2014

Instrument ID: A3UX10 BFB Injection Time: 11:32

Analysis Batch No.: 131184

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.2	
75	30.0 - 60.0 % of mass 95	51.7	
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	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	75.6	
175	5.0 - 9.0 % of mass 174	5.7	(7.6)1
176	95.0 - 101.0 % of mass 174	74.7	(98.9)1
177	5.0 - 9.0 % of mass 176	4.9	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-131184/2	UXR0653.D	05/19/2014	12:05
	CCV 240-131184/3	UXR0654.D	05/19/2014	12:28
	LCS 240-131184/4	UXR0655.D	05/19/2014	12:51
	MB 240-131184/6	UXR0657.D	05/19/2014	13:37
DCOUTFLOW/050814	240-37120-11	UXR0674.D	05/19/2014	20:06
TB03/050814	240-37120-12	UXR0675.D	05/19/2014	20:29

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: BFB509E.D BFB Injection Date: 05/09/2014

Instrument ID: A3UX11 BFB Injection Time: 13:06

Analysis Batch No.: 130073

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	51.4	
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	70.7	
175	5.0 - 9.0 % of mass 174	5.3	(7.5)1
176	95.0 - 101.0 % of mass 174	68.6	(97.0)1
177	5.0 - 9.0 % of mass 176	4.3	(6.3)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
	STD8260 240-130073/2	UXJ8173.D	05/09/2014	14:22
	STD8260 240-130073/3	UXJ8174.D	05/09/2014	14:46
	STD8260 240-130073/4	UXJ8175.D	05/09/2014	15:09
	STD8260 240-130073/5	UXJ8176.D	05/09/2014	15:33
	STD8260 240-130073/6	UXJ8177.D	05/09/2014	15:56
	STD8260 240-130073/7	UXJ8178.D	05/09/2014	16:18
	STD6 240-130073/8	UXJ8179.D	05/09/2014	16:42
	STD5 240-130073/9	UXJ8180.D	05/09/2014	17:05
	STD4 240-130073/10	UXJ8181.D	05/09/2014	17:29
	STD3 240-130073/11	UXJ8182.D	05/09/2014	17:51
	STD2 240-130073/12	UXJ8183.D	05/09/2014	18:15
	STD1 240-130073/13	UXJ8184.D	05/09/2014	18:38
	ICV 240-130073/15	UXJ8186.D	05/09/2014	19:24

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: BFB517.D BFB Injection Date: 05/17/2014

Instrument ID: A3UX11 BFB Injection Time: 10:35

Analysis Batch No.: 131072

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	51.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	71.5	
175	5.0 - 9.0 % of mass 174	5.5	(7.7)1
176	95.0 - 101.0 % of mass 174	68.2	(95.4)1
177	5.0 - 9.0 % of mass 176	4.6	(6.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-131072/2	UXJ8453.D	05/17/2014	11:01
	LCS 240-131072/4	UXJ8454.D	05/17/2014	11:25
	CCV 240-131072/3	UXJ8455.D	05/17/2014	11:48
	MB 240-131072/5	UXJ8457.D	05/17/2014	12:35
DW004/050814	240-37120-1	UXJ8464.D	05/17/2014	15:19
DCINFLOW/050814	240-37120-2	UXJ8465.D	05/17/2014	15:42

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: BFB023.D BFB Injection Date: 03/10/2014

Instrument ID: A3UX17 BFB Injection Time: 12:55

Analysis Batch No.: 121946

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	81.9	
175	5.0 - 9.0 % of mass 174	5.7	(6.9)1
176	95.0 - 101.0 % of mass 174	80.0	(97.7)1
177	5.0 - 9.0 % of mass 176	4.9	(6.1)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
	STD8260 240-121946/2	UXR1538.D	03/10/2014	13:22
	STD8260 240-121946/3	UXR1539.D	03/10/2014	13:44
	STD8260 240-121946/4	UXR1540.D	03/10/2014	14:07
	STD8260 240-121946/5	UXR1541.D	03/10/2014	14:30
	STD8260 240-121946/6	UXR1542.D	03/10/2014	14:52
	STD8260 240-121946/7	UXR1543.D	03/10/2014	15:15
	STDA9 240-121946/8	UXR1544.D	03/10/2014	15:38
	STDA9 240-121946/9	UXR1545.D	03/10/2014	16:00
	STDA9 240-121946/10	UXR1546.D	03/10/2014	16:23
	STDA9 240-121946/11	UXR1547.D	03/10/2014	16:46
	STDA9 240-121946/12	UXR1548.D	03/10/2014	17:08
	STDA9 240-121946/13	UXR1550.D	03/10/2014	21:35
	ICV 240-121946/14	UXR1551.D	03/10/2014	21:58

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: BFB142.D BFB Injection Date: 05/20/2014

Instrument ID: A3UX17 BFB Injection Time: 10:00

Analysis Batch No.: 131334

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	49.2	
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	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	79.3	
175	5.0 - 9.0 % of mass 174	5.2	(6.5)1
176	95.0 - 101.0 % of mass 174	76.9	(96.9)1
177	5.0 - 9.0 % of mass 176	5.4	(7.0)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 240-131334/2	UXR3529.D	05/20/2014	10:32
	CCV 240-131334/3	UXR3530.D	05/20/2014	10:55
	LCS 240-131334/4	UXR3531.D	05/20/2014	11:18
	MB 240-131334/6	UXR3533.D	05/20/2014	12:03
MW509A/050814	240-37120-5	UXR3547.D	05/20/2014	17:23
MW509B/050814	240-37120-6	UXR3548.D	05/20/2014	17:45
MW510A/050814	240-37120-7	UXR3549.D	05/20/2014	18:08
MW510B/050814	240-37120-8	UXR3550.D	05/20/2014	18:31
MW508B/050814	240-37120-10	UXR3552.D	05/20/2014	19:16

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab File ID: BFB145.D BFB Injection Date: 05/21/2014

Instrument ID: A3UX17 BFB Injection Time: 09:52

Analysis Batch No.: 131527

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	49.4	
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	81.6	
175	5.0 - 9.0 % of mass 174	5.3	(6.5)1
176	95.0 - 101.0 % of mass 174	78.2	(95.8)1
177	5.0 - 9.0 % of mass 176	5.4	(7.0)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 240-131527/2	UXR3558.D	05/21/2014	10:25
	CCV 240-131527/3	UXR3559.D	05/21/2014	10:48
	LCS 240-131527/4	UXR3560.D	05/21/2014	11:10
	MB 240-131527/6	UXR3562.D	05/21/2014	11:55
MW505B/050814	240-37120-3	UXR3570.D	05/21/2014	15:32
MW505A/050814	240-37120-4	UXR3571.D	05/21/2014	15:54
MW508/050814	240-37120-9	UXR3572.D	05/21/2014	16:17

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Sample No.: STD8260 240-122370/4 Date Analyzed: 03/13/2014 09:48

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXX8836.D Heated Purge: (Y/N) N

Calibration ID: 21113

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1491749	5.55	1027785	8.23	613728	10.47
UPPER LIMIT		2983498	6.05	2055570	8.73	1227456	10.97
LOWER LIMIT		745875	5.05	513893	7.73	306864	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-122370/14		1457730	5.54	947218	8.23	600605	10.47
ICV 240-122370/15		1408930	5.55	916360	8.23	581640	10.47
CCVIS 240-131184/2		1102301	5.54	775801	8.23	469073	10.47

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 Canton Job No.: 240-37120-1

SDG No.:

Sample No.: CCVIS 240-131184/2 Date Analyzed: 05/19/2014 12:05

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXR0653.D Heated Purge: (Y/N) N

Calibration ID: 21353

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1102301	5.54	775801	8.23	469073	10.47
UPPER LIMIT		2204602	6.04	1551602	8.73	938146	10.97
LOWER LIMIT		551151	5.04	387901	7.73	234537	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-131184/3		1110522	5.55	802733	8.23	430189	10.47
LCS 240-131184/4		1141077	5.55	803113	8.23	477992	10.47
MB 240-131184/6		1064757	5.54	754914	8.23	411263	10.47
240-37120-11	DCOUTFLOW/050814	1040380	5.54	789332	8.23	471569	10.46
240-37120-12	TB03/050814	1031995	5.54	792618	8.23	468853	10.47

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 Canton Job No.: 240-37120-1

SDG No.:

Sample No.: STD8260 240-130073/4 Date Analyzed: 05/09/2014 15:09

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXJ8175.D Heated Purge: (Y/N) N

Calibration ID: 22046

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1344134	5.38	750904	8.07	278565	10.32
UPPER LIMIT		2688268	5.88	1501808	8.57	557130	10.82
LOWER LIMIT		672067	4.88	375452	7.57	139283	9.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-130073/15		1305554	5.38	728191	8.07	230859	10.32
CCVIS 240-131072/2		1413155	5.38	672231	8.07	282786	10.32

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 Canton Job No.: 240-37120-1

SDG No.:

Sample No.: CCVIS 240-131072/2 Date Analyzed: 05/17/2014 11:01

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXJ8453.D Heated Purge: (Y/N) N

Calibration ID: 22048

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1413155	5.38	672231	8.07	282786	10.32
UPPER LIMIT		2826310	5.88	1344462	8.57	565572	10.82
LOWER LIMIT		706578	4.88	336116	7.57	141393	9.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-131072/4		1389104	5.38	661721	8.07	293000	10.32
CCV 240-131072/3		1344199	5.38	668537	8.07	214783	10.32
MB 240-131072/5		1271834	5.38	618437	8.07	201912	10.32
240-37120-1	DW004/050814	1290825	5.38	618446	8.07	205090	10.32
240-37120-2	DCINFLOW/050814	1295574	5.38	622724	8.07	212147	10.32

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 Canton Job No.: 240-37120-1

SDG No.:

Sample No.: STD8260 240-121946/4 Date Analyzed: 03/10/2014 14:07

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXR1540.D Heated Purge: (Y/N) N

Calibration ID: 21038

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1226869	5.76	937162	8.47	534531	10.72
UPPER LIMIT		2453738	6.26	1874324	8.97	1069062	11.22
LOWER LIMIT		613435	5.26	468581	7.97	267266	10.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-121946/14		1224766	5.76	925325	8.47	546318	10.72
CCVIS 240-131334/2		851246	5.76	656143	8.48	394249	10.72
CCVIS 240-131527/2		857159	5.76	657635	8.48	379722	10.72

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 Canton Job No.: 240-37120-1

SDG No.:

Sample No.: CCVIS 240-131334/2 Date Analyzed: 05/20/2014 10:32

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXR3529.D Heated Purge: (Y/N) N

Calibration ID: 21355

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		851246	5.76	656143	8.48	394249	10.72
UPPER LIMIT		1702492	6.26	1312286	8.98	788498	11.22
LOWER LIMIT		425623	5.26	328072	7.98	197125	10.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-131334/3		817409	5.78	615366	8.48	335339	10.72
LCS 240-131334/4		846644	5.76	648344	8.48	380730	10.72
MB 240-131334/6		778880	5.76	613828	8.48	319069	10.72
240-37120-5	MW509A/050814	712538	5.76	581037	8.48	295889	10.72
240-37120-6	MW509B/050814	713562	5.76	568582	8.48	305610	10.72
240-37120-7	MW510A/050814	704633	5.76	583547	8.48	300138	10.72
240-37120-8	MW510B/050814	689468	5.76	550314	8.48	284899	10.72
240-37120-10	MW508B/050814	703047	5.76	571132	8.48	284485	10.72

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 Canton Job No.: 240-37120-1

SDG No.:

Sample No.: CCVIS 240-131527/2 Date Analyzed: 05/21/2014 10:25

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXR3558.D Heated Purge: (Y/N) N

Calibration ID: 21355

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		857159	5.76	657635	8.48	379722	10.72
UPPER LIMIT		1714318	6.26	1315270	8.98	759444	11.22
LOWER LIMIT		428580	5.26	328818	7.98	189861	10.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-131527/3		821048	5.76	627707	8.48	329846	10.72
LCS 240-131527/4		826239	5.76	638719	8.48	372188	10.72
MB 240-131527/6		766014	5.76	617487	8.48	326608	10.72
240-37120-3	MW505B/050814	765523	5.76	589227	8.48	319935	10.72
240-37120-4	MW505A/050814	779702	5.76	611077	8.48	321049	10.72
240-37120-9	MW508/050814	717617	5.76	589652	8.48	315649	10.72

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 Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: DW004/050814 | Lab Sample ID: 240-37120-1

Matrix: Water | Lab File ID: UXJ8464.D

Analysis Method: 8260B | Date Collected: 05/08/2014 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2014 15:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131072 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	0.18	J	1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: DW004/050814 | Lab Sample ID: 240-37120-1

Matrix: Water | Lab File ID: UXJ8464.D

Analysis Method: 8260B | Date Collected: 05/08/2014 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2014 15:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131072 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	0.16	J	1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	82		66-120
1868-53-7	Dibromofluoromethane (Surr)	85		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		63-129
2037-26-5	Toluene-d8 (Surr)	92		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8464.D
Lims ID: 240-37120-B-1 Lab Sample ID: 240-37120-1
Client ID: DW004/050814
Sample Type: Client
Inject. Date: 17-May-2014 15:19:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031107-012
Misc. Info.: J40517A,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:45 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: evansle Date: 19-May-2014 08:57:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1290825	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.069	0.001	85	618446	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	92	205090	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	99	261632	7.09	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	96	326901	6.39	
$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	94	936749	7.70	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	86	192098	6.81	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.331					
17 Trichlorofluoromethane	101		2.544					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43	2.993	2.993	0.000	85	31391	0.6528	
24 Iodomethane	142		3.135					
25 Carbon disulfide	76	3.194	3.194	0.000	64	10985	0.1765	
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.940					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43	4.425	4.425	0.000	64	7852	0.5530	
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.602					
47 Chloroform	83		4.673					

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.159					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.963					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88		5.999					
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK	43		6.626					
71 Toluene	91	6.803	6.815	-0.012	77	23320	0.1648	
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.644					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.489					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

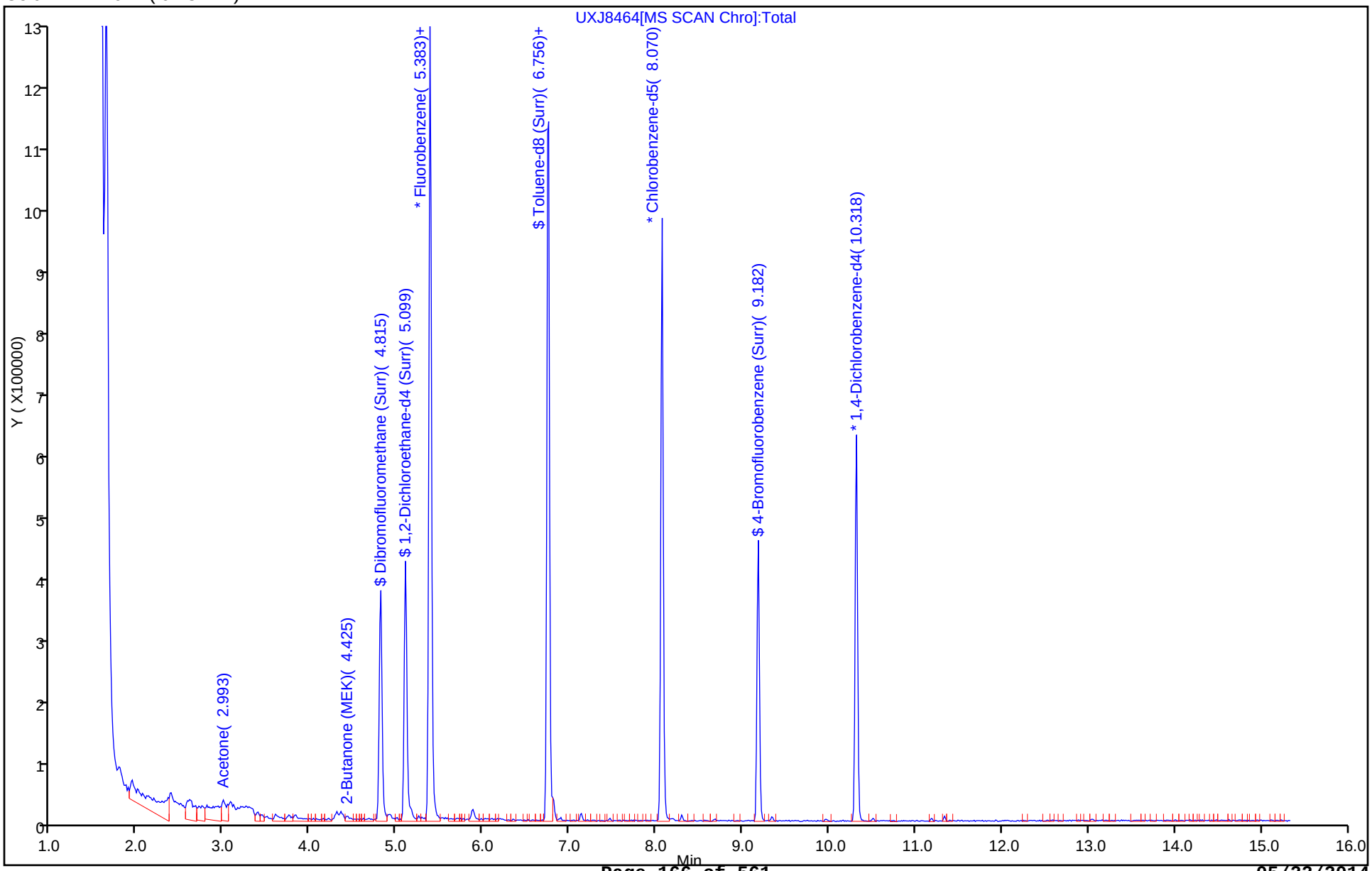
Report Date: 19-May-2014 09:02:50 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8464.D

Injection Date:	17-May-2014 15:19:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	240-37120-B-1	Lab Sample ID:	240-37120-1	Worklist Smp#:	12
Client ID:	DW004/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)

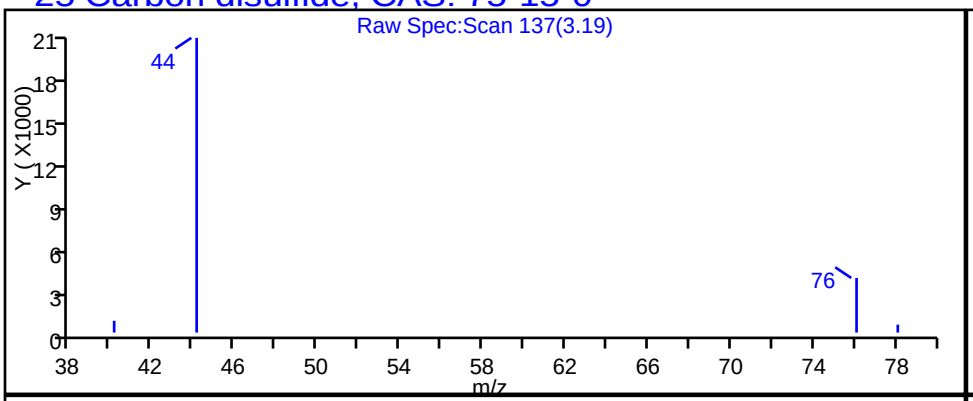


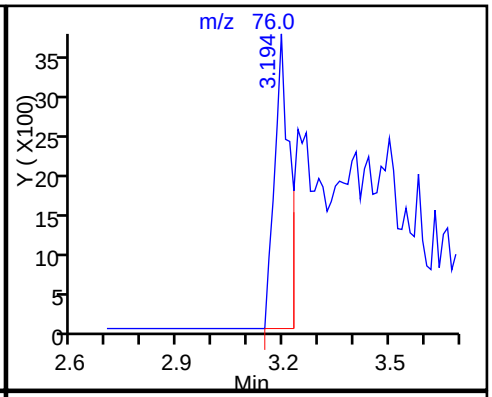
Report Date: 19-May-2014 09:02:50 Chrom Revision: 2.2 14-Apr-2014 13:40:08

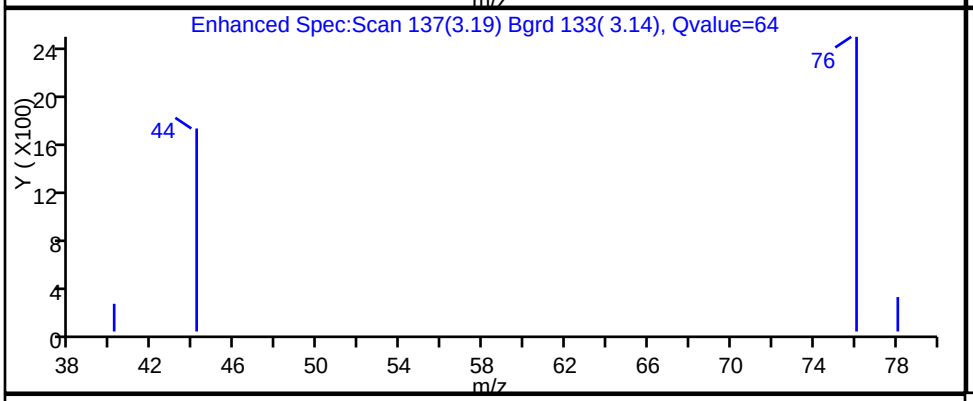
TestAmerica Canton

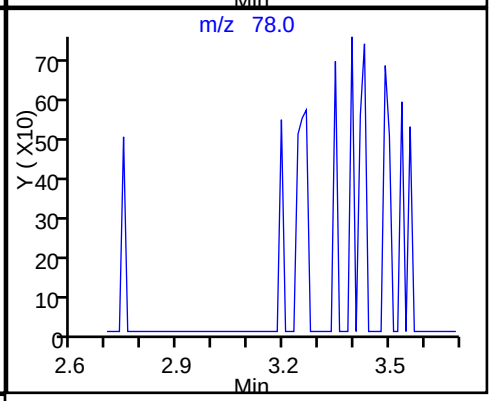
Data File:	\\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8464.D				
Injection Date:	17-May-2014 15:19:30	Instrument ID:	A3UX11		
Lims ID:	240-37120-B-1	Lab Sample ID:	240-37120-1		
Client ID:	DW004/050814				
Operator ID:	43582	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_11	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

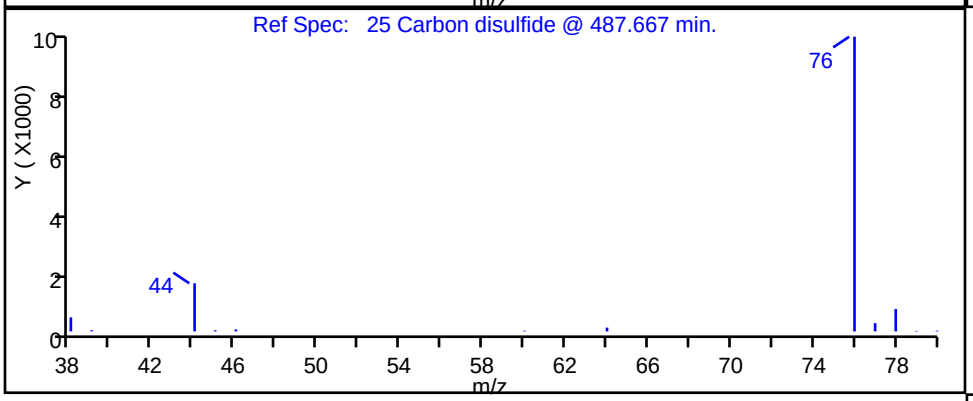
25 Carbon disulfide, CAS: 75-15-0

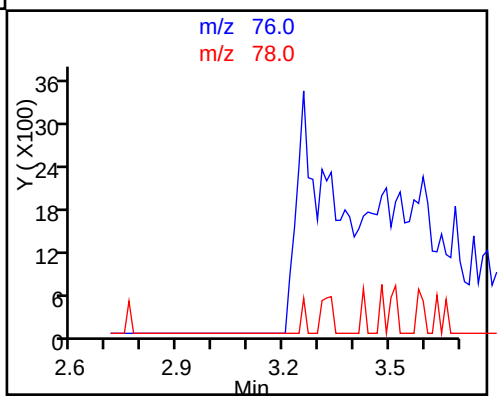










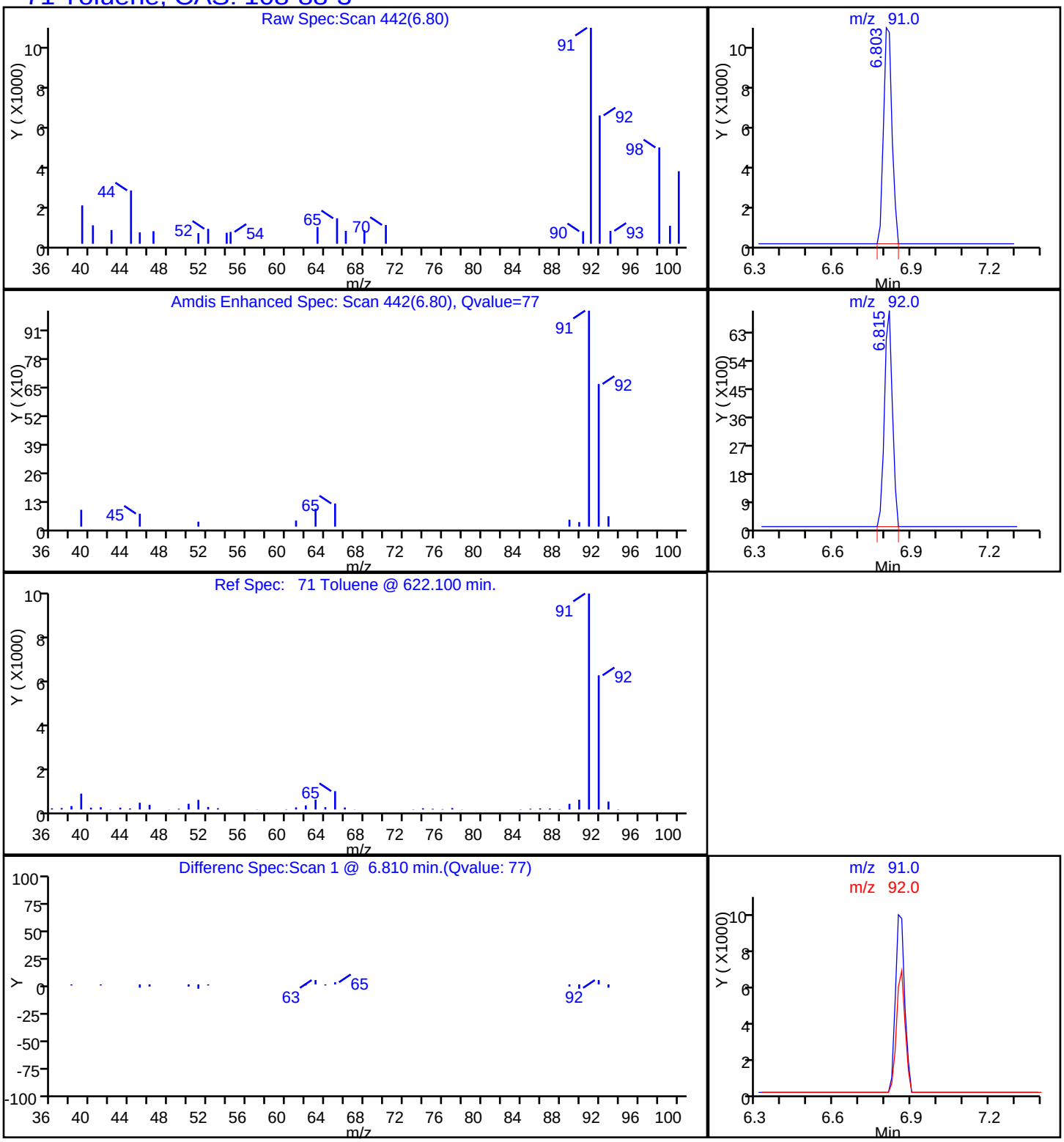


Report Date: 19-May-2014 09:02:50 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8464.D				
Injection Date:	17-May-2014 15:19:30	Instrument ID:	A3UX11		
Lims ID:	240-37120-B-1	Lab Sample ID:	240-37120-1		
Client ID:	DW004/050814				
Operator ID:	43582	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_11	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

71 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: DCINFLOW/050814 | Lab Sample ID: 240-37120-2

Matrix: Water | Lab File ID: UXJ8465.D

Analysis Method: 8260B | Date Collected: 05/08/2014 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2014 15:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131072 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	15		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: DCINFLOW/050814 | Lab Sample ID: 240-37120-2

Matrix: Water | Lab File ID: UXJ8465.D

Analysis Method: 8260B | Date Collected: 05/08/2014 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2014 15:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131072 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	77		66-120
1868-53-7	Dibromofluoromethane (Surr)	86		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		63-129
2037-26-5	Toluene-d8 (Surr)	88		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8465.D
Lims ID: 240-37120-B-2 Lab Sample ID: 240-37120-2
Client ID: DCINFLOW/050814
Sample Type: Client
Inject. Date: 17-May-2014 15:42:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031107-013
Misc. Info.: J40517A,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:45 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: evansle Date: 19-May-2014 08:57:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1295574	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.069	0.001	86	622724	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	212147	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	94	264231	7.13	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	92	335585	6.53	
$ 6 Toluene-d8 (Surr)	98	6.744	6.756	-0.012	84	899855	7.34	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	87	182753	6.43	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.331					
17 Trichlorofluoromethane	101		2.544					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43	2.993	2.993	0.000	99	164261	15.4	
24 Iodomethane	142		3.135					
25 Carbon disulfide	76		3.194					
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.940					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43		4.425					
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.602					
47 Chloroform	83		4.673					

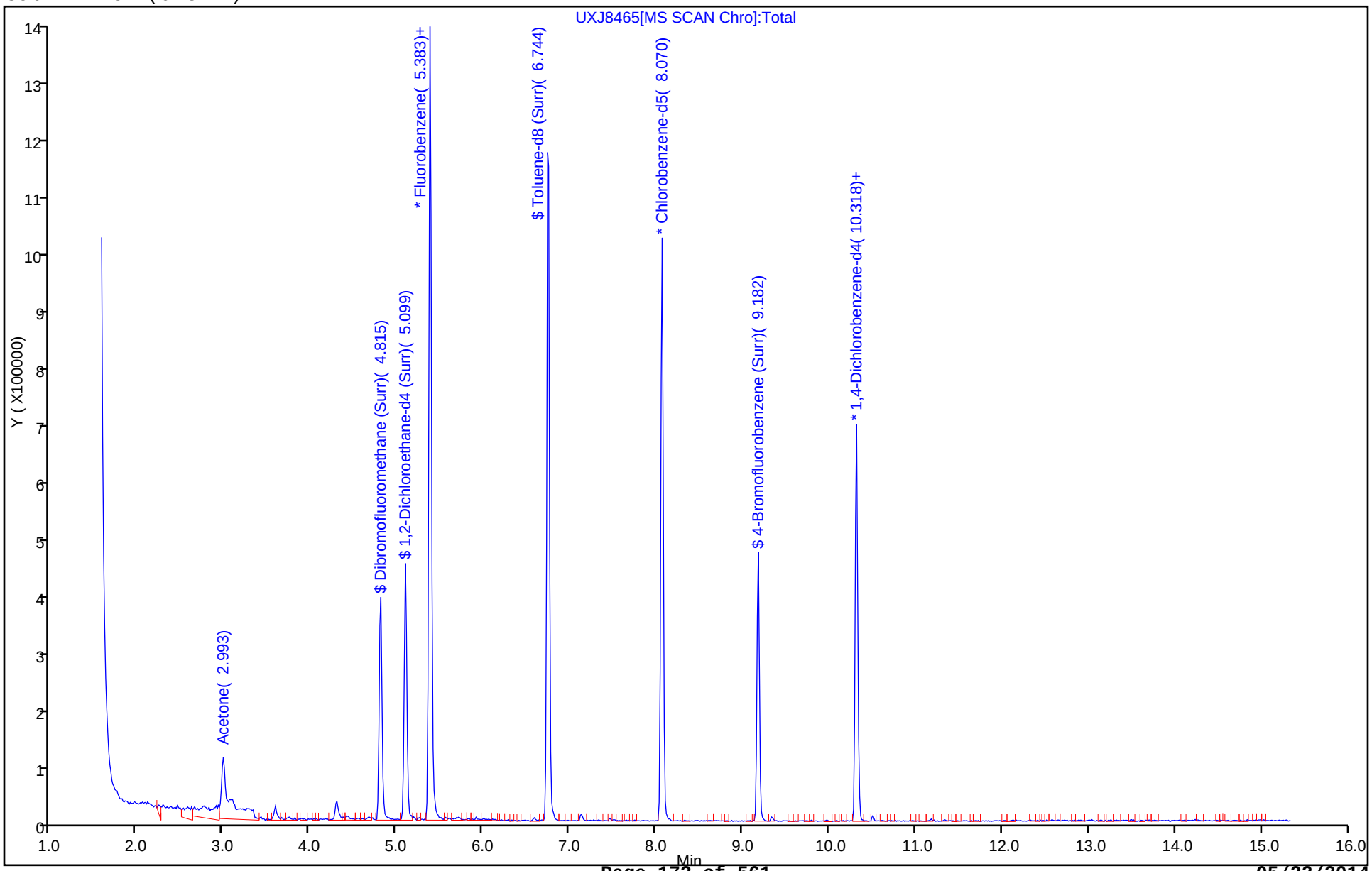
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.159					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.963					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88		5.999					
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK	43		6.626					
71 Toluene	91		6.815					
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.644					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.489					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 19-May-2014 09:02:51 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8465.D				
Injection Date:	17-May-2014 15:42:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	240-37120-B-2	Lab Sample ID:	240-37120-2	Worklist Smp#:	13
Client ID:	DCINFLOW/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)

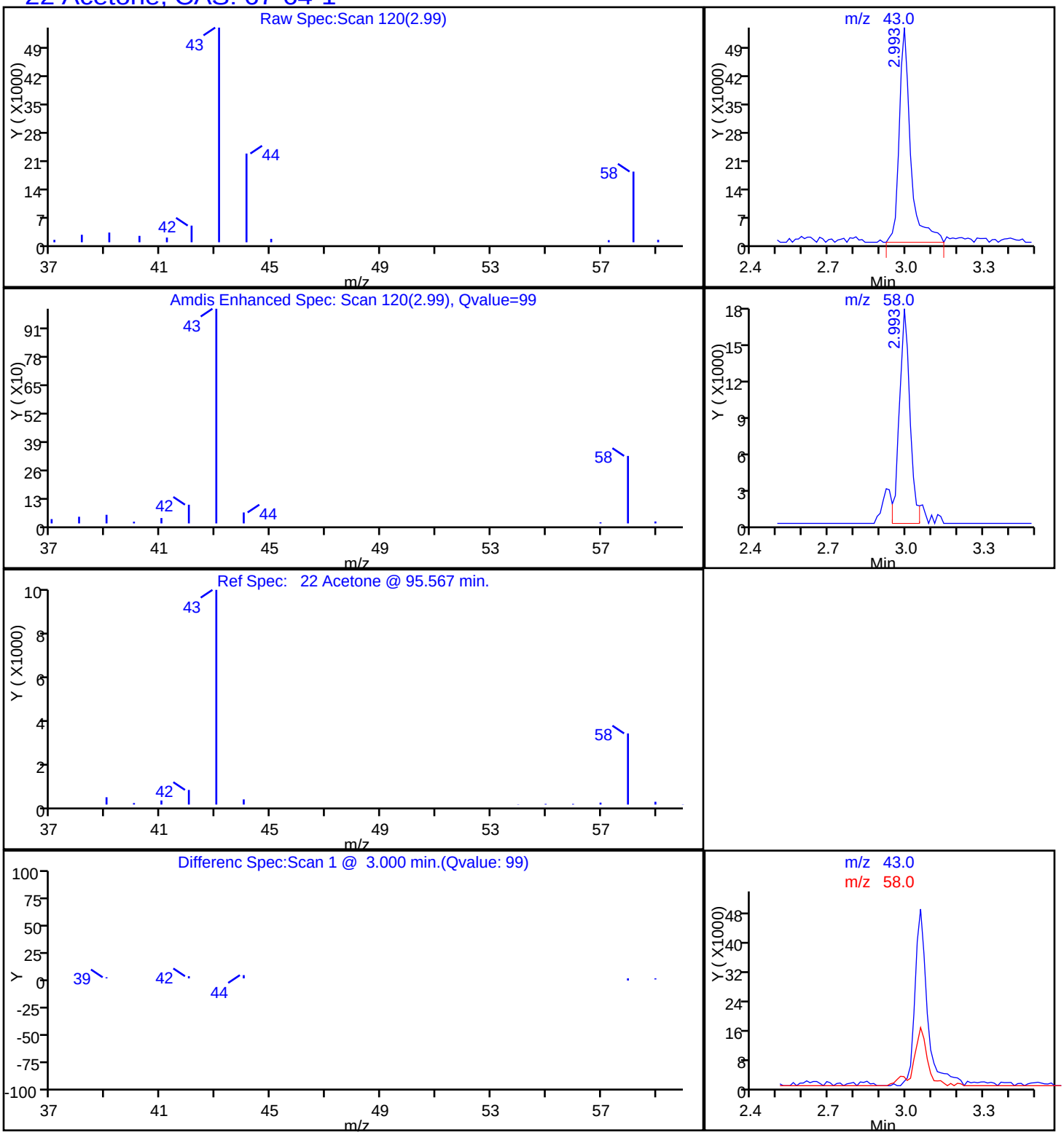


Report Date: 19-May-2014 09:02:51 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8465.D				
Injection Date:	17-May-2014 15:42:30	Instrument ID:	A3UX11		
Lims ID:	240-37120-B-2	Lab Sample ID:	240-37120-2		
Client ID:	DCINFLOW/050814				
Operator ID:	43582	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_11	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW505B/050814 | Lab Sample ID: 240-37120-3

Matrix: Water | Lab File ID: UXR3570.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 15:32

Soil Aliquot Vol: | Dilution Factor: 33.33

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	110	J *	330	37
75-05-8	Acetonitrile	ND		670	120
107-02-8	Acrolein	ND		670	73
107-13-1	Acrylonitrile	ND		670	67
71-43-2	Benzene	ND		33	4.3
75-27-4	Bromodichloromethane	ND		33	5.0
75-25-2	Bromoform	ND		33	21
74-83-9	Bromomethane	ND		33	14
78-93-3	2-Butanone	ND	*	330	19
75-15-0	Carbon disulfide	ND		33	4.3
56-23-5	Carbon tetrachloride	ND		33	4.3
108-90-7	Chlorobenzene	ND		33	5.0
75-00-3	Chloroethane	ND		33	9.7
67-66-3	Chloroform	ND		33	5.3
74-87-3	Chloromethane	ND		33	10
126-99-8	Chloroprene	ND		67	9.7
107-05-1	3-Chloro-1-propene	ND		67	12
156-59-2	cis-1,2-Dichloroethene	26	J	33	5.7
10061-01-5	cis-1,3-Dichloropropene	ND		33	4.7
124-48-1	Dibromochloromethane	ND		33	6.0
96-12-8	1,2-Dibromo-3-Chloropropane	ND		67	22
74-95-3	Dibromomethane	ND		33	9.3
75-71-8	Dichlorodifluoromethane	ND		33	10
75-34-3	1,1-Dichloroethane	ND		33	5.0
107-06-2	1,2-Dichloroethane	ND		33	7.3
75-35-4	1,1-Dichloroethene	ND		33	6.3
540-59-0	1,2-Dichloroethene, Total	26	J	67	5.7
78-87-5	1,2-Dichloropropane	ND		33	6.0
123-91-1	1,4-Dioxane	14000		1700	630
100-41-4	Ethylbenzene	ND		33	5.7
106-93-4	Ethylene Dibromide	ND		33	8.0
97-63-2	Ethyl methacrylate	ND		33	4.7
591-78-6	2-Hexanone	ND	*	330	14
74-88-4	Iodomethane	ND		33	6.0
78-83-1	Isobutanol	ND		1700	270
126-98-7	Methacrylonitrile	ND		67	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW505B/050814 | Lab Sample ID: 240-37120-3

Matrix: Water | Lab File ID: UXR3570.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 15:32

Soil Aliquot Vol: | Dilution Factor: 33.33

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	14	J B	33	11
80-62-6	Methyl methacrylate	ND		67	16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	*	330	11
107-12-0	Propionitrile	ND		130	40
100-42-5	Styrene	ND		33	3.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		33	7.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		33	6.0
127-18-4	Tetrachloroethene	ND		33	9.7
108-88-3	Toluene	ND		33	4.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		33	5.0
156-60-5	trans-1,2-Dichloroethene	ND		33	6.3
10061-02-6	trans-1,3-Dichloropropene	ND		33	6.3
71-55-6	1,1,1-Trichloroethane	ND		33	7.3
79-00-5	1,1,2-Trichloroethane	ND		33	9.0
79-01-6	Trichloroethene	ND		33	5.7
75-69-4	Trichlorofluoromethane	ND		33	7.0
96-18-4	1,2,3-Trichloropropane	ND		33	14
108-05-4	Vinyl acetate	ND	*	67	6.3
75-01-4	Vinyl chloride	ND		33	7.3
1330-20-7	Xylenes, Total	ND		67	4.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		66-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		63-129
2037-26-5	Toluene-d8 (Surr)	96		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3570.D
Lims ID: 240-37120-C-3 Lab Sample ID: 240-37120-3
Client ID: MW505B/050814
Sample Type: Client
Inject. Date: 21-May-2014 15:32:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 33.3300
Sample Info: 240-0031233-014
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 22-May-2014 09:46:43 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

First Level Reviewer: williamsla Date: 21-May-2014 15:54:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	765523	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	589227	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	319935	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	58	153599	8.83	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	208893	9.47	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	692056	8.57	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	90	217029	7.50	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62	1.957	1.957	0.000	30	5629	0.1933	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.431				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.237	3.238	-0.001	84	20537	3.24	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76		3.392				ND	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84	3.641	3.641	0.000	72	10340	0.4336	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	55	3132	0.1428	
33 1,1-Dichloroethane	63		4.269				ND	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	40	18430	0.7765	
40 2-Butanone (MEK)	43		4.791				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.981				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78		5.538				ND	
53 1,2-Dichloroethane	62	5.562	5.550	0.012	11	3291	0.1243	
57 Trichloroethene	130		6.084				ND	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
63 1,4-Dioxane	88	6.392	6.392	0.000	94	77007	417.2	
62 Dibromomethane	93		6.392				ND	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.459				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.945				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112		8.503				ND	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96				0		0.9193	
S 130 Xylenes, Total	106		16.530				0	

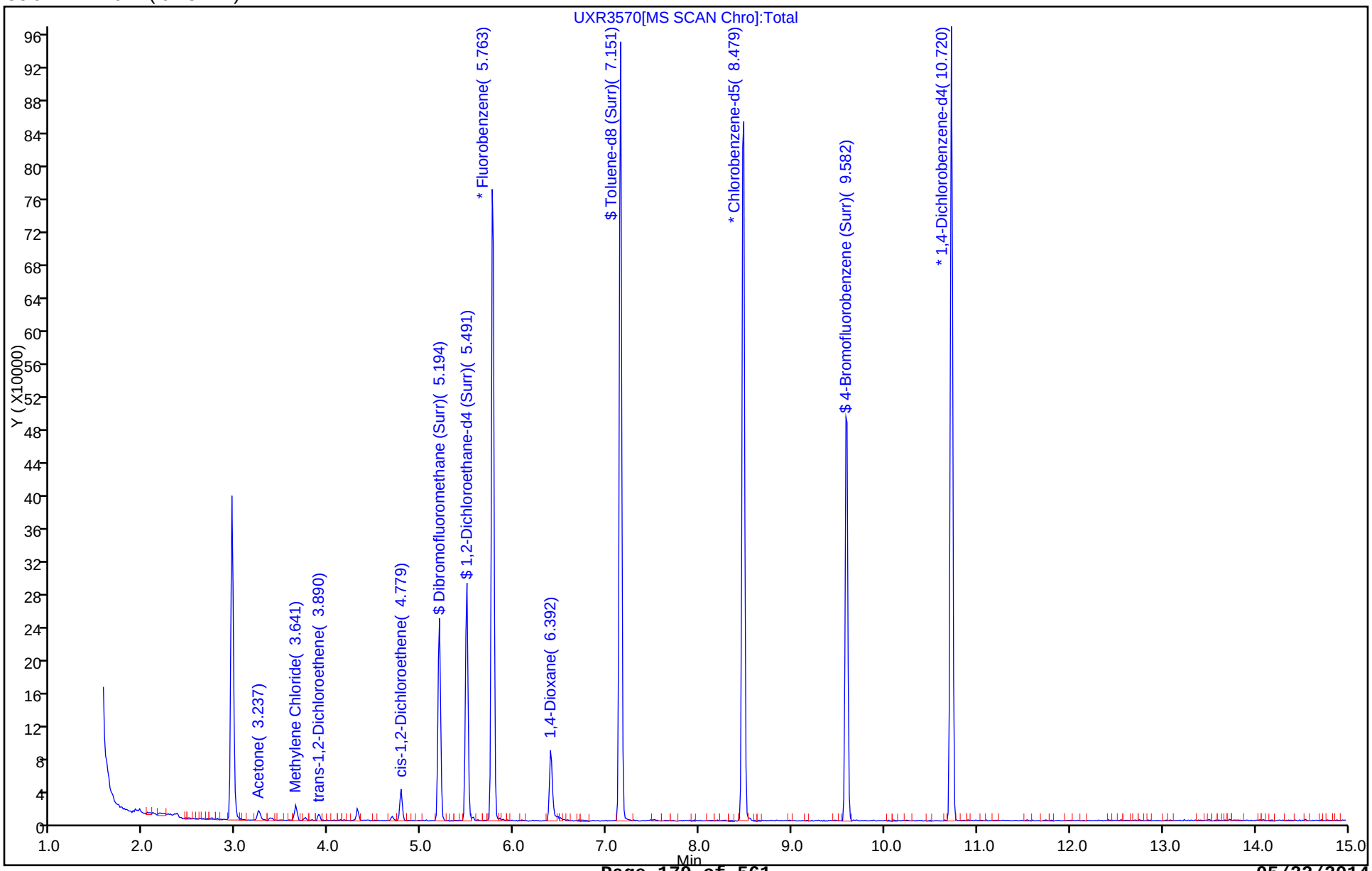
QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 22-May-2014 09:46:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3570.D				
Injection Date:	21-May-2014 15:32:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-C-3	Lab Sample ID:	240-37120-3	Worklist Smp#:	14
Client ID:	MW505B/050814				
Purge Vol:	5.000 mL	Dil. Factor:	33.3300	ALS Bottle#:	13
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					

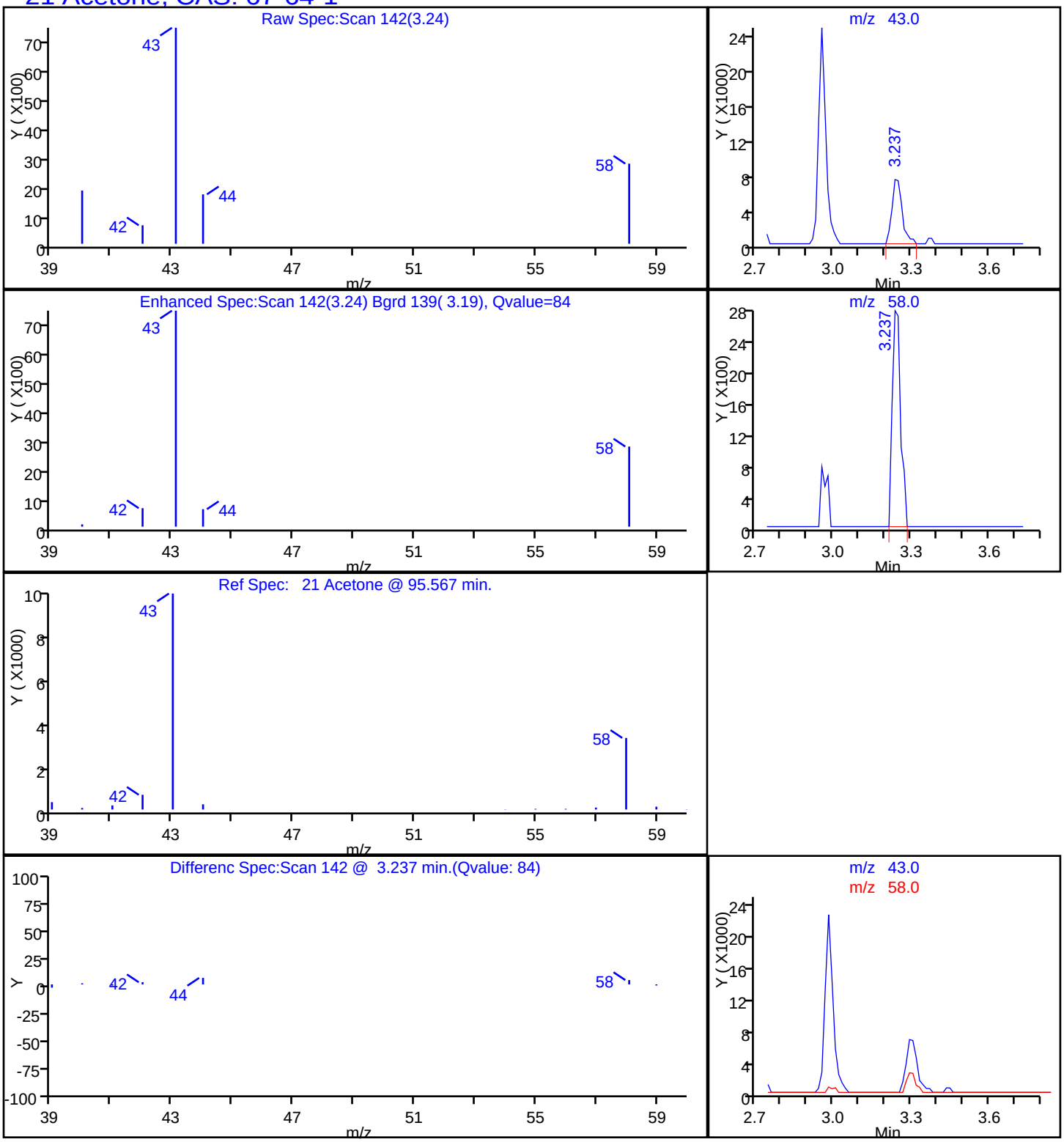


Report Date: 22-May-2014 09:46:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3570.D				
Injection Date:	21-May-2014 15:32:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-3	Lab Sample ID:	240-37120-3		
Client ID:	MW505B/050814				
Operator ID:	1644	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	33.3300		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1

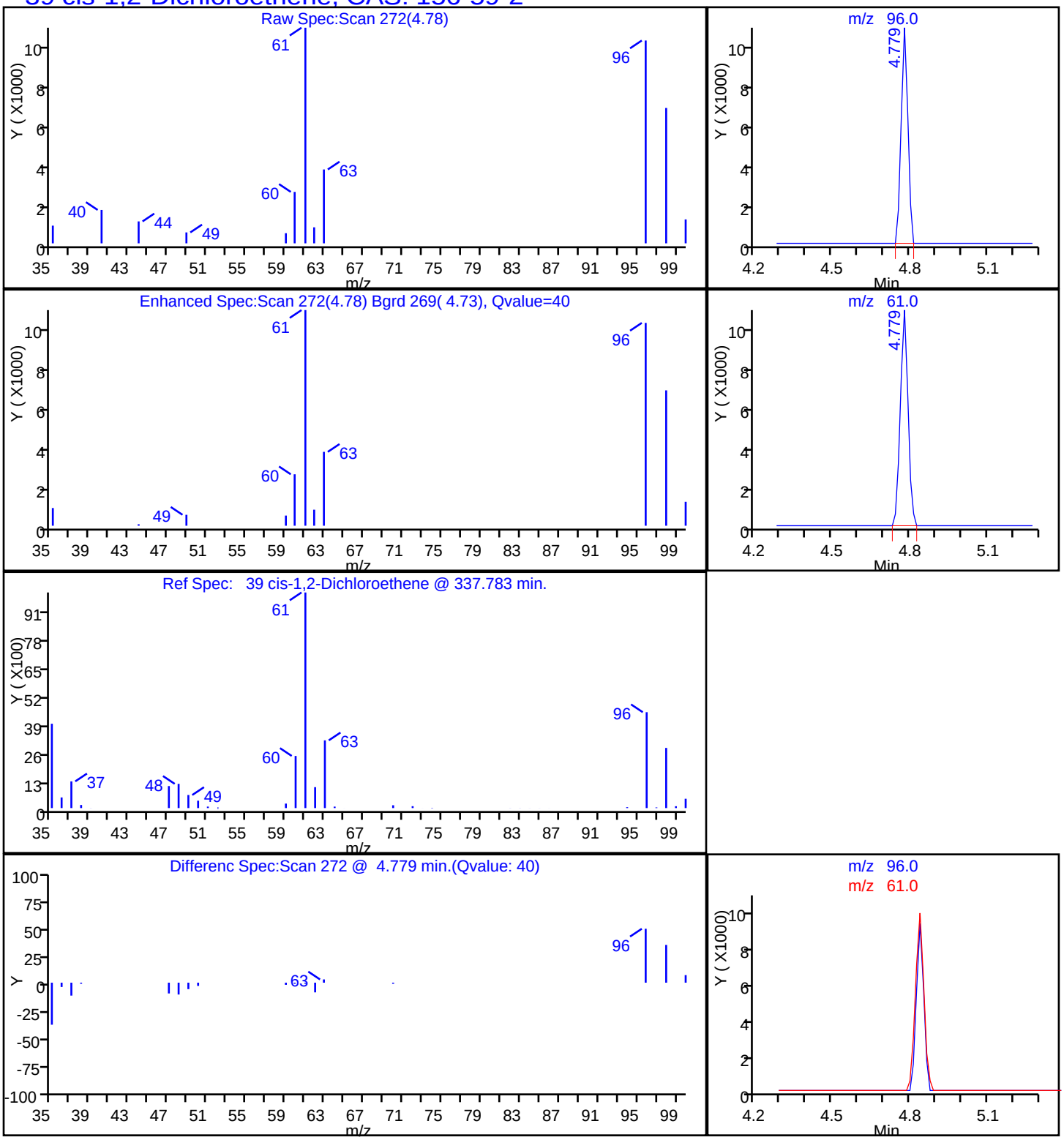


Report Date: 22-May-2014 09:46:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3570.D				
Injection Date:	21-May-2014 15:32:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-3	Lab Sample ID:	240-37120-3		
Client ID:	MW505B/050814				
Operator ID:	1644	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	33.3300		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2

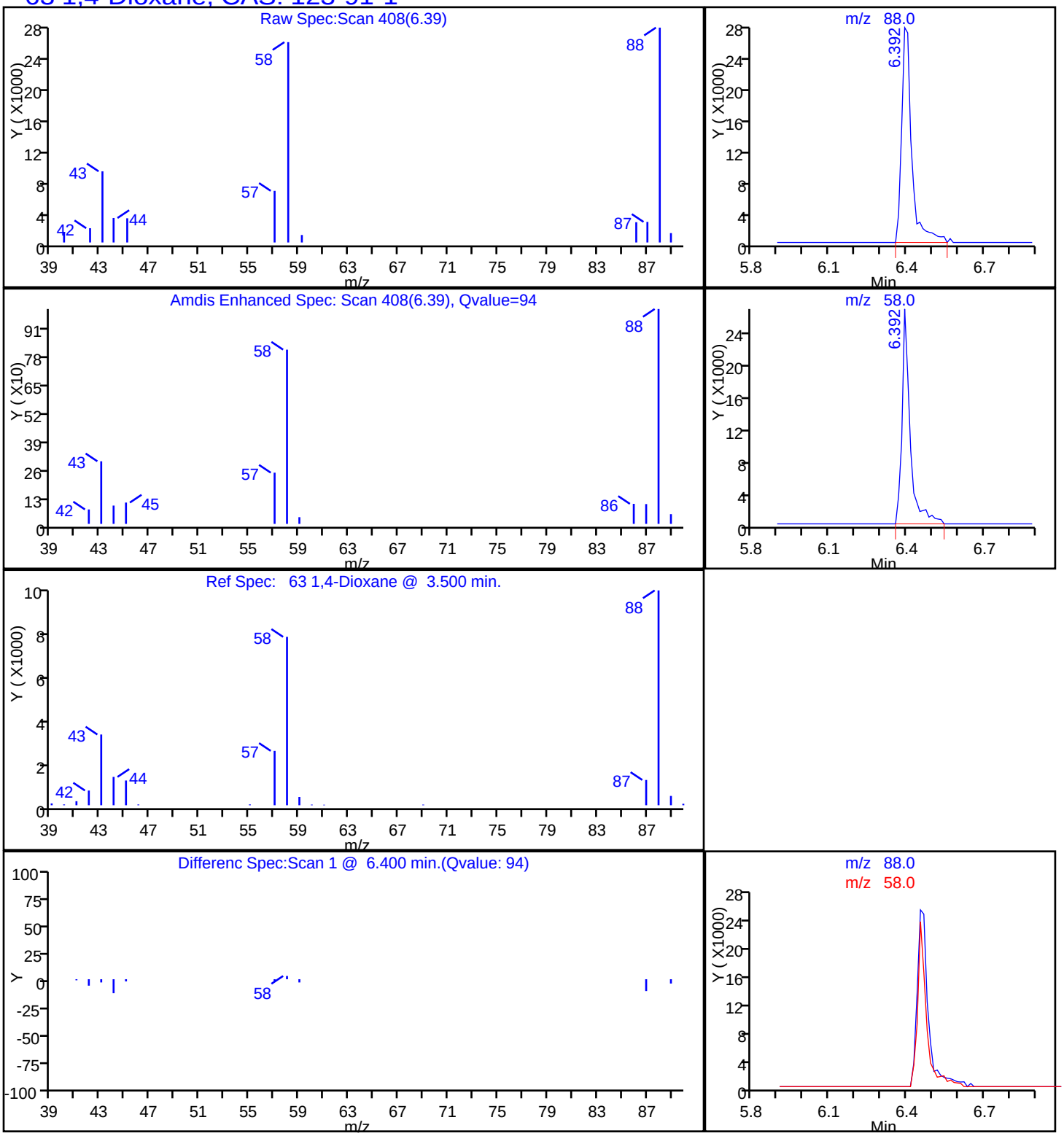


Report Date: 22-May-2014 09:46:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3570.D				
Injection Date:	21-May-2014 15:32:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-3	Lab Sample ID:	240-37120-3		
Client ID:	MW505B/050814				
Operator ID:	1644	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	33.3300		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 1,4-Dioxane, CAS: 123-91-1

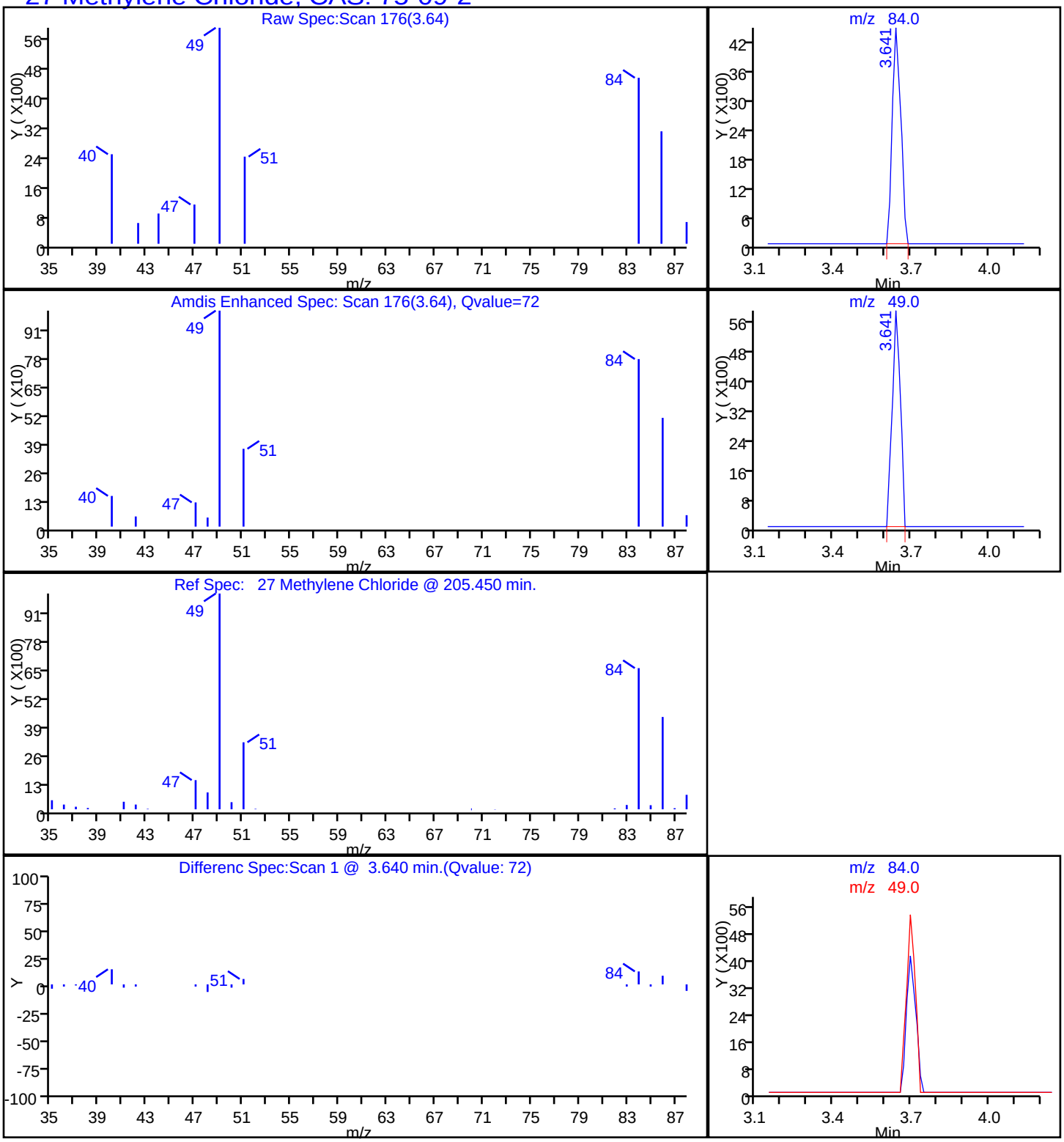


Report Date: 22-May-2014 09:46:47 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3570.D				
Injection Date:	21-May-2014 15:32:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-3	Lab Sample ID:	240-37120-3		
Client ID:	MW505B/050814				
Operator ID:	1644	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	33.3300		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW505A/050814 | Lab Sample ID: 240-37120-4

Matrix: Water | Lab File ID: UXR3571.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 15:54

Soil Aliquot Vol: | Dilution Factor: 6.67

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	25	J *	67	7.3
75-05-8	Acetonitrile	ND		130	23
107-02-8	Acrolein	ND		130	15
107-13-1	Acrylonitrile	ND		130	13
71-43-2	Benzene	2.5	J	6.7	0.87
75-27-4	Bromodichloromethane	ND		6.7	1.0
75-25-2	Bromoform	ND		6.7	4.3
74-83-9	Bromomethane	ND		6.7	2.7
78-93-3	2-Butanone	ND	*	67	3.8
75-15-0	Carbon disulfide	ND		6.7	0.87
56-23-5	Carbon tetrachloride	ND		6.7	0.87
108-90-7	Chlorobenzene	ND		6.7	1.0
75-00-3	Chloroethane	ND		6.7	1.9
67-66-3	Chloroform	ND		6.7	1.1
74-87-3	Chloromethane	ND		6.7	2.0
126-99-8	Chloroprene	ND		13	1.9
107-05-1	3-Chloro-1-propene	ND		13	2.3
156-59-2	cis-1,2-Dichloroethene	260		6.7	1.1
10061-01-5	cis-1,3-Dichloropropene	ND		6.7	0.93
124-48-1	Dibromochloromethane	ND		6.7	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		13	4.5
74-95-3	Dibromomethane	ND		6.7	1.9
75-71-8	Dichlorodifluoromethane	ND		6.7	2.1
75-34-3	1,1-Dichloroethane	4.0	J	6.7	1.0
107-06-2	1,2-Dichloroethane	100		6.7	1.5
75-35-4	1,1-Dichloroethene	ND		6.7	1.3
540-59-0	1,2-Dichloroethene, Total	290		13	1.1
78-87-5	1,2-Dichloropropane	ND		6.7	1.2
123-91-1	1,4-Dioxane	3100		330	130
100-41-4	Ethylbenzene	ND		6.7	1.1
106-93-4	Ethylene Dibromide	ND		6.7	1.6
97-63-2	Ethyl methacrylate	ND		6.7	0.93
591-78-6	2-Hexanone	ND	*	67	2.7
74-88-4	Iodomethane	ND		6.7	1.2
78-83-1	Isobutanol	ND		330	55
126-98-7	Methacrylonitrile	ND		13	3.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW505A/050814 | Lab Sample ID: 240-37120-4

Matrix: Water | Lab File ID: UXR3571.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 15:54

Soil Aliquot Vol: | Dilution Factor: 6.67

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		6.7	2.2
80-62-6	Methyl methacrylate	ND		13	3.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	*	67	2.1
107-12-0	Propionitrile	ND		27	8.0
100-42-5	Styrene	ND		6.7	0.73
630-20-6	1,1,1,2-Tetrachloroethane	ND		6.7	1.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.7	1.2
127-18-4	Tetrachloroethene	ND		6.7	1.9
108-88-3	Toluene	ND		6.7	0.87
110-57-6	trans-1,4-Dichloro-2-butene	ND		6.7	1.0
156-60-5	trans-1,2-Dichloroethene	28		6.7	1.3
10061-02-6	trans-1,3-Dichloropropene	ND		6.7	1.3
71-55-6	1,1,1-Trichloroethane	ND		6.7	1.5
79-00-5	1,1,2-Trichloroethane	ND		6.7	1.8
79-01-6	Trichloroethene	3.8	J	6.7	1.1
75-69-4	Trichlorofluoromethane	ND		6.7	1.4
96-18-4	1,2,3-Trichloropropane	ND		6.7	2.9
108-05-4	Vinyl acetate	ND	*	13	1.3
75-01-4	Vinyl chloride	54		6.7	1.5
1330-20-7	Xylenes, Total	ND		13	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		66-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-129
2037-26-5	Toluene-d8 (Surr)	93		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D
Lims ID: 240-37120-C-4 Lab Sample ID: 240-37120-4
Client ID: MW505A/050814
Sample Type: Client
Inject. Date: 21-May-2014 15:54:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 6.6700
Sample Info: 240-0031233-015
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 22-May-2014 09:46:43 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

First Level Reviewer: williamsla Date: 21-May-2014 16:33:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	779702	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	611077	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	321049	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	57	155631	8.79	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	214660	9.55	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	693006	8.28	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	92	226941	7.56	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62	1.957	1.957	0.000	83	240531	8.11	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.431				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.238	3.238	0.000	84	23538	3.77	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76		3.392				ND	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84	3.653	3.641	0.012	65	6493	0.2673	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	94	92376	4.14	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	47	23536	0.6024	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	68	950920	39.3	
40 2-Butanone (MEK)	43		4.791				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.981				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78	5.538	5.538	0.000	57	36102	0.3716	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	91	408303	15.1	
57 Trichloroethene	130	6.084	6.084	0.000	75	13071	0.5699	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
63 1,4-Dioxane	88	6.392	6.392	0.000	93	87307	464.4	
62 Dibromomethane	93		6.392				ND	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.459				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.945				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112		8.503				ND	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96				0		43.5	
S 130 Xylenes, Total	106		16.530				0	

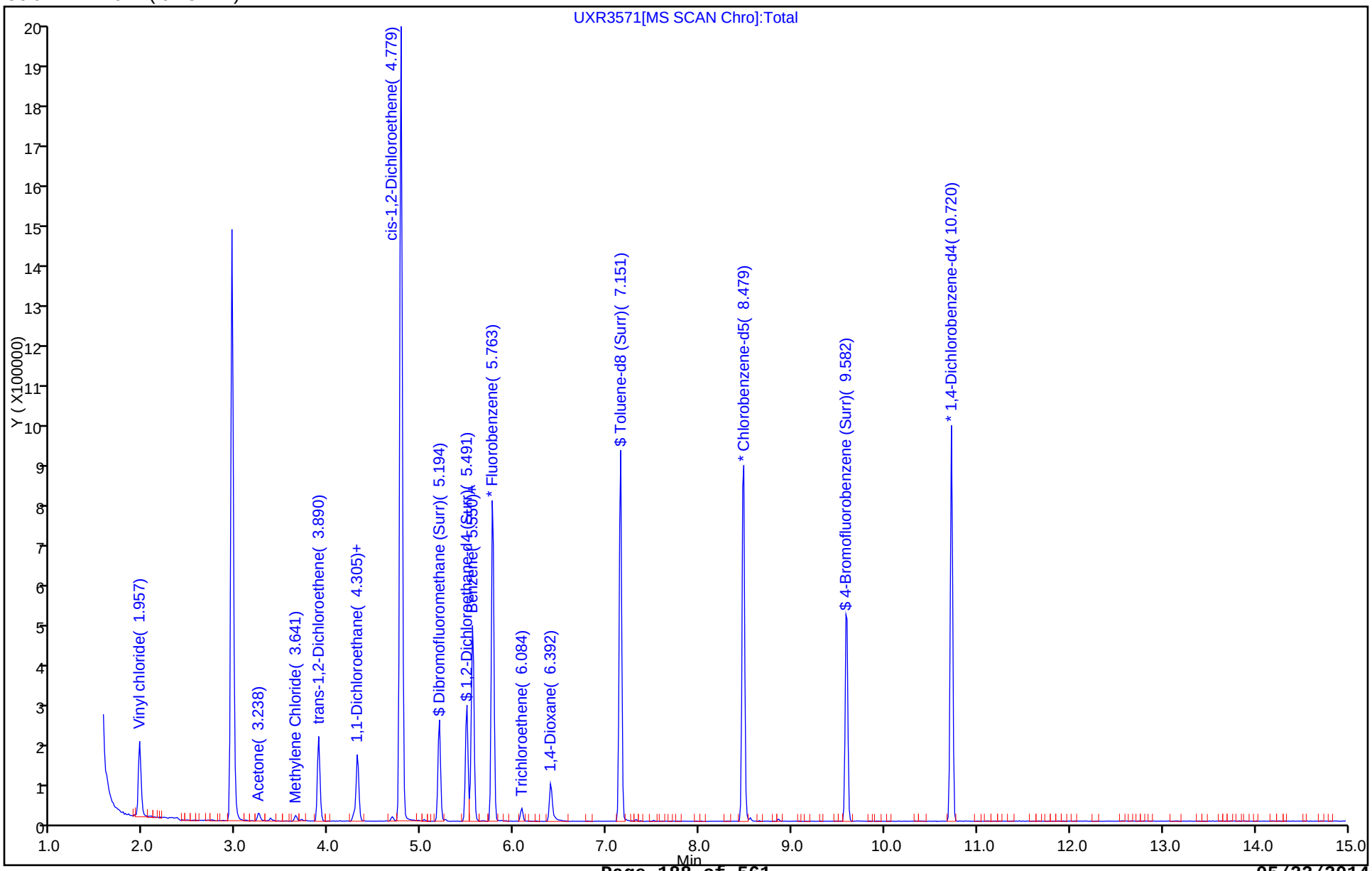
QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4	Worklist Smp#:	15
Client ID:	MW505A/050814				
Purge Vol:	5.000 mL	Dil. Factor:	6.6700	ALS Bottle#:	14
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					

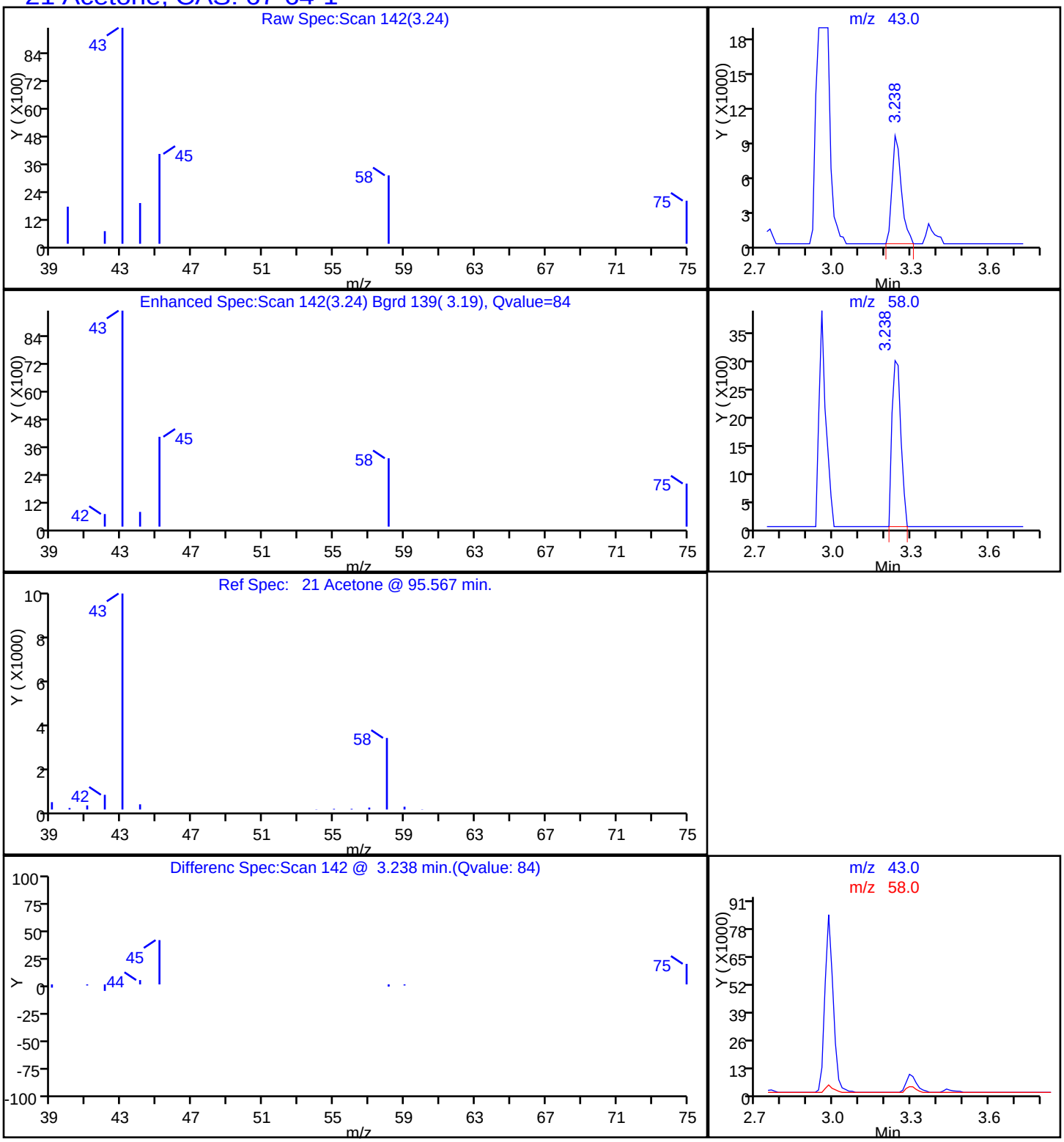


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1

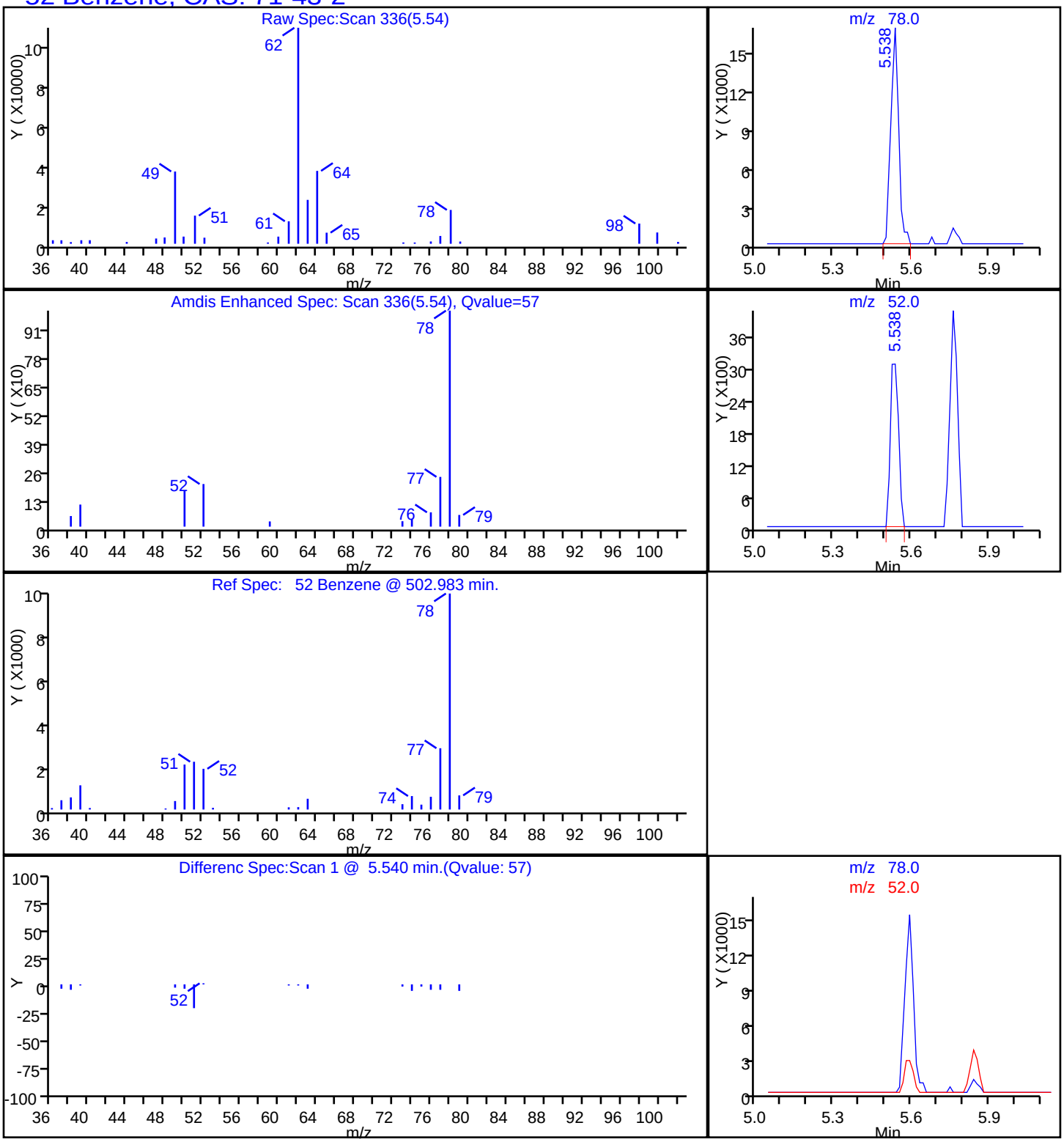


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

52 Benzene, CAS: 71-43-2

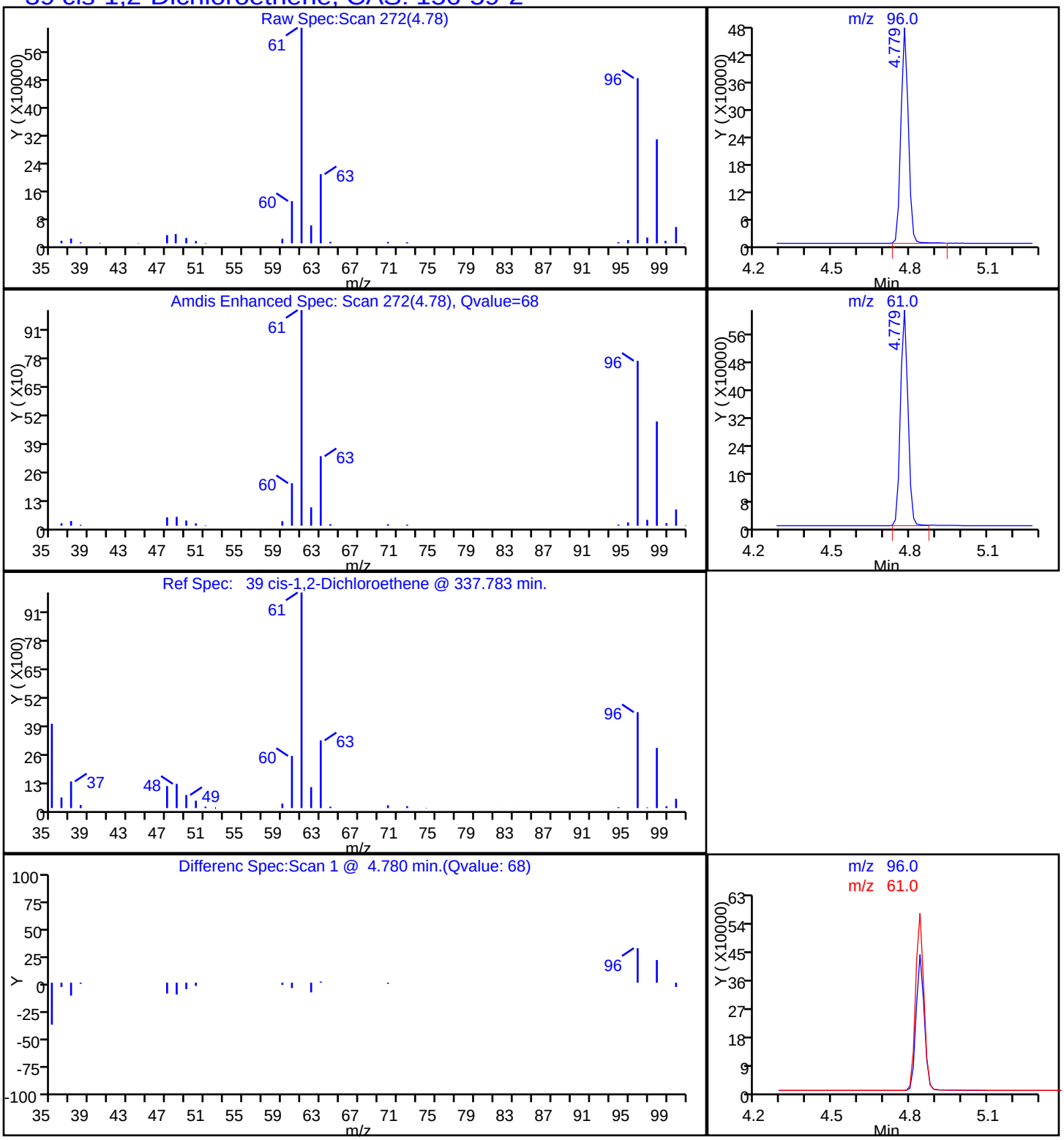


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2

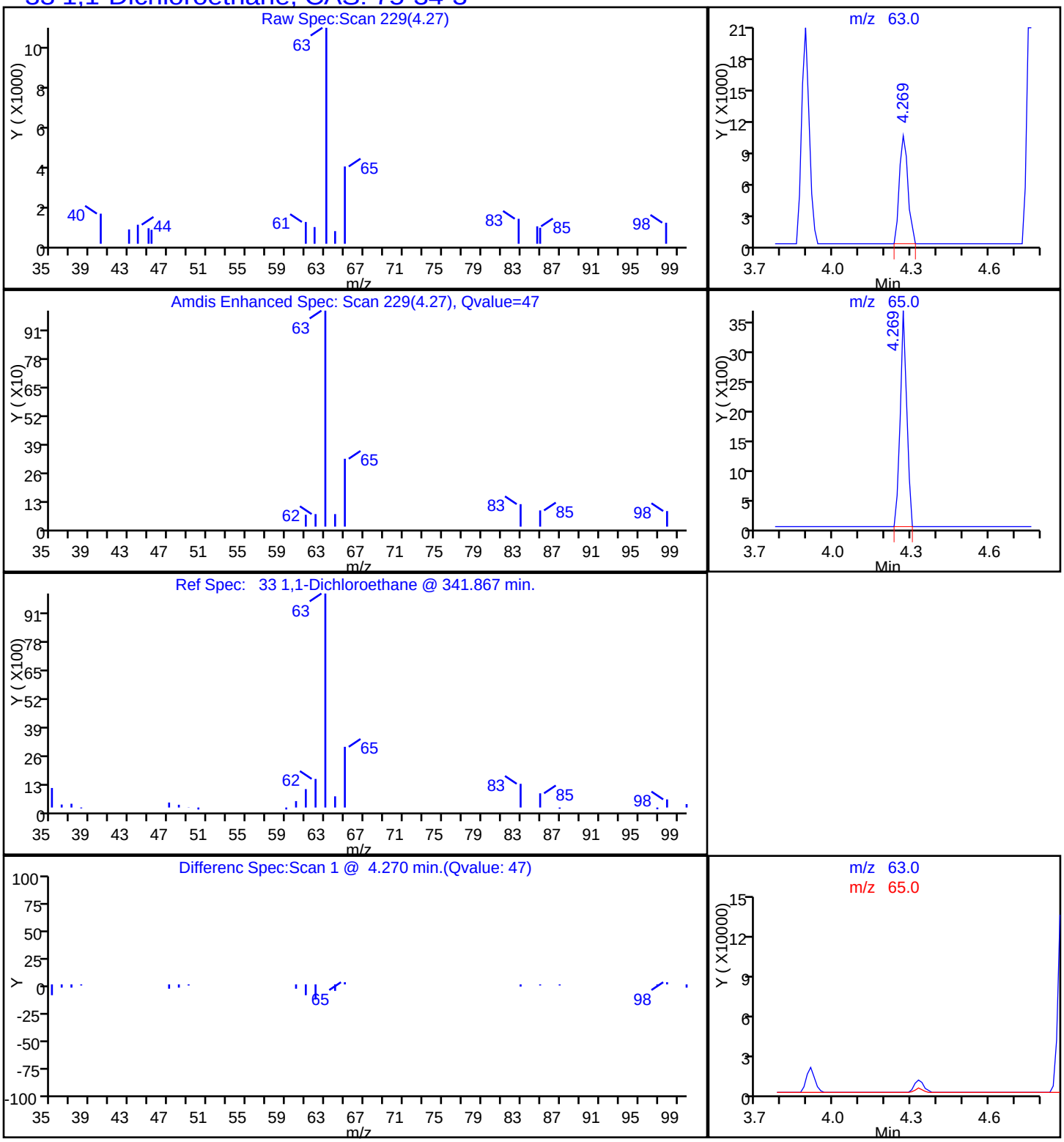


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

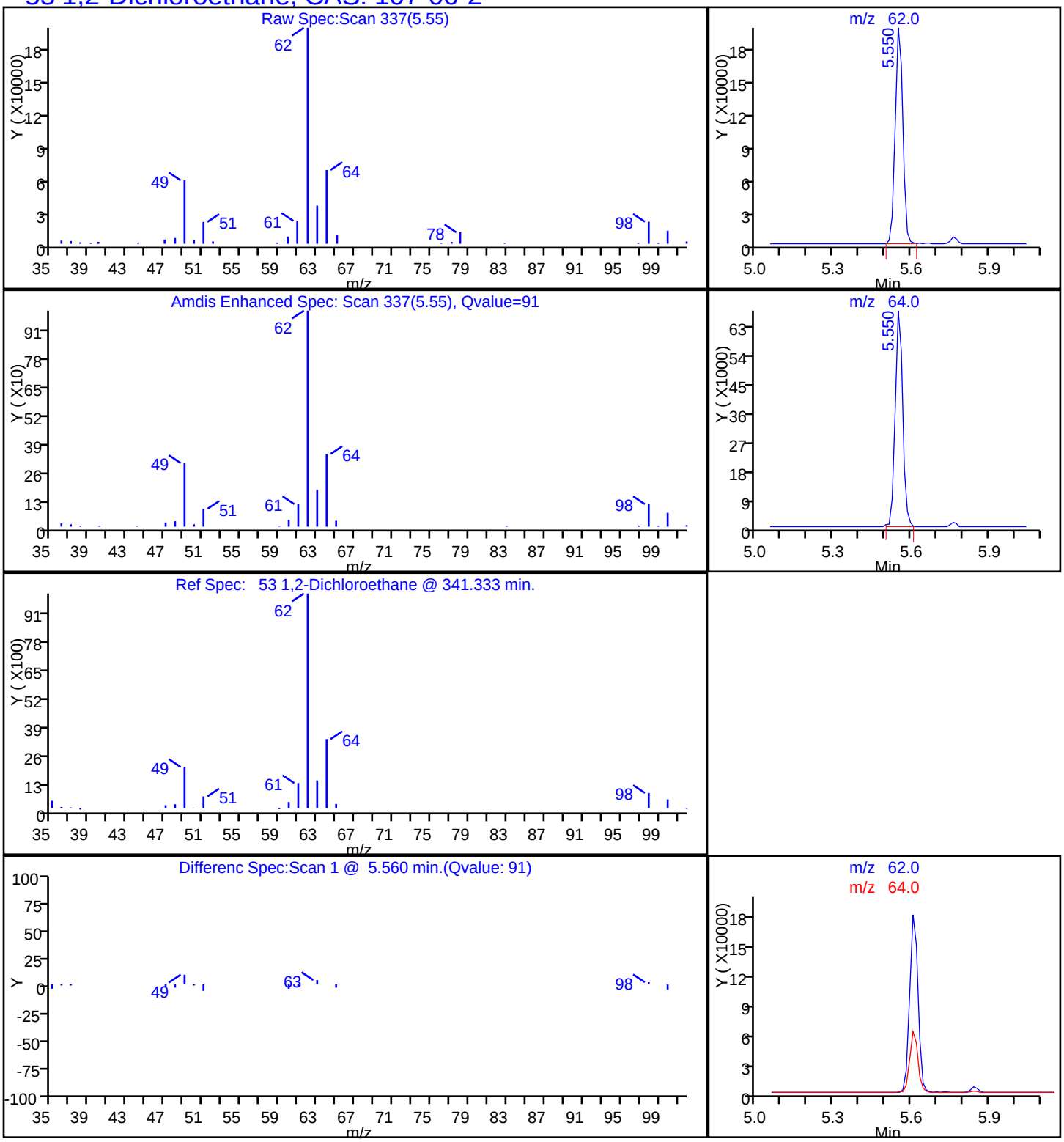


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

53 1,2-Dichloroethane, CAS: 107-06-2

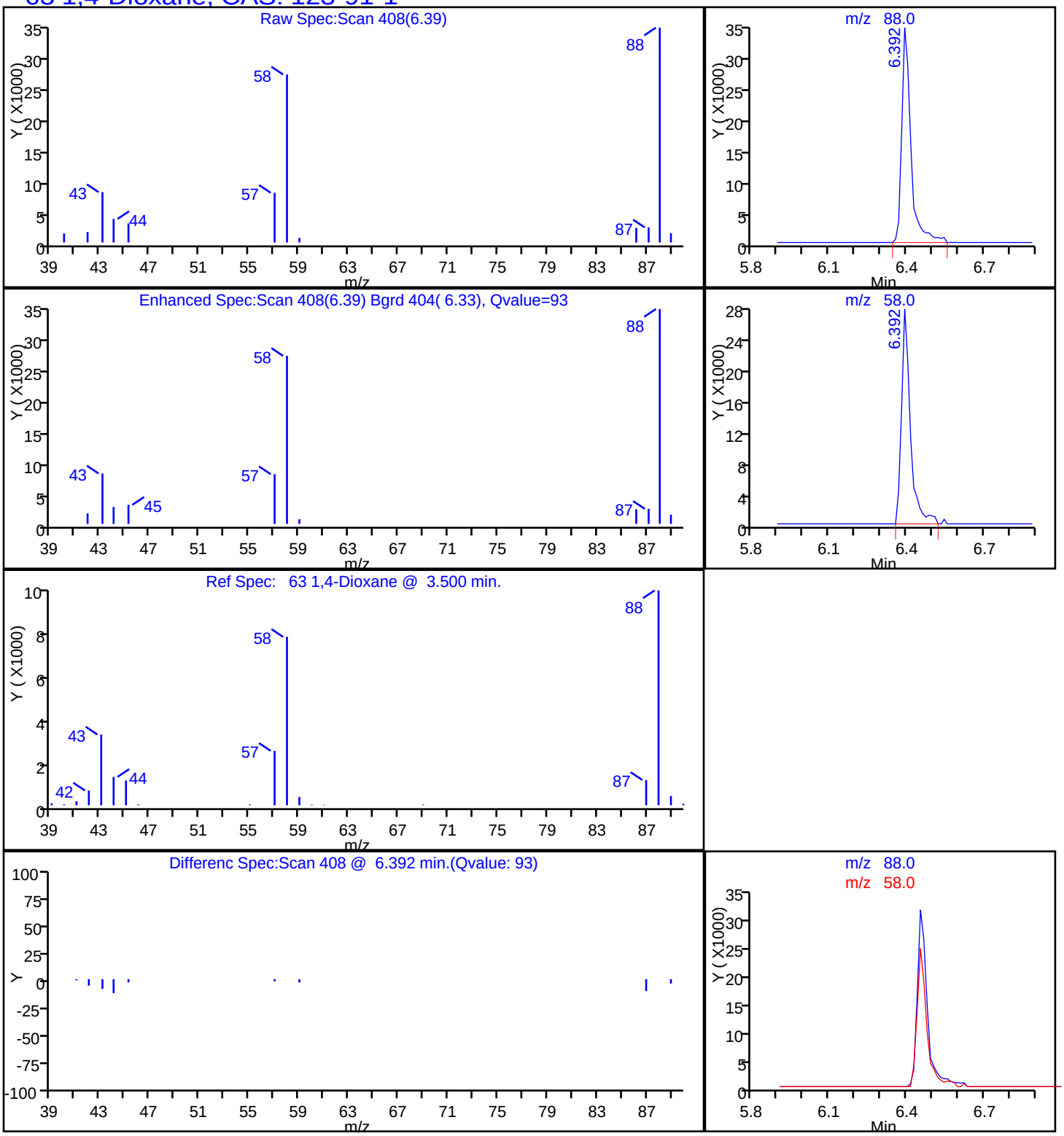


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 1,4-Dioxane, CAS: 123-91-1

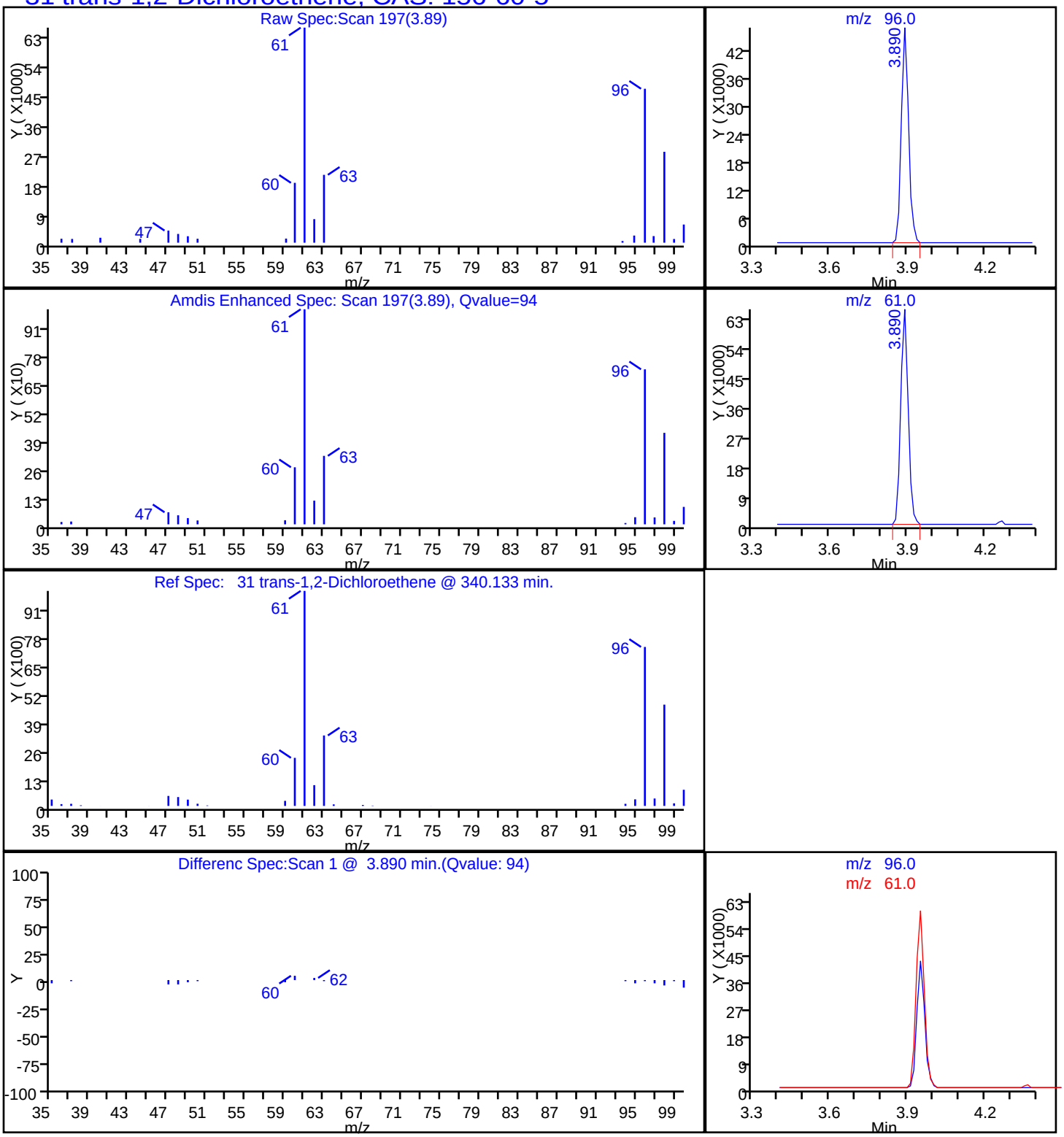


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

31 trans-1,2-Dichloroethene, CAS: 156-60-5

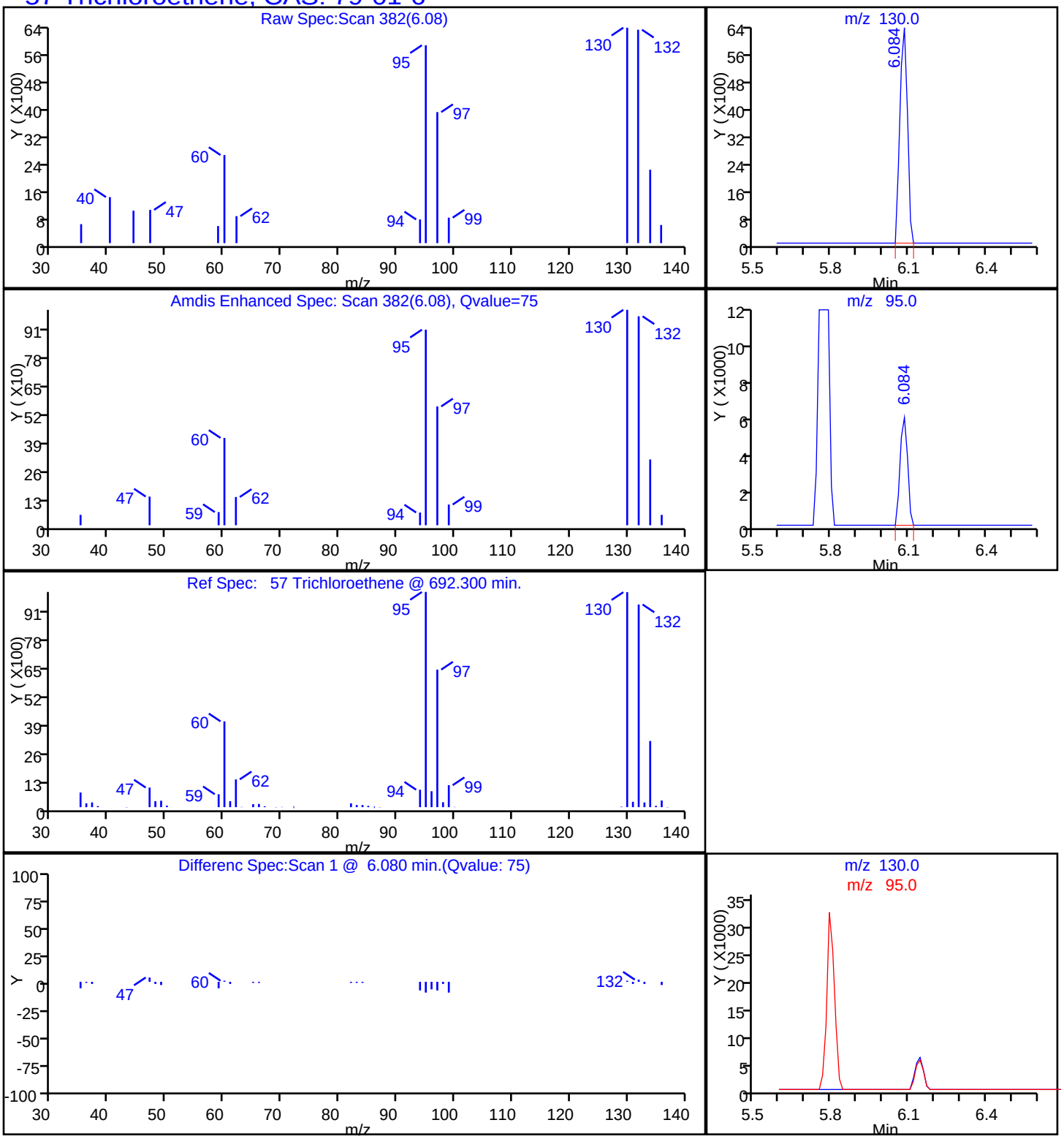


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 Trichloroethene, CAS: 79-01-6

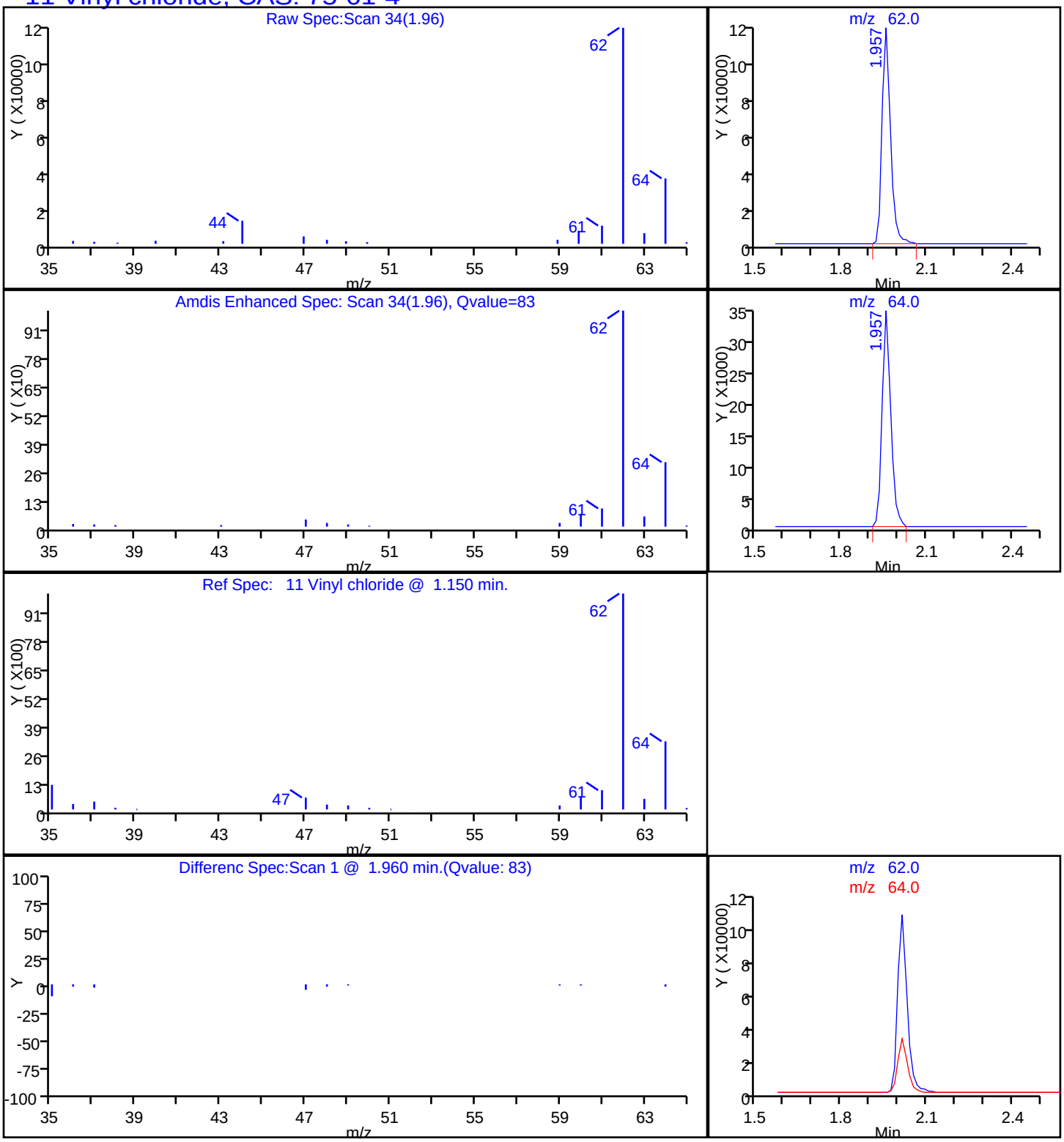


Report Date: 22-May-2014 09:46:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3571.D				
Injection Date:	21-May-2014 15:54:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-4	Lab Sample ID:	240-37120-4		
Client ID:	MW505A/050814				
Operator ID:	1644	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	6.6700		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

11 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW509A/050814 | Lab Sample ID: 240-37120-5

Matrix: Water | Lab File ID: UXR3547.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 17:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.9	J	10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	34	J	50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW509A/050814 | Lab Sample ID: 240-37120-5

Matrix: Water | Lab File ID: UXR3547.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 17:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND	*	2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	81		66-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		63-129
2037-26-5	Toluene-d8 (Surr)	89		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3547.D
Lims ID: 240-37120-C-5 Lab Sample ID: 240-37120-5
Client ID: MW509A/050814
Sample Type: Client
Inject. Date: 20-May-2014 17:23:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-020
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 21-May-2014 09:32:34 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: williamsla Date: 21-May-2014 09:27:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.775	-0.012	99	712538	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	581037	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	295889	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	58	147350	9.10	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	211912	10.3	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	631388	7.93	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	90	206473	7.23	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62		1.957				ND	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.419				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.249	3.238	0.011	72	13062	1.90	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76		3.392				ND	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84		3.641				ND	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96		3.890				ND	
33 1,1-Dichloroethane	63		4.269				ND	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96		4.779				ND	
40 2-Butanone (MEK)	43		4.779				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.980				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78		5.538				ND	
53 1,2-Dichloroethane	62		5.550				ND	
57 Trichloroethene	130		6.084				ND	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
62 Dibromomethane	93		6.392				ND	
63 1,4-Dioxane	88	6.404	6.392	0.012	59	5788	33.7	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.447				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.933				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112		8.503				ND	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96		1.140				0	
S 130 Xylenes, Total	106		16.530				0	

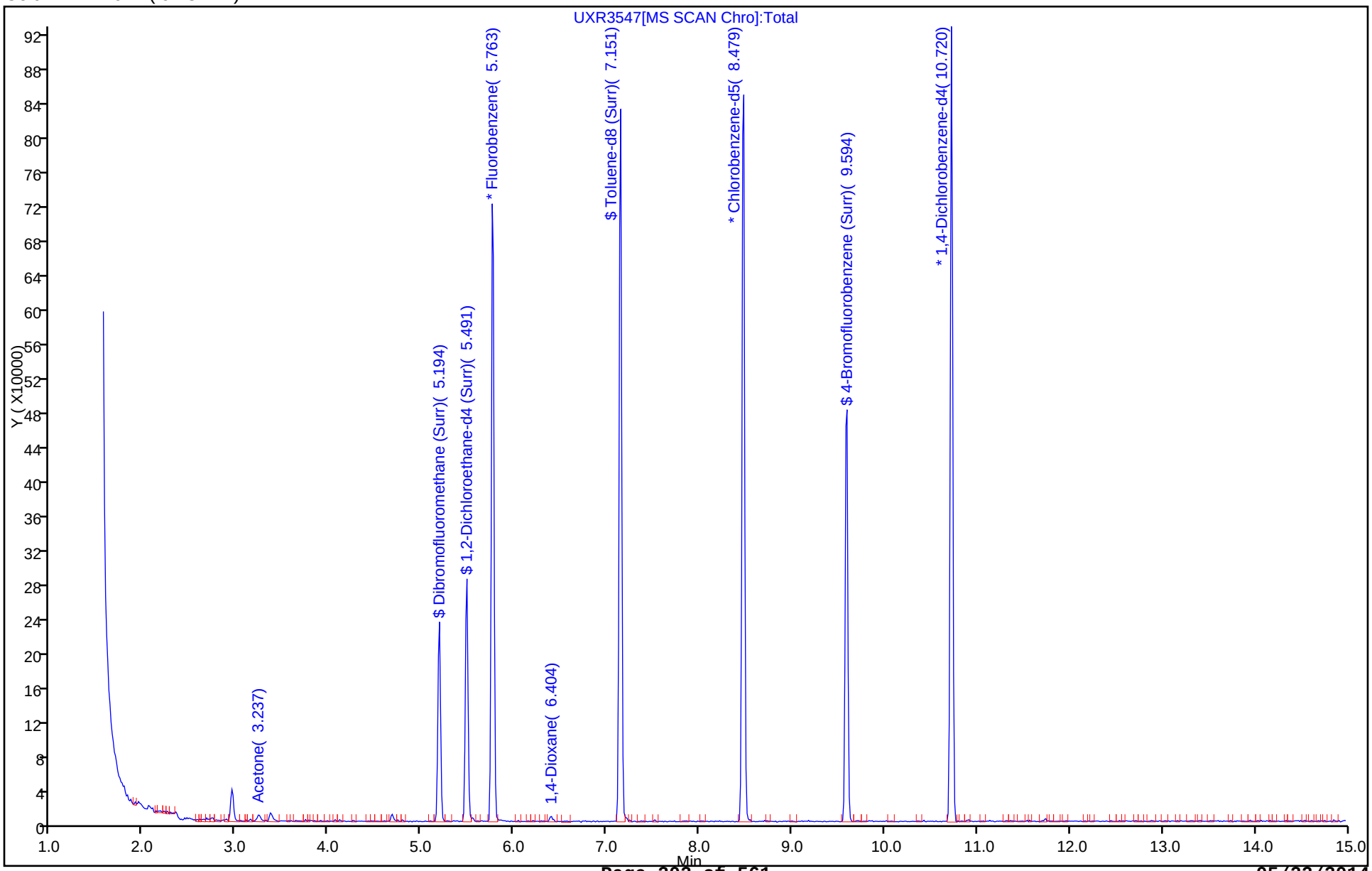
QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 21-May-2014 09:51:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3547.D				
Injection Date:	20-May-2014 17:23:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-C-5	Lab Sample ID:	240-37120-5	Worklist Smp#:	20
Client ID:	MW509A/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					

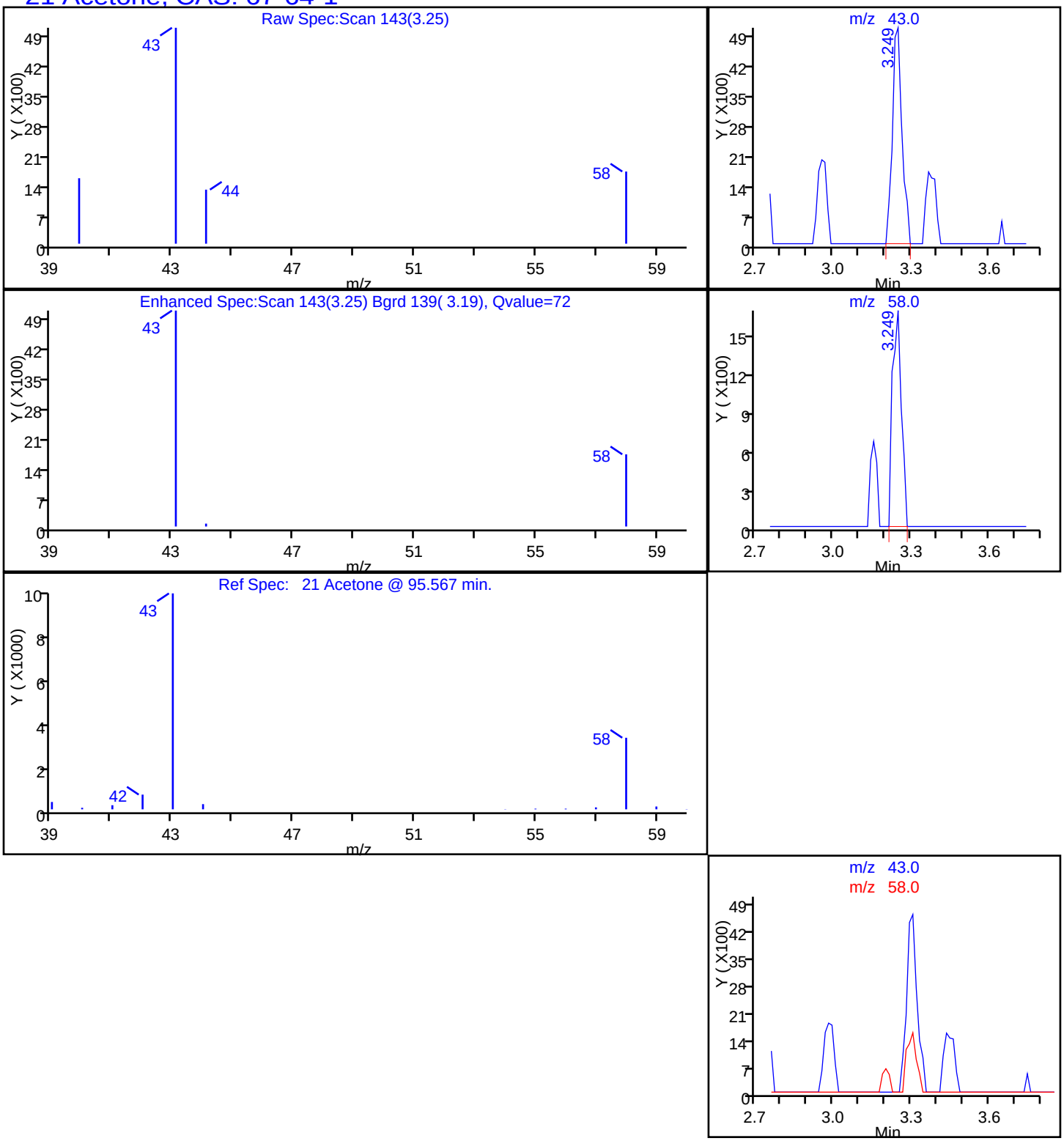


Report Date: 21-May-2014 09:51:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3547.D				
Injection Date:	20-May-2014 17:23:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-5	Lab Sample ID:	240-37120-5		
Client ID:	MW509A/050814				
Operator ID:	1644	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1

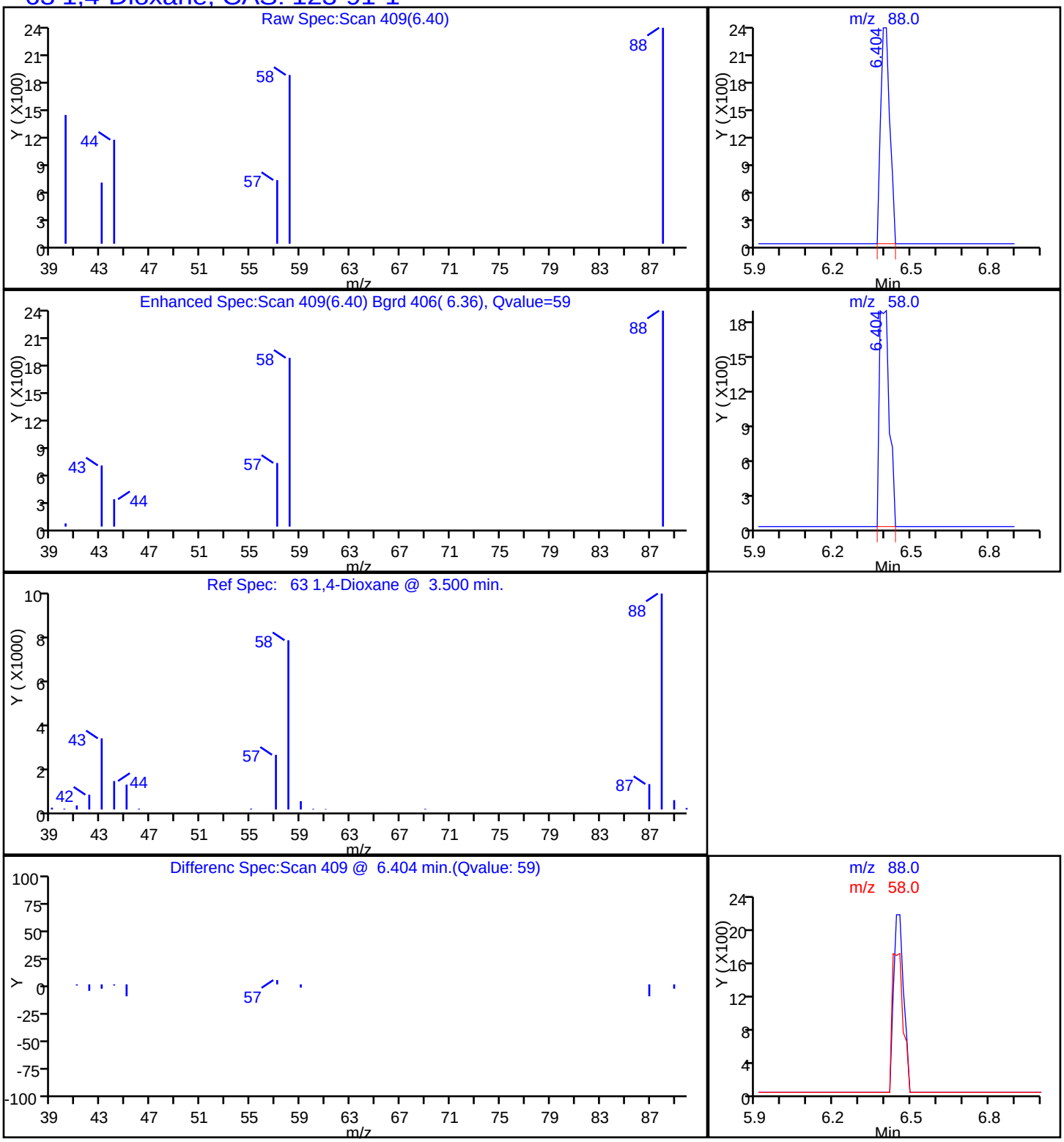


Report Date: 21-May-2014 09:51:48 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3547.D				
Injection Date:	20-May-2014 17:23:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-5	Lab Sample ID:	240-37120-5		
Client ID:	MW509A/050814				
Operator ID:	1644	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 1,4-Dioxane, CAS: 123-91-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW509B/050814 | Lab Sample ID: 240-37120-6

Matrix: Water | Lab File ID: UXR3548.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 17:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	120		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW509B/050814 | Lab Sample ID: 240-37120-6

Matrix: Water | Lab File ID: UXR3548.D

Analysis Method: 8260B | Date Collected: 05/08/2014 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 17:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND	*	2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		66-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		63-129
2037-26-5	Toluene-d8 (Surr)	92		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3548.D
Lims ID: 240-37120-B-6 Lab Sample ID: 240-37120-6
Client ID: MW509B/050814
Sample Type: Client
Inject. Date: 20-May-2014 17:45:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-021
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 21-May-2014 09:32:34 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: williamsla Date: 21-May-2014 09:27:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.775	-0.012	99	713562	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	568582	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	305610	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	56	149118	9.20	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.490	5.491	-0.001	0	201499	9.80	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	635108	8.15	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	91	210440	7.53	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62		1.957				ND	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.419				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.237	3.238	-0.001	72	5476	0.2211	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76		3.392				ND	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84		3.641				ND	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96		3.890				ND	
33 1,1-Dichloroethane	63		4.269				ND	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96		4.779				ND	
40 2-Butanone (MEK)	43		4.779				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.980				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78		5.538				ND	
53 1,2-Dichloroethane	62		5.550				ND	
57 Trichloroethene	130		6.084				ND	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
62 Dibromomethane	93		6.392				ND	
63 1,4-Dioxane	88	6.404	6.392	0.012	84	20276	117.8	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.447				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.933				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112		8.503				ND	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96		1.140				0	
S 130 Xylenes, Total	106		16.530				0	

QC Flag Legend

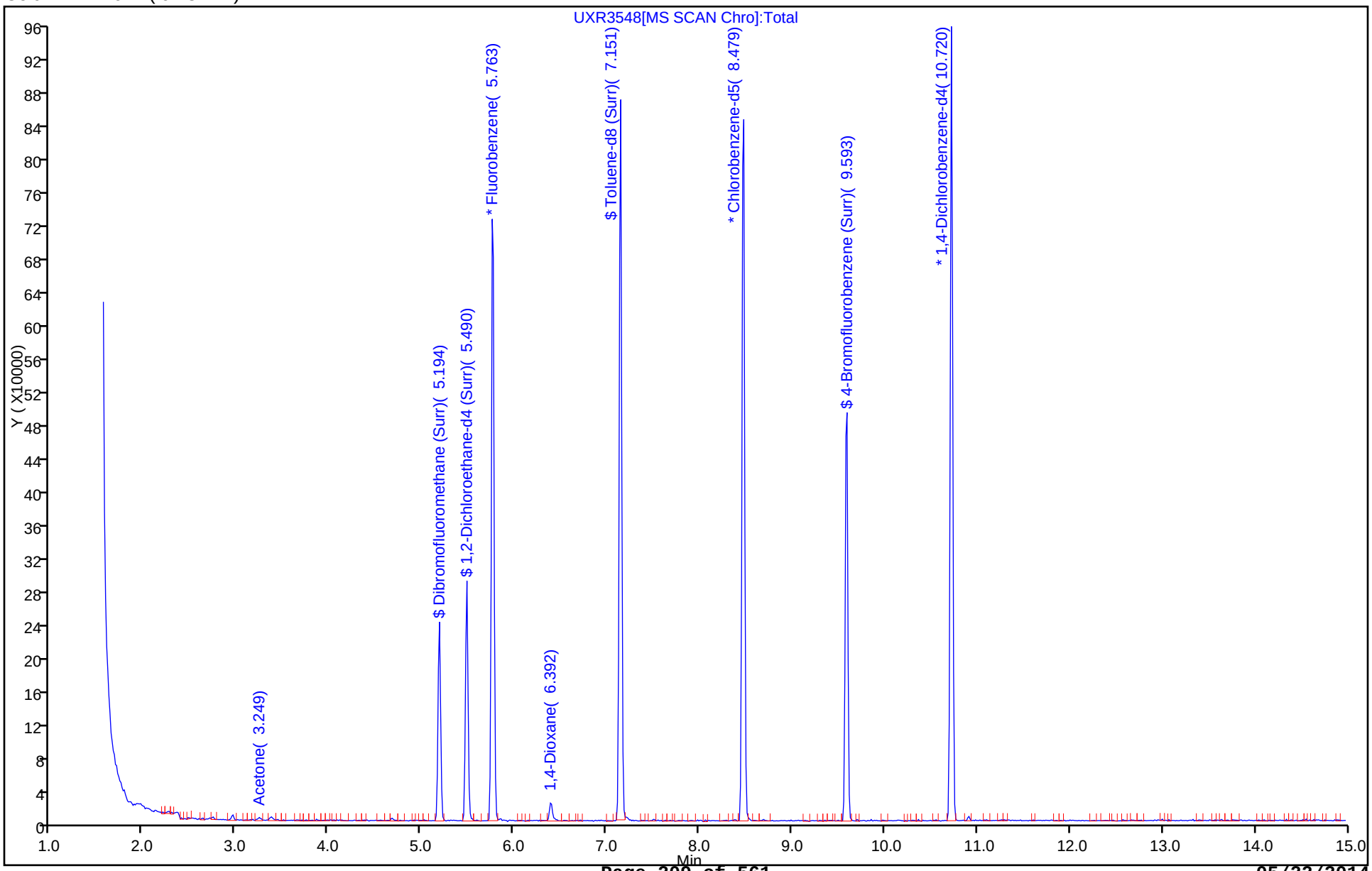
Processing Flags
ND - Not Detected or Marked ND

Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3548.D				
Injection Date:	20-May-2014 17:45:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-B-6	Lab Sample ID:	240-37120-6	Worklist Smp#:	21
Client ID:	MW509B/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)

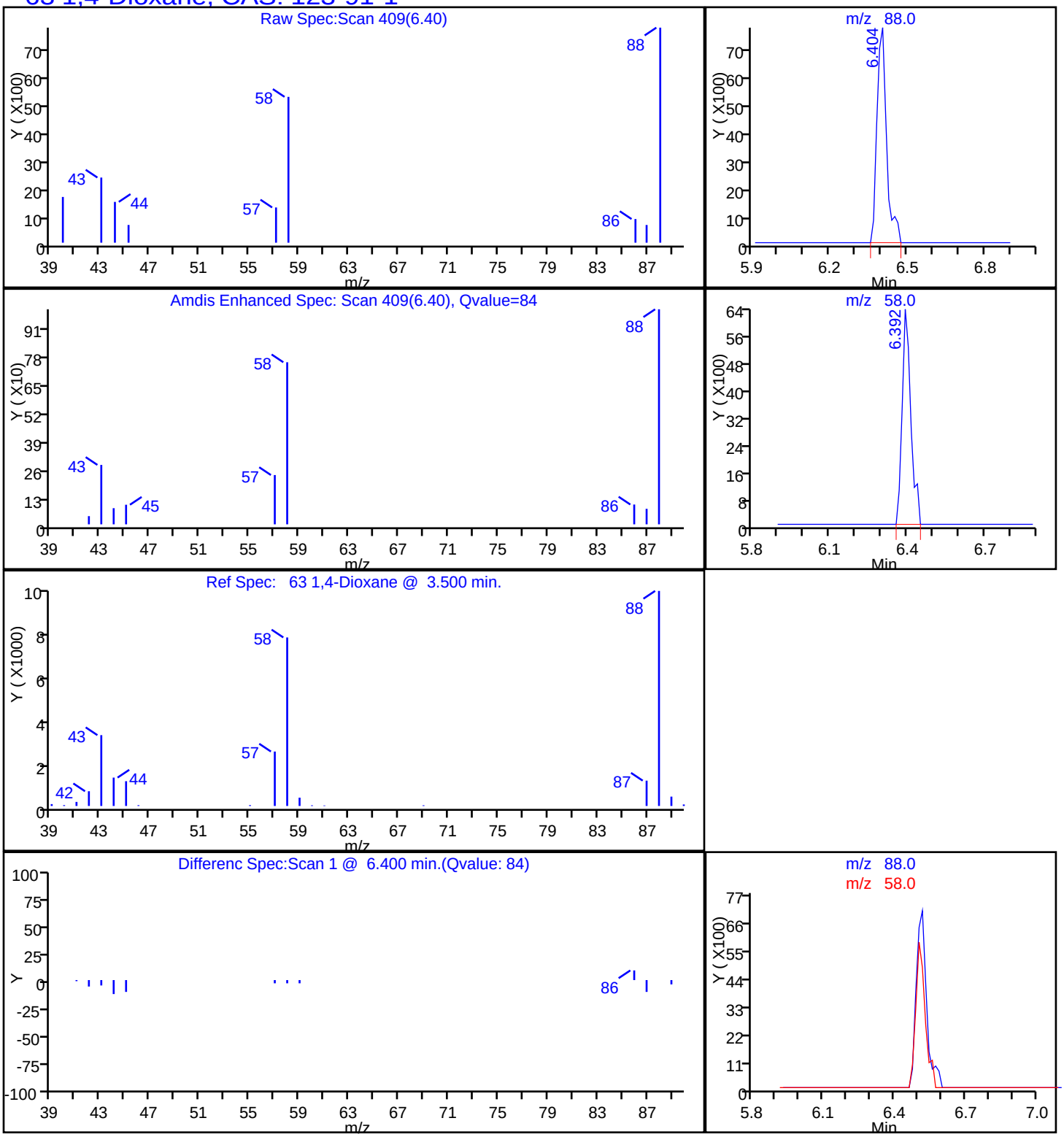


Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3548.D				
Injection Date:	20-May-2014 17:45:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-6	Lab Sample ID:	240-37120-6		
Client ID:	MW509B/050814				
Operator ID:	1644	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 1,4-Dioxane, CAS: 123-91-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW510A/050814 | Lab Sample ID: 240-37120-7

Matrix: Water | Lab File ID: UXR3549.D

Analysis Method: 8260B | Date Collected: 05/08/2014 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 18:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.6	J	10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	0.21	J	1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.2		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	1.2	J	2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	230		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW510A/050814 | Lab Sample ID: 240-37120-7

Matrix: Water | Lab File ID: UXR3549.D

Analysis Method: 8260B | Date Collected: 05/08/2014 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 18:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND	*	2.0	0.19
75-01-4	Vinyl chloride	0.75	J	1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		66-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		63-129
2037-26-5	Toluene-d8 (Surr)	90		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3549.D
Lims ID: 240-37120-B-7 Lab Sample ID: 240-37120-7
Client ID: MW510A/050814
Sample Type: Client
Inject. Date: 20-May-2014 18:08:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-022
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 21-May-2014 09:32:34 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: williamsla Date: 21-May-2014 09:31:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.775	-0.012	99	704633	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	583547	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	95	300138	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	58	150805	9.42	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.490	5.491	-0.001	0	206060	10.1	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	644381	8.06	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	90	214280	7.47	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62	1.957	1.957	0.000	55	20088	0.7493	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.419				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.237	3.238	-0.001	80	11615	1.61	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76	3.392	3.392	0.000	63	6263	0.1249	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84		3.641				ND	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96		3.890				ND	
33 1,1-Dichloroethane	63		4.269				ND	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	47	25866	1.18	
40 2-Butanone (MEK)	43		4.779				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.980				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78		5.538				ND	
53 1,2-Dichloroethane	62		5.550				ND	
57 Trichloroethene	130		6.084				ND	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
62 Dibromomethane	93		6.392				ND	
63 1,4-Dioxane	88	6.392	6.392	0.000	97	38854	228.7	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.447				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.933				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112	8.503	8.503	0.000	53	12654	0.2068	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96				0		1.18	
S 130 Xylenes, Total	106		16.530				0	

QC Flag Legend

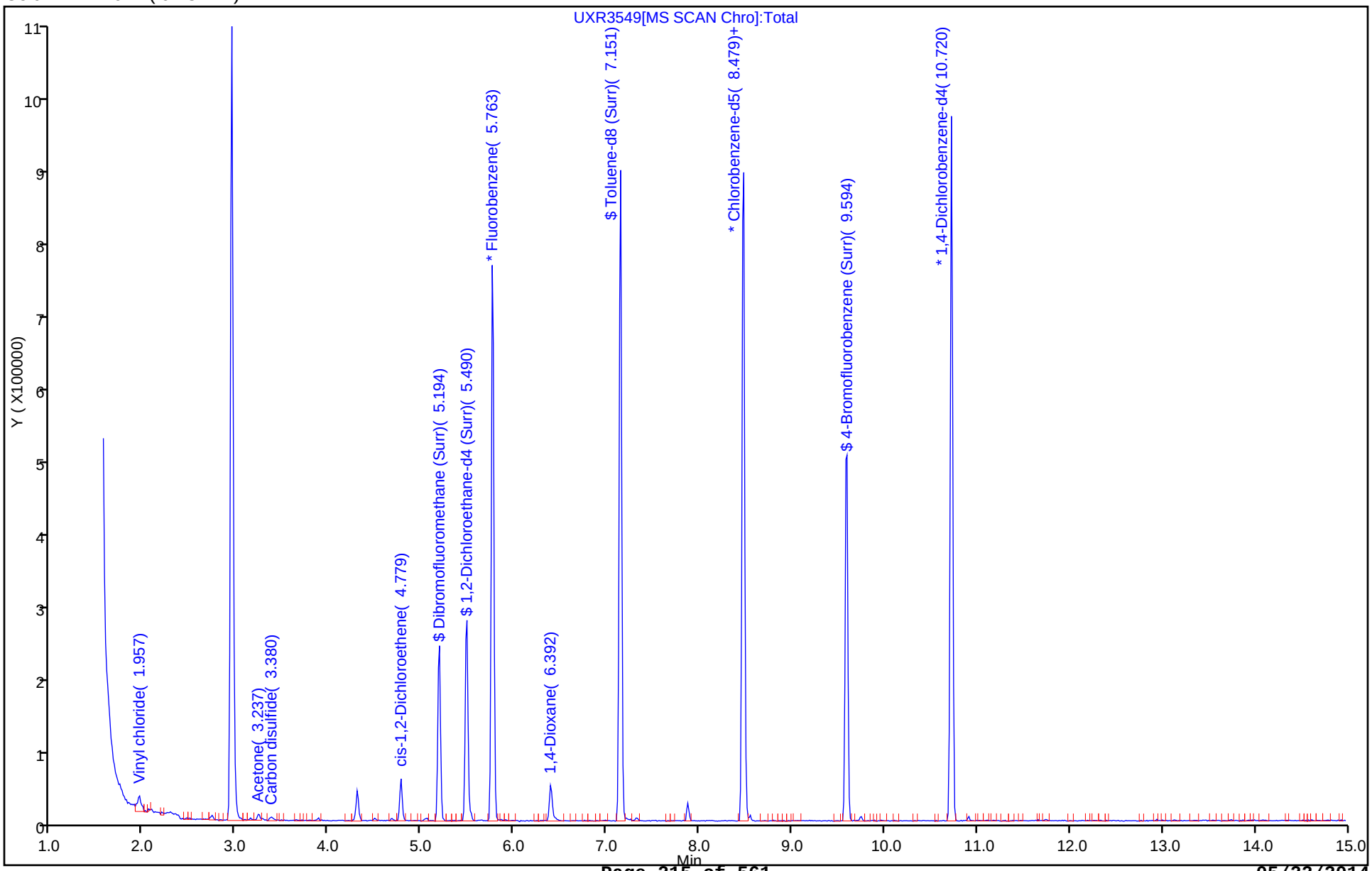
Processing Flags
ND - Not Detected or Marked ND

Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3549.D				
Injection Date:	20-May-2014 18:08:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-B-7	Lab Sample ID:	240-37120-7	Worklist Smp#:	22
Client ID:	MW510A/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)

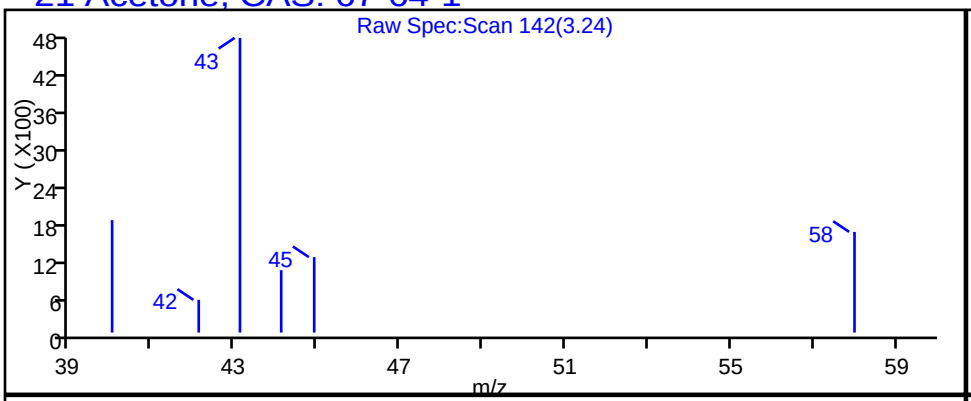


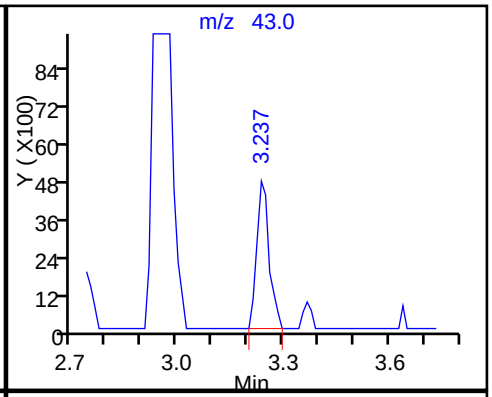
Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

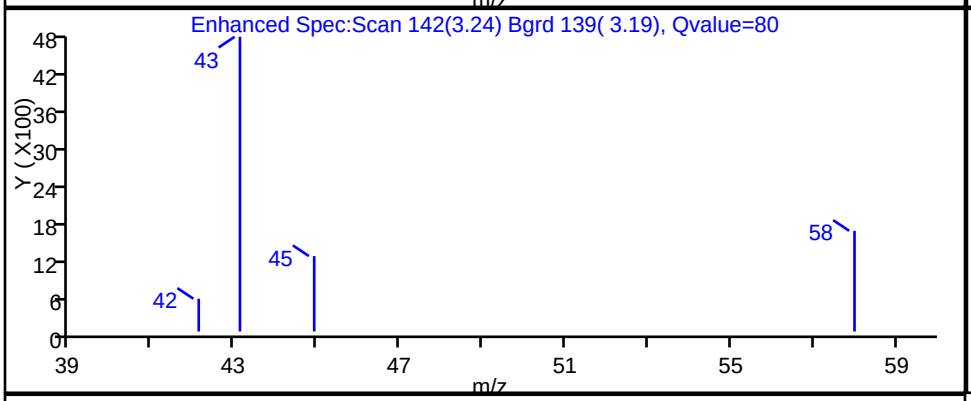
TestAmerica Canton

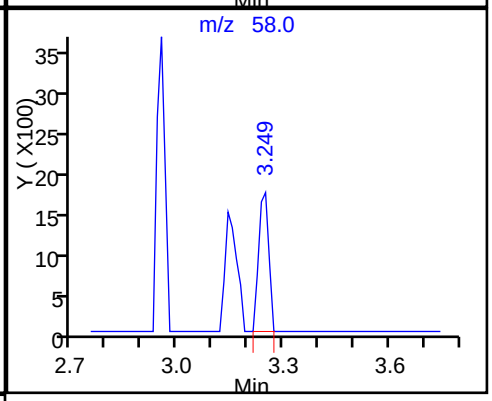
Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3549.D				
Injection Date:	20-May-2014 18:08:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-7	Lab Sample ID:	240-37120-7		
Client ID:	MW510A/050814				
Operator ID:	1644	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

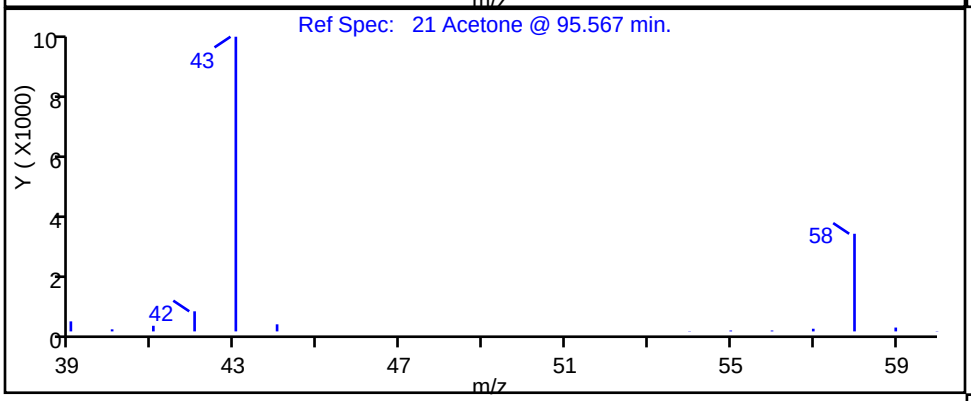
21 Acetone, CAS: 67-64-1

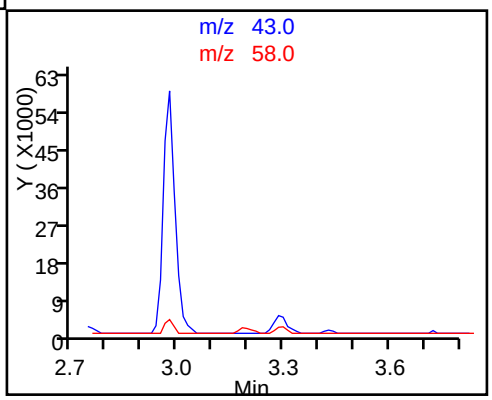










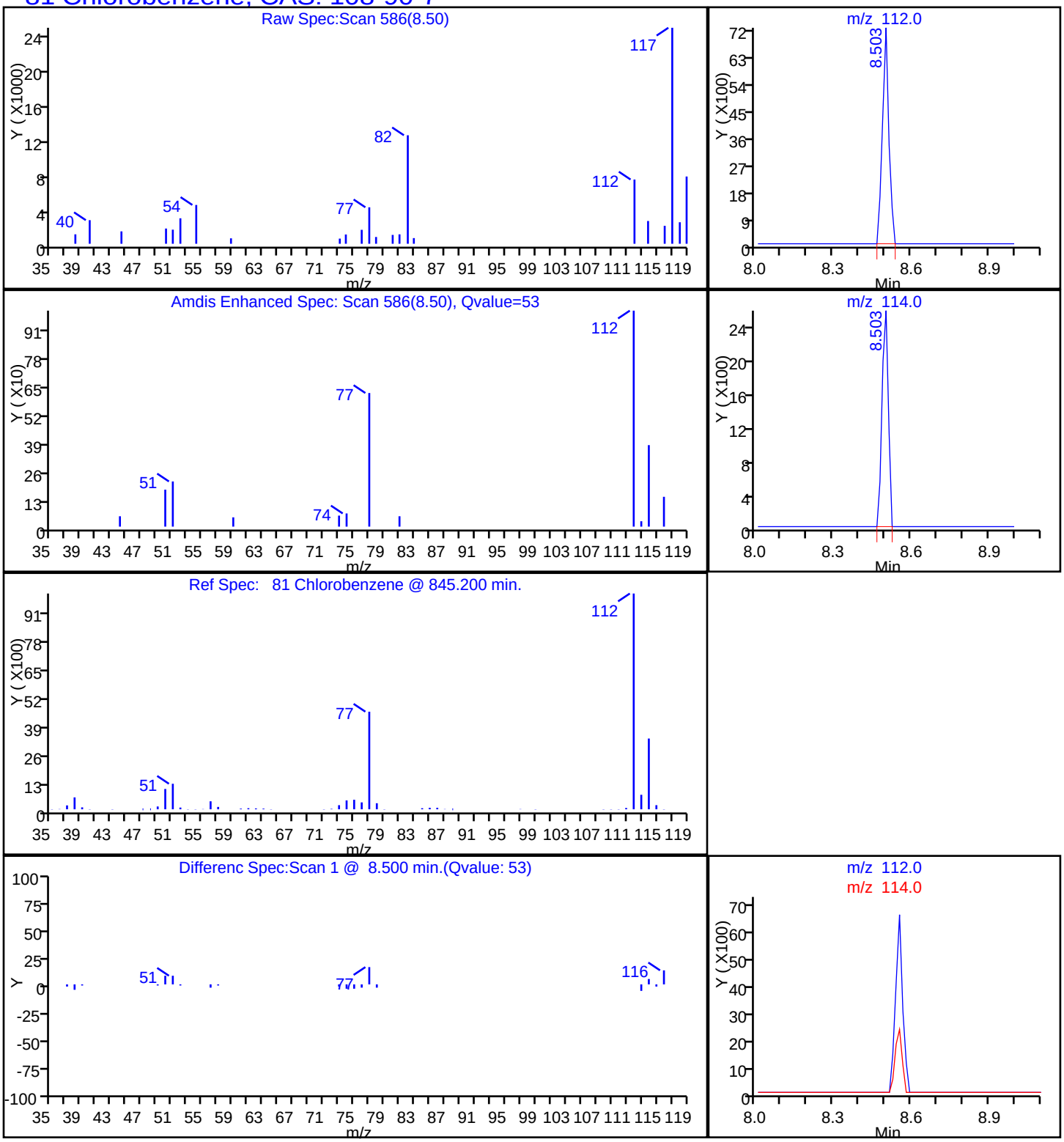


Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3549.D				
Injection Date:	20-May-2014 18:08:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-7	Lab Sample ID:	240-37120-7		
Client ID:	MW510A/050814				
Operator ID:	1644	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

81 Chlorobenzene, CAS: 108-90-7

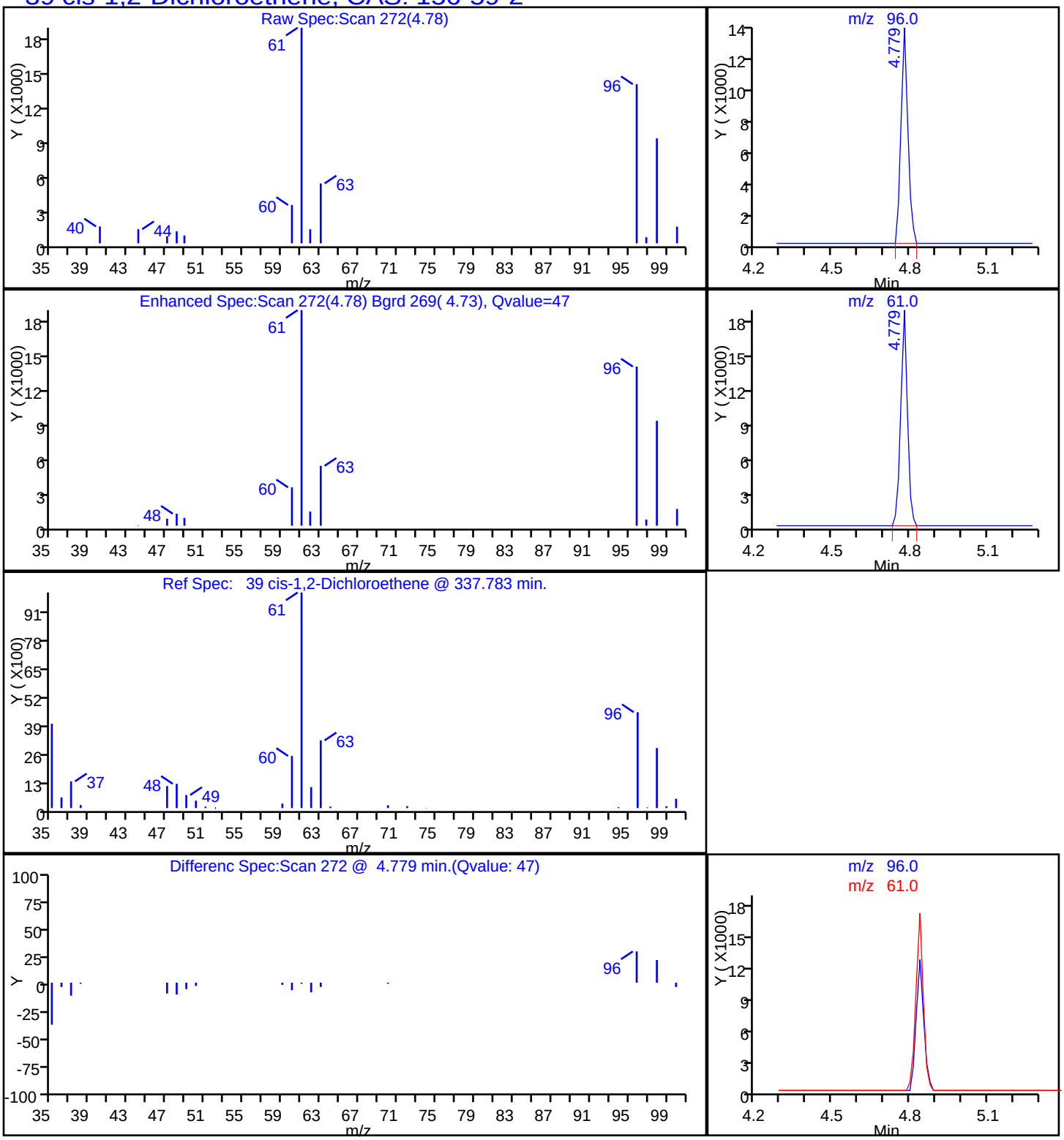


Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3549.D				
Injection Date:	20-May-2014 18:08:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-7	Lab Sample ID:	240-37120-7		
Client ID:	MW510A/050814				
Operator ID:	1644	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2

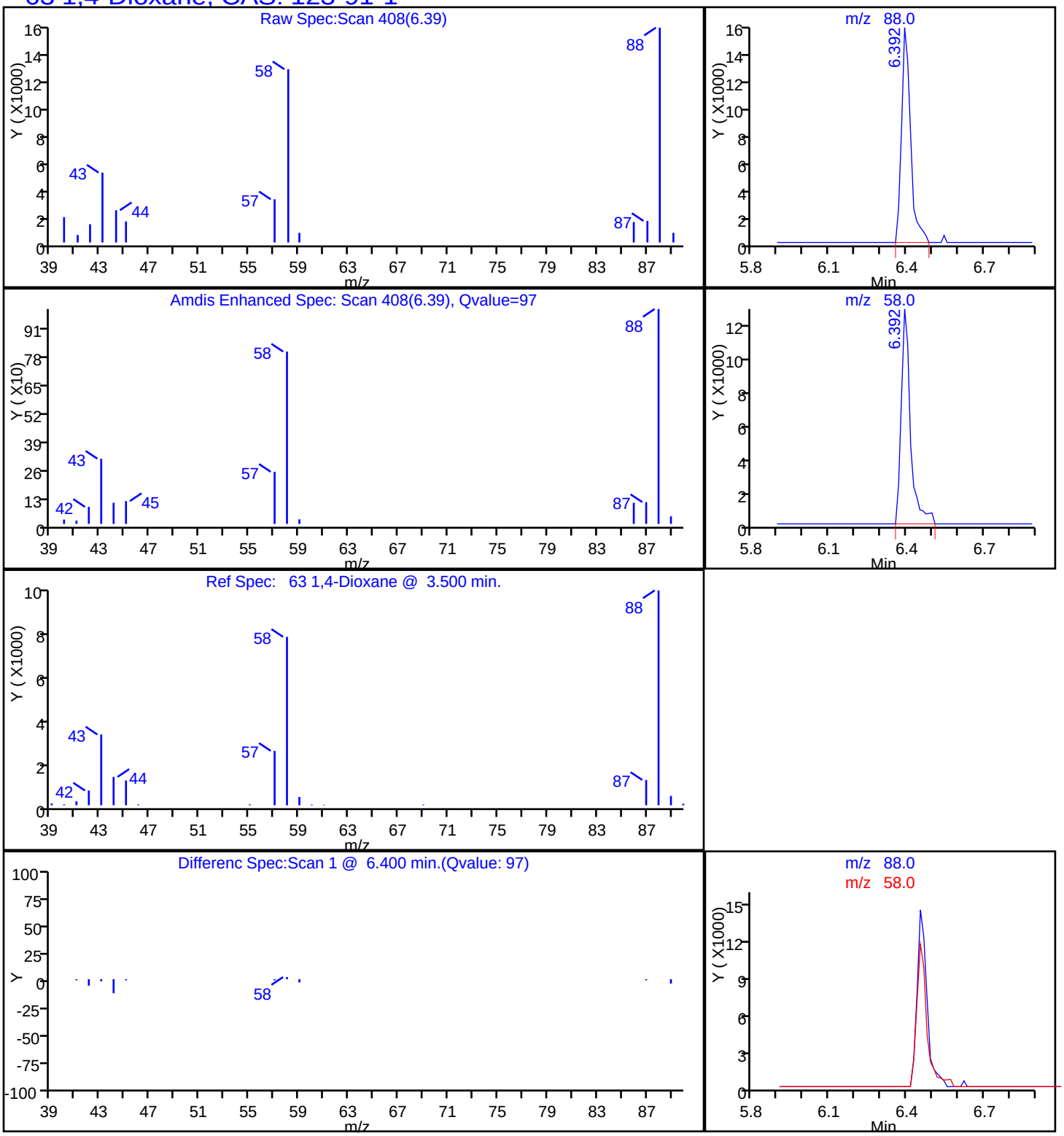


Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3549.D				
Injection Date:	20-May-2014 18:08:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-7	Lab Sample ID:	240-37120-7		
Client ID:	MW510A/050814				
Operator ID:	1644	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 1,4-Dioxane, CAS: 123-91-1

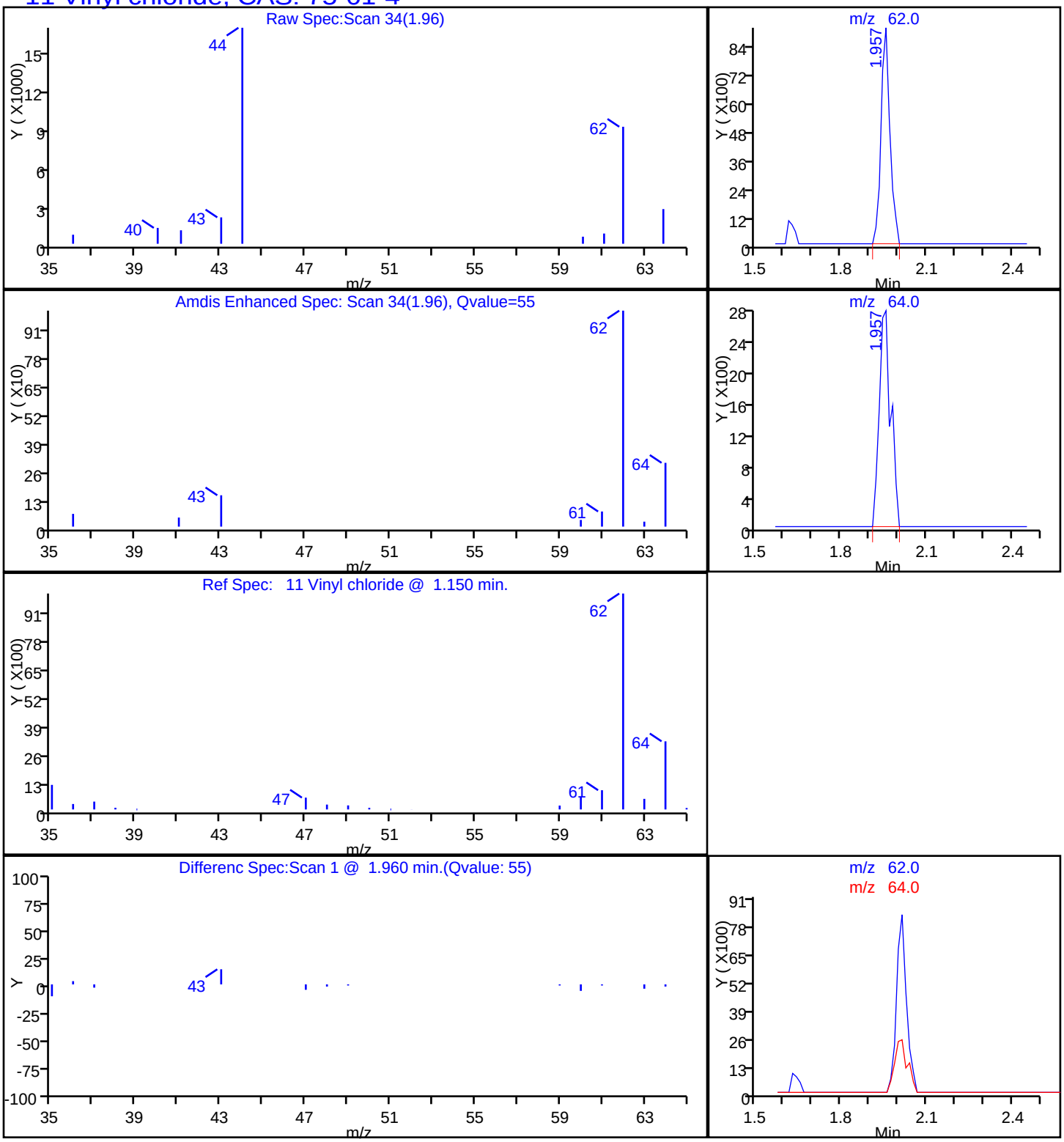


Report Date: 21-May-2014 09:51:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3549.D				
Injection Date:	20-May-2014 18:08:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-7	Lab Sample ID:	240-37120-7		
Client ID:	MW510A/050814				
Operator ID:	1644	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

11 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW510B/050814 | Lab Sample ID: 240-37120-8

Matrix: Water | Lab File ID: UXR3550.D

Analysis Method: 8260B | Date Collected: 05/08/2014 11:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 18:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW510B/050814 | Lab Sample ID: 240-37120-8

Matrix: Water | Lab File ID: UXR3550.D

Analysis Method: 8260B | Date Collected: 05/08/2014 11:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 18:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND	*	2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		66-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		63-129
2037-26-5	Toluene-d8 (Surr)	90		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3550.D
Lims ID: 240-37120-B-8 Lab Sample ID: 240-37120-8
Client ID: MW510B/050814
Sample Type: Client
Inject. Date: 20-May-2014 18:31:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-023
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 21-May-2014 09:32:34 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: williamsla Date: 21-May-2014 09:31:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.775	-0.012	99	689468	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	550314	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	96	284899	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	56	147518	9.42	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	209490	10.5	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	607762	8.06	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	89	203736	7.53	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62		1.957				ND	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.419				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.237	3.238	-0.001	70	5680	0.3100	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76		3.392				ND	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84		3.641				ND	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96		3.890				ND	
33 1,1-Dichloroethane	63		4.269				ND	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96		4.779				ND	
40 2-Butanone (MEK)	43		4.779				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.980				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78		5.538				ND	
53 1,2-Dichloroethane	62		5.550				ND	
57 Trichloroethene	130		6.084				ND	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
62 Dibromomethane	93		6.392				ND	
63 1,4-Dioxane	88	6.392	6.392	0.000	23	1516	9.12	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.447				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.933				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112		8.503				ND	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96		1.140				0	
S 130 Xylenes, Total	106		16.530				0	

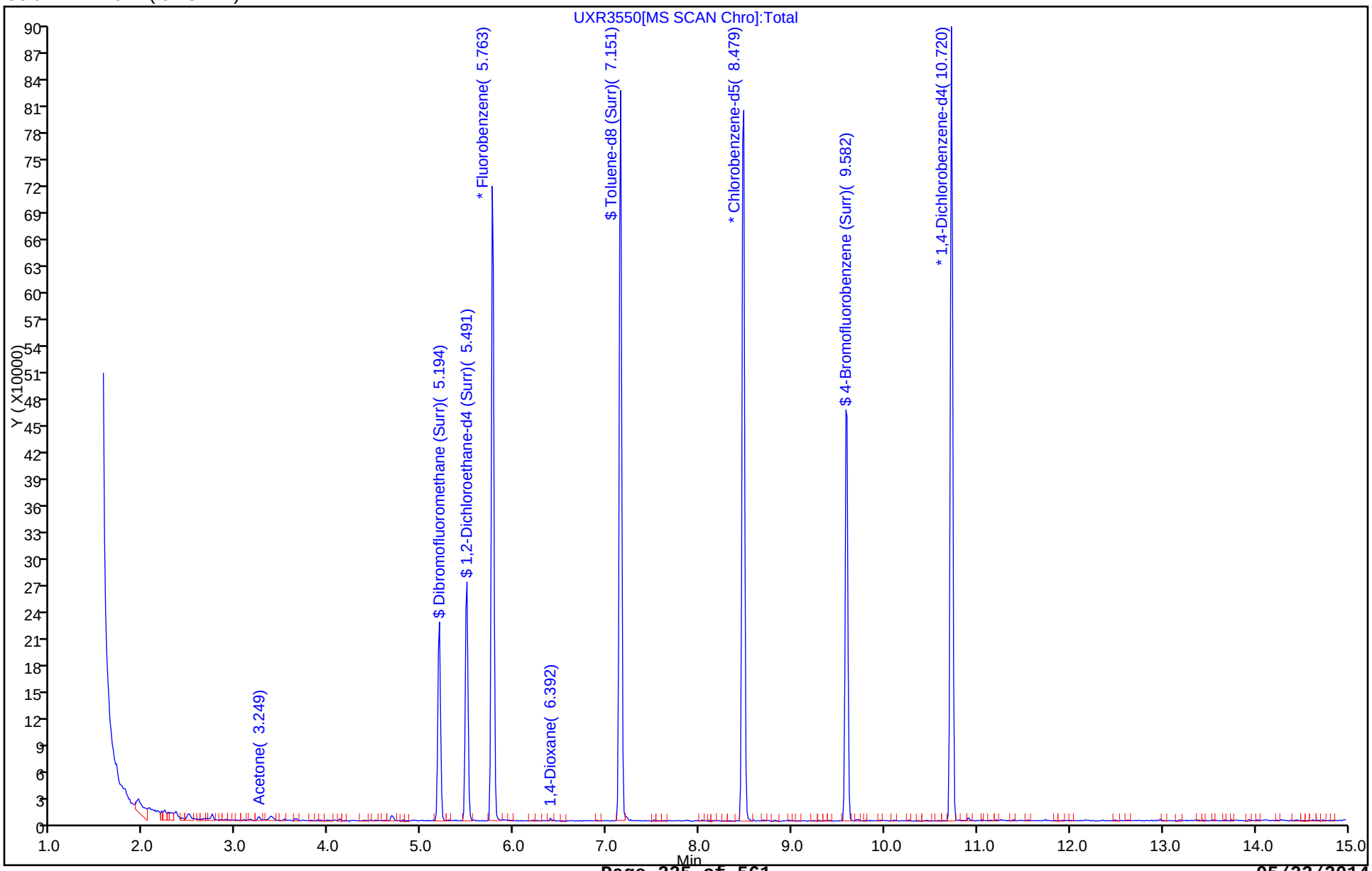
QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 21-May-2014 09:51:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3550.D				
Injection Date:	20-May-2014 18:31:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-B-8	Lab Sample ID:	240-37120-8	Worklist Smp#:	23
Client ID:	MW510B/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW508/050814 | Lab Sample ID: 240-37120-9

Matrix: Water | Lab File ID: UXR3572.D

Analysis Method: 8260B | Date Collected: 05/08/2014 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 16:17

Soil Aliquot Vol: | Dilution Factor: 2.5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	180	*	25	2.8
75-05-8	Acetonitrile	ND		50	8.8
107-02-8	Acrolein	ND		50	5.5
107-13-1	Acrylonitrile	ND		50	5.0
71-43-2	Benzene	ND		2.5	0.33
75-27-4	Bromodichloromethane	ND		2.5	0.38
75-25-2	Bromoform	ND		2.5	1.6
74-83-9	Bromomethane	ND		2.5	1.0
78-93-3	2-Butanone	ND	*	25	1.4
75-15-0	Carbon disulfide	ND		2.5	0.33
56-23-5	Carbon tetrachloride	ND		2.5	0.33
108-90-7	Chlorobenzene	ND		2.5	0.38
75-00-3	Chloroethane	ND		2.5	0.73
67-66-3	Chloroform	ND		2.5	0.40
74-87-3	Chloromethane	ND		2.5	0.75
126-99-8	Chloroprene	ND		5.0	0.73
107-05-1	3-Chloro-1-propene	ND		5.0	0.88
156-59-2	cis-1,2-Dichloroethene	3.3		2.5	0.43
10061-01-5	cis-1,3-Dichloropropene	ND		2.5	0.35
124-48-1	Dibromochloromethane	ND		2.5	0.45
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	1.7
74-95-3	Dibromomethane	ND		2.5	0.70
75-71-8	Dichlorodifluoromethane	ND		2.5	0.78
75-34-3	1,1-Dichloroethane	ND		2.5	0.38
107-06-2	1,2-Dichloroethane	ND		2.5	0.55
75-35-4	1,1-Dichloroethene	ND		2.5	0.48
540-59-0	1,2-Dichloroethene, Total	3.3	J	5.0	0.43
78-87-5	1,2-Dichloropropane	ND		2.5	0.45
123-91-1	1,4-Dioxane	630		130	48
100-41-4	Ethylbenzene	ND		2.5	0.43
106-93-4	Ethylene Dibromide	ND		2.5	0.60
97-63-2	Ethyl methacrylate	ND		2.5	0.35
591-78-6	2-Hexanone	ND	*	25	1.0
74-88-4	Iodomethane	ND		2.5	0.45
78-83-1	Isobutanol	ND		130	21
126-98-7	Methacrylonitrile	ND		5.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW508/050814 | Lab Sample ID: 240-37120-9

Matrix: Water | Lab File ID: UXR3572.D

Analysis Method: 8260B | Date Collected: 05/08/2014 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 16:17

Soil Aliquot Vol: | Dilution Factor: 2.5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.88	J B	2.5	0.83
80-62-6	Methyl methacrylate	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	*	25	0.80
107-12-0	Propionitrile	ND		10	3.0
100-42-5	Styrene	ND		2.5	0.28
630-20-6	1,1,1,2-Tetrachloroethane	ND		2.5	0.58
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.5	0.45
127-18-4	Tetrachloroethene	ND		2.5	0.73
108-88-3	Toluene	ND		2.5	0.33
110-57-6	trans-1,4-Dichloro-2-butene	ND		2.5	0.38
156-60-5	trans-1,2-Dichloroethene	ND		2.5	0.48
10061-02-6	trans-1,3-Dichloropropene	ND		2.5	0.48
71-55-6	1,1,1-Trichloroethane	ND		2.5	0.55
79-00-5	1,1,2-Trichloroethane	ND		2.5	0.68
79-01-6	Trichloroethene	ND		2.5	0.43
75-69-4	Trichlorofluoromethane	ND		2.5	0.53
96-18-4	1,2,3-Trichloropropane	ND		2.5	1.1
108-05-4	Vinyl acetate	ND	*	5.0	0.48
75-01-4	Vinyl chloride	ND		2.5	0.55
1330-20-7	Xylenes, Total	ND		5.0	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	82		66-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		63-129
2037-26-5	Toluene-d8 (Surr)	93		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3572.D
Lims ID: 240-37120-C-9 Lab Sample ID: 240-37120-9
Client ID: MW508/050814
Sample Type: Client
Inject. Date: 21-May-2014 16:17:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 2.5000
Sample Info: 240-0031233-016
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 22-May-2014 09:46:43 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

First Level Reviewer: williamsla Date: 21-May-2014 16:37:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	717617	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	589652	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	95	315649	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	57	149147	9.15	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	212741	10.3	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	669363	8.29	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	86	211082	7.28	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62		1.957				ND	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.431				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.237	3.238	-0.001	99	323892	70.1	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76		3.392				ND	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84	3.641	3.641	0.000	62	7908	0.3538	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96		3.890				ND	
33 1,1-Dichloroethane	63		4.269				ND	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	62	29132	1.31	
40 2-Butanone (MEK)	43		4.791				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.981				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78		5.538				ND	
53 1,2-Dichloroethane	62		5.550				ND	
57 Trichloroethene	130		6.084				ND	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
63 1,4-Dioxane	88	6.392	6.392	0.000	89	43771	253.0	
62 Dibromomethane	93		6.392				ND	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.459				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.945				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112		8.503				ND	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96				0		1.31	
S 130 Xylenes, Total	106		16.530				0	

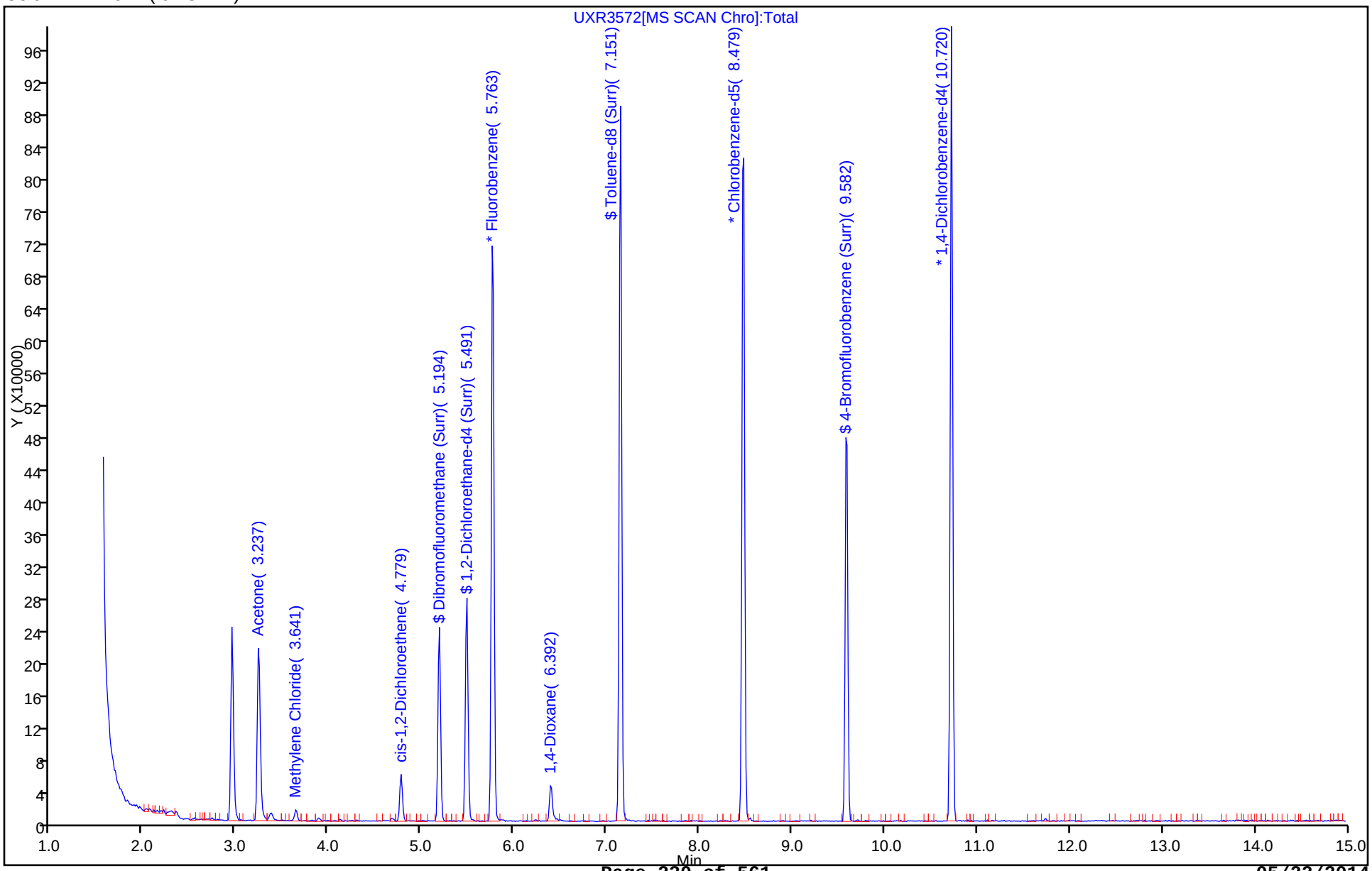
QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 22-May-2014 09:46:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3572.D				
Injection Date:	21-May-2014 16:17:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-C-9	Lab Sample ID:	240-37120-9	Worklist Smp#:	16
Client ID:	MW508/050814				
Purge Vol:	5.000 mL	Dil. Factor:	2.5000	ALS Bottle#:	15
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					

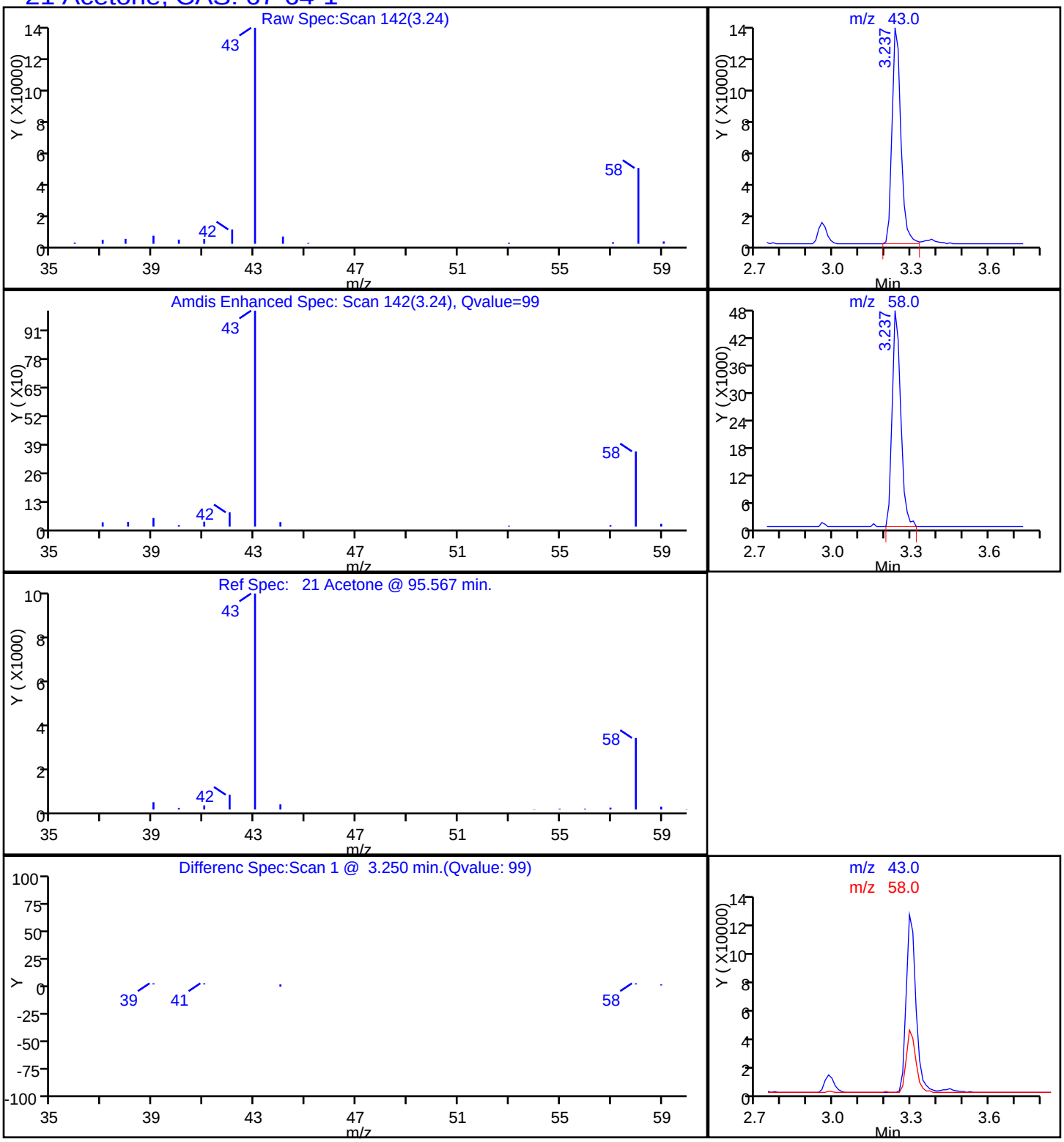


Report Date: 22-May-2014 09:46:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3572.D				
Injection Date:	21-May-2014 16:17:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-9	Lab Sample ID:	240-37120-9		
Client ID:	MW508/050814				
Operator ID:	1644	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	2.5000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1

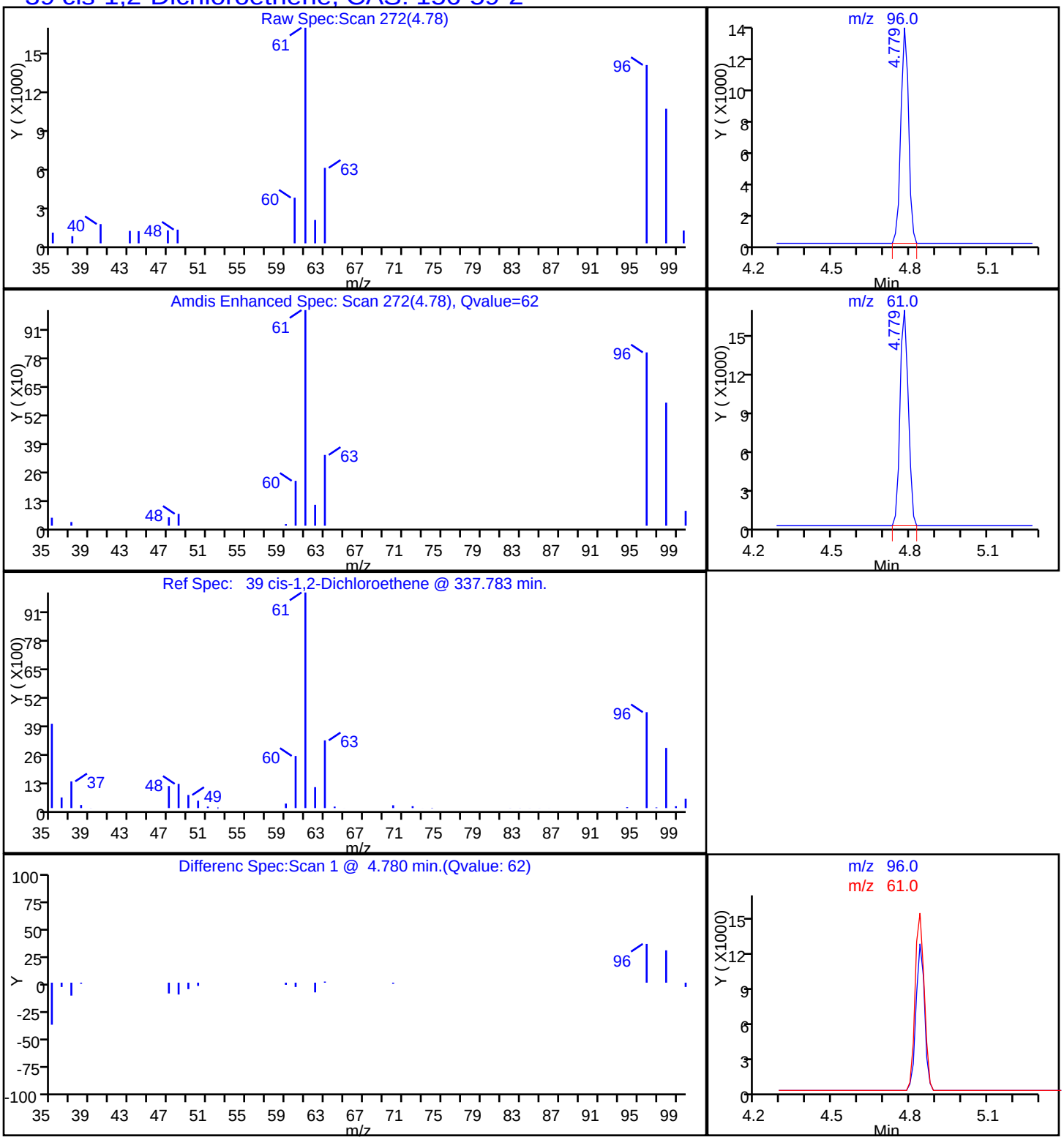


Report Date: 22-May-2014 09:46:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3572.D				
Injection Date:	21-May-2014 16:17:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-9	Lab Sample ID:	240-37120-9		
Client ID:	MW508/050814				
Operator ID:	1644	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	2.5000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2

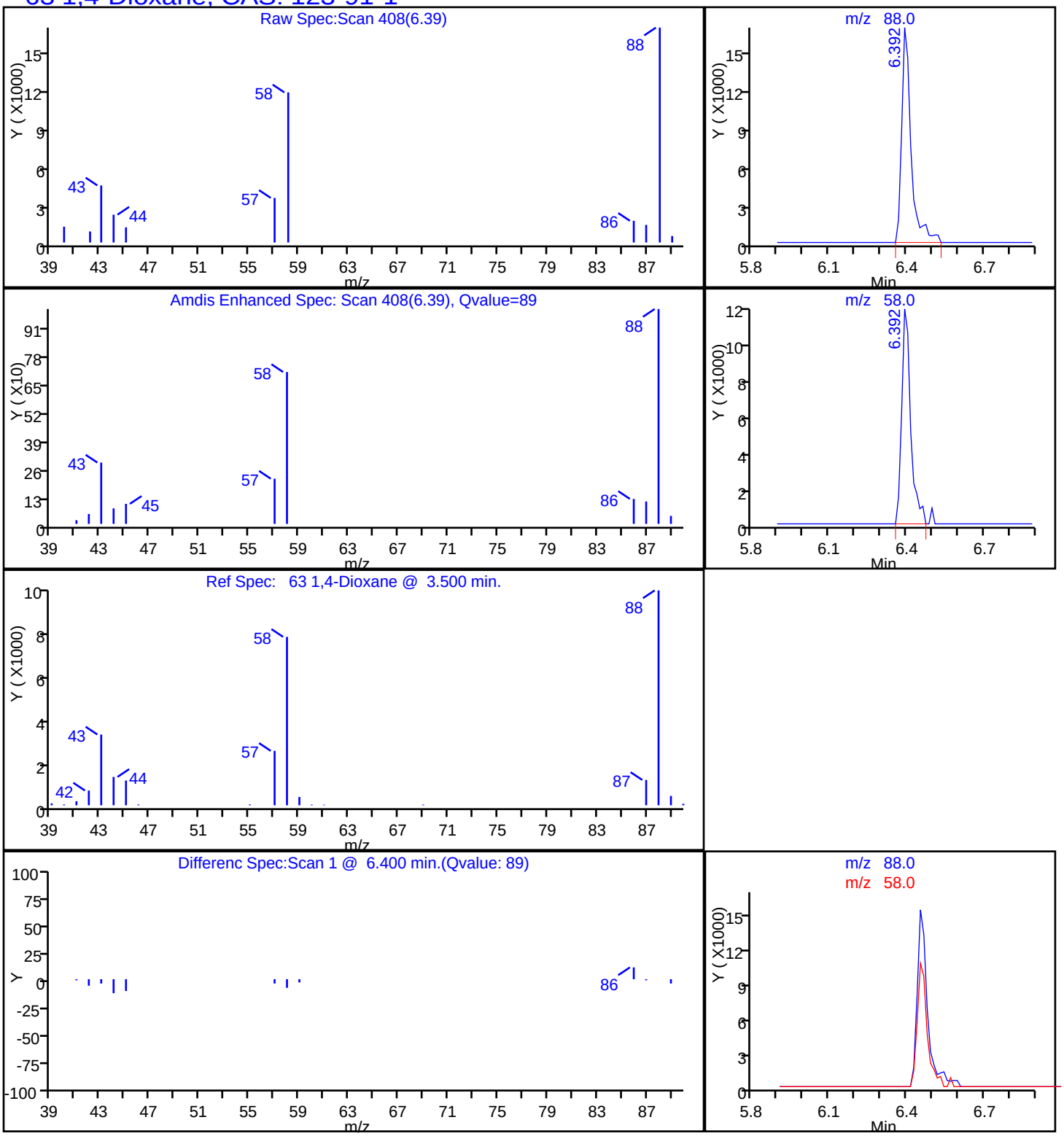


Report Date: 22-May-2014 09:46:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3572.D				
Injection Date:	21-May-2014 16:17:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-9	Lab Sample ID:	240-37120-9		
Client ID:	MW508/050814				
Operator ID:	1644	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	2.5000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 1,4-Dioxane, CAS: 123-91-1

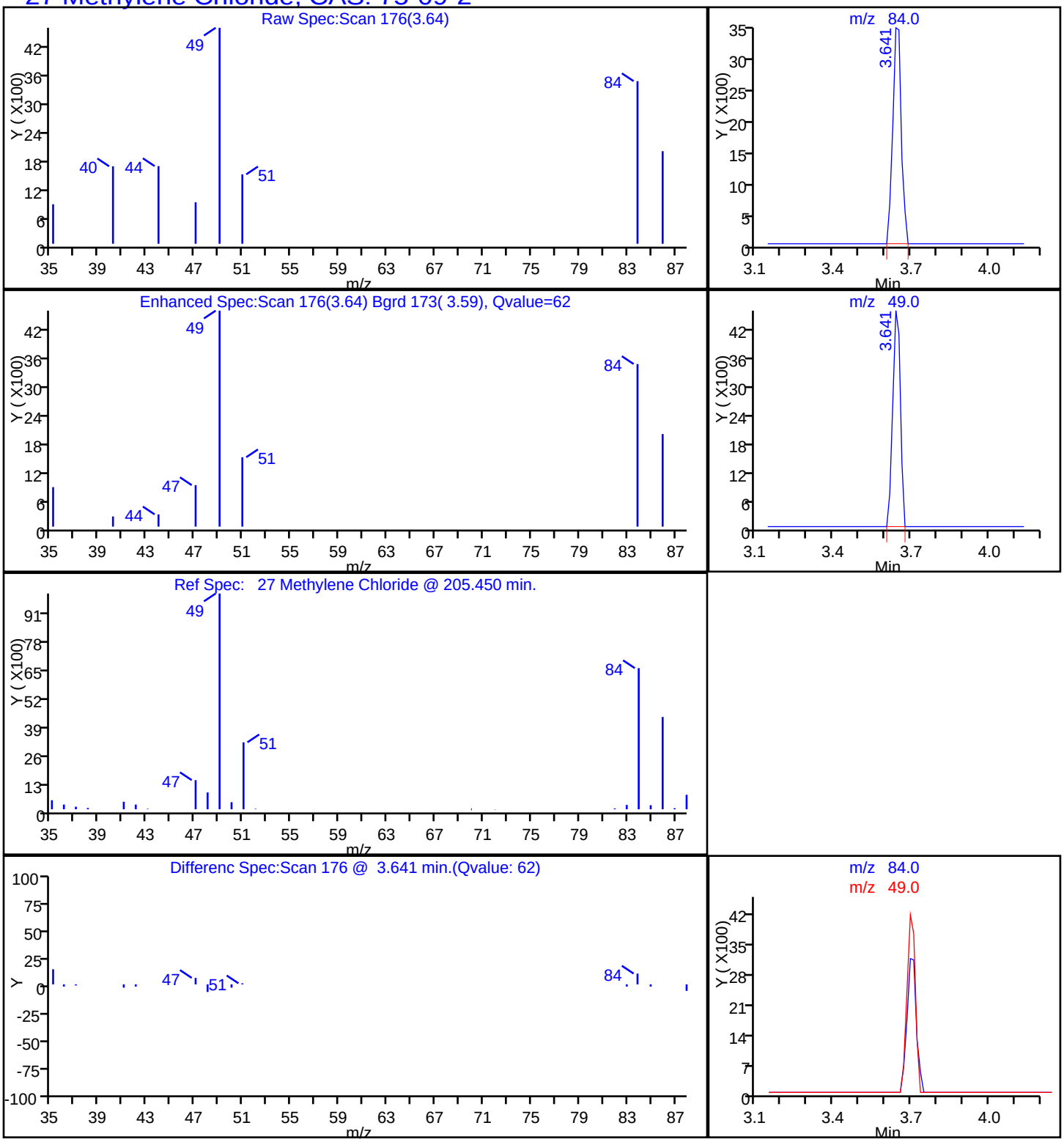


Report Date: 22-May-2014 09:46:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3572.D				
Injection Date:	21-May-2014 16:17:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-C-9	Lab Sample ID:	240-37120-9		
Client ID:	MW508/050814				
Operator ID:	1644	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	2.5000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW508B/050814 | Lab Sample ID: 240-37120-10

Matrix: Water | Lab File ID: UXR3552.D

Analysis Method: 8260B | Date Collected: 05/08/2014 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 19:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.1	J	10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	50		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: MW508B/050814 | Lab Sample ID: 240-37120-10

Matrix: Water | Lab File ID: UXR3552.D

Analysis Method: 8260B | Date Collected: 05/08/2014 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 19:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND	*	2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	83		66-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		63-129
2037-26-5	Toluene-d8 (Surr)	88		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3552.D
Lims ID: 240-37120-B-10 Lab Sample ID: 240-37120-10
Client ID: MW508B/050814
Sample Type: Client
Inject. Date: 20-May-2014 19:16:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-025
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 21-May-2014 09:32:34 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: williamsla Date: 21-May-2014 09:32:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.775	-0.012	99	703047	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	571132	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	95	284485	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	57	148829	9.32	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	-0.001	0	206323	10.2	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	616064	7.87	
$ 7 4-Bromofluorobenzene (Surr	95	9.594	9.582	0.012	90	206591	7.36	
9 Dichlorodifluoromethane	85		1.648				ND	
10 Chloromethane	50		1.826				ND	
11 Vinyl chloride	62		1.957				ND	
12 Bromomethane	94		2.313				ND	
13 Chloroethane	64		2.419				ND	
15 Trichlorofluoromethane	101		2.668				ND	
18 Acrolein	56		3.095				ND	
19 1,1-Dichloroethene	96		3.178				ND	
21 Acetone	43	3.237	3.238	-0.001	85	13642	2.07	
22 Iodomethane	142		3.332				ND	
23 Carbon disulfide	76		3.392				ND	
24 Acetonitrile	41		3.510				ND	
25 3-Chloro-1-propene	76		3.522				ND	
27 Methylene Chloride	84		3.641				ND	
29 Acrylonitrile	53		3.878				ND	
31 trans-1,2-Dichloroethene	96		3.890				ND	
33 1,1-Dichloroethane	63		4.269				ND	
34 Vinyl acetate	43		4.305				ND	
36 2-Chloro-1,3-butadiene	53		4.352				ND	
39 cis-1,2-Dichloroethene	96		4.779				ND	
40 2-Butanone (MEK)	43		4.779				ND	
42 Propionitrile	54		4.850				ND	
43 Methacrylonitrile	41		4.980				ND	
46 Chloroform	83		5.052				ND	
47 1,1,1-Trichloroethane	97		5.206				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.348				ND	
51 Isobutyl alcohol	41		5.419				ND	
52 Benzene	78		5.538				ND	
53 1,2-Dichloroethane	62		5.550				ND	
57 Trichloroethene	130		6.084				ND	
60 1,2-Dichloropropane	63		6.285				ND	
61 Methyl methacrylate	41		6.356				ND	
62 Dibromomethane	93		6.392				ND	
63 1,4-Dioxane	88	6.404	6.392	0.012	52	8499	50.1	
64 Dichlorobromomethane	83		6.522				ND	
67 cis-1,3-Dichloropropene	75		6.902				ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032				ND	
69 Toluene	91		7.210				ND	
70 trans-1,3-Dichloropropene	75		7.400				ND	
71 Ethyl methacrylate	69		7.447				ND	
72 1,1,2-Trichloroethane	97		7.566				ND	
73 Tetrachloroethene	164		7.696				ND	
76 2-Hexanone	43		7.779				ND	
78 Chlorodibromomethane	129		7.933				ND	
79 Ethylene Dibromide	107		8.052				ND	
81 Chlorobenzene	112		8.503				ND	
82 1,1,1,2-Tetrachloroethane	131		8.574				ND	
83 Ethylbenzene	106		8.586				ND	
84 m-Xylene & p-Xylene	106		8.692				ND	
85 o-Xylene	106		9.084				ND	
86 Styrene	104		9.096				ND	
87 Bromoform	173		9.285				ND	
91 1,1,2,2-Tetrachloroethane	83		9.724				ND	
93 trans-1,4-Dichloro-2-buten	53		9.772				ND	
94 1,2,3-Trichloropropane	110		9.772				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906				ND	
S 128 1,2-Dichloroethene, Total	96		1.140				0	
S 130 Xylenes, Total	106		16.530				0	

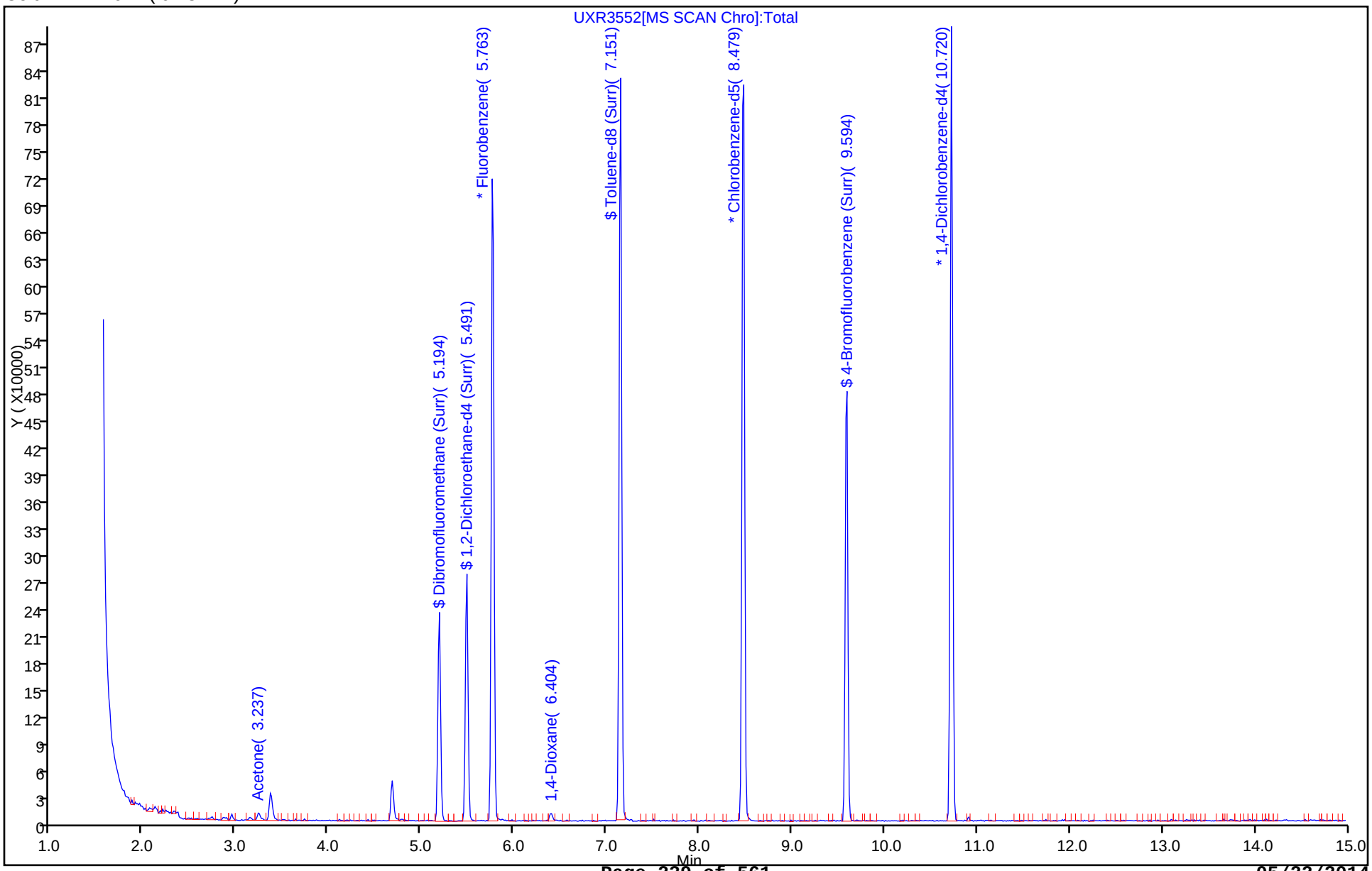
QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 21-May-2014 09:51:51 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3552.D				
Injection Date:	20-May-2014 19:16:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	240-37120-B-10	Lab Sample ID:	240-37120-10	Worklist Smp#:	25
Client ID:	MW508B/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					

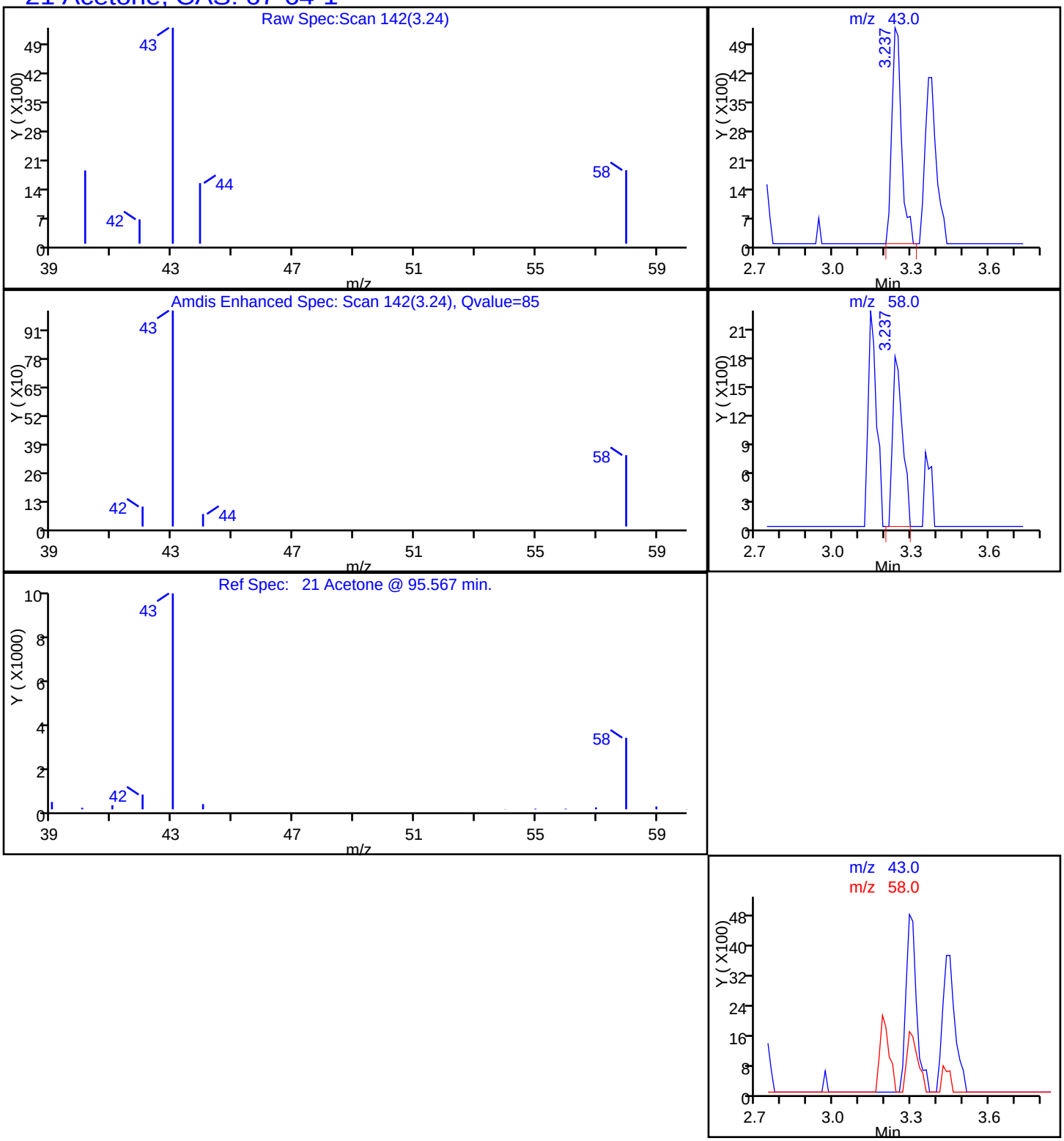


Report Date: 21-May-2014 09:51:51 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3552.D				
Injection Date:	20-May-2014 19:16:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-10	Lab Sample ID:	240-37120-10		
Client ID:	MW508B/050814				
Operator ID:	1644	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1

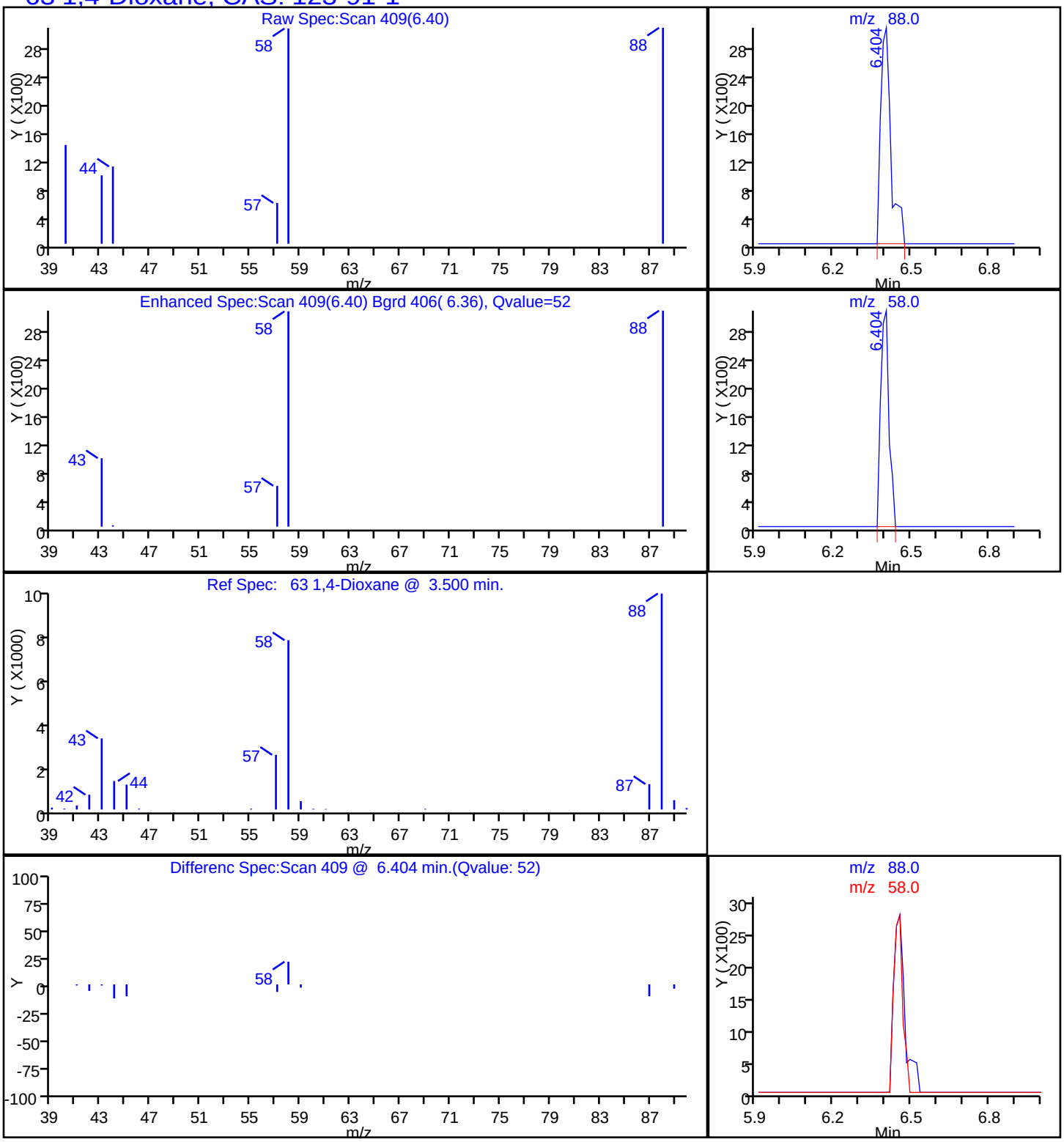


Report Date: 21-May-2014 09:51:51 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3552.D				
Injection Date:	20-May-2014 19:16:30	Instrument ID:	A3UX17		
Lims ID:	240-37120-B-10	Lab Sample ID:	240-37120-10		
Client ID:	MW508B/050814				
Operator ID:	1644	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 1,4-Dioxane, CAS: 123-91-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: DCOUTFLOW/050814 | Lab Sample ID: 240-37120-11

Matrix: Water | Lab File ID: UXR0674.D

Analysis Method: 8260B | Date Collected: 05/08/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/19/2014 20:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131184 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	6.5	J B	10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND	*	1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: DCOUTFLOW/050814 | Lab Sample ID: 240-37120-11

Matrix: Water | Lab File ID: UXR0674.D

Analysis Method: 8260B | Date Collected: 05/08/2014 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/19/2014 20:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131184 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND	*	1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		66-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		63-129
2037-26-5	Toluene-d8 (Surr)	86		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0674.D
Lims ID: 240-37120-B-11 Lab Sample ID: 240-37120-11
Client ID: DCOUTFLOW/050814
Sample Type: Client
Inject. Date: 19-May-2014 20:06:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-023
Operator ID: 1644 Instrument ID: A3UX10

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:16 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: williamsla Date: 20-May-2014 10:24:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.544	5.545	-0.001	99	1040380	10.0	
* 2 Chlorobenzene-d5	117	8.229	8.230	-0.001	84	789332	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.464	10.465	-0.001	97	471569	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.976	4.973	0.003	55	279464	13.0	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.260	5.257	0.003	0	332636	13.0	
$ 6 Toluene-d8 (Surr)	98	6.916	6.913	0.003	83	990346	10.5	
$ 7 4-Bromofluorobenzene (Surr	95	9.340	9.338	0.002	85	418993	11.7	
9 Dichlorodifluoromethane	85		1.590				ND	
10 Chloromethane	50		1.732				ND	
11 Vinyl chloride	62		1.851				ND	
13 Bromomethane	94		2.182				ND	
14 Chloroethane	64		2.277				ND	
16 Trichlorofluoromethane	101		2.525				ND	
18 Acrolein	56		2.915				ND	
19 1,1-Dichloroethene	96		3.010				ND	
21 Acetone	43	3.071	3.057	0.014	85	39446	6.45	
22 Iodomethane	142		3.152				ND	
24 Carbon disulfide	76		3.211				ND	
25 Acetonitrile	41		3.333				ND	
26 3-Chloro-1-propene	76		3.341				ND	
28 Methylene Chloride	84		3.448				ND	
31 Acrylonitrile	53		3.684				ND	
30 trans-1,2-Dichloroethene	96		3.684				ND	
34 1,1-Dichloroethane	63		4.063				ND	
35 Vinyl acetate	43		4.098				ND	
37 2-Chloro-1,3-butadiene	53		4.137				ND	
40 cis-1,2-Dichloroethene	96		4.559				ND	
41 2-Butanone (MEK)	43		4.583				ND	
43 Propionitrile	54		4.646				ND	
44 Methacrylonitrile	41		4.764				ND	
47 Chloroform	83		4.831				ND	
48 1,1,1-Trichloroethane	97		4.985				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
51 Carbon tetrachloride	117		5.127				ND	
52 Isobutyl alcohol	41		5.222				ND	
53 Benzene	78		5.305				ND	
54 1,2-Dichloroethane	62		5.328				ND	
58 Trichloroethene	130		5.849				ND	
61 1,2-Dichloropropane	63		6.050				ND	
62 Methyl methacrylate	41		6.136				ND	
63 Dibromomethane	93		6.156				ND	
64 1,4-Dioxane	88		6.168				ND	
65 Dichlorobromomethane	83		6.286				ND	
68 cis-1,3-Dichloropropene	75		6.677				ND	
69 4-Methyl-2-pentanone (MIBK	43		6.807				ND	
70 Toluene	91		6.972				ND	
71 trans-1,3-Dichloropropene	75		7.162				ND	
72 Ethyl methacrylate	69		7.233				ND	
73 1,1,2-Trichloroethane	97		7.339				ND	
74 Tetrachloroethene	164		7.457				ND	
76 2-Hexanone	43		7.552				ND	
78 Chlorodibromomethane	129		7.706				ND	
80 Ethylene Dibromide	107		7.812				ND	
82 Chlorobenzene	112		8.262				ND	
83 1,1,1,2-Tetrachloroethane	131		8.333				ND	
84 Ethylbenzene	106		8.345				ND	
85 m-Xylene & p-Xylene	106		8.451				ND	
86 o-Xylene	106		8.841				ND	
87 Styrene	104		8.853				ND	
88 Bromoform	173		9.042				ND	
92 1,1,2,2-Tetrachloroethane	83		9.480				ND	
94 1,2,3-Trichloropropane	110		9.527				ND	
95 trans-1,4-Dichloro-2-buten	53		9.539				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.645				ND	
S 128 1,2-Dichloroethene, Total	96		1.140				0	
S 130 Xylenes, Total	106		16.530				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

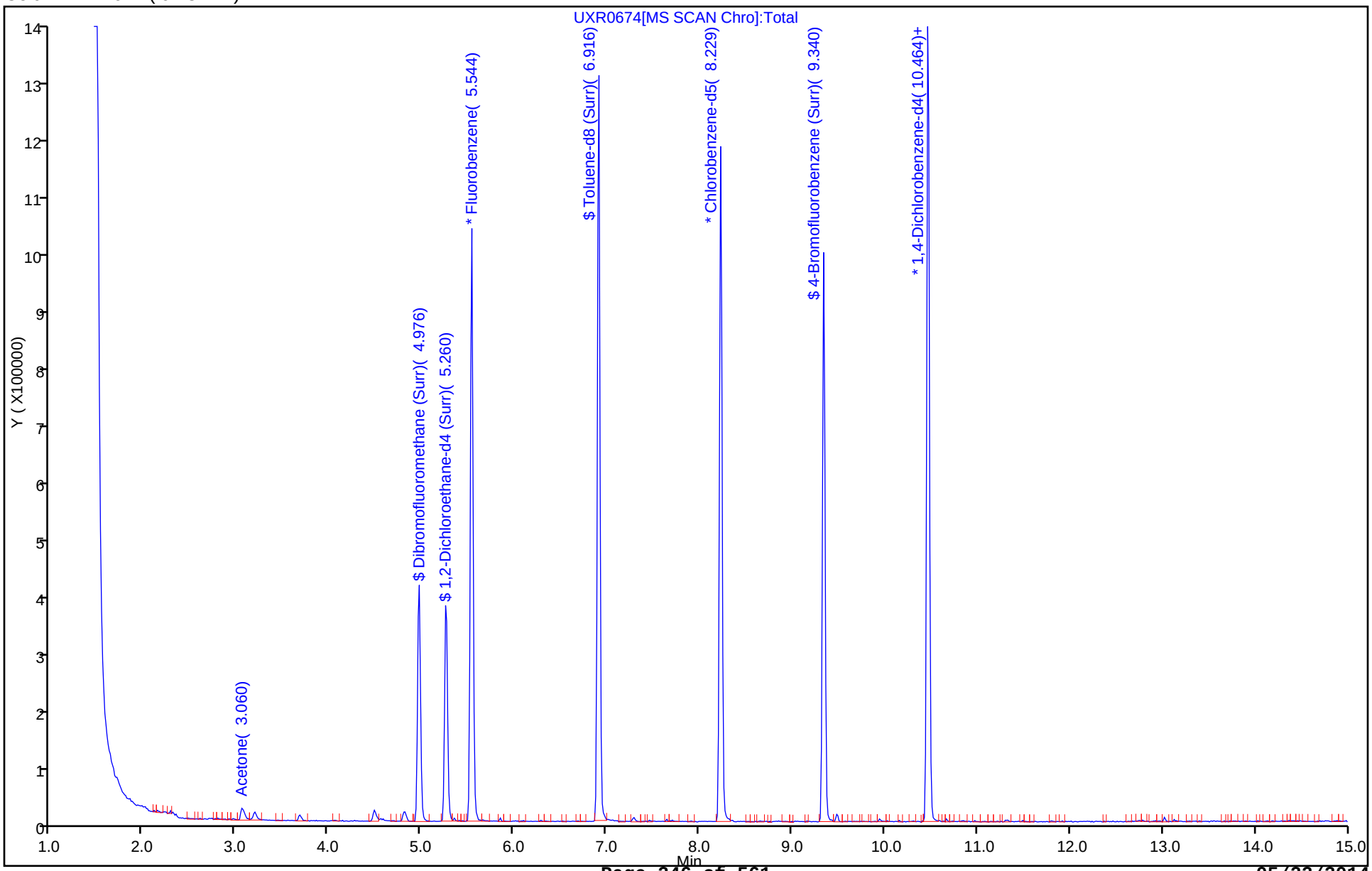
Report Date: 20-May-2014 10:42:32 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0674.D

Injection Date:	19-May-2014 20:06:30	Instrument ID:	A3UX10	Operator ID:	1644
Lims ID:	240-37120-B-11	Lab Sample ID:	240-37120-11	Worklist Smp#:	23
Client ID:	DCOUTFLOW/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)

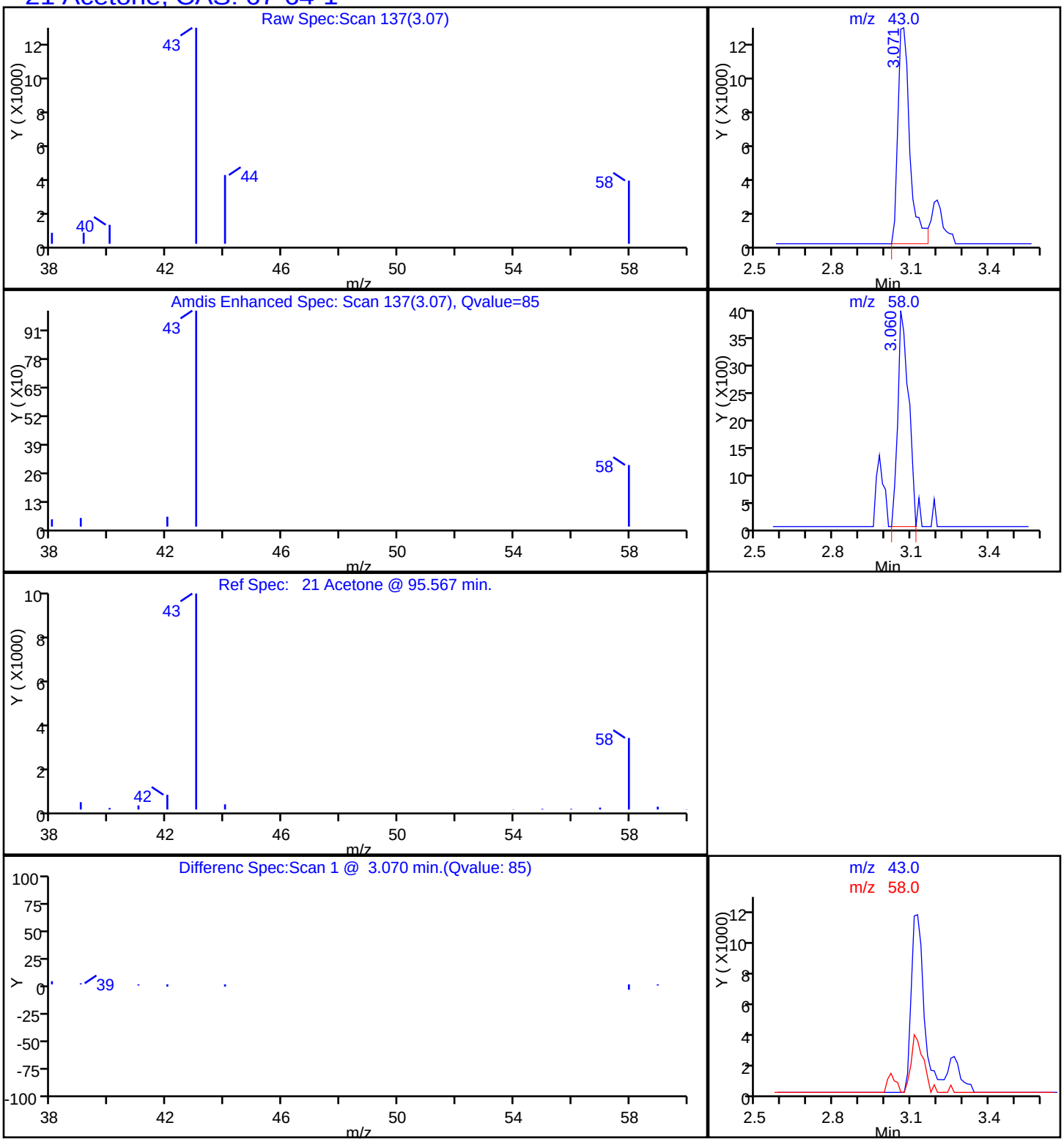


Report Date: 20-May-2014 10:42:32 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0674.D				
Injection Date:	19-May-2014 20:06:30	Instrument ID:	A3UX10		
Lims ID:	240-37120-B-11	Lab Sample ID:	240-37120-11		
Client ID:	DCOUTFLOW/050814				
Operator ID:	1644	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: TB03/050814 | Lab Sample ID: 240-37120-12

Matrix: Water | Lab File ID: UXR0675.D

Analysis Method: 8260B | Date Collected: 05/08/2014 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/19/2014 20:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131184 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	0.60	J	1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND	*	1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: TB03/050814 | Lab Sample ID: 240-37120-12

Matrix: Water | Lab File ID: UXR0675.D

Analysis Method: 8260B | Date Collected: 05/08/2014 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/19/2014 20:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131184 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND	*	1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		66-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		63-129
2037-26-5	Toluene-d8 (Surr)	85		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0675.D
Lims ID: 240-37120-B-12 Lab Sample ID: 240-37120-12
Client ID: TB03/050814
Sample Type: Client
Inject. Date: 19-May-2014 20:29:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-024
Operator ID: 1644 Instrument ID: A3UX10

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:16 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: williamsla Date: 20-May-2014 10:32:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.541	5.545	-0.004	99	1031995	10.0	
* 2 Chlorobenzene-d5	117	8.226	8.230	-0.004	86	792618	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.474	10.465	0.009	95	468853	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.973	4.973	0.000	56	276289	12.9	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.269	5.257	0.012	0	336774	13.3	
$ 6 Toluene-d8 (Surr)	98	6.913	6.913	0.000	83	982566	10.4	
$ 7 4-Bromofluorobenzene (Surr	95	9.338	9.338	0.000	84	402265	11.2	
9 Dichlorodifluoromethane	85		1.590				ND	
10 Chloromethane	50		1.732				ND	
11 Vinyl chloride	62		1.851				ND	
13 Bromomethane	94		2.182				ND	
14 Chloroethane	64		2.277				ND	
16 Trichlorofluoromethane	101		2.525				ND	
18 Acrolein	56		2.915				ND	
19 1,1-Dichloroethene	96		3.010				ND	
21 Acetone	43	3.069	3.057	0.012	68	5690	0.9386	
22 Iodomethane	142		3.152				ND	
24 Carbon disulfide	76		3.211				ND	
25 Acetonitrile	41		3.333				ND	
26 3-Chloro-1-propene	76		3.341				ND	
28 Methylene Chloride	84		3.448				ND	
31 Acrylonitrile	53		3.684				ND	
30 trans-1,2-Dichloroethene	96		3.684				ND	
34 1,1-Dichloroethane	63		4.063				ND	
35 Vinyl acetate	43		4.098				ND	
37 2-Chloro-1,3-butadiene	53		4.137				ND	
40 cis-1,2-Dichloroethene	96		4.559				ND	
41 2-Butanone (MEK)	43		4.583				ND	
43 Propionitrile	54		4.646				ND	
44 Methacrylonitrile	41		4.764				ND	
47 Chloroform	83	4.832	4.831	0.001	58	24831	0.6047	
48 1,1,1-Trichloroethane	97		4.985				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
51 Carbon tetrachloride	117		5.127				ND	
52 Isobutyl alcohol	41		5.222				ND	
53 Benzene	78		5.305				ND	
54 1,2-Dichloroethane	62		5.328				ND	
58 Trichloroethene	130		5.849				ND	
61 1,2-Dichloropropane	63		6.050				ND	
62 Methyl methacrylate	41		6.136				ND	
63 Dibromomethane	93		6.156				ND	
64 1,4-Dioxane	88		6.168				ND	
65 Dichlorobromomethane	83		6.286				ND	
68 cis-1,3-Dichloropropene	75		6.677				ND	
69 4-Methyl-2-pentanone (MIBK	43		6.807				ND	
70 Toluene	91		6.972				ND	
71 trans-1,3-Dichloropropene	75		7.162				ND	
72 Ethyl methacrylate	69		7.233				ND	
73 1,1,2-Trichloroethane	97		7.339				ND	
74 Tetrachloroethene	164		7.457				ND	
76 2-Hexanone	43		7.552				ND	
78 Chlorodibromomethane	129		7.706				ND	
80 Ethylene Dibromide	107		7.812				ND	
82 Chlorobenzene	112		8.262				ND	
83 1,1,1,2-Tetrachloroethane	131		8.333				ND	
84 Ethylbenzene	106		8.345				ND	
85 m-Xylene & p-Xylene	106		8.451				ND	
86 o-Xylene	106		8.841				ND	
87 Styrene	104		8.853				ND	
88 Bromoform	173		9.042				ND	
92 1,1,2,2-Tetrachloroethane	83		9.480				ND	
94 1,2,3-Trichloropropane	110		9.527				ND	
95 trans-1,4-Dichloro-2-buten	53		9.539				ND	
111 1,2-Dibromo-3-Chloropropan	157		11.645				ND	
S 128 1,2-Dichloroethene, Total	96		1.140				0	
S 130 Xylenes, Total	106		16.530				0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

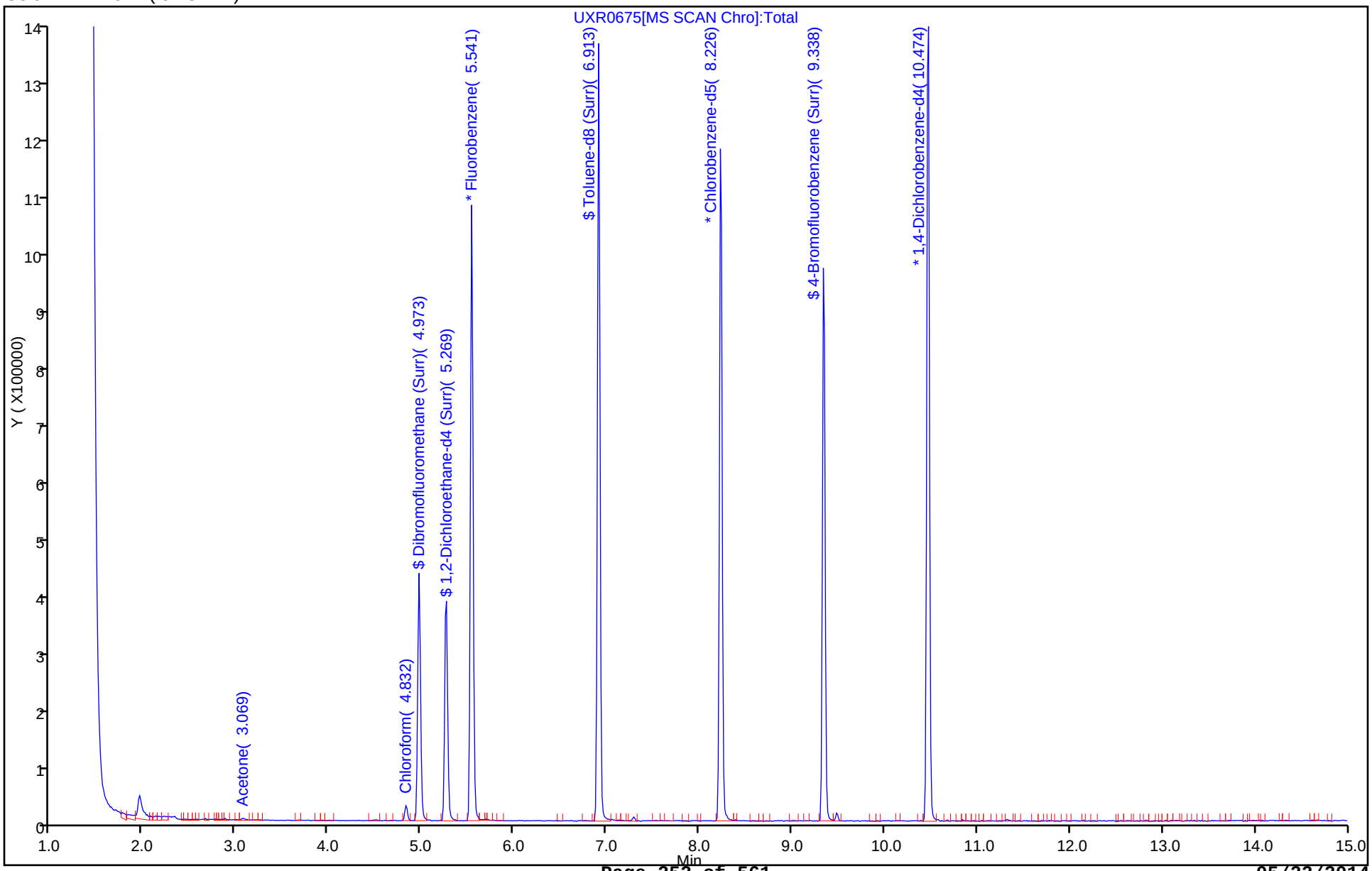
Report Date: 20-May-2014 10:42:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0675.D

Injection Date:	19-May-2014 20:29:30	Instrument ID:	A3UX10	Operator ID:	1644
Lims ID:	240-37120-B-12	Lab Sample ID:	240-37120-12	Worklist Smp#:	24
Client ID:	TB03/050814				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)

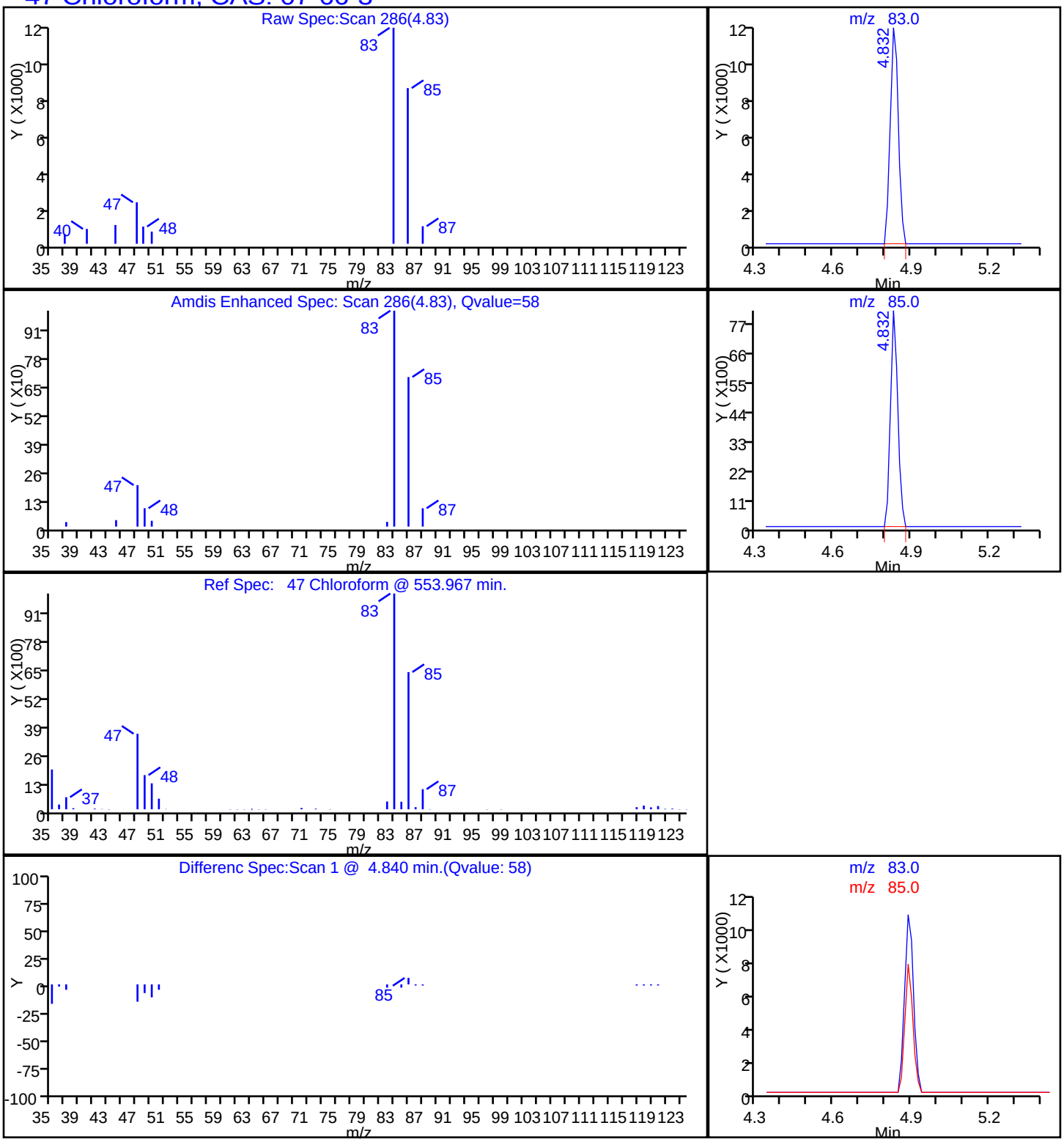


Report Date: 20-May-2014 10:42:33 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0675.D				
Injection Date:	19-May-2014 20:29:30	Instrument ID:	A3UX10		
Lims ID:	240-37120-B-12	Lab Sample ID:	240-37120-12		
Client ID:	TB03/050814				
Operator ID:	1644	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

47 Chloroform, CAS: 67-66-3



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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-122370/7	UXX8839.D
Level 2	STD8260 240-122370/6	UXX8838.D
Level 3	STD8260 240-122370/5	UXX8837.D
Level 4	STD8260 240-122370/4	UXX8836.D
Level 5	STD8260 240-122370/3	UXX8835.D
Level 6	STD8260 240-122370/2	UXX8834.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2351 0.2522	0.2412	0.2233	0.2482	0.2522	Ave		0.2420				4.7		15.0			
Chloromethane	0.3337 0.2770	0.3055	0.2809	0.2718	0.2761	Ave		0.2908			0.1000	8.3		15.0			
Vinyl chloride	0.2986 0.2843	0.2917	0.2749	0.2772	0.2823	Ave		0.2848				3.1		15.0			
Butadiene	0.2985 0.2557	0.2801	0.2592	0.2556	0.2538	Ave		0.2671				6.8		15.0			
Bromomethane	0.1623 0.1036	0.1528	0.1378	0.1183	0.1263	Lin1	0.0764	0.1096							0.9900		0.9900
Chloroethane	0.1738 0.1443	0.1643	0.1606	0.1470	0.1562	Ave		0.1577				7.0		15.0			
Dichlorofluoromethane	0.3860 0.2893	0.3416	0.3193	0.3006	0.3122	Ave		0.3248				11.0		15.0			
Trichlorofluoromethane	0.2911 0.2690	0.2877	0.2724	0.2839	0.2803	Ave		0.2807				3.1		15.0			
Ethyl ether	0.1766 0.1775	0.1636	0.1606	0.1726	0.1710	Ave		0.1703				4.0		15.0			
Acrolein	0.0265 0.0260	0.0260	0.0244	0.0255	0.0267	Ave		0.0258				3.2		15.0			
1,1-Dichloroethene	0.2302 0.2164	0.2257	0.2045	0.2099	0.2186	Ave		0.2175				4.4		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1862 0.1940	0.1959	0.1601	0.1824	0.1859	Ave		0.1841				7.0		15.0			
Acetone	0.0617 0.0612	0.0527	0.0531	0.0617	0.0619	Ave		0.0587				7.7		15.0			
Iodomethane	0.3782 0.3597	0.3626	0.3430	0.3520	0.3540	Ave		0.3583				3.3		15.0			
Carbon disulfide	0.7303 0.7175	0.7152	0.6643	0.6891	0.7109	Ave		0.7045				3.4		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 Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1611 0.1518	0.1494	0.1430	0.1476	0.1531	Ave		0.1510				4.0		15.0			
Methyl acetate	0.1415 0.1427	0.1313	0.1280	0.1366	0.1443	Ave		0.1374				4.8		15.0			
Methylene Chloride	0.3443 0.2359	0.2861	0.2451	0.2408	0.2412	Lin1	0.1037	0.2332							1.0000		0.9900
2-Methyl-2-propanol	0.0124 0.0185	0.0112	0.0115	0.0177	0.0193	Lin1	-0.118	0.0188							0.9910		0.9900
Acrylonitrile	0.0686 0.0713	0.0647	0.0637	0.0691	0.0727	Ave		0.0683				5.2		15.0			
Methyl tert-butyl ether	0.7053 0.7033	0.6530	0.6488	0.6670	0.7001	Ave		0.6796				3.9		15.0			
trans-1,2-Dichloroethene	0.2715 0.2373	0.2550	0.2346	0.2414	0.2467	Ave		0.2478				5.5		15.0			
Hexane	0.0622 0.0621	0.0576	0.0519	0.0604	0.0608	Ave		0.0592				6.6		15.0			
1,1-Dichloroethane	0.4200 0.4123	0.4127	0.3962	0.4073	0.4136	Ave		0.4104			0.1000	2.0		15.0			
Vinyl acetate	0.2499 0.2755	0.2458	0.2461	0.2668	0.2648	Ave		0.2581				4.9		15.0			
2,2-Dichloropropane	0.3404 0.3338	0.3346	0.3152	0.3274	0.3346	Ave		0.3310				2.6		15.0			
cis-1,2-Dichloroethene	0.2844 0.2570	0.2691	0.2526	0.2566	0.2589	Ave		0.2631				4.5		15.0			
2-Butanone	0.0717 0.0776	0.0661	0.0658	0.0765	0.0798	Ave		0.0729				8.2		15.0			
Chlorobromomethane	0.1277 0.1212	0.1199	0.1166	0.1182	0.1214	Ave		0.1208				3.2		15.0			
Tetrahydrofuran	0.0628 0.0532	0.0561	0.0513	0.0525	0.0532	Ave		0.0549				7.7		15.0			
Chloroform	0.4091 0.3998	0.3965	0.3883	0.3936	0.4001	Ave		0.3979				1.8		15.0			
1,1,1-Trichloroethane	0.3758 0.3613	0.3620	0.3441	0.3590	0.3657	Ave		0.3613				2.9		15.0			
Cyclohexane	0.3882 0.4002	0.4071	0.3482	0.3903	0.3980	Ave		0.3887				5.4		15.0			
1,1-Dichloropropene	0.3153 0.3039	0.2969	0.2821	0.2999	0.3027	Ave		0.3001				3.6		15.0			
Carbon tetrachloride	0.3030 0.3273	0.3113	0.2889	0.3134	0.3260	Ave		0.3117				4.6		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 Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

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								
Isobutanol	0.0120 0.0080	0.0058	0.0066	0.0078	0.0084	Lin1	0.0127	0.0080							0.9900		0.9900
Benzene	0.9808 0.9463	0.9526	0.9016	0.9385	0.9429	Ave		0.9438				2.7		15.0			
1,2-Dichloroethane	0.3005 0.2997	0.2897	0.2882	0.2961	0.3020	Ave		0.2960				2.0		15.0			
n-Heptane	0.0505 0.0556	0.0518	0.0461	0.0536	0.0524	Ave		0.0517				6.3		15.0			
Trichloroethene	0.2524 0.2505	0.2456	0.2399	0.2491	0.2498	Ave		0.2479				1.8		15.0			
Methylcyclohexane	0.3681 0.4035	0.3938	0.3403	0.3883	0.3998	Ave		0.3823				6.3		15.0			
1,2-Dichloropropane	0.2019 0.2137	0.2038	0.2037	0.2136	0.2120	Ave		0.2081				2.7		15.0			
Dibromomethane	0.1206 0.1236	0.1157	0.1190	0.1229	0.1246	Ave		0.1211				2.8		15.0			
1,4-Dioxane	0.0008 0.0018	0.0009	0.0009	0.0021	0.0020	Qua	-0.068	0.0024	0						0.9950		0.9900
Bromodichloromethane	0.2704 0.3046	0.2793	0.2780	0.2879	0.2969	Ave		0.2862				4.5		15.0			
2-Chloroethyl vinyl ether	0.0585 0.0866	0.0595	0.0675	0.0807	0.0839	Lin1	-0.086	0.0862							0.9980		0.9900
cis-1,3-Dichloropropene	0.2912 0.3568	0.3047	0.3100	0.3419	0.3479	Ave		0.3254				8.2		15.0			
4-Methyl-2-pentanone (MIBK)	0.1394 0.1665	0.1418	0.1396	0.1571	0.1664	Ave		0.1518				8.6		15.0			
Toluene	1.4615 1.4216	1.4050	1.3791	1.3802	1.4160	Ave		1.4106				2.2		15.0			
trans-1,3-Dichloropropene	0.3681 0.4292	0.3691	0.3915	0.4066	0.4240	Ave		0.3981				6.6		15.0			
Ethyl methacrylate	0.2764 0.3465	0.2842	0.3048	0.3292	0.3516	Ave		0.3155				10.0		15.0			
1,1,2-Trichloroethane	0.2496 0.2460	0.2437	0.2522	0.2472	0.2515	Ave		0.2484				1.3		15.0			
Tetrachloroethene	0.3038 0.2845	0.2924	0.2800	0.2816	0.2863	Ave		0.2881				3.1		15.0			
1,3-Dichloropropane	0.4404 0.4501	0.4282	0.4405	0.4460	0.4519	Ave		0.4429				1.9		15.0			
2-Hexanone	0.1455 0.1559	0.1340	0.1386	0.1487	0.1580	Ave		0.1468				6.4		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 Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

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								
Dibromochloromethane	0.2685 0.3074	0.2662	0.2766	0.2873	0.2992	Ave		0.2842				5.9		15.0			
Ethylene Dibromide	0.2466 0.2471	0.2388	0.2432	0.2450	0.2511	Ave		0.2453				1.7		15.0			
Chlorobenzene	0.9392 0.8969	0.8870	0.8903	0.8959	0.8955	Ave		0.9008			0.3000	2.1		15.0			
1,1,1,2-Tetrachloroethane	0.3260 0.3371	0.3274	0.3251	0.3256	0.3359	Ave		0.3295				1.7		15.0			
Ethylbenzene	0.5064 0.4957	0.5011	0.4823	0.4955	0.4939	Ave		0.4958				1.6		15.0			
m-Xylene & p-Xylene	0.6292 0.6215	0.6094	0.6004	0.6209	0.6169	Ave		0.6164				1.6		15.0			
o-Xylene	0.6243 0.6252	0.6043	0.6016	0.6140	0.6187	Ave		0.6147				1.6		15.0			
Styrene	0.9381 1.0159	0.9504	0.9419	0.9932	0.9975	Ave		0.9728				3.4		15.0			
Bromoform	0.1632 0.2063	0.1645	0.1721	0.1874	0.1986	Ave		0.1820			0.1000	10.0		15.0			
Isopropylbenzene	1.6147 1.6860	1.5898	1.5513	1.6099	1.6605	Ave		1.6187				3.0		15.0			
1,1,2,2-Tetrachloroethane	0.5333 0.5596	0.5116	0.5282	0.5479	0.5583	Ave		0.5398			0.3000	3.5		15.0			
Bromobenzene	0.6529 0.6798	0.6842	0.6558	0.6754	0.6708	Ave		0.6698				1.9		15.0			
1,2,3-Trichloropropane	0.1807 0.1854	0.1717	0.1772	0.1867	0.1839	Ave		0.1809				3.1		15.0			
trans-1,4-Dichloro-2-butene	0.1370 0.1791	0.1386	0.1524	0.1630	0.1776	Ave		0.1580				12.0		15.0			
N-Propylbenzene	0.7026 0.7789	0.7350	0.7186	0.7608	0.7476	Ave		0.7406				3.8		15.0			
2-Chlorotoluene	0.6347 0.6511	0.6436	0.6256	0.6430	0.6435	Ave		0.6402				1.4		15.0			
1,3,5-Trimethylbenzene	2.0564 2.3932	2.1199	2.1145	2.2765	2.2962	Ave		2.2095				5.9		15.0			
4-Chlorotoluene	0.6512 0.6798	0.6715	0.6531	0.6824	0.6626	Ave		0.6668				2.0		15.0			
tert-Butylbenzene	1.8314 2.0767	1.8513	1.8431	1.9884	2.0086	Ave		1.9332				5.4		15.0			
1,2,4-Trimethylbenzene	2.1662 2.5065	2.2638	2.2108	2.3707	2.4062	Ave		2.3207				5.6		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 Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

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								
sec-Butylbenzene	2.4320 2.8708	2.5721	2.4472	2.7018	2.7748	Ave		2.6331				6.8		15.0			
1,3-Dichlorobenzene	1.3366 1.3205	1.3324	1.2710	1.3072	1.3175	Ave		1.3142				1.8		15.0			
4-Isopropyltoluene	2.1208 2.5218	2.2477	2.1782	2.4228	2.4882	Ave		2.3299				7.3		15.0			
1,4-Dichlorobenzene	1.3782 1.3694	1.3746	1.3226	1.3523	1.3650	Ave		1.3603				1.5		15.0			
n-Butylbenzene	1.7854 2.0843	1.8813	1.7710	1.9656	2.0342	Ave		1.9203				6.7		15.0			
1,2-Dichlorobenzene	1.2887 1.2790	1.2840	1.2095	1.2647	1.2692	Ave		1.2659				2.3		15.0			
1,2-Dibromo-3-Chloropropane	0.1012 0.1201	0.1016	0.1029	0.1160	0.1237	Ave		0.1109				9.2		15.0			
1,2,4-Trichlorobenzene	0.7975 0.8215	0.8025	0.7548	0.8660	0.8742	Ave		0.8194				5.5		15.0			
Hexachlorobutadiene	0.3065 0.3056	0.3179	0.2840	0.3308	0.3308	Ave		0.3126				5.7		15.0			
Naphthalene	1.8389 1.8848	1.8338	1.7252	1.9783	2.0783	Ave		1.8899				6.5		15.0			
1,2,3-Trichlorobenzene	0.7013 0.6991	0.6930	0.6526	0.7889	0.7862	Ave		0.7202				7.7		15.0			
Dibromofluoromethane (Surr)	0.2112 0.2079	0.2038	0.2068	0.2038	0.2081	Ave		0.2069				1.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2471 0.2456	0.2387	0.2474	0.2432	0.2507	Ave		0.2454				1.7		15.0			
Toluene-d8 (Surr)	1.2187 1.1966	1.1473	1.2073	1.1634	1.2068	Ave		1.1900				2.4		15.0			
4-Bromofluorobenzene (Surr)	0.4722 0.4518	0.4510	0.4414	0.4512	0.4460	Ave		0.4523				2.3		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-122370/7	UXX8839.D
Level 2	STD8260 240-122370/6	UXX8838.D
Level 3	STD8260 240-122370/5	UXX8837.D
Level 4	STD8260 240-122370/4	UXX8836.D
Level 5	STD8260 240-122370/3	UXX8835.D
Level 6	STD8260 240-122370/2	UXX8834.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	33244 1511676	69476	165554	370283	754478	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	47186 1660252	87990	208301	405403	826013	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	42227 1704354	84006	203828	413514	844447	1.00 40.0	2.00	5.00	10.0	20.0
Butadiene	FB	Ave	42209 1532759	80678	192179	381246	759339	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Lin1	22948 621129	44019	102201	176538	377776	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	24577 865172	47317	119076	219247	467312	1.00 40.0	2.00	5.00	10.0	20.0
Dichlorofluoromethane	FB	Ave	54577 1734506	98396	236763	448402	933894	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	41160 1612518	82865	202023	423546	838405	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	24976 1063794	47133	119107	257549	511403	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	18703 779919	37427	90393	190004	399221	5.00 200	10.0	25.0	50.0	100
1,1-Dichloroethene	FB	Ave	32551 1296958	64995	151639	313125	653814	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	26323 1162747	56436	118721	272091	556194	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Ave	17461 733342	30373	78809	184201	370573	2.00 80.0	4.00	10.0	20.0	40.0
Iodomethane	FB	Ave	53471 2156324	104445	254370	525051	1059079	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	103264 4300985	205989	492552	1027998	2126664	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	22785 909979	43024	106015	220121	458097	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	100034 4277780	189080	474390	1019126	2158913	5.00 200	10.0	25.0	50.0	100
Methylene Chloride	FB	Lin1	48690 1413984	82408	181740	359139	721412	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Lin1	17556 1107225	32354	85131	263957	577406	10.0 400	20.0	50.0	100	200
Acrylonitrile	FB	Ave	97022 4272038	186230	471987	1030061	2174542	10.0 400	20.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	99734 4216015	188083	481092	995061	2094204	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	38390 1422371	73450	173932	360160	738009	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	8799 372203	16588	38505	90103	181800	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	59394 2471810	118863	293783	607637	1237281	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	33916 1585142	67977	175164	382079	760288	0.960 38.4	1.92	4.80	9.60	19.2
2,2-Dichloropropane	FB	Ave	48133 2001137	96379	233758	488412	1001044	1.00 40.0	2.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	FB	Ave	40209 1540689	77499	187271	382826	774339	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone	FB	Ave	20279 930557	38102	97598	228375	477240	2.00 80.0	4.00	10.0	20.0	40.0
Chlorobromomethane	FB	Ave	18055 726761	34537	86457	176358	363159	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	17759 637827	32331	76147	156564	318125	2.00 80.0	4.00	10.0	20.0	40.0
Chloroform	FB	Ave	57847 2396901	114198	287936	587194	1196756	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	53142 2165835	104259	255183	535488	1093887	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	54894 2399220	117262	258229	582261	1190441	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	44580 1821996	85507	209170	447325	905615	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	42847 1962164	89673	214234	467486	975036	1.00 40.0	2.00	5.00	10.0	20.0
Isobutanol	CBZ	Lin1	26182 833788	27165	79030	199674	426751	25.0 1000	50.0	125	250	500
Benzene	FB	Ave	138686 5672831	274370	668530	1400071	2820556	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

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-Dichloroethane	FB	Ave	42484 1796718	83438	213705	441748	903275	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	7146 333291	14926	34180	79992	156825	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	35684 1501690	70727	177877	371637	747351	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	52049 2418537	113424	252311	579249	1195923	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	28555 1281122	58689	151069	318672	634302	1.00 40.0	2.00	5.00	10.0	20.0
Dibromomethane	FB	Ave	17053 741053	33323	88222	183330	372808	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Qua	2135 210540	4997	13644	61938	118133	20.0 800	40.0	100	200	400
Bromodichloromethane	FB	Ave	38237 1826020	80438	206167	429449	888071	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Lin1	16547 1038626	34256	100109	240893	501654	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	41181 2138933	87747	229872	510082	1040728	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	39433 1995787	81683	207097	468789	995305	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	127730 5915997	261096	655760	1418516	2873134	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	32173 1786045	68594	186173	417935	860310	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	24156 1441789	52817	144929	338379	713440	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	21811 1023635	45294	119905	254108	510409	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	26554 1184083	54330	133149	289397	580982	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	38492 1872991	79577	209472	458437	916853	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	25440 1297490	49789	131787	305563	641203	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	23464 1279307	49471	131507	295234	607160	1.00 40.0	2.00	5.00	10.0	20.0
Ethylene Dibromide	CBZ	Ave	21555 1028155	44369	115620	251767	509531	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	82086 3732458	164829	423349	920801	1817001	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	28491 1402769	60844	154600	334691	681539	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	44262 2063049	93117	229306	509225	1002214	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	54991 2586398	113241	285482	638109	1251734	1.00 40.0	2.00	5.00	10.0	20.0
o-Xylene	CBZ	Ave	54565 2601652	112290	286063	631050	1255406	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	81985 4227946	176603	447880	1020747	2023906	1.00 40.0	2.00	5.00	10.0	20.0
Bromoform	CBZ	Ave	14265 858439	30574	81825	192632	402971	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	141118 7016320	295429	737629	1654581	3369308	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	29967 1359940	57961	149382	336260	679848	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	36689 1652044	77521	185480	414485	816930	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	10154 450636	19455	50108	114609	223938	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	7699 435271	15705	43090	100067	216315	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	39479 1892905	83275	203223	466931	910456	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	35665 1582274	72921	176945	394600	783609	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	115552 5816161	240190	598024	1397157	2796226	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	36593 1652082	76082	184704	418806	806865	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	102906 5047073	209751	521271	1220348	2445988	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	121723 6091537	256492	625249	1454965	2930230	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	136659 6976901	291419	692115	1658194	3379110	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	75105 3209228	150966	359457	802265	1604465	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	119169 6128743	254670	616042	1486955	3030053	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	77443 3327944	155743	374064	829933	1662261	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 09:02 Calibration End Date: 03/13/2014 10:55 Calibration ID: 21113

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	100324 5065355	213156	500878	1206342	2477251	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	72414 3108368	145475	342080	776168	1545594	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	5684 291955	11513	29106	71165	150578	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	44812 1996470	90926	213484	531490	1064526	1.00 40.0	2.00	5.00	10.0	20.0
Hexachlorobutadiene	DCB	Ave	17222 742744	36017	80314	202992	402794	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	103327 4580585	207772	487932	1214155	2530843	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	39408 1699122	78518	184560	484176	957402	1.00 40.0	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	29864 1246253	58689	153321	304067	622639	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	34937 1472321	68750	183434	362866	749823	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	106509 4979589	213209	574063	1195752	2448604	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	41267 1880296	83802	209858	463775	904872	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8834.D
Lims ID: STD8260 L6 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Mar-2014 09:02:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-002
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub46

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:19 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: quayler Date: 13-Mar-2014 09:35:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.546	5.537	0.009	99	1498627	10.0	
* 2 Chlorobenzene-d5	117	8.232	8.235	-0.003	83	1040397	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.468	10.471	-0.003	74	607572	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	55	1246253	40.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.262	5.261	0.001	0	1472321	40.0	
$ 6 Toluene-d8 (Surr)	98	6.918	6.918	0.0	83	4979589	40.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.344	9.343	0.001	90	1880296	40.0	
9 Dichlorodifluoromethane	85	1.605	1.605	0.0	88	1511676	41.7	
10 Chloromethane	50	1.759	1.747	0.012	89	1660252	38.1	
11 Vinyl chloride	62	1.866	1.865	0.001	98	1704354	39.9	
12 Butadiene	54	1.901	1.901	0.0	97	1532759	38.3	
13 Bromomethane	94	2.185	2.196	-0.011	91	621129	37.1	
14 Chloroethane	64	2.292	2.291	0.001	94	865172	36.6	
15 Dichlorofluoromethane	67	2.493	2.492	0.001	82	1734506	35.6	
16 Trichlorofluoromethane	101	2.516	2.528	-0.012	87	1612518	38.3	
17 Ethyl ether	59	2.789	2.788	0.001	88	1063794	41.7	
18 Acrolein	56	2.919	2.930	-0.011	90	779919	201.4	
19 1,1-Dichloroethene	96	3.002	3.001	0.001	90	1296958	39.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.025	3.025	0.0	83	1162747	42.1	
21 Acetone	43	3.073	3.072	0.001	100	733342	83.3	
22 Iodomethane	142	3.155	3.155	0.0	98	2156324	40.2	
24 Carbon disulfide	76	3.203	3.202	0.001	99	4300985	40.7	
26 3-Chloro-1-propene	76	3.345	3.344	0.001	85	909979	40.2	
27 Methyl acetate	43	3.357	3.356	0.001	97	4277780	207.7	
28 Methylene Chloride	84	3.451	3.451	0.0	86	1413984	40.0	
29 2-Methyl-2-propanol	59	3.558	3.557	0.001	97	1107225	399.7	
32 Methyl tert-butyl ether	73	3.688	3.687	0.001	87	4216015	41.4	
31 Acrylonitrile	53	3.688	3.687	0.001	100	4272038	417.2	
30 trans-1,2-Dichloroethene	96	3.688	3.699	-0.011	95	1422371	38.3	
33 Hexane	86	3.913	3.912	0.001	92	372203	42.0	
34 1,1-Dichloroethane	63	4.067	4.066	0.001	85	2471810	40.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
35 Vinyl acetate	43	4.102	4.101	0.001	97	1585142	41.0	
40 cis-1,2-Dichloroethene	96	4.563	4.563	0.0	71	1540689	39.1	
39 2,2-Dichloropropane	77	4.563	4.563	0.0	74	2001137	40.3	
41 2-Butanone (MEK)	43	4.575	4.587	-0.012	93	930557	85.1	
45 Chlorobromomethane	128	4.776	4.776	0.0	86	726761	40.1	
46 Tetrahydrofuran	42	4.812	4.811	0.001	95	637827	77.6	
47 Chloroform	83	4.836	4.835	0.001	70	2396901	40.2	
48 1,1,1-Trichloroethane	97	4.989	4.989	0.0	87	2165835	40.0	
49 Cyclohexane	56	5.037	5.036	0.001	88	2399220	41.2	
50 1,1-Dichloropropene	75	5.131	5.131	0.0	92	1821996	40.5	
51 Carbon tetrachloride	117	5.131	5.131	0.0	78	1962164	42.0	
52 Isobutyl alcohol	41	5.214	5.226	-0.012	92	833788	1006.0	
53 Benzene	78	5.309	5.308	0.001	93	5672831	40.1	
54 1,2-Dichloroethane	62	5.333	5.332	0.001	87	1796718	40.5	
56 n-Heptane	100	5.498	5.510	-0.012	91	333291	43.0	
58 Trichloroethene	130	5.853	5.853	0.0	96	1501690	40.4	
60 Methylcyclohexane	83	6.019	6.018	0.001	83	2418537	42.2	
61 1,2-Dichloropropane	63	6.054	6.054	0.0	93	1281122	41.1	
63 Dibromomethane	93	6.161	6.160	0.001	87	741053	40.8	
64 1,4-Dioxane	88	6.173	6.172	0.001	86	210540	798.2	
65 Dichlorobromomethane	83	6.291	6.290	0.001	100	1826020	42.6	
67 2-Chloroethyl vinyl ether	63	6.540	6.539	0.001	93	1038626	81.4	
68 cis-1,3-Dichloropropene	75	6.682	6.681	0.001	89	2138933	43.9	
69 4-Methyl-2-pentanone (MIBK)	43	6.812	6.811	0.001	96	1995787	87.7	
70 Toluene	91	6.977	6.977	0.0	92	5915997	40.3	
71 trans-1,3-Dichloropropene	75	7.167	7.166	0.001	86	1786045	43.1	
72 Ethyl methacrylate	69	7.226	7.225	0.001	88	1441789	43.9	
73 1,1,2-Trichloroethane	97	7.344	7.344	0.0	86	1023635	39.6	
74 Tetrachloroethene	164	7.463	7.462	0.001	93	1184083	39.5	
75 1,3-Dichloropropane	76	7.498	7.497	0.001	89	1872991	40.7	
76 2-Hexanone	43	7.557	7.557	0.0	96	1297490	85.0	
78 Chlorodibromomethane	129	7.699	7.699	0.0	87	1279307	43.3	
80 Ethylene Dibromide	107	7.818	7.817	0.001	98	1028155	40.3	
82 Chlorobenzene	112	8.255	8.255	0.0	93	3732458	39.8	
83 1,1,1,2-Tetrachloroethane	131	8.338	8.338	0.0	87	1402769	40.9	
84 Ethylbenzene	106	8.350	8.349	0.001	98	2063049	40.0	
85 m-Xylene & p-Xylene	106	8.456	8.456	0.0	100	2586398	40.3	
86 o-Xylene	106	8.835	8.835	0.0	95	2601652	40.7	
87 Styrene	104	8.847	8.846	0.001	93	4227946	41.8	
88 Bromoform	173	9.048	9.048	0.0	96	858439	45.3	
89 Isopropylbenzene	105	9.190	9.190	0.0	95	7016320	41.7	
92 1,1,2,2-Tetrachloroethane	83	9.486	9.485	0.001	87	1359940	41.5	
93 Bromobenzene	156	9.498	9.497	0.001	91	1652044	40.6	
94 1,2,3-Trichloropropane	110	9.533	9.533	0.0	80	450636	41.0	
95 trans-1,4-Dichloro-2-butene	53	9.533	9.533	0.0	64	435271	45.4	
96 N-Propylbenzene	120	9.581	9.580	0.001	96	1892905	42.1	
97 2-Chlorotoluene	126	9.675	9.675	0.0	96	1582274	40.7	
98 1,3,5-Trimethylbenzene	105	9.746	9.746	0.0	89	5816161	43.3	
99 4-Chlorotoluene	126	9.782	9.781	0.001	98	1652082	40.8	
100 tert-Butylbenzene	119	10.078	10.077	0.001	81	5047073	43.0	
102 1,2,4-Trimethylbenzene	105	10.125	10.124	0.001	89	6091537	43.2	
103 sec-Butylbenzene	105	10.291	10.290	0.001	94	6976901	43.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.409	10.408	0.001	97	3209228	40.2	
105 4-Isopropyltoluene	119	10.433	10.432	0.001	88	6128743	43.3	
106 1,4-Dichlorobenzene	146	10.492	10.491	0.001	94	3327944	40.3	
109 n-Butylbenzene	91	10.835	10.834	0.001	95	5065355	43.4	
110 1,2-Dichlorobenzene	146	10.870	10.870	0.0	98	3108368	40.4	
111 1,2-Dibromo-3-Chloropropane	157	11.651	11.651	0.0	85	291955	43.3	
113 1,2,4-Trichlorobenzene	180	12.468	12.467	0.001	92	1996470	40.1	
114 Hexachlorobutadiene	225	12.622	12.621	0.001	94	742744	39.1	
115 Naphthalene	128	12.716	12.716	0.0	100	4580585	39.9	
116 1,2,3-Trichlorobenzene	180	12.965	12.964	0.001	99	1699122	38.8	
S 128 1,2-Dichloroethene, Total	96				0		77.4	
S 129 1,3-Dichloropropene, Total	75				0		87.0	
S 130 Xylenes, Total	106				0		81.0	
S 131 Trihalomethanes, Total	1				0		171.4	

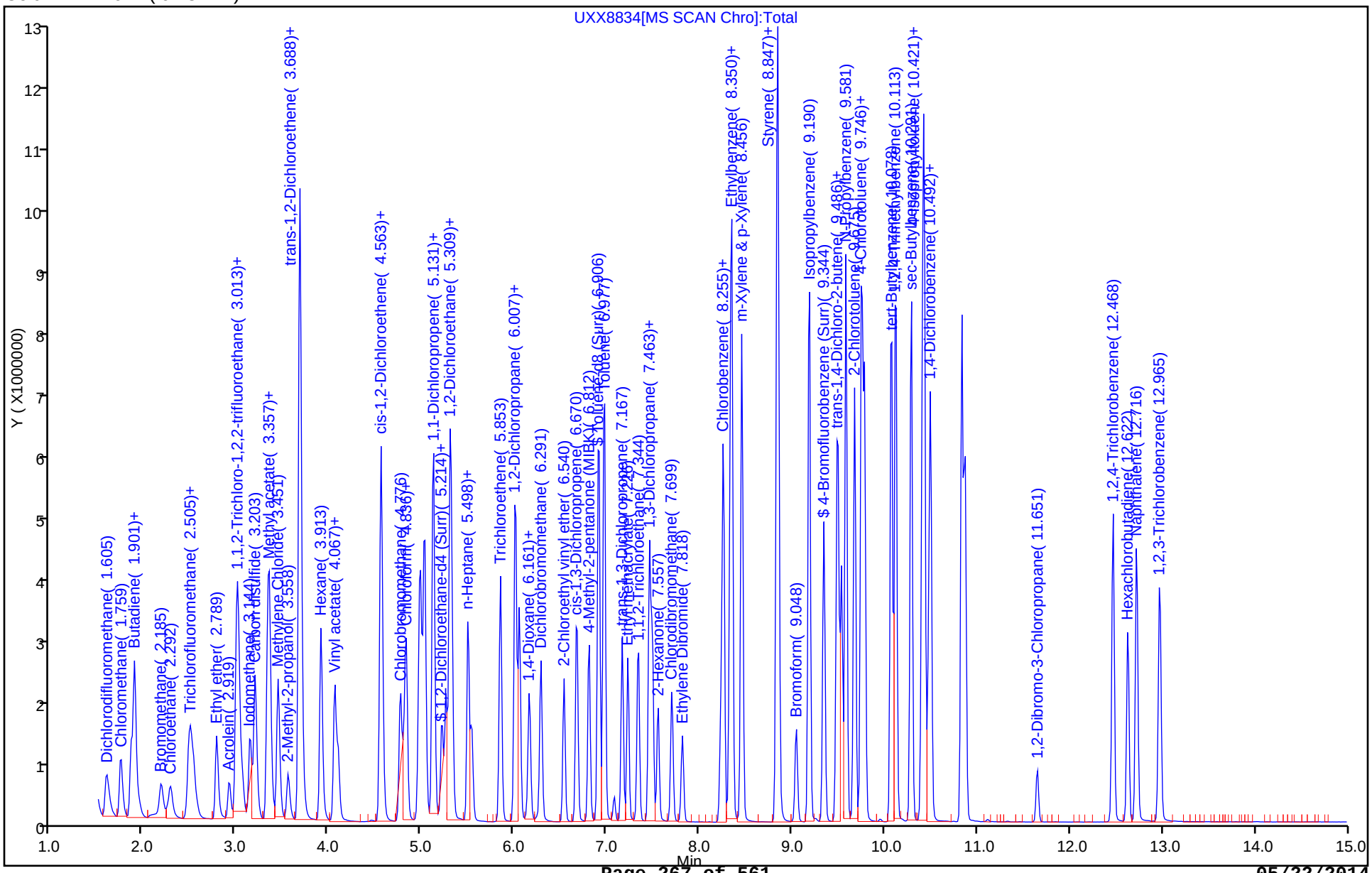
Report Date: 14-Mar-2014 08:02:19 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8834.D

Injection Date:	13-Mar-2014 09:02:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STD8260 L6	Lab Sample ID:		Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8835.D
Lims ID: STD8260 L5 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Mar-2014 09:24:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-003
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub46

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:20 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: quayler Date: 13-Mar-2014 10:37:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.544	5.537	0.007	99	1495668	10.0	
* 2 Chlorobenzene-d5	117	8.230	8.235	-0.005	87	1014531	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.467	10.471	-0.005	88	608886	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.976	4.977	-0.001	64	622639	20.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.260	5.261	-0.001	0	749823	20.4	
$ 6 Toluene-d8 (Surr)	98	6.917	6.918	-0.001	83	2448604	20.3	
$ 7 4-Bromofluorobenzene (Surr)	95	9.342	9.343	-0.001	90	904872	19.7	
9 Dichlorodifluoromethane	85	1.592	1.605	-0.013	88	754478	20.8	
10 Chloromethane	50	1.746	1.747	-0.001	89	826013	19.0	
11 Vinyl chloride	62	1.864	1.865	-0.001	83	844447	19.8	
12 Butadiene	54	1.900	1.901	-0.001	98	759339	19.0	
13 Bromomethane	94	2.184	2.196	-0.012	91	377776	22.3	
14 Chloroethane	64	2.290	2.291	-0.001	99	467312	19.8	
15 Dichlorofluoromethane	67	2.479	2.492	-0.013	83	933894	19.2	
16 Trichlorofluoromethane	101	2.527	2.528	-0.001	86	838405	20.0	
17 Ethyl ether	59	2.787	2.788	-0.001	86	511403	20.1	
18 Acrolein	56	2.917	2.930	-0.013	90	399221	103.3	
19 1,1-Dichloroethene	96	3.000	3.001	-0.001	90	653814	20.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.024	3.025	-0.001	82	556194	20.2	
21 Acetone	43	3.059	3.072	-0.013	98	370573	42.2	
22 Iodomethane	142	3.154	3.155	-0.001	99	1059079	19.8	
24 Carbon disulfide	76	3.201	3.202	-0.001	99	2126664	20.2	
26 3-Chloro-1-propene	76	3.343	3.344	-0.001	85	458097	20.3	
27 Methyl acetate	43	3.355	3.356	-0.001	97	2158913	105.0	
28 Methylene Chloride	84	3.450	3.451	-0.001	83	721412	20.2	
29 2-Methyl-2-propanol	59	3.556	3.557	-0.001	97	577406	211.8	
32 Methyl tert-butyl ether	73	3.686	3.687	-0.001	87	2094204	20.6	
31 Acrylonitrile	53	3.686	3.687	-0.001	99	2174542	212.8	
30 trans-1,2-Dichloroethene	96	3.686	3.699	-0.013	93	738009	19.9	
33 Hexane	86	3.911	3.912	-0.001	92	181800	20.5	
34 1,1-Dichloroethane	63	4.065	4.066	-0.001	85	1237281	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
35 Vinyl acetate	43	4.100	4.101	-0.001	97	760288	19.7	
40 cis-1,2-Dichloroethene	96	4.562	4.563	-0.001	70	774339	19.7	
39 2,2-Dichloropropane	77	4.562	4.563	-0.001	72	1001044	20.2	
41 2-Butanone (MEK)	43	4.574	4.587	-0.013	98	477240	43.8	
45 Chlorobromomethane	128	4.775	4.776	-0.001	91	363159	20.1	
46 Tetrahydrofuran	42	4.810	4.811	-0.001	95	318125	38.8	
47 Chloroform	83	4.834	4.835	-0.001	70	1196756	20.1	
48 1,1,1-Trichloroethane	97	4.988	4.989	-0.001	91	1093887	20.2	
49 Cyclohexane	56	5.035	5.036	-0.001	88	1190441	20.5	
50 1,1-Dichloropropene	75	5.130	5.131	-0.001	92	905615	20.2	
51 Carbon tetrachloride	117	5.130	5.131	-0.001	78	975036	20.9	
52 Isobutyl alcohol	41	5.225	5.226	-0.001	92	426751	527.3	
53 Benzene	78	5.307	5.308	-0.001	94	2820556	20.0	
54 1,2-Dichloroethane	62	5.331	5.332	-0.001	98	903275	20.4	
56 n-Heptane	100	5.509	5.510	-0.001	88	156825	20.3	
58 Trichloroethene	130	5.852	5.853	-0.001	92	747351	20.2	
60 Methylcyclohexane	83	6.017	6.018	-0.001	86	1195923	20.9	
61 1,2-Dichloropropane	63	6.053	6.054	-0.001	91	634302	20.4	
63 Dibromomethane	93	6.159	6.160	-0.001	89	372808	20.6	
64 1,4-Dioxane	88	6.171	6.172	-0.001	85	118133	403.4	
65 Dichlorobromomethane	83	6.290	6.290	0.0	91	888071	20.7	
67 2-Chloroethyl vinyl ether	63	6.538	6.539	-0.001	93	501654	39.9	
68 cis-1,3-Dichloropropene	75	6.680	6.681	-0.001	90	1040728	21.4	
69 4-Methyl-2-pentanone (MIBK)	43	6.810	6.811	-0.001	96	995305	43.8	
70 Toluene	91	6.976	6.977	-0.001	92	2873134	20.1	
71 trans-1,3-Dichloropropene	75	7.165	7.166	-0.001	89	860310	21.3	
72 Ethyl methacrylate	69	7.224	7.225	-0.001	87	713440	22.3	
73 1,1,2-Trichloroethane	97	7.343	7.344	-0.001	92	510409	20.3	
74 Tetrachloroethene	164	7.461	7.462	-0.001	93	580982	19.9	
75 1,3-Dichloropropane	76	7.496	7.497	-0.001	89	916853	20.4	
76 2-Hexanone	43	7.556	7.557	-0.001	95	641203	43.1	
78 Chlorodibromomethane	129	7.698	7.699	-0.001	85	607160	21.1	
80 Ethylene Dibromide	107	7.816	7.817	-0.001	98	509531	20.5	
82 Chlorobenzene	112	8.254	8.255	-0.001	94	1817001	19.9	
83 1,1,1,2-Tetrachloroethane	131	8.337	8.338	-0.001	82	681539	20.4	
84 Ethylbenzene	106	8.348	8.349	-0.001	98	1002214	19.9	
85 m-Xylene & p-Xylene	106	8.455	8.456	-0.001	100	1251734	20.0	
86 o-Xylene	106	8.834	8.835	-0.001	95	1255406	20.1	
87 Styrene	104	8.845	8.846	-0.001	93	2023906	20.5	
88 Bromoform	173	9.047	9.048	-0.001	96	402971	21.8	
89 Isopropylbenzene	105	9.189	9.190	-0.001	95	3369308	20.5	
92 1,1,2,2-Tetrachloroethane	83	9.484	9.485	-0.001	94	679848	20.7	
93 Bromobenzene	156	9.496	9.497	-0.001	91	816930	20.0	
94 1,2,3-Trichloropropane	110	9.532	9.533	-0.001	83	223938	20.3	
95 trans-1,4-Dichloro-2-butene	53	9.532	9.533	-0.001	64	216315	22.5	
96 N-Propylbenzene	120	9.579	9.580	-0.001	94	910456	20.2	
97 2-Chlorotoluene	126	9.674	9.675	-0.001	96	783609	20.1	
98 1,3,5-Trimethylbenzene	105	9.745	9.746	-0.001	79	2796226	20.8	
99 4-Chlorotoluene	126	9.780	9.781	-0.001	98	806865	19.9	
100 tert-Butylbenzene	119	10.076	10.077	-0.001	81	2445988	20.8	
102 1,2,4-Trimethylbenzene	105	10.123	10.124	-0.001	89	2930230	20.7	
103 sec-Butylbenzene	105	10.289	10.290	-0.001	94	3379110	21.1	

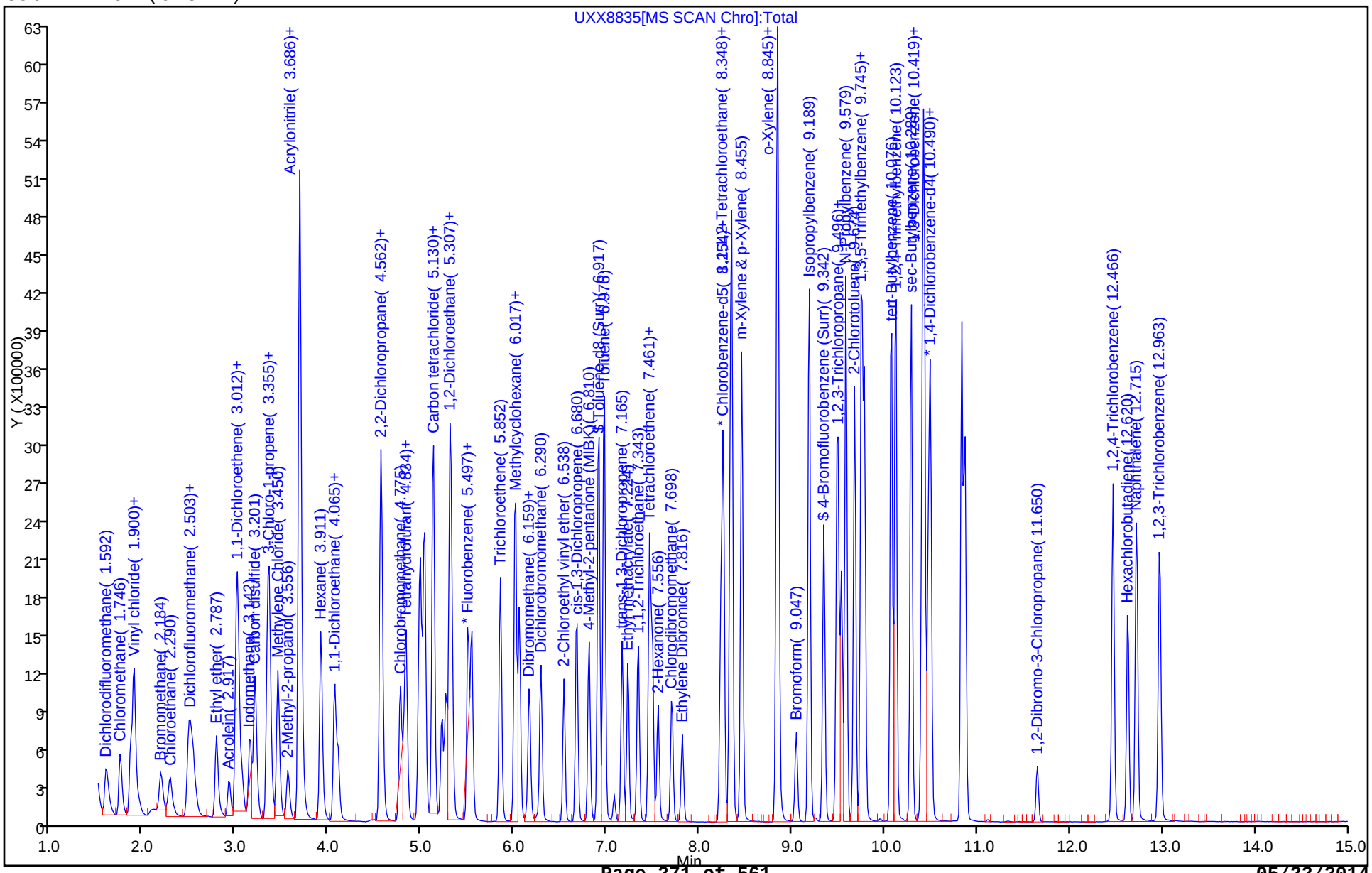
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.407	10.408	-0.001	97	1604465	20.1	
105 4-Isopropyltoluene	119	10.431	10.432	-0.001	94	3030053	21.4	
106 1,4-Dichlorobenzene	146	10.490	10.491	-0.001	92	1662261	20.1	
109 n-Butylbenzene	91	10.833	10.834	-0.001	94	2477251	21.2	
110 1,2-Dichlorobenzene	146	10.869	10.870	-0.001	98	1545594	20.1	
111 1,2-Dibromo-3-Chloropropane	157	11.650	11.651	-0.001	83	150578	22.3	
113 1,2,4-Trichlorobenzene	180	12.466	12.467	-0.001	90	1064526	21.3	
114 Hexachlorobutadiene	225	12.632	12.621	0.011	93	402794	21.2	
115 Naphthalene	128	12.715	12.716	-0.001	100	2530843	22.0	
116 1,2,3-Trichlorobenzene	180	12.963	12.964	-0.001	98	957402	21.8	
S 128 1,2-Dichloroethene, Total	96				0		39.6	
S 129 1,3-Dichloropropene, Total	75				0		42.7	
S 130 Xylenes, Total	106				0		40.1	
S 131 Trihalomethanes, Total	1				0		83.7	

Report Date: 14-Mar-2014 08:02:21 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8835.D				
Injection Date:	13-Mar-2014 09:24:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STD8260 L5	Lab Sample ID:		Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8836.D
Lims ID: STD8260 L4 Lab Sample ID:
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 13-Mar-2014 09:48:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-004
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub46

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:21 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.545	0.0	99	1491749	10.0	
* 2 Chlorobenzene-d5	117	8.231	8.231	0.0	86	1027785	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.467	10.467	0.0	87	613728	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.977	4.977	0.0	58	304067	9.85	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.261	5.261	0.0	0	362866	9.91	
$ 6 Toluene-d8 (Surr)	98	6.918	6.918	0.0	83	1195752	9.78	
$ 7 4-Bromofluorobenzene (Surr)	95	9.343	9.343	0.0	91	463775	9.98	
9 Dichlorodifluoromethane	85	1.605	1.605	0.0	97	370283	10.3	
10 Chloromethane	50	1.747	1.747	0.0	99	405403	9.34	
11 Vinyl chloride	62	1.865	1.865	0.0	83	413514	9.73	
12 Butadiene	54	1.901	1.901	0.0	96	381246	9.57	
13 Bromomethane	94	2.196	2.196	0.0	91	176538	10.1	
14 Chloroethane	64	2.291	2.291	0.0	98	219247	9.32	
15 Dichlorofluoromethane	67	2.492	2.492	0.0	83	448402	9.25	
16 Trichlorofluoromethane	101	2.528	2.528	0.0	98	423546	10.1	
17 Ethyl ether	59	2.788	2.788	0.0	87	257549	10.1	
18 Acrolein	56	2.930	2.930	0.0	90	190004	49.3	
19 1,1-Dichloroethene	96	3.001	3.001	0.0	90	313125	9.65	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.025	3.025	0.0	85	272091	9.91	
21 Acetone	43	3.072	3.072	0.0	97	184201	21.0	
22 Iodomethane	142	3.155	3.155	0.0	98	525051	9.82	
24 Carbon disulfide	76	3.202	3.202	0.0	99	1027998	9.78	
26 3-Chloro-1-propene	76	3.344	3.344	0.0	89	220121	9.77	
27 Methyl acetate	43	3.356	3.356	0.0	97	1019126	49.7	
28 Methylene Chloride	84	3.451	3.451	0.0	86	359139	9.88	
29 2-Methyl-2-propanol	59	3.557	3.557	0.0	97	263957	100.5	
32 Methyl tert-butyl ether	73	3.687	3.687	0.0	88	995061	9.82	
31 Acrylonitrile	53	3.687	3.687	0.0	99	1030061	101.1	
30 trans-1,2-Dichloroethene	96	3.699	3.699	0.0	92	360160	9.75	
33 Hexane	86	3.912	3.912	0.0	93	90103	10.2	
34 1,1-Dichloroethane	63	4.066	4.066	0.0	85	607637	9.93	
35 Vinyl acetate	43	4.101	4.101	0.0	97	382079	9.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.563	4.563	0.0	71	382826	9.75	
39 2,2-Dichloropropane	77	4.563	4.563	0.0	73	488412	9.89	
41 2-Butanone (MEK)	43	4.587	4.587	0.0	98	228375	21.0	
45 Chlorobromomethane	128	4.776	4.776	0.0	87	176358	9.78	
46 Tetrahydrofuran	42	4.811	4.811	0.0	94	156564	19.1	
47 Chloroform	83	4.835	4.835	0.0	92	587194	9.89	
48 1,1,1-Trichloroethane	97	4.989	4.989	0.0	93	535488	9.93	
49 Cyclohexane	56	5.036	5.036	0.0	88	582261	10.0	
50 1,1-Dichloropropene	75	5.131	5.131	0.0	92	447325	10.0	
51 Carbon tetrachloride	117	5.131	5.131	0.0	79	467486	10.1	
52 Isobutyl alcohol	41	5.226	5.226	0.0	93	199674	242.7	
53 Benzene	78	5.308	5.308	0.0	95	1400071	9.94	
54 1,2-Dichloroethane	62	5.332	5.332	0.0	86	441748	10.0	
56 n-Heptane	100	5.510	5.510	0.0	89	79992	10.4	
58 Trichloroethene	130	5.853	5.853	0.0	95	371637	10.1	
60 Methylcyclohexane	83	6.018	6.018	0.0	87	579249	10.2	
61 1,2-Dichloropropane	63	6.054	6.054	0.0	90	318672	10.3	
63 Dibromomethane	93	6.160	6.160	0.0	89	183330	10.2	
64 1,4-Dioxane	88	6.172	6.172	0.0	82	61938	213.6	
65 Dichlorobromomethane	83	6.290	6.290	0.0	91	429449	10.1	
67 2-Chloroethyl vinyl ether	63	6.539	6.539	0.0	94	240893	19.7	
68 cis-1,3-Dichloropropene	75	6.681	6.681	0.0	89	510082	10.5	
69 4-Methyl-2-pentanone (MIBK)	43	6.811	6.811	0.0	96	468789	20.7	
70 Toluene	91	6.977	6.977	0.0	92	1418516	9.78	
71 trans-1,3-Dichloropropene	75	7.166	7.166	0.0	94	417935	10.2	
72 Ethyl methacrylate	69	7.225	7.225	0.0	88	338379	10.4	
73 1,1,2-Trichloroethane	97	7.344	7.344	0.0	86	254108	9.95	
74 Tetrachloroethene	164	7.462	7.462	0.0	99	289397	9.77	
75 1,3-Dichloropropane	76	7.497	7.497	0.0	88	458437	10.1	
76 2-Hexanone	43	7.557	7.557	0.0	95	305563	20.3	
78 Chlorodibromomethane	129	7.699	7.699	0.0	89	295234	10.1	
80 Ethylene Dibromide	107	7.817	7.817	0.0	98	251767	9.99	
82 Chlorobenzene	112	8.255	8.255	0.0	95	920801	9.95	
83 1,1,1,2-Tetrachloroethane	131	8.338	8.338	0.0	94	334691	9.88	
84 Ethylbenzene	106	8.349	8.349	0.0	98	509225	10.0	
85 m-Xylene & p-Xylene	106	8.456	8.456	0.0	100	638109	10.1	
86 o-Xylene	106	8.835	8.835	0.0	94	631050	9.99	
87 Styrene	104	8.846	8.846	0.0	90	1020747	10.2	
88 Bromoform	173	9.048	9.048	0.0	97	192632	10.3	
89 Isopropylbenzene	105	9.190	9.190	0.0	95	1654581	9.95	
92 1,1,2,2-Tetrachloroethane	83	9.485	9.485	0.0	87	336260	10.1	
93 Bromobenzene	156	9.497	9.497	0.0	91	414485	10.1	
94 1,2,3-Trichloropropane	110	9.533	9.533	0.0	83	114609	10.3	
95 trans-1,4-Dichloro-2-butene	53	9.533	9.533	0.0	66	100067	10.3	
96 N-Propylbenzene	120	9.580	9.580	0.0	96	466931	10.3	
97 2-Chlorotoluene	126	9.675	9.675	0.0	96	394600	10.0	
98 1,3,5-Trimethylbenzene	105	9.746	9.746	0.0	79	1397157	10.3	
99 4-Chlorotoluene	126	9.781	9.781	0.0	98	418806	10.2	
100 tert-Butylbenzene	119	10.077	10.077	0.0	81	1220348	10.3	
102 1,2,4-Trimethylbenzene	105	10.124	10.124	0.0	89	1454965	10.2	
103 sec-Butylbenzene	105	10.290	10.290	0.0	93	1658194	10.3	
104 1,3-Dichlorobenzene	146	10.408	10.408	0.0	96	802265	9.95	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
105 4-Isopropyltoluene	119	10.432	10.432	0.0	94	1486955	10.4	
106 1,4-Dichlorobenzene	146	10.491	10.491	0.0	91	829933	9.94	
109 n-Butylbenzene	91	10.834	10.834	0.0	94	1206342	10.2	
110 1,2-Dichlorobenzene	146	10.870	10.870	0.0	97	776168	10.0	
111 1,2-Dibromo-3-Chloropropane	157	11.651	11.651	0.0	76	71165	10.5	
113 1,2,4-Trichlorobenzene	180	12.467	12.467	0.0	90	531490	10.6	
114 Hexachlorobutadiene	225	12.621	12.621	0.0	93	202992	10.6	
115 Naphthalene	128	12.716	12.716	0.0	100	1214155	10.5	
116 1,2,3-Trichlorobenzene	180	12.964	12.964	0.0	98	484176	11.0	
S 128 1,2-Dichloroethene, Total	96				0		19.5	
S 129 1,3-Dichloropropene, Total	75				0		20.7	
S 130 Xylenes, Total	106				0		20.1	
S 131 Trihalomethanes, Total	1				0		40.4	

Report Date: 14-Mar-2014 08:02:22 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8836.D

Injection Date: 13-Mar-2014 09:48:30 Instrument ID: A3UX10 Operator ID: 1904

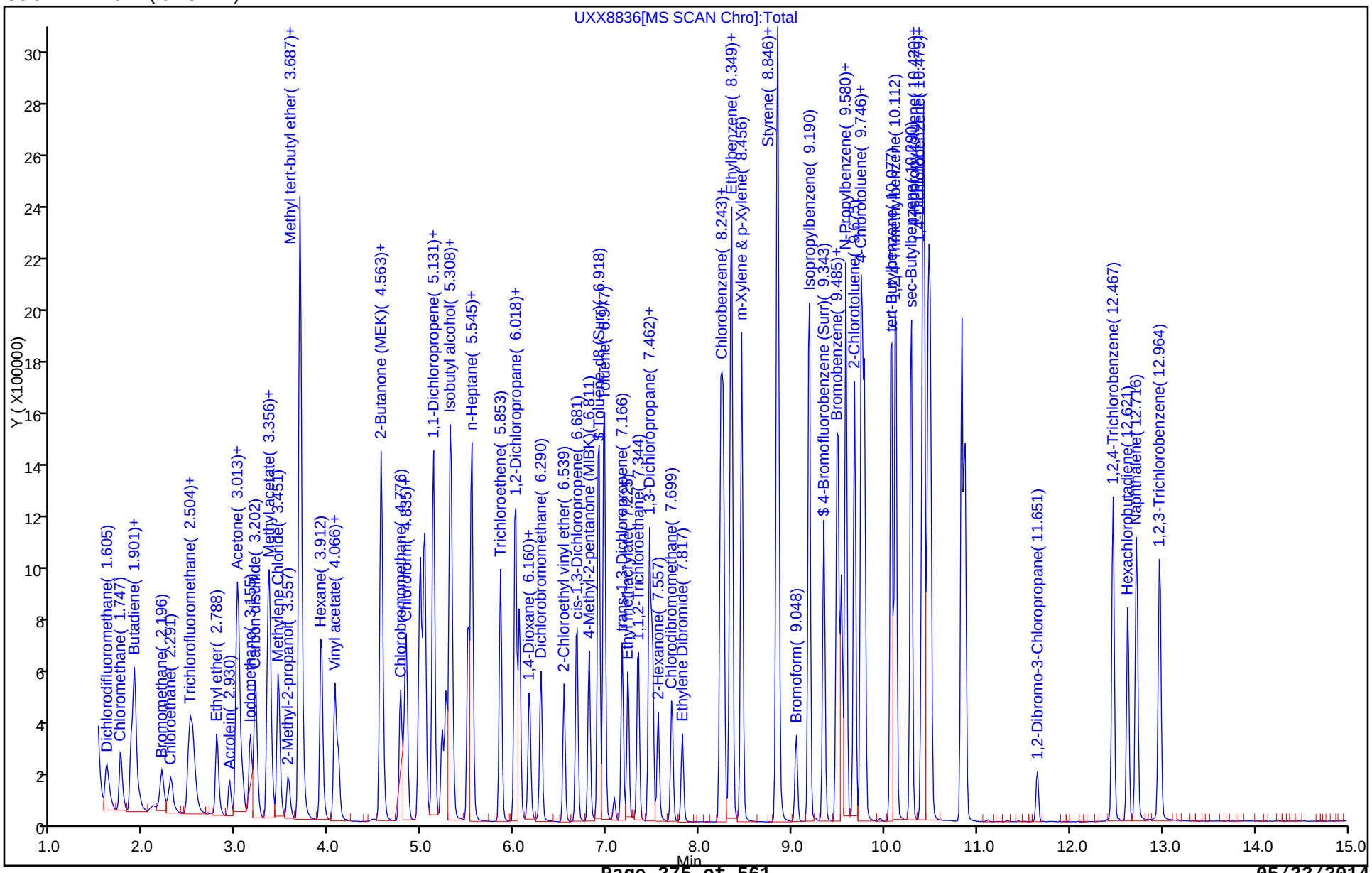
Lims ID: STD8260 L4 Lab Sample ID: Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8837.D
Lims ID: STD8260 L3 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 13-Mar-2014 10:10:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-005
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub46

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:23 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.547	5.545	0.002	99	1483028	10.0	
* 2 Chlorobenzene-d5	117	8.233	8.231	0.002	84	950978	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.470	10.467	0.003	93	565641	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.967	4.977	-0.010	64	153321	5.00	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.263	5.261	0.002	0	183434	5.04	
$ 6 Toluene-d8 (Surr)	98	6.908	6.918	-0.010	92	574063	5.07	
$ 7 4-Bromofluorobenzene (Surr)	95	9.345	9.343	0.002	92	209858	4.88	
9 Dichlorodifluoromethane	85	1.595	1.605	-0.010	97	165554	4.61	
10 Chloromethane	50	1.749	1.747	0.002	88	208301	4.83	
11 Vinyl chloride	62	1.855	1.865	-0.010	83	203828	4.83	
12 Butadiene	54	1.891	1.901	-0.010	96	192179	4.85	
13 Bromomethane	94	2.187	2.196	-0.009	89	102201	5.59	
14 Chloroethane	64	2.293	2.291	0.002	98	119076	5.09	
15 Dichlorofluoromethane	67	2.482	2.492	-0.010	92	236763	4.91	
16 Trichlorofluoromethane	101	2.530	2.528	0.002	98	202023	4.85	
17 Ethyl ether	59	2.790	2.788	0.002	87	119107	4.72	
18 Acrolein	56	2.920	2.930	-0.010	88	90393	23.6	
19 1,1-Dichloroethene	96	3.003	3.001	0.002	90	151639	4.70	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.027	3.025	0.002	89	118721	4.35	
21 Acetone	43	3.062	3.072	-0.010	94	78809	9.05	
22 Iodomethane	142	3.157	3.155	0.002	97	254370	4.79	
24 Carbon disulfide	76	3.204	3.202	0.002	99	492552	4.71	
26 3-Chloro-1-propene	76	3.334	3.344	-0.010	84	106015	4.73	
27 Methyl acetate	43	3.358	3.356	0.002	97	474390	23.3	
28 Methylene Chloride	84	3.453	3.451	0.002	87	181740	4.81	
29 2-Methyl-2-propanol	59	3.559	3.557	0.002	97	85131	36.8	
32 Methyl tert-butyl ether	73	3.689	3.687	0.002	89	481092	4.77	
31 Acrylonitrile	53	3.689	3.687	0.002	95	471987	46.6	
30 trans-1,2-Dichloroethene	96	3.689	3.699	-0.010	95	173932	4.73	
33 Hexane	86	3.914	3.912	0.002	90	38505	4.39	
34 1,1-Dichloroethane	63	4.068	4.066	0.002	97	293783	4.83	
35 Vinyl acetate	43	4.104	4.101	0.003	97	175164	4.58	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.565	4.563	0.002	70	187271	4.80	
39 2,2-Dichloropropane	77	4.565	4.563	0.002	72	233758	4.76	
41 2-Butanone (MEK)	43	4.577	4.587	-0.010	93	97598	9.02	
45 Chlorobromomethane	128	4.778	4.776	0.002	91	86457	4.82	
46 Tetrahydrofuran	42	4.813	4.811	0.002	85	76147	9.36	
47 Chloroform	83	4.837	4.835	0.002	83	287936	4.88	
48 1,1,1-Trichloroethane	97	4.991	4.989	0.002	93	255183	4.76	
49 Cyclohexane	56	5.026	5.036	-0.010	89	258229	4.48	
50 1,1-Dichloropropene	75	5.121	5.131	-0.010	93	209170	4.70	
51 Carbon tetrachloride	117	5.133	5.131	0.002	89	214234	4.64	
52 Isobutyl alcohol	41	5.228	5.226	0.002	86	79030	102.9	
53 Benzene	78	5.310	5.308	0.002	95	668530	4.78	
54 1,2-Dichloroethane	62	5.334	5.332	0.002	87	213705	4.87	
56 n-Heptane	100	5.500	5.510	-0.010	90	34180	4.46	
58 Trichloroethene	130	5.855	5.853	0.002	93	177877	4.84	
60 Methylcyclohexane	83	6.009	6.018	-0.009	88	252311	4.45	
61 1,2-Dichloropropane	63	6.056	6.054	0.002	89	151069	4.89	
63 Dibromomethane	93	6.162	6.160	0.002	83	88222	4.91	
64 1,4-Dioxane	88	6.174	6.172	0.002	60	13644	67.5	
65 Dichlorobromomethane	83	6.293	6.290	0.003	96	206167	4.86	
67 2-Chloroethyl vinyl ether	63	6.541	6.539	0.002	94	100109	8.83	
68 cis-1,3-Dichloropropene	75	6.671	6.681	-0.010	87	229872	4.76	
69 4-Methyl-2-pentanone (MIBK)	43	6.813	6.811	0.002	96	207097	9.20	
70 Toluene	91	6.967	6.977	-0.010	91	655760	4.89	
71 trans-1,3-Dichloropropene	75	7.168	7.166	0.002	88	186173	4.92	
72 Ethyl methacrylate	69	7.227	7.225	0.002	87	144929	4.83	
73 1,1,2-Trichloroethane	97	7.334	7.344	-0.010	90	119905	5.08	
74 Tetrachloroethene	164	7.464	7.462	0.002	93	133149	4.86	
75 1,3-Dichloropropane	76	7.488	7.497	-0.009	91	209472	4.97	
76 2-Hexanone	43	7.559	7.557	0.002	96	131787	9.44	
78 Chlorodibromomethane	129	7.701	7.699	0.002	86	131507	4.87	
80 Ethylene Dibromide	107	7.819	7.817	0.002	98	115620	4.96	
82 Chlorobenzene	112	8.257	8.255	0.002	93	423349	4.94	
83 1,1,1,2-Tetrachloroethane	131	8.328	8.338	-0.010	83	154600	4.93	
84 Ethylbenzene	106	8.351	8.349	0.002	98	229306	4.86	
85 m-Xylene & p-Xylene	106	8.458	8.456	0.002	100	285482	4.87	
86 o-Xylene	106	8.837	8.835	0.002	93	286063	4.89	
87 Styrene	104	8.848	8.846	0.002	91	447880	4.84	
88 Bromoform	173	9.050	9.048	0.002	95	81825	4.73	
89 Isopropylbenzene	105	9.180	9.190	-0.010	95	737629	4.79	
92 1,1,2,2-Tetrachloroethane	83	9.487	9.485	0.002	96	149382	4.89	
93 Bromobenzene	156	9.499	9.497	0.002	80	185480	4.90	
94 1,2,3-Trichloropropane	110	9.535	9.533	0.002	82	50108	4.90	
95 trans-1,4-Dichloro-2-butene	53	9.535	9.533	0.002	64	43090	4.82	
96 N-Propylbenzene	120	9.582	9.580	0.002	88	203223	4.85	
97 2-Chlorotoluene	126	9.677	9.675	0.002	96	176945	4.89	
98 1,3,5-Trimethylbenzene	105	9.748	9.746	0.002	80	598024	4.79	
99 4-Chlorotoluene	126	9.783	9.781	0.002	97	184704	4.90	
100 tert-Butylbenzene	119	10.067	10.077	-0.010	80	521271	4.77	
102 1,2,4-Trimethylbenzene	105	10.115	10.124	-0.009	96	625249	4.76	
103 sec-Butylbenzene	105	10.292	10.290	0.002	93	692115	4.65	
104 1,3-Dichlorobenzene	146	10.410	10.408	0.002	88	359457	4.84	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
105 4-Isopropyltoluene	119	10.422	10.432	-0.010	96	616042	4.67	
106 1,4-Dichlorobenzene	146	10.493	10.491	0.002	94	374064	4.86	
109 n-Butylbenzene	91	10.836	10.834	0.002	94	500878	4.61	
110 1,2-Dichlorobenzene	146	10.872	10.870	0.002	96	342080	4.78	
111 1,2-Dibromo-3-Chloropropane	157	11.653	11.651	0.002	68	29106	4.64	
113 1,2,4-Trichlorobenzene	180	12.469	12.467	0.002	91	213484	4.61	
114 Hexachlorobutadiene	225	12.623	12.621	0.002	90	80314	4.54	
115 Naphthalene	128	12.718	12.716	0.002	100	487932	4.56	
116 1,2,3-Trichlorobenzene	180	12.966	12.964	0.002	99	184560	4.53	
S 128 1,2-Dichloroethene, Total	96				0		9.53	
S 129 1,3-Dichloropropene, Total	75				0		9.68	
S 130 Xylenes, Total	106				0		9.76	
S 131 Trihalomethanes, Total	1				0		19.3	

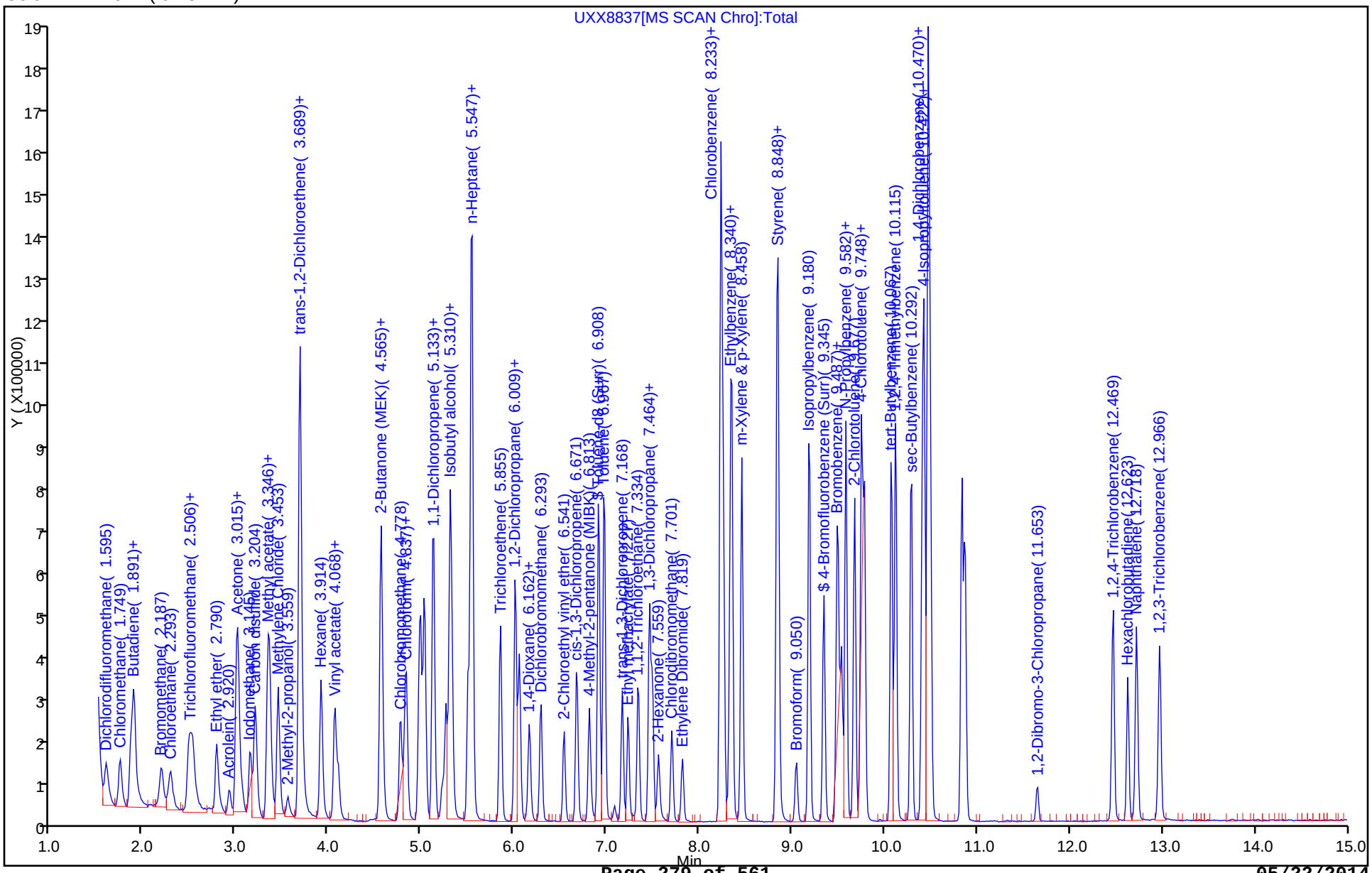
Report Date: 14-Mar-2014 08:02:23 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8837.D

Injection Date:	13-Mar-2014 10:10:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STD8260 L3	Lab Sample ID:		Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8838.D
Lims ID: STD8260 L2 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 13-Mar-2014 10:33:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-006
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub46

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:23 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.546	5.545	0.001	99	1440113	10.0	
* 2 Chlorobenzene-d5	117	8.232	8.231	0.001	84	929143	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.468	10.467	0.001	94	566500	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	53	58689	1.97	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.262	5.261	0.001	0	68750	1.94	
$ 6 Toluene-d8 (Surr)	98	6.919	6.918	0.001	80	213209	1.93	
$ 7 4-Bromofluorobenzene (Surr)	95	9.344	9.343	0.001	88	83802	1.99	
9 Dichlorodifluoromethane	85	1.594	1.605	-0.011	78	69476	1.99	
10 Chloromethane	50	1.748	1.747	0.001	88	87990	2.10	
11 Vinyl chloride	62	1.854	1.865	-0.011	82	84006	2.05	
12 Butadiene	54	1.890	1.901	-0.011	96	80678	2.10	
13 Bromomethane	94	2.185	2.196	-0.011	81	44019	2.09	
14 Chloroethane	64	2.292	2.291	0.001	96	47317	2.08	
15 Dichlorofluoromethane	67	2.481	2.492	-0.011	93	98396	2.10	
16 Trichlorofluoromethane	101	2.517	2.528	-0.011	96	82865	2.05	
17 Ethyl ether	59	2.789	2.788	0.001	84	47133	1.92	
18 Acrolein	56	2.931	2.930	0.001	84	37427	10.1	
19 1,1-Dichloroethene	96	3.002	3.001	0.001	97	64995	2.07	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.026	3.025	0.001	86	56436	2.13	
21 Acetone	43	3.073	3.072	0.001	88	30373	3.59	
22 Iodomethane	142	3.144	3.155	-0.011	96	104445	2.02	
24 Carbon disulfide	76	3.203	3.202	0.001	99	205989	2.03	
26 3-Chloro-1-propene	76	3.333	3.344	-0.011	83	43024	1.98	
27 Methyl acetate	43	3.357	3.356	0.001	96	189080	9.56	
28 Methylene Chloride	84	3.452	3.451	0.001	85	82408	2.01	
29 2-Methyl-2-propanol	59	3.558	3.557	0.001	91	32354	18.2	
32 Methyl tert-butyl ether	73	3.688	3.687	0.001	88	188083	1.92	
31 Acrylonitrile	53	3.688	3.687	0.001	89	186230	18.9	
30 trans-1,2-Dichloroethene	96	3.688	3.699	-0.011	94	73450	2.06	
33 Hexane	86	3.925	3.912	0.013	90	16588	1.95	
34 1,1-Dichloroethane	63	4.067	4.066	0.001	83	118863	2.01	
35 Vinyl acetate	43	4.102	4.101	0.001	95	67977	1.83	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.564	4.563	0.001	83	77499	2.05	
39 2,2-Dichloropropane	77	4.564	4.563	0.001	74	96379	2.02	
41 2-Butanone (MEK)	43	4.588	4.587	0.001	93	38102	3.63	
45 Chlorobromomethane	128	4.777	4.776	0.001	72	34537	1.98	
46 Tetrahydrofuran	42	4.812	4.811	0.001	69	32331	4.09	
47 Chloroform	83	4.836	4.835	0.001	83	114198	1.99	
48 1,1,1-Trichloroethane	97	4.990	4.989	0.001	93	104259	2.00	
49 Cyclohexane	56	5.037	5.036	0.001	87	117262	2.09	
50 1,1-Dichloropropene	75	5.132	5.131	0.001	91	85507	1.98	
51 Carbon tetrachloride	117	5.132	5.131	0.001	78	89673	2.00	
52 Isobutyl alcohol	41	5.227	5.226	0.001	76	27165	35.2	
53 Benzene	78	5.309	5.308	0.001	94	274370	2.02	
54 1,2-Dichloroethane	62	5.333	5.332	0.001	91	83438	1.96	
56 n-Heptane	100	5.511	5.510	0.0	89	14926	2.01	
58 Trichloroethene	130	5.854	5.853	0.001	93	70727	1.98	
60 Methylcyclohexane	83	6.007	6.018	-0.011	87	113424	2.06	
61 1,2-Dichloropropane	63	6.055	6.054	0.001	91	58689	1.96	
63 Dibromomethane	93	6.161	6.160	0.001	86	33323	1.91	
64 1,4-Dioxane	88	6.173	6.172	0.001	15	4997	42.9	
65 Dichlorobromomethane	83	6.291	6.290	0.001	92	80438	1.95	
67 2-Chloroethyl vinyl ether	63	6.540	6.539	0.001	89	34256	3.75	
68 cis-1,3-Dichloropropene	75	6.670	6.681	-0.011	82	87747	1.87	
69 4-Methyl-2-pentanone (MIBK)	43	6.812	6.811	0.001	92	81683	3.74	
70 Toluene	91	6.966	6.977	-0.011	91	261096	1.99	
71 trans-1,3-Dichloropropene	75	7.167	7.166	0.001	87	68594	1.85	
72 Ethyl methacrylate	69	7.226	7.225	0.001	83	52817	1.80	
73 1,1,2-Trichloroethane	97	7.345	7.344	0.001	89	45294	1.96	
74 Tetrachloroethene	164	7.463	7.462	0.001	91	54330	2.03	
75 1,3-Dichloropropane	76	7.498	7.497	0.001	83	79577	1.93	
76 2-Hexanone	43	7.558	7.557	0.001	90	49789	3.65	
78 Chlorodibromomethane	129	7.700	7.699	0.001	81	49471	1.87	
80 Ethylene Dibromide	107	7.818	7.817	0.001	83	44369	1.95	
82 Chlorobenzene	112	8.256	8.255	0.001	92	164829	1.97	
83 1,1,1,2-Tetrachloroethane	131	8.339	8.338	0.001	87	60844	1.99	
84 Ethylbenzene	106	8.350	8.349	0.001	98	93117	2.02	
85 m-Xylene & p-Xylene	106	8.457	8.456	0.001	99	113241	1.98	
86 o-Xylene	106	8.836	8.835	0.001	94	112290	1.97	
87 Styrene	104	8.847	8.846	0.001	91	176603	1.95	
88 Bromoform	173	9.049	9.048	0.001	88	30574	1.81	
89 Isopropylbenzene	105	9.191	9.190	0.0	94	295429	1.96	
92 1,1,2,2-Tetrachloroethane	83	9.486	9.485	0.001	94	57961	1.90	
93 Bromobenzene	156	9.498	9.497	0.001	84	77521	2.04	
94 1,2,3-Trichloropropane	110	9.534	9.533	0.001	77	19455	1.90	
95 trans-1,4-Dichloro-2-butene	53	9.534	9.533	0.001	60	15705	1.76	
96 N-Propylbenzene	120	9.581	9.580	0.001	95	83275	1.98	
97 2-Chlorotoluene	126	9.676	9.675	0.001	95	72921	2.01	
98 1,3,5-Trimethylbenzene	105	9.747	9.746	0.001	78	240190	1.92	
99 4-Chlorotoluene	126	9.782	9.781	0.001	97	76082	2.01	
100 tert-Butylbenzene	119	10.078	10.077	0.001	80	209751	1.92	
102 1,2,4-Trimethylbenzene	105	10.113	10.124	-0.011	94	256492	1.95	
103 sec-Butylbenzene	105	10.291	10.290	0.001	91	291419	1.95	
104 1,3-Dichlorobenzene	146	10.409	10.408	0.001	83	150966	2.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
105 4-Isopropyltoluene	119	10.421	10.432	-0.011	94	254670	1.93	
106 1,4-Dichlorobenzene	146	10.492	10.491	0.001	90	155743	2.02	
109 n-Butylbenzene	91	10.835	10.834	0.001	93	213156	1.96	
110 1,2-Dichlorobenzene	146	10.871	10.870	0.001	97	145475	2.03	
111 1,2-Dibromo-3-Chloropropane	157	11.652	11.651	0.001	52	11513	1.83	
113 1,2,4-Trichlorobenzene	180	12.468	12.467	0.001	91	90926	1.96	
114 Hexachlorobutadiene	225	12.622	12.621	0.001	87	36017	2.03	
115 Naphthalene	128	12.717	12.716	0.001	100	207772	1.94	
116 1,2,3-Trichlorobenzene	180	12.965	12.964	0.001	97	78518	1.92	
S 128 1,2-Dichloroethene, Total	96				0		4.10	
S 129 1,3-Dichloropropene, Total	75				0		3.73	
S 130 Xylenes, Total	106				0		3.94	
S 131 Trihalomethanes, Total	1				0		7.63	

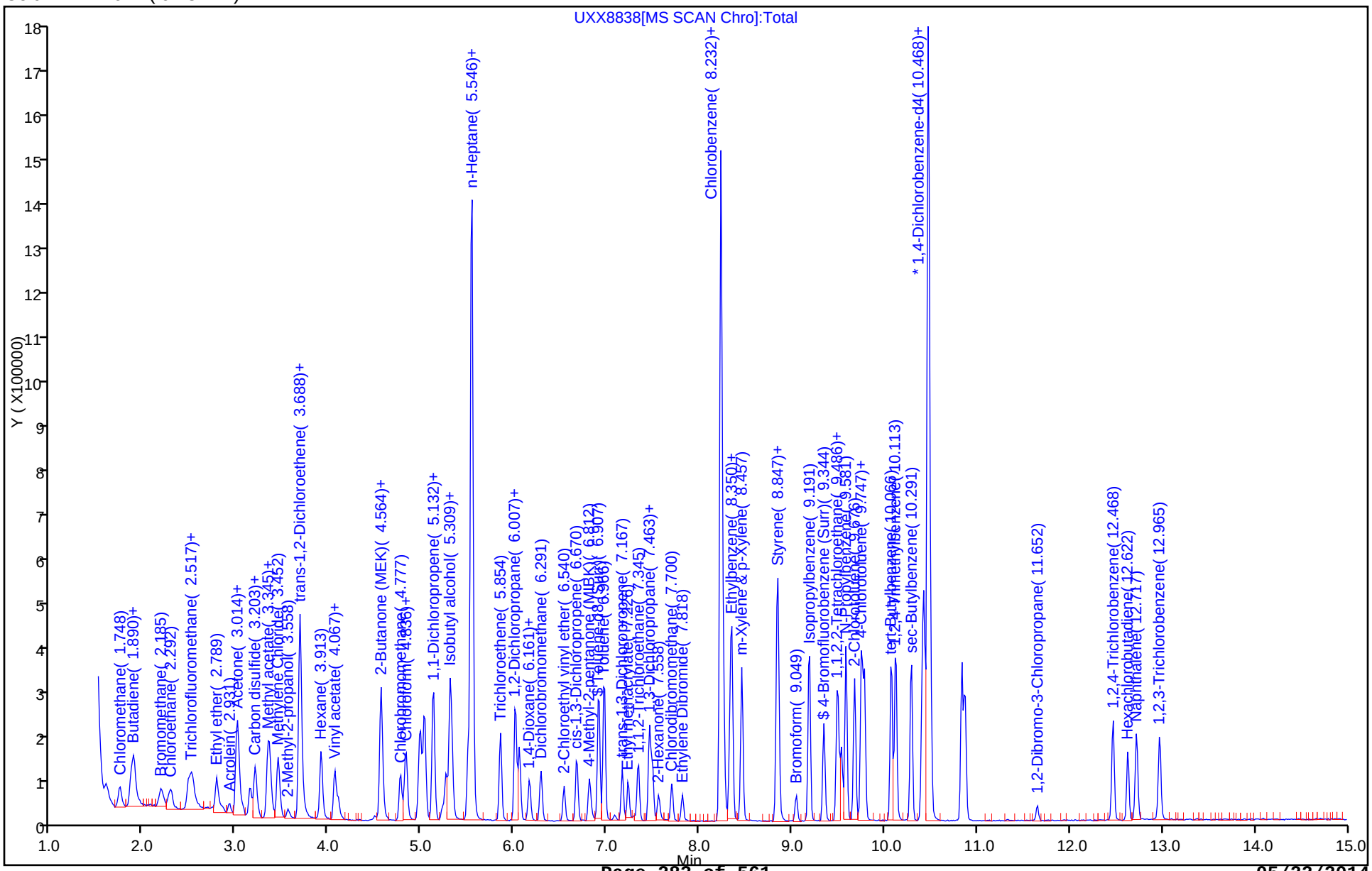
Report Date: 14-Mar-2014 08:02:24 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8838.D

Injection Date:	13-Mar-2014 10:33:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STD8260 L2	Lab Sample ID:		Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8839.D
Lims ID: STD8260 L1 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 13-Mar-2014 10:55:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-007
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub46

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:24 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: quayler Date: 13-Mar-2014 12:29:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.537	5.545	-0.008	99	1413998	10.0	
* 2 Chlorobenzene-d5	117	8.235	8.231	0.004	85	873966	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.471	10.467	0.004	93	561910	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.981	4.977	0.003	48	29864	1.02	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.264	5.261	0.003	0	34937	1.01	
$ 6 Toluene-d8 (Surr)	98	6.909	6.918	-0.009	76	106509	1.02	
$ 7 4-Bromofluorobenzene (Surr)	95	9.347	9.343	0.004	86	41267	1.04	
9 Dichlorodifluoromethane	85	1.596	1.605	-0.009	84	33244	0.9714	
10 Chloromethane	50	1.738	1.747	-0.009	81	47186	1.15	
11 Vinyl chloride	62	1.857	1.865	-0.008	88	42227	1.05	
12 Butadiene	54	1.892	1.901	-0.009	92	42209	1.12	
13 Bromomethane	94	2.188	2.196	-0.008	79	22948	0.7830	
14 Chloroethane	64	2.294	2.291	0.003	76	24577	1.10	
15 Dichlorofluoromethane	67	2.484	2.492	-0.008	89	54577	1.19	
16 Trichlorofluoromethane	101	2.519	2.528	-0.009	76	41160	1.04	
17 Ethyl ether	59	2.791	2.788	0.003	83	24976	1.04	
18 Acrolein	56	2.933	2.930	0.003	78	18703	5.12	
19 1,1-Dichloroethene	96	3.004	3.001	0.003	95	32551	1.06	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.028	3.025	0.003	75	26323	1.01	
21 Acetone	43	3.075	3.072	0.003	88	17461	2.10	
22 Iodomethane	142	3.146	3.155	-0.009	96	53471	1.06	
24 Carbon disulfide	76	3.206	3.202	0.004	97	103264	1.04	
26 3-Chloro-1-propene	76	3.336	3.344	-0.008	80	22785	1.07	
27 Methyl acetate	43	3.359	3.356	0.003	96	100034	5.15	
28 Methylene Chloride	84	3.454	3.451	0.003	86	48690	1.03	
29 2-Methyl-2-propanol	59	3.561	3.557	0.004	88	17556	12.9	
32 Methyl tert-butyl ether	73	3.691	3.687	0.004	87	99734	1.04	
31 Acrylonitrile	53	3.691	3.687	0.004	83	97022	10.0	
30 trans-1,2-Dichloroethene	96	3.691	3.699	-0.008	76	38390	1.10	
33 Hexane	86	3.916	3.912	0.004	91	8799	1.05	
34 1,1-Dichloroethane	63	4.069	4.066	0.003	74	59394	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
35 Vinyl acetate	43	4.105	4.101	0.004	94	33916	0.9292	
40 cis-1,2-Dichloroethene	96	4.566	4.563	0.003	78	40209	1.08	
39 2,2-Dichloropropane	77	4.566	4.563	0.003	67	48133	1.03	
41 2-Butanone (MEK)	43	4.590	4.587	0.003	88	20279	1.97	
45 Chlorobromomethane	128	4.779	4.776	0.003	68	18055	1.06	
46 Tetrahydrofuran	42	4.815	4.811	0.004	76	17759	2.29	
47 Chloroform	83	4.839	4.835	0.003	87	57847	1.03	
48 1,1,1-Trichloroethane	97	4.992	4.989	0.003	89	53142	1.04	
49 Cyclohexane	56	5.028	5.036	-0.008	86	54894	1.00	
50 1,1-Dichloropropene	75	5.123	5.131	-0.009	86	44580	1.05	
51 Carbon tetrachloride	117	5.134	5.131	0.003	76	42847	0.9723	
52 Isobutyl alcohol	41	5.229	5.226	0.003	55	26182	36.1	
53 Benzene	78	5.312	5.308	0.004	94	138686	1.04	
54 1,2-Dichloroethane	62	5.335	5.332	0.003	89	42484	1.01	
56 n-Heptane	100	5.501	5.510	-0.009	45	7146	0.9778	
58 Trichloroethene	130	5.856	5.853	0.003	86	35684	1.02	
60 Methylcyclohexane	83	6.010	6.018	-0.008	84	52049	0.9629	
61 1,2-Dichloropropane	63	6.057	6.054	0.003	83	28555	0.9702	
63 Dibromomethane	93	6.164	6.160	0.004	78	17053	1.00	
64 1,4-Dioxane	88	6.176	6.172	0.004	1	2135	34.6	
65 Dichlorobromomethane	83	6.294	6.290	0.004	84	38237	0.9449	
67 2-Chloroethyl vinyl ether	63	6.542	6.539	0.003	77	16547	2.35	
68 cis-1,3-Dichloropropene	75	6.673	6.681	-0.008	73	41181	0.8949	
69 4-Methyl-2-pentanone (MIBK)	43	6.815	6.811	0.004	84	39433	1.84	
70 Toluene	91	6.968	6.977	-0.009	96	127730	1.04	
71 trans-1,3-Dichloropropene	75	7.170	7.166	0.004	81	32173	0.9247	
72 Ethyl methacrylate	69	7.229	7.225	0.004	75	24156	0.8762	
73 1,1,2-Trichloroethane	97	7.335	7.344	-0.009	82	21811	1.00	
74 Tetrachloroethene	164	7.465	7.462	0.003	96	26554	1.05	
75 1,3-Dichloropropane	76	7.489	7.497	-0.008	74	38492	0.99	
76 2-Hexanone	43	7.560	7.557	0.003	84	25440	1.98	
78 Chlorodibromomethane	129	7.702	7.699	0.003	68	23464	0.9447	
80 Ethylene Dibromide	107	7.820	7.817	0.003	65	21555	1.01	
82 Chlorobenzene	112	8.258	8.255	0.003	91	82086	1.04	
83 1,1,1,2-Tetrachloroethane	131	8.329	8.338	-0.009	79	28491	0.9893	
84 Ethylbenzene	106	8.353	8.349	0.004	96	44262	1.02	
85 m-Xylene & p-Xylene	106	8.459	8.456	0.003	99	54991	1.02	
86 o-Xylene	106	8.838	8.835	0.003	93	54565	1.02	
87 Styrene	104	8.850	8.846	0.004	92	81985	0.9643	
88 Bromoform	173	9.051	9.048	0.003	77	14265	0.8967	
89 Isopropylbenzene	105	9.181	9.190	-0.009	92	141118	1.00	
92 1,1,2,2-Tetrachloroethane	83	9.477	9.485	-0.008	83	29967	0.9880	
93 Bromobenzene	156	9.501	9.497	0.004	85	36689	0.9748	
94 1,2,3-Trichloropropane	110	9.536	9.533	0.003	60	10154	1.00	
95 trans-1,4-Dichloro-2-butene	53	9.536	9.533	0.003	50	7699	0.8674	
96 N-Propylbenzene	120	9.583	9.580	0.003	92	39479	0.9487	
97 2-Chlorotoluene	126	9.678	9.675	0.003	95	35665	0.99	
98 1,3,5-Trimethylbenzene	105	9.749	9.746	0.003	78	115552	0.9307	
99 4-Chlorotoluene	126	9.785	9.781	0.004	94	36593	0.9767	
100 tert-Butylbenzene	119	10.069	10.077	-0.008	85	102906	0.9473	
102 1,2,4-Trimethylbenzene	105	10.116	10.124	-0.008	87	121723	0.9334	
103 sec-Butylbenzene	105	10.282	10.290	-0.008	87	136659	0.9236	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.412	10.408	0.004	90	75105	1.02	
105 4-Isopropyltoluene	119	10.424	10.432	-0.008	90	119169	0.9102	
106 1,4-Dichlorobenzene	146	10.495	10.491	0.004	89	77443	1.01	
109 n-Butylbenzene	91	10.838	10.834	0.004	92	100324	0.9298	
110 1,2-Dichlorobenzene	146	10.873	10.870	0.003	93	72414	1.02	
111 1,2-Dibromo-3-Chloropropane	157	11.654	11.651	0.003	27	5684	0.9121	
113 1,2,4-Trichlorobenzene	180	12.471	12.467	0.004	84	44812	0.9732	
114 Hexachlorobutadiene	225	12.624	12.621	0.003	75	17222	0.9805	
115 Naphthalene	128	12.719	12.716	0.003	100	103327	0.9730	
116 1,2,3-Trichlorobenzene	180	12.968	12.964	0.004	92	39408	0.9738	
S 128 1,2-Dichloroethene, Total	96				0		2.18	
S 129 1,3-Dichloropropene, Total	75				0		1.82	
S 130 Xylenes, Total	106				0		2.04	
S 131 Trihalomethanes, Total	1				0		3.81	

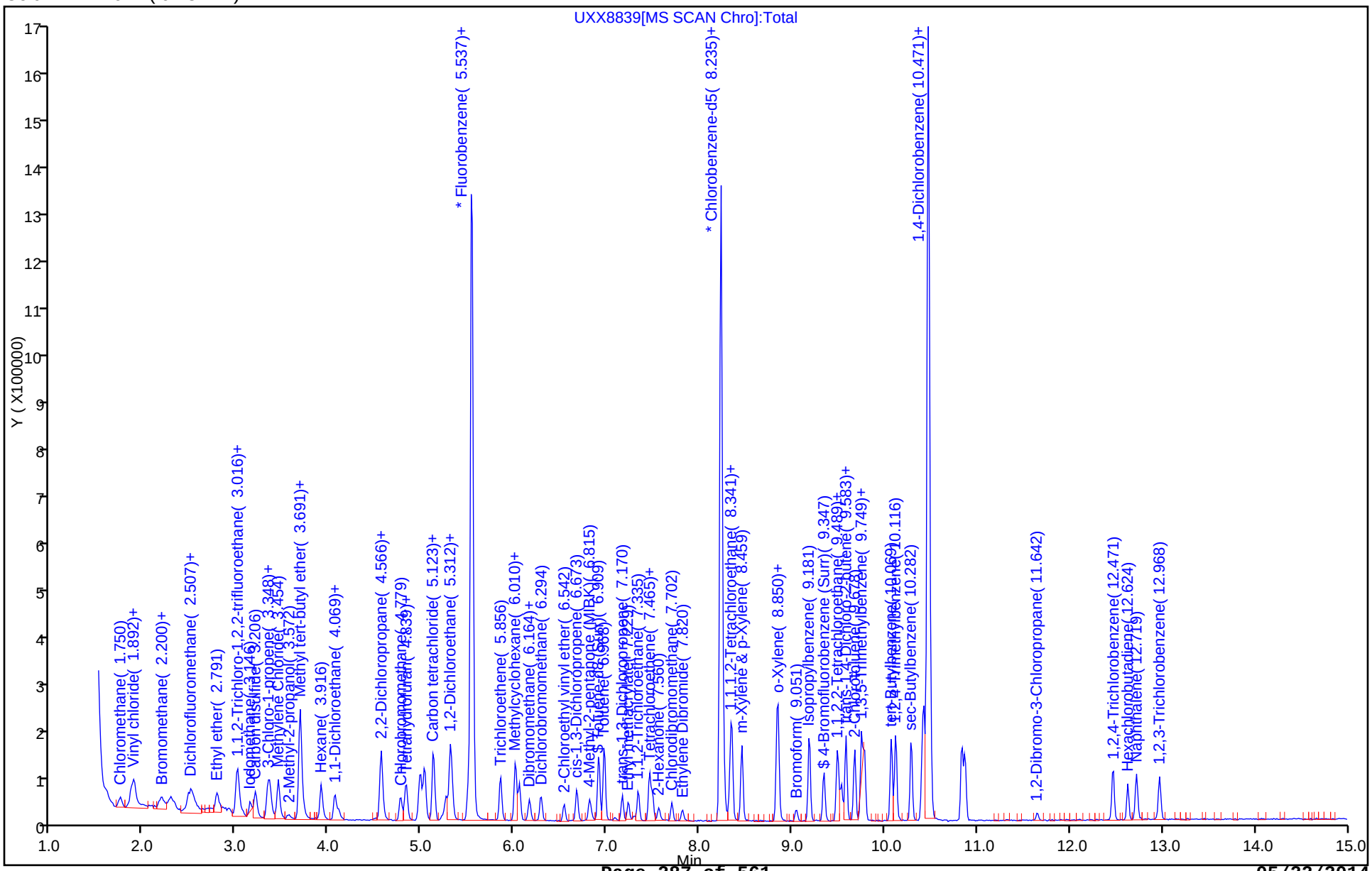
Report Date: 14-Mar-2014 08:02:24 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8839.D

Injection Date:	13-Mar-2014 10:55:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STD8260 L1	Lab Sample ID:		Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 11:18 Calibration End Date: 03/13/2014 13:09 Calibration ID: 21115

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-122370/13	UXX8845.D
Level 2	STDA9 240-122370/12	UXX8844.D
Level 3	STDA9 240-122370/11	UXX8843.D
Level 4	STDA9 240-122370/10	UXX8842.D
Level 5	STDA9 240-122370/9	UXX8841.D
Level 6	STDA9 240-122370/8	UXX8840.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								
Acetonitrile	0.0227 0.0245	0.0219	0.0223	0.0185	0.0252	Ave		0.0225				11.0		15.0			
Isopropyl ether	0.2177 0.2201	0.2183	0.2123	0.2133	0.2250	Ave		0.2178				2.1		15.0			
Chloroprene	0.3647 0.3652	0.3481	0.3469	0.3558	0.3624	Ave		0.3572				2.3		15.0			
Tert-butyl ethyl ether	0.7083 0.7249	0.6903	0.6829	0.6918	0.7248	Ave		0.7038				2.6		15.0			
Ethyl acetate	0.1150 0.1043	0.1099	0.1092	0.0938	0.1071	Ave		0.1066				6.7		15.0			
Propionitrile	0.0233 0.0248	0.0241	0.0250	0.0223	0.0257	Ave		0.0242				5.2		15.0			
Methacrylonitrile	0.1098 0.1101	0.1083	0.1113	0.1044	0.1118	Ave		0.1093				2.5		15.0			
Tert-amyl methyl ether	0.6180 0.6591	0.5989	0.6201	0.6160	0.6565	Ave		0.6281				3.9		15.0			
n-Butanol	0.0060 0.0062	0.0057	0.0059	0.0044	0.0064	Ave		0.0057				13.0		15.0			
Ethyl acrylate	0.1489 0.1706	0.1580	0.1770	0.1508	0.1720	Ave		0.1629				7.3		15.0			
Methyl methacrylate	0.1284 0.1333	0.1267	0.1341	0.1186	0.1341	Ave		0.1292				4.7		15.0			
2-Nitropropane	0.0408 0.0420	0.0381	0.0411	0.0364	0.0418	Ave		0.0400				5.6		15.0			
Cyclohexanone	0.0121 0.0120	0.0125	0.0122	0.0094	0.0124	Ave		0.0118				10.0		15.0			
Pentachloroethane	0.2014 0.2558	0.2139	0.2193	0.2148	0.2442	Ave		0.2249				9.2		15.0			
1,2,3-Trimethylbenzene	2.1275 2.4014	2.1642	2.2349	2.2068	2.3640	Ave		2.2498				4.9		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 11:18 Calibration End Date: 03/13/2014 13:09 Calibration ID: 21115

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 chloride	0.1821 0.2483	0.1831	0.1956	0.2094	0.2365	Ave		0.2092				13.0		15.0			
1,3,5-Trichlorobenzene	0.8974 0.9436	0.9033	0.8899	0.8322	0.9266	Ave		0.8988				4.3		15.0			
2-Methylnaphthalene	0.9795 0.8616	0.9780	0.9449	0.8458	0.9983	Ave		0.9347				7.0		15.0			
n-Butyl acetate	0.0923 0.1000	0.1021	0.1134	0.0953	0.1048	Ave		0.1013				7.4		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 Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 11:18 Calibration End Date: 03/13/2014 13:09 Calibration ID: 21115

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-122370/13	UXX8845.D
Level 2	STDA9 240-122370/12	UXX8844.D
Level 3	STDA9 240-122370/11	UXX8843.D
Level 4	STDA9 240-122370/10	UXX8842.D
Level 5	STDA9 240-122370/9	UXX8841.D
Level 6	STDA9 240-122370/8	UXX8840.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
Acetonitrile	FB	Ave	32329 1387068	63934	159371	260801	692382	10.0 400	20.0	50.0	100	200
Isopropyl ether	FB	Ave	31000 1246545	63705	151896	301431	617597	1.00 40.0	2.00	5.00	10.0	20.0
Chloroprene	FB	Ave	51937 2068536	101584	248189	502858	994537	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	100872 4106568	201462	488549	977599	1989112	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	32745 1181384	64159	156288	265238	587954	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	33166 1406904	70222	178724	315069	706121	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	156345 6236369	315957	796197	1475666	3067526	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	88013 3733815	174805	443572	870537	1801583	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Ave	12756 567836	25277	69047	96580	294977	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	21208 966551	46124	126597	213184	471899	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	36570 1510505	73947	191811	335141	735918	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Ave	11609 475379	22212	58767	102998	229648	2.00 80.0	4.00	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	6768 285283	14128	35582	52021	147882	10.0 400	20.0	50.0	100	200
Pentachloroethane	CBZ	Ave	34463 1886069	76158	206748	380710	900350	2.00 80.0	4.00	10.0	20.0	40.0
1,2,3-Trimethylbenzene	DCB	Ave	118610 5687300	244764	653831	1223356	2809101	1.00 40.0	2.00	5.00	10.0	20.0
Benzyl chloride	DCB	Ave	10151 587966	20711	57220	116086	281068	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 122370

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 11:18 Calibration End Date: 03/13/2014 13:09 Calibration ID: 21115

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
1,3,5-Trichlorobenzene	DCB	Ave	50033 2234685	102164	260343	461314	1101069	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	109217 4081068	221224	552840	937788	2372566	2.00 80.0	4.00	10.0	20.0	40.0
n-Butyl acetate	CBZ	Ave	7895 368615	18173	53457	84440	193162	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8840.D
Lims ID: STDA9 L6 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Mar-2014 11:18:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-008
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub47

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:25 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

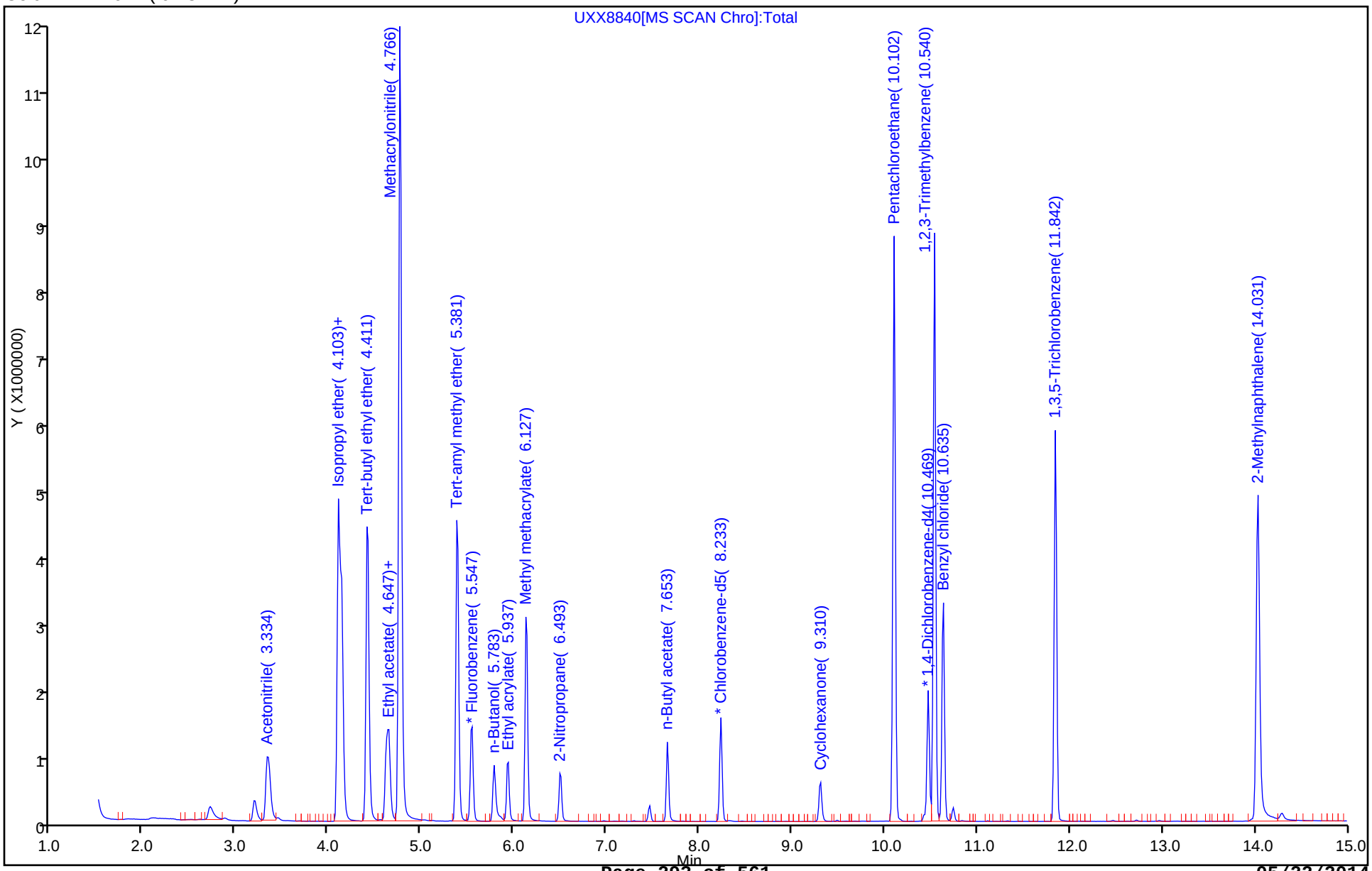
First Level Reviewer: quayler Date: 13-Mar-2014 12:04:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.547	5.545	0.002	99	1416162	10.0	
* 2 Chlorobenzene-d5	117	8.233	8.231	0.002	86	921721	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.469	10.467	0.002	89	592088	10.0	
25 Acetonitrile	41	3.334	3.336	-0.002	99	1387068	435.1	
36 Isopropyl ether	87	4.103	4.105	-0.002	93	1246545	40.4	
37 2-Chloro-1,3-butadiene	53	4.139	4.140	-0.001	91	2068536	40.9	
38 Tert-butyl ethyl ether	59	4.411	4.413	-0.002	94	4106568	41.2	
42 Ethyl acetate	43	4.612	4.626	-0.014	99	1181384	78.3	
43 Propionitrile	54	4.647	4.649	-0.002	99	1406904	410.5	
44 Methacrylonitrile	41	4.766	4.768	-0.002	92	6236369	403.0	
55 Tert-amyl methyl ether	73	5.381	5.383	-0.002	98	3733815	42.0	
57 n-Butanol	56	5.783	5.797	-0.014	88	567836	1073.8	
59 Ethyl acrylate	55	5.937	5.939	-0.002	99	966551	41.9	
62 Methyl methacrylate	41	6.127	6.128	-0.001	88	1510505	82.6	
66 2-Nitropropane	41	6.493	6.495	-0.002	99	475379	83.9	
77 n-Butyl acetate	56	7.653	7.655	-0.002	98	368615	39.5	
91 Cyclohexanone	55	9.310	9.311	-0.001	92	285283	409.1	
101 Pentachloroethane	167	10.102	10.104	-0.002	0	1886069	91.0	
107 1,2,3-Trimethylbenzene	105	10.540	10.542	-0.002	98	5687300	42.7	
108 Benzyl chloride	126	10.635	10.637	-0.002	0	587966	47.5	
112 1,3,5-Trichlorobenzene	180	11.842	11.844	-0.002	97	2234685	42.0	
117 2-Methylnaphthalene	142	14.031	14.033	-0.002	97	4081068	73.7	

Report Date: 14-Mar-2014 08:02:25 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8840.D				
Injection Date:	13-Mar-2014 11:18:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STDA9 L6	Lab Sample ID:		Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8841.D
Lims ID: STDA9 L5 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Mar-2014 11:40:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-009
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub47

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:26 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.545	0.0	99	1372180	10.0	
* 2 Chlorobenzene-d5	117	8.231	8.231	0.0	86	921869	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.468	10.467	0.001	93	594130	10.0	
25 Acetonitrile	41	3.344	3.336	0.008	99	692382	224.2	
36 Isopropyl ether	87	4.102	4.105	-0.003	93	617597	20.7	
37 2-Chloro-1,3-butadiene	53	4.137	4.140	-0.003	92	994537	20.3	
38 Tert-butyl ethyl ether	59	4.421	4.413	0.008	94	1989112	20.6	
42 Ethyl acetate	43	4.622	4.626	-0.004	99	587954	40.2	
43 Propionitrile	54	4.646	4.649	-0.003	99	706121	212.7	
44 Methacrylonitrile	41	4.764	4.768	-0.004	92	3067526	204.6	
55 Tert-amyl methyl ether	73	5.392	5.383	0.009	98	1801583	20.9	
57 n-Butanol	56	5.782	5.797	-0.015	88	294977	557.7	
59 Ethyl acrylate	55	5.936	5.939	-0.003	99	471899	21.1	
62 Methyl methacrylate	41	6.137	6.128	0.009	86	735918	41.5	
66 2-Nitropropane	41	6.504	6.495	0.009	99	229648	41.8	
77 n-Butyl acetate	56	7.652	7.655	-0.003	98	193162	20.7	
91 Cyclohexanone	55	9.308	9.311	-0.003	90	147882	211.3	
101 Pentachloroethane	167	10.101	10.104	-0.003	0	900350	43.4	
107 1,2,3-Trimethylbenzene	105	10.539	10.542	-0.003	98	2809101	21.0	
108 Benzyl chloride	126	10.633	10.637	-0.004	0	281068	22.6	
112 1,3,5-Trichlorobenzene	180	11.840	11.844	-0.004	97	1101069	20.6	
117 2-Methylnaphthalene	142	14.029	14.033	-0.004	97	2372566	42.7	

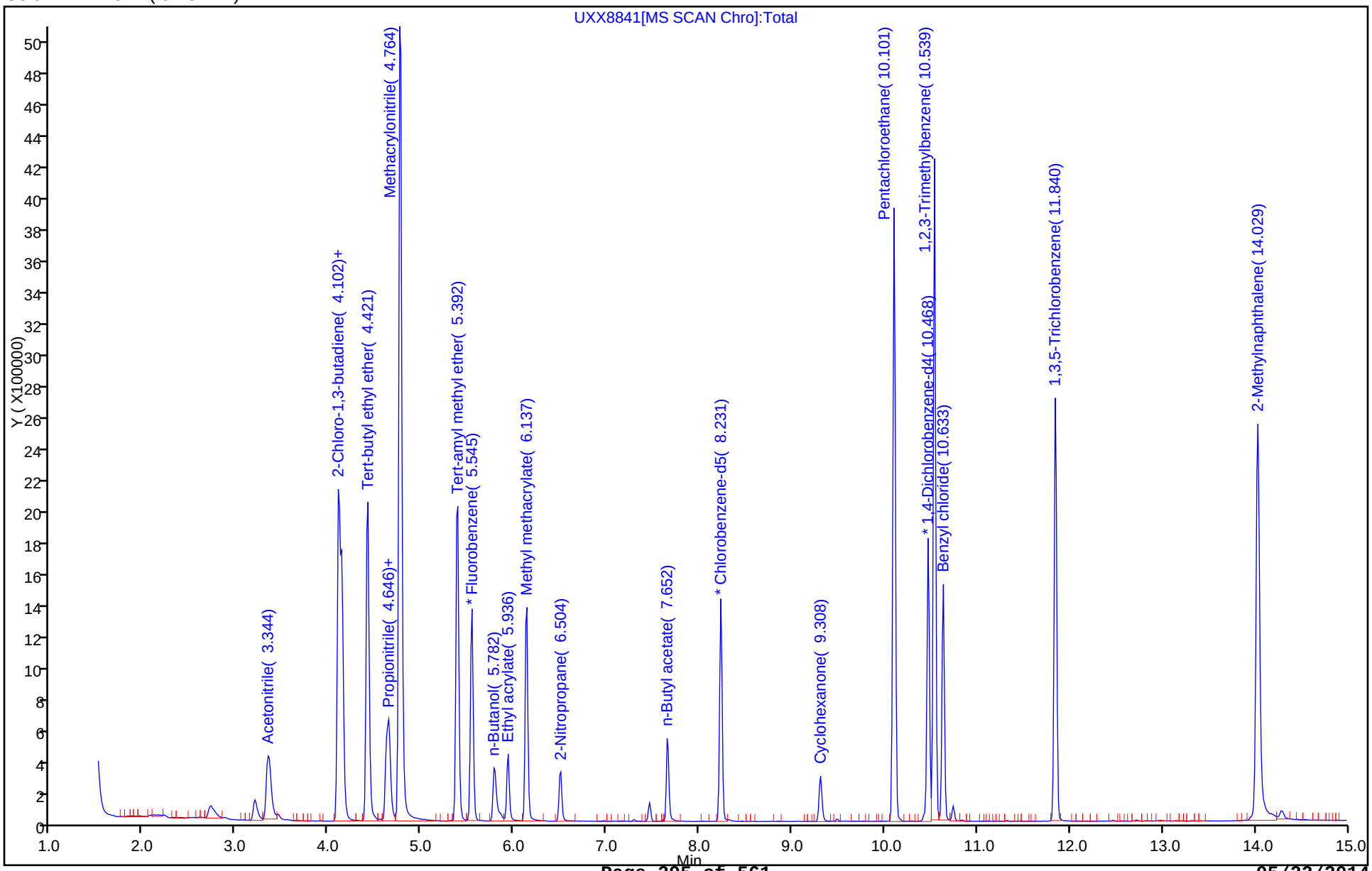
Report Date: 14-Mar-2014 08:02:26 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8841.D

Injection Date:	13-Mar-2014 11:40:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STDA9 L5	Lab Sample ID:		Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8842.D
Lims ID: STDA9 L4 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 13-Mar-2014 12:02:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-010
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub47

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:26 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

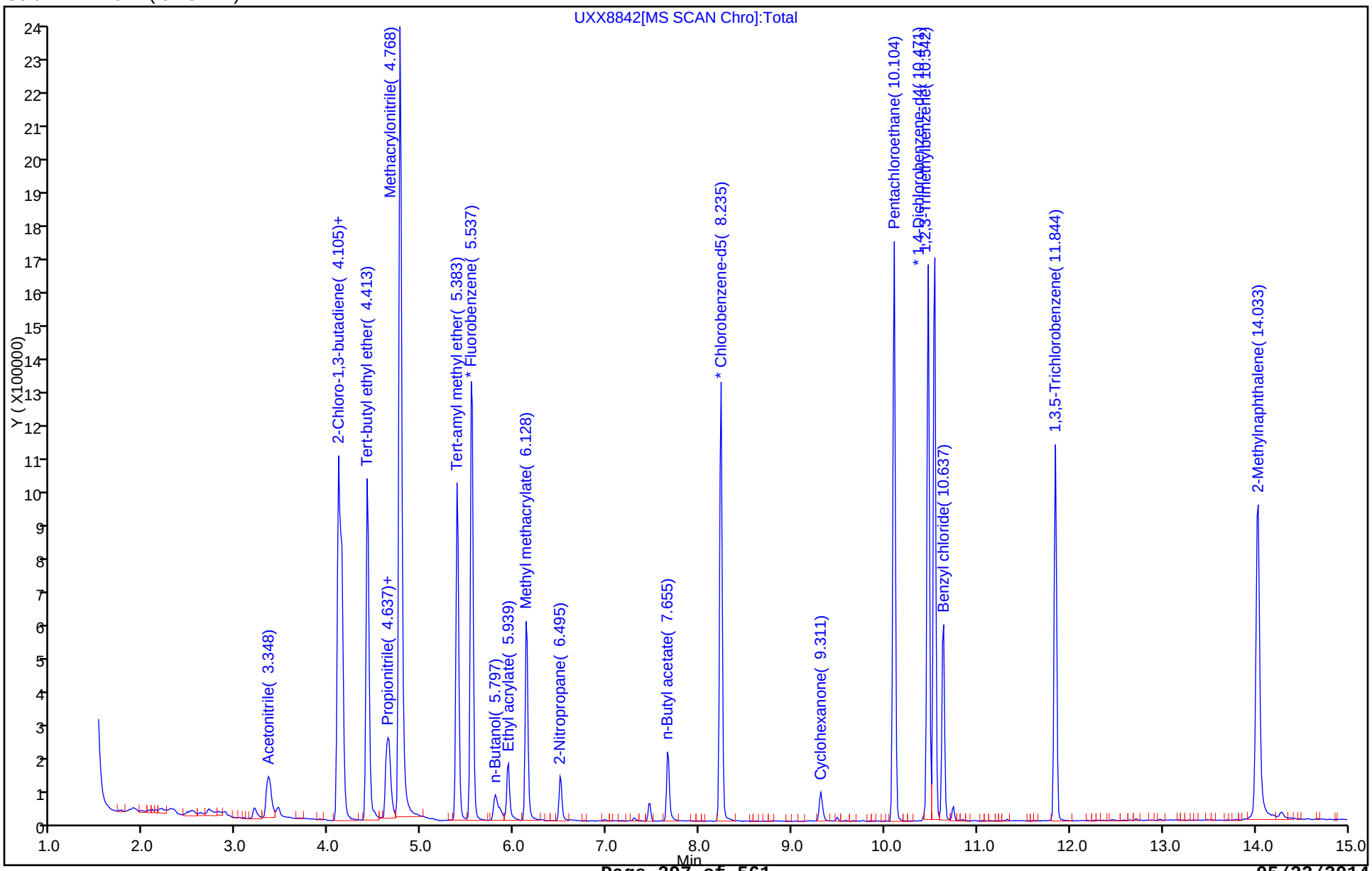
Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.537	5.537	0.0	99	1413225	10.0	
* 2 Chlorobenzene-d5	117	8.235	8.235	0.0	86	886125	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.471	10.471	0.0	94	554359	10.0	
25 Acetonitrile	41	3.336	3.336	0.0	99	260801	82.0	
36 Isopropyl ether	87	4.105	4.105	0.0	93	301431	9.79	
37 2-Chloro-1,3-butadiene	53	4.140	4.140	0.0	88	502858	9.96	
38 Tert-butyl ethyl ether	59	4.413	4.413	0.0	94	977599	9.83	
42 Ethyl acetate	43	4.626	4.626	0.0	98	265238	17.6	
43 Propionitrile	54	4.649	4.649	0.0	99	315069	92.1	
44 Methacrylonitrile	41	4.768	4.768	0.0	92	1475666	95.6	
55 Tert-amyl methyl ether	73	5.383	5.383	0.0	98	870537	9.81	
57 n-Butanol	56	5.797	5.797	0.0	85	96580	190.0	
59 Ethyl acrylate	55	5.939	5.939	0.0	97	213184	9.26	
62 Methyl methacrylate	41	6.128	6.128	0.0	88	335141	18.4	
66 2-Nitropropane	41	6.495	6.495	0.0	98	102998	18.2	
77 n-Butyl acetate	56	7.655	7.655	0.0	98	84440	9.41	
91 Cyclohexanone	55	9.311	9.311	0.0	86	52021	79.7	
101 Pentachloroethane	167	10.104	10.104	0.0	0	380710	19.1	
107 1,2,3-Trimethylbenzene	105	10.542	10.542	0.0	98	1223356	9.81	
108 Benzyl chloride	126	10.637	10.637	0.0	0	116086	10.0	
112 1,3,5-Trichlorobenzene	180	11.844	11.844	0.0	97	461314	9.26	
117 2-Methylnaphthalene	142	14.033	14.033	0.0	98	937788	18.1	

Report Date: 14-Mar-2014 08:02:27 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8842.D				
Injection Date:	13-Mar-2014 12:02:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STDA9 L4	Lab Sample ID:		Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8843.D
Lims ID: STDA9 L3 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 13-Mar-2014 12:25:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-011
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub47

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:27 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: quayler Date: 13-Mar-2014 12:48:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.548	5.537	0.011	99	1430706	10.0	
* 2 Chlorobenzene-d5	117	8.234	8.235	-0.001	84	942632	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.470	10.471	-0.001	94	585104	10.0	
25 Acetonitrile	41	3.335	3.336	-0.001	99	159371	49.5	
36 Isopropyl ether	87	4.104	4.105	-0.001	92	151896	4.87	
37 2-Chloro-1,3-butadiene	53	4.140	4.140	0.0	91	248189	4.86	
38 Tert-butyl ethyl ether	59	4.412	4.413	-0.001	94	488549	4.85	
42 Ethyl acetate	43	4.625	4.626	-0.001	97	156288	10.3	
43 Propionitrile	54	4.648	4.649	-0.001	98	178724	51.6	
44 Methacrylonitrile	41	4.767	4.768	-0.001	92	796197	50.9	
55 Tert-amyl methyl ether	73	5.382	5.383	-0.001	97	443572	4.94	
57 n-Butanol	56	5.796	5.797	-0.001	85	69047	127.7	
59 Ethyl acrylate	55	5.938	5.939	-0.001	97	126597	5.43	
62 Methyl methacrylate	41	6.128	6.128	0.0	88	191811	10.4	
66 2-Nitropropane	41	6.494	6.495	-0.001	98	58767	10.3	
77 n-Butyl acetate	56	7.654	7.655	-0.001	98	53457	5.60	
91 Cyclohexanone	55	9.311	9.311	0.0	80	35582	51.6	
101 Pentachloroethane	167	10.103	10.104	-0.001	0	206748	9.75	
107 1,2,3-Trimethylbenzene	105	10.541	10.542	-0.001	98	653831	4.97	
108 Benzyl chloride	126	10.636	10.637	-0.001	0	57220	4.68	
112 1,3,5-Trichlorobenzene	180	11.843	11.844	-0.001	96	260343	4.95	
117 2-Methylnaphthalene	142	14.032	14.033	-0.001	99	552840	10.1	

Report Date: 14-Mar-2014 08:02:28 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8843.D

Injection Date: 13-Mar-2014 12:25:30 Instrument ID: A3UX10 Operator ID: 1904

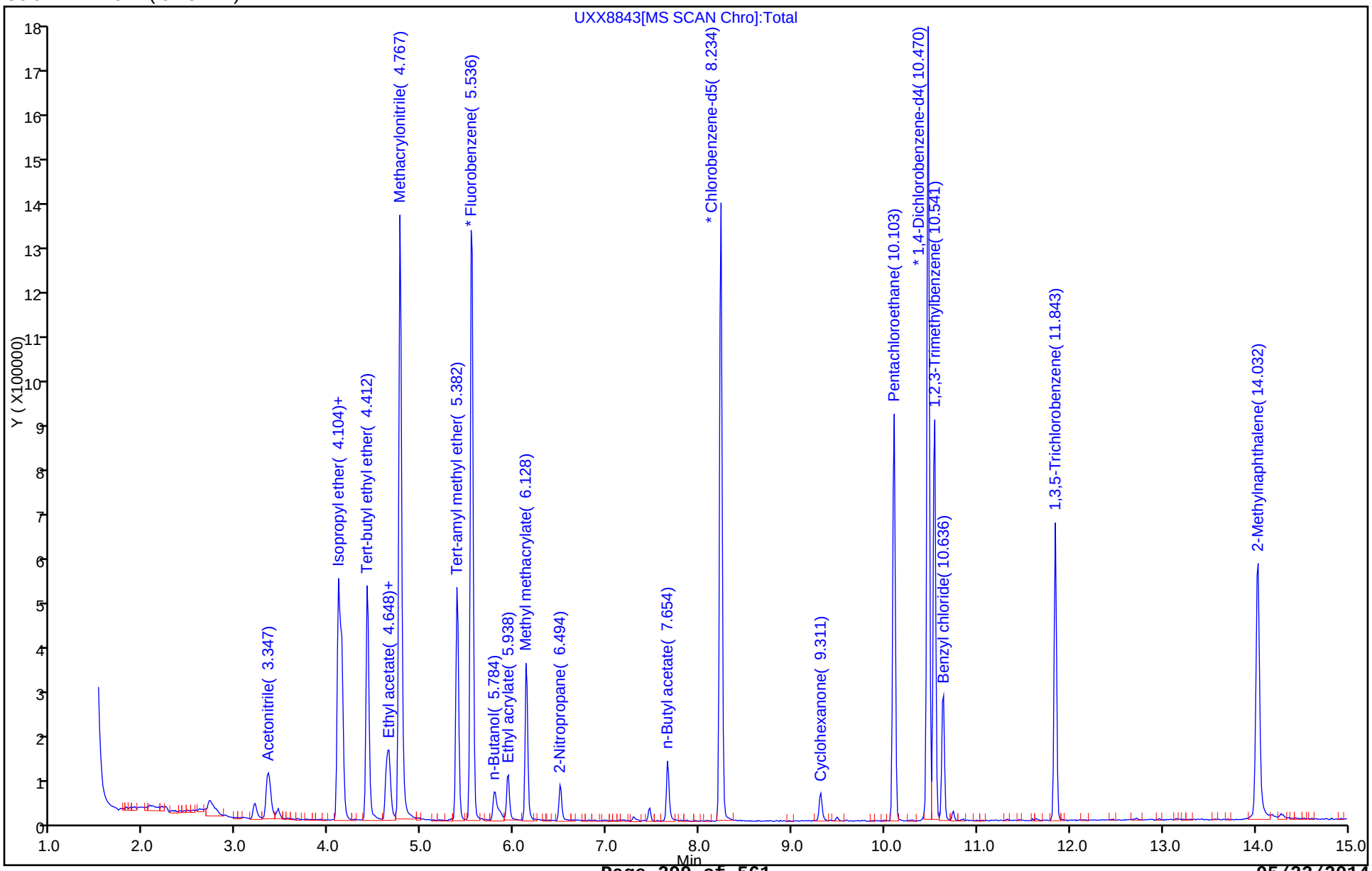
Lims ID: STDA9 L3 Lab Sample ID: Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8844.D
Lims ID: STDA9 L2 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 13-Mar-2014 12:47:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-012
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub47

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:28 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

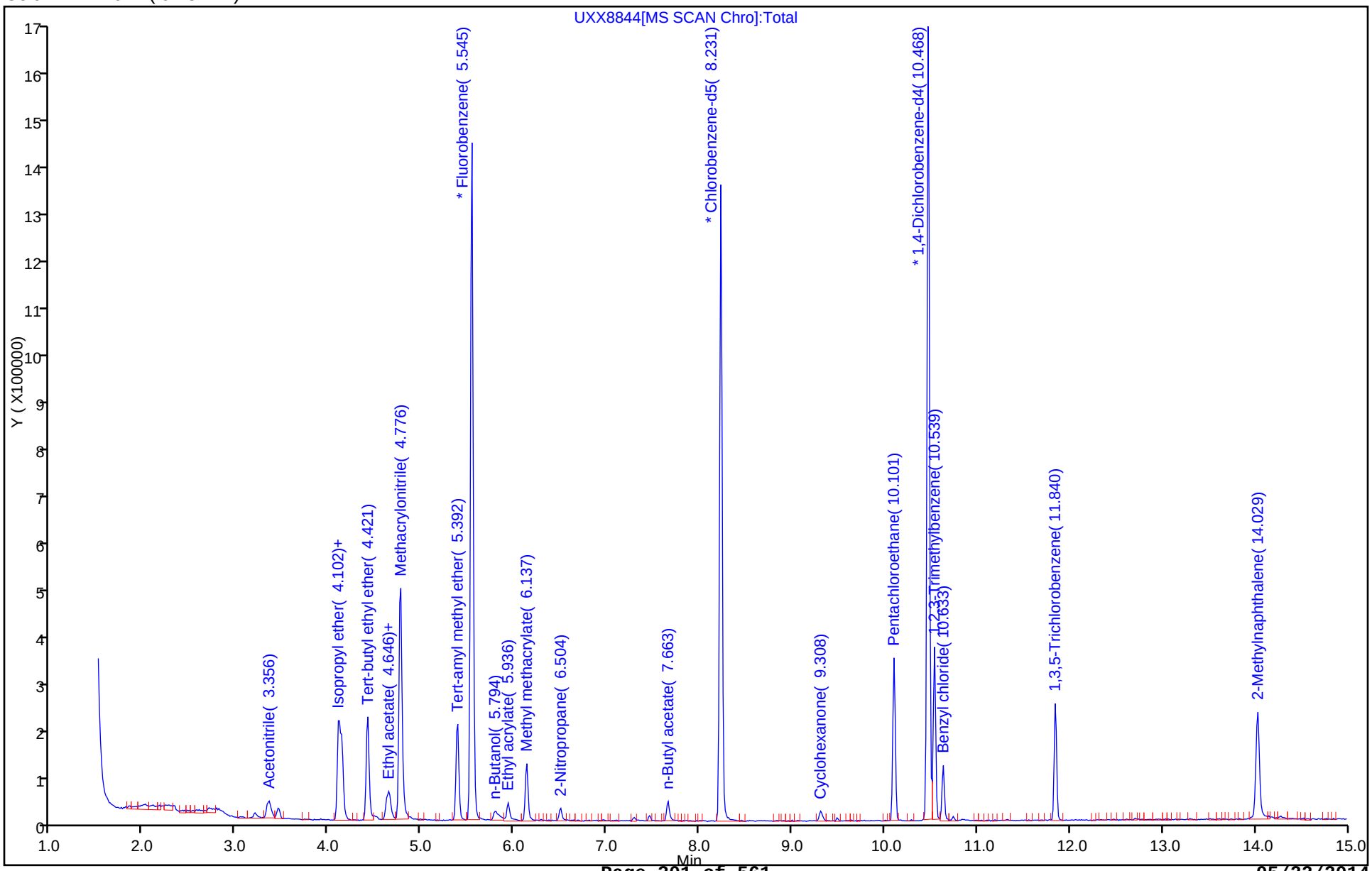
First Level Reviewer: quayler Date: 13-Mar-2014 13:21:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.537	0.008	99	1459283	10.0	
* 2 Chlorobenzene-d5	117	8.231	8.235	-0.004	84	890062	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.468	10.471	-0.003	95	565489	10.0	
25 Acetonitrile	41	3.344	3.336	0.008	98	63934	19.5	
36 Isopropyl ether	87	4.102	4.105	-0.003	92	63705	2.00	
37 2-Chloro-1,3-butadiene	53	4.137	4.140	-0.003	91	101584	1.95	
38 Tert-butyl ethyl ether	59	4.421	4.413	0.008	96	201462	1.96	
42 Ethyl acetate	43	4.622	4.626	-0.004	94	64159	4.13	
43 Propionitrile	54	4.658	4.649	0.009	96	70222	19.9	
44 Methacrylonitrile	41	4.776	4.768	0.008	92	315957	19.8	
55 Tert-amyl methyl ether	73	5.392	5.383	0.009	97	174805	1.91	
57 n-Butanol	56	5.794	5.797	-0.003	70	25277	49.5	
59 Ethyl acrylate	55	5.936	5.939	-0.003	89	46124	1.94	
62 Methyl methacrylate	41	6.137	6.128	0.009	84	73947	3.92	
66 2-Nitropropane	41	6.504	6.495	0.009	89	22212	3.80	
77 n-Butyl acetate	56	7.663	7.655	0.008	91	18173	2.02	
91 Cyclohexanone	55	9.308	9.311	-0.003	68	14128	21.2	
101 Pentachloroethane	167	10.101	10.104	-0.003	0	76158	3.80	
107 1,2,3-Trimethylbenzene	105	10.539	10.542	-0.003	97	244764	1.92	
108 Benzyl chloride	126	10.633	10.637	-0.004	0	20711	1.75	
112 1,3,5-Trichlorobenzene	180	11.840	11.844	-0.004	96	102164	2.01	
117 2-Methylnaphthalene	142	14.029	14.033	-0.004	99	221224	4.19	

Report Date: 14-Mar-2014 08:02:28 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8844.D				
Injection Date:	13-Mar-2014 12:47:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STDA9 L2	Lab Sample ID:		Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D
Lims ID: STDA9 L1 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 13-Mar-2014 13:09:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-013
Operator ID: 1904 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub47

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:29 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: quayler Date: 13-Mar-2014 13:29:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.549	5.537	0.012	99	1424054	10.0	
* 2 Chlorobenzene-d5	117	8.235	8.235	0.0	86	855522	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.471	10.471	0.0	94	557518	10.0	
25 Acetonitrile	41	3.336	3.336	0.0	98	32329	10.1	
36 Isopropyl ether	87	4.105	4.105	0.0	92	31000	1.00	
37 2-Chloro-1,3-butadiene	53	4.141	4.140	0.001	80	51937	1.02	
38 Tert-butyl ethyl ether	59	4.413	4.413	0.0	96	100872	1.01	
42 Ethyl acetate	43	4.626	4.626	0.0	87	32745	2.16	
43 Propionitrile	54	4.649	4.649	0.0	80	33166	9.62	
44 Methacrylonitrile	41	4.768	4.768	0.0	94	156345	10.0	
55 Tert-amyl methyl ether	73	5.383	5.383	0.0	96	88013	0.9840	
57 n-Butanol	56	5.809	5.797	0.012	70	12756	26.0	
59 Ethyl acrylate	55	5.939	5.939	0.0	66	21208	0.9143	
62 Methyl methacrylate	41	6.128	6.128	0.0	81	36570	1.99	
66 2-Nitropropane	41	6.495	6.495	0.0	79	11609	2.04	
77 n-Butyl acetate	56	7.667	7.655	0.012	90	7895	0.9109	
91 Cyclohexanone	55	9.312	9.311	0.001	51	6768	10.3	
101 Pentachloroethane	167	10.104	10.104	0.0	0	34463	1.79	
107 1,2,3-Trimethylbenzene	105	10.542	10.542	0.0	96	118610	0.9456	
108 Benzyl chloride	126	10.637	10.637	0.0	0	10151	0.8705	
112 1,3,5-Trichlorobenzene	180	11.844	11.844	0.0	91	50033	1.00	
117 2-Methylnaphthalene	142	14.033	14.033	0.0	97	109217	2.10	

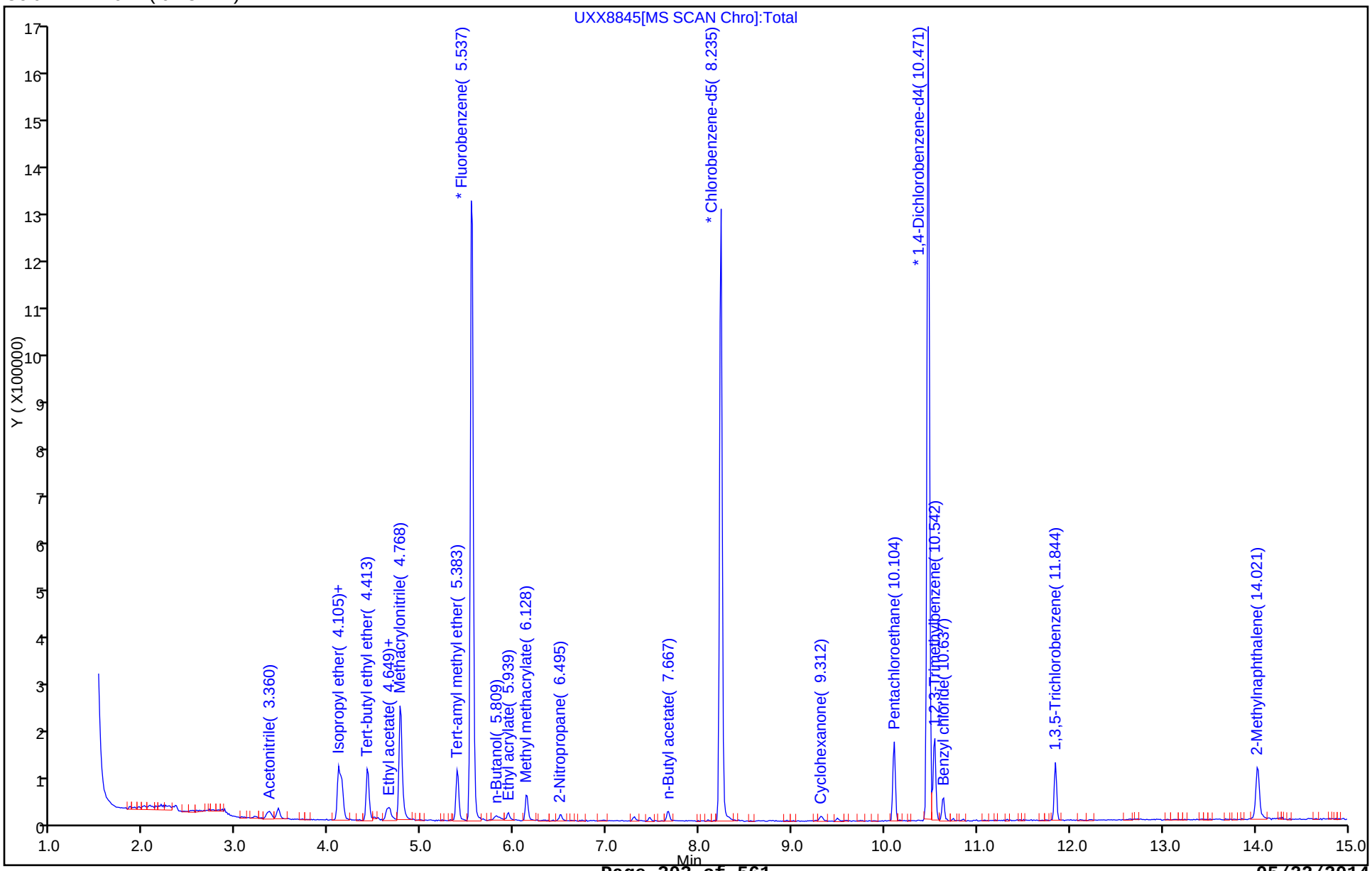
Report Date: 14-Mar-2014 08:02:29 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Injection Date:	13-Mar-2014 13:09:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	STDA9 L1	Lab Sample ID:		Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-130073/7	UXJ8178.D
Level 2	STD8260 240-130073/6	UXJ8177.D
Level 3	STD8260 240-130073/5	UXJ8176.D
Level 4	STD8260 240-130073/4	UXJ8175.D
Level 5	STD8260 240-130073/3	UXJ8174.D
Level 6	STD8260 240-130073/2	UXJ8173.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2024 0.1967	0.2112	0.1906	0.1907	0.1996	Ave		0.1985				3.9		15.0			
Chloromethane	0.2075 0.1857	0.2046	0.1862	0.1979	0.2002	Ave		0.1970			0.1000	4.7		15.0			
Vinyl chloride	0.2109 0.2045	0.2278	0.2026	0.2072	0.2117	Ave		0.2108				4.3		15.0			
Butadiene	0.1936 0.1811	0.1791	0.1772	0.1788	0.1880	Ave		0.1830				3.5		15.0			
Bromomethane	0.0902 0.0938	0.0947	0.0847	0.0905	0.0929	Ave		0.0911				4.0		15.0			
Chloroethane	0.1221 0.1169	0.1093	0.1041	0.1129	0.1162	Ave		0.1136				5.6		15.0			
Dichlorofluoromethane	0.2103 0.2472	0.2285	0.2072	0.2251	0.2463	Ave		0.2275				7.5		15.0			
Trichlorofluoromethane	0.1996 0.2089	0.1961	0.1787	0.1853	0.2062	Ave		0.1958				6.0		15.0			
Ethyl ether	0.2396 0.2496	0.2569	0.2502	0.2472	0.2620	Ave		0.2509				3.1		15.0			
Acrolein	0.0245 0.0200	0.0223	0.0205	0.0201	0.0216	Ave		0.0215				8.1		15.0			
Acetone	0.1542 0.0704	0.1217	0.0973	0.0859	0.0724	Lin1	0.1979	0.0694							0.9960		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1155 0.1174	0.1175	0.1048	0.1095	0.1165	Ave		0.1135				4.6		15.0			
1,1-Dichloroethene	0.2063 0.2053	0.2150	0.2022	0.2043	0.2102	Ave		0.2072				2.2		15.0			
Iodomethane	0.2511 0.2442	0.2538	0.2522	0.2486	0.2532	Ave		0.2505				1.4		15.0			
Carbon disulfide	0.4832 0.4817	0.5031	0.4716	0.4718	0.4812	Ave		0.4821				2.4		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 Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1978 0.2008	0.1941	0.2031	0.1967	0.2053	Ave		0.1996				2.1		15.0			
Methyl acetate	0.2085 0.1831	0.1989	0.1917	0.1866	0.1895	Ave		0.1930				4.8		15.0			
Methylene Chloride	0.2962 0.2331	0.2717	0.2408	0.2406	0.2370	Ave		0.2532				9.9		15.0			
2-Methyl-2-propanol	0.0168 0.0129	0.0171	0.0171	0.0168	0.0165	Ave		0.0162				10.0		15.0			
Acrylonitrile	0.0904 0.0908	0.0952	0.0915	0.0910	0.0937	Ave		0.0921				2.1		15.0			
Methyl tert-butyl ether	0.8089 0.8651	0.8510	0.8654	0.8547	0.8923	Ave		0.8562				3.2		15.0			
trans-1,2-Dichloroethene	0.3175 0.3273	0.3232	0.3237	0.3276	0.3344	Ave		0.3256				1.7		15.0			
Hexane	0.0665 0.0715	0.0713	0.0615	0.0665	0.0708	Ave		0.0680				5.8		15.0			
1,1-Dichloroethane	0.5828 0.5925	0.5941	0.5901	0.5823	0.5945	Ave		0.5894			0.1000	0.9		15.0			
Vinyl acetate	0.4017 0.3863	0.3606	0.3644	0.3695	0.3852	Ave		0.3779				4.2		15.0			
2-Butanone	0.1324 0.0976	0.1166	0.1046	0.1095	0.0993	Ave		0.1100				12.0		15.0			
2,2-Dichloropropane	0.2674 0.2606	0.2775	0.2598	0.2652	0.2759	Ave		0.2677				2.8		15.0			
cis-1,2-Dichloroethene	0.3555 0.3482	0.3606	0.3412	0.3432	0.3490	Ave		0.3496				2.1		15.0			
Chlorobromomethane	0.1760 0.1622	0.1661	0.1600	0.1621	0.1640	Ave		0.1651				3.5		15.0			
Tetrahydrofuran	0.0806 0.0609	0.0787	0.0687	0.0662	0.0646	Ave		0.0700				11.0		15.0			
Chloroform	0.5907 0.5667	0.5838	0.5616	0.5548	0.5696	Ave		0.5712				2.4		15.0			
1,1,1-Trichloroethane	0.3521 0.3496	0.3731	0.3522	0.3552	0.3655	Ave		0.3580				2.6		15.0			
Cyclohexane	0.3555 0.3720	0.3700	0.3495	0.3450	0.3734	Ave		0.3609				3.4		15.0			
1,1-Dichloropropene	0.4388 0.4249	0.4430	0.4164	0.4092	0.4247	Ave		0.4262				3.0		15.0			
Carbon tetrachloride	0.2924 0.3029	0.2749	0.2806	0.2818	0.3070	Ave		0.2899				4.5		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 Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

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								
Isobutanol	0.0161 0.0086	0.0127	0.0100	0.0106	0.0106	Lin1	0.1872	0.0091							0.9900		0.9900
Benzene	1.3893 1.3548	1.3482	1.3012	1.3019	1.3431	Ave		1.3397				2.5		15.0			
1,2-Dichloroethane	0.4893 0.4619	0.4865	0.4740	0.4664	0.4695	Ave		0.4746				2.3		15.0			
n-Heptane	0.0660 0.0682	0.0654	0.0577	0.0590	0.0648	Ave		0.0635				6.6		15.0			
Trichloroethene	0.3239 0.3244	0.3444	0.3227	0.3204	0.3224	Ave		0.3264				2.7		15.0			
Methylcyclohexane	0.3897 0.3865	0.3648	0.3471	0.3470	0.3823	Ave		0.3696				5.3		15.0			
1,2-Dichloropropane	0.3310 0.3208	0.3209	0.3052	0.3203	0.3198	Ave		0.3197				2.6		15.0			
Dibromomethane	0.1786 0.1648	0.1787	0.1611	0.1695	0.1707	Ave		0.1706				4.2		15.0			
1,4-Dioxane	0.0018 0.0013	0.0020	0.0020	0.0019	0.0021	Qua	-0.047	0.0029	0						0.9900		0.9900
Bromodichloromethane	0.3727 0.3851	0.3927	0.3725	0.3661	0.3788	Ave		0.3780				2.6		15.0			
2-Chloroethyl vinyl ether	0.1559 0.1640	0.1594	0.1573	0.1601	0.1656	Ave		0.1604				2.3		15.0			
cis-1,3-Dichloropropene	0.4208 0.4619	0.4110	0.4185	0.4280	0.4554	Ave		0.4326				4.8		15.0			
4-Methyl-2-pentanone (MIBK)	0.1815 0.1847	0.1889	0.1857	0.1890	0.1892	Ave		0.1865				1.7		15.0			
Toluene	2.2723 2.4507	2.2434	2.1420	2.2307	2.3921	Ave		2.2885				4.9		15.0			
trans-1,3-Dichloropropene	0.5911 0.7209	0.6200	0.6085	0.6436	0.6976	Ave		0.6470				8.0		15.0			
Ethyl methacrylate	0.4861 0.5897	0.5017	0.5180	0.5437	0.5759	Ave		0.5358				7.7		15.0			
1,1,2-Trichloroethane	0.4766 0.4313	0.4582	0.4254	0.4221	0.4426	Ave		0.4427				4.8		15.0			
1,3-Dichloropropane	0.7881 0.7864	0.7661	0.7341	0.7729	0.7782	Ave		0.7710				2.6		15.0			
Tetrachloroethene	0.3793 0.3902	0.3943	0.3507	0.3636	0.3858	Ave		0.3773				4.5		15.0			
2-Hexanone	0.2022 0.2137	0.2064	0.2099	0.2168	0.2144	Ave		0.2106				2.6		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

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								
Dibromochloromethane	0.3735 0.4312	0.3608	0.3759	0.3958	0.4194	Ave		0.3928				7.1		15.0			
Ethylene Dibromide	0.4073 0.3899	0.3740	0.3835	0.3795	0.3973	Ave		0.3886				3.2		15.0			
Chlorobenzene	1.3228 1.2915	1.2315	1.2269	1.2361	1.2962	Ave		1.2675			0.3000	3.2		15.0			
1,1,1,2-Tetrachloroethane	0.3980 0.4270	0.3868	0.3825	0.4022	0.4246	Ave		0.4035				4.6		15.0			
Ethylbenzene	0.6149 0.7057	0.6298	0.6436	0.6455	0.6916	Ave		0.6552				5.4		15.0			
m-Xylene & p-Xylene	0.7488 0.8553	0.7752	0.7560	0.7679	0.8360	Ave		0.7899				5.6		15.0			
o-Xylene	0.6424 0.7710	0.6604	0.6785	0.7071	0.7610	Ave		0.7034				7.5		15.0			
Styrene	1.0977 1.3250	1.1616	1.1212	1.2064	1.2926	Ave		1.2008				7.7		15.0			
Bromoform	0.1590 0.1828	0.1492	0.1598	0.1645	0.1798	Ave		0.1659			0.1000	7.8		15.0			
Isopropylbenzene	1.4963 1.7964	1.5075	1.5428	1.6163	1.7594	Ave		1.6198				8.0		15.0			
1,1,2,2-Tetrachloroethane	0.9806 0.8265	0.9748	0.9360	0.8836	0.8817	Ave		0.9139			0.3000	6.6		15.0			
Bromobenzene	1.1436 1.0108	1.0738	1.0775	1.0509	1.0409	Ave		1.0663				4.2		15.0			
1,2,3-Trichloropropane	0.3167 0.2883	0.3255	0.3357	0.3327	0.3110	Ave		0.3183				5.5		15.0			
trans-1,4-Dichloro-2-butene	0.2710 0.2542	0.2624	0.2584	0.2533	0.2635	Ave		0.2605				2.5		15.0			
N-Propylbenzene	0.9191 1.0649	1.0218	1.0677	1.0529	1.1067	Ave		1.0388				6.2		15.0			
2-Chlorotoluene	0.8977 0.8832	0.8912	0.9124	0.8939	0.9245	Ave		0.9005				1.7		15.0			
1,3,5-Trimethylbenzene	2.7383 3.0842	2.7776	2.8916	2.9835	3.1034	Ave		2.9298				5.2		15.0			
4-Chlorotoluene	0.9494 0.9607	0.9280	0.9972	0.9840	0.9962	Ave		0.9692				2.9		15.0			
tert-Butylbenzene	2.4043 2.4822	2.3895	2.3704	2.3642	2.4969	Ave		2.4179				2.4		15.0			
1,2,4-Trimethylbenzene	2.7028 3.1721	2.8466	2.9900	3.0469	3.2095	Ave		2.9946				6.5		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 Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

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								
sec-Butylbenzene	3.2220 3.4307	3.2436	3.2545	3.2174	3.4508	Ave		3.3032				3.3		15.0			
1,3-Dichlorobenzene	1.7501 1.7147	1.7904	1.7429	1.6965	1.7717	Ave		1.7444				2.0		15.0			
4-Isopropyltoluene	2.4560 3.0591	2.5416	2.6430	2.7267	3.0040	Ave		2.7384				9.0		15.0			
1,4-Dichlorobenzene	1.8573 1.8194	1.8823	1.8328	1.8245	1.8466	Ave		1.8438				1.3		15.0			
n-Butylbenzene	2.0450 2.5049	2.2331	2.1489	2.2108	2.4586	Ave		2.2669				7.9		15.0			
1,2-Dichlorobenzene	1.6480 1.7371	1.8416	1.7053	1.7028	1.7896	Ave		1.7374				4.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1111 0.1416	0.1442	0.1460	0.1416	0.1430	Ave		0.1379				9.6		15.0			
1,2,4-Trichlorobenzene	0.9775 0.9409	0.9679	0.9513	0.9406	0.9588	Ave		0.9562				1.5		15.0			
Hexachlorobutadiene	0.4281 0.3658	0.4568	0.3555	0.3858	0.3912	Ave		0.3972				9.7		15.0			
Naphthalene	2.2960 2.4924	2.3506	2.3215	2.3446	2.5882	Ave		2.3989				4.8		15.0			
1,2,3-Trichlorobenzene	0.8724 0.8571	0.9631	0.8815	0.8907	0.8842	Ave		0.8915				4.1		15.0			
Dibromofluoromethane (Surr)	0.2862 0.2850	0.2850	0.2893	0.2795	0.2902	Ave		0.2859				1.3		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4334 0.3963	0.3762	0.3874	0.3778	0.4084	Ave		0.3966				5.5		15.0			
Toluene-d8 (Surr)	2.0502 2.0714	1.8670	1.8725	1.9009	2.0439	Ave		1.9676				4.9		15.0			
4-Bromofluorobenzene (Surr)	0.4696 0.4811	0.4247	0.4279	0.4497	0.4848	Ave		0.4563				5.8		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-130073/7	UXJ8178.D
Level 2	STD8260 240-130073/6	UXJ8177.D
Level 3	STD8260 240-130073/5	UXJ8176.D
Level 4	STD8260 240-130073/4	UXJ8175.D
Level 5	STD8260 240-130073/3	UXJ8174.D
Level 6	STD8260 240-130073/2	UXJ8173.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	25875 1110607	55259	127555	256320	560425	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	26530 1048647	53550	124592	265980	562058	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	26970 1154879	59605	135565	278514	594199	1.00 40.0	2.00	5.00	10.0	20.0
Butadiene	FB	Ave	24750 1022413	46866	118610	240329	527627	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	11540 529895	24771	56674	121661	260871	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	15616 660076	28595	69682	151801	326102	1.00 40.0	2.00	5.00	10.0	20.0
Dichlorofluoromethane	FB	Ave	26896 1396064	59801	138676	302580	691349	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	25525 1179711	51322	119598	249102	578932	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	30643 1409576	67229	167434	332223	735383	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	15685 565396	29230	68536	135166	303751	5.00 200	10.0	25.0	50.0	100
Acetone	FB	Lin1	39428 794954	63720	130253	230891	406581	2.00 80.0	4.00	10.0	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	14768 662825	30752	70155	147134	327134	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethene	FB	Ave	26384 1159400	56270	135313	274629	589996	1.00 40.0	2.00	5.00	10.0	20.0
Iodomethane	FB	Ave	32115 1378789	66427	168741	334097	710785	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	61787 2719813	131665	315575	634128	1350777	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	25294 1133577	50791	135890	264415	576275	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	133284 5170280	260196	641359	1253982	2659505	5.00 200	10.0	25.0	50.0	100
Methylene Chloride	FB	Ave	37870 1316491	71091	161163	323401	665402	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	21507 728596	44631	114221	225890	461984	10.0 400	20.0	50.0	100	200
Acrylonitrile	FB	Ave	115537 5126949	249163	612220	1223598	2630118	10.0 400	20.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	103432 4885043	222702	579109	1148830	2504716	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	40602 1847894	84566	216605	440290	938829	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	8498 403623	18649	41143	89447	198706	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	74524 3345511	155466	394888	782682	1668894	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	49310 2093814	90588	234072	476775	1037977	0.960 38.4	1.92	4.80	9.60	19.2
2-Butanone	FB	Ave	33863 1101728	61016	140050	294326	557331	2.00 80.0	4.00	10.0	20.0	40.0
2,2-Dichloropropane	FB	Ave	34190 1471259	72622	173872	356482	774569	1.00 40.0	2.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	FB	Ave	45461 1966391	94364	228338	461312	979822	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobromomethane	FB	Ave	22509 915932	43477	107089	217891	460351	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	20623 687901	41208	91933	178059	362772	2.00 80.0	4.00	10.0	20.0	40.0
Chloroform	FB	Ave	75531 3200184	152779	375830	745732	1598971	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	45030 1973807	97640	235663	477417	1026102	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	45463 2100735	96836	233870	463785	1048145	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	56116 2399065	115931	278658	549993	1192266	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	37396 1710119	71945	187775	378794	861845	1.00 40.0	2.00	5.00	10.0	20.0
Isobutanol	CBZ	Lin1	27763 659345	45079	93903	198791	407860	25.0 1000	50.0	125	250	500
Benzene	FB	Ave	177648 7649828	352793	870731	1749906	3770382	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

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-Dichloroethane	FB	Ave	62569 2608231	127307	317183	626954	1317974	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	8438 385018	17120	38585	79349	181766	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	41416 1831929	90130	215937	430690	905169	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	49836 2182268	95461	232285	466393	1073135	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	42332 1811389	83970	204212	430525	897867	1.00 40.0	2.00	5.00	10.0	20.0
Dibromomethane	FB	Ave	22844 930618	46769	107819	227797	479217	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Qua	4583 149136	10658	27145	51879	120673	20.0 800	40.0	100	200	400
Bromodichloromethane	FB	Ave	47659 2174782	102755	249267	492100	1063409	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	39872 1852386	83402	210565	430358	929725	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	53811 2607952	107549	280032	575288	1278263	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	46412 2085930	98855	248525	508158	1062100	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	156676 7499889	319060	805196	1675021	3682434	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	40756 2206254	88184	228749	483250	1073842	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	33518 1804547	71352	194713	408296	886527	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	32864 1319920	65159	159914	316928	681378	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	54338 2406671	108953	275951	580369	1198019	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	26150 1194214	56078	131848	273039	593981	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	27885 1307876	58713	157776	325570	660077	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	25754 1319653	51320	141305	297185	645584	1.00 40.0	2.00	5.00	10.0	20.0
Ethylene Dibromide	CBZ	Ave	28083 1193107	53187	144143	284990	611667	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	91206 3952309	175140	461208	928165	1995436	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	27439 1306770	55017	143777	302013	653720	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	42396 2159564	89566	241924	484730	1064627	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	51630 2617589	110245	284187	576585	1286997	1.00 40.0	2.00	5.00	10.0	20.0
o-Xylene	CBZ	Ave	44292 2359386	93921	255061	530965	1171550	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	75690 4054907	165205	421454	905901	1989882	1.00 40.0	2.00	5.00	10.0	20.0
Bromoform	CBZ	Ave	10965 559371	21217	60072	123516	276840	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	103174 5497448	214392	579954	1213707	2708510	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	23246 1023742	47400	123213	246150	525453	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	27110 1252144	52211	141833	292755	620375	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	7507 357156	15827	44190	92681	185357	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	6424 314862	12760	34013	70566	157040	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	21788 1319122	49683	140544	293290	659579	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	21281 1094076	43333	120109	248996	551005	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	64915 3820435	135054	380630	831091	1849606	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	22506 1190074	45121	131265	274115	593708	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	56997 3074774	116183	312029	658597	1488134	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	64072 3929336	138410	393587	848757	1912829	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	76380 4249689	157714	428411	896253	2056656	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	41488 2124018	87055	229432	472596	1055940	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	58221 3789296	123581	347913	759573	1790365	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	44029 2253718	91525	241259	508242	1100580	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	48479 3102804	108581	282867	615856	1465276	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	39068 2151708	89544	224470	474343	1066602	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	2633 175429	7012	19225	39456	85249	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	23172 1165493	47062	125224	262024	571463	1.00 40.0	2.00	5.00	10.0	20.0
Hexachlorobutadiene	DCB	Ave	10149 453122	22209	46790	107476	233170	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	54428 3087323	114292	305589	653116	1542530	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	20682 1061679	46829	116035	248107	526991	1.00 40.0	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	36593 1609051	74581	193609	375745	814566	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	55422 2237675	98437	259270	507860	1146420	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	141360 6339080	265522	703880	1427400	3146532	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	32380 1472436	60395	160833	337660	746336	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8173.D
Lims ID: STD8260 L6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 09-May-2014 14:22:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-002
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub42

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:11:58 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1411657	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	84	765071	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	89	309678	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.804	4.804	0.000	97	1609051	40.0	39.9	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	92	2237675	40.0	40.0	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	83	6339080	40.0	42.1	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	88	1472436	40.0	42.2	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	99	1110607	40.0	39.6	
11 Chloromethane	50	1.810	1.810	0.000	100	1048647	40.0	37.7	
12 Vinyl chloride	62	1.916	1.916	0.000	98	1154879	40.0	38.8	
124 Butadiene	54	1.952	1.952	0.000	0	1022413	40.0	39.6	
14 Bromomethane	94	2.224	2.224	0.000	91	529895	40.0	41.2	
15 Chloroethane	64	2.319	2.319	0.000	99	660076	40.0	41.2	
16 Dichlorofluoromethane	67	2.472	2.473	-0.001	98	1396064	40.0	43.5	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	98	1179711	40.0	42.7	
18 Ethyl ether	59	2.756	2.757	-0.001	89	1409576	40.0	39.8	
19 Acrolein	56	2.863	2.863	0.000	91	565396	200.0	186.1	
20 1,1-Dichloroethene	96	2.981	2.981	0.000	98	1159400	40.0	39.6	
22 Acetone	43	2.981	2.981	0.000	47	794954	80.0	78.3	
21 1,1,2-Trichloro-1,2,2-trif	151	2.981	2.993	-0.012	66	662825	40.0	41.4	
24 Iodomethane	142	3.123	3.135	-0.012	97	1378789	40.0	39.0	
25 Carbon disulfide	76	3.182	3.183	-0.001	99	2719813	40.0	40.0	
29 Methyl acetate	43	3.265	3.265	0.000	96	5170280	200.0	189.7	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	84	1133577	40.0	40.2	
28 Methylene Chloride	84	3.360	3.360	0.000	84	1316491	40.0	36.8	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	98	728596	400.0	318.9	
31 Acrylonitrile	53	3.549	3.549	0.000	98	5126949	400.0	394.4	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	88	4885043	40.0	40.4	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	67	1847894	40.0	40.2	
34 Hexane	86	3.821	3.822	-0.001	92	403623	40.0	42.0	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	3345511	40.0	40.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.963	3.964	-0.001	97	2093814	38.4	39.2	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	54	1101728	80.0	71.0	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	71	1471259	40.0	38.9	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	1966391	40.0	39.8	
44 Chlorobromomethane	128	4.614	4.626	-0.012	97	915932	40.0	39.3	
46 Tetrahydrofuran	42	4.662	4.662	0.000	86	687901	80.0	69.6	
47 Chloroform	83	4.673	4.674	-0.001	94	3200184	40.0	39.7	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	93	1973807	40.0	39.1	
50 Cyclohexane	56	4.910	4.910	0.000	88	2100735	40.0	41.2	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	94	2399065	40.0	39.9	
52 Carbon tetrachloride	117	4.993	4.993	0.000	87	1710119	40.0	41.8	
53 Isobutyl alcohol	41	5.028	5.028	0.000	90	659345	1000.0	927.4	
54 Benzene	78	5.159	5.159	0.000	95	7649828	40.0	40.4	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	53	2608231	40.0	38.9	
57 n-Heptane	100	5.360	5.360	0.000	90	385018	40.0	42.9	
59 Trichloroethene	130	5.691	5.691	0.000	98	1831929	40.0	39.8	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	2182268	40.0	41.8	
62 1,2-Dichloropropane	63	5.880	5.880	0.000	93	1811389	40.0	40.1	
63 Dibromomethane	93	5.987	5.987	0.000	91	930618	40.0	38.6	
64 1,4-Dioxane	88	5.999	5.987	0.012	78	149136	800.0	700.9	
66 Dichlorobromomethane	83	6.105	6.105	0.000	99	2174782	40.0	40.8	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	93	1852386	80.0	81.8	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	2607952	40.0	42.7	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	97	2085930	80.0	79.2	
71 Toluene	91	6.803	6.803	0.000	92	7499889	40.0	42.8	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	2206254	40.0	44.6	
73 Ethyl methacrylate	69	7.052	7.052	0.000	89	1804547	40.0	44.0	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	93	1319920	40.0	39.0	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	2406671	40.0	40.8	
75 Tetrachloroethene	164	7.312	7.312	0.000	76	1194214	40.0	41.4	
77 2-Hexanone	43	7.371	7.371	0.000	96	1307876	80.0	81.2	
78 Chlorodibromomethane	129	7.525	7.525	0.000	87	1319653	40.0	43.9	
81 Ethylene Dibromide	107	7.643	7.644	-0.001	99	1193107	40.0	40.1	
82 Chlorobenzene	112	8.093	8.093	0.000	94	3952309	40.0	40.8	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	92	1306770	40.0	42.3	
85 Ethylbenzene	106	8.188	8.188	0.000	98	2159564	40.0	43.1	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	2617589	40.0	43.3	
88 o-Xylene	106	8.673	8.673	0.000	92	2359386	40.0	43.8	
87 Styrene	104	8.685	8.685	0.000	92	4054907	40.0	44.1	
89 Bromoform	173	8.874	8.874	0.000	97	559371	40.0	44.1	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	5497448	40.0	44.4	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	95	1023742	40.0	36.2	
94 Bromobenzene	156	9.336	9.336	0.000	94	1252144	40.0	37.9	
95 1,2,3-Trichloropropane	110	9.347	9.348	-0.001	74	357156	40.0	36.2	
97 trans-1,4-Dichloro-2-buten	53	9.359	9.359	0.000	70	314862	40.0	39.0	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	1319122	40.0	41.0	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	1094076	40.0	39.2	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	92	3820435	40.0	42.1	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	1190074	40.0	39.6	
101 tert-Butylbenzene	119	9.927	9.927	0.000	80	3074774	40.0	41.1	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	95	3929336	40.0	42.4	
106 sec-Butylbenzene	105	10.140	10.140	0.000	93	4249689	40.0	41.5	

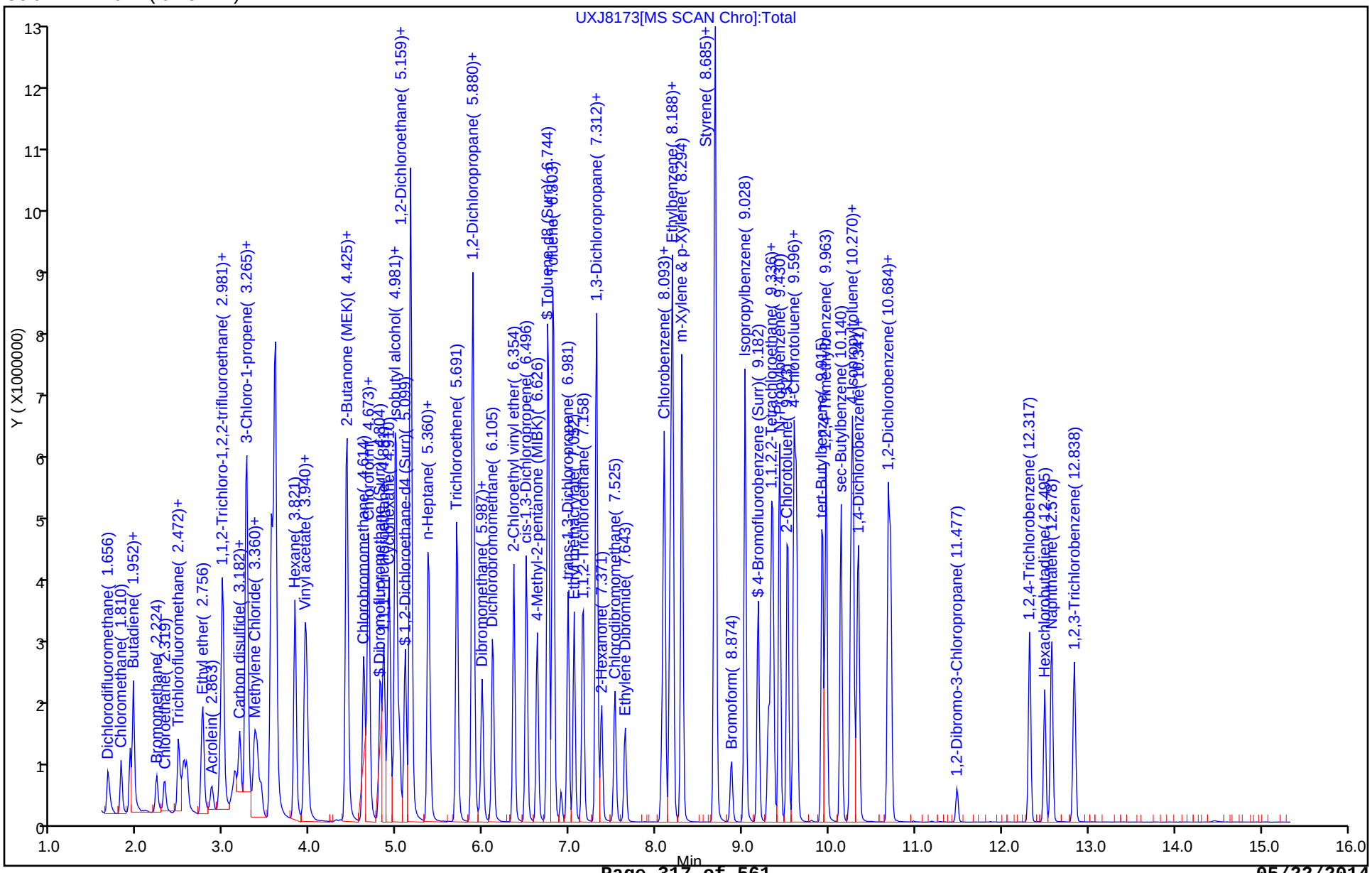
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	-0.001	92	2124018	40.0	39.3	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	3789296	40.0	44.7	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	94	2253718	40.0	39.5	
111 n-Butylbenzene	91	10.684	10.685	-0.001	95	3102804	40.0	44.2	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	2151708	40.0	40.0	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	81	175429	40.0	41.1	
115 1,2,4-Trichlorobenzene	180	12.317	12.318	-0.001	91	1165493	40.0	39.4	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	97	453122	40.0	36.8	
117 Naphthalene	128	12.578	12.578	0.000	97	3087323	40.0	41.6	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	96	1061679	40.0	38.5	
S 130 1,2-Dichloroethene, Total	96				0		80.0	80.0	
S 131 1,3-Dichloropropene, Total	75				0		80.0	87.3	
S 132 Xylenes, Total	106				0		80.0	87.2	
S 133 Trihalomethanes, Total	1				0		160.0	168.4	

Report Date: 10-May-2014 10:11:58 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8173.D				
Injection Date:	09-May-2014 14:22:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	STD8260 L6			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8174.D
Lims ID: STD8260 L5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 09-May-2014 14:46:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-003
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub42

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:11:58 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.384	5.383	0.001	98	1403591	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	83	769723	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	80	297994	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.804	4.804	0.000	97	814566	20.0	20.3	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.100	5.099	0.001	91	1146420	20.0	20.6	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	83	3146532	20.0	20.8	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	89	746336	20.0	21.2	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	99	560425	20.0	20.1	
11 Chloromethane	50	1.810	1.810	0.000	100	562058	20.0	20.3	
12 Vinyl chloride	62	1.917	1.916	0.000	98	594199	20.0	20.1	
124 Butadiene	54	1.952	1.952	0.000	0	527627	20.0	20.5	
14 Bromomethane	94	2.224	2.224	0.000	90	260871	20.0	20.4	
15 Chloroethane	64	2.319	2.319	0.000	99	326102	20.0	20.5	
16 Dichlorofluoromethane	67	2.473	2.473	0.000	97	691349	20.0	21.7	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	99	578932	20.0	21.1	
18 Ethyl ether	59	2.757	2.757	0.000	89	735383	20.0	20.9	
19 Acrolein	56	2.863	2.863	0.000	91	303751	100.0	100.6	
20 1,1-Dichloroethene	96	2.981	2.981	0.000	98	589996	20.0	20.3	
22 Acetone	43	2.981	2.981	0.000	48	406581	40.0	38.9	
21 1,1,2-Trichloro-1,2,2-trif	151	2.981	2.993	-0.012	68	327134	20.0	20.5	
24 Iodomethane	142	3.123	3.135	-0.012	96	710785	20.0	20.2	
25 Carbon disulfide	76	3.183	3.183	0.000	99	1350777	20.0	20.0	
29 Methyl acetate	43	3.265	3.265	0.000	97	2659505	100.0	98.2	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	84	576275	20.0	20.6	
28 Methylene Chloride	84	3.360	3.360	0.000	84	665402	20.0	18.7	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	97	461984	200.0	203.4	
31 Acrylonitrile	53	3.549	3.549	0.000	98	2630118	200.0	203.5	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	84	2504716	20.0	20.8	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	65	938829	20.0	20.5	
34 Hexane	86	3.822	3.822	0.000	92	198706	20.0	20.8	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	1668894	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.964	3.964	0.000	97	1037977	19.2	19.6	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	54	557331	40.0	36.1	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	68	774569	20.0	20.6	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	84	979822	20.0	20.0	
44 Chlorobromomethane	128	4.626	4.626	0.000	95	460351	20.0	19.9	
46 Tetrahydrofuran	42	4.662	4.662	0.000	84	362772	40.0	36.9	
47 Chloroform	83	4.674	4.674	0.000	94	1598971	20.0	19.9	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	1026102	20.0	20.4	
50 Cyclohexane	56	4.910	4.910	0.000	88	1048145	20.0	20.7	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	96	1192266	20.0	19.9	
52 Carbon tetrachloride	117	4.993	4.993	0.000	82	861845	20.0	21.2	
53 Isobutyl alcohol	41	5.029	5.028	0.001	87	407860	500.0	562.3	
54 Benzene	78	5.159	5.159	0.000	95	3770382	20.0	20.1	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	54	1317974	20.0	19.8	
57 n-Heptane	100	5.360	5.360	0.000	90	181766	20.0	20.4	
59 Trichloroethene	130	5.691	5.691	0.000	97	905169	20.0	19.8	
61 Methylcyclohexane	83	5.881	5.880	0.001	88	1073135	20.0	20.7	
62 1,2-Dichloropropane	63	5.881	5.880	0.001	94	897867	20.0	20.0	
63 Dibromomethane	93	5.987	5.987	0.000	92	479217	20.0	20.0	
64 1,4-Dioxane	88	5.987	5.987	0.000	89	120673	400.0	440.8	
66 Dichlorobromomethane	83	6.105	6.105	0.000	98	1063409	20.0	20.0	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	929725	40.0	41.3	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	1278263	20.0	21.1	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	96	1062100	40.0	40.6	
71 Toluene	91	6.803	6.803	0.000	92	3682434	20.0	20.9	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	1073842	20.0	21.6	
73 Ethyl methacrylate	69	7.052	7.052	0.000	89	886527	20.0	21.5	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	91	681378	20.0	20.0	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	1198019	20.0	20.2	
75 Tetrachloroethene	164	7.312	7.312	0.000	77	593981	20.0	20.5	
77 2-Hexanone	43	7.371	7.371	0.000	96	660077	40.0	40.7	
78 Chlorodibromomethane	129	7.525	7.525	0.000	89	645584	20.0	21.4	
81 Ethylene Dibromide	107	7.644	7.644	0.000	100	611667	20.0	20.5	
82 Chlorobenzene	112	8.093	8.093	0.000	94	1995436	20.0	20.5	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	92	653720	20.0	21.0	
85 Ethylbenzene	106	8.188	8.188	0.000	98	1064627	20.0	21.1	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	96	1286997	20.0	21.2	
88 o-Xylene	106	8.673	8.673	0.000	92	1171550	20.0	21.6	
87 Styrene	104	8.685	8.685	0.000	91	1989882	20.0	21.5	
89 Bromoform	173	8.874	8.874	0.000	95	276840	20.0	21.7	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	2708510	20.0	21.7	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	90	525453	20.0	19.3	
94 Bromobenzene	156	9.336	9.336	0.000	95	620375	20.0	19.5	
95 1,2,3-Trichloropropane	110	9.348	9.348	0.000	74	185357	20.0	19.5	
97 trans-1,4-Dichloro-2-buten	53	9.348	9.359	-0.011	60	157040	20.0	20.2	
96 N-Propylbenzene	120	9.430	9.430	0.000	97	659579	20.0	21.3	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	551005	20.0	20.5	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	92	1849606	20.0	21.2	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	593708	20.0	20.6	
101 tert-Butylbenzene	119	9.916	9.927	-0.011	89	1488134	20.0	20.7	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	91	1912829	20.0	21.4	
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	2056656	20.0	20.9	

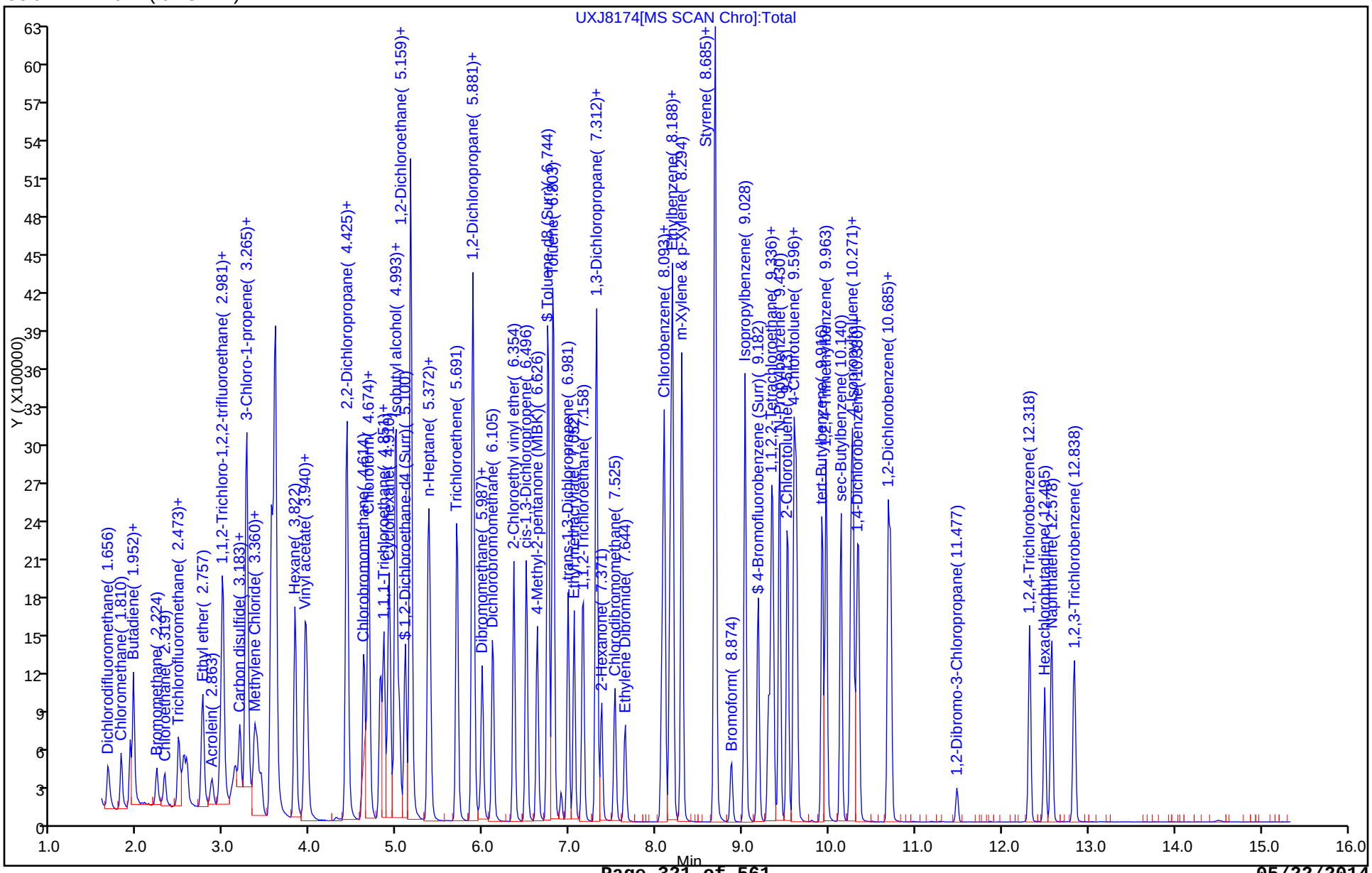
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	98	1055940	20.0	20.3	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	94	1790365	20.0	21.9	
107 1,4-Dichlorobenzene	146	10.342	10.341	0.001	93	1100580	20.0	20.0	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	1465276	20.0	21.7	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	1066602	20.0	20.6	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	71	85249	20.0	20.7	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	94	571463	20.0	20.1	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	96	233170	20.0	19.7	
117 Naphthalene	128	12.578	12.578	0.000	97	1542530	20.0	21.6	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	96	526991	20.0	19.8	
S 130 1,2-Dichloroethene, Total	96				0		40.0	40.5	
S 131 1,3-Dichloropropene, Total	75				0		40.0	42.6	
S 132 Xylenes, Total	106				0		40.0	42.8	
S 133 Trihalomethanes, Total	1				0		80.0	83.0	

Report Date: 10-May-2014 10:11:59 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8174.D				
Injection Date:	09-May-2014 14:46:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	STD8260 L5			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8175.D
Lims ID: STD8260 L4
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 09-May-2014 15:09:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-004
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub42

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:11:59 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: evansle Date: 10-May-2014 08:38:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1344134	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	87	750904	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	86	278565	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.804	4.804	0.000	96	375745	10.0	9.78	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	91	507860	10.0	9.53	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	84	1427400	10.0	9.66	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	86	337660	10.0	9.85	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	98	256320	10.0	9.61	
11 Chloromethane	50	1.810	1.810	0.000	100	265980	10.0	10.0	
12 Vinyl chloride	62	1.916	1.916	0.000	97	278514	10.0	9.83	
124 Butadiene	54	1.952	1.952	0.000	0	240329	10.0	9.77	
14 Bromomethane	94	2.224	2.224	0.000	90	121661	10.0	9.93	
15 Chloroethane	64	2.319	2.319	0.000	98	151801	10.0	9.94	
16 Dichlorofluoromethane	67	2.473	2.473	0.000	96	302580	10.0	9.90	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	97	249102	10.0	9.46	
18 Ethyl ether	59	2.757	2.757	0.000	89	332223	10.0	9.85	
19 Acrolein	56	2.863	2.863	0.000	90	135166	50.0	46.7	
20 1,1-Dichloroethene	96	2.981	2.981	0.000	98	274629	10.0	9.86	
22 Acetone	43	2.981	2.981	0.000	60	230891	20.0	21.9	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	68	147134	10.0	9.64	
24 Iodomethane	142	3.135	3.135	0.000	96	334097	10.0	9.92	
25 Carbon disulfide	76	3.183	3.183	0.000	99	634128	10.0	9.79	
29 Methyl acetate	43	3.265	3.265	0.000	97	1253982	50.0	48.3	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	75	264415	10.0	9.85	
28 Methylene Chloride	84	3.360	3.360	0.000	85	323401	10.0	9.50	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	95	225890	100.0	103.8	
31 Acrylonitrile	53	3.549	3.549	0.000	98	1223598	100.0	98.8	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	85	1148830	10.0	9.98	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	67	440290	10.0	10.1	
34 Hexane	86	3.822	3.822	0.000	92	89447	10.0	9.79	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	782682	10.0	9.88	
36 Vinyl acetate	43	3.964	3.964	0.000	98	476775	9.60	9.39	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	58	294326	20.0	19.9	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	78	356482	10.0	9.91	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	461312	10.0	9.82	
44 Chlorobromomethane	128	4.626	4.626	0.000	92	217891	10.0	9.82	
46 Tetrahydrofuran	42	4.662	4.662	0.000	85	178059	20.0	18.9	
47 Chloroform	83	4.674	4.674	0.000	95	745732	10.0	9.71	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	477417	10.0	9.92	
50 Cyclohexane	56	4.910	4.910	0.000	87	463785	10.0	9.56	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	94	549993	10.0	9.60	
52 Carbon tetrachloride	117	4.993	4.993	0.000	81	378794	10.0	9.72	
53 Isobutyl alcohol	41	5.028	5.028	0.000	86	198791	250.0	270.6	
54 Benzene	78	5.159	5.159	0.000	95	1749906	10.0	9.72	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	55	626954	10.0	9.83	
57 n-Heptane	100	5.360	5.360	0.000	87	79349	10.0	9.30	
59 Trichloroethene	130	5.691	5.691	0.000	97	430690	10.0	9.82	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	466393	10.0	9.39	
62 1,2-Dichloropropane	63	5.880	5.880	0.000	94	430525	10.0	10.0	
63 Dibromomethane	93	5.987	5.987	0.000	91	227797	10.0	9.94	
64 1,4-Dioxane	88	5.987	5.987	0.000	34	51879	200.0	169.0	
66 Dichlorobromomethane	83	6.105	6.105	0.000	96	492100	10.0	9.69	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	430358	20.0	20.0	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	575288	10.0	9.89	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	96	508158	20.0	20.3	
71 Toluene	91	6.803	6.803	0.000	92	1675021	10.0	9.75	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	483250	10.0	9.95	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	408296	10.0	10.1	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	92	316928	10.0	9.53	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	580369	10.0	10.0	
75 Tetrachloroethene	164	7.312	7.312	0.000	75	273039	10.0	9.64	
77 2-Hexanone	43	7.371	7.371	0.000	95	325570	20.0	20.6	
78 Chlorodibromomethane	129	7.525	7.525	0.000	90	297185	10.0	10.1	
81 Ethylene Dibromide	107	7.644	7.644	0.000	97	284990	10.0	9.77	
82 Chlorobenzene	112	8.093	8.093	0.000	94	928165	10.0	9.75	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	92	302013	10.0	9.97	
85 Ethylbenzene	106	8.188	8.188	0.000	98	484730	10.0	9.85	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	576585	10.0	9.72	
88 o-Xylene	106	8.673	8.673	0.000	92	530965	10.0	10.1	
87 Styrene	104	8.685	8.685	0.000	91	905901	10.0	10.0	
89 Bromoform	173	8.874	8.874	0.000	94	123516	10.0	9.92	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	1213707	10.0	9.98	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	97	246150	10.0	9.67	
94 Bromobenzene	156	9.336	9.336	0.000	94	292755	10.0	9.86	
95 1,2,3-Trichloropropane	110	9.348	9.348	0.000	74	92681	10.0	10.5	
97 trans-1,4-Dichloro-2-buten	53	9.359	9.359	0.000	61	70566	10.0	9.73	
96 N-Propylbenzene	120	9.430	9.430	0.000	97	293290	10.0	10.1	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	248996	10.0	9.93	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	92	831091	10.0	10.2	
100 4-Chlorotoluene	126	9.620	9.620	0.000	98	274115	10.0	10.2	
101 tert-Butylbenzene	119	9.927	9.927	0.000	81	658597	10.0	9.78	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	90	848757	10.0	10.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	896253	10.0	9.74	
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	87	472596	10.0	9.73	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	759573	10.0	9.96	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	92	508242	10.0	9.90	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	615856	10.0	9.75	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	474343	10.0	9.80	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	64	39456	10.0	10.3	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	92	262024	10.0	9.84	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	92	107476	10.0	9.71	
117 Naphthalene	128	12.578	12.578	0.000	97	653116	10.0	9.77	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	94	248107	10.0	10.0	
S 130 1,2-Dichloroethene, Total	96				0		20.0	19.9	
S 131 1,3-Dichloropropene, Total	75				0		20.0	19.8	
S 132 Xylenes, Total	106				0		20.0	19.8	
S 133 Trihalomethanes, Total	1				0		40.0	39.4	

Report Date: 10-May-2014 10:12:00 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8175.D

Injection Date: 09-May-2014 15:09:30 Instrument ID: A3UX11 Operator ID: 43582

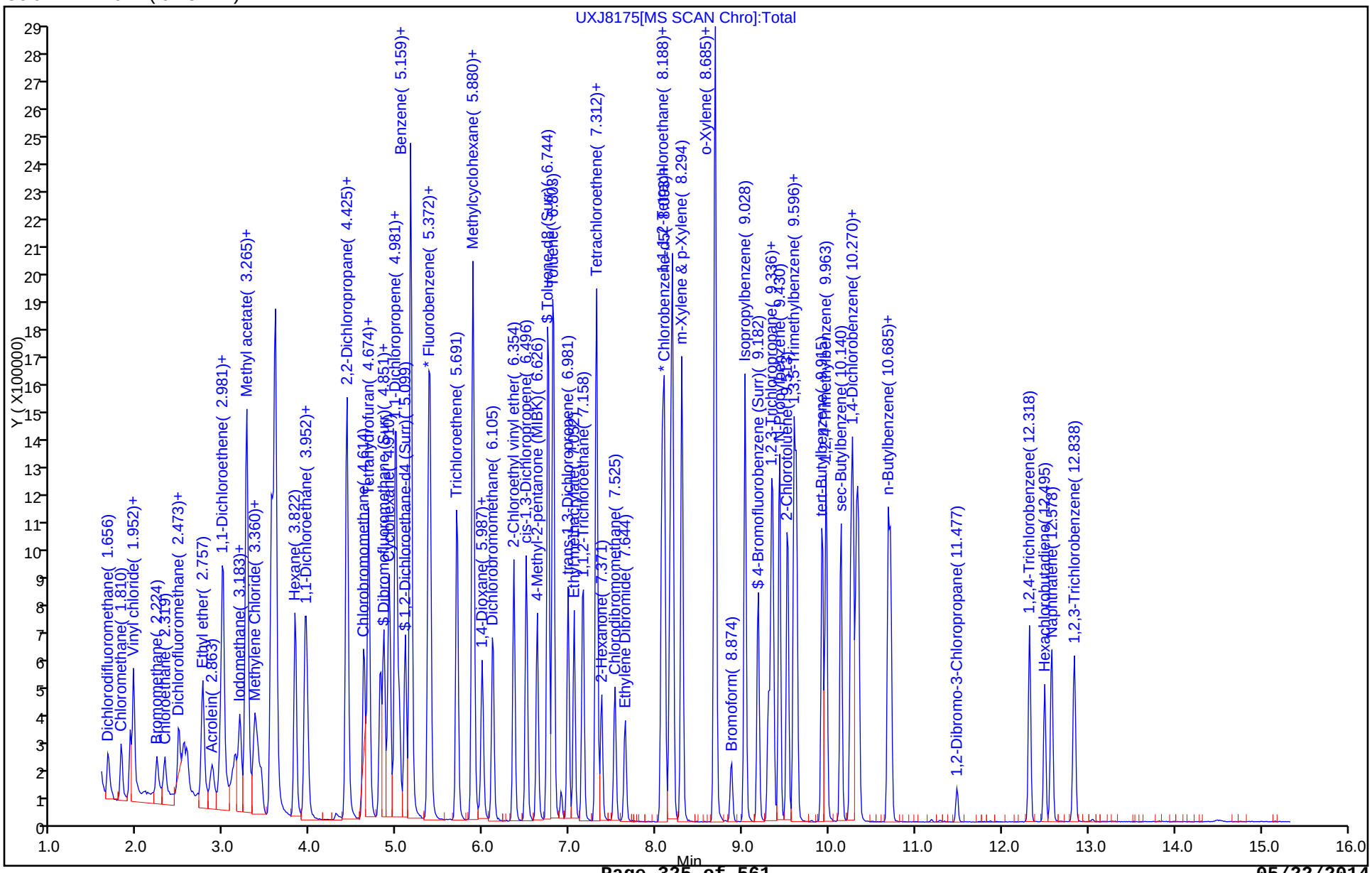
Lims ID: STD8260 L4 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8176.D
Lims ID: STD8260 L3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 09-May-2014 15:33:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-005
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub42

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:01 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1338341	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	751815	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	263269	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.804	0.011	95	193609	5.00	5.06	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	89	259270	5.00	4.88	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	84	703880	5.00	4.76	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	87	160833	5.00	4.69	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	96	127555	5.00	4.80	
11 Chloromethane	50	1.810	1.810	0.000	96	124592	5.00	4.73	
12 Vinyl chloride	62	1.916	1.916	0.000	97	135565	5.00	4.81	
124 Butadiene	54	1.952	1.952	0.000	0	118610	5.00	4.84	
14 Bromomethane	94	2.224	2.224	0.000	87	56674	5.00	4.65	
15 Chloroethane	64	2.319	2.319	0.000	96	69682	5.00	4.58	
16 Dichlorofluoromethane	67	2.473	2.473	0.000	95	138676	5.00	4.56	
17 Trichlorofluoromethane	101	2.544	2.532	0.012	94	119598	5.00	4.56	
18 Ethyl ether	59	2.757	2.757	0.000	89	167434	5.00	4.99	
19 Acrolein	56	2.863	2.863	0.000	92	68536	25.0	23.8	
20 1,1-Dichloroethene	96	2.993	2.981	0.012	98	135313	5.00	4.88	
22 Acetone	43	2.981	2.981	0.000	59	130253	10.0	11.2	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	65	70155	5.00	4.62	
24 Iodomethane	142	3.123	3.135	-0.012	96	168741	5.00	5.03	
25 Carbon disulfide	76	3.183	3.183	0.000	99	315575	5.00	4.89	
29 Methyl acetate	43	3.265	3.265	0.000	96	641359	25.0	24.8	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	78	135890	5.00	5.09	
28 Methylene Chloride	84	3.372	3.360	0.012	81	161163	5.00	4.76	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	98	114221	50.0	52.7	
31 Acrylonitrile	53	3.549	3.549	0.000	98	612220	50.0	49.7	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	86	579109	5.00	5.05	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	66	216605	5.00	4.97	
34 Hexane	86	3.822	3.822	0.000	92	41143	5.00	4.52	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	394888	5.00	5.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.964	3.964	0.000	98	234072	4.80	4.63	
45 2-Butanone (MEK)	43	4.425	4.413	0.012	56	140050	10.0	9.51	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	66	173872	5.00	4.85	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	84	228338	5.00	4.88	
44 Chlorobromomethane	128	4.626	4.626	0.000	91	107089	5.00	4.85	
46 Tetrahydrofuran	42	4.673	4.662	0.011	86	91933	10.0	9.82	
47 Chloroform	83	4.673	4.674	-0.001	94	375830	5.00	4.92	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	94	235663	5.00	4.92	
50 Cyclohexane	56	4.910	4.910	0.000	89	233870	5.00	4.84	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	93	278658	5.00	4.89	
52 Carbon tetrachloride	117	4.993	4.993	0.000	84	187775	5.00	4.84	
53 Isobutyl alcohol	41	5.028	5.028	0.000	88	93903	125.0	116.8	
54 Benzene	78	5.159	5.159	0.000	95	870731	5.00	4.86	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	56	317183	5.00	4.99	
57 n-Heptane	100	5.360	5.360	0.000	87	38585	5.00	4.54	
59 Trichloroethene	130	5.691	5.691	0.000	98	215937	5.00	4.94	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	232285	5.00	4.70	
62 1,2-Dichloropropane	63	5.892	5.880	0.012	89	204212	5.00	4.77	
63 Dibromomethane	93	5.987	5.987	0.000	92	107819	5.00	4.72	
64 1,4-Dioxane	88	5.999	5.987	0.012	27	27145	100.0	92.4	
66 Dichlorobromomethane	83	6.105	6.105	0.000	98	249267	5.00	4.93	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	210565	10.0	9.81	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	280032	5.00	4.84	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	95	248525	10.0	9.96	
71 Toluene	91	6.803	6.803	0.000	92	805196	5.00	4.68	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	96	228749	5.00	4.70	
73 Ethyl methacrylate	69	7.052	7.052	0.000	87	194713	5.00	4.83	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	93	159914	5.00	4.80	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	275951	5.00	4.76	
75 Tetrachloroethene	164	7.312	7.312	0.000	74	131848	5.00	4.65	
77 2-Hexanone	43	7.371	7.371	0.000	97	157776	10.0	9.97	
78 Chlorodibromomethane	129	7.525	7.525	0.000	85	141305	5.00	4.79	
81 Ethylene Dibromide	107	7.644	7.644	0.000	98	144143	5.00	4.93	
82 Chlorobenzene	112	8.093	8.093	0.000	90	461208	5.00	4.84	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	90	143777	5.00	4.74	
85 Ethylbenzene	106	8.188	8.188	0.000	98	241924	5.00	4.91	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	284187	5.00	4.79	
88 o-Xylene	106	8.685	8.673	0.012	88	255061	5.00	4.82	
87 Styrene	104	8.685	8.685	0.000	90	421454	5.00	4.67	
89 Bromoform	173	8.874	8.874	0.000	92	60072	5.00	4.82	
90 Isopropylbenzene	105	9.028	9.028	0.000	96	579954	5.00	4.76	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	96	123213	5.00	5.12	
94 Bromobenzene	156	9.336	9.336	0.000	93	141833	5.00	5.05	
95 1,2,3-Trichloropropane	110	9.347	9.348	-0.001	75	44190	5.00	5.27	
97 trans-1,4-Dichloro-2-buten	53	9.347	9.359	-0.012	62	34013	5.00	4.96	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	140544	5.00	5.14	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	120109	5.00	5.07	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	91	380630	5.00	4.93	
100 4-Chlorotoluene	126	9.620	9.620	0.000	98	131265	5.00	5.14	
101 tert-Butylbenzene	119	9.915	9.927	-0.012	90	312029	5.00	4.90	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	73	393587	5.00	4.99	
106 sec-Butylbenzene	105	10.140	10.140	0.000	93	428411	5.00	4.93	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	94	229432	5.00	5.00	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	90	347913	5.00	4.83	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	90	241259	5.00	4.97	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	282867	5.00	4.74	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	224470	5.00	4.91	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	60	19225	5.00	5.29	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	90	125224	5.00	4.97	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	89	46790	5.00	4.47	
117 Naphthalene	128	12.578	12.578	0.000	96	305589	5.00	4.84	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	94	116035	5.00	4.94	
S 130 1,2-Dichloroethene, Total	96				0		10.0	9.85	
S 131 1,3-Dichloropropene, Total	75				0		10.0	9.54	
S 132 Xylenes, Total	106				0		10.0	9.61	
S 133 Trihalomethanes, Total	1				0		20.0	19.4	

Report Date: 10-May-2014 10:12:01 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8176.D

Injection Date: 09-May-2014 15:33:30 Instrument ID: A3UX11 Operator ID: 43582

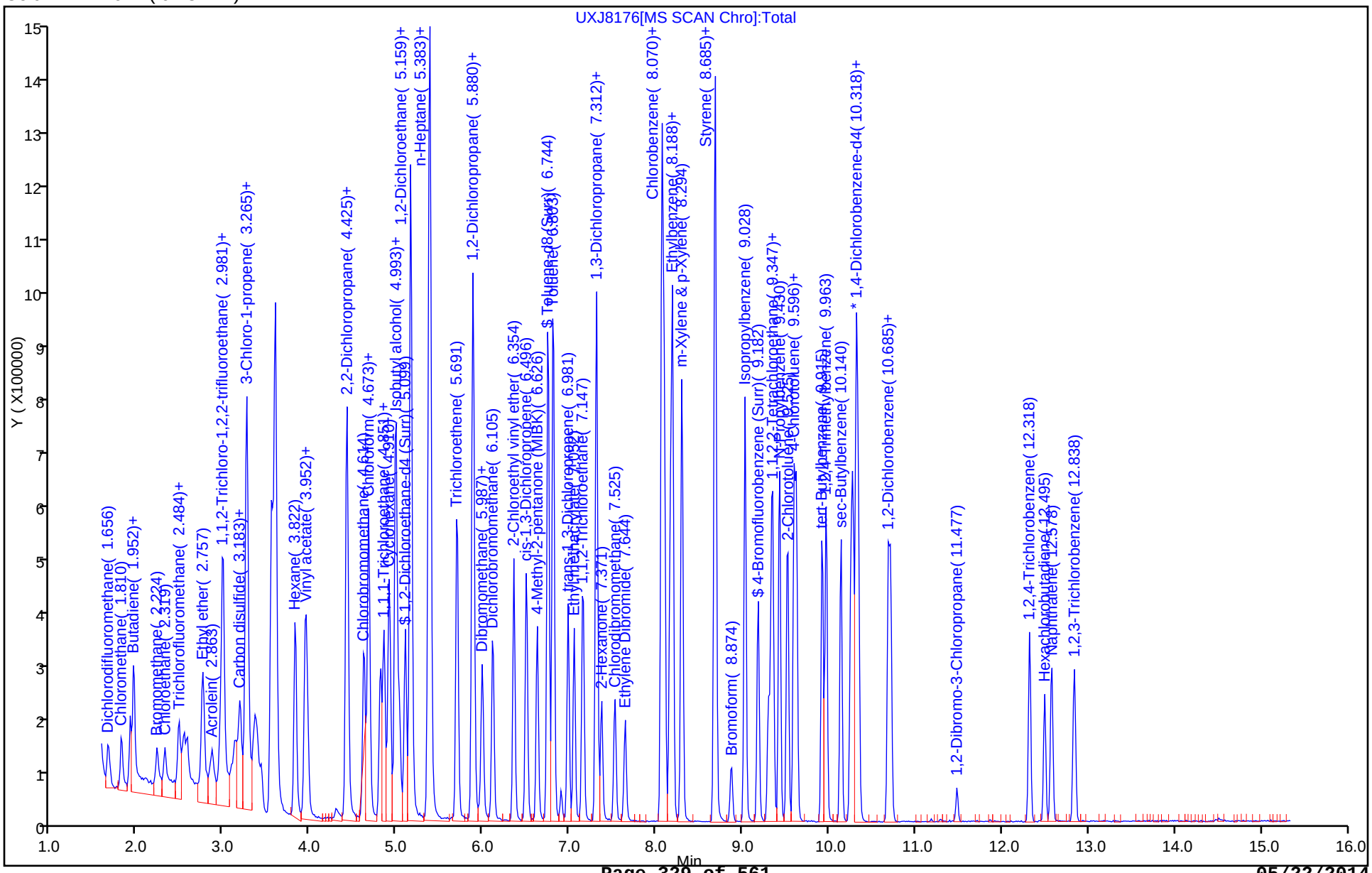
Lims ID: STD8260 L3 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8177.D
Lims ID: STD8260 L2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 09-May-2014 15:56:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-006
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub42

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:02 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.384	5.383	0.001	99	1308429	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	87	711104	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	91	243116	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.804	4.804	0.000	96	74581	2.00	1.99	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.100	5.099	0.001	87	98437	2.00	1.90	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	93	265522	2.00	1.90	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	83	60395	2.00	1.86	
9 Dichlorodifluoromethane	85	1.668	1.656	0.012	89	55259	2.00	2.13	
11 Chloromethane	50	1.810	1.810	0.000	99	53550	2.00	2.08	
12 Vinyl chloride	62	1.916	1.916	0.000	96	59605	2.00	2.16	
124 Butadiene	54	1.952	1.952	0.000	0	46866	2.00	1.96	
14 Bromomethane	94	2.236	2.224	0.012	73	24771	2.00	2.08	
15 Chloroethane	64	2.319	2.319	0.000	80	28595	2.00	1.92	
16 Dichlorofluoromethane	67	2.484	2.473	0.011	80	59801	2.00	2.01	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	85	51322	2.00	2.00	
18 Ethyl ether	59	2.757	2.757	0.000	83	67229	2.00	2.05	
19 Acrolein	56	2.863	2.863	0.000	86	29230	10.0	10.4	
20 1,1-Dichloroethene	96	2.993	2.981	0.012	96	56270	2.00	2.08	
22 Acetone	43	2.993	2.981	0.012	78	63720	4.00	4.17	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	63	30752	2.00	2.07	
24 Iodomethane	142	3.123	3.135	-0.012	96	66427	2.00	2.03	
25 Carbon disulfide	76	3.183	3.183	0.000	96	131665	2.00	2.09	
29 Methyl acetate	43	3.265	3.265	0.000	96	260196	10.0	10.3	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	78	50791	2.00	1.94	
28 Methylene Chloride	84	3.372	3.360	0.012	83	71091	2.00	2.15	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	92	44631	20.0	21.1	
31 Acrylonitrile	53	3.549	3.549	0.000	99	249163	20.0	20.7	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	90	222702	2.00	1.99	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	67	84566	2.00	1.98	
34 Hexane	86	3.822	3.822	0.000	91	18649	2.00	2.10	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	95	155466	2.00	2.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.964	3.964	0.000	96	90588	1.92	1.83	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	56	61016	4.00	4.24	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	68	72622	2.00	2.07	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	82	94364	2.00	2.06	
44 Chlorobromomethane	128	4.626	4.626	0.000	85	43477	2.00	2.01	
46 Tetrahydrofuran	42	4.674	4.662	0.012	83	41208	4.00	4.50	
47 Chloroform	83	4.674	4.674	0.000	94	152779	2.00	2.04	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	88	97640	2.00	2.08	
50 Cyclohexane	56	4.910	4.910	0.000	88	96836	2.00	2.05	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	93	115931	2.00	2.08	
52 Carbon tetrachloride	117	4.993	4.993	0.000	75	71945	2.00	1.90	
53 Isobutyl alcohol	41	5.029	5.028	0.001	75	45079	50.0	49.1	
54 Benzene	78	5.159	5.159	0.000	95	352793	2.00	2.01	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	56	127307	2.00	2.05	
57 n-Heptane	100	5.360	5.360	0.000	81	17120	2.00	2.06	
59 Trichloroethene	130	5.691	5.691	0.000	96	90130	2.00	2.11	
61 Methylcyclohexane	83	5.881	5.880	0.000	88	95461	2.00	1.97	
62 1,2-Dichloropropane	63	5.881	5.880	0.000	90	83970	2.00	2.01	
63 Dibromomethane	93	5.987	5.987	0.000	87	46769	2.00	2.10	
64 1,4-Dioxane	88	5.987	5.987	0.000	8	10658	40.0	46.0	
66 Dichlorobromomethane	83	6.105	6.105	0.000	91	102755	2.00	2.08	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	92	83402	4.00	3.97	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	81	107549	2.00	1.90	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	94	98855	4.00	4.05	
71 Toluene	91	6.815	6.803	0.012	92	319060	2.00	1.96	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	94	88184	2.00	1.92	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	71352	2.00	1.87	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	87	65159	2.00	2.07	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	90	108953	2.00	1.99	
75 Tetrachloroethene	164	7.312	7.312	0.000	71	56078	2.00	2.09	
77 2-Hexanone	43	7.371	7.371	0.000	95	58713	4.00	3.92	
78 Chlorodibromomethane	129	7.525	7.525	0.000	78	51320	2.00	1.84	
81 Ethylene Dibromide	107	7.644	7.644	0.000	91	53187	2.00	1.92	
82 Chlorobenzene	112	8.093	8.093	0.000	93	175140	2.00	1.94	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	82	55017	2.00	1.92	
85 Ethylbenzene	106	8.188	8.188	0.000	99	89566	2.00	1.92	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	96	110245	2.00	1.96	
88 o-Xylene	106	8.685	8.673	0.012	88	93921	2.00	1.88	
87 Styrene	104	8.685	8.685	0.000	88	165205	2.00	1.93	
89 Bromoform	173	8.874	8.874	0.000	80	21217	2.00	1.80	
90 Isopropylbenzene	105	9.028	9.028	0.000	94	214392	2.00	1.86	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	83	47400	2.00	2.13	
94 Bromobenzene	156	9.336	9.336	0.000	93	52211	2.00	2.01	
95 1,2,3-Trichloropropane	110	9.348	9.348	0.000	72	15827	2.00	2.05	
97 trans-1,4-Dichloro-2-buten	53	9.348	9.359	-0.011	67	12760	2.00	2.02	
96 N-Propylbenzene	120	9.430	9.430	0.000	96	49683	2.00	1.97	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	43333	2.00	1.98	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	91	135054	2.00	1.90	
100 4-Chlorotoluene	126	9.620	9.620	0.000	97	45121	2.00	1.91	
101 tert-Butylbenzene	119	9.916	9.927	-0.011	80	116183	2.00	1.98	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	96	138410	2.00	1.90	
106 sec-Butylbenzene	105	10.140	10.140	0.000	88	157714	2.00	1.96	

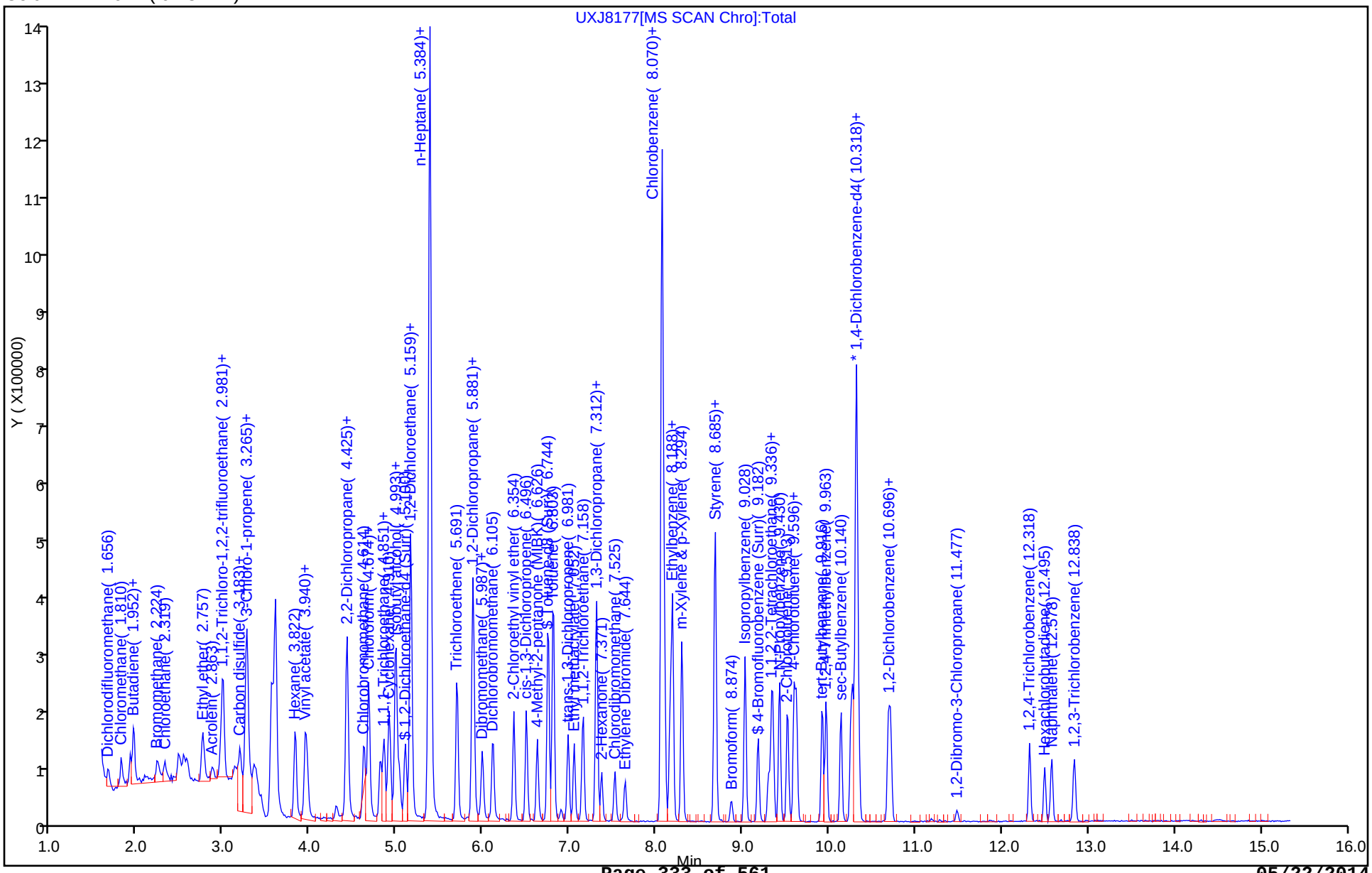
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	81	87055	2.00	2.05	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	88	123581	2.00	1.86	
107 1,4-Dichlorobenzene	146	10.342	10.341	0.001	86	91525	2.00	2.04	
111 n-Butylbenzene	91	10.685	10.685	0.000	89	108581	2.00	1.97	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	90	89544	2.00	2.12	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	30	7012	2.00	2.09	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	89	47062	2.00	2.02	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	81	22209	2.00	2.30	
117 Naphthalene	128	12.578	12.578	0.000	93	114292	2.00	1.96	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	88	46829	2.00	2.16	
S 130 1,2-Dichloroethene, Total	96				0		4.00	4.05	
S 131 1,3-Dichloropropene, Total	75				0		4.00	3.82	
S 132 Xylenes, Total	106				0		4.00	3.84	
S 133 Trihalomethanes, Total	1				0		8.00	7.76	

Report Date: 10-May-2014 10:12:02 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8177.D				
Injection Date:	09-May-2014 15:56:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	STD8260 L2			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8178.D
Lims ID: STD8260 L1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 09-May-2014 16:18:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-007
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub42

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:03 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: evansle Date: 10-May-2014 08:42:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.384	5.383	0.001	99	1278724	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	87	689508	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	237059	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.816	4.804	0.012	92	36593	1.00	1.00	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.100	5.099	0.001	91	55422	1.00	1.09	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	87	141360	1.00	1.04	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	79	32380	1.00	1.03	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	84	25875	1.00	1.02	
11 Chloromethane	50	1.810	1.810	0.000	75	26530	1.00	1.05	
12 Vinyl chloride	62	1.916	1.916	0.000	86	26970	1.00	1.00	
124 Butadiene	54	1.952	1.952	0.000	0	24750	1.00	1.06	
14 Bromomethane	94	2.224	2.224	0.000	74	11540	1.00	0.99	
15 Chloroethane	64	2.319	2.319	0.000	60	15616	1.00	1.08	
16 Dichlorofluoromethane	67	2.484	2.473	0.011	56	26896	1.00	0.9247	
17 Trichlorofluoromethane	101	2.544	2.532	0.012	66	25525	1.00	1.02	
18 Ethyl ether	59	2.757	2.757	0.000	75	30643	1.00	0.9550	
19 Acrolein	56	2.863	2.863	0.000	72	15685	5.00	5.70	
20 1,1-Dichloroethene	96	2.993	2.981	0.012	93	26384	1.00	1.00	
22 Acetone	43	2.993	2.981	0.012	94	39428	2.00	1.59	
21 1,1,2-Trichloro-1,2,2-trif	151	2.981	2.993	-0.012	44	14768	1.00	1.02	
24 Iodomethane	142	3.135	3.135	0.000	81	32115	1.00	1.00	
25 Carbon disulfide	76	3.183	3.183	0.000	96	61787	1.00	1.00	
29 Methyl acetate	43	3.265	3.265	0.000	93	133284	5.00	5.40	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	62	25294	1.00	0.99	
28 Methylene Chloride	84	3.384	3.360	0.024	82	37870	1.00	1.17	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	87	21507	10.0	10.4	
31 Acrylonitrile	53	3.549	3.549	0.000	94	115537	10.0	9.81	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	88	103432	1.00	0.9447	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	65	40602	1.00	0.9752	
34 Hexane	86	3.833	3.822	0.011	86	8498	1.00	0.9773	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	3.940	3.940	0.000	81	74524	1.00	0.9888	
36 Vinyl acetate	43	3.975	3.964	0.011	94	49310	0.9600	1.02	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	51	33863	2.00	2.41	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	53	34190	1.00	1.00	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	82	45461	1.00	1.02	
44 Chlorobromomethane	128	4.626	4.626	0.000	69	22509	1.00	1.07	
46 Tetrahydrofuran	42	4.674	4.662	0.012	48	20623	2.00	2.30	
47 Chloroform	83	4.674	4.674	0.000	81	75531	1.00	1.03	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	87	45030	1.00	0.9838	
50 Cyclohexane	56	4.910	4.910	0.000	88	45463	1.00	0.9851	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	90	56116	1.00	1.03	
52 Carbon tetrachloride	117	4.993	4.993	0.000	76	37396	1.00	1.01	
53 Isobutyl alcohol	41	5.029	5.028	0.001	78	27763	25.0	23.7	
54 Benzene	78	5.159	5.159	0.000	95	177648	1.00	1.04	
55 1,2-Dichloroethane	62	5.171	5.159	0.011	53	62569	1.00	1.03	
57 n-Heptane	100	5.360	5.360	0.000	85	8438	1.00	1.04	
59 Trichloroethene	130	5.703	5.691	0.012	91	41416	1.00	0.99	
61 Methylcyclohexane	83	5.880	5.880	0.000	86	49836	1.00	1.05	
62 1,2-Dichloropropane	63	5.892	5.880	0.012	87	42332	1.00	1.04	
63 Dibromomethane	93	5.987	5.987	0.000	84	22844	1.00	1.05	
64 1,4-Dioxane	88	5.999	5.987	0.012	1	4583	20.0	29.3	
66 Dichlorobromomethane	83	6.117	6.105	0.012	95	47659	1.00	0.9860	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	91	39872	2.00	1.94	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	76	53811	1.00	0.9728	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	89	46412	2.00	1.95	
71 Toluene	91	6.815	6.803	0.012	90	156676	1.00	0.99	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	87	40756	1.00	0.9137	
73 Ethyl methacrylate	69	7.052	7.052	0.000	80	33518	1.00	0.9072	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	82	32864	1.00	1.08	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	85	54338	1.00	1.02	
75 Tetrachloroethene	164	7.312	7.312	0.000	71	26150	1.00	1.01	
77 2-Hexanone	43	7.371	7.371	0.000	86	27885	2.00	1.92	
78 Chlorodibromomethane	129	7.525	7.525	0.000	73	25754	1.00	0.9510	
81 Ethylene Dibromide	107	7.644	7.644	0.000	69	28083	1.00	1.05	
82 Chlorobenzene	112	8.093	8.093	0.000	90	91206	1.00	1.04	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	77	27439	1.00	0.9862	
85 Ethylbenzene	106	8.188	8.188	0.000	97	42396	1.00	0.9385	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	51630	1.00	0.9480	
88 o-Xylene	106	8.673	8.673	0.000	91	44292	1.00	0.9132	
87 Styrene	104	8.685	8.685	0.000	85	75690	1.00	0.9142	
89 Bromoform	173	8.874	8.874	0.000	61	10965	1.00	0.9588	
90 Isopropylbenzene	105	9.028	9.028	0.000	92	103174	1.00	0.9238	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	68	23246	1.00	1.07	
94 Bromobenzene	156	9.336	9.336	0.000	93	27110	1.00	1.07	
95 1,2,3-Trichloropropane	110	9.359	9.348	0.011	64	7507	1.00	0.99	
97 trans-1,4-Dichloro-2-buten	53	9.348	9.359	-0.011	53	6424	1.00	1.04	
96 N-Propylbenzene	120	9.430	9.430	0.000	92	21788	1.00	0.8847	
98 2-Chlorotoluene	126	9.525	9.525	0.000	90	21281	1.00	1.00	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	87	64915	1.00	0.9347	
100 4-Chlorotoluene	126	9.620	9.620	0.000	88	22506	1.00	0.9795	
101 tert-Butylbenzene	119	9.916	9.927	-0.011	81	56997	1.00	0.99	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	58	64072	1.00	0.9025	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 sec-Butylbenzene	105	10.140	10.140	0.000	78	76380	1.00	0.9754	
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	72	41488	1.00	1.00	
105 4-Isopropyltoluene	119	10.270	10.282	-0.012	73	58221	1.00	0.8969	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	81	44029	1.00	1.01	
111 n-Butylbenzene	91	10.685	10.685	0.000	84	48479	1.00	0.9021	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	82	39068	1.00	0.9486	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	9	2633	1.00	0.8052	
115 1,2,4-Trichlorobenzene	180	12.329	12.318	0.011	69	23172	1.00	1.02	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	51	10149	1.00	1.08	
117 Naphthalene	128	12.578	12.578	0.000	81	54428	1.00	0.9571	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	80	20682	1.00	0.9786	
S 130 1,2-Dichloroethene, Total	96				0		2.00	1.99	
S 131 1,3-Dichloropropene, Total	75				0		2.00	1.89	
S 132 Xylenes, Total	106				0		2.00	1.86	
S 133 Trihalomethanes, Total	1				0		4.00	3.93	

Report Date: 10-May-2014 10:12:03 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8178.D

Injection Date: 09-May-2014 16:18:30 Instrument ID: A3UX11 Operator ID: 43582

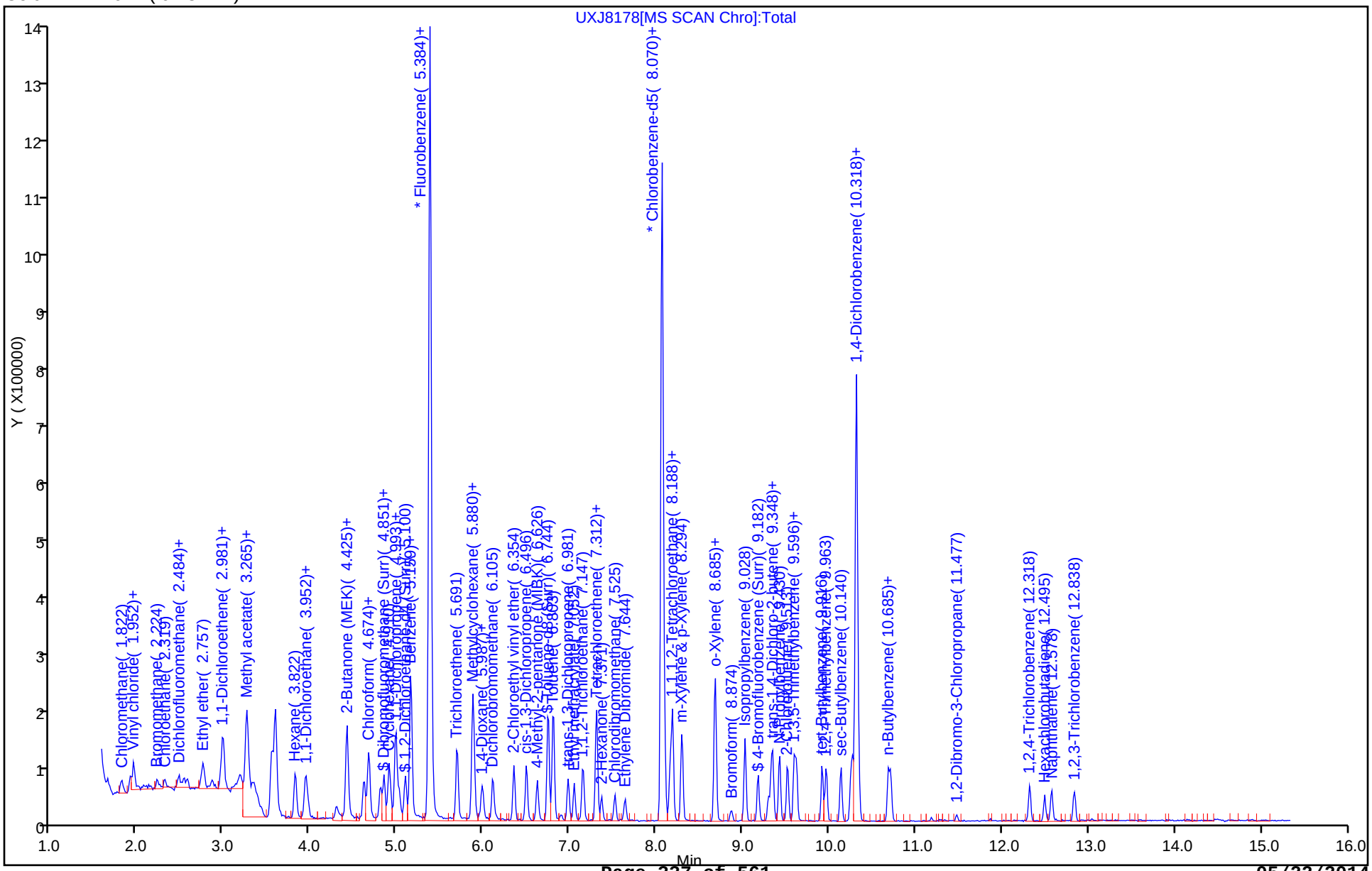
Lims ID: STD8260 L1 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-130073/13	UXJ8184.D
Level 2	STD2 240-130073/12	UXJ8183.D
Level 3	STD3 240-130073/11	UXJ8182.D
Level 4	STD4 240-130073/10	UXJ8181.D
Level 5	STD5 240-130073/9	UXJ8180.D
Level 6	STD6 240-130073/8	UXJ8179.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								
Acetonitrile	0.0277 0.0223	0.0216	0.0227	0.0214	0.0220	Ave		0.0230				10.0		15.0			
Isopropyl ether	0.2827 0.3004	0.2865	0.2864	0.2854	0.2815	Ave		0.2871				2.4		15.0			
Chloroprene	0.5012 0.4963	0.4541	0.4720	0.4585	0.4687	Ave		0.4751				4.1		15.0			
Tert-butyl ethyl ether	0.9343 0.9499	0.8978	0.9052	0.8744	0.8644	Ave		0.9043				3.7		15.0			
Ethyl acetate	0.1887 0.1695	0.1582	0.1635	0.1618	0.1606	Ave		0.1671				6.7		15.0			
Propionitrile	0.0329 0.0322	0.0314	0.0324	0.0305	0.0305	Ave		0.0316				3.2		15.0			
Methacrylonitrile	0.1641 0.1743	0.1595	0.1594	0.1607	0.1630	Ave		0.1635				3.4		15.0			
Tert-amyl methyl ether	0.8919 0.8794	0.8020	0.8225	0.8007	0.8058	Ave		0.8337				4.9		15.0			
n-Butanol	0.0085 0.0057	0.0070	0.0073	0.0077	0.0068	Ave		0.0072				13.0		15.0			
Ethyl acrylate	0.2964 0.2966	0.2633	0.2979	0.3000	0.2730	Ave		0.2879				5.4		15.0			
Methyl methacrylate	0.2119 0.2327	0.2029	0.2240	0.2220	0.2145	Ave		0.2180				4.8		15.0			
2-Nitropropane	0.0479 0.0531	0.0454	0.0495	0.0452	0.0489	Ave		0.0483				6.1		15.0			
1-Chlorohexane	0.4771 0.4895	0.4232	0.4406	0.4391	0.4716	Ave		0.4568				5.7		15.0			
Cyclohexanone	0.0129 0.0155	0.0201	0.0194	0.0178	0.0187	Qua	-0.079	0.0214	0						0.9990		0.9900
Pentachloroethane	0.0580 0.1391	0.0898	0.1056	0.0948	0.0975	Qua	0.1563	0.0597	0.0010						0.9980		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 Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	2.6179 3.3854	2.6368	2.7825	2.8715	2.9889	Ave		2.8805				9.9		15.0			
Benzyl chloride	0.1959 0.3121	0.2046	0.2167	0.2239	0.2650	Qua	-0.047	0.2140	0.0025						1.0000		0.9900
1,3,5-Trichlorobenzene	1.0539 1.0912	1.0349	1.1024	1.0556	1.0440	Ave		1.0637				2.5		15.0			
2-Methylnaphthalene	1.0972 1.1684	1.0548	1.0427	1.1354	1.2028	Ave		1.1169				5.7		15.0			
n-Butyl acetate	0.1915 0.2038	0.1748	0.1878	0.1853	0.1876	Ave		0.1885				5.0		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-130073/13	UXJ8184.D
Level 2	STD2 240-130073/12	UXJ8183.D
Level 3	STD3 240-130073/11	UXJ8182.D
Level 4	STD4 240-130073/10	UXJ8181.D
Level 5	STD5 240-130073/9	UXJ8180.D
Level 6	STD6 240-130073/8	UXJ8179.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
Acetonitrile	FB	Ave	35072 1194890	55544	145206	285398	606832	10.0 400	20.0	50.0	100	200
Isopropyl ether	FB	Ave	35795 1607487	73711	183210	380107	775061	1.00 40.0	2.00	5.00	10.0	20.0
Chloroprene	FB	Ave	63460 2656387	116848	301888	610646	1290485	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	118302 5083884	231015	578959	1164417	2380026	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	47790 1814694	81426	209189	430988	884408	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	41670 1724243	80866	206961	406007	838500	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	207770 9329657	410491	1019369	2139980	4489028	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	112938 4706488	206341	526106	1066254	2218662	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Ave	15067 458789	24758	66766	146960	276083	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	37525 1587255	67748	190555	399528	751669	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	53659 2490405	104396	286556	591264	1181270	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Ave	12137 567935	23369	63343	120319	269535	2.00 80.0	4.00	10.0	20.0	40.0
1-Chlorohexane	CBZ	Ave	33890 1574850	59833	160277	335464	768264	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexanone	DCB	Qua	2801 149174	8714	21446	40819	89255	10.0 400	20.0	50.0	100	200
Pentachloroethane	CBZ	Qua	8242 894829	25392	76841	144796	317627	2.00 80.0	4.00	10.0	20.0	40.0
1,2,3-Trimethylbenzene	DCB	Ave	56747 3255592	114291	307285	658791	1429711	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

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
Benzyl chloride	DCB	Qua	4247 300135	8868	23935	51378	126778	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	22846 1049385	44856	121747	242181	499398	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	47566 2247269	91436	230298	520977	1150645	2.00 80.0	4.00	10.0	20.0	40.0
n-Butyl acetate	FB	Ave	24252 1090545	44964	120115	246721	516527	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8179.D
Lims ID: STD6 A9 L6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 09-May-2014 16:42:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-008
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub46

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:04 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1337965	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	82	804368	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	93	240412	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	100	1194890	400.0	388.9	
37 Isopropyl ether	87	3.987	3.987	0.000	92	1607487	40.0	41.8	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	2656387	40.0	41.8	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	97	5083884	40.0	42.0	
42 Ethyl acetate	43	4.460	4.461	-0.001	100	1814694	80.0	81.2	
43 Propionitrile	54	4.460	4.461	-0.001	89	1724243	400.0	407.3	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	9329657	400.0	426.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	98	4706488	40.0	42.2	
58 n-Butanol	56	5.585	5.585	0.000	90	458789	1000.0	795.7	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	1587255	40.0	41.2	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	2490405	80.0	85.4	
68 2-Nitropropane	41	6.295	6.295	0.000	99	567935	80.0	87.8	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	1090545	40.0	43.3	
83 1-Chlorohexane	91	8.058	8.058	0.000	97	1574850	40.0	42.9	
92 Cyclohexanone	55	9.123	9.123	0.000	91	149174	400.0	398.6	
103 Pentachloroethane	167	9.939	9.939	0.000	0	894829	80.0	80.2	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	99	3255592	40.0	47.0	
110 Benzyl chloride	126	10.472	10.472	0.000	0	300135	40.0	40.0	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	1049385	40.0	41.0	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	90	2247269	80.0	83.7	

Report Date: 10-May-2014 10:12:04 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8179.D

Injection Date: 09-May-2014 16:42:30 Instrument ID: A3UX11 Operator ID: 43582

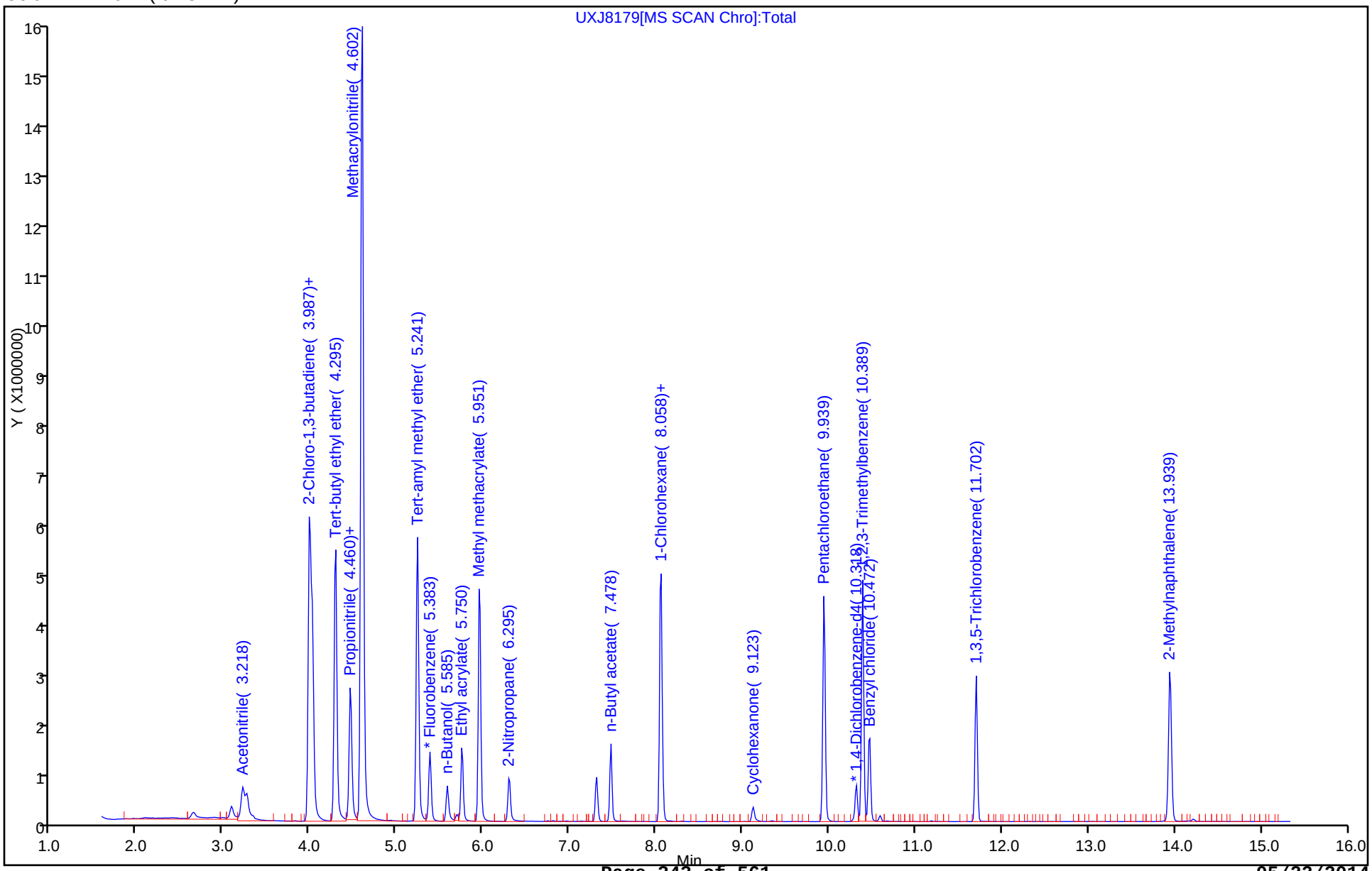
Lims ID: STD6 A9 L6 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8180.D
Lims ID: STD5 A9 L5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 09-May-2014 17:05:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-009
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub46

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:05 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1376702	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	84	814457	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	92	239168	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	100	606832	200.0	191.9	
37 Isopropyl ether	87	3.987	3.987	0.000	91	775061	20.0	19.6	
38 2-Chloro-1,3-butadiene	53	4.022	4.023	-0.001	92	1290485	20.0	19.7	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	97	2380026	20.0	19.1	
42 Ethyl acetate	43	4.460	4.461	-0.001	99	884408	40.0	38.5	
43 Propionitrile	54	4.460	4.461	-0.001	90	838500	200.0	192.5	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	4489028	200.0	199.4	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	2218662	20.0	19.3	
58 n-Butanol	56	5.584	5.585	-0.001	89	276083	500.0	472.9	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	751669	20.0	19.0	
65 Methyl methacrylate	41	5.951	5.951	0.000	90	1181270	40.0	39.4	
68 2-Nitropropane	41	6.294	6.295	-0.001	97	269535	40.0	40.5	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	516527	20.0	19.9	
83 1-Chlorohexane	91	8.057	8.058	-0.001	98	768264	20.0	20.6	
92 Cyclohexanone	55	9.122	9.123	-0.001	92	89255	200.0	205.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	317627	40.0	38.6	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	-0.001	98	1429711	20.0	20.8	
110 Benzyl chloride	126	10.471	10.472	-0.001	0	126778	20.0	20.2	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	97	499398	20.0	19.6	
119 2-Methylnaphthalene	142	13.950	13.939	0.011	89	1150645	40.0	43.1	

Report Date: 10-May-2014 10:12:05 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8180.D

Injection Date: 09-May-2014 17:05:30 Instrument ID: A3UX11 Operator ID: 43582

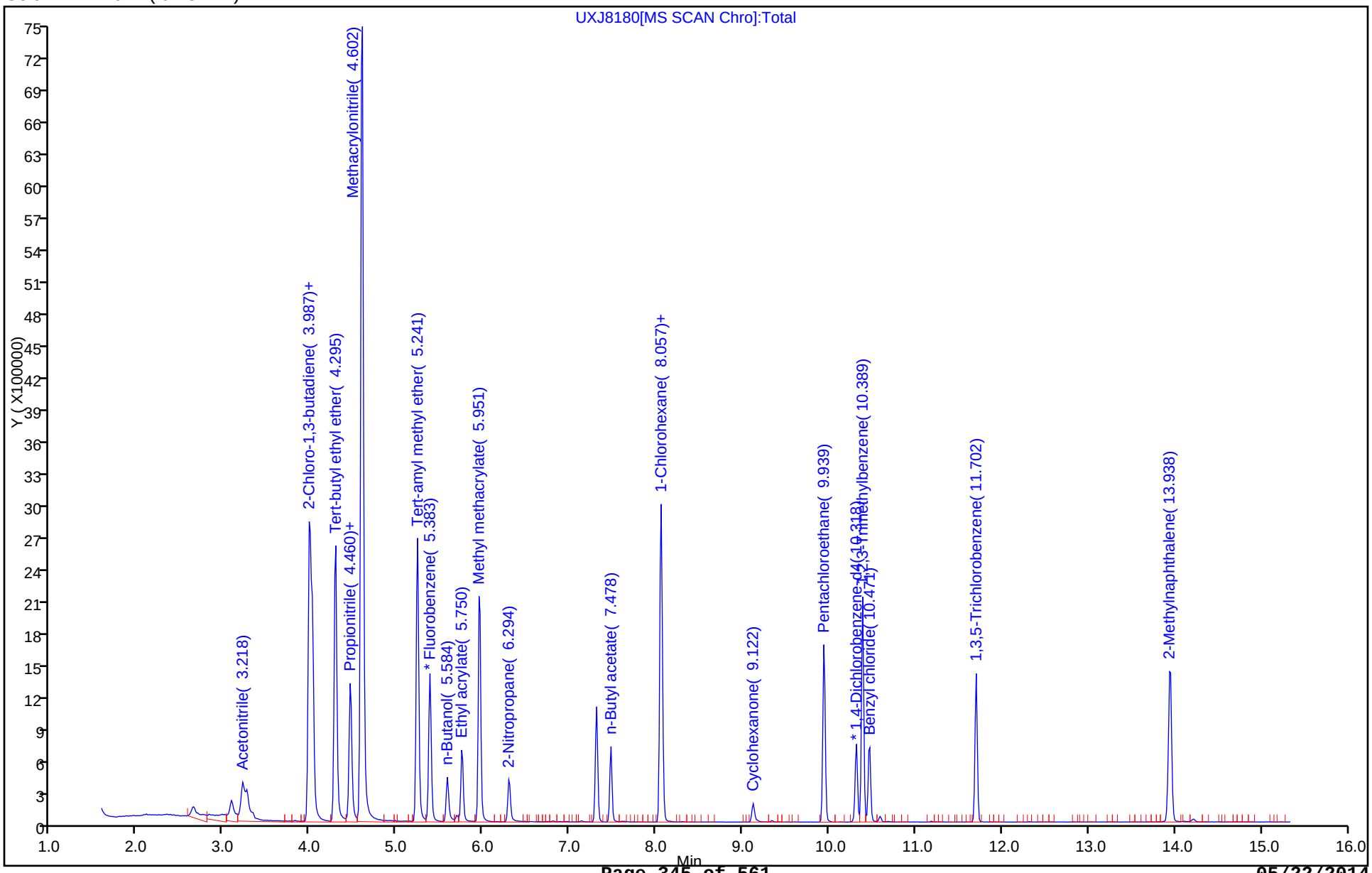
Lims ID: STD5 A9 L5 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8181.D
Lims ID: STD4 A9 L4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 09-May-2014 17:29:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-010
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub46

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:06 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: evansle Date: 10-May-2014 08:39:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1331696	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	84	763928	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	96	229427	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	98	285398	100.0	93.3	
37 Isopropyl ether	87	3.987	3.987	0.000	91	380107	10.0	9.94	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	610646	10.0	9.65	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1164417	10.0	9.67	
42 Ethyl acetate	43	4.461	4.461	0.000	99	430988	20.0	19.4	
43 Propionitrile	54	4.461	4.461	0.000	90	406007	100.0	96.4	
48 Methacrylonitrile	41	4.603	4.603	0.000	93	2139980	100.0	98.3	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	98	1066254	10.0	9.60	
58 n-Butanol	56	5.585	5.585	0.000	90	146960	250.0	268.4	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	399528	10.0	10.4	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	591264	20.0	20.4	
68 2-Nitropropane	41	6.295	6.295	0.000	99	120319	20.0	18.7	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	246721	10.0	9.83	
83 1-Chlorohexane	91	8.058	8.058	0.000	93	335464	10.0	9.61	
92 Cyclohexanone	55	9.123	9.123	0.000	90	40819	100.0	92.3	
103 Pentachloroethane	167	9.939	9.939	0.000	0	144796	20.0	21.6	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	99	658791	10.0	9.97	
110 Benzyl chloride	126	10.472	10.472	0.000	0	51378	10.0	9.61	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	242181	10.0	9.92	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	91	520977	20.0	20.3	

Report Date: 10-May-2014 10:12:06 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8181.D

Injection Date: 09-May-2014 17:29:30 Instrument ID: A3UX11 Operator ID: 43582

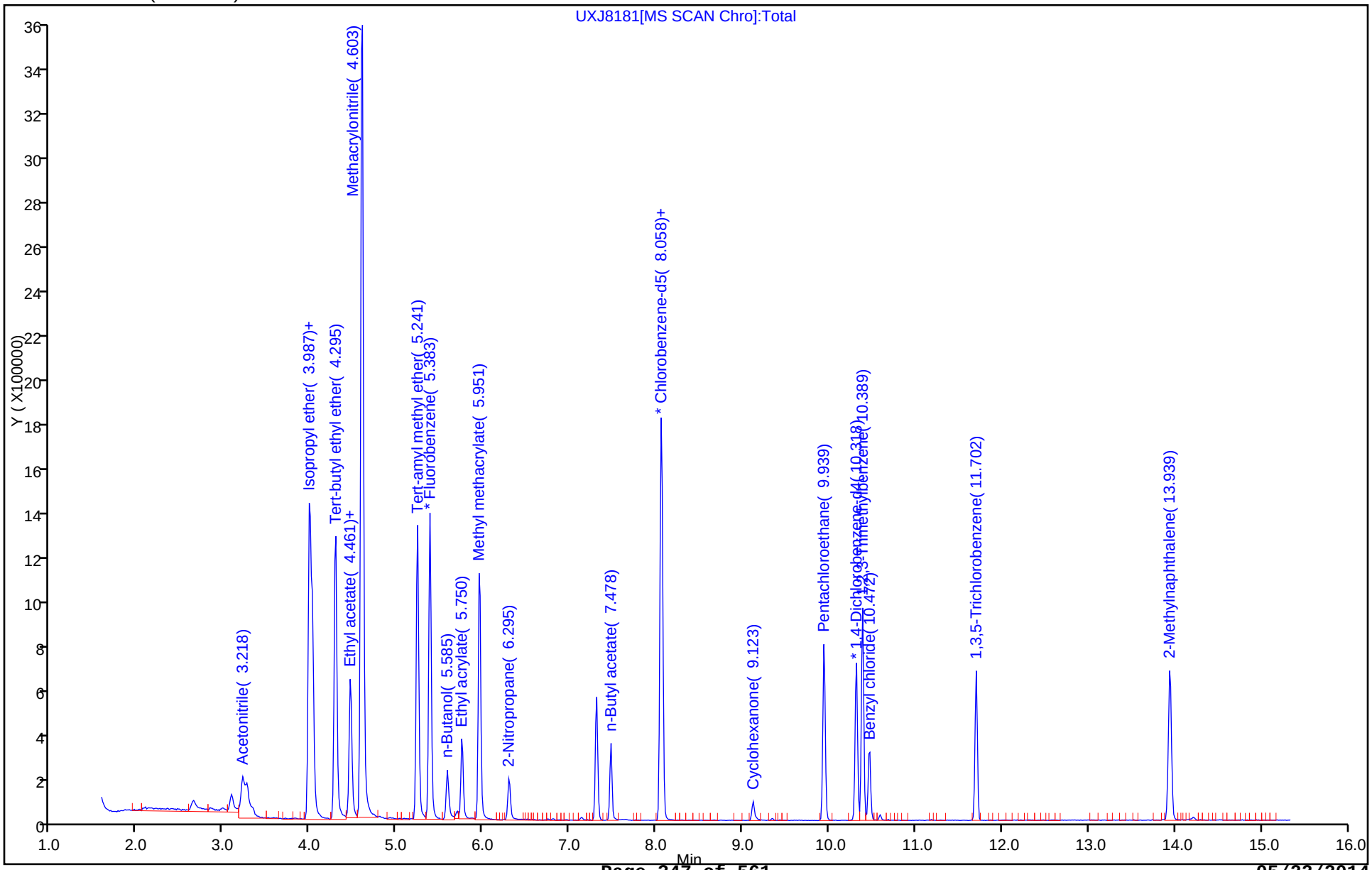
Lims ID: STD4 A9 L4 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8182.D
Lims ID: STD3 A9 L3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 09-May-2014 17:51:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-011
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub46

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:07 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1279244	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	727504	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	220868	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	99	145206	50.0	49.4	
37 Isopropyl ether	87	3.999	3.987	0.012	89	183210	5.00	4.99	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	301888	5.00	4.97	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	578959	5.00	5.00	
42 Ethyl acetate	43	4.460	4.461	-0.001	98	209189	10.0	9.79	
43 Propionitrile	54	4.460	4.461	-0.001	96	206961	50.0	51.1	
48 Methacrylonitrile	41	4.602	4.603	0.000	93	1019369	50.0	48.7	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	526106	5.00	4.93	
58 n-Butanol	56	5.585	5.585	0.000	92	66766	125.0	128.0	
60 Ethyl acrylate	55	5.750	5.750	0.000	97	190555	5.00	5.17	
65 Methyl methacrylate	41	5.951	5.951	0.000	88	286556	10.0	10.3	
68 2-Nitropropane	41	6.295	6.295	0.000	96	63343	10.0	10.2	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	120115	5.00	4.98	
83 1-Chlorohexane	91	8.058	8.058	0.000	94	160277	5.00	4.82	
92 Cyclohexanone	55	9.123	9.123	0.000	78	21446	50.0	50.7	
103 Pentachloroethane	167	9.939	9.939	0.000	0	76841	10.0	12.5	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	307285	5.00	4.83	
110 Benzyl chloride	126	10.472	10.472	0.000	0	23935	5.00	4.99	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	121747	5.00	5.18	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	89	230298	10.0	9.34	

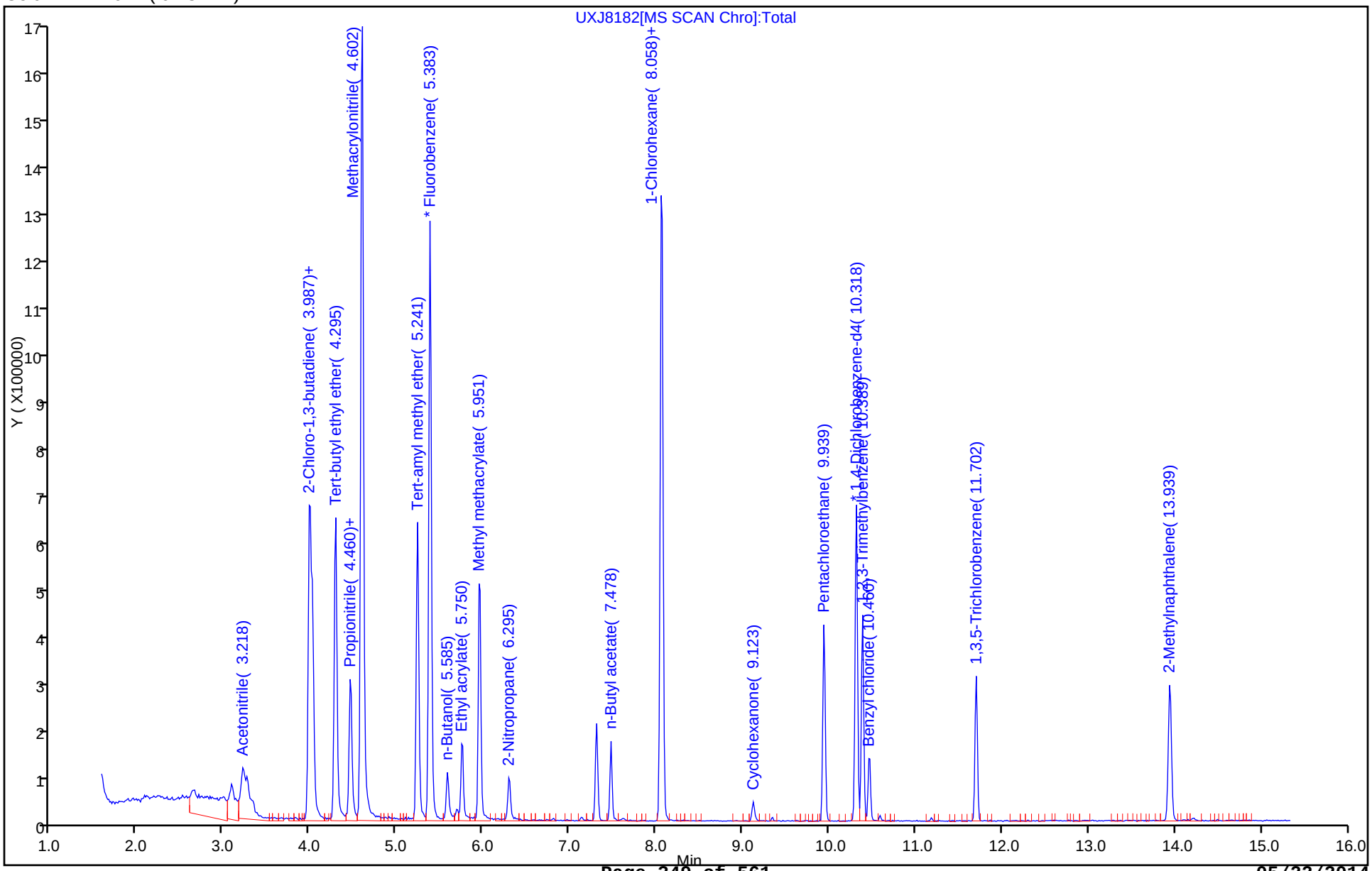
Report Date: 10-May-2014 10:12:07 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8182.D

Injection Date:	09-May-2014 17:51:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	STD3 A9 L3			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8183.D
Lims ID: STD2 A9 L2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 09-May-2014 18:15:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-012
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub46

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:08 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1286492	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	84	706985	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	92	216723	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	96	55544	20.0	18.8	
37 Isopropyl ether	87	3.987	3.987	0.000	90	73711	2.00	2.00	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	92	116848	2.00	1.91	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	231015	2.00	1.99	
42 Ethyl acetate	43	4.460	4.461	-0.001	95	81426	4.00	3.79	
43 Propionitrile	54	4.460	4.461	-0.001	89	80866	20.0	19.9	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	410491	20.0	19.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	206341	2.00	1.92	
58 n-Butanol	56	5.585	5.585	0.000	88	24758	50.0	48.9	
60 Ethyl acrylate	55	5.750	5.750	0.000	91	67748	2.00	1.83	
65 Methyl methacrylate	41	5.951	5.951	0.000	91	104396	4.00	3.72	
68 2-Nitropropane	41	6.295	6.295	-0.001	89	23369	4.00	3.76	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	44964	2.00	1.85	
83 1-Chlorohexane	91	8.058	8.058	0.000	87	59833	2.00	1.85	
92 Cyclohexanone	55	9.123	9.123	0.000	56	8714	20.0	22.8	
103 Pentachloroethane	167	9.951	9.939	0.012	0	25392	4.00	3.23	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	91	114291	2.00	1.83	
110 Benzyl chloride	126	10.472	10.472	0.000	0	8868	2.00	2.08	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	90	44856	2.00	1.95	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	85	91436	4.00	3.78	

Report Date: 10-May-2014 10:12:08 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8183.D

Injection Date: 09-May-2014 18:15:30 Instrument ID: A3UX11 Operator ID: 43582

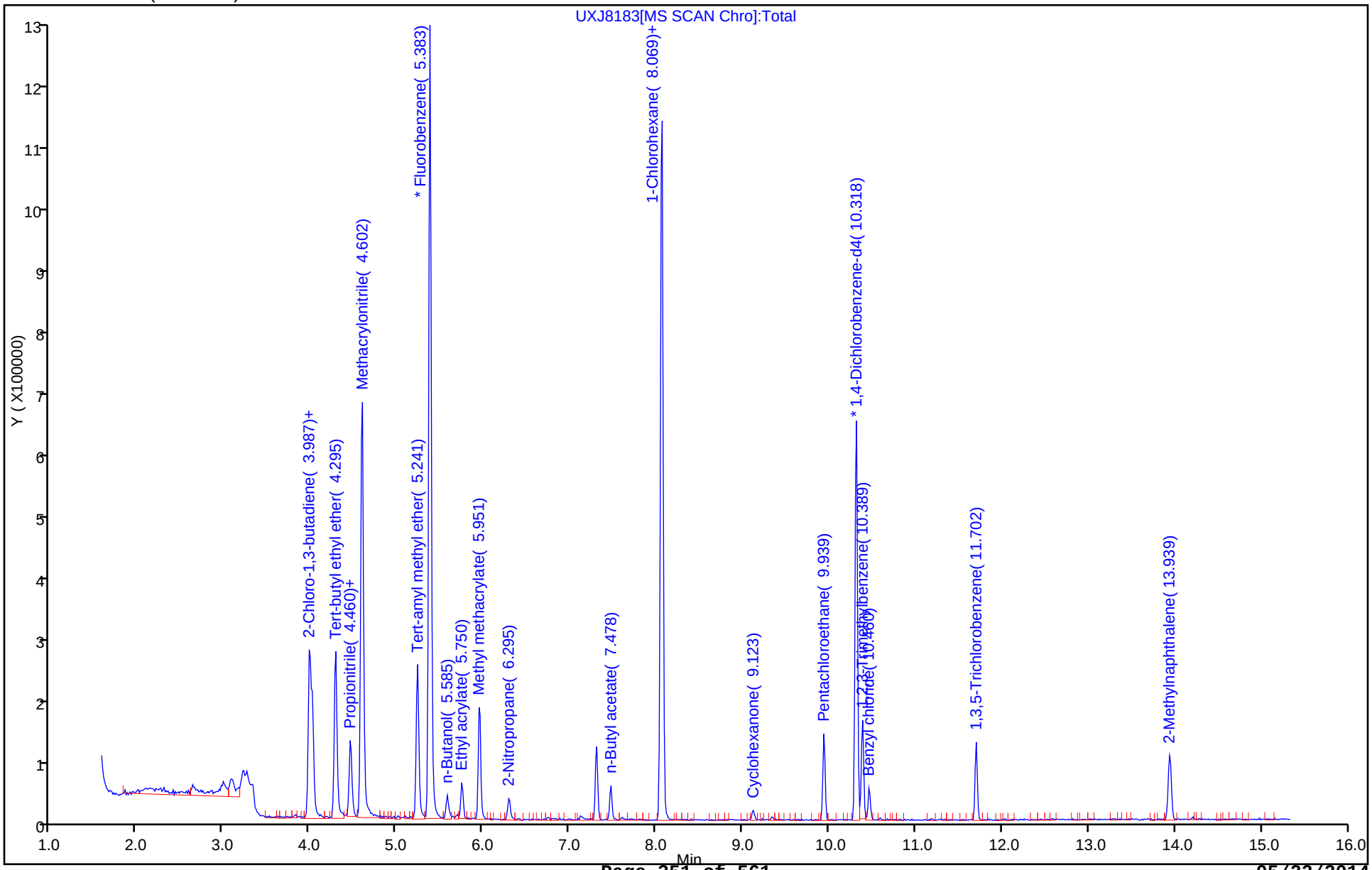
Lims ID: STD2 A9 L2 Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
Lims ID: STD1 A9 L1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 09-May-2014 18:38:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-013
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub46

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:34 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: evansle Date: 10-May-2014 10:12:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1266239	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	83	710382	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	96	216767	10.0	10.0	
27 Acetonitrile	41	3.230	3.218	0.012	91	35072	10.0	12.1	
37 Isopropyl ether	87	3.987	3.987	0.000	90	35795	1.00	0.9845	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	86	63460	1.00	1.05	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	118302	1.00	1.03	
42 Ethyl acetate	43	4.461	4.461	-0.001	96	47790	2.00	2.26	
43 Propionitrile	54	4.461	4.461	-0.001	88	41670	10.0	10.4	
48 Methacrylonitrile	41	4.603	4.603	0.000	90	207770	10.0	10.0	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	96	112938	1.00	1.07	
58 n-Butanol	56	5.585	5.585	0.000	72	15067	25.0	29.6	
60 Ethyl acrylate	55	5.750	5.750	0.000	85	37525	1.00	1.03	
65 Methyl methacrylate	41	5.951	5.951	0.000	82	53659	2.00	1.94	
68 2-Nitropropane	41	6.295	6.295	0.000	84	12137	2.00	1.98	
79 n-Butyl acetate	43	7.478	7.478	0.000	93	24252	1.00	1.02	
83 1-Chlorohexane	91	8.058	8.058	0.000	87	33890	1.00	1.04	
92 Cyclohexanone	55	9.123	9.123	0.000	41	2801	10.0	9.78	
103 Pentachloroethane	167	9.951	9.939	0.012	0	8242	2.00	-0.6825	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	80	56747	1.00	0.9088	
110 Benzyl chloride	126	10.460	10.472	-0.012	0	4247	1.00	1.12	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	74	22846	1.00	0.99	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	71	47566	2.00	1.96	

Report Date: 10-May-2014 10:12:34 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Injection Date: 09-May-2014 18:38:30 Instrument ID: A3UX11 Operator ID: 43582

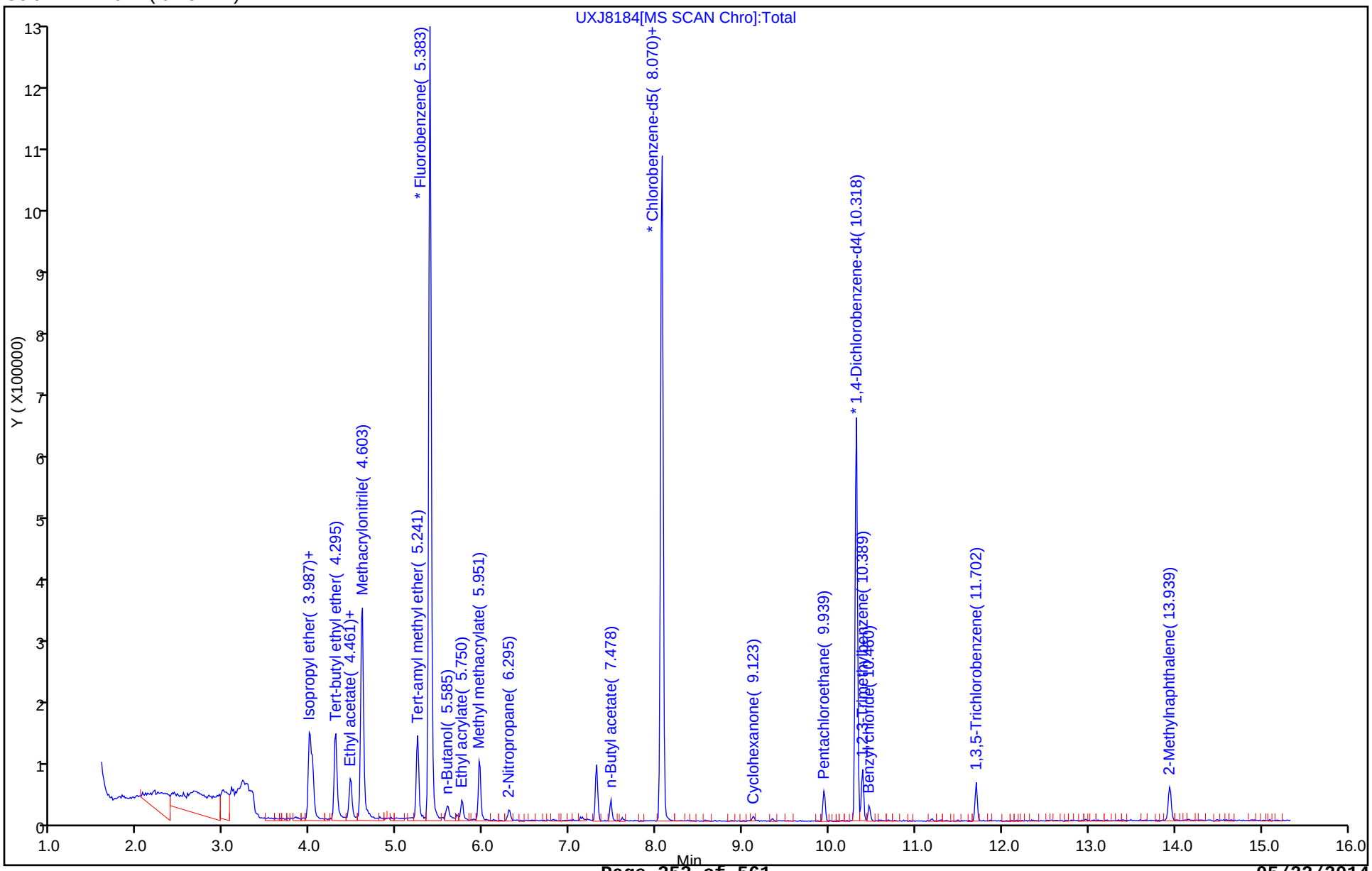
Lims ID: STD1 A9 L1 Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-121946/7	UXR1543.D
Level 2	STD8260 240-121946/6	UXR1542.D
Level 3	STD8260 240-121946/5	UXR1541.D
Level 4	STD8260 240-121946/4	UXR1540.D
Level 5	STD8260 240-121946/3	UXR1539.D
Level 6	STD8260 240-121946/2	UXR1538.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3704 0.3384	0.3324	0.3216	0.3306	0.3370	Ave		0.3384				5.0		15.0			
Chloromethane	0.4604 0.3822	0.4070	0.3867	0.3751	0.3912	Ave		0.4004			0.1000	7.8		15.0			
Vinyl chloride	0.4557 0.3616	0.3687	0.3664	0.3626	0.3679	Ave		0.3805				9.7		15.0			
Butadiene	0.4378 0.3395	0.3648	0.3439	0.3404	0.3425	Ave		0.3615				11.0		15.0			
Bromomethane	0.1742 0.1268	0.1470	0.1401	0.1415	0.1463	Ave		0.1460				11.0		15.0			
Chloroethane	0.2300 0.1609	0.1783	0.1743	0.1694	0.1715	Ave		0.1807				14.0		15.0			
Dichlorofluoromethane	0.4202 0.3885	0.3769	0.3903	0.3747	0.4029	Ave		0.3922				4.3		15.0			
Trichlorofluoromethane	0.3924 0.3270	0.3467	0.3338	0.3342	0.3409	Ave		0.3458				6.9		15.0			
Ethyl ether	0.2656 0.2211	0.2364	0.2377	0.2317	0.2414	Ave		0.2390				6.2		15.0			
Acrolein	0.0285 0.0355	0.0313	0.0344	0.0364	0.0379	Ave		0.0340				10.0		15.0			
1,1-Dichloroethene	0.2657 0.2428	0.2314	0.2426	0.2428	0.2507	Ave		0.2460				4.7		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2071 0.1940	0.1913	0.1950	0.1994	0.2082	Ave		0.1992				3.6		15.0			
Acetone	0.1234 0.0616	0.0907	0.0724	0.0705	0.0680	Lin1	0.0627	0.0635							0.9970		0.9900
Iodomethane	0.4084 0.3740	0.3565	0.3719	0.3785	0.3920	Ave		0.3802				4.7		15.0			
Carbon disulfide	0.7190 0.7644	0.6356	0.6848	0.7082	0.7570	Ave		0.7115				6.7		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1353 0.1546	0.1298	0.1411	0.1464	0.1584	Ave		0.1443				7.7		15.0			
Methyl acetate	0.1771 0.1667	0.1756	0.1755	0.1774	0.1795	Ave		0.1753				2.5		15.0			
Methylene Chloride	0.3926 0.2742	0.3236	0.2925	0.2871	0.2989	Ave		0.3115				14.0		15.0			
2-Methyl-2-propanol	0.0191 0.0127	0.0143	0.0141	0.0145	0.0147	Ave		0.0149				14.0		15.0			
Acrylonitrile	0.0954 0.0894	0.0889	0.0938	0.0938	0.0967	Ave		0.0930				3.4		15.0			
Methyl tert-butyl ether	0.6690 0.6381	0.6225	0.6387	0.6565	0.6768	Ave		0.6503				3.2		15.0			
trans-1,2-Dichloroethene	0.3165 0.2767	0.2726	0.2779	0.2850	0.2904	Ave		0.2865				5.6		15.0			
Hexane	0.0714 0.0729	0.0669	0.0671	0.0732	0.0780	Ave		0.0716				5.8		15.0			
1,1-Dichloroethane	0.5139 0.4910	0.4787	0.5058	0.5011	0.5159	Ave		0.5011			0.1000	2.8		15.0			
Vinyl acetate	0.1815 0.2853	0.1916	0.2266	0.2606	0.2885	Lin1	-0.076	0.2833							0.9970		0.9900
2,2-Dichloropropane	0.2552 0.2662	0.2311	0.2441	0.2594	0.2778	Ave		0.2556				6.4		15.0			
cis-1,2-Dichloroethene	0.3406 0.2984	0.3041	0.3028	0.3014	0.3129	Ave		0.3100				5.1		15.0			
2-Butanone	0.1012 0.0891	0.0999	0.0956	0.1004	0.1010	Ave		0.0979				4.9		15.0			
Chlorobromomethane	0.1496 0.1331	0.1264	0.1349	0.1374	0.1428	Ave		0.1374				5.9		15.0			
Tetrahydrofuran	0.0605 0.0604	0.0601	0.0613	0.0625	0.0640	Ave		0.0615				2.5		15.0			
Chloroform	0.4869 0.4480	0.4335	0.4483	0.4594	0.4701	Ave		0.4577				4.1		15.0			
1,1,1-Trichloroethane	0.3364 0.3451	0.2893	0.3271	0.3421	0.3542	Ave		0.3324				6.9		15.0			
Cyclohexane	0.5155 0.5034	0.4698	0.4917	0.5165	0.5273	Ave		0.5040				4.1		15.0			
1,1-Dichloropropene	0.3792 0.3610	0.3498	0.3650	0.3676	0.3735	Ave		0.3660				2.8		15.0			
Carbon tetrachloride	0.2910 0.2954	0.2599	0.2694	0.2867	0.3002	Ave		0.2838				5.6		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 Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

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								
Isobutanol	0.0085 0.0076	0.0085	0.0087	0.0085	0.0087	Ave		0.0084				4.7		15.0			
Benzene	1.4087 1.1893	1.2326	1.1925	1.2102	1.2424	Ave		1.2459				6.6		15.0			
1,2-Dichloroethane	0.3888 0.3276	0.3256	0.3421	0.3403	0.3501	Ave		0.3457				6.7		15.0			
n-Heptane	0.0679 0.0672	0.0663	0.0615	0.0673	0.0723	Ave		0.0671				5.1		15.0			
Trichloroethene	0.3319 0.2816	0.2844	0.2836	0.2884	0.2950	Ave		0.2941				6.5		15.0			
Methylcyclohexane	0.4906 0.4740	0.4176	0.4456	0.4697	0.4939	Ave		0.4653				6.2		15.0			
1,2-Dichloropropane	0.3020 0.2788	0.2667	0.2813	0.2907	0.2991	Ave		0.2864				4.7		15.0			
1,4-Dioxane	0.0018 0.0022	0.0027	0.0026	0.0025	0.0027	Ave		0.0024				14.0		15.0			
Dibromomethane	0.1543 0.1381	0.1397	0.1407	0.1437	0.1488	Ave		0.1442				4.3		15.0			
Bromodichloromethane	0.3046 0.3148	0.2637	0.2860	0.3003	0.3231	Ave		0.2988				7.1		15.0			
2-Chloroethyl vinyl ether	0.1313 0.1525	0.1257	0.1385	0.1532	0.1607	Ave		0.1436				9.7		15.0			
cis-1,3-Dichloropropene	0.3251 0.3919	0.2965	0.3321	0.3637	0.3999	Ave		0.3516				12.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.1791 0.1906	0.1648	0.1923	0.1982	0.2064	Ave		0.1886				7.8		15.0			
Toluene	1.6910 1.6608	1.5176	1.6591	1.6661	1.7222	Ave		1.6528				4.3		15.0			
trans-1,3-Dichloropropene	0.2807 0.4064	0.2564	0.3448	0.3664	0.4130	Lin1	-0.106	0.4044							0.9980		0.9900
Ethyl methacrylate	0.2818 0.4116	0.2932	0.3499	0.3945	0.4289	Lin1	-0.098	0.4152							0.9980		0.9900
1,1,2-Trichloroethane	0.3295 0.2867	0.2880	0.2993	0.2988	0.3081	Ave		0.3017				5.2		15.0			
Tetrachloroethene	0.3367 0.3014	0.2977	0.3070	0.3056	0.3152	Ave		0.3106				4.5		15.0			
1,3-Dichloropropane	0.5746 0.5366	0.5421	0.5646	0.5623	0.5724	Ave		0.5587				2.8		15.0			
2-Hexanone	0.1435 0.1735	0.1405	0.1724	0.1779	0.1912	Ave		0.1665				12.0		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

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								
Dibromochloromethane	0.2234 0.2848	0.2156	0.2435	0.2556	0.2840	Ave		0.2511				12.0		15.0			
Ethylene Dibromide	0.2715 0.2728	0.2387	0.2727	0.2763	0.2918	Ave		0.2706				6.4		15.0			
Chlorobenzene	1.1256 1.0221	1.0108	1.0309	1.0375	1.0647	Ave		1.0486			0.3000	4.0		15.0			
1,1,1,2-Tetrachloroethane	0.2983 0.3166	0.2592	0.2864	0.3062	0.3265	Ave		0.2989				8.0		15.0			
Ethylbenzene	0.5492 0.5677	0.4933	0.5739	0.5785	0.5938	Ave		0.5594				6.3		15.0			
m-Xylene & p-Xylene	0.6455 0.7025	0.6239	0.6972	0.7141	0.7360	Ave		0.6865				6.2		15.0			
o-Xylene	0.5786 0.6916	0.5897	0.6815	0.6838	0.7241	Ave		0.6582				9.0		15.0			
Styrene	0.9660 1.1751	0.8740	1.1306	1.1653	1.2247	Ave		1.0893				13.0		15.0			
Bromoform	0.1181 0.1670	0.1210	0.1313	0.1435	0.1627	Ave		0.1406			0.1000	15.0		15.0			
Isopropylbenzene	1.5017 1.8260	1.4499	1.7366	1.7756	1.8628	Ave		1.6921				10.0		15.0			
1,1,2,2-Tetrachloroethane	0.6950 0.6150	0.6214	0.6388	0.6480	0.6592	Ave		0.6462			0.3000	4.5		15.0			
Bromobenzene	0.7933 0.7348	0.7347	0.7393	0.7702	0.7820	Ave		0.7591				3.4		15.0			
1,2,3-Trichloropropane	0.1994 0.1856	0.1996	0.2052	0.2100	0.2055	Ave		0.2009				4.2		15.0			
trans-1,4-Dichloro-2-butene	0.0947 0.1573	0.0934	0.1399	0.1450	0.1733	Lin1	-0.049	0.1613							0.9960		0.9900
N-Propylbenzene	0.7440 0.8386	0.7088	0.8435	0.8786	0.8764	Ave		0.8150				8.8		15.0			
2-Chlorotoluene	0.7321 0.6918	0.6298	0.7054	0.7212	0.7328	Ave		0.7022				5.5		15.0			
1,3,5-Trimethylbenzene	2.1163 2.5547	2.1163	2.4874	2.5708	2.6548	Ave		2.4167				9.9		15.0			
4-Chlorotoluene	0.7488 0.7268	0.7037	0.7654	0.7789	0.7730	Ave		0.7494				3.9		15.0			
tert-Butylbenzene	2.0046 2.2610	1.8475	2.2044	2.1855	2.2331	Ave		2.1227				7.6		15.0			
1,2,4-Trimethylbenzene	2.2723 2.6649	2.2125	2.6102	2.6993	2.7670	Ave		2.5377				9.3		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

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								
sec-Butylbenzene	2.7103 3.1203	2.6777	3.0321	3.0946	3.1747	Ave		2.9683				7.3		15.0			
1,3-Dichlorobenzene	1.5710 1.4581	1.5308	1.4940	1.5161	1.5379	Ave		1.5180				2.6		15.0			
4-Isopropyltoluene	2.1176 2.7442	2.1313	2.5534	2.7382	2.7850	Ave		2.5116				12.0		15.0			
1,4-Dichlorobenzene	1.7290 1.4706	1.5149	1.5450	1.5191	1.5606	Ave		1.5565				5.8		15.0			
n-Butylbenzene	2.0441 2.3102	1.8750	2.1397	2.2315	2.3946	Ave		2.1659				8.7		15.0			
1,2-Dichlorobenzene	1.5378 1.3835	1.3889	1.4748	1.4390	1.4617	Ave		1.4476				4.0		15.0			
1,2-Dibromo-3-Chloropropane	0.0515 0.0957	0.0825	0.0874	0.0906	0.1003	Lin1	-0.022	0.0969							0.9990		0.9900
1,2,4-Trichlorobenzene	0.9686 0.8904	0.8730	0.9004	0.9040	0.9610	Ave		0.9162				4.3		15.0			
Hexachlorobutadiene	0.5002 0.3327	0.4642	0.3914	0.3829	0.3767	Ave		0.4080				15.0		15.0			
Naphthalene	1.5564 1.9749	1.5991	1.8406	2.0003	2.1973	Ave		1.8614				13.0		15.0			
1,2,3-Trichlorobenzene	0.9501 0.7800	0.9014	0.8760	0.8737	0.8864	Ave		0.8779				6.3		15.0			
Dibromofluoromethane (Surr)	0.2732 0.2154	0.2210	0.2095	0.2185	0.2252	Ave		0.2271				10.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3509 0.2609	0.2943	0.2754	0.2722	0.2754	Ave		0.2882				11.0		15.0			
Toluene-d8 (Surr)	1.5501 1.3336	1.3126	1.3289	1.3206	1.3731	Ave		1.3698				6.6		15.0			
4-Bromofluorobenzene (Surr)	0.5806 0.4640	0.4587	0.4795	0.4707	0.4950	Ave		0.4914				9.3		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-121946/7	UXR1543.D
Level 2	STD8260 240-121946/6	UXR1542.D
Level 3	STD8260 240-121946/5	UXR1541.D
Level 4	STD8260 240-121946/4	UXR1540.D
Level 5	STD8260 240-121946/3	UXR1539.D
Level 6	STD8260 240-121946/2	UXR1538.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	22330 1709409	39793	199918	405569	814903	0.500 40.0	1.00	5.00	10.0	20.0
Chloromethane	FB	Ave	27753 1930752	48719	240420	460153	945892	0.500 40.0	1.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	27470 1826753	44142	227785	444887	889505	0.500 40.0	1.00	5.00	10.0	20.0
Butadiene	FB	Ave	26392 1715227	43669	213764	417655	828195	0.500 40.0	1.00	5.00	10.0	20.0
Bromomethane	FB	Ave	10504 640641	17601	87112	173547	353814	0.500 40.0	1.00	5.00	10.0	20.0
Chloroethane	FB	Ave	13864 812781	21351	108334	207788	414584	0.500 40.0	1.00	5.00	10.0	20.0
Dichlorofluoromethane	FB	Ave	25332 1962483	45119	242628	459759	974074	0.500 40.0	1.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	23655 1651662	41506	207500	410033	824255	0.500 40.0	1.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	16011 1116871	28295	147756	284325	583802	0.500 40.0	1.00	5.00	10.0	20.0
Acrolein	FB	Ave	8594 897709	18760	106920	223074	458081	2.50 200	5.00	25.0	50.0	100
1,1-Dichloroethene	FB	Ave	16016 1226462	27697	150843	297839	606100	0.500 40.0	1.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	12487 980066	22900	121197	244597	503347	0.500 40.0	1.00	5.00	10.0	20.0
Acetone	FB	Lin1	14881 622141	21708	90008	173106	329010	1.00 80.0	2.00	10.0	20.0	40.0
Iodomethane	FB	Ave	24621 1889040	42676	231184	464389	947715	0.500 40.0	1.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	43343 3861344	76090	425692	868860	1830413	0.500 40.0	1.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	8159 781009	15535	87740	179627	382922	0.500 40.0	1.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	53387 4210271	105108	545569	1088183	2170520	2.50 200	5.00	25.0	50.0	100
Methylene Chloride	FB	Ave	23670 1385364	38745	181825	352249	722815	0.500 40.0	1.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	11486 642263	17144	87739	178384	356278	5.00 400	10.0	50.0	100	200
Acrylonitrile	FB	Ave	57540 4514729	106460	583182	1150808	2338892	5.00 400	10.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	40329 3223556	74523	397050	805493	1636479	0.500 40.0	1.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	19080 1397548	32633	172730	349682	702074	0.500 40.0	1.00	5.00	10.0	20.0
Hexane	FB	Ave	4305 368426	8007	41735	89793	188523	0.500 40.0	1.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	30979 2480480	57313	314410	614783	1247294	0.500 40.0	1.00	5.00	10.0	20.0
Vinyl acetate	FB	Lin1	10501 1383317	22017	135220	306924	669650	0.480 38.4	0.960	4.80	9.60	19.2
2,2-Dichloropropane	FB	Ave	15382 1344660	27669	151742	318245	671739	0.500 40.0	1.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	FB	Ave	20530 1507444	36410	188244	369762	756585	0.500 40.0	1.00	5.00	10.0	20.0
2-Butanone	FB	Ave	12200 899751	23920	118916	246261	488288	1.00 80.0	2.00	10.0	20.0	40.0
Chlorobromomethane	FB	Ave	9020 672439	15131	83842	168552	345218	0.500 40.0	1.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	7291 609781	14394	76200	153393	309612	1.00 80.0	2.00	10.0	20.0	40.0
Chloroform	FB	Ave	29351 2263173	51891	278692	563610	1136616	0.500 40.0	1.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	20278 1743127	34631	203340	419715	856527	0.500 40.0	1.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	31078 2542669	56247	305695	633703	1275002	0.500 40.0	1.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	22858 1823652	41871	226889	450967	903132	0.500 40.0	1.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	17545 1492264	31108	167495	351794	725812	0.500 40.0	1.00	5.00	10.0	20.0
Isobutanol	CBZ	Ave	9687 716600	19326	100333	199305	393000	12.5 1000	25.0	125	250	500
Benzene	FB	Ave	84920 6007584	147558	741332	1484696	3004014	0.500 40.0	1.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

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-Dichloroethane	FB	Ave	23436 1654729	38979	212698	417518	846499	0.500 40.0	1.00	5.00	10.0	20.0
n-Heptane	FB	Ave	4092 339578	7937	38254	82618	174855	0.500 40.0	1.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	20007 1422386	34052	176296	353867	713232	0.500 40.0	1.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	29578 2394595	49990	277033	576286	1194263	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	18207 1408171	31929	174848	356631	723108	0.500 40.0	1.00	5.00	10.0	20.0
1,4-Dioxane	FB	Ave	2224 222815	6375	31914	61420	129840	10.0 800	20.0	100	200	400
Dibromomethane	FB	Ave	9299 697542	16723	87489	176318	359770	0.500 40.0	1.00	5.00	10.0	20.0
Bromodichloromethane	FB	Ave	18361 1590278	31569	177824	368408	781271	0.500 40.0	1.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	15826 1540836	30087	172179	375978	777181	1.00 80.0	2.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	19600 1979887	35497	206438	446268	967013	0.500 40.0	1.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	21595 1925924	39453	239128	486246	997881	1.00 80.0	2.00	10.0	20.0	40.0
Toluene	CBZ	Ave	76708 6251621	138722	769110	1561405	3124811	0.500 40.0	1.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	12735 1529791	23440	159845	343400	749431	0.500 40.0	1.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Lin1	12784 1549501	26798	162188	369757	778255	0.500 40.0	1.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	14947 1079263	26326	138735	280001	559091	0.500 40.0	1.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	15275 1134509	27209	142338	286436	572006	0.500 40.0	1.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	26066 2019744	49547	261743	526926	1038554	0.500 40.0	1.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	13017 1306280	25690	159828	333518	693737	1.00 80.0	2.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	10132 1072175	19704	112865	239561	515325	0.500 40.0	1.00	5.00	10.0	20.0
Ethylene Dibromide	CBZ	Ave	12314 1026744	21815	126407	258925	529457	0.500 40.0	1.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	51060 3847416	92393	477878	972282	1931957	0.500 40.0	1.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	13531 1191681	23695	132787	286980	592453	0.500 40.0	1.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	24912 2136874	45089	266047	542181	1077437	0.500 40.0	1.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	29282 2644239	57029	323180	669234	1335548	0.500 40.0	1.00	5.00	10.0	20.0
o-Xylene	CBZ	Ave	26246 2603315	53907	315929	640791	1313901	0.500 40.0	1.00	5.00	10.0	20.0
Styrene	CBZ	Ave	43822 4423063	79889	524095	1092046	2222113	0.500 40.0	1.00	5.00	10.0	20.0
Bromoform	CBZ	Ave	5356 628768	11064	60866	134486	295262	0.500 40.0	1.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	68122 6873119	132528	805033	1664053	3380102	0.500 40.0	1.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	17433 1355664	32337	171718	346372	700112	0.500 40.0	1.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	19900 1619763	38237	198751	411670	830592	0.500 40.0	1.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	5002 409166	10386	55156	112234	218270	0.500 40.0	1.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Lin1	2375 346719	4862	37621	77523	184023	0.500 40.0	1.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	18662 1848608	36886	226751	469623	930834	0.500 40.0	1.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	18364 1525060	32774	189639	385512	778353	0.500 40.0	1.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	53087 5631606	110137	668681	1374183	2819756	0.500 40.0	1.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	18782 1602146	36622	205749	416326	821015	0.500 40.0	1.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	50283 4984203	96146	592597	1168213	2371878	0.500 40.0	1.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	57000 5874419	115144	701683	1442836	2938927	0.500 40.0	1.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	67985 6878313	139351	815099	1654163	3372005	0.500 40.0	1.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	39408 3214192	79668	401633	810420	1633515	0.500 40.0	1.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	53119 6049291	110915	686428	1463657	2958068	0.500 40.0	1.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	43370 3241789	78840	415325	812002	1657557	0.500 40.0	1.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	51274 5092684	97581	575204	1192828	2543447	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	38574 3049845	72283	396469	769193	1552498	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	1292 210953	4295	23488	48410	106546	0.500 40.0	1.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	24297 1962759	45435	242057	483240	1020682	0.500 40.0	1.00	5.00	10.0	20.0
Hexachlorobutadiene	DCB	Ave	12548 733290	24156	105230	204651	400103	0.500 40.0	1.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	39042 4353397	83219	494797	1069212	2333793	0.500 40.0	1.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	23833 1719317	46909	235481	467046	941428	0.500 40.0	1.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	16468 1088068	26460	130247	268117	544536	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	21154 1317704	35234	171210	333918	665954	0.500 40.0	1.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	70314 5019672	119979	616047	1237575	2491493	0.500 40.0	1.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	26336 1746594	41929	222277	441115	898114	0.500 40.0	1.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1538.D
Lims ID: STD8260 L6 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 10-Mar-2014 13:22:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-002
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:19 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 12:39:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	92	1262871	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	84	941032	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	74	551097	10.0	
$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	59	1088068	37.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	1317704	36.2	
$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	92	5019672	38.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	90	1746594	37.8	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	88	1709409	40.0	
10 Chloromethane	50	1.826	1.826	0.0	89	1930752	38.2	
11 Vinyl chloride	62	1.957	1.957	0.0	84	1826753	38.0	
119 Butadiene	54	1.992	1.992	0.0	0	1715227	37.6	
12 Bromomethane	94	2.300	2.313	-0.013	90	640641	34.7	
13 Chloroethane	64	2.419	2.419	0.0	94	812781	35.6	
14 Dichlorofluoromethane	67	2.621	2.633	-0.012	83	1962483	39.6	
15 Trichlorofluoromethane	101	2.656	2.668	-0.012	88	1651662	37.8	
16 Ethyl ether	59	2.953	2.953	0.0	90	1116871	37.0	
18 Acrolein	56	3.083	3.095	-0.012	93	897709	209.0	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	1226462	39.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	85	980066	39.0	
21 Acetone	43	3.237	3.238	-0.001	97	622141	76.6	
22 Iodomethane	142	3.320	3.332	-0.012	96	1889040	39.3	
23 Carbon disulfide	76	3.380	3.392	-0.012	98	3861344	43.0	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	89	781009	42.9	
26 Methyl acetate	43	3.534	3.546	-0.012	97	4210271	190.2	
27 Methylene Chloride	84	3.640	3.641	-0.001	88	1385364	35.2	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	92	642263	341.0	
29 Acrylonitrile	53	3.866	3.878	-0.012	100	4514729	384.3	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	88	3223556	39.3	
31 trans-1,2-Dichloroethene	96	3.889	3.890	-0.001	96	1397548	38.6	
32 Hexane	86	4.115	4.115	0.0	89	368426	40.8	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	2480480	39.2	

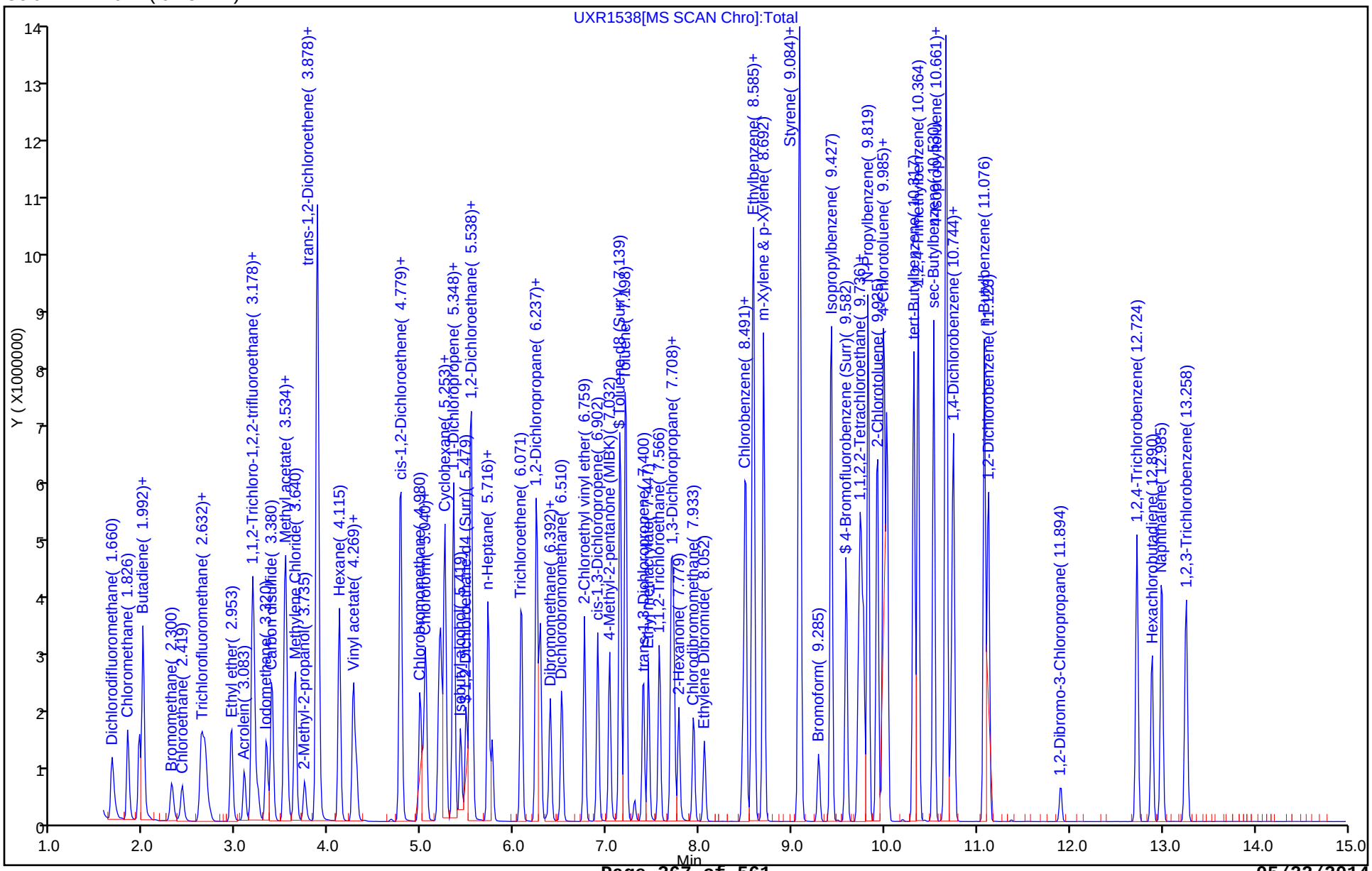
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.293	4.305	-0.012	97	1383317	38.9	
38 2,2-Dichloropropane	77	4.767	4.779	-0.012	62	1344660	41.7	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	70	1507444	38.5	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	93	899751	72.8	
44 Chlorobromomethane	128	4.980	4.993	-0.013	94	672439	38.8	
45 Tetrahydrofuran	42	5.016	5.028	-0.012	94	609781	78.6	
46 Chloroform	83	5.040	5.052	-0.012	79	2263173	39.2	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	90	1743127	41.5	
48 Cyclohexane	56	5.253	5.253	0.0	88	2542669	39.9	
50 Carbon tetrachloride	117	5.348	5.348	0.0	68	1492264	41.6	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	1823652	39.5	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	93	716600	905.8	
52 Benzene	78	5.526	5.538	-0.012	94	6007584	38.2	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	1654729	37.9	
55 n-Heptane	100	5.716	5.728	-0.012	91	339578	40.1	
57 Trichloroethene	130	6.083	6.084	-0.001	94	1422386	38.3	
59 Methylcyclohexane	83	6.237	6.238	-0.001	88	2394595	40.8	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	96	1408171	38.9	
63 1,4-Dioxane	88	6.392	6.392	0.0	39	222815	731.7	
62 Dibromomethane	93	6.392	6.392	0.0	90	697542	38.3	
64 Dichlorobromomethane	83	6.510	6.510	0.0	94	1590278	42.1	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	89	1540836	84.9	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	92	1979887	44.6	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	1925924	80.9	
69 Toluene	91	7.198	7.210	-0.012	98	6251621	40.2	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	86	1529791	40.5	
71 Ethyl methacrylate	69	7.447	7.447	0.0	87	1549501	39.9	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	84	1079263	38.0	
73 Tetrachloroethene	164	7.696	7.696	0.0	93	1134509	38.8	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	87	2019744	38.4	
76 2-Hexanone	43	7.779	7.779	0.0	95	1306280	83.4	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	89	1072175	45.4	
79 Ethylene Dibromide	107	8.052	8.052	0.0	98	1026744	40.3	
81 Chlorobenzene	112	8.502	8.503	-0.001	95	3847416	39.0	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	86	1191681	42.4	
83 Ethylbenzene	106	8.585	8.586	-0.001	98	2136874	40.6	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	100	2644239	40.9	
85 o-Xylene	106	9.072	9.072	0.0	95	2603315	42.0	
86 Styrene	104	9.084	9.084	0.0	93	4423063	43.2	
87 Bromoform	173	9.285	9.285	0.0	99	628768	47.5	
89 Isopropylbenzene	105	9.427	9.428	-0.001	94	6873119	43.2	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	80	1355664	38.1	
92 Bromobenzene	156	9.748	9.748	0.0	85	1619763	38.7	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	53	346719	39.3	
94 1,2,3-Trichloropropane	110	9.771	9.772	-0.001	69	409166	37.0	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	1848608	41.2	
96 2-Chlorotoluene	126	9.925	9.926	-0.001	96	1525060	39.4	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	5631606	42.3	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	97	1602146	38.8	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	4984203	42.6	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	85	5874419	42.0	
102 sec-Butylbenzene	105	10.530	10.531	0.0	93	6878313	42.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	97	3214192	38.4	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	97	6049291	43.7	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	95	3241789	37.8	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	5092684	42.7	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	3049845	38.2	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	85	210953	39.7	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	93	1962759	38.9	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	93	733290	32.6	
115 Naphthalene	128	12.997	12.985	0.012	100	4353397	42.4	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	1719317	35.5	
S 128 1,2-Dichloroethene, Total	96				0		77.1	
S 129 1,3-Dichloropropene, Total	75				0		85.1	
S 130 Xylenes, Total	106				0		83.0	
S 131 Trihalomethanes, Total	1				0		174.2	

Report Date: 11-Mar-2014 13:09:20 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1538.D				
Injection Date:	10-Mar-2014 13:22:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STD8260 L6	Lab Sample ID:		Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1539.D
Lims ID: STD8260 L5 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-Mar-2014 13:44:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-003
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:21 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	93	1208965	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	84	907241	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	62	531070	10.0	
$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	63	544536	19.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	665954	19.1	
$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	92	2491493	20.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	90	898114	20.1	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	88	814903	19.9	
10 Chloromethane	50	1.826	1.826	0.0	88	945892	19.5	
11 Vinyl chloride	62	1.957	1.957	0.0	83	889505	19.3	
119 Butadiene	54	1.992	1.992	0.0	0	828195	19.0	
12 Bromomethane	94	2.313	2.313	-0.001	90	353814	20.0	
13 Chloroethane	64	2.419	2.419	0.0	94	414584	19.0	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	83	974074	20.5	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	87	824255	19.7	
16 Ethyl ether	59	2.953	2.953	0.0	89	583802	20.2	
18 Acrolein	56	3.095	3.095	0.0	91	458081	111.4	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	606100	20.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	83	503347	20.9	
21 Acetone	43	3.237	3.238	-0.001	97	329010	41.9	
22 Iodomethane	142	3.332	3.332	0.0	96	947715	20.6	
23 Carbon disulfide	76	3.392	3.392	0.0	98	1830413	21.3	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	92	382922	22.0	
26 Methyl acetate	43	3.534	3.546	-0.012	97	2170520	102.4	
27 Methylene Chloride	84	3.641	3.641	0.0	88	722815	19.2	
28 2-Methyl-2-propanol	59	3.736	3.736	0.0	91	356278	197.6	
29 Acrylonitrile	53	3.866	3.878	-0.012	100	2338892	208.0	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	88	1636479	20.8	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	97	702074	20.3	
32 Hexane	86	4.115	4.115	0.0	89	188523	21.8	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	1247294	20.6	
34 Vinyl acetate	43	4.305	4.305	0.0	97	669650	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
38 2,2-Dichloropropane	77	4.779	4.779	0.0	62	671739	21.7	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	71	756585	20.2	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	94	488288	41.3	
44 Chlorobromomethane	128	4.993	4.993	0.0	91	345218	20.8	
45 Tetrahydrofuran	42	5.028	5.028	0.0	95	309612	41.7	
46 Chloroform	83	5.052	5.052	0.0	69	1136616	20.5	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	92	856527	21.3	
48 Cyclohexane	56	5.253	5.253	0.0	88	1275002	20.9	
50 Carbon tetrachloride	117	5.348	5.348	0.0	65	725812	21.2	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	95	903132	20.4	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	93	393000	515.3	
52 Benzene	78	5.538	5.538	0.0	93	3004014	19.9	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	846499	20.3	
55 n-Heptane	100	5.728	5.728	0.0	90	174855	21.6	
57 Trichloroethene	130	6.084	6.084	0.0	94	713232	20.1	
59 Methylcyclohexane	83	6.238	6.238	0.0	89	1194263	21.2	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	96	723108	20.9	
63 1,4-Dioxane	88	6.392	6.392	0.0	43	129840	445.4	
62 Dibromomethane	93	6.392	6.392	0.0	89	359770	20.6	
64 Dichlorobromomethane	83	6.510	6.510	0.0	94	781271	21.6	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	89	777181	44.8	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	92	967013	22.8	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	997881	43.8	
69 Toluene	91	7.198	7.210	-0.012	98	3124811	20.8	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	87	749431	20.7	
71 Ethyl methacrylate	69	7.447	7.447	0.0	87	778255	20.9	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	85	559091	20.4	
73 Tetrachloroethene	164	7.696	7.696	0.0	93	572006	20.3	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	88	1038554	20.5	
76 2-Hexanone	43	7.779	7.779	0.0	95	693737	45.9	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	89	515325	22.6	
79 Ethylene Dibromide	107	8.052	8.052	0.0	98	529457	21.6	
81 Chlorobenzene	112	8.503	8.503	0.0	95	1931957	20.3	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	85	592453	21.8	
83 Ethylbenzene	106	8.586	8.586	0.0	98	1077437	21.2	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	100	1335548	21.4	
85 o-Xylene	106	9.072	9.072	0.0	95	1313901	22.0	
86 Styrene	104	9.084	9.084	0.0	93	2222113	22.5	
87 Bromoform	173	9.285	9.285	0.0	98	295262	23.1	
89 Isopropylbenzene	105	9.428	9.428	0.0	95	3380102	22.0	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	66	700112	20.4	
92 Bromobenzene	156	9.748	9.748	0.0	85	830592	20.6	
93 trans-1,4-Dichloro-2-butene	53	9.772	9.772	0.0	58	184023	21.8	
94 1,2,3-Trichloropropane	110	9.772	9.772	0.0	65	218270	20.5	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	930834	21.5	
96 2-Chlorotoluene	126	9.926	9.926	0.0	96	778353	20.9	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	2819756	22.0	
98 4-Chlorotoluene	126	10.021	10.021	0.0	97	821015	20.6	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	2371878	21.0	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	95	2938927	21.8	
102 sec-Butylbenzene	105	10.530	10.531	0.0	93	3372005	21.4	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	97	1633515	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
104 4-Isopropyltoluene	119	10.673	10.673	0.0	97	2958068	22.2	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	95	1657557	20.1	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	2543447	22.1	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	1552498	20.2	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	82	106546	20.9	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	92	1020682	21.0	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	92	400103	18.5	
115 Naphthalene	128	12.985	12.985	0.0	100	2333793	23.6	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	98	941428	20.2	
S 128 1,2-Dichloroethene, Total	96				0		40.5	
S 129 1,3-Dichloropropene, Total	75				0		43.4	
S 130 Xylenes, Total	106				0		43.4	
S 131 Trihalomethanes, Total	1				0		87.9	

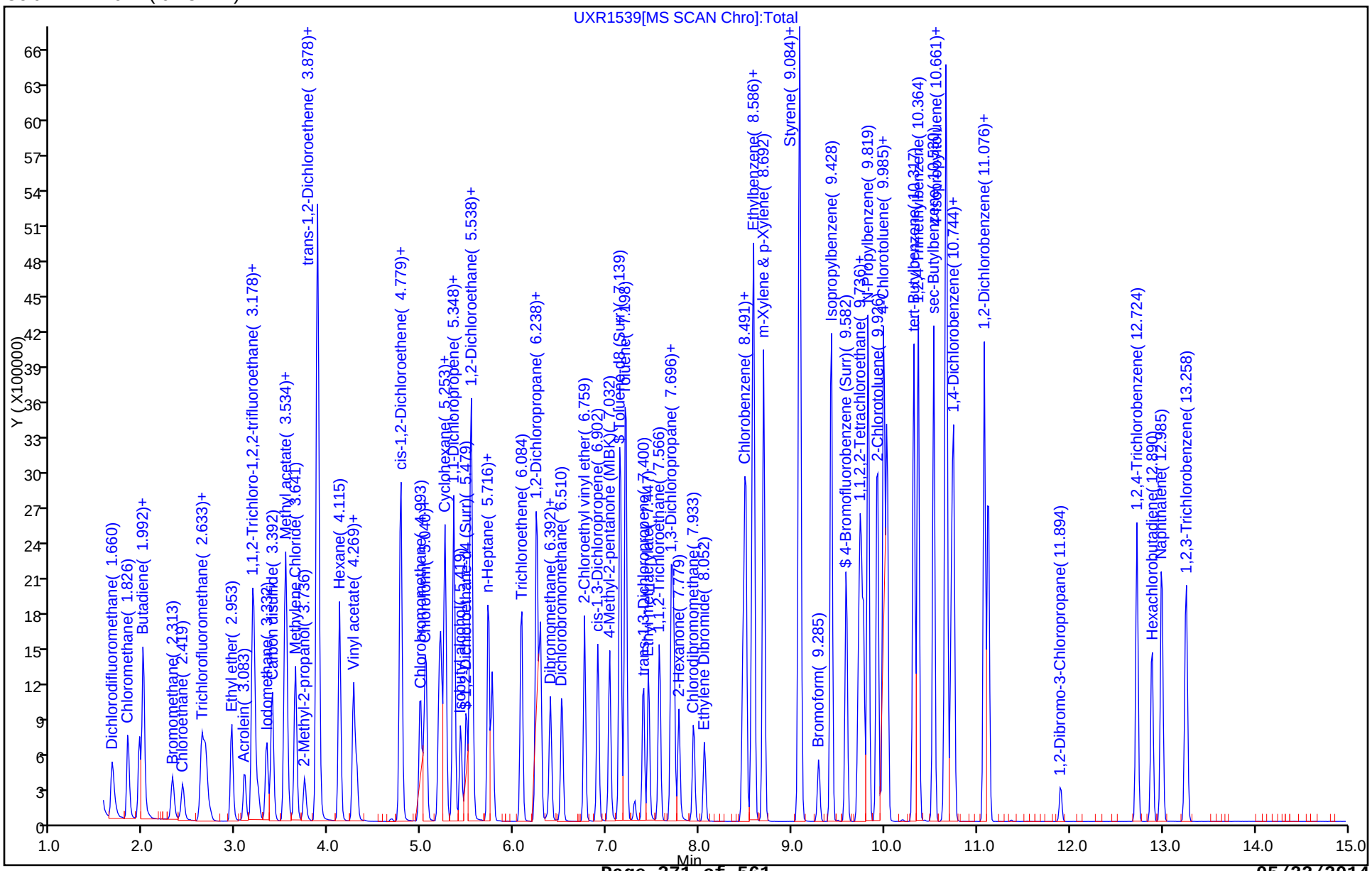
Report Date: 11-Mar-2014 13:09:22 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1539.D

Injection Date:	10-Mar-2014 13:44:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STD8260 L5	Lab Sample ID:		Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1540.D
Lims ID: STD8260 L4 Lab Sample ID:
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 10-Mar-2014 14:07:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-004
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:23 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: quayler Date: 11-Mar-2014 13:07:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	98	1226869	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	86	937162	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	74	534531	10.0	
$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	61	268117	9.62	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	333918	9.44	
$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	92	1237575	9.64	
$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	89	441115	9.58	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	87	405569	9.77	
10 Chloromethane	50	1.826	1.826	0.0	88	460153	9.37	
11 Vinyl chloride	62	1.957	1.957	0.0	84	444887	9.53	
119 Butadiene	54	1.992	1.992	0.0	0	417655	9.42	
12 Bromomethane	94	2.313	2.313	0.0	88	173547	9.69	
13 Chloroethane	64	2.419	2.419	0.0	94	207788	9.37	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	82	459759	9.55	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	88	410033	9.66	
16 Ethyl ether	59	2.953	2.953	0.0	90	284325	9.70	
18 Acrolein	56	3.095	3.095	0.0	91	223074	53.5	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	297839	9.87	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	83	244597	10.0	
21 Acetone	43	3.238	3.238	0.0	96	173106	21.2	
22 Iodomethane	142	3.332	3.332	0.0	96	464389	9.96	
23 Carbon disulfide	76	3.392	3.392	0.0	99	868860	9.95	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	88	179627	10.1	
26 Methyl acetate	43	3.546	3.546	0.0	97	1088183	50.6	
27 Methylene Chloride	84	3.641	3.641	0.0	88	352249	9.22	
28 2-Methyl-2-propanol	59	3.736	3.736	0.0	90	178384	97.5	
29 Acrylonitrile	53	3.878	3.878	0.0	100	1150808	100.8	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	89	805493	10.1	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	94	349682	9.95	
32 Hexane	86	4.115	4.115	0.0	89	89793	10.2	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	614783	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	97	306924	9.10	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	61	318245	10.1	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	71	369762	9.72	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	93	246261	20.5	
44 Chlorobromomethane	128	4.993	4.993	0.0	94	168552	10.0	
45 Tetrahydrofuran	42	5.028	5.028	0.0	92	153393	20.3	
46 Chloroform	83	5.052	5.052	0.0	69	563610	10.0	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	90	419715	10.3	
48 Cyclohexane	56	5.253	5.253	0.0	88	633703	10.2	
50 Carbon tetrachloride	117	5.348	5.348	0.0	63	351794	10.1	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	450967	10.0	
51 Isobutyl alcohol	41	5.420	5.420	0.0	92	199305	253.0	
52 Benzene	78	5.538	5.538	0.0	94	1484696	9.71	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	417518	9.84	
55 n-Heptane	100	5.728	5.728	0.0	89	82618	10.0	
57 Trichloroethene	130	6.084	6.084	0.0	94	353867	9.81	
59 Methylcyclohexane	83	6.238	6.238	0.0	90	576286	10.1	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	96	356631	10.1	
63 1,4-Dioxane	88	6.392	6.392	0.0	43	61420	207.6	
62 Dibromomethane	93	6.392	6.392	0.0	90	176318	9.97	
64 Dichlorobromomethane	83	6.510	6.510	0.0	93	368408	10.1	
66 2-Chloroethyl vinyl ether	63	6.760	6.760	0.0	90	375978	21.3	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	91	446268	10.3	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	486246	21.0	
69 Toluene	91	7.210	7.210	0.0	98	1561405	10.1	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	87	343400	9.32	
71 Ethyl methacrylate	69	7.447	7.447	0.0	87	369757	9.74	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	85	280001	9.90	
73 Tetrachloroethene	164	7.696	7.696	0.0	92	286436	9.84	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	89	526926	10.1	
76 2-Hexanone	43	7.779	7.779	0.0	95	333518	21.4	
78 Chlorodibromomethane	129	7.934	7.934	0.0	90	239561	10.2	
79 Ethylene Dibromide	107	8.052	8.052	0.0	98	258925	10.2	
81 Chlorobenzene	112	8.503	8.503	0.0	95	972282	9.89	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	84	286980	10.2	
83 Ethylbenzene	106	8.586	8.586	0.0	98	542181	10.3	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	99	669234	10.4	
85 o-Xylene	106	9.072	9.072	0.0	94	640791	10.4	
86 Styrene	104	9.084	9.084	0.0	92	1092046	10.7	
87 Bromoform	173	9.285	9.285	0.0	97	134486	10.2	
89 Isopropylbenzene	105	9.428	9.428	0.0	95	1664053	10.5	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	78	346372	10.0	
92 Bromobenzene	156	9.748	9.748	0.0	86	411670	10.1	
93 trans-1,4-Dichloro-2-butene	53	9.772	9.772	0.0	50	77523	9.29	
94 1,2,3-Trichloropropane	110	9.772	9.772	0.0	68	112234	10.5	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	469623	10.8	
96 2-Chlorotoluene	126	9.926	9.926	0.0	96	385512	10.3	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	1374183	10.6	
98 4-Chlorotoluene	126	10.021	10.021	0.0	98	416326	10.4	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	1168213	10.3	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	95	1442836	10.6	
102 sec-Butylbenzene	105	10.531	10.531	0.0	94	1654163	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	98	810420	9.99	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	92	1463657	10.9	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	94	812002	9.76	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	1192828	10.3	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	769193	9.94	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	74	48410	9.57	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	94	483240	9.87	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	92	204651	9.38	
115 Naphthalene	128	12.985	12.985	0.0	100	1069212	10.7	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	467046	9.95	
S 128 1,2-Dichloroethene, Total	96				0		19.7	
S 129 1,3-Dichloropropene, Total	75				0		19.7	
S 130 Xylenes, Total	106				0		20.8	
S 131 Trihalomethanes, Total	1				0		40.5	

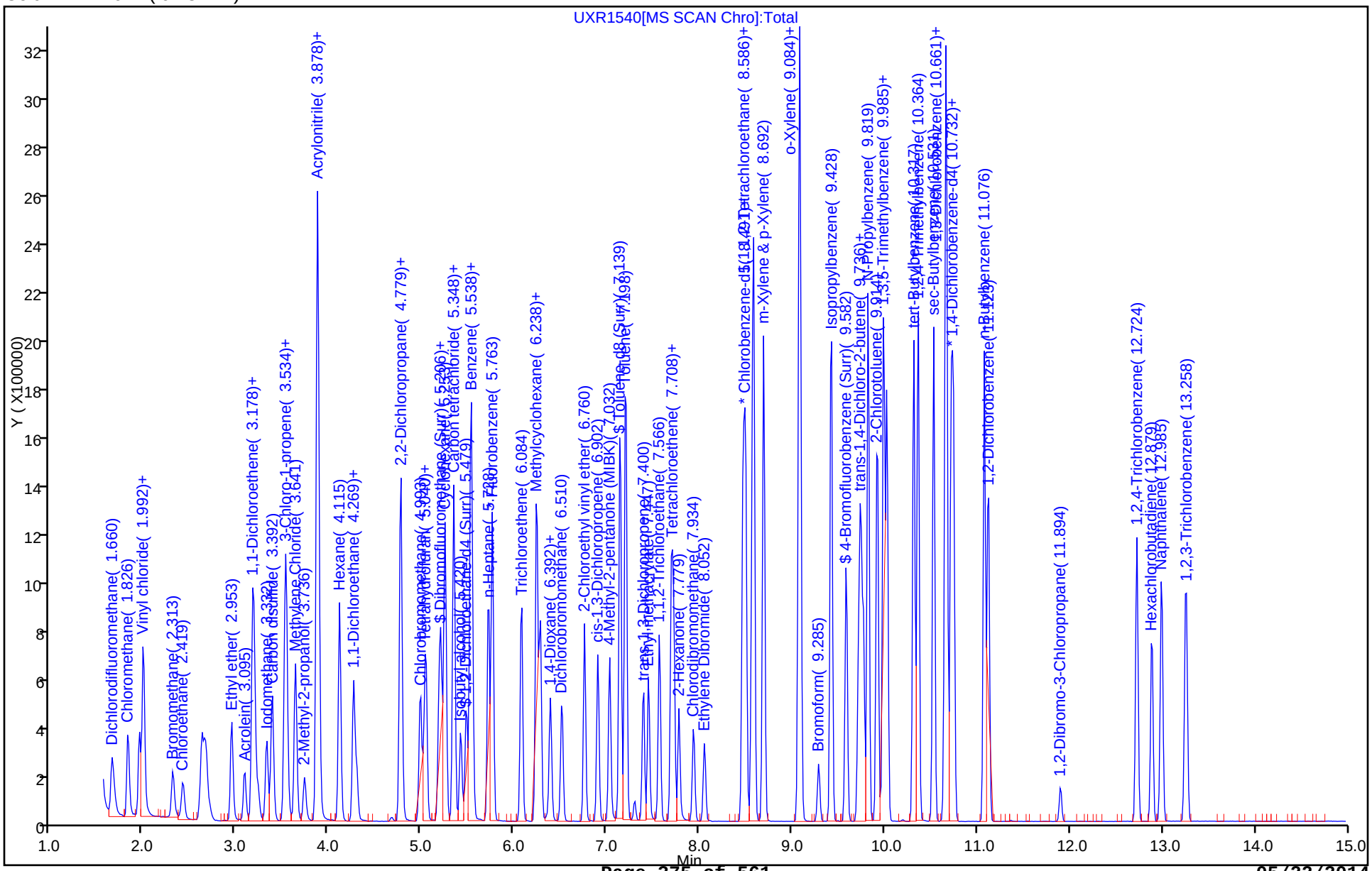
Report Date: 11-Mar-2014 13:09:24 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1540.D

Injection Date:	10-Mar-2014 14:07:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STD8260 L4	Lab Sample ID:		Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1541.D
Lims ID: STD8260 L3 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-Mar-2014 14:30:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-005
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:25 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	98	1243330	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	927145	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	92	537649	10.0	
$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	57	130247	4.61	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	171210	4.78	
$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	93	616047	4.85	
$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	88	222277	4.88	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	86	199918	4.75	
10 Chloromethane	50	1.826	1.826	0.0	89	240420	4.83	
11 Vinyl chloride	62	1.945	1.957	-0.012	82	227785	4.81	
119 Butadiene	54	1.992	1.992	0.0	0	213764	4.76	
12 Bromomethane	94	2.312	2.313	-0.001	87	87112	4.80	
13 Chloroethane	64	2.419	2.419	0.0	91	108334	4.82	
14 Dichlorofluoromethane	67	2.621	2.633	-0.012	81	242628	4.98	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	87	207500	4.83	
16 Ethyl ether	59	2.953	2.953	0.0	87	147756	4.97	
18 Acrolein	56	3.083	3.095	-0.012	92	106920	25.3	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	98	150843	4.93	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	83	121197	4.89	
21 Acetone	43	3.237	3.238	-0.001	96	90008	10.4	
22 Iodomethane	142	3.332	3.332	0.0	95	231184	4.89	
23 Carbon disulfide	76	3.391	3.392	-0.001	98	425692	4.81	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	91	87740	4.89	
26 Methyl acetate	43	3.534	3.546	-0.012	97	545569	25.0	
27 Methylene Chloride	84	3.640	3.641	-0.001	87	181825	4.69	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	91	87739	47.3	
29 Acrylonitrile	53	3.866	3.878	-0.012	100	583182	50.4	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	88	397050	4.91	
31 trans-1,2-Dichloroethene	96	3.889	3.890	-0.001	94	172730	4.85	
32 Hexane	86	4.115	4.115	0.0	90	41735	4.69	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	84	314410	5.05	
34 Vinyl acetate	43	4.305	4.305	0.0	96	135220	4.11	

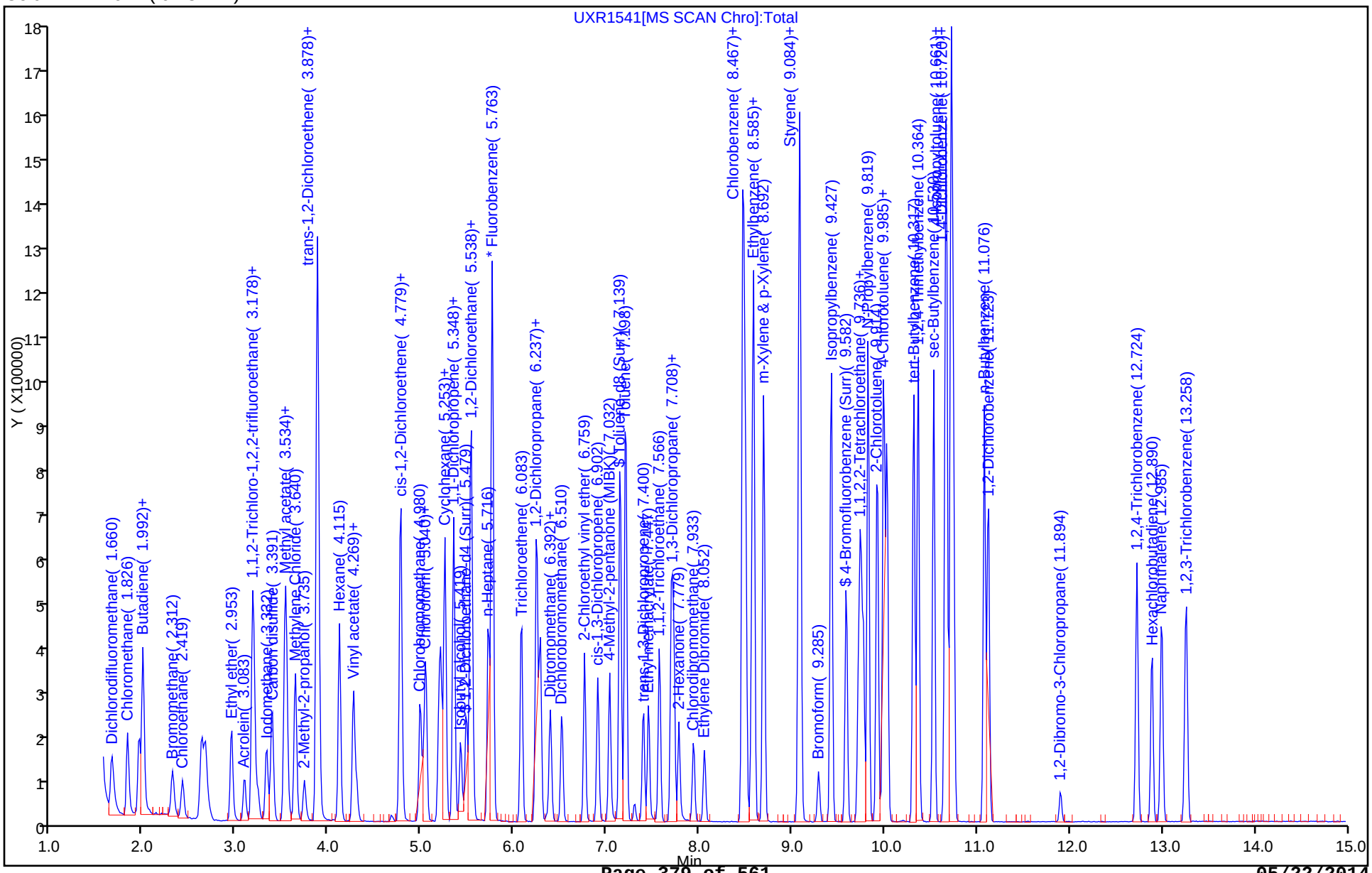
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
38 2,2-Dichloropropane	77	4.767	4.779	-0.012	61	151742	4.77	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	69	188244	4.88	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	94	118916	9.77	
44 Chlorobromomethane	128	4.980	4.993	-0.013	92	83842	4.91	
45 Tetrahydrofuran	42	5.016	5.028	-0.012	95	76200	9.97	
46 Chloroform	83	5.040	5.052	-0.012	79	278692	4.90	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	89	203340	4.92	
48 Cyclohexane	56	5.253	5.253	0.0	88	305695	4.88	
50 Carbon tetrachloride	117	5.348	5.348	0.0	63	167495	4.75	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	226889	4.99	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	92	100333	128.7	
52 Benzene	78	5.538	5.538	0.0	93	741332	4.79	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	212698	4.95	
55 n-Heptane	100	5.728	5.728	0.0	89	38254	4.59	
57 Trichloroethene	130	6.083	6.084	-0.001	93	176296	4.82	
59 Methylcyclohexane	83	6.237	6.238	-0.001	89	277033	4.79	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	94	174848	4.91	
63 1,4-Dioxane	88	6.392	6.392	0.0	38	31914	106.5	
62 Dibromomethane	93	6.392	6.392	0.0	88	87489	4.88	
64 Dichlorobromomethane	83	6.510	6.510	0.0	92	177824	4.79	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	90	172179	9.64	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	88	206438	4.72	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	239128	10.2	
69 Toluene	91	7.198	7.210	-0.012	97	769110	5.02	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	86	159845	4.53	
71 Ethyl methacrylate	69	7.447	7.447	0.0	85	162188	4.45	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	86	138735	4.96	
73 Tetrachloroethene	164	7.696	7.696	0.0	92	142338	4.94	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	89	261743	5.05	
76 2-Hexanone	43	7.779	7.779	0.0	94	159828	10.4	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	86	112865	4.85	
79 Ethylene Dibromide	107	8.052	8.052	0.0	95	126407	5.04	
81 Chlorobenzene	112	8.502	8.503	-0.001	95	477878	4.92	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	83	132787	4.79	
83 Ethylbenzene	106	8.585	8.586	-0.001	98	266047	5.13	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	99	323180	5.08	
85 o-Xylene	106	9.072	9.072	0.0	95	315929	5.18	
86 Styrene	104	9.084	9.084	0.0	91	524095	5.19	
87 Bromoform	173	9.285	9.285	0.0	96	60866	4.67	
89 Isopropylbenzene	105	9.427	9.428	-0.001	95	805033	5.13	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	82	171718	4.94	
92 Bromobenzene	156	9.748	9.748	0.0	87	198751	4.87	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	49	37621	4.64	
94 1,2,3-Trichloropropane	110	9.771	9.772	-0.001	67	55156	5.11	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	226751	5.18	
96 2-Chlorotoluene	126	9.925	9.926	-0.001	96	189639	5.02	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	668681	5.15	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	98	205749	5.11	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	592597	5.19	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	70	701683	5.14	
102 sec-Butylbenzene	105	10.530	10.531	0.0	93	815099	5.11	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	98	401633	4.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
104 4-Isopropyltoluene	119	10.673	10.673	0.0	91	686428	5.08	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	94	415325	4.96	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	575204	4.94	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	396469	5.09	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	62	23488	4.73	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	90	242057	4.91	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	88	105230	4.80	
115 Naphthalene	128	12.997	12.985	0.012	100	494797	4.94	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	235481	4.99	
S 128 1,2-Dichloroethene, Total	96				0		9.73	
S 129 1,3-Dichloropropene, Total	75				0		9.25	
S 130 Xylenes, Total	106				0		10.3	
S 131 Trihalomethanes, Total	1				0		19.2	

Report Date: 11-Mar-2014 13:09:26 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1541.D				
Injection Date:	10-Mar-2014 14:30:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STD8260 L3	Lab Sample ID:		Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1542.D
Lims ID: STD8260 L2 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Mar-2014 14:52:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-006
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:27 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:28:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1197145	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	914066	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	520422	10.0	
$ 4 Dibromofluoromethane (Surr)	113	5.194	5.182	0.012	49	26460	0.9731	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	35234	1.02	
$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	86	119979	0.9582	
$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	81	41929	0.9335	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	72	39793	0.9823	
10 Chloromethane	50	1.826	1.826	0.0	85	48719	1.02	
11 Vinyl chloride	62	1.945	1.957	-0.012	71	44142	0.9691	
119 Butadiene	54	1.992	1.992	0.0	0	43669	1.01	
12 Bromomethane	94	2.312	2.313	-0.001	80	17601	1.01	
13 Chloroethane	64	2.419	2.419	0.0	67	21351	0.9869	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	72	45119	0.9608	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	75	41506	1.00	
16 Ethyl ether	59	2.953	2.953	0.0	72	28295	0.9890	
18 Acrolein	56	3.095	3.095	0.0	69	18760	4.61	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	92	27697	0.9405	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	74	22900	0.9605	
21 Acetone	43	3.237	3.238	-0.001	89	21708	1.87	
22 Iodomethane	142	3.332	3.332	0.0	95	42676	0.9376	
23 Carbon disulfide	76	3.392	3.392	0.0	97	76090	0.8933	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	84	15535	0.8995	
26 Methyl acetate	43	3.546	3.546	0.0	97	105108	5.01	
27 Methylene Chloride	84	3.641	3.641	0.0	89	38745	1.04	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	83	17144	9.60	
29 Acrylonitrile	53	3.878	3.878	0.0	99	106460	9.56	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	82	74523	0.9573	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	89	32633	0.9515	
32 Hexane	86	4.115	4.115	0.0	86	8007	0.9343	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	68	57313	0.9555	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	88	22017	0.9162	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	55	27669	0.9041	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	76	36410	0.9810	
40 2-Butanone (MEK)	43	4.791	4.779	0.012	89	23920	2.04	
44 Chlorobromomethane	128	4.992	4.993	-0.001	75	15131	0.9202	
45 Tetrahydrofuran	42	5.028	5.028	0.0	72	14394	1.96	
46 Chloroform	83	5.040	5.052	-0.012	77	51891	0.9471	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	82	34631	0.8704	
48 Cyclohexane	56	5.253	5.253	0.0	87	56247	0.9321	
50 Carbon tetrachloride	117	5.348	5.348	0.0	59	31108	0.9157	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	89	41871	0.9556	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	65	19326	25.1	
52 Benzene	78	5.526	5.538	-0.012	93	147558	0.9893	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	78	38979	0.9417	
55 n-Heptane	100	5.716	5.728	-0.012	85	7937	0.9881	
57 Trichloroethene	130	6.083	6.084	-0.001	82	34052	0.9670	
59 Methylcyclohexane	83	6.238	6.238	0.0	83	49990	0.8975	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	82	31929	0.9312	
63 1,4-Dioxane	88	6.392	6.392	0.0	12	6375	22.1	
62 Dibromomethane	93	6.392	6.392	0.0	81	16723	0.9686	
64 Dichlorobromomethane	83	6.510	6.510	0.0	80	31569	0.8827	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	74	30087	1.75	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	64	35497	0.8434	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	86	39453	1.75	
69 Toluene	91	7.210	7.210	0.0	94	138722	0.9182	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	64	23440	0.8969	
71 Ethyl methacrylate	69	7.447	7.447	0.0	69	26798	0.9424	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	78	26326	0.9545	
73 Tetrachloroethene	164	7.696	7.696	0.0	86	27209	0.9583	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	79	49547	0.9701	
76 2-Hexanone	43	7.779	7.779	0.0	92	25690	1.69	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	61	19704	0.8583	
79 Ethylene Dibromide	107	8.052	8.052	0.0	79	21815	0.8819	
81 Chlorobenzene	112	8.503	8.503	0.0	90	92393	0.9639	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	81	23695	0.8673	
83 Ethylbenzene	106	8.586	8.586	0.0	96	45089	0.8818	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	99	57029	0.9088	
85 o-Xylene	106	9.072	9.072	0.0	95	53907	0.8960	
86 Styrene	104	9.096	9.084	0.012	89	79889	0.8024	
87 Bromoform	173	9.285	9.285	0.0	78	11064	0.8608	
89 Isopropylbenzene	105	9.428	9.428	0.0	92	132528	0.8568	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	67	32337	0.9616	
92 Bromobenzene	156	9.736	9.748	-0.012	90	38237	0.9680	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	9	4862	0.8808	
94 1,2,3-Trichloropropane	110	9.771	9.772	-0.001	34	10386	0.99	
95 N-Propylbenzene	120	9.819	9.819	0.0	95	36886	0.8697	
96 2-Chlorotoluene	126	9.926	9.926	0.0	93	32774	0.8968	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	70	110137	0.8757	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	92	36622	0.9390	
99 tert-Butylbenzene	119	10.317	10.317	0.0	85	96146	0.8703	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	87	115144	0.8719	
102 sec-Butylbenzene	105	10.530	10.531	0.0	84	139351	0.9021	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	92	79668	1.01	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	84	110915	0.8486	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	81	78840	0.9733	
108 n-Butylbenzene	91	11.076	11.076	0.0	88	97581	0.8657	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	91	72283	0.9595	
111 1,2-Dibromo-3-Chloropropane	157	11.894	11.906	-0.012	10	4295	1.08	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	78	45435	0.9528	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	72	24156	1.14	
115 Naphthalene	128	12.985	12.985	0.0	100	83219	0.8591	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	94	46909	1.03	
S 128 1,2-Dichloroethene, Total	96				0		1.93	
S 129 1,3-Dichloropropene, Total	75				0		1.74	
S 130 Xylenes, Total	106				0		1.80	
S 131 Trihalomethanes, Total	1				0		3.55	

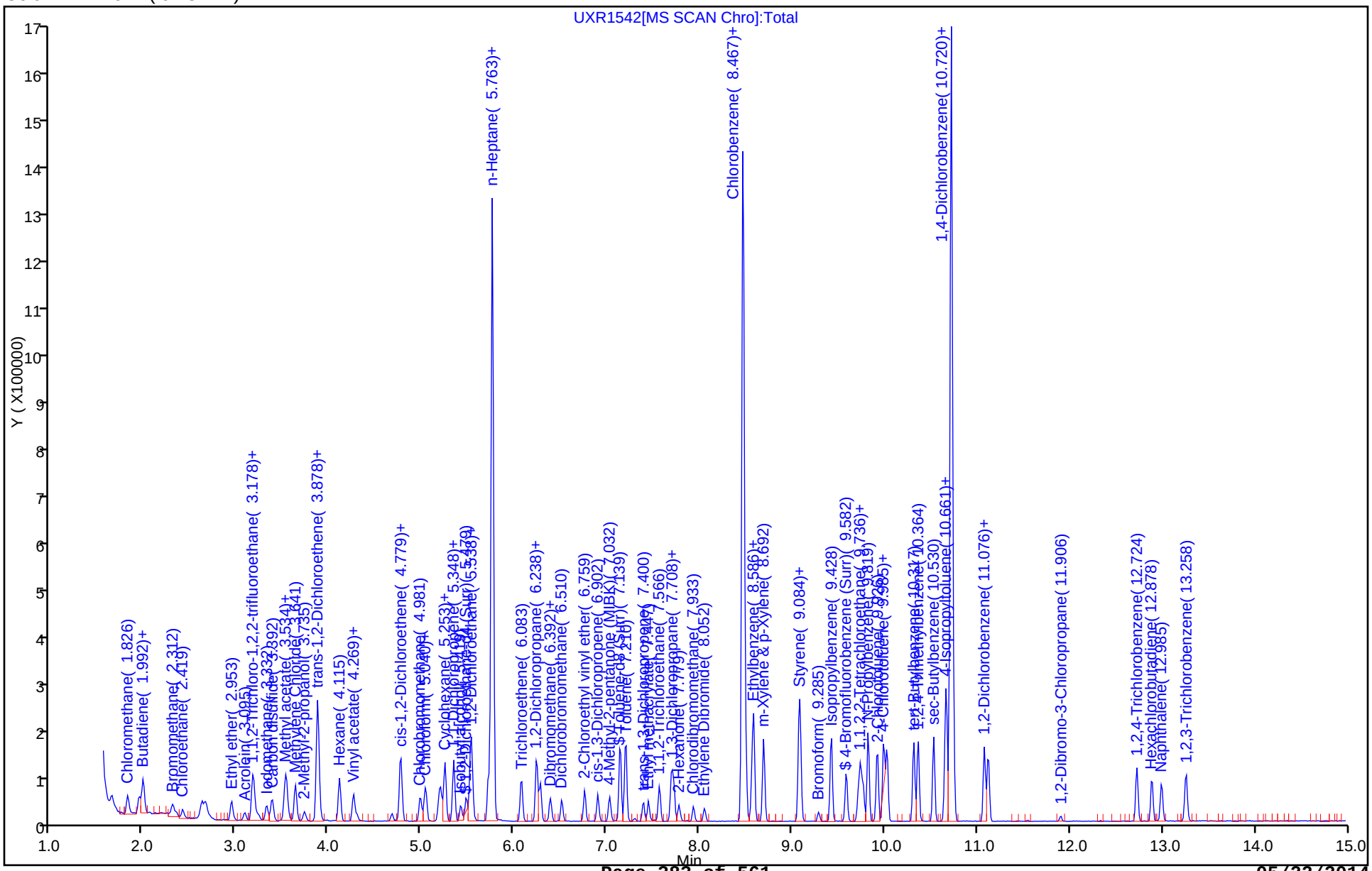
Report Date: 11-Mar-2014 13:09:28 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1542.D

Injection Date:	10-Mar-2014 14:52:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STD8260 L2	Lab Sample ID:		Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1543.D
Lims ID: STD8260 L1 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Mar-2014 15:15:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-007
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:29 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 10-Mar-2014 16:32:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1205666	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	86	907243	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	93	501688	10.0	
$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	46	16468	0.6013	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.491	5.479	0.012	0	21154	0.6088	
$ 6 Toluene-d8 (Surr)	98	7.151	7.139	0.012	73	70314	0.5658	
$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	71	26336	0.5907	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	58	22330	0.5473	
10 Chloromethane	50	1.826	1.826	0.0	83	27753	0.5749	
11 Vinyl chloride	62	1.957	1.957	0.0	56	27470	0.5988	
119 Butadiene	54	2.004	1.992	0.012	0	26392	0.6056	
12 Bromomethane	94	2.324	2.313	0.011	67	10504	0.5967	
13 Chloroethane	64	2.431	2.419	0.012	44	13864	0.6363	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	73	25332	0.5357	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	71	23655	0.5673	
16 Ethyl ether	59	2.953	2.953	0.0	78	16011	0.5557	
18 Acrolein	56	3.095	3.095	0.0	50	8594	2.10	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	76	16016	0.5400	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	54	12487	0.5200	
21 Acetone	43	3.238	3.238	0.0	67	14881	0.9566	
22 Iodomethane	142	3.332	3.332	0.0	89	24621	0.5371	
23 Carbon disulfide	76	3.392	3.392	0.0	94	43343	0.5053	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	79	8159	0.4691	
26 Methyl acetate	43	3.546	3.546	0.0	94	53387	2.53	
27 Methylene Chloride	84	3.641	3.641	0.0	74	23670	0.6302	
28 2-Methyl-2-propanol	59	3.736	3.736	0.0	75	11486	6.39	
29 Acrylonitrile	53	3.878	3.878	0.0	99	57540	5.13	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	77	40329	0.5144	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	84	19080	0.5524	
32 Hexane	86	4.115	4.115	0.0	88	4305	0.4988	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	58	30979	0.5128	

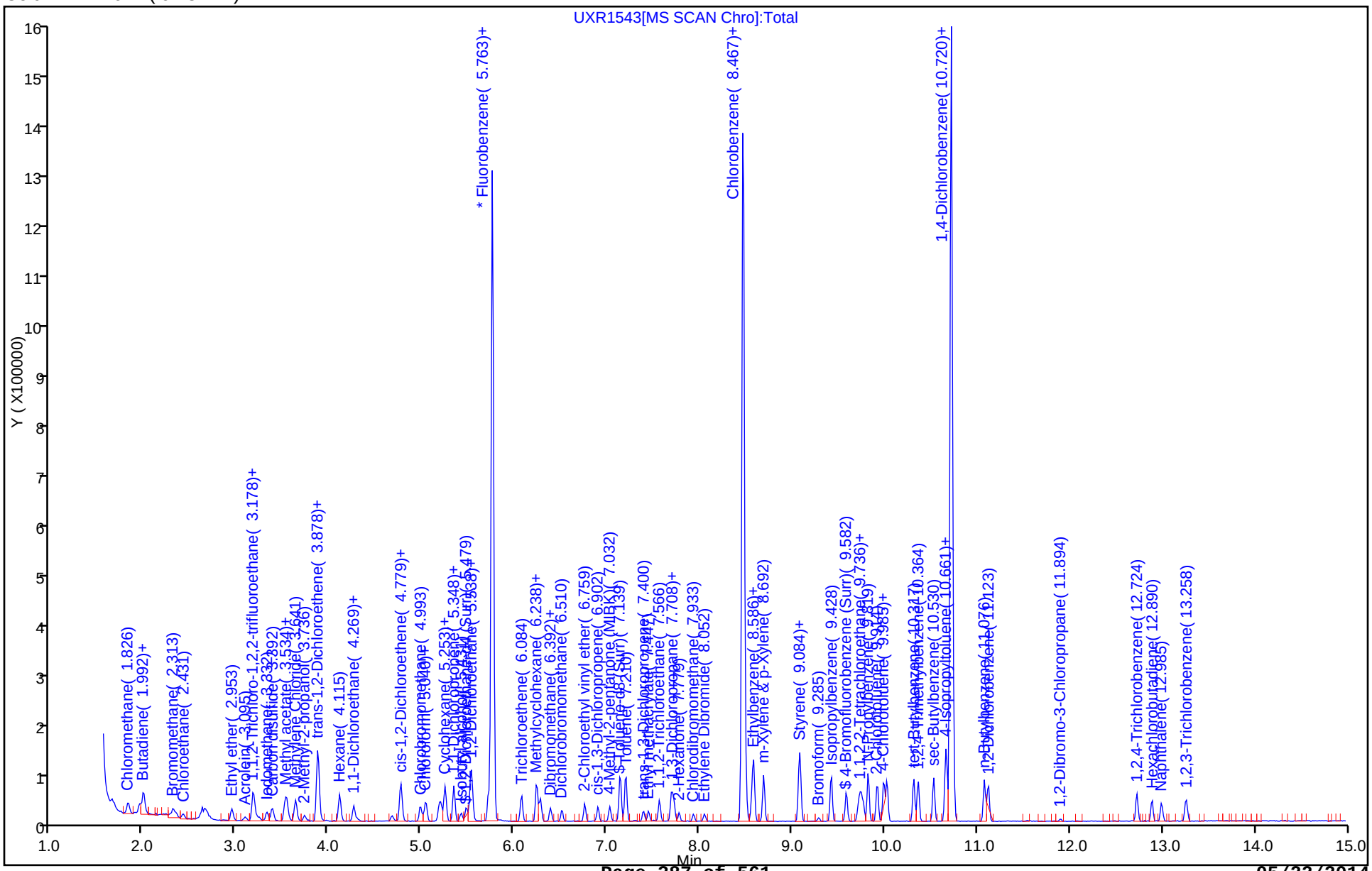
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	61	10501	0.5744	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	51	15382	0.4991	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	51	20530	0.5492	
40 2-Butanone (MEK)	43	4.791	4.779	0.012	62	12200	1.03	
44 Chlorobromomethane	128	4.993	4.993	0.0	70	9020	0.5447	
45 Tetrahydrofuran	42	5.028	5.028	0.0	69	7291	0.9839	
46 Chloroform	83	5.052	5.052	0.0	51	29351	0.5319	
47 1,1,1-Trichloroethane	97	5.218	5.206	0.012	70	20278	0.5060	
48 Cyclohexane	56	5.253	5.253	0.0	84	31078	0.5114	
50 Carbon tetrachloride	117	5.348	5.348	0.0	49	17545	0.5128	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	83	22858	0.5180	
51 Isobutyl alcohol	41	5.431	5.420	0.011	64	9687	12.7	
52 Benzene	78	5.538	5.538	0.0	93	84920	0.5653	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	70	23436	0.5622	
55 n-Heptane	100	5.716	5.728	-0.012	82	4092	0.5058	
57 Trichloroethene	130	6.084	6.084	0.0	75	20007	0.5641	
59 Methylcyclohexane	83	6.238	6.238	0.0	74	29578	0.5273	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	69	18207	0.5272	
63 1,4-Dioxane	88	6.392	6.392	0.0	1	2224	7.65	
62 Dibromomethane	93	6.392	6.392	0.0	77	9299	0.5348	
64 Dichlorobromomethane	83	6.510	6.510	0.0	59	18361	0.5097	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	65	15826	0.9138	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	49	19600	0.4624	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	82	21595	0.9499	
69 Toluene	91	7.210	7.210	0.0	93	76708	0.5116	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	50	12735	0.6099	
71 Ethyl methacrylate	69	7.447	7.447	0.0	57	12784	0.5757	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	71	14947	0.5460	
73 Tetrachloroethene	164	7.696	7.696	0.0	86	15275	0.5420	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	66	26066	0.5142	
76 2-Hexanone	43	7.779	7.779	0.0	76	13017	0.8617	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	33	10132	0.4447	
79 Ethylene Dibromide	107	8.052	8.052	0.0	49	12314	0.5016	
81 Chlorobenzene	112	8.503	8.503	0.0	89	51060	0.5367	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	68	13531	0.4990	
83 Ethylbenzene	106	8.586	8.586	0.0	90	24912	0.4909	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	93	29282	0.4701	
85 o-Xylene	106	9.072	9.072	0.0	87	26246	0.4395	
86 Styrene	104	9.096	9.084	0.012	86	43822	0.4434	
87 Bromoform	173	9.285	9.285	0.0	23	5356	0.4198	
89 Isopropylbenzene	105	9.428	9.428	0.0	82	68122	0.4437	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	51	17433	0.5377	
92 Bromobenzene	156	9.748	9.748	0.0	78	19900	0.5226	
93 trans-1,4-Dichloro-2-butene	53	9.772	9.772	0.0	1	2375	0.5950	
94 1,2,3-Trichloropropane	110	9.772	9.772	0.0	29	5002	0.4964	
95 N-Propylbenzene	120	9.819	9.819	0.0	92	18662	0.4564	
96 2-Chlorotoluene	126	9.914	9.926	-0.012	87	18364	0.5213	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	70	53087	0.4379	
98 4-Chlorotoluene	126	10.021	10.021	0.0	82	18782	0.4996	
99 tert-Butylbenzene	119	10.317	10.317	0.0	75	50283	0.4722	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	71	57000	0.4477	
102 sec-Butylbenzene	105	10.530	10.531	0.0	70	67985	0.4565	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	88	39408	0.5175	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	79	53119	0.4216	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	75	43370	0.5554	
108 n-Butylbenzene	91	11.076	11.076	0.0	81	51274	0.4719	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	82	38574	0.5311	
111 1,2-Dibromo-3-Chloropropane	157	11.894	11.906	-0.012	1	1292	0.4908	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	50	24297	0.5286	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	40	12548	0.6130	
115 Naphthalene	128	12.985	12.985	0.0	90	39042	0.4181	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	68	23833	0.5411	
S 128 1,2-Dichloroethene, Total	96				0		1.10	
S 129 1,3-Dichloropropene, Total	75				0		1.07	
S 130 Xylenes, Total	106				0		0.9096	
S 131 Trihalomethanes, Total	1				0		1.91	

Report Date: 11-Mar-2014 13:09:29 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1543.D				
Injection Date:	10-Mar-2014 15:15:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STD8260 L1	Lab Sample ID:		Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-121946/13	UXR1550.D
Level 2	STDA9 240-121946/12	UXR1548.D
Level 3	STDA9 240-121946/11	UXR1547.D
Level 4	STDA9 240-121946/10	UXR1546.D
Level 5	STDA9 240-121946/9	UXR1545.D
Level 6	STDA9 240-121946/8	UXR1544.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								
Acetonitrile	0.0359 0.0349	0.0361	0.0345	0.0338	0.0350	Ave		0.0350				2.5		15.0			
Isopropyl ether	0.2345 0.2701	0.2243	0.2393	0.2460	0.2621	Ave		0.2461				7.0		15.0			
Chloroprene	0.3556 0.4842	0.4197	0.4295	0.4330	0.4704	Ave		0.4321				10.0		15.0			
Tert-butyl ethyl ether	0.7257 0.7987	0.6775	0.7019	0.7173	0.7695	Ave		0.7318				6.1		15.0			
Ethyl acetate	0.1398 0.1547	0.1392	0.1469	0.1480	0.1548	Ave		0.1472				4.7		15.0			
Propionitrile	0.0350 0.0375	0.0363	0.0367	0.0364	0.0384	Ave		0.0367				3.1		15.0			
Methacrylonitrile	0.1502 0.1584	0.1569	0.1564	0.1573	0.1605	Ave		0.1566				2.2		15.0			
Tert-amyl methyl ether	0.5590 0.6323	0.5257	0.5537	0.5681	0.6049	Ave		0.5739				6.7		15.0			
n-Butanol	0.0043 0.0069	0.0053	0.0056	0.0061	0.0068	Lin1	-0.082	0.0069							0.9980		0.9900
Ethyl acrylate	0.2401 0.3005	0.2404	0.2609	0.2724	0.2927	Ave		0.2678				9.6		15.0			
Methyl methacrylate	0.1686 0.2149	0.1790	0.1986	0.2032	0.2167	Ave		0.1968				9.8		15.0			
2-Nitropropane	0.0370 0.0415	0.0287	0.0310	0.0318	0.0382	Ave		0.0347				14.0		15.0			
Cyclohexanone	0.0107 0.0143	0.0111	0.0115	0.0131	0.0139	Ave		0.0124				12.0		15.0			
Pentachloroethane	0.2039 0.2459	0.1728	0.1709	0.1922	0.2255	Ave		0.2019				15.0		15.0			
1,2,3-Trimethylbenzene	1.9871 3.0179	2.3943	2.6161	2.7827	2.9818	Ave		2.6300				15.0		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

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 chloride	0.0585 0.1835	0.0874	0.0898	0.1109	0.1511	Qua	-0.111	0.1163	0.0018						0.9990		0.9900
1,3,5-Trichlorobenzene	0.8934 1.1233	1.0805	1.0769	1.0928	1.1075	Ave		1.0624				8.0		15.0			
2-Methylnaphthalene	0.3629 +++++	0.8172	1.0143	1.2620	1.4050	Lin1	-2.393	1.4151							0.9960		0.9900
n-Butyl acetate	0.1188 0.1550	0.1129	0.1134	0.1310	0.1444	Ave		0.1293				14.0		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-121946/13	UXR1550.D
Level 2	STDA9 240-121946/12	UXR1548.D
Level 3	STDA9 240-121946/11	UXR1547.D
Level 4	STDA9 240-121946/10	UXR1546.D
Level 5	STDA9 240-121946/9	UXR1545.D
Level 6	STDA9 240-121946/8	UXR1544.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
Acetonitrile	FB	Ave	43877 1680057	88247	210205	416495	857490	10.0 400	20.0	50.0	100	200
Isopropyl ether	FB	Ave	28632 1301220	54880	145974	303465	641223	1.00 40.0	2.00	5.00	10.0	20.0
Chloroprene	FB	Ave	43425 2332605	102660	262020	534100	1150973	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	88609 3847209	165733	428170	884690	1882756	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	34128 1490155	68086	179275	365050	757477	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	42710 1804052	88900	223773	448425	939294	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	183345 7630937	383730	954120	1940567	3927820	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	68256 3045531	128594	337787	700737	1479868	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Lin1	9805 627912	24189	65048	140769	319230	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	29313 1447390	58803	159159	335961	716143	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	41184 2070471	87592	242264	501176	1060186	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Ave	9040 399931	14030	37879	78550	186973	2.00 80.0	4.00	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	7370 293131	10774	28086	65062	141367	10.0 400	20.0	50.0	100	200
Pentachloroethane	CBZ	Ave	37337 1794101	62661	159140	355916	844733	2.00 80.0	4.00	10.0	20.0	40.0
1,2,3-Trimethylbenzene	DCB	Ave	136318 6198086	232044	641684	1381103	3022372	1.00 40.0	2.00	5.00	10.0	20.0
Benzyl chloride	DCB	Qua	4015 376794	8470	22034	55045	153185	1.00 40.0	2.00	5.00	10.0	20.0

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

Lab Name: TestAmerica Canton Job No.: 240-37120-1 Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

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
1,3,5-Trichlorobenzene	DCB	Ave	61288 2307056	104719	264159	542359	1122635	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Lin1	49785 +++++	158396	497595	1252661	2848327	2.00 +++++	4.00	10.0	20.0	40.0
n-Butyl acetate	CBZ	Ave	10881 565508	20470	52804	121313	270488	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1544.D
Lims ID: STDA9 L6 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 10-Mar-2014 15:38:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-008
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:30 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:22:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1204236	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	87	911856	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	93	513442	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	1680057	398.3	
35 Isopropyl ether	87	4.305	4.305	0.0	94	1301220	43.9	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	87	2332605	44.8	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	97	3847209	43.7	
41 Ethyl acetate	43	4.826	4.827	-0.001	99	1490155	84.1	
42 Propionitrile	54	4.850	4.850	0.0	98	1804052	408.2	
43 Methacrylonitrile	41	4.980	4.981	-0.001	90	7630937	404.6	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	95	3045531	44.1	
56 n-Butanol	56	5.988	5.989	-0.001	87	627912	1015.4	
58 Ethyl acrylate	55	6.143	6.155	-0.012	99	1447390	44.9	
61 Methyl methacrylate	41	6.344	6.344	0.0	91	2070471	87.3	
65 2-Nitropropane	41	6.724	6.724	0.0	96	399931	95.7	
77 n-Butyl acetate	56	7.874	7.874	0.0	98	565508	48.0	
90 Cyclohexanone	55	9.546	9.546	0.0	90	293131	458.9	
100 Pentachloroethane	167	10.352	10.353	-0.001	0	1794101	97.5	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	98	6198086	45.9	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	376794	39.9	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	97	2307056	42.3	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	100	4736054	66.9	

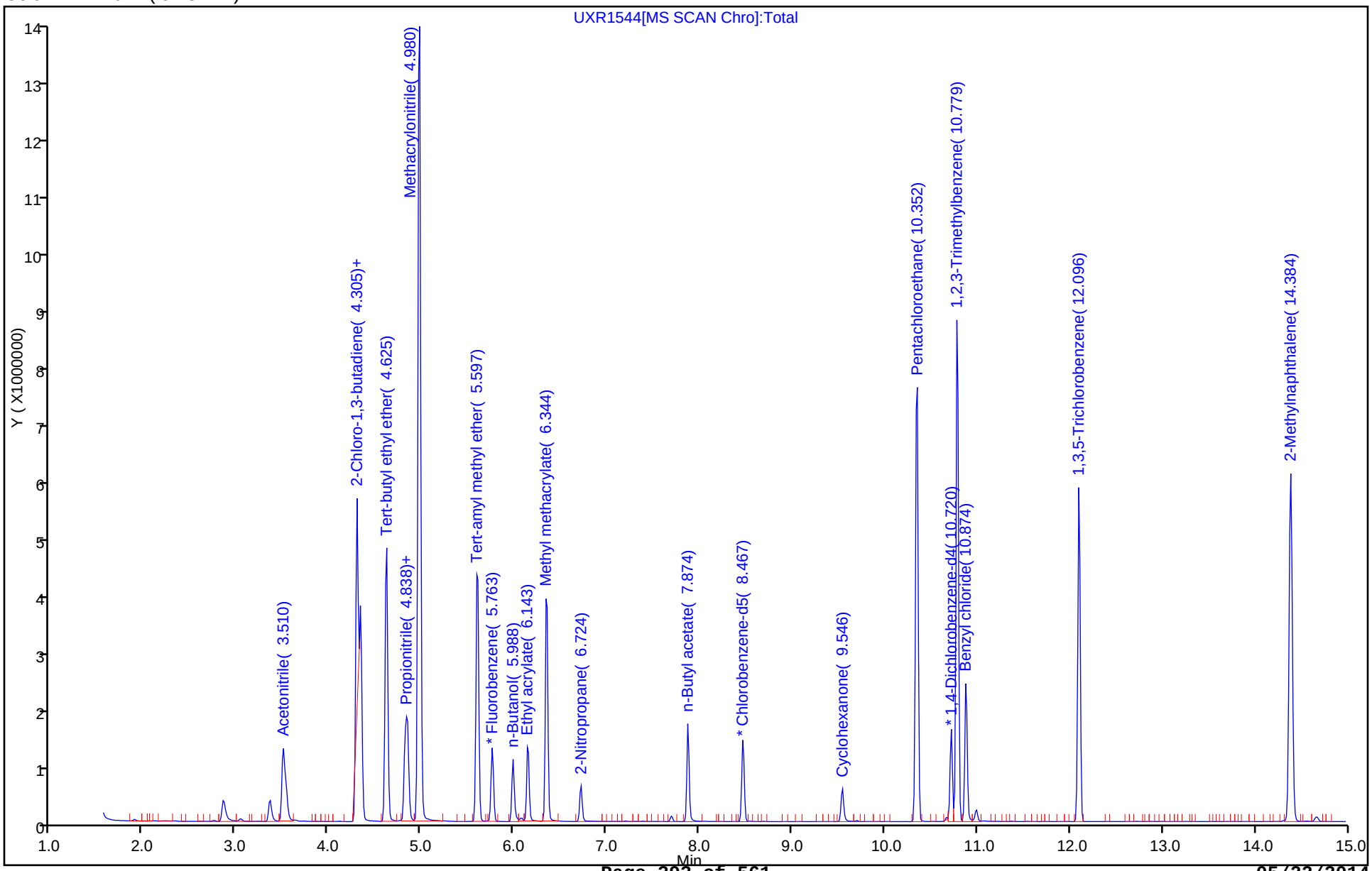
Report Date: 11-Mar-2014 13:09:31 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1544.D

Injection Date:	10-Mar-2014 15:38:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STDA9 L6	Lab Sample ID:		Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1545.D
Lims ID: STDA9 L5 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-Mar-2014 16:00:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-009
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:32 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:39:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1223284	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	936592	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	506811	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	857490	200.1	
35 Isopropyl ether	87	4.305	4.305	0.0	94	641223	21.3	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	88	1150973	21.8	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	96	1882756	21.0	
41 Ethyl acetate	43	4.826	4.827	-0.001	99	757477	42.1	
42 Propionitrile	54	4.850	4.850	0.0	99	939294	209.2	
43 Methacrylonitrile	41	4.980	4.981	-0.001	91	3927820	205.0	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	94	1479868	21.1	
56 n-Butanol	56	5.988	5.989	-0.001	88	319230	508.7	
58 Ethyl acrylate	55	6.154	6.155	-0.001	99	716143	21.9	
61 Methyl methacrylate	41	6.344	6.344	0.0	91	1060186	44.0	
65 2-Nitropropane	41	6.724	6.724	0.0	95	186973	44.0	
77 n-Butyl acetate	56	7.874	7.874	0.0	98	270488	22.3	
90 Cyclohexanone	55	9.546	9.546	0.0	89	141367	224.2	
100 Pentachloroethane	167	10.352	10.353	-0.001	0	844733	44.7	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	98	3022372	22.7	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	153185	20.6	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	96	1122635	20.8	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	100	2848327	41.4	

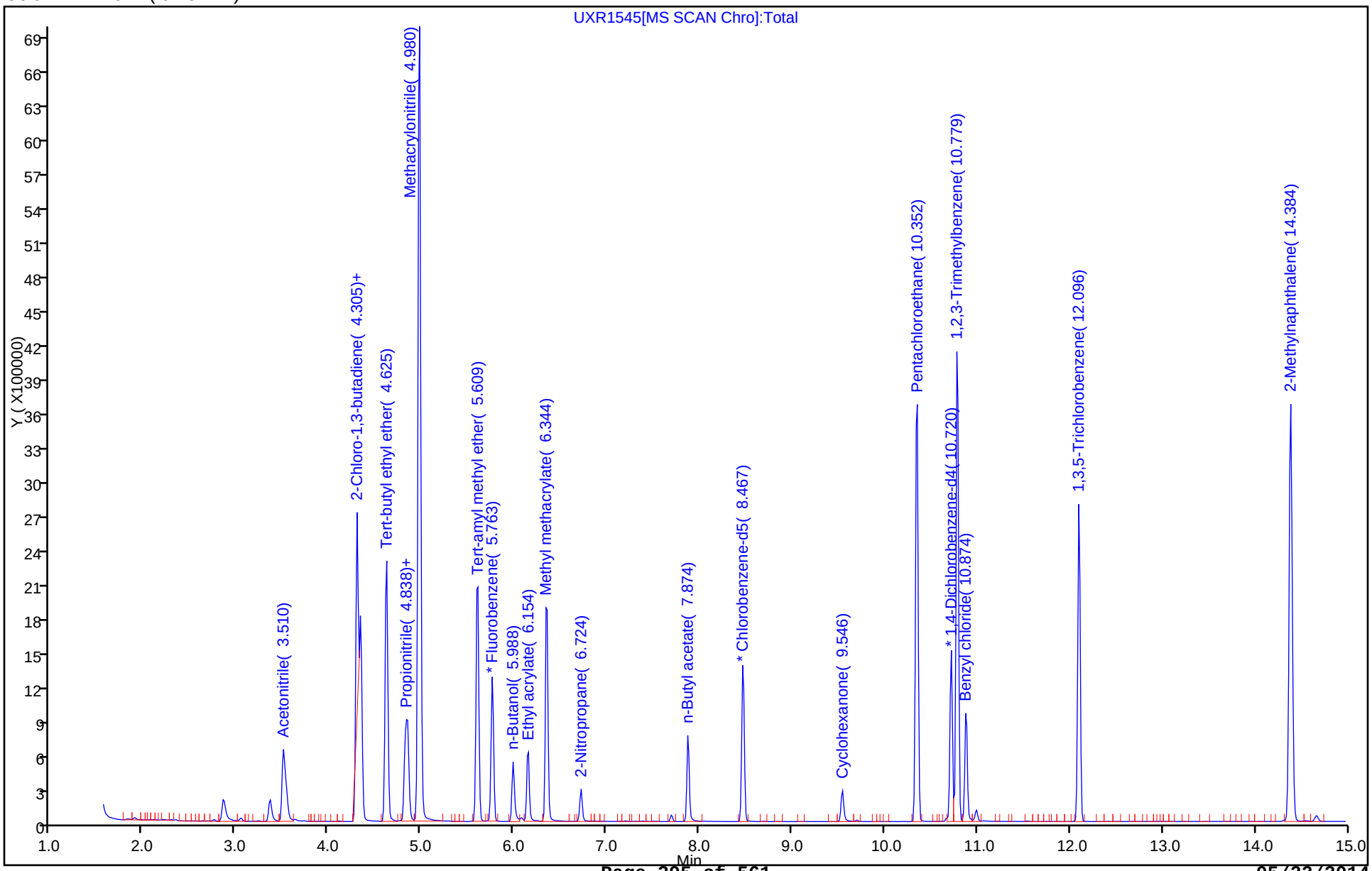
Report Date: 11-Mar-2014 13:09:32 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1545.D

Injection Date:	10-Mar-2014 16:00:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STDA9 L5	Lab Sample ID:		Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1546.D
Lims ID: STDA9 L4 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-Mar-2014 16:23:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-010
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:33 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:36:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1233429	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	925904	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	496317	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	416495	96.4	
35 Isopropyl ether	87	4.305	4.305	0.0	94	303465	10.0	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	87	534100	10.0	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	96	884690	9.80	
41 Ethyl acetate	43	4.827	4.827	0.0	97	365050	20.1	
42 Propionitrile	54	4.850	4.850	0.0	99	448425	99.1	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	1940567	100.5	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	93	700737	9.90	
56 n-Butanol	56	5.989	5.989	0.0	88	140769	233.6	
58 Ethyl acrylate	55	6.155	6.155	0.0	98	335961	10.2	
61 Methyl methacrylate	41	6.344	6.344	0.0	90	501176	20.6	
65 2-Nitropropane	41	6.724	6.724	0.0	97	78550	18.3	
77 n-Butyl acetate	56	7.874	7.874	0.0	97	121313	10.1	
90 Cyclohexanone	55	9.546	9.546	0.0	87	65062	105.4	
100 Pentachloroethane	167	10.353	10.353	0.0	0	355916	19.0	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	98	1381103	10.6	
107 Benzyl chloride	126	10.886	10.886	0.0	0	55045	9.21	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	98	542359	10.3	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	100	1252661	19.5	

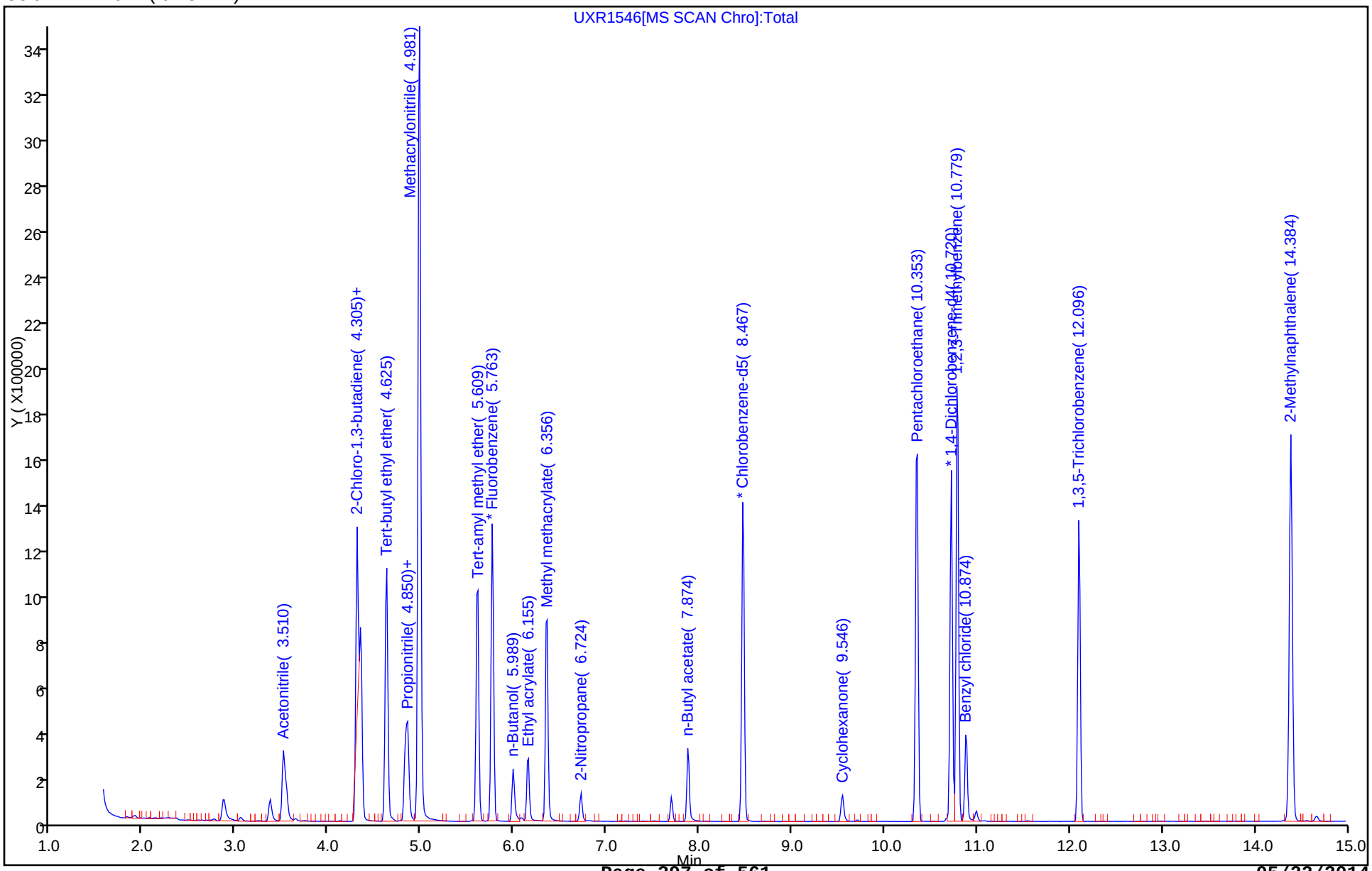
Report Date: 11-Mar-2014 13:09:33 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1546.D

Injection Date:	10-Mar-2014 16:23:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STDA9 L4	Lab Sample ID:		Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1547.D
Lims ID: STDA9 L3 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-Mar-2014 16:46:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-011
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:34 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:36:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1220004	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	931250	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	490571	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	98	210205	49.2	
35 Isopropyl ether	87	4.305	4.305	0.0	94	145974	4.86	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	88	262020	4.97	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	95	428170	4.80	
41 Ethyl acetate	43	4.827	4.827	0.0	98	179275	9.98	
42 Propionitrile	54	4.850	4.850	0.0	98	223773	50.0	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	954120	49.9	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	93	337787	4.82	
56 n-Butanol	56	5.989	5.989	0.0	86	65048	113.8	
58 Ethyl acrylate	55	6.155	6.155	0.0	97	159159	4.87	
61 Methyl methacrylate	41	6.356	6.344	0.012	90	242264	10.1	
65 2-Nitropropane	41	6.724	6.724	0.0	99	37879	8.94	
77 n-Butyl acetate	56	7.874	7.874	0.0	98	52804	4.39	
90 Cyclohexanone	55	9.546	9.546	0.0	83	28086	46.0	
100 Pentachloroethane	167	10.353	10.353	0.0	0	159140	8.47	
106 1,2,3-Trimethylbenzene	105	10.780	10.779	0.001	98	641684	4.97	
107 Benzyl chloride	126	10.886	10.886	0.0	0	22034	4.51	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	96	264159	5.07	
117 2-Methylnaphthalene	142	14.385	14.384	0.001	99	497595	8.86	

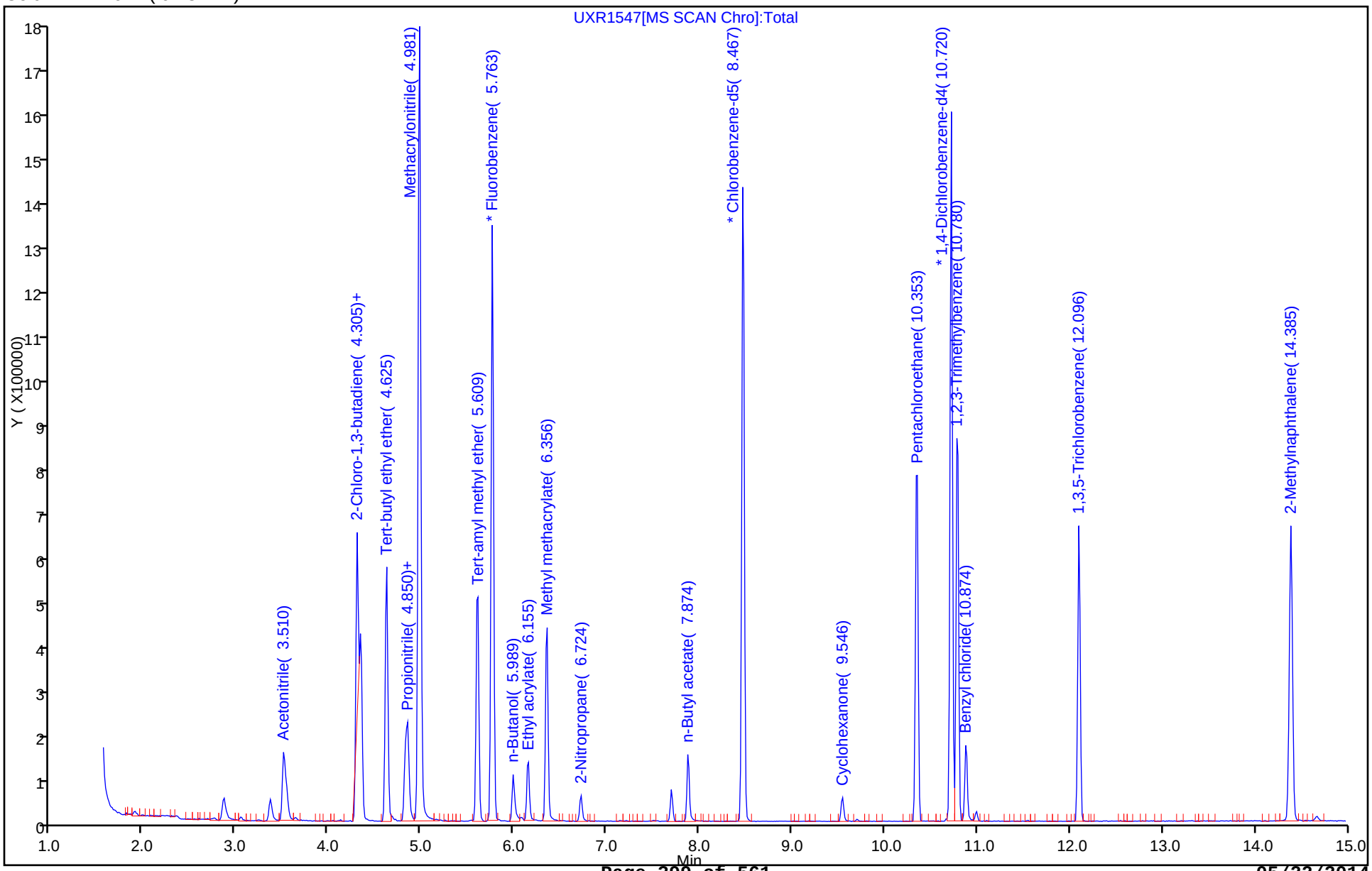
Report Date: 11-Mar-2014 13:09:34 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1547.D

Injection Date:	10-Mar-2014 16:46:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STDA9 L3	Lab Sample ID:		Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1548.D
Lims ID: STDA9 L2 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Mar-2014 17:08:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-012
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:35 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:05:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1223100	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	87	906736	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	484566	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	88247	20.6	
35 Isopropyl ether	87	4.305	4.305	0.0	93	54880	1.82	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	87	102660	1.94	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	94	165733	1.85	
41 Ethyl acetate	43	4.826	4.827	-0.001	94	68086	3.78	
42 Propionitrile	54	4.850	4.850	0.0	96	88900	19.8	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	383730	20.0	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	93	128594	1.83	
56 n-Butanol	56	5.989	5.989	0.0	90	24189	50.9	
58 Ethyl acrylate	55	6.155	6.155	0.0	86	58803	1.80	
61 Methyl methacrylate	41	6.344	6.344	0.0	90	87592	3.64	
65 2-Nitropropane	41	6.724	6.724	0.0	85	14030	3.30	
77 n-Butyl acetate	56	7.874	7.874	0.0	88	20470	1.75	
90 Cyclohexanone	55	9.546	9.546	0.0	62	10774	17.9	
100 Pentachloroethane	167	10.352	10.353	-0.001	0	62661	3.42	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	96	232044	1.82	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	8470	2.37	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	94	104719	2.03	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	99	158396	4.00	

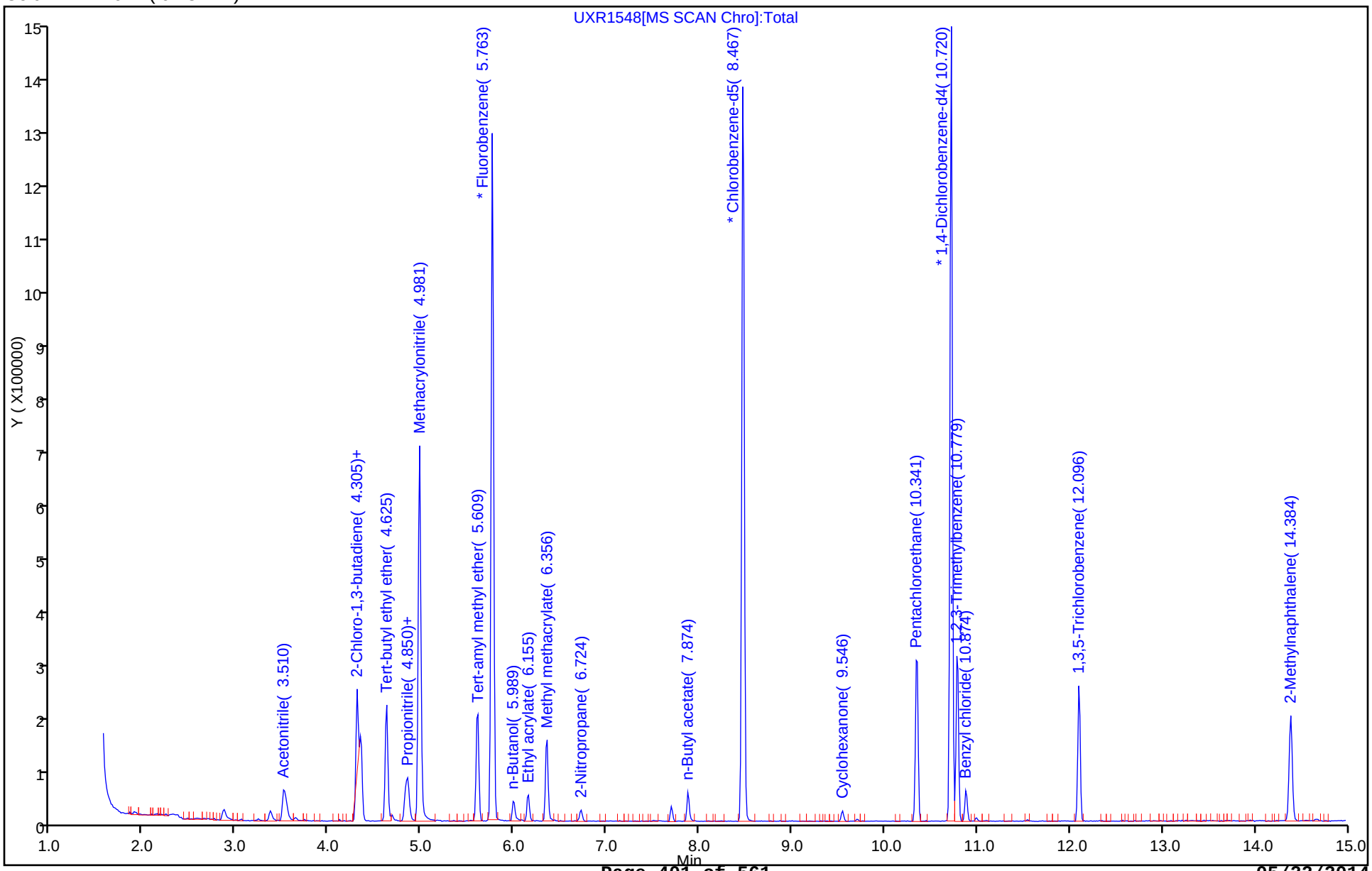
Report Date: 11-Mar-2014 13:09:35 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1548.D

Injection Date:	10-Mar-2014 17:08:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STDA9 L2	Lab Sample ID:		Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_17	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
Lims ID: STDA9 L1 Lab Sample ID:
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Mar-2014 21:35:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-013
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:36 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

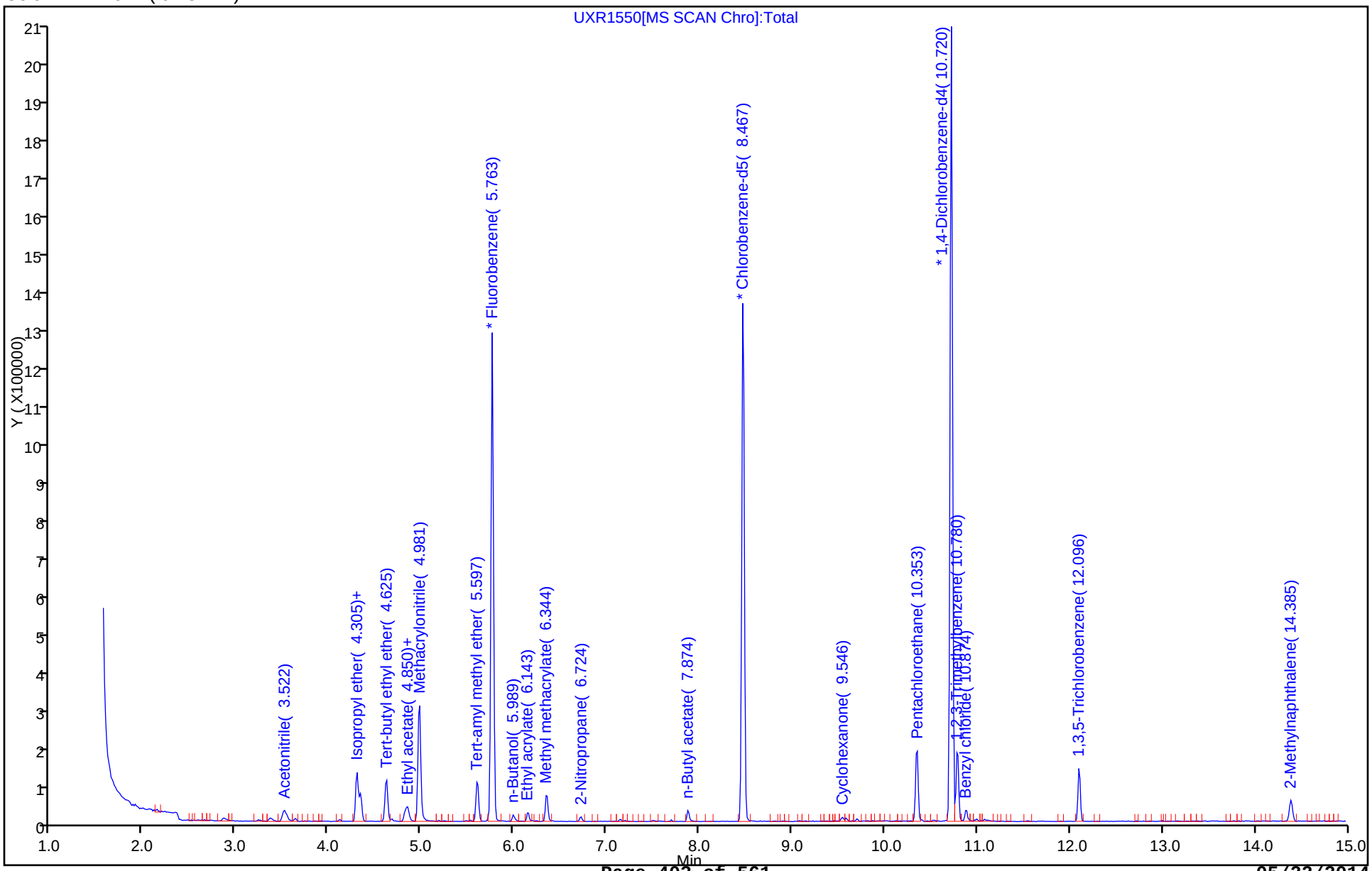
First Level Reviewer: williamsla Date: 11-Mar-2014 09:05:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1221009	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	915693	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	686011	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	97	43877	10.3	
35 Isopropyl ether	87	4.305	4.305	0.0	92	28632	0.9530	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	73	43425	0.8231	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	94	88609	0.99	
41 Ethyl acetate	43	4.827	4.827	0.0	93	34128	1.90	
42 Propionitrile	54	4.850	4.850	0.0	92	42710	9.53	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	183345	9.59	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	92	68256	0.9740	
56 n-Butanol	56	5.989	5.989	0.0	82	9805	27.6	
58 Ethyl acrylate	55	6.143	6.155	-0.012	82	29313	0.8964	
61 Methyl methacrylate	41	6.344	6.344	0.0	82	41184	1.71	
65 2-Nitropropane	41	6.724	6.724	0.0	72	9040	2.13	
77 n-Butyl acetate	56	7.874	7.874	0.0	91	10881	0.9193	
90 Cyclohexanone	55	9.546	9.546	0.0	54	7370	8.64	
100 Pentachloroethane	167	10.353	10.353	0.0	0	37337	2.02	
106 1,2,3-Trimethylbenzene	105	10.780	10.779	0.001	94	136318	0.7556	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	4015	1.43	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	91	61288	0.8409	
117 2-Methylnaphthalene	142	14.385	14.384	0.0	89	49785	2.20	

Report Date: 11-Mar-2014 13:09:36 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D				
Injection Date:	10-Mar-2014 21:35:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	STDA9 L1	Lab Sample ID:		Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-122370/14 Calibration Date: 03/13/2014 13:50

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 09:02

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 10:55

Lab File ID: UXX8846.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2420	0.2371			0.0100	-2.0	50.0
Chloromethane	Ave	0.2908	0.2908	0.1000		0.0100	-0.0	50.0
Vinyl chloride	Ave	0.2848	0.2999			0.0100	5.3	20.0
Butadiene	Ave	0.2671	0.2653		0.00993	0.0100	-0.7	50.0
Bromomethane	Lin1		0.1380			0.0100	18.9	50.0
Chloroethane	Ave	0.1577	0.1628			0.0100	3.2	50.0
Dichlorofluoromethane	Ave	0.3248	0.3365			0.0100	3.6	50.0
Trichlorofluoromethane	Ave	0.2807	0.3051			0.0100	8.7	50.0
Ethyl ether	Ave	0.1703	0.1728			0.0100	1.4	50.0
Acrolein	Ave	0.0258	0.0230			0.0500	-10.9	50.0
1,1-Dichloroethene	Ave	0.2175	0.2317			0.0100	6.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1841	0.1956			0.0100	6.2	50.0
Acetone	Ave	0.0587	0.0600			0.0200	2.2	50.0
Iodomethane	Ave	0.3583	0.4006			0.0100	11.8	50.0
Carbon disulfide	Ave	0.7045	0.7887			0.0100	11.9	50.0
3-Chloro-1-propene	Ave	0.1510	0.1487			0.0100	-1.5	50.0
Methyl acetate	Ave	0.1374	0.1284			0.0500	-6.5	50.0
Methylene Chloride	Lin1		0.2480			0.0100	1.9	50.0
2-Methyl-2-propanol	Lin1		0.0172			0.100	-2.0	50.0
Acrylonitrile	Ave	0.0683	0.0690			0.100	1.0	50.0
Methyl tert-butyl ether	Ave	0.6796	0.6731			0.0100	-1.0	50.0
trans-1,2-Dichloroethene	Ave	0.2478	0.2606			0.0100	5.2	50.0
Hexane	Ave	0.0592	0.0650			0.0100	9.8	20.0
1,1-Dichloroethane	Ave	0.4104	0.4339	0.1000		0.0100	5.7	50.0
Vinyl acetate	Ave	0.2581	0.3765			0.00800	45.8	50.0
2,2-Dichloropropane	Ave	0.3310	0.3400			0.0100	2.7	50.0
cis-1,2-Dichloroethene	Ave	0.2631	0.2665			0.0100	1.3	50.0
2-Butanone	Ave	0.0729	0.0711			0.0200	-2.6	50.0
Chlorobromomethane	Ave	0.1208	0.1232			0.0100	1.9	50.0
Tetrahydrofuran	Ave	0.0549	0.0501			0.0200	-8.8	50.0
Chloroform	Ave	0.3979	0.4055			0.0100	1.9	20.0
1,1,1-Trichloroethane	Ave	0.3613	0.3743			0.0100	3.6	50.0
Cyclohexane	Ave	0.3887	0.4049			0.0100	4.2	50.0
1,1-Dichloropropene	Ave	0.3001	0.3367			0.0100	12.2	50.0
Carbon tetrachloride	Ave	0.3117	0.3275			0.0100	5.1	50.0
Isobutanol	Lin1		0.0076			0.250	-5.7	50.0
Benzene	Ave	0.9438	0.9570			0.0100	1.4	50.0
1,2-Dichloroethane	Ave	0.2960	0.2952			0.0100	-0.3	50.0
n-Heptane	Ave	0.0517	0.0563			0.0100	8.9	50.0
Trichloroethene	Ave	0.2479	0.2586			0.0100	4.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-122370/14 Calibration Date: 03/13/2014 13:50

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 09:02

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 10:55

Lab File ID: UXX8846.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3823	0.3958			0.0100	3.5	50.0
1,2-Dichloropropane	Ave	0.2081	0.2097			0.0100	0.8	20.0
1,4-Dioxane	Qua		0.0019			0.200	-1.1	50.0
Dibromomethane	Ave	0.1211	0.1208			0.0100	-0.2	50.0
Bromodichloromethane	Ave	0.2862	0.2795			0.0100	-2.3	50.0
2-Chloroethyl vinyl ether	Lin1		0.0705			0.0120	-10.0	50.0
cis-1,3-Dichloropropene	Ave	0.3254	0.3310			0.0100	1.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1518	0.1402			0.0200	-7.6	50.0
Toluene	Ave	1.411	1.439			0.0100	2.0	20.0
trans-1,3-Dichloropropene	Ave	0.3981	0.4184			0.0100	5.1	50.0
Ethyl methacrylate	Ave	0.3155	0.3038			0.0100	-3.7	50.0
1,1,2-Trichloroethane	Ave	0.2484	0.2429			0.0100	-2.2	50.0
Tetrachloroethene	Ave	0.2881	0.3004			0.0100	4.3	50.0
1,3-Dichloropropane	Ave	0.4429	0.4263			0.0100	-3.7	50.0
2-Hexanone	Ave	0.1468	0.1314			0.0200	-10.5	50.0
Dibromochloromethane	Ave	0.2842	0.2770			0.0100	-2.5	50.0
Ethylene Dibromide	Ave	0.2453	0.2394			0.0100	-2.4	50.0
Chlorobenzene	Ave	0.9008	0.9001	0.3000		0.0100	-0.0	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3295	0.3405			0.0100	3.3	50.0
Ethylbenzene	Ave	0.4958	0.5034			0.0100	1.5	20.0
m-Xylene & p-Xylene	Ave	0.6164	0.6254			0.0100	1.5	50.0
o-Xylene	Ave	0.6147	0.6369			0.0100	3.6	50.0
Styrene	Ave	0.9728	0.9506			0.0100	-2.3	50.0
Bromoform	Ave	0.1820	0.1722	0.1000		0.0100	-5.4	50.0
Isopropylbenzene	Ave	1.619	1.699			0.0100	5.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5398	0.5036	0.3000		0.0100	-6.7	50.0
Bromobenzene	Ave	0.6698	0.6453			0.0100	-3.7	50.0
1,2,3-Trichloropropane	Ave	0.1809	0.1742			0.0100	-3.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1580	0.1509			0.0100	-4.5	50.0
N-Propylbenzene	Ave	0.7406	0.7385			0.0100	-0.3	50.0
2-Chlorotoluene	Ave	0.6402	0.6318			0.0100	-1.3	50.0
1,3,5-Trimethylbenzene	Ave	2.209	2.209			0.0100	-0.0	50.0
4-Chlorotoluene	Ave	0.6668	0.6464			0.0100	-3.1	50.0
tert-Butylbenzene	Ave	1.933	1.977			0.0100	2.2	50.0
1,2,4-Trimethylbenzene	Ave	2.321	2.299			0.0100	-0.9	50.0
sec-Butylbenzene	Ave	2.633	2.660			0.0100	1.0	50.0
1,3-Dichlorobenzene	Ave	1.314	1.290			0.0100	-1.8	50.0
4-Isopropyltoluene	Ave	2.330	2.354			0.0100	1.0	50.0
1,4-Dichlorobenzene	Ave	1.360	1.338			0.0100	-1.7	50.0
n-Butylbenzene	Ave	1.920	1.909			0.0100	-0.6	50.0
1,2-Dichlorobenzene	Ave	1.266	1.255			0.0100	-0.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-122370/14 Calibration Date: 03/13/2014 13:50

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 09:02

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 10:55

Lab File ID: UXX8846.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1109	0.1024			0.0100	-7.6	50.0
1,2,4-Trichlorobenzene	Ave	0.8194	0.8136			0.0100	-0.7	50.0
Hexachlorobutadiene	Ave	0.3126	0.3249			0.0100	3.9	50.0
Naphthalene	Ave	1.890	1.746			0.0100	-7.6	50.0
1,2,3-Trichlorobenzene	Ave	0.7202	0.7100			0.0100	-1.4	50.0
Dibromofluoromethane (Surr)	Ave	0.2069	0.1839		0.0109	0.0123	-11.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2454	0.2083		0.0104	0.0123	-15.1	50.0
Toluene-d8 (Surr)	Ave	1.190	1.067		0.0110	0.0123	-10.4	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4523	0.4110		0.0112	0.0123	-9.1	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8846.D
Lims ID: ICV Lab Sample ID: ICV 240-122371/14-A
Client ID:
Sample Type: ICV
Inject. Date: 13-Mar-2014 13:50:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-014
Operator ID: 1904 Instrument ID: A3UX10
Sublist:

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:29 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.535	5.537	-0.002	99	1457730	10.0	
* 2 Chlorobenzene-d5	117	8.233	8.235	-0.002	86	947218	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.469	10.471	-0.002	92	600605	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.967	4.977	-0.010	60	329790	10.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.263	5.261	0.002	0	373491	10.4	
$ 6 Toluene-d8 (Surr)	98	6.908	6.918	-0.010	83	1242833	11.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.345	9.343	0.002	93	478830	11.2	
9 Dichlorodifluoromethane	85	1.595	1.605	-0.010	98	345684	9.80	
10 Chloromethane	50	1.749	1.747	0.002	89	423871	10.0	
11 Vinyl chloride	62	1.855	1.865	-0.010	83	437208	10.5	
12 Butadiene	54	1.891	1.901	-0.010	97	386798	9.93	
13 Bromomethane	94	2.186	2.196	-0.010	90	201215	11.9	
14 Chloroethane	64	2.281	2.291	-0.010	99	237247	10.3	
15 Dichlorofluoromethane	67	2.482	2.492	-0.010	98	490469	10.4	
16 Trichlorofluoromethane	101	2.518	2.528	-0.010	86	444718	10.9	
17 Ethyl ether	59	2.790	2.788	0.002	87	251846	10.1	
18 Acrolein	56	2.920	2.930	-0.010	91	167711	44.5	
19 1,1-Dichloroethene	96	3.003	3.001	0.002	90	337689	10.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.015	3.025	-0.010	85	285070	10.6	
21 Acetone	43	3.062	3.072	-0.010	98	174986	20.4	
22 Iodomethane	142	3.145	3.155	-0.010	99	583944	11.2	
24 Carbon disulfide	76	3.204	3.202	0.002	99	1149756	11.2	
26 3-Chloro-1-propene	76	3.334	3.344	-0.010	88	216813	9.85	
27 Methyl acetate	43	3.358	3.356	0.002	97	936128	46.7	
28 Methylene Chloride	84	3.452	3.451	0.001	86	361502	10.2	
29 2-Methyl-2-propanol	59	3.559	3.557	0.002	97	251159	98.0	
32 Methyl tert-butyl ether	73	3.689	3.687	0.002	88	981225	9.90	
31 Acrylonitrile	53	3.677	3.687	-0.010	99	1005441	101.0	
30 trans-1,2-Dichloroethene	96	3.689	3.699	-0.010	95	379846	10.5	
33 Hexane	86	3.914	3.912	0.002	92	94711	11.0	
34 1,1-Dichloroethane	63	4.068	4.066	0.002	85	632567	10.6	
35 Vinyl acetate	43	4.103	4.101	0.002	97	439014	11.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.565	4.563	0.002	70	388416	10.1	
39 2,2-Dichloropropane	77	4.565	4.563	0.002	72	495563	10.3	
41 2-Butanone (MEK)	43	4.577	4.587	-0.010	93	207139	19.5	
45 Chlorobromomethane	128	4.778	4.776	0.002	87	179573	10.2	
46 Tetrahydrofuran	42	4.813	4.811	0.002	92	145908	18.2	
47 Chloroform	83	4.837	4.835	0.002	84	591047	10.2	
48 1,1,1-Trichloroethane	97	4.991	4.989	0.002	90	545633	10.4	
49 Cyclohexane	56	5.026	5.036	-0.010	88	590256	10.4	
50 1,1-Dichloropropene	75	5.121	5.131	-0.010	93	490790	11.2	
51 Carbon tetrachloride	117	5.133	5.131	0.002	87	477400	10.5	
52 Isobutyl alcohol	41	5.216	5.226	-0.010	93	178775	235.7	
53 Benzene	78	5.310	5.308	0.002	94	1394985	10.1	
54 1,2-Dichloroethane	62	5.334	5.332	0.002	93	430338	9.97	
56 n-Heptane	100	5.500	5.510	-0.010	90	82070	10.9	
58 Trichloroethene	130	5.855	5.853	0.002	92	376997	10.4	
60 Methylcyclohexane	83	6.008	6.018	-0.010	88	576956	10.4	
61 1,2-Dichloropropane	63	6.056	6.054	0.002	91	305694	10.1	
63 Dibromomethane	93	6.162	6.160	0.002	87	176069	9.98	
64 1,4-Dioxane	88	6.162	6.172	-0.010	85	55660	197.8	
65 Dichlorobromomethane	83	6.292	6.290	0.002	93	407398	9.77	
67 2-Chloroethyl vinyl ether	63	6.541	6.539	0.002	93	123248	10.8	
68 cis-1,3-Dichloropropene	75	6.671	6.681	-0.010	89	482543	10.2	
69 4-Methyl-2-pentanone (MIBK)	43	6.813	6.811	0.002	95	408773	18.5	
70 Toluene	91	6.967	6.977	-0.010	92	1362810	10.2	
71 trans-1,3-Dichloropropene	75	7.168	7.166	0.002	93	396290	10.5	
72 Ethyl methacrylate	69	7.227	7.225	0.002	88	287750	9.63	
73 1,1,2-Trichloroethane	97	7.334	7.344	-0.010	92	230073	9.78	
74 Tetrachloroethene	164	7.464	7.462	0.002	93	284584	10.4	
75 1,3-Dichloropropane	76	7.487	7.497	-0.010	92	403770	9.63	
76 2-Hexanone	43	7.558	7.557	0.001	96	248905	17.9	
78 Chlorodibromomethane	129	7.700	7.699	0.001	86	262339	9.75	
80 Ethylene Dibromide	107	7.819	7.817	0.002	98	226732	9.76	
82 Chlorobenzene	112	8.257	8.255	0.002	91	852626	10.0	
83 1,1,1,2-Tetrachloroethane	131	8.328	8.338	-0.010	84	322544	10.3	
84 Ethylbenzene	106	8.351	8.349	0.002	98	476849	10.2	
85 m-Xylene & p-Xylene	106	8.458	8.456	0.002	100	592382	10.1	
86 o-Xylene	106	8.836	8.835	0.001	95	603268	10.4	
87 Styrene	104	8.848	8.846	0.002	92	900442	9.77	
88 Bromoform	173	9.049	9.048	0.001	98	163062	9.46	
89 Isopropylbenzene	105	9.180	9.190	-0.010	95	1609432	10.5	
92 1,1,2,2-Tetrachloroethane	83	9.487	9.485	0.002	87	302469	9.33	
93 Bromobenzene	156	9.499	9.497	0.002	88	387581	9.63	
94 1,2,3-Trichloropropane	110	9.535	9.533	0.002	74	104641	9.63	
95 trans-1,4-Dichloro-2-butene	53	9.535	9.533	0.002	66	90607	9.55	
96 N-Propylbenzene	120	9.582	9.580	0.002	88	443536	9.97	
97 2-Chlorotoluene	126	9.677	9.675	0.002	96	379432	9.87	
98 1,3,5-Trimethylbenzene	105	9.748	9.746	0.002	84	1326434	10.0	
99 4-Chlorotoluene	126	9.783	9.781	0.002	97	388245	9.69	
100 tert-Butylbenzene	119	10.067	10.077	-0.010	80	1187182	10.2	
102 1,2,4-Trimethylbenzene	105	10.114	10.124	-0.010	96	1381001	9.91	
103 sec-Butylbenzene	105	10.292	10.290	0.002	94	1597380	10.1	
104 1,3-Dichlorobenzene	146	10.410	10.408	0.002	84	774974	9.82	

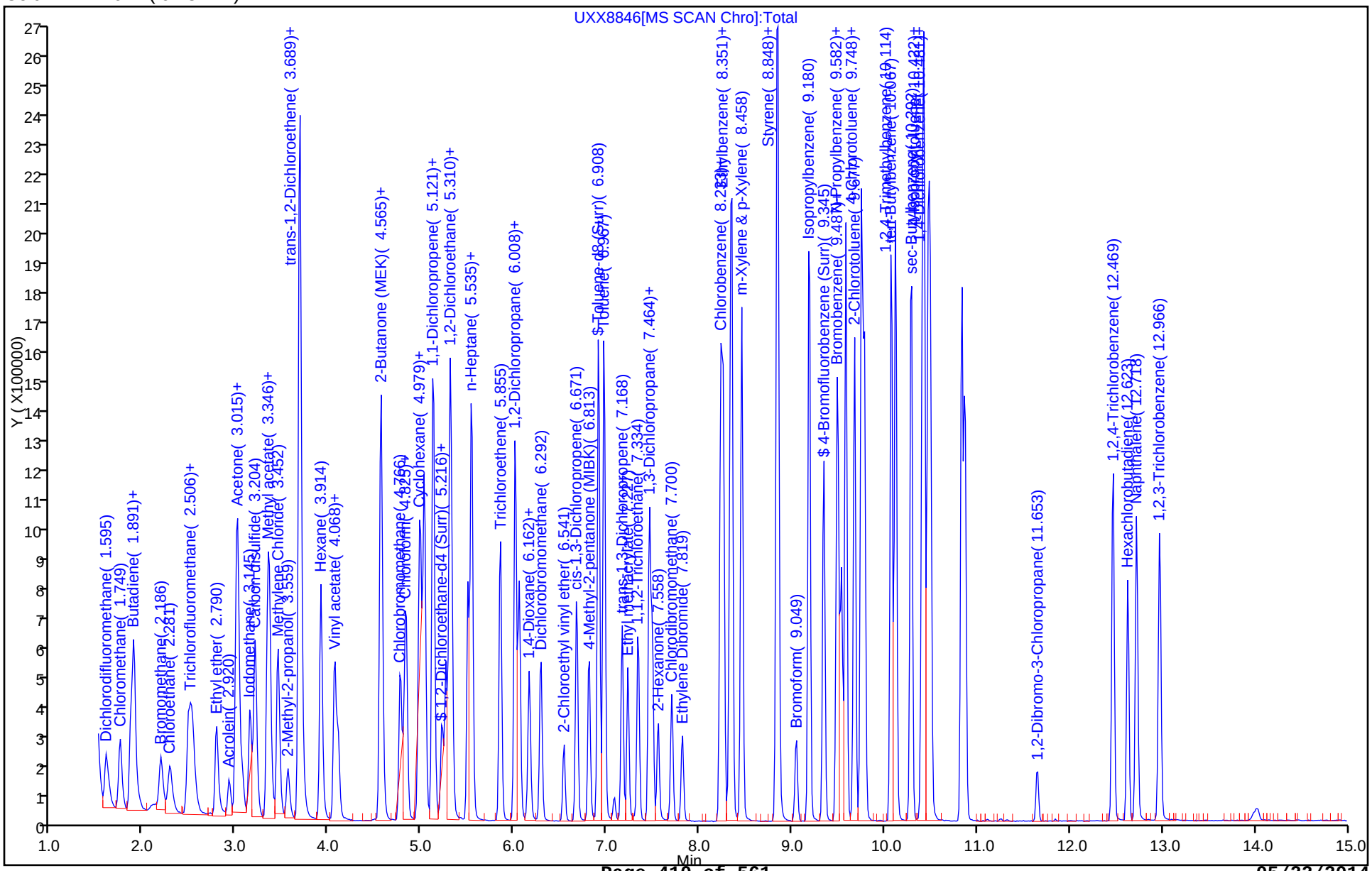
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
105 4-Isopropyltoluene	119	10.422	10.432	-0.010	92	1413543	10.1	
106 1,4-Dichlorobenzene	146	10.493	10.491	0.002	93	803435	9.83	
109 n-Butylbenzene	91	10.836	10.834	0.002	94	1146306	9.94	
110 1,2-Dichlorobenzene	146	10.872	10.870	0.002	98	753474	9.91	
111 1,2-Dibromo-3-Chloropropane	157	11.653	11.651	0.002	73	61527	9.24	
113 1,2,4-Trichlorobenzene	180	12.469	12.467	0.002	91	488638	9.93	
114 Hexachlorobutadiene	225	12.623	12.621	0.002	93	195148	10.4	
115 Naphthalene	128	12.718	12.716	0.002	100	1048769	9.24	
116 1,2,3-Trichlorobenzene	180	12.966	12.964	0.002	99	426417	9.86	
S 130 Xylenes, Total	106				0		20.5	
S 131 Trihalomethanes, Total	1				0		39.2	

Report Date: 14-Mar-2014 08:02:30 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8846.D				
Injection Date:	13-Mar-2014 13:50:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	ICV	Lab Sample ID:	ICV 240-122371/14-A	Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260_10	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-122370/15 Calibration Date: 03/13/2014 14:12

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 09:02

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 10:55

Lab File ID: UXX8847.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2069	0.1857		0.0110	0.0123	-10.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2454	0.2139		0.0107	0.0123	-12.9	50.0
Toluene-d8 (Surr)	Ave	1.190	1.061		0.0110	0.0123	-10.8	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4523	0.4133		0.0112	0.0123	-8.6	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8847.D
Lims ID: ICV A9 Lab Sample ID: ICV 240-122371/15-A
Client ID:
Sample Type: ICV
Inject. Date: 13-Mar-2014 14:12:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-015
Operator ID: 1904 Instrument ID: A3UX10
Sublist:

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:29 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

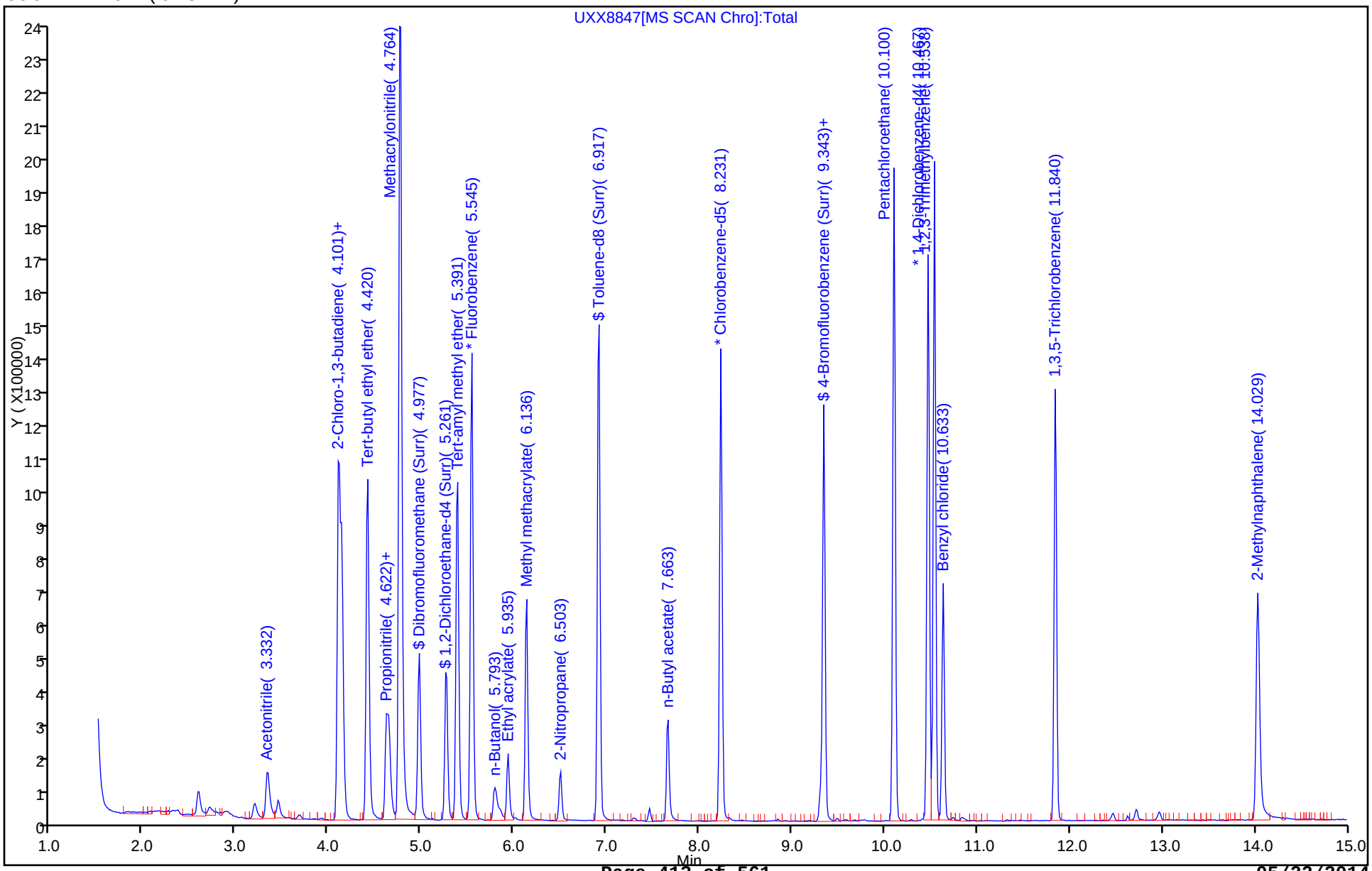
Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.537	0.008	99	1408930	10.0	
* 2 Chlorobenzene-d5	117	8.231	8.235	-0.004	86	916360	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.467	10.471	-0.004	94	581640	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.977	4.977	0.0	66	321770	11.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.261	5.261	0.0	0	370595	10.7	
$ 6 Toluene-d8 (Surr)	98	6.917	6.918	-0.001	83	1196387	11.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.343	9.343	0.0	91	465890	11.2	
25 Acetonitrile	41	3.332	3.336	-0.004	99	247741	78.1	
36 Isopropyl ether	87	4.101	4.105	-0.004	93	316746	10.3	
37 2-Chloro-1,3-butadiene	53	4.136	4.140	-0.004	89	512178	10.2	
38 Tert-butyl ethyl ether	59	4.420	4.413	0.007	94	978104	9.86	
42 Ethyl acetate	43	4.622	4.626	-0.004	99	394264	26.3	
43 Propionitrile	54	4.645	4.649	-0.004	98	324706	95.2	
44 Methacrylonitrile	41	4.764	4.768	-0.004	92	1499769	97.4	
55 Tert-amyl methyl ether	73	5.391	5.383	0.008	98	889455	10.1	
57 n-Butanol	56	5.793	5.797	-0.004	87	110051	209.3	
59 Ethyl acrylate	55	5.935	5.939	-0.004	98	229666	10.0	
62 Methyl methacrylate	41	6.136	6.128	0.008	86	356316	19.6	
66 2-Nitropropane	41	6.503	6.495	0.008	99	107471	19.1	
77 n-Butyl acetate	56	7.663	7.655	0.008	98	118689	12.8	
91 Cyclohexanone	55	9.307	9.311	-0.004	87	55865	81.5	
101 Pentachloroethane	167	10.100	10.104	-0.004	0	437021	21.2	
107 1,2,3-Trimethylbenzene	105	10.538	10.542	-0.004	98	1324052	10.1	
108 Benzyl chloride	126	10.633	10.637	-0.004	0	131872	10.8	
112 1,3,5-Trichlorobenzene	180	11.840	11.844	-0.004	97	524365	10.0	
117 2-Methylnaphthalene	142	14.029	14.033	-0.004	97	657236	12.1	

Report Date: 14-Mar-2014 08:02:30 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8847.D				
Injection Date:	13-Mar-2014 14:12:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	ICV A9	Lab Sample ID:	ICV 240-122371/15-A	Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-122370/15 Calibration Date: 03/13/2014 14:12

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 11:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 13:09

Lab File ID: UXX8847.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0225	0.0176			0.100	-21.9	50.0
Isopropyl ether	Ave	0.2178	0.2248			0.0100	3.2	50.0
Chloroprene	Ave	0.3572	0.3635			0.0100	1.8	50.0
Tert-butyl ethyl ether	Ave	0.7038	0.6942			0.0100	-1.4	50.0
Ethyl acetate	Ave	0.1066	0.1399			0.0200	31.3	50.0
Propionitrile	Ave	0.0242	0.0231			0.100	-4.8	50.0
Methacrylonitrile	Ave	0.1093	0.1065			0.100	-2.6	50.0
Tert-amyl methyl ether	Ave	0.6281	0.6313			0.0100	0.5	50.0
n-Butanol	Ave	0.0057	0.0048			0.250	-16.3	50.0
Ethyl acrylate	Ave	0.1629	0.1630			0.0100	0.0	50.0
Methyl methacrylate	Ave	0.1292	0.1265			0.0200	-2.1	50.0
2-Nitropropane	Ave	0.0400	0.0381			0.0200	-4.7	50.0
Cyclohexanone	Ave	0.0118	0.0096			0.100	-18.5	50.0
Pentachloroethane	Ave	0.2249	0.2385		0.0212	0.0200	6.0	50.0
1,2,3-Trimethylbenzene	Ave	2.250	2.276		0.0101	0.0100	1.2	50.0
Benzyl chloride	Ave	0.2092	0.2267			0.0100	8.4	50.0
1,3,5-Trichlorobenzene	Ave	0.8988	0.9015			0.0100	0.3	50.0
2-Methylnaphthalene	Ave	0.9347	0.5650			0.0200	-39.6	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8847.D
Lims ID: ICV A9 Lab Sample ID: ICV 240-122371/15-A
Client ID:
Sample Type: ICV
Inject. Date: 13-Mar-2014 14:12:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-015
Operator ID: 1904 Instrument ID: A3UX10
Sublist:

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:29 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

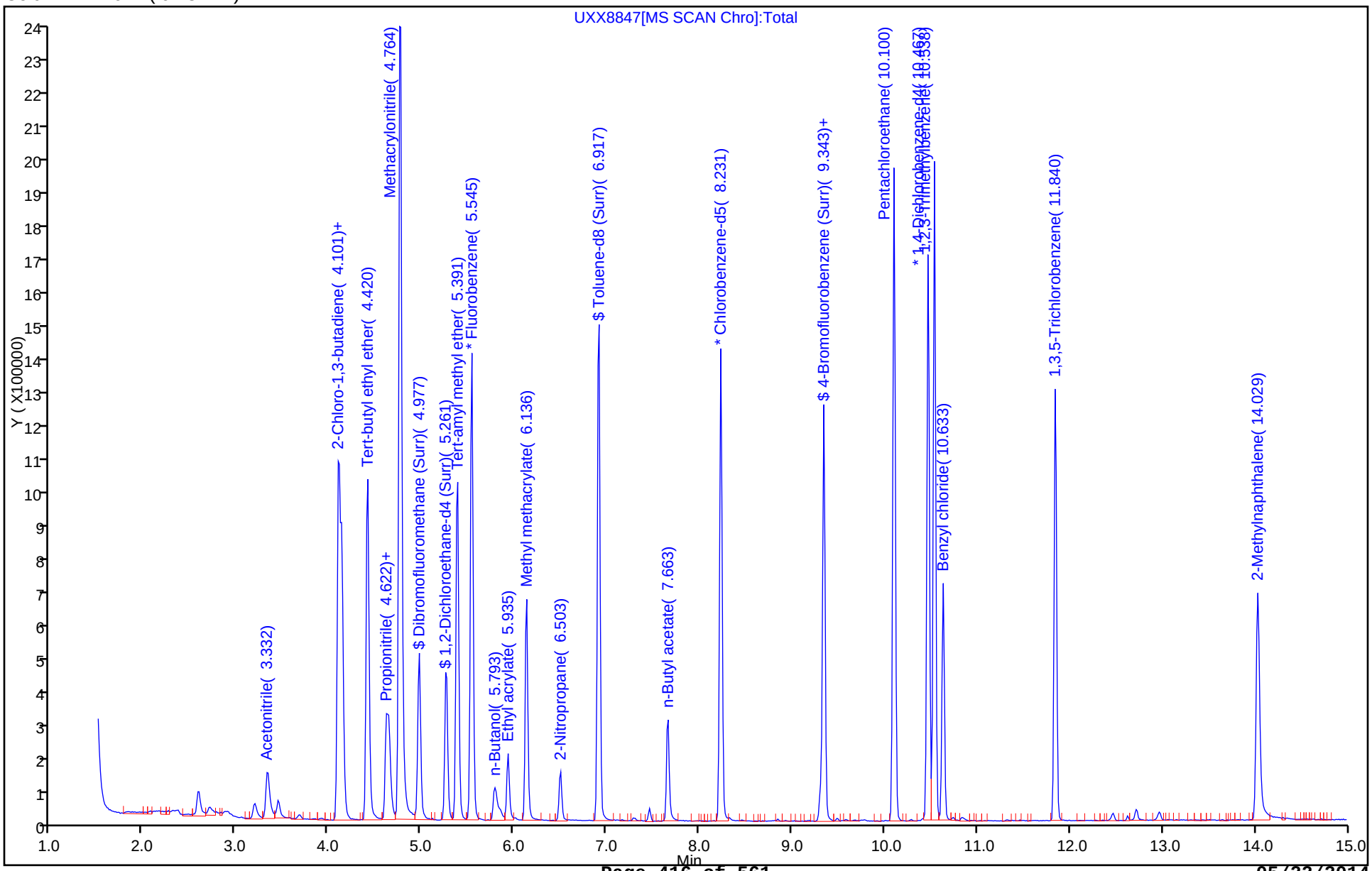
Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.537	0.008	99	1408930	10.0	
* 2 Chlorobenzene-d5	117	8.231	8.235	-0.004	86	916360	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.467	10.471	-0.004	94	581640	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.977	4.977	0.0	66	321770	11.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.261	5.261	0.0	0	370595	10.7	
$ 6 Toluene-d8 (Surr)	98	6.917	6.918	-0.001	83	1196387	11.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.343	9.343	0.0	91	465890	11.2	
25 Acetonitrile	41	3.332	3.336	-0.004	99	247741	78.1	
36 Isopropyl ether	87	4.101	4.105	-0.004	93	316746	10.3	
37 2-Chloro-1,3-butadiene	53	4.136	4.140	-0.004	89	512178	10.2	
38 Tert-butyl ethyl ether	59	4.420	4.413	0.007	94	978104	9.86	
42 Ethyl acetate	43	4.622	4.626	-0.004	99	394264	26.3	
43 Propionitrile	54	4.645	4.649	-0.004	98	324706	95.2	
44 Methacrylonitrile	41	4.764	4.768	-0.004	92	1499769	97.4	
55 Tert-amyl methyl ether	73	5.391	5.383	0.008	98	889455	10.1	
57 n-Butanol	56	5.793	5.797	-0.004	87	110051	209.3	
59 Ethyl acrylate	55	5.935	5.939	-0.004	98	229666	10.0	
62 Methyl methacrylate	41	6.136	6.128	0.008	86	356316	19.6	
66 2-Nitropropane	41	6.503	6.495	0.008	99	107471	19.1	
77 n-Butyl acetate	56	7.663	7.655	0.008	98	118689	12.8	
91 Cyclohexanone	55	9.307	9.311	-0.004	87	55865	81.5	
101 Pentachloroethane	167	10.100	10.104	-0.004	0	437021	21.2	
107 1,2,3-Trimethylbenzene	105	10.538	10.542	-0.004	98	1324052	10.1	
108 Benzyl chloride	126	10.633	10.637	-0.004	0	131872	10.8	
112 1,3,5-Trichlorobenzene	180	11.840	11.844	-0.004	97	524365	10.0	
117 2-Methylnaphthalene	142	14.029	14.033	-0.004	97	657236	12.1	

Report Date: 14-Mar-2014 08:02:30 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8847.D				
Injection Date:	13-Mar-2014 14:12:30	Instrument ID:	A3UX10	Operator ID:	1904
Lims ID:	ICV A9	Lab Sample ID:	ICV 240-122371/15-A	Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131184/2 Calibration Date: 05/19/2014 12:05

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 09:02

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 10:55

Lab File ID: UXR0653.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2420	0.5004			0.0100	106.8*	50.0
Chloromethane	Ave	0.2908	0.3117	0.1000		0.0100	7.2	50.0
Vinyl chloride	Ave	0.2848	0.2685			0.0100	-5.7	20.0
Butadiene	Ave	0.2671	0.2477		0.00927	0.0100	-7.3	50.0
Bromomethane	Lin1		0.1272			0.0100	9.0	50.0
Chloroethane	Ave	0.1577	0.1335			0.0100	-15.3	50.0
Dichlorofluoromethane	Ave	0.3248	0.3608			0.0100	11.1	50.0
Trichlorofluoromethane	Ave	0.2807	0.3199			0.0100	14.0	50.0
Ethyl ether	Ave	0.1703	0.1203			0.0100	-29.4	50.0
Acrolein	Ave	0.0258	0.0107			0.0500	-58.5*	50.0
1,1-Dichloroethene	Ave	0.2175	0.2235			0.0100	2.8	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1841	0.2029			0.0100	10.2	50.0
Acetone	Ave	0.0587	0.0562			0.0200	-4.4	50.0
Iodomethane	Ave	0.3583	0.3197			0.0100	-10.8	50.0
Carbon disulfide	Ave	0.7045	0.6595			0.0100	-6.4	50.0
3-Chloro-1-propene	Ave	0.1510	0.1419			0.0100	-6.0	50.0
Methyl acetate	Ave	0.1374	0.1084			0.0500	-21.1	50.0
Methylene Chloride	Lin1		0.2588			0.0100	6.5	50.0
2-Methyl-2-propanol	Lin1		0.0147			0.100	-15.5	50.0
Acrylonitrile	Ave	0.0683	0.0554			0.100	-19.0	50.0
Methyl tert-butyl ether	Ave	0.6796	0.6464			0.0100	-4.9	50.0
trans-1,2-Dichloroethene	Ave	0.2478	0.2499			0.0100	0.9	50.0
Hexane	Ave	0.0592	0.0583			0.0100	-1.5	20.0
1,1-Dichloroethane	Ave	0.4104	0.4183	0.1000		0.0100	1.9	50.0
Vinyl acetate	Ave	0.2581	0.1478			0.00960	-42.7	50.0
2,2-Dichloropropane	Ave	0.3310	0.3125			0.0100	-5.6	50.0
cis-1,2-Dichloroethene	Ave	0.2631	0.2606			0.0100	-1.0	50.0
2-Butanone	Ave	0.0729	0.0574			0.0200	-21.3	50.0
Chlorobromomethane	Ave	0.1208	0.1298			0.0100	7.4	50.0
Tetrahydrofuran	Ave	0.0549	0.0346			0.0200	-36.9	50.0
Chloroform	Ave	0.3979	0.4550			0.0100	14.3	20.0
1,1,1-Trichloroethane	Ave	0.3613	0.4201			0.0100	16.3	50.0
Cyclohexane	Ave	0.3887	0.3468			0.0100	-10.8	50.0
1,1-Dichloropropene	Ave	0.3001	0.3022			0.0100	0.7	50.0
Carbon tetrachloride	Ave	0.3117	0.3579			0.0100	14.8	50.0
Isobutanol	Lin1		0.0064			0.250	-20.8	50.0
Benzene	Ave	0.9438	0.9379			0.0100	-0.6	50.0
1,2-Dichloroethane	Ave	0.2960	0.3303			0.0100	11.6	50.0
n-Heptane	Ave	0.0517	0.0522			0.0100	1.0	50.0
Trichloroethene	Ave	0.2479	0.2471			0.0100	-0.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131184/2 Calibration Date: 05/19/2014 12:05

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 09:02

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 10:55

Lab File ID: UXR0653.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3823	0.3874			0.0100	1.3	50.0
1,2-Dichloropropane	Ave	0.2081	0.1980			0.0100	-4.9	20.0
Dibromomethane	Ave	0.1211	0.1267			0.0100	4.7	50.0
1,4-Dioxane	Qua		0.0018			0.200	-7.5	50.0
Bromodichloromethane	Ave	0.2862	0.3051			0.0100	6.6	50.0
2-Chloroethyl vinyl ether	Lin1		0.0572			0.0200	-28.6	50.0
cis-1,3-Dichloropropene	Ave	0.3254	0.3108			0.0100	-4.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1518	0.1236			0.0200	-18.6	50.0
Toluene	Ave	1.411	1.388			0.0100	-1.6	20.0
trans-1,3-Dichloropropene	Ave	0.3981	0.3647			0.0100	-8.4	50.0
Ethyl methacrylate	Ave	0.3155	0.2825			0.0100	-10.4	50.0
1,1,2-Trichloroethane	Ave	0.2484	0.2513			0.0100	1.2	50.0
Tetrachloroethene	Ave	0.2881	0.2742			0.0100	-4.8	50.0
1,3-Dichloropropane	Ave	0.4429	0.4280			0.0100	-3.4	50.0
2-Hexanone	Ave	0.1468	0.1206			0.0200	-17.9	50.0
Dibromochloromethane	Ave	0.2842	0.2790			0.0100	-1.8	50.0
Ethylene Dibromide	Ave	0.2453	0.2396			0.0100	-2.3	50.0
Chlorobenzene	Ave	0.9008	0.8667	0.3000		0.0100	-3.8	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3295	0.3480			0.0100	5.6	50.0
Ethylbenzene	Ave	0.4958	0.4638			0.0100	-6.5	20.0
m-Xylene & p-Xylene	Ave	0.6164	0.6031			0.0100	-2.1	50.0
o-Xylene	Ave	0.6147	0.5859			0.0100	-4.7	50.0
Styrene	Ave	0.9728	0.9328			0.0100	-4.1	50.0
Bromoform	Ave	0.1820	0.1583	0.1000		0.0100	-13.0	50.0
Isopropylbenzene	Ave	1.619	1.674			0.0100	3.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5398	0.5157	0.3000		0.0100	-4.5	50.0
Bromobenzene	Ave	0.6698	0.6215			0.0100	-7.2	50.0
1,2,3-Trichloropropane	Ave	0.1809	0.1817			0.0100	0.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1580	0.0619			0.0100	-60.8*	50.0
N-Propylbenzene	Ave	0.7406	0.7242			0.0100	-2.2	50.0
2-Chlorotoluene	Ave	0.6402	0.6415			0.0100	0.2	50.0
1,3,5-Trimethylbenzene	Ave	2.209	2.442			0.0100	10.5	50.0
4-Chlorotoluene	Ave	0.6668	0.6414			0.0100	-3.8	50.0
tert-Butylbenzene	Ave	1.933	2.111			0.0100	9.2	50.0
1,2,4-Trimethylbenzene	Ave	2.321	2.598			0.0100	12.0	50.0
sec-Butylbenzene	Ave	2.633	2.777			0.0100	5.5	50.0
1,3-Dichlorobenzene	Ave	1.314	1.277			0.0100	-2.8	50.0
4-Isopropyltoluene	Ave	2.330	2.554			0.0100	9.6	50.0
1,4-Dichlorobenzene	Ave	1.360	1.313			0.0100	-3.5	50.0
n-Butylbenzene	Ave	1.920	2.030			0.0100	5.7	50.0
1,2-Dichlorobenzene	Ave	1.266	1.279			0.0100	1.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131184/2 Calibration Date: 05/19/2014 12:05

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 09:02

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 10:55

Lab File ID: UXR0653.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1109	0.1038			0.0100	-6.4	50.0
1,2,4-Trichlorobenzene	Ave	0.8194	0.8143			0.0100	-0.6	50.0
Hexachlorobutadiene	Ave	0.3126	0.3758			0.0100	20.2	50.0
Naphthalene	Ave	1.890	1.633			0.0100	-13.6	50.0
1,2,3-Trichlorobenzene	Ave	0.7202	0.7460			0.0100	3.6	50.0
Dibromofluoromethane (Surr)	Ave	0.2069	0.2077		0.0123	0.0123	0.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2454	0.2534		0.0127	0.0123	3.2	50.0
Toluene-d8 (Surr)	Ave	1.190	1.092		0.0113	0.0123	-8.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4523	0.4461		0.0121	0.0123	-1.4	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0653.D
Lims ID: CCVIS L4 8260
Client ID:
Sample Type: CCVIS
Inject. Date: 19-May-2014 12:05:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-002
Operator ID: 1644 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub46

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:15 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.541	5.541	0.000	98	1102301	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.226	8.226	0.000	86	775801	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.474	10.474	0.000	92	469073	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.973	4.973	0.000	57	281565	12.3	12.3	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.257	5.257	0.000	0	343549	12.3	12.7	
$ 6 Toluene-d8 (Surr)	98	6.913	6.913	0.000	83	1042149	12.3	11.3	
$ 7 4-Bromofluorobenzene (Surr	95	9.338	9.338	0.000	81	425670	12.3	12.1	
9 Dichlorodifluoromethane	85	1.590	1.590	0.000	87	551639	10.0	20.7	
10 Chloromethane	50	1.732	1.732	0.000	89	343590	10.0	10.7	
11 Vinyl chloride	62	1.851	1.851	0.000	98	295928	10.0	9.43	
12 Butadiene	54	1.886	1.886	0.000	94	273007	10.0	9.27	
13 Bromomethane	94	2.182	2.182	0.000	91	140193	10.0	10.9	
14 Chloroethane	64	2.277	2.277	0.000	98	147170	10.0	8.47	
15 Dichlorofluoromethane	67	2.478	2.478	0.000	90	397726	10.0	11.1	
16 Trichlorofluoromethane	101	2.525	2.525	0.000	87	352657	10.0	11.4	
17 Ethyl ether	59	2.785	2.785	0.000	86	132588	10.0	7.06	
18 Acrolein	56	2.915	2.915	0.000	90	59088	50.0	20.7	
19 1,1-Dichloroethene	96	3.010	3.010	0.000	92	246398	10.0	10.3	
20 1,1,2-Trichloro-1,2,2-trif	151	3.022	3.022	0.000	83	223631	10.0	11.0	
21 Acetone	43	3.057	3.057	0.000	95	123787	20.0	19.1	
22 Iodomethane	142	3.152	3.152	0.000	98	352396	10.0	8.92	
24 Carbon disulfide	76	3.211	3.211	0.000	99	727000	10.0	9.36	
26 3-Chloro-1-propene	76	3.341	3.341	0.000	80	156415	10.0	9.40	
27 Methyl acetate	43	3.353	3.353	0.000	95	597233	50.0	39.4	
28 Methylene Chloride	84	3.448	3.448	0.000	73	285253	10.0	10.7	
29 2-Methyl-2-propanol	59	3.554	3.554	0.000	95	162014	100.0	84.5	
31 Acrylonitrile	53	3.684	3.684	0.000	84	610094	100.0	81.0	
32 Methyl tert-butyl ether	73	3.684	3.684	0.000	88	712520	10.0	9.51	
30 trans-1,2-Dichloroethene	96	3.684	3.684	0.000	63	275477	10.0	10.1	
33 Hexane	86	3.909	3.909	0.000	90	64212	10.0	9.85	
34 1,1-Dichloroethane	63	4.063	4.063	0.000	85	461054	10.0	10.2	
35 Vinyl acetate	43	4.098	4.098	0.000	97	156449	9.60	5.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 2,2-Dichloropropane	77	4.559	4.559	0.000	72	344485	10.0	9.44	
40 cis-1,2-Dichloroethene	96	4.559	4.559	0.000	70	287238	10.0	9.90	
41 2-Butanone (MEK)	43	4.583	4.583	0.000	89	126482	20.0	15.7	
45 Chlorobromomethane	128	4.772	4.772	0.000	79	143089	10.0	10.7	
46 Tetrahydrofuran	42	4.808	4.808	0.000	89	76317	20.0	12.6	
47 Chloroform	83	4.831	4.831	0.000	66	501547	10.0	11.4	
48 1,1,1-Trichloroethane	97	4.985	4.985	0.000	87	463063	10.0	11.6	
49 Cyclohexane	56	5.033	5.033	0.000	81	382222	10.0	8.92	
50 1,1-Dichloropropene	75	5.127	5.127	0.000	91	333123	10.0	10.1	
51 Carbon tetrachloride	117	5.127	5.127	0.000	79	394494	10.0	11.5	
52 Isobutyl alcohol	41	5.222	5.222	0.000	84	123174	250.0	198.0	
53 Benzene	78	5.305	5.305	0.000	94	1033839	10.0	9.94	
54 1,2-Dichloroethane	62	5.328	5.328	0.000	88	364103	10.0	11.2	
56 n-Heptane	100	5.506	5.506	0.000	80	57532	10.0	10.1	
58 Trichloroethene	130	5.849	5.849	0.000	92	272347	10.0	9.97	
60 Methylcyclohexane	83	6.014	6.014	0.000	84	427027	10.0	10.1	
61 1,2-Dichloropropane	63	6.050	6.050	0.000	87	218222	10.0	9.51	
63 Dibromomethane	93	6.156	6.156	0.000	90	139667	10.0	10.5	
64 1,4-Dioxane	88	6.168	6.168	0.000	37	39040	200.0	184.9	
65 Dichlorobromomethane	83	6.286	6.286	0.000	88	336270	10.0	10.7	
67 2-Chloroethyl vinyl ether	63	6.535	6.535	0.000	93	126119	20.0	14.3	
68 cis-1,3-Dichloropropene	75	6.677	6.677	0.000	89	342557	10.0	9.55	
69 4-Methyl-2-pentanone (MIBK	43	6.807	6.807	0.000	92	272526	20.0	16.3	
70 Toluene	91	6.972	6.972	0.000	92	1076946	10.0	9.84	
71 trans-1,3-Dichloropropene	75	7.162	7.162	0.000	89	282922	10.0	9.16	
72 Ethyl methacrylate	69	7.233	7.233	0.000	85	219193	10.0	8.96	
73 1,1,2-Trichloroethane	97	7.339	7.339	0.000	91	194945	10.0	10.1	
74 Tetrachloroethene	164	7.457	7.457	0.000	91	212684	10.0	9.52	
75 1,3-Dichloropropane	76	7.493	7.493	0.000	81	332033	10.0	9.66	
76 2-Hexanone	43	7.552	7.552	0.000	93	187066	20.0	16.4	
78 Chlorodibromomethane	129	7.706	7.706	0.000	86	216466	10.0	9.82	
80 Ethylene Dibromide	107	7.812	7.812	0.000	98	185871	10.0	9.77	
82 Chlorobenzene	112	8.262	8.262	0.000	92	672413	10.0	9.62	
83 1,1,1,2-Tetrachloroethane	131	8.333	8.333	0.000	78	270012	10.0	10.6	
84 Ethylbenzene	106	8.345	8.345	0.000	99	359805	10.0	9.35	
85 m-Xylene & p-Xylene	106	8.451	8.451	0.000	99	467914	10.0	9.79	
86 o-Xylene	106	8.841	8.841	0.000	95	454553	10.0	9.53	
87 Styrene	104	8.853	8.853	0.000	91	723684	10.0	9.59	
88 Bromoform	173	9.042	9.042	0.000	94	122814	10.0	8.70	
89 Isopropylbenzene	105	9.184	9.184	0.000	95	1298934	10.0	10.3	
92 1,1,2,2-Tetrachloroethane	83	9.480	9.480	0.000	88	241883	10.0	9.55	
93 Bromobenzene	156	9.492	9.492	0.000	85	291519	10.0	9.28	
94 1,2,3-Trichloropropane	110	9.527	9.527	0.000	79	85235	10.0	10.0	
95 trans-1,4-Dichloro-2-buten	53	9.539	9.539	0.000	49	29012	10.0	3.92	
96 N-Propylbenzene	120	9.575	9.575	0.000	96	339712	10.0	9.78	
97 2-Chlorotoluene	126	9.669	9.669	0.000	95	300929	10.0	10.0	
98 1,3,5-Trimethylbenzene	105	9.752	9.752	0.000	88	1145321	10.0	11.1	
99 4-Chlorotoluene	126	9.776	9.776	0.000	98	300841	10.0	9.62	
100 tert-Butylbenzene	119	10.072	10.072	0.000	83	990192	10.0	10.9	
102 1,2,4-Trimethylbenzene	105	10.119	10.119	0.000	79	1218794	10.0	11.2	
103 sec-Butylbenzene	105	10.284	10.284	0.000	95	1302542	10.0	10.5	
104 1,3-Dichlorobenzene	146	10.403	10.403	0.000	89	599132	10.0	9.72	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
105 4-Isopropyltoluene	119	10.426	10.426	0.000	86	1198025	10.0	11.0	
106 1,4-Dichlorobenzene	146	10.497	10.497	0.000	93	615880	10.0	9.65	
109 n-Butylbenzene	91	10.829	10.829	0.000	94	952103	10.0	10.6	
110 1,2-Dichlorobenzene	146	10.864	10.864	0.000	95	599889	10.0	10.1	
111 1,2-Dibromo-3-Chloropropan	157	11.645	11.645	0.000	72	48684	10.0	9.36	
113 1,2,4-Trichlorobenzene	180	12.461	12.461	0.000	90	381987	10.0	9.94	
114 Hexachlorobutadiene	225	12.626	12.626	0.000	91	176277	10.0	12.0	
115 Naphthalene	128	12.721	12.721	0.000	100	765815	10.0	8.64	
116 1,2,3-Trichlorobenzene	180	12.970	12.970	0.000	98	349921	10.0	10.4	
S 128 1,2-Dichloroethene, Total	96				0		20.0	20.0	
S 129 1,3-Dichloropropene, Total	75				0		20.0	18.7	
S 130 Xylenes, Total	106				0		20.0	19.3	
S 131 Trihalomethanes, Total	1				0		40.0	40.6	

Report Date: 20-May-2014 10:42:15 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0653.D

Injection Date: 19-May-2014 12:05:30 Instrument ID: A3UX10 Operator ID: 1644

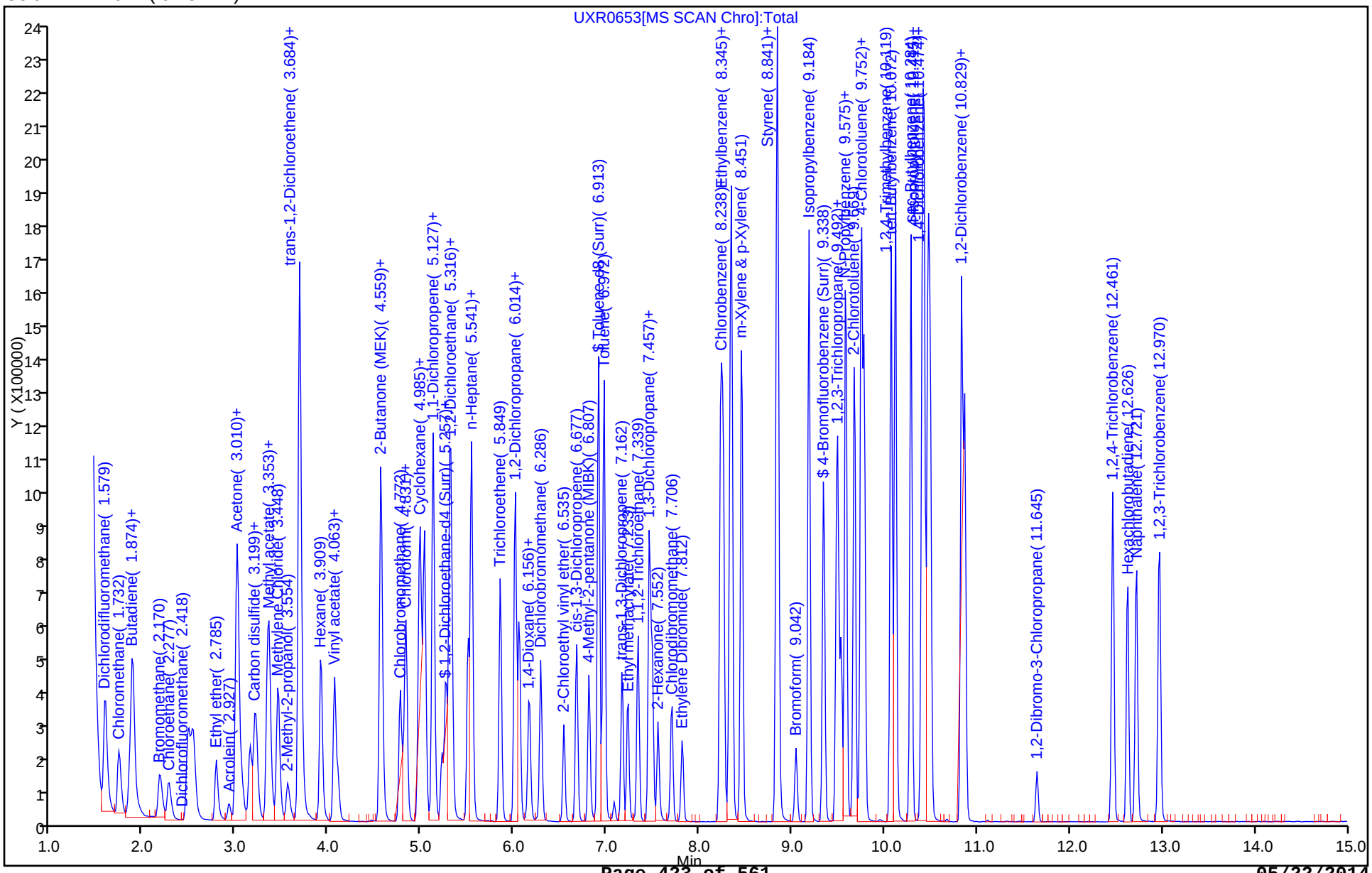
Lims ID: CCVIS L4 8260 Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCV 240-131184/3 Calibration Date: 05/19/2014 12:28

Instrument ID: A3UX10 Calib Start Date: 03/13/2014 11:18

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/13/2014 13:09

Lab File ID: UXR0654.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0225	0.0192			0.100	-14.8	50.0
Isopropyl ether	Ave	0.2178	0.2016			0.0100	-7.4	50.0
Chloroprene	Ave	0.3572	0.3548			0.0100	-0.7	50.0
Tert-butyl ethyl ether	Ave	0.7038	0.6373			0.0100	-9.5	50.0
Ethyl acetate	Ave	0.1066	0.1065			0.0200	-0.1	50.0
Propionitrile	Ave	0.0242	0.0224			0.100	-7.5	50.0
Methacrylonitrile	Ave	0.1093	0.0882			0.100	-19.3	50.0
Tert-amyl methyl ether	Ave	0.6281	0.5707			0.0100	-9.1	50.0
n-Butanol	Ave	0.0057	0.0046			0.250	-20.0	50.0
Ethyl acrylate	Ave	0.1629	0.1532			0.0100	-6.0	50.0
Methyl methacrylate	Ave	0.1292	0.1099			0.0200	-14.9	50.0
2-Nitropropane	Ave	0.0400	0.0258			0.0200	-35.5	50.0
Cyclohexanone	Ave	0.0118	0.0098			0.100	-17.2	50.0
Pentachloroethane	Ave	0.2249	0.2085		0.0185	0.0200	-7.3	50.0
1,2,3-Trimethylbenzene	Ave	2.250	2.660		0.0118	0.0100	18.2	50.0
Benzyl chloride	Ave	0.2092	0.2008			0.0100	-4.0	50.0
1,3,5-Trichlorobenzene	Ave	0.8988	1.003			0.0100	11.6	50.0
2-Methylnaphthalene	Ave	0.9347	0.6111			0.0200	-34.6	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0654.D
Lims ID: CCV A9 L4
Client ID:
Sample Type: CCV
Inject. Date: 19-May-2014 12:28:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-003
Operator ID: 1644 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub61

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:16 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.545	0.000	99	1110522	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.230	8.230	0.000	85	802733	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.465	10.465	0.000	96	430189	10.0	10.0	
25 Acetonitrile	41	3.333	3.333	0.000	99	212946	100.0	85.2	
36 Isopropyl ether	87	4.101	4.101	0.000	87	223901	10.0	9.26	
37 2-Chloro-1,3-butadiene	53	4.137	4.137	0.000	92	393984	10.0	9.93	
38 Tert-butyl ethyl ether	59	4.409	4.409	0.000	93	707737	10.0	9.05	
42 Ethyl acetate	43	4.622	4.622	0.000	97	236423	20.0	20.0	
43 Propionitrile	54	4.646	4.646	0.000	97	248675	100.0	92.5	
44 Methacrylonitrile	41	4.764	4.764	0.000	89	979106	100.0	80.7	
55 Tert-amyl methyl ether	73	5.379	5.379	0.000	96	633761	10.0	9.09	
57 n-Butanol	56	5.781	5.781	0.000	87	92074	250.0	199.9	
59 Ethyl acrylate	55	5.935	5.935	0.000	97	170095	10.0	9.40	
62 Methyl methacrylate	41	6.136	6.136	0.000	79	244142	20.0	17.0	
66 2-Nitropropane	41	6.503	6.503	0.000	97	57340	20.0	12.9	
77 n-Butyl acetate	56	7.650	7.650	0.000	96	82653	10.0	10.2	
81 1-Chlorohexane	91	8.218	8.218	0.000	90	280905	10.0	10.8	
91 Cyclohexanone	55	9.306	9.306	0.000	86	41947	100.0	82.8	
101 Pentachloroethane	167	10.099	10.099	0.000	0	334734	20.0	18.5	
107 1,2,3-Trimethylbenzene	105	10.536	10.536	0.000	97	1144274	10.0	11.8	
108 Benzyl chloride	126	10.631	10.631	0.000	0	86396	10.0	9.60	
112 1,3,5-Trichlorobenzene	180	11.837	11.837	0.000	93	431608	10.0	11.2	
117 2-Methylnaphthalene	142	14.026	14.026	0.000	92	525798	20.0	13.1	

Report Date: 20-May-2014 10:42:16 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0654.D

Injection Date: 19-May-2014 12:28:30 Instrument ID: A3UX10 Operator ID: 1644

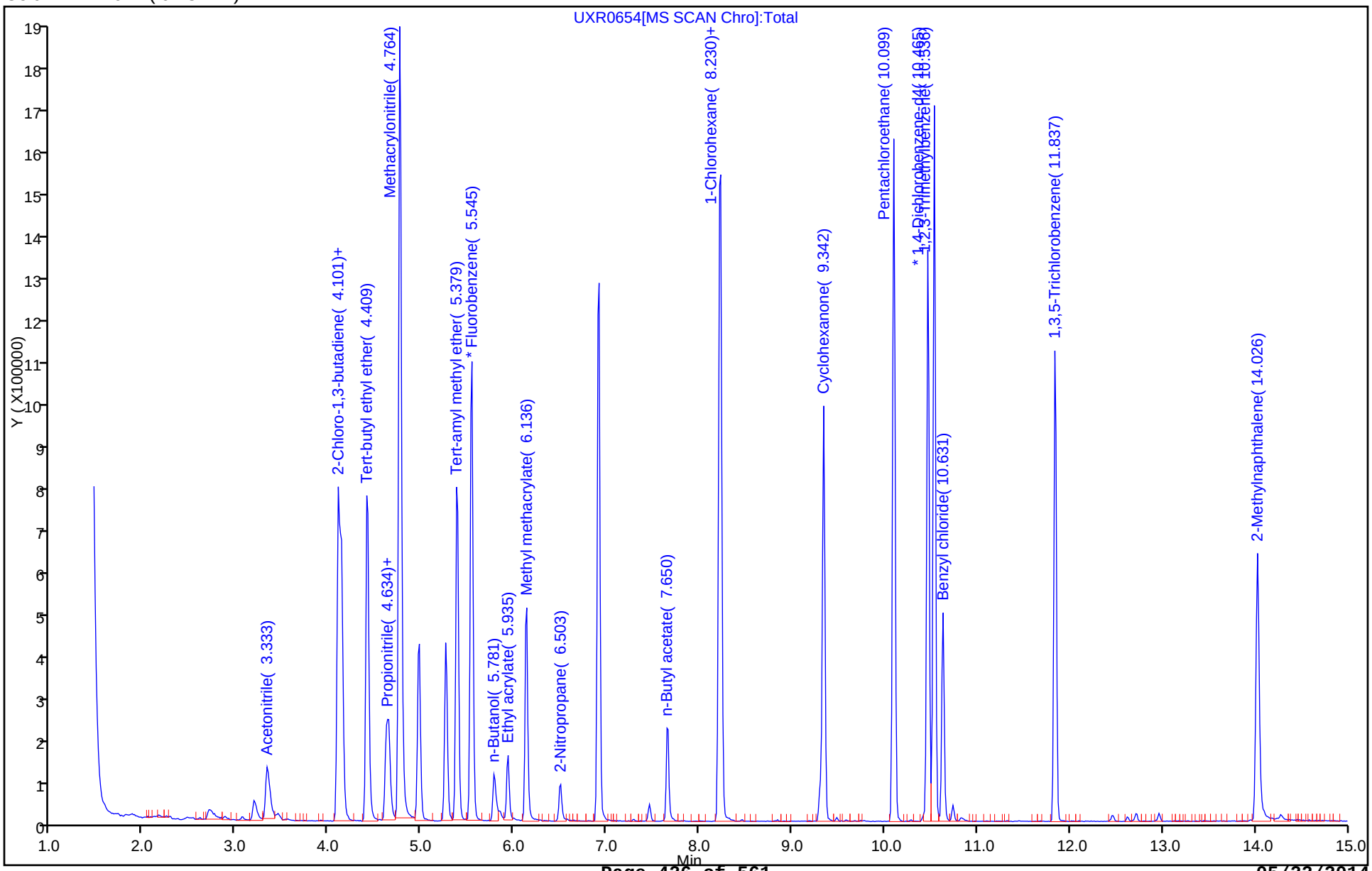
Lims ID: CCV A9 L4 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCV 240-131184/3 Calibration Date: 05/19/2014 12:28

Instrument ID: A3UX10 Calib Start Date: 03/20/2014 23:55

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/21/2014 01:48

Lab File ID: UXR0654.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1-Chlorohexane	Ave	0.3241	0.3499			0.0100	8.0	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0654.D
Lims ID: CCV A9 L4
Client ID:
Sample Type: CCV
Inject. Date: 19-May-2014 12:28:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-003
Operator ID: 1644 Instrument ID: A3UX10
Sublist: chrom-8260_10*sub61

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:16 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.545	0.000	99	1110522	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.230	8.230	0.000	85	802733	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.465	10.465	0.000	96	430189	10.0	10.0	
25 Acetonitrile	41	3.333	3.333	0.000	99	212946	100.0	85.2	
36 Isopropyl ether	87	4.101	4.101	0.000	87	223901	10.0	9.26	
37 2-Chloro-1,3-butadiene	53	4.137	4.137	0.000	92	393984	10.0	9.93	
38 Tert-butyl ethyl ether	59	4.409	4.409	0.000	93	707737	10.0	9.05	
42 Ethyl acetate	43	4.622	4.622	0.000	97	236423	20.0	20.0	
43 Propionitrile	54	4.646	4.646	0.000	97	248675	100.0	92.5	
44 Methacrylonitrile	41	4.764	4.764	0.000	89	979106	100.0	80.7	
55 Tert-amyl methyl ether	73	5.379	5.379	0.000	96	633761	10.0	9.09	
57 n-Butanol	56	5.781	5.781	0.000	87	92074	250.0	199.9	
59 Ethyl acrylate	55	5.935	5.935	0.000	97	170095	10.0	9.40	
62 Methyl methacrylate	41	6.136	6.136	0.000	79	244142	20.0	17.0	
66 2-Nitropropane	41	6.503	6.503	0.000	97	57340	20.0	12.9	
77 n-Butyl acetate	56	7.650	7.650	0.000	96	82653	10.0	10.2	
81 1-Chlorohexane	91	8.218	8.218	0.000	90	280905	10.0	10.8	
91 Cyclohexanone	55	9.306	9.306	0.000	86	41947	100.0	82.8	
101 Pentachloroethane	167	10.099	10.099	0.000	0	334734	20.0	18.5	
107 1,2,3-Trimethylbenzene	105	10.536	10.536	0.000	97	1144274	10.0	11.8	
108 Benzyl chloride	126	10.631	10.631	0.000	0	86396	10.0	9.60	
112 1,3,5-Trichlorobenzene	180	11.837	11.837	0.000	93	431608	10.0	11.2	
117 2-Methylnaphthalene	142	14.026	14.026	0.000	92	525798	20.0	13.1	

Report Date: 20-May-2014 10:42:16 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0654.D

Injection Date: 19-May-2014 12:28:30 Instrument ID: A3UX10 Operator ID: 1644

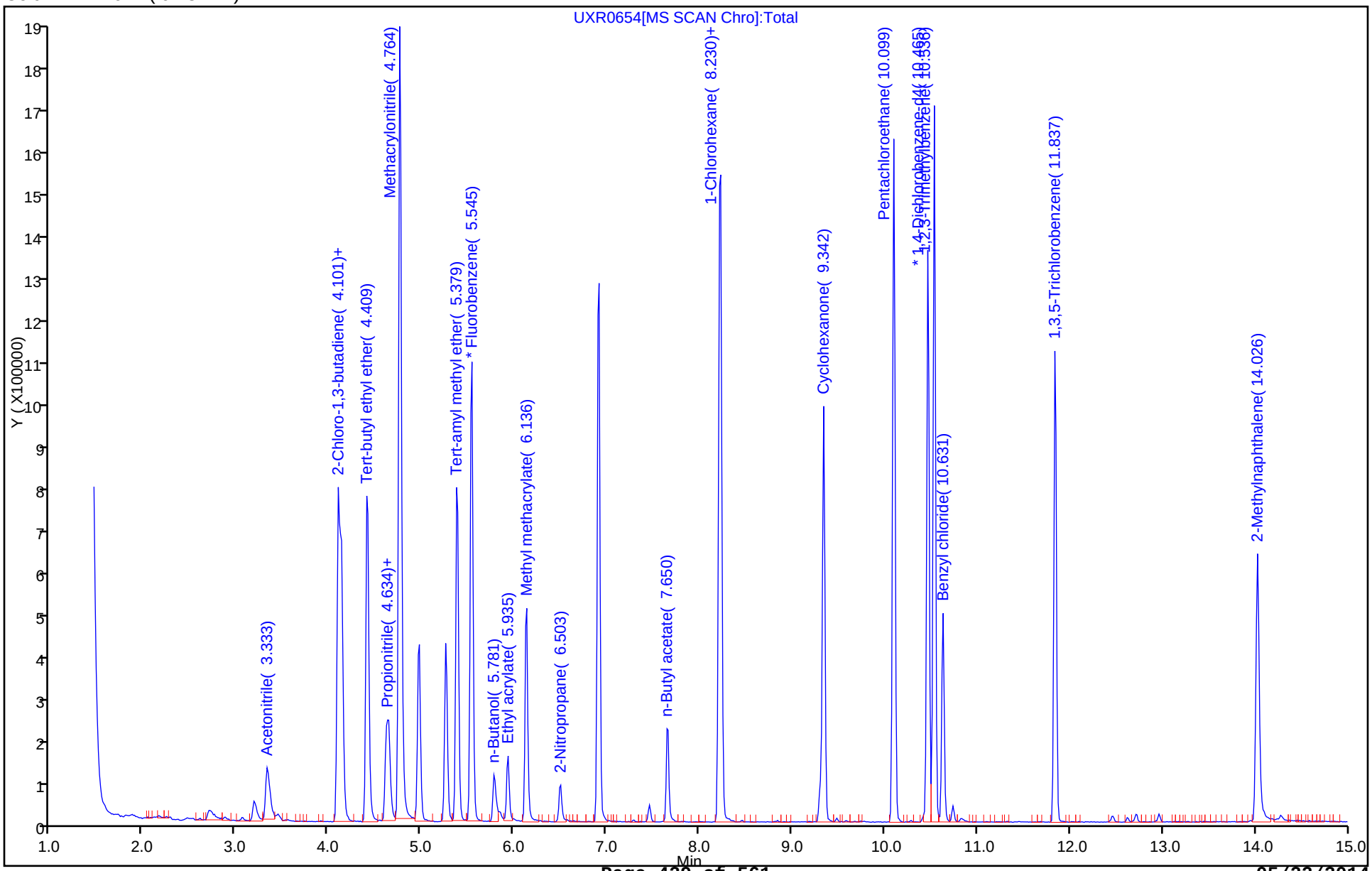
Lims ID: CCV A9 L4 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-130073/15 Calibration Date: 05/09/2014 19:24

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2014 16:18

Lab File ID: UXJ8186.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2859	0.2457		0.00717	0.00834	-14.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3130		0.00658	0.00834	-21.1	50.0
Toluene-d8 (Surr)	Ave	1.968	1.641		0.00696	0.00834	-16.6	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.3984		0.00728	0.00834	-12.7	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D
Lims ID: ICV A9
Client ID:
Sample Type: ICV
Inject. Date: 09-May-2014 19:24:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-015
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist:

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:17 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: evansle Date: 10-May-2014 10:11:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1305554	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	728191	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	230859	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.804	0.011	96	267546	8.34	7.17	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	92	340844	8.34	6.58	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	85	996707	8.34	6.96	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	86	241959	8.34	7.28	
27 Acetonitrile	41	3.218	3.218	0.000	99	274138	100.0	91.4	
37 Isopropyl ether	87	3.987	3.987	0.000	91	398124	10.0	10.6	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	649045	10.0	10.5	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1207808	10.0	10.2	
42 Ethyl acetate	43	4.460	4.461	-0.001	98	382355	20.0	17.5	
43 Propionitrile	54	4.460	4.461	-0.001	98	393620	100.0	95.3	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	2146000	100.0	100.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1093960	10.0	10.1	
58 n-Butanol	56	5.585	5.585	0.000	89	113431	250.0	217.3	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	398095	10.0	10.6	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	557821	20.0	19.6	
68 2-Nitropropane	41	6.295	6.295	0.000	99	119017	20.0	18.9	
79 n-Butyl acetate	43	7.478	7.478	0.000	96	218110	10.0	8.87	
92 Cyclohexanone	55	9.123	9.123	0.000	86	34261	100.0	76.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	124460	20.0	19.7	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	664483	10.0	10.0	
110 Benzyl chloride	126	10.460	10.472	-0.012	0	49489	10.0	9.24	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	97	236701	10.0	9.64	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	88	397641	20.0	15.4	

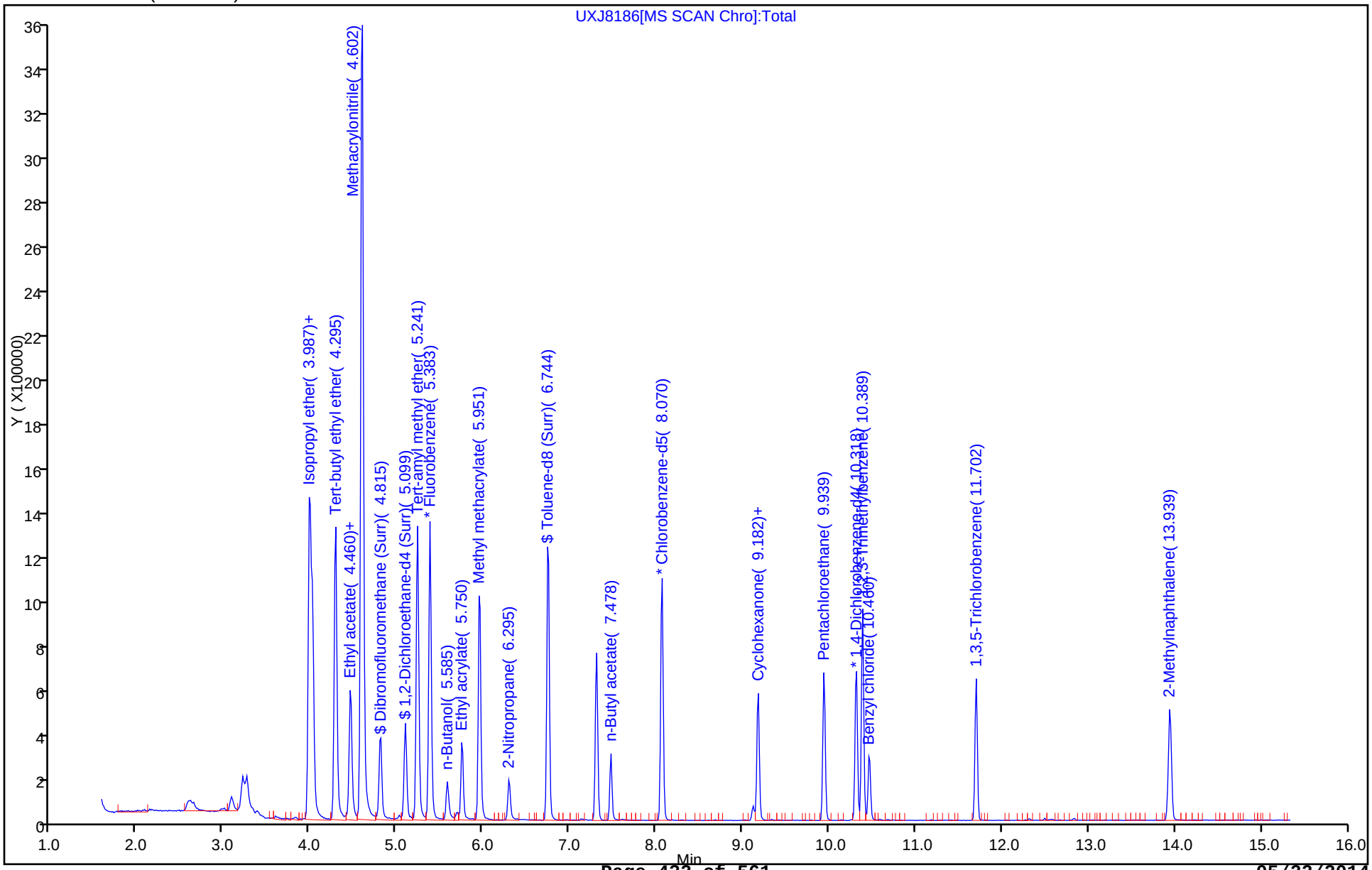
Report Date: 10-May-2014 10:12:17 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D

Injection Date:	09-May-2014 19:24:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	ICV A9			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-130073/15 Calibration Date: 05/09/2014 19:24

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 16:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2014 18:38

Lab File ID: UXJ8186.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0230	0.0210			0.100	-8.6	50.0
Isopropyl ether	Ave	0.2871	0.3050			0.0100	6.2	50.0
Chloroprene	Ave	0.4751	0.4971			0.0100	4.6	50.0
Tert-butyl ethyl ether	Ave	0.9043	0.9251			0.0100	2.3	50.0
Ethyl acetate	Ave	0.1671	0.1464			0.0200	-12.4	50.0
Propionitrile	Ave	0.0316	0.0302			0.100	-4.7	50.0
Methacrylonitrile	Ave	0.1635	0.1644			0.100	0.5	50.0
Tert-amyl methyl ether	Ave	0.8337	0.8379			0.0100	0.5	50.0
n-Butanol	Ave	0.0072	0.0062			0.250	-13.1	50.0
Ethyl acrylate	Ave	0.2879	0.3049			0.0100	5.9	50.0
Methyl methacrylate	Ave	0.2180	0.2136			0.0200	-2.0	50.0
2-Nitropropane	Ave	0.0483	0.0456			0.0200	-5.7	50.0
Cyclohexanone	Qua		0.0148			0.100	-23.2	50.0
Pentachloroethane	Qua		0.0855		0.0197	0.0200	-1.3	50.0
1,2,3-Trimethylbenzene	Ave	2.881	2.878		0.00999	0.0100	-0.0	50.0
Benzyl chloride	Qua		0.2144			0.0100	-7.6	50.0
1,3,5-Trichlorobenzene	Ave	1.064	1.025			0.0100	-3.6	50.0
2-Methylnaphthalene	Ave	1.117	0.8612			0.0200	-22.9	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D
Lims ID: ICV A9
Client ID:
Sample Type: ICV
Inject. Date: 09-May-2014 19:24:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0030871-015
Misc. Info.: J40509A-IC,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist:

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:12:17 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: evansle Date: 10-May-2014 10:11:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1305554	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	728191	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	230859	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.804	0.011	96	267546	8.34	7.17	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	92	340844	8.34	6.58	
$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	85	996707	8.34	6.96	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	86	241959	8.34	7.28	
27 Acetonitrile	41	3.218	3.218	0.000	99	274138	100.0	91.4	
37 Isopropyl ether	87	3.987	3.987	0.000	91	398124	10.0	10.6	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	649045	10.0	10.5	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1207808	10.0	10.2	
42 Ethyl acetate	43	4.460	4.461	-0.001	98	382355	20.0	17.5	
43 Propionitrile	54	4.460	4.461	-0.001	98	393620	100.0	95.3	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	2146000	100.0	100.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1093960	10.0	10.1	
58 n-Butanol	56	5.585	5.585	0.000	89	113431	250.0	217.3	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	398095	10.0	10.6	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	557821	20.0	19.6	
68 2-Nitropropane	41	6.295	6.295	0.000	99	119017	20.0	18.9	
79 n-Butyl acetate	43	7.478	7.478	0.000	96	218110	10.0	8.87	
92 Cyclohexanone	55	9.123	9.123	0.000	86	34261	100.0	76.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	124460	20.0	19.7	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	664483	10.0	10.0	
110 Benzyl chloride	126	10.460	10.472	-0.012	0	49489	10.0	9.24	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	97	236701	10.0	9.64	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	88	397641	20.0	15.4	

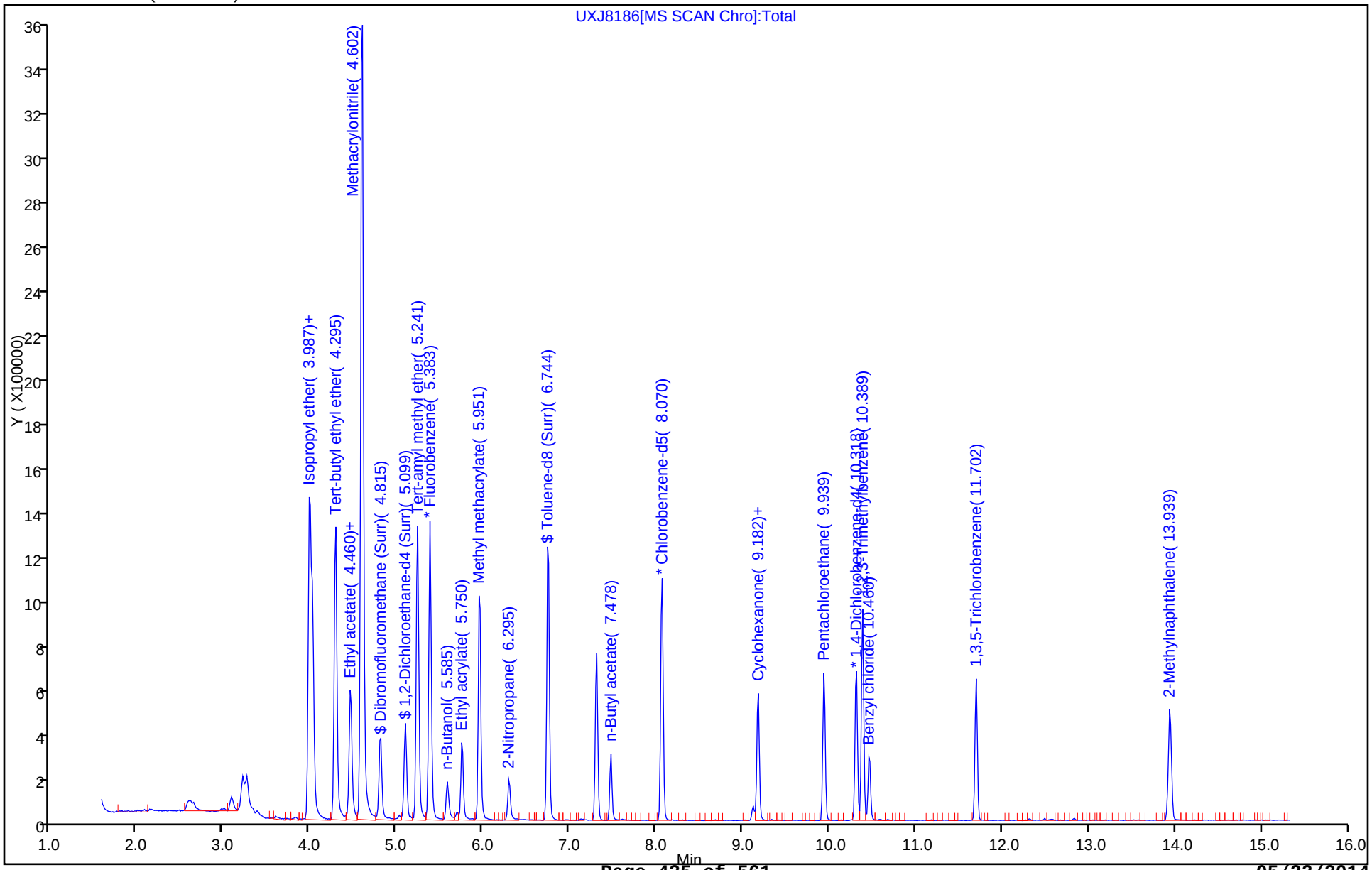
Report Date: 10-May-2014 10:12:17 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D

Injection Date:	09-May-2014 19:24:30	Instrument ID:	A3UX11	Operator ID:	43582
Lims ID:	ICV A9			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_11	Limit Group:	MSV 8260B ICAL		

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131072/2 Calibration Date: 05/17/2014 11:01

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2014 16:18

Lab File ID: UXJ8453.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1985	0.1872			0.0100	-5.7	50.0
Chloromethane	Ave	0.1970	0.2060	0.1000		0.0100	4.5	50.0
Vinyl chloride	Ave	0.2108	0.2155			0.0100	2.2	20.0
Butadiene	Ave	0.1830	0.1901		0.0104	0.0100	3.9	50.0
Bromomethane	Ave	0.0911	0.0983			0.0100	7.8	50.0
Chloroethane	Ave	0.1136	0.1182			0.0100	4.1	50.0
Dichlorofluoromethane	Ave	0.2275	0.2260			0.0100	-0.7	50.0
Trichlorofluoromethane	Ave	0.1958	0.1856			0.0100	-5.2	50.0
Ethyl ether	Ave	0.2509	0.2348			0.0100	-6.4	50.0
Acrolein	Ave	0.0215	0.0195			0.0500	-9.4	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1135	0.1174			0.0100	3.4	50.0
1,1-Dichloroethene	Ave	0.2072	0.2137			0.0100	3.1	20.0
Acetone	Lin1		0.0594			0.0200	-28.6	50.0
Iodomethane	Ave	0.2505	0.2685			0.0100	7.2	50.0
Carbon disulfide	Ave	0.4821	0.5096			0.0100	5.7	50.0
3-Chloro-1-propene	Ave	0.1996	0.2167			0.0100	8.6	50.0
Methyl acetate	Ave	0.1930	0.1648			0.0500	-14.6	50.0
Methylene Chloride	Ave	0.2532	0.2691			0.0100	6.3	50.0
2-Methyl-2-propanol	Ave	0.0162	0.0126			0.100	-22.5	50.0
Acrylonitrile	Ave	0.0921	0.0826			0.100	-10.3	50.0
Methyl tert-butyl ether	Ave	0.8562	0.7819			0.0100	-8.7	50.0
trans-1,2-Dichloroethene	Ave	0.3256	0.3349			0.0100	2.8	50.0
Hexane	Ave	0.0680	0.0707			0.0100	4.0	20.0
1,1-Dichloroethane	Ave	0.5894	0.6109	0.1000		0.0100	3.6	50.0
Vinyl acetate	Ave	0.3779	0.2806			0.00960	-25.8	50.0
2-Butanone	Ave	0.1100	0.0874			0.0200	-20.5	50.0
cis-1,2-Dichloroethene	Ave	0.3496	0.3474			0.0100	-0.6	50.0
2,2-Dichloropropane	Ave	0.2677	0.2371			0.0100	-11.4	50.0
Chlorobromomethane	Ave	0.1651	0.1632			0.0100	-1.2	50.0
Chloroform	Ave	0.5712	0.5734			0.0100	0.4	20.0
Tetrahydrofuran	Ave	0.0700	0.0513			0.0200	-26.6	50.0
1,1,1-Trichloroethane	Ave	0.3580	0.3421			0.0100	-4.4	50.0
Cyclohexane	Ave	0.3609	0.3696			0.0100	2.4	50.0
1,1-Dichloropropene	Ave	0.4262	0.4200			0.0100	-1.5	50.0
Carbon tetrachloride	Ave	0.2899	0.2814			0.0100	-2.9	50.0
Isobutanol	Lin1		0.0088			0.250	-11.6	50.0
1,2-Dichloroethane	Ave	0.4746	0.4395			0.0100	-7.4	50.0
Benzene	Ave	1.340	1.345			0.0100	0.4	50.0
n-Heptane	Ave	0.0635	0.0671			0.0100	5.6	50.0
Trichloroethene	Ave	0.3264	0.3268			0.0100	0.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131072/2 Calibration Date: 05/17/2014 11:01

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2014 16:18

Lab File ID: UXJ8453.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3696	0.3691			0.0100	-0.1	50.0
1,2-Dichloropropane	Ave	0.3197	0.3323			0.0100	4.0	20.0
Dibromomethane	Ave	0.1706	0.1578			0.0100	-7.5	50.0
1,4-Dioxane	Qua		0.0012			0.200	-45.7	50.0
Bromodichloromethane	Ave	0.3780	0.3786			0.0100	0.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1604	0.1095			0.0200	-31.7	50.0
cis-1,3-Dichloropropene	Ave	0.4326	0.3993			0.0100	-7.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1865	0.1390			0.0200	-25.5	50.0
Toluene	Ave	2.289	2.471			0.0100	8.0	20.0
trans-1,3-Dichloropropene	Ave	0.6470	0.6426			0.0100	-0.7	50.0
Ethyl methacrylate	Ave	0.5358	0.4547			0.0100	-15.1	50.0
1,1,2-Trichloroethane	Ave	0.4427	0.4490			0.0100	1.4	50.0
1,3-Dichloropropane	Ave	0.7710	0.7537			0.0100	-2.2	50.0
Tetrachloroethene	Ave	0.3773	0.4129			0.0100	9.4	50.0
2-Hexanone	Ave	0.2106	0.1589			0.0200	-24.5	50.0
Dibromochloromethane	Ave	0.3928	0.3918			0.0100	-0.2	50.0
Ethylene Dibromide	Ave	0.3886	0.3637			0.0100	-6.4	50.0
Chlorobenzene	Ave	1.267	1.212	0.3000		0.0100	-4.4	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4035	0.4187			0.0100	3.8	50.0
Ethylbenzene	Ave	0.6552	0.6283			0.0100	-4.1	20.0
m-Xylene & p-Xylene	Ave	0.7899	0.7501			0.0100	-5.0	50.0
o-Xylene	Ave	0.7034	0.6738			0.0100	-4.2	50.0
Styrene	Ave	1.201	1.118			0.0100	-6.9	50.0
Bromoform	Ave	0.1659	0.1462	0.1000		0.0100	-11.8	50.0
Isopropylbenzene	Ave	1.620	1.508			0.0100	-6.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9139	0.7216	0.3000		0.0100	-21.0	50.0
Bromobenzene	Ave	1.066	0.8979			0.0100	-15.8	50.0
1,2,3-Trichloropropane	Ave	0.3183	0.2482			0.0100	-22.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2605	0.1740			0.0100	-33.2	50.0
N-Propylbenzene	Ave	1.039	0.8971			0.0100	-13.6	50.0
2-Chlorotoluene	Ave	0.9005	0.7932			0.0100	-11.9	50.0
1,3,5-Trimethylbenzene	Ave	2.930	2.674			0.0100	-8.7	50.0
4-Chlorotoluene	Ave	0.9692	0.9117			0.0100	-5.9	50.0
tert-Butylbenzene	Ave	2.418	2.078			0.0100	-14.1	50.0
1,2,4-Trimethylbenzene	Ave	2.995	2.805			0.0100	-6.3	50.0
sec-Butylbenzene	Ave	3.303	3.056			0.0100	-7.5	50.0
1,3-Dichlorobenzene	Ave	1.744	1.759			0.0100	0.9	50.0
4-Isopropyltoluene	Ave	2.738	2.666			0.0100	-2.6	50.0
1,4-Dichlorobenzene	Ave	1.844	1.835			0.0100	-0.5	50.0
n-Butylbenzene	Ave	2.267	2.226			0.0100	-1.8	50.0
1,2-Dichlorobenzene	Ave	1.737	1.738			0.0100	0.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131072/2 Calibration Date: 05/17/2014 11:01

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2014 16:18

Lab File ID: UXJ8453.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1379	0.1082			0.0100	-21.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9562	0.7573			0.0100	-20.8	50.0
Hexachlorobutadiene	Ave	0.3972	0.3527			0.0100	-11.2	50.0
Naphthalene	Ave	2.399	1.525			0.0100	-36.4	50.0
1,2,3-Trichlorobenzene	Ave	0.8915	0.6764			0.0100	-24.1	50.0
Dibromofluoromethane (Surr)	Ave	0.2859	0.2374		0.00693	0.00834	-16.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.2894		0.00609	0.00834	-27.0	50.0
Toluene-d8 (Surr)	Ave	1.968	1.786		0.00757	0.00834	-9.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.4284		0.00783	0.00834	-6.1	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8453.D
Lims ID: CCVIS L4 8260
Client ID:
Sample Type: CCVIS
Inject. Date: 17-May-2014 11:01:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031107-002
Misc. Info.: J40517A,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub42

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:43 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1413155	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	85	672231	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	87	282786	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	98	279829	8.34	6.93	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	90	341102	8.34	6.09	
$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	92	1001379	8.34	7.57	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	84	240166	8.34	7.83	
9 Dichlorodifluoromethane	85	1.668	1.668	0.000	98	264581	10.0	9.43	
11 Chloromethane	50	1.822	1.822	0.000	100	291033	10.0	10.5	
12 Vinyl chloride	62	1.928	1.928	0.000	98	304506	10.0	10.2	
124 Butadiene	54	1.964	1.964	0.000	0	268576	10.0	10.4	
14 Bromomethane	94	2.236	2.236	0.000	88	138902	10.0	10.8	
15 Chloroethane	64	2.331	2.331	0.000	99	167079	10.0	10.4	
16 Dichlorofluoromethane	67	2.484	2.484	0.000	97	319325	10.0	9.93	
17 Trichlorofluoromethane	101	2.544	2.544	0.000	96	262243	10.0	9.48	
18 Ethyl ether	59	2.757	2.757	0.000	88	331843	10.0	9.36	
19 Acrolein	56	2.875	2.875	0.000	94	137733	50.0	45.3	
20 1,1-Dichloroethene	96	2.993	2.993	0.000	99	301933	10.0	10.3	
22 Acetone	43	2.993	2.993	0.000	48	167983	20.0	14.3	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	70	165884	10.0	10.3	
24 Iodomethane	142	3.135	3.135	0.000	96	379355	10.0	10.7	
25 Carbon disulfide	76	3.194	3.194	0.000	98	720081	10.0	10.6	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	85	306260	10.0	10.9	
29 Methyl acetate	43	3.265	3.265	0.000	96	1164632	50.0	42.7	
28 Methylene Chloride	84	3.372	3.372	0.000	83	380330	10.0	10.6	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	95	177323	100.0	77.5	
31 Acrylonitrile	53	3.561	3.561	0.000	98	1167014	100.0	89.7	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	95	1104878	10.0	9.13	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	96	473191	10.0	10.3	
34 Hexane	86	3.833	3.833	0.000	92	99933	10.0	10.4	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	863255	10.0	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.963	3.963	0.000	97	380609	9.60	7.13	
45 2-Butanone (MEK)	43	4.425	4.425	0.000	50	247090	20.0	15.9	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	84	490949	10.0	9.94	
41 2,2-Dichloropropane	77	4.437	4.437	0.000	82	335108	10.0	8.86	
44 Chlorobromomethane	128	4.626	4.626	0.000	94	230564	10.0	9.88	
46 Tetrahydrofuran	42	4.673	4.673	0.000	89	145071	20.0	14.7	
47 Chloroform	83	4.673	4.673	0.000	95	810251	10.0	10.0	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	483477	10.0	9.56	
50 Cyclohexane	56	4.910	4.910	0.000	89	522262	10.0	10.2	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	96	593516	10.0	9.85	
52 Carbon tetrachloride	117	4.993	4.993	0.000	80	397707	10.0	9.71	
53 Isobutyl alcohol	41	5.028	5.028	0.000	88	147611	250.0	221.0	
54 Benzene	78	5.159	5.159	0.000	95	1900664	10.0	10.0	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	53	621012	10.0	9.26	
57 n-Heptane	100	5.372	5.372	0.000	88	94777	10.0	10.6	
59 Trichloroethene	130	5.703	5.703	0.000	97	461751	10.0	10.0	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	521563	10.0	9.99	
62 1,2-Dichloropropane	63	5.892	5.892	0.000	94	469643	10.0	10.4	
63 Dibromomethane	93	5.987	5.987	0.000	88	223050	10.0	9.25	
64 1,4-Dioxane	88	5.999	5.999	0.000	28	34377	200.0	108.5	
66 Dichlorobromomethane	83	6.117	6.117	0.000	100	535047	10.0	10.0	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	92	309480	20.0	13.7	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	89	564213	10.0	9.23	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	96	392723	20.0	14.9	
71 Toluene	91	6.815	6.815	0.000	92	1661351	10.0	10.8	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	431956	10.0	9.93	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	305664	10.0	8.49	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	90	301852	10.0	10.1	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	506624	10.0	9.78	
75 Tetrachloroethene	164	7.312	7.312	0.000	82	277569	10.0	10.9	
77 2-Hexanone	43	7.371	7.371	0.000	97	213609	20.0	15.1	
78 Chlorodibromomethane	129	7.525	7.525	0.000	89	263394	10.0	9.98	
81 Ethylene Dibromide	107	7.644	7.644	0.000	98	244467	10.0	9.36	
82 Chlorobenzene	112	8.093	8.093	0.000	93	814643	10.0	9.56	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	90	281443	10.0	10.4	
85 Ethylbenzene	106	8.188	8.188	0.000	98	422379	10.0	9.59	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	96	504220	10.0	9.50	
88 o-Xylene	106	8.685	8.685	0.000	94	452970	10.0	9.58	
87 Styrene	104	8.685	8.685	0.000	90	751226	10.0	9.31	
89 Bromoform	173	8.874	8.874	0.000	95	98300	10.0	8.82	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	1013722	10.0	9.31	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	95	204057	10.0	7.90	
94 Bromobenzene	156	9.336	9.336	0.000	94	253913	10.0	8.42	
95 1,2,3-Trichloropropane	110	9.347	9.347	0.000	74	70179	10.0	7.80	
97 trans-1,4-Dichloro-2-buten	53	9.359	9.359	0.000	60	49215	10.0	6.68	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	253692	10.0	8.64	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	224308	10.0	8.81	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	92	756284	10.0	9.13	
100 4-Chlorotoluene	126	9.620	9.620	0.000	98	257809	10.0	9.41	
101 tert-Butylbenzene	119	9.927	9.927	0.000	80	587492	10.0	8.59	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	96	793278	10.0	9.37	
106 sec-Butylbenzene	105	10.140	10.140	0.000	93	864190	10.0	9.25	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	89	497533	10.0	10.1	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	753914	10.0	9.74	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	91	519006	10.0	9.95	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	629464	10.0	9.82	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	491548	10.0	10.0	
113 1,2-Dibromo-3-Chloropropan	157	11.489	11.489	0.000	61	30605	10.0	7.85	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	91	214163	10.0	7.92	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	94	99727	10.0	8.88	
117 Naphthalene	128	12.578	12.578	0.000	96	431320	10.0	6.36	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	94	191275	10.0	7.59	
S 130 1,2-Dichloroethene, Total	96				0		20.0	20.2	
S 131 1,3-Dichloropropene, Total	75				0		20.0	19.2	
S 132 Xylenes, Total	106				0		20.0	19.1	
S 133 Trihalomethanes, Total	1				0		40.0	38.8	

Report Date: 19-May-2014 09:02:44 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8453.D

Injection Date: 17-May-2014 11:01:30 Instrument ID: A3UX11 Operator ID: 43582

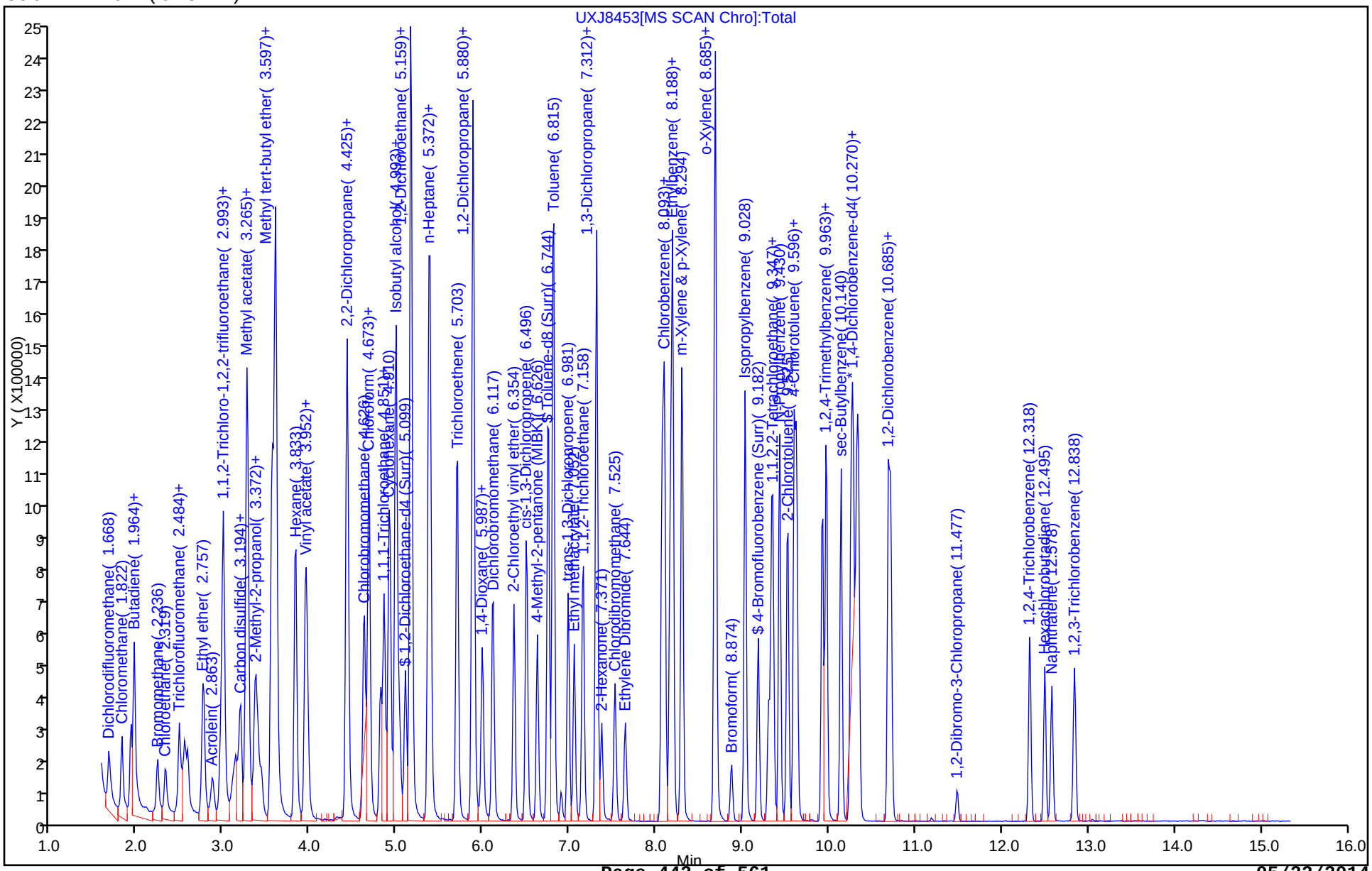
Lims ID: CCVIS L4 8260 Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCV 240-131072/3 Calibration Date: 05/17/2014 11:48

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2014 16:18

Lab File ID: UXJ8455.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2859	0.2423		0.00707	0.00834	-15.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.2977		0.00626	0.00834	-24.9	50.0
Toluene-d8 (Surr)	Ave	1.968	1.784		0.00756	0.00834	-9.3	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.3729		0.00682	0.00834	-18.3	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8455.D
Lims ID: CCV A9L4
Client ID:
Sample Type: CCV
Inject. Date: 17-May-2014 11:48:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031107-003
Misc. Info.: J40517A,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub49

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:45 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1344199	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	87	668537	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	92	214783	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	97	271646	8.34	7.07	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	92	333728	8.34	6.26	
$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	994623	8.34	7.56	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	83	207921	8.34	6.82	
27 Acetonitrile	41	3.230	3.230	0.000	99	300352	100.0	97.3	
37 Isopropyl ether	87	3.999	3.999	0.000	91	388374	10.0	10.1	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	671709	10.0	10.5	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	94	1194403	10.0	9.83	
42 Ethyl acetate	43	4.460	4.460	0.000	99	513078	20.0	22.8	
43 Propionitrile	54	4.472	4.472	0.000	84	387287	100.0	91.1	
48 Methacrylonitrile	41	4.602	4.602	0.000	92	2004917	100.0	91.2	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1011726	10.0	9.03	
58 n-Butanol	56	5.585	5.585	0.000	90	87104	250.0	181.8	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	349092	10.0	9.02	
65 Methyl methacrylate	41	5.963	5.963	0.000	89	521299	20.0	17.8	
68 2-Nitropropane	41	6.295	6.295	0.000	97	121574	20.0	18.7	
79 n-Butyl acetate	43	7.478	7.478	0.000	96	240234	10.0	9.48	
92 Cyclohexanone	55	9.123	9.123	0.000	77	28734	100.0	69.3	
103 Pentachloroethane	167	9.951	9.951	0.000	0	193662	20.0	30.7	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	574271	10.0	9.28	
110 Benzyl chloride	126	10.472	10.472	0.000	0	53636	10.0	10.6	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	95	229414	10.0	10.0	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	89	222034	20.0	9.26	

Report Date: 19-May-2014 09:02:45 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8455.D

Injection Date: 17-May-2014 11:48:30 Instrument ID: A3UX11 Operator ID: 43582

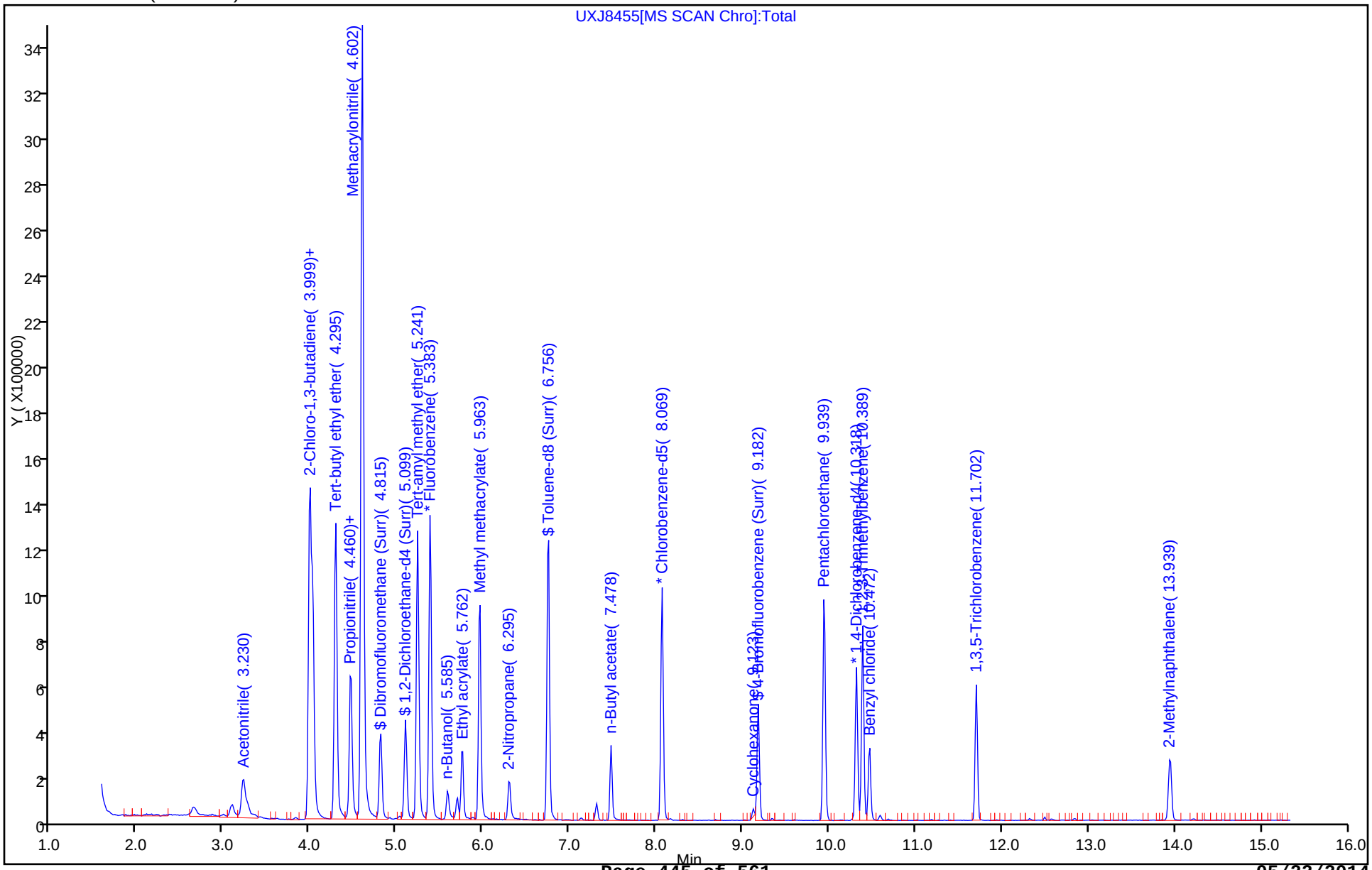
Lims ID: CCV A9L4 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCV 240-131072/3 Calibration Date: 05/17/2014 11:48

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 16:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2014 18:38

Lab File ID: UXJ8455.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0230	0.0223			0.100	-2.7	50.0
Isopropyl ether	Ave	0.2871	0.2889			0.0100	0.6	50.0
Chloroprene	Ave	0.4751	0.4997			0.0100	5.2	50.0
Tert-butyl ethyl ether	Ave	0.9043	0.8886			0.0100	-1.7	50.0
Ethyl acetate	Ave	0.1671	0.1909			0.0200	14.2	50.0
Propionitrile	Ave	0.0316	0.0288			0.100	-8.9	50.0
Methacrylonitrile	Ave	0.1635	0.1492			0.100	-8.8	50.0
Tert-amyl methyl ether	Ave	0.8337	0.7527			0.0100	-9.7	50.0
n-Butanol	Ave	0.0072	0.0052			0.250	-27.3	50.0
Ethyl acrylate	Ave	0.2879	0.2597			0.0100	-9.8	50.0
Methyl methacrylate	Ave	0.2180	0.1939			0.0200	-11.0	50.0
2-Nitropropane	Ave	0.0483	0.0452			0.0200	-6.4	50.0
Cyclohexanone	Qua		0.0134			0.100	-30.7	50.0
Pentachloroethane	Qua		0.1448		0.0307	0.0200	53.5*	50.0
1,2,3-Trimethylbenzene	Ave	2.881	2.674		0.00928	0.0100	-7.2	50.0
Benzyl chloride	Qua		0.2497			0.0100	5.8	50.0
1,3,5-Trichlorobenzene	Ave	1.064	1.068			0.0100	0.4	50.0
2-Methylnaphthalene	Ave	1.117	0.5169			0.0200	-53.7*	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8455.D
Lims ID: CCV A9L4
Client ID:
Sample Type: CCV
Inject. Date: 17-May-2014 11:48:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031107-003
Misc. Info.: J40517A,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11
Sublist: chrom-8260_11*sub49

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:45 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1344199	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	87	668537	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	92	214783	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	97	271646	8.34	7.07	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	92	333728	8.34	6.26	
$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	994623	8.34	7.56	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	83	207921	8.34	6.82	
27 Acetonitrile	41	3.230	3.230	0.000	99	300352	100.0	97.3	
37 Isopropyl ether	87	3.999	3.999	0.000	91	388374	10.0	10.1	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	671709	10.0	10.5	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	94	1194403	10.0	9.83	
42 Ethyl acetate	43	4.460	4.460	0.000	99	513078	20.0	22.8	
43 Propionitrile	54	4.472	4.472	0.000	84	387287	100.0	91.1	
48 Methacrylonitrile	41	4.602	4.602	0.000	92	2004917	100.0	91.2	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1011726	10.0	9.03	
58 n-Butanol	56	5.585	5.585	0.000	90	87104	250.0	181.8	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	349092	10.0	9.02	
65 Methyl methacrylate	41	5.963	5.963	0.000	89	521299	20.0	17.8	
68 2-Nitropropane	41	6.295	6.295	0.000	97	121574	20.0	18.7	
79 n-Butyl acetate	43	7.478	7.478	0.000	96	240234	10.0	9.48	
92 Cyclohexanone	55	9.123	9.123	0.000	77	28734	100.0	69.3	
103 Pentachloroethane	167	9.951	9.951	0.000	0	193662	20.0	30.7	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	574271	10.0	9.28	
110 Benzyl chloride	126	10.472	10.472	0.000	0	53636	10.0	10.6	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	95	229414	10.0	10.0	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	89	222034	20.0	9.26	

Report Date: 19-May-2014 09:02:45 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8455.D

Injection Date: 17-May-2014 11:48:30 Instrument ID: A3UX11 Operator ID: 43582

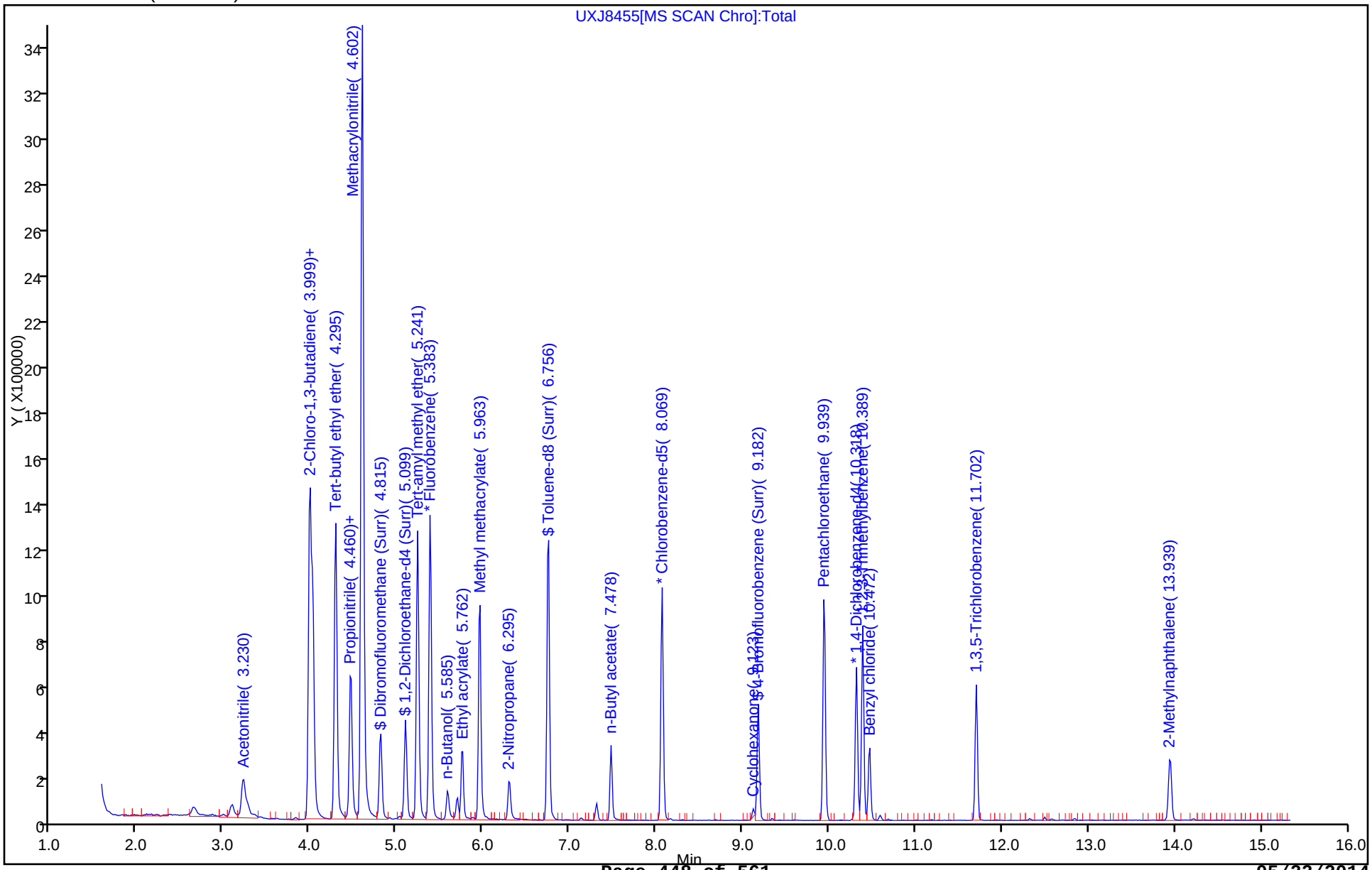
Lims ID: CCV A9L4 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-121946/14 Calibration Date: 03/10/2014 21:58

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR1551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3384	0.2698			0.0100	-20.3	50.0
Chloromethane	Ave	0.4004	0.3809	0.1000		0.0100	-4.9	50.0
Vinyl chloride	Ave	0.3805	0.3506			0.0100	-7.9	20.0
Butadiene	Ave	0.3615	0.3135		0.00867	0.0100	-13.3	50.0
Bromomethane	Ave	0.1460	0.1420			0.0100	-2.7	50.0
Chloroethane	Ave	0.1807	0.1708			0.0100	-5.5	50.0
Dichlorofluoromethane	Ave	0.3922	0.3824			0.0100	-2.5	50.0
Trichlorofluoromethane	Ave	0.3458	0.3092			0.0100	-10.6	50.0
Ethyl ether	Ave	0.2390	0.2451			0.0100	2.5	50.0
Acrolein	Ave	0.0340	0.0322			0.0500	-5.3	50.0
1,1-Dichloroethene	Ave	0.2460	0.2496			0.0100	1.5	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1992	0.1962			0.0100	-1.5	50.0
Acetone	Lin1		0.0723			0.0200	9.0	50.0
Iodomethane	Ave	0.3802	0.4050			0.0100	6.5	50.0
Carbon disulfide	Ave	0.7115	0.7588			0.0100	6.7	50.0
3-Chloro-1-propene	Ave	0.1443	0.1416			0.0100	-1.9	50.0
Methyl acetate	Ave	0.1753	0.1723			0.0500	-1.7	50.0
Methylene Chloride	Ave	0.3115	0.3125			0.0100	0.3	50.0
2-Methyl-2-propanol	Ave	0.0149	0.0131			0.100	-12.1	50.0
Acrylonitrile	Ave	0.0930	0.0968			0.100	4.0	50.0
Methyl tert-butyl ether	Ave	0.6503	0.6576			0.0100	1.1	50.0
trans-1,2-Dichloroethene	Ave	0.2865	0.2999			0.0100	4.7	50.0
Hexane	Ave	0.0716	0.0723			0.0100	1.0	20.0
1,1-Dichloroethane	Ave	0.5011	0.5176	0.1000		0.0100	3.3	50.0
Vinyl acetate	Lin1		0.3272			0.00800	18.8	50.0
2,2-Dichloropropane	Ave	0.2556	0.2445			0.0100	-4.4	50.0
2-Butanone	Ave	0.0979	0.0980			0.0200	0.1	50.0
cis-1,2-Dichloroethene	Ave	0.3100	0.3132			0.0100	1.0	50.0
Chlorobromomethane	Ave	0.1374	0.1379			0.0100	0.4	50.0
Tetrahydrofuran	Ave	0.0615	0.0646			0.0200	5.1	50.0
Chloroform	Ave	0.4577	0.4715			0.0100	3.0	20.0
1,1,1-Trichloroethane	Ave	0.3324	0.3462			0.0100	4.2	50.0
Cyclohexane	Ave	0.5040	0.5079			0.0100	0.8	50.0
1,1-Dichloropropene	Ave	0.3660	0.4081			0.0100	11.5	50.0
Carbon tetrachloride	Ave	0.2838	0.2990			0.0100	5.3	50.0
Isobutanol	Ave	0.0084	0.0079			0.250	-6.3	50.0
Benzene	Ave	1.246	1.265			0.0100	1.5	50.0
1,2-Dichloroethane	Ave	0.3457	0.3516			0.0100	1.7	50.0
n-Heptane	Ave	0.0671	0.0656			0.0100	-2.3	50.0
Trichloroethene	Ave	0.2941	0.2986			0.0100	1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-121946/14 Calibration Date: 03/10/2014 21:58

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR1551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4653	0.4589			0.0100	-1.4	50.0
1,2-Dichloropropane	Ave	0.2864	0.2907			0.0100	1.5	20.0
1,4-Dioxane	Ave	0.0024	0.0023			0.200	-6.1	50.0
Dibromomethane	Ave	0.1442	0.1469			0.0100	1.9	50.0
Bromodichloromethane	Ave	0.2988	0.3043			0.0100	1.9	50.0
2-Chloroethyl vinyl ether	Ave	0.1436	0.1465			0.0120	2.0	50.0
cis-1,3-Dichloropropene	Ave	0.3516	0.3720			0.0100	5.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1886	0.1971			0.0200	4.5	50.0
Toluene	Ave	1.653	1.703			0.0100	3.0	20.0
trans-1,3-Dichloropropene	Lin1		0.4017			0.0100	2.0	50.0
Ethyl methacrylate	Lin1		0.3875			0.0100	-4.3	50.0
1,1,2-Trichloroethane	Ave	0.3017	0.3020			0.0100	0.1	50.0
Tetrachloroethene	Ave	0.3106	0.3143			0.0100	1.2	50.0
1,3-Dichloropropane	Ave	0.5587	0.5718			0.0100	2.3	50.0
2-Hexanone	Ave	0.1665	0.1746			0.0200	4.9	50.0
Dibromochloromethane	Ave	0.2511	0.2654			0.0100	5.7	50.0
Ethylene Dibromide	Ave	0.2706	0.2774			0.0100	2.5	50.0
Chlorobenzene	Ave	1.049	1.064	0.3000		0.0100	1.5	50.0
1,1,1,2-Tetrachloroethane	Ave	0.2989	0.3124			0.0100	4.5	50.0
Ethylbenzene	Ave	0.5594	0.5724			0.0100	2.3	20.0
m-Xylene & p-Xylene	Ave	0.6865	0.7128			0.0100	3.8	50.0
o-Xylene	Ave	0.6582	0.6920			0.0100	5.1	50.0
Styrene	Ave	1.089	1.138			0.0100	4.5	50.0
Bromoform	Ave	0.1406	0.1476	0.1000		0.0100	4.9	50.0
Isopropylbenzene	Ave	1.692	1.776			0.0100	5.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.6449	0.3000		0.0100	-0.2	50.0
Bromobenzene	Ave	0.7591	0.7526			0.0100	-0.8	50.0
1,2,3-Trichloropropane	Ave	0.2009	0.2016			0.0100	0.4	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.1584			0.0100	1.2	50.0
N-Propylbenzene	Ave	0.8150	0.8379			0.0100	2.8	50.0
2-Chlorotoluene	Ave	0.7022	0.7077			0.0100	0.8	50.0
1,3,5-Trimethylbenzene	Ave	2.417	2.528			0.0100	4.6	50.0
4-Chlorotoluene	Ave	0.7494	0.7500			0.0100	0.0	50.0
tert-Butylbenzene	Ave	2.123	2.179			0.0100	2.6	50.0
1,2,4-Trimethylbenzene	Ave	2.538	2.606			0.0100	2.7	50.0
sec-Butylbenzene	Ave	2.968	3.018			0.0100	1.7	50.0
1,3-Dichlorobenzene	Ave	1.518	1.483			0.0100	-2.3	50.0
4-Isopropyltoluene	Ave	2.512	2.563			0.0100	2.0	50.0
1,4-Dichlorobenzene	Ave	1.557	1.504			0.0100	-3.4	50.0
n-Butylbenzene	Ave	2.166	2.143			0.0100	-1.1	50.0
1,2-Dichlorobenzene	Ave	1.448	1.422			0.0100	-1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: ICV 240-121946/14 Calibration Date: 03/10/2014 21:58

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR1551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0916			0.0100	-3.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9162	0.8521			0.0100	-7.0	50.0
Hexachlorobutadiene	Ave	0.4080	0.3095			0.0100	-24.1	50.0
Naphthalene	Ave	1.861	1.830			0.0100	-1.7	50.0
1,2,3-Trichlorobenzene	Ave	0.8779	0.7830			0.0100	-10.8	50.0
Dibromofluoromethane (Surr)	Ave	0.2271	0.2152		0.00844	0.00891	-5.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2882	0.2613		0.00808	0.00891	-9.3	50.0
Toluene-d8 (Surr)	Ave	1.370	1.327		0.00863	0.00891	-3.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4914	0.5044		0.00915	0.00891	2.7	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1551.D
Lims ID: ICV Lab Sample ID: ICV 240-121947/14-A
Client ID:
Sample Type: ICV
Inject. Date: 10-Mar-2014 21:58:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028866-014
Operator ID: 1644 Instrument ID: A3UX17
Sublist:

Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 11-Mar-2014 13:09:36 Calib Date: 10-Mar-2014 21:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK048

First Level Reviewer: quayler Date: 11-Mar-2014 13:08:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	98	1224766	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	925325	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	76	546318	10.0	
$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	58	234907	8.44	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	285301	8.08	
$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	89	1094239	8.63	
$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	88	416071	9.15	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	86	330436	7.97	
10 Chloromethane	50	1.826	1.826	0.0	88	466515	9.51	
11 Vinyl chloride	62	1.945	1.957	-0.012	82	429417	9.21	
119 Butadiene	54	1.992	1.992	0.0	0	383985	8.67	
12 Bromomethane	94	2.312	2.313	-0.001	89	173956	9.73	
13 Chloroethane	64	2.419	2.419	0.0	99	209241	9.45	
14 Dichlorofluoromethane	67	2.621	2.633	-0.012	82	468358	9.75	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	86	378665	8.94	
16 Ethyl ether	59	2.953	2.953	0.0	89	300154	10.3	
18 Acrolein	56	3.083	3.095	-0.012	91	197138	47.3	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	305714	10.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	83	240283	9.85	
21 Acetone	43	3.237	3.238	-0.001	95	177126	21.8	
22 Iodomethane	142	3.332	3.332	0.0	96	496018	10.7	
23 Carbon disulfide	76	3.391	3.392	-0.001	99	929403	10.7	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	88	173385	9.81	
26 Methyl acetate	43	3.534	3.546	-0.012	97	1054881	49.1	
27 Methylene Chloride	84	3.641	3.641	0.0	87	382756	10.0	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	91	160468	87.9	
29 Acrylonitrile	53	3.866	3.878	-0.012	99	1184954	104.0	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	89	805348	10.1	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	97	367341	10.5	
32 Hexane	86	4.115	4.115	0.0	90	88564	10.1	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	633942	10.3	

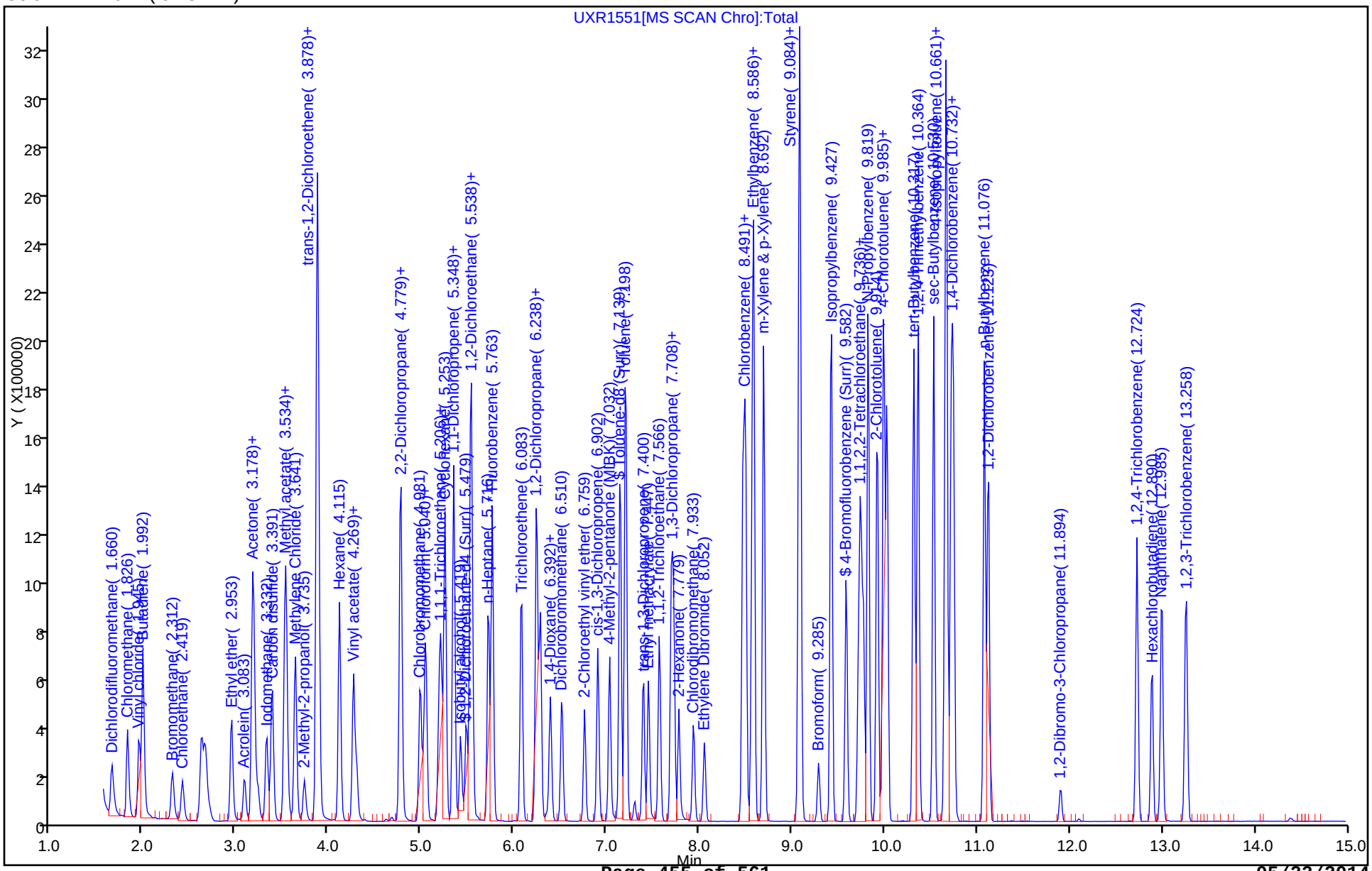
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	97	320547	9.50	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	58	299417	9.56	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	69	383634	10.1	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	94	239978	20.0	
44 Chlorobromomethane	128	4.992	4.993	-0.001	94	168853	10.0	
45 Tetrahydrofuran	42	5.028	5.028	0.0	84	158158	21.0	
46 Chloroform	83	5.040	5.052	-0.012	79	577475	10.3	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	90	424011	10.4	
48 Cyclohexane	56	5.253	5.253	0.0	88	622005	10.1	
50 Carbon tetrachloride	117	5.348	5.348	0.0	59	366138	10.5	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	499768	11.1	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	93	182279	234.3	
52 Benzene	78	5.526	5.538	-0.012	94	1548930	10.2	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	430634	10.2	
55 n-Heptane	100	5.728	5.728	0.0	88	80301	9.77	
57 Trichloroethene	130	6.083	6.084	-0.001	93	365722	10.2	
59 Methylcyclohexane	83	6.238	6.238	0.0	89	562036	9.86	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	95	356089	10.2	
63 1,4-Dioxane	88	6.392	6.392	0.0	39	55486	187.9	
62 Dibromomethane	93	6.392	6.392	0.0	88	179898	10.2	
64 Dichlorobromomethane	83	6.510	6.510	0.0	94	372698	10.2	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	90	215365	12.2	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	92	455552	10.6	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	482888	20.9	
69 Toluene	91	7.198	7.210	-0.012	98	1575460	10.3	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	87	371744	10.2	
71 Ethyl methacrylate	69	7.447	7.447	0.0	86	358565	9.57	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	86	279480	10.0	
73 Tetrachloroethene	164	7.696	7.696	0.0	92	290785	10.1	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	89	529107	10.2	
76 2-Hexanone	43	7.779	7.779	0.0	94	323157	21.0	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	88	245601	10.6	
79 Ethylene Dibromide	107	8.052	8.052	0.0	97	256711	10.3	
81 Chlorobenzene	112	8.503	8.503	-0.001	95	984773	10.1	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	85	289098	10.5	
83 Ethylbenzene	106	8.586	8.586	0.0	98	529689	10.2	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	100	659563	10.4	
85 o-Xylene	106	9.072	9.072	0.0	95	640339	10.5	
86 Styrene	104	9.084	9.084	0.0	93	1052907	10.4	
87 Bromoform	173	9.285	9.285	0.0	97	136529	10.5	
89 Isopropylbenzene	105	9.427	9.428	-0.001	95	1643263	10.5	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	82	352324	9.98	
92 Bromobenzene	156	9.748	9.748	0.0	85	411176	9.92	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	52	86533	10.1	
94 1,2,3-Trichloropropane	110	9.771	9.772	-0.001	68	110156	10.0	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	457761	10.3	
96 2-Chlorotoluene	126	9.926	9.926	0.0	96	386646	10.1	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	74	1381056	10.5	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	98	409744	10.0	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	1190166	10.3	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	71	1423613	10.3	
102 sec-Butylbenzene	105	10.530	10.531	0.0	92	1649039	10.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	98	810174	9.77	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	95	1400085	10.2	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	94	821718	9.66	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	1170489	9.89	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	776868	9.82	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	76	50051	9.68	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	93	465493	9.30	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	90	169089	7.59	
115 Naphthalene	128	12.997	12.985	0.012	100	999978	9.83	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	427743	8.92	
S 130 Xylenes, Total	106				0		20.9	
S 131 Trihalomethanes, Total	1				0		41.5	

Report Date: 11-Mar-2014 13:09:38 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1551.D				
Injection Date:	10-Mar-2014 21:58:30	Instrument ID:	A3UX17	Operator ID:	1644
Lims ID:	ICV	Lab Sample ID:	ICV 240-121947/14-A	Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Column: DB-624 (0.18 mm)					



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131334/2 Calibration Date: 05/20/2014 10:32

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR3529.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3384	0.4451			0.0100	31.5	50.0
Chloromethane	Ave	0.4004	0.4345	0.1000		0.0100	8.5	50.0
Vinyl chloride	Ave	0.3805	0.4276			0.0100	12.4	20.0
Butadiene	Ave	0.3615	0.3984		0.0110	0.0100	10.2	50.0
Bromomethane	Ave	0.1460	0.1229			0.0100	-15.8	50.0
Chloroethane	Ave	0.1807	0.1122			0.0100	-37.9	50.0
Dichlorofluoromethane	Ave	0.3922	0.3846			0.0100	-2.0	50.0
Trichlorofluoromethane	Ave	0.3458	0.3554			0.0100	2.8	50.0
Ethyl ether	Ave	0.2390	0.2506			0.0100	4.9	50.0
Acrolein	Ave	0.0340	0.0264			0.0500	-22.5	50.0
1,1-Dichloroethene	Ave	0.2460	0.2700			0.0100	9.7	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1992	0.2183			0.0100	9.6	50.0
Acetone	Lin1		0.0760			0.0200	14.7	50.0
Iodomethane	Ave	0.3802	0.3940			0.0100	3.6	50.0
Carbon disulfide	Ave	0.7115	0.8119			0.0100	14.1	50.0
3-Chloro-1-propene	Ave	0.1443	0.1656			0.0100	14.8	50.0
Methyl acetate	Ave	0.1753	0.1961			0.0500	11.9	50.0
Methylene Chloride	Ave	0.3115	0.3125			0.0100	0.3	50.0
2-Methyl-2-propanol	Ave	0.0149	0.0149			0.100	-0.2	50.0
Acrylonitrile	Ave	0.0930	0.1024			0.100	10.0	50.0
Methyl tert-butyl ether	Ave	0.6503	0.7015			0.0100	7.9	50.0
trans-1,2-Dichloroethene	Ave	0.2865	0.2986			0.0100	4.2	50.0
Hexane	Ave	0.0716	0.0791			0.0100	10.4	20.0
1,1-Dichloroethane	Ave	0.5011	0.5210	0.1000		0.0100	4.0	50.0
Vinyl acetate	Lin1		0.3338			0.00960	20.6	50.0
2,2-Dichloropropane	Ave	0.2556	0.2548			0.0100	-0.3	50.0
2-Butanone	Ave	0.0979	0.1103			0.0200	12.7	50.0
cis-1,2-Dichloroethene	Ave	0.3100	0.3125			0.0100	0.8	50.0
Chlorobromomethane	Ave	0.1374	0.1371			0.0100	-0.2	50.0
Tetrahydrofuran	Ave	0.0615	0.0666			0.0200	8.3	50.0
Chloroform	Ave	0.4577	0.4904			0.0100	7.1	20.0
1,1,1-Trichloroethane	Ave	0.3324	0.3656			0.0100	10.0	50.0
Cyclohexane	Ave	0.5040	0.5447			0.0100	8.1	50.0
1,1-Dichloropropene	Ave	0.3660	0.3885			0.0100	6.1	50.0
Carbon tetrachloride	Ave	0.2838	0.3278			0.0100	15.5	50.0
Isobutanol	Ave	0.0084	0.0084			0.250	-0.3	50.0
Benzene	Ave	1.246	1.255			0.0100	0.7	50.0
1,2-Dichloroethane	Ave	0.3457	0.3811			0.0100	10.2	50.0
n-Heptane	Ave	0.0671	0.0725			0.0100	8.0	50.0
Trichloroethene	Ave	0.2941	0.2884			0.0100	-1.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131334/2 Calibration Date: 05/20/2014 10:32

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR3529.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4653	0.4767			0.0100	2.5	50.0
1,2-Dichloropropane	Ave	0.2864	0.3062			0.0100	6.9	20.0
1,4-Dioxane	Ave	0.0024	0.0023			0.200	-4.0	50.0
Dibromomethane	Ave	0.1442	0.1544			0.0100	7.1	50.0
Bromodichloromethane	Ave	0.2988	0.3394			0.0100	13.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1436	0.1627			0.0200	13.3	50.0
cis-1,3-Dichloropropene	Ave	0.3516	0.4061			0.0100	15.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1886	0.2179			0.0200	15.6	50.0
Toluene	Ave	1.653	1.716			0.0100	3.8	20.0
trans-1,3-Dichloropropene	Lin1		0.4083			0.0100	3.6	50.0
Ethyl methacrylate	Lin1		0.4185			0.0100	3.2	50.0
1,1,2-Trichloroethane	Ave	0.3017	0.3143			0.0100	4.2	50.0
Tetrachloroethene	Ave	0.3106	0.3192			0.0100	2.8	50.0
1,3-Dichloropropane	Ave	0.5587	0.5923			0.0100	6.0	50.0
2-Hexanone	Ave	0.1665	0.1906			0.0200	14.5	50.0
Dibromochloromethane	Ave	0.2511	0.2880			0.0100	14.7	50.0
Ethylene Dibromide	Ave	0.2706	0.2937			0.0100	8.5	50.0
Chlorobenzene	Ave	1.049	1.046	0.3000		0.0100	-0.3	50.0
1,1,1,2-Tetrachloroethane	Ave	0.2989	0.3341			0.0100	11.8	50.0
Ethylbenzene	Ave	0.5594	0.5922			0.0100	5.9	20.0
m-Xylene & p-Xylene	Ave	0.6865	0.7251			0.0100	5.6	50.0
o-Xylene	Ave	0.6582	0.6763			0.0100	2.7	50.0
Styrene	Ave	1.089	1.177			0.0100	8.0	50.0
Bromoform	Ave	0.1406	0.1647	0.1000		0.0100	17.1	50.0
Isopropylbenzene	Ave	1.692	1.767			0.0100	4.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.6330	0.3000		0.0100	-2.0	50.0
Bromobenzene	Ave	0.7591	0.7314			0.0100	-3.6	50.0
1,2,3-Trichloropropane	Ave	0.2009	0.2043			0.0100	1.7	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.1684			0.0100	7.4	50.0
N-Propylbenzene	Ave	0.8150	0.8359			0.0100	2.6	50.0
2-Chlorotoluene	Ave	0.7022	0.6862			0.0100	-2.3	50.0
1,3,5-Trimethylbenzene	Ave	2.417	2.480			0.0100	2.6	50.0
4-Chlorotoluene	Ave	0.7494	0.7497			0.0100	0.0	50.0
tert-Butylbenzene	Ave	2.123	2.145			0.0100	1.1	50.0
1,2,4-Trimethylbenzene	Ave	2.538	2.612			0.0100	2.9	50.0
sec-Butylbenzene	Ave	2.968	3.033			0.0100	2.2	50.0
1,3-Dichlorobenzene	Ave	1.518	1.474			0.0100	-2.9	50.0
4-Isopropyltoluene	Ave	2.512	2.587			0.0100	3.0	50.0
1,4-Dichlorobenzene	Ave	1.557	1.504			0.0100	-3.3	50.0
n-Butylbenzene	Ave	2.166	2.200			0.0100	1.6	50.0
1,2-Dichlorobenzene	Ave	1.448	1.399			0.0100	-3.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131334/2 Calibration Date: 05/20/2014 10:32

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR3529.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0871			0.0100	-7.9	50.0
1,2,4-Trichlorobenzene	Ave	0.9162	0.7629			0.0100	-16.7	50.0
Hexachlorobutadiene	Ave	0.4080	0.3612			0.0100	-11.5	50.0
Naphthalene	Ave	1.861	1.565			0.0100	-15.9	50.0
1,2,3-Trichlorobenzene	Ave	0.8779	0.7203			0.0100	-18.0	50.0
Dibromofluoromethane (Surr)	Ave	0.2271	0.2088		0.00819	0.00891	-8.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2882	0.2731		0.00844	0.00891	-5.2	50.0
Toluene-d8 (Surr)	Ave	1.370	1.260		0.00820	0.00891	-8.0	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4914	0.4369		0.00792	0.00891	-11.1	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3529.D
Lims ID: CCVIS L4 8260
Client ID:
Sample Type: CCVIS
Inject. Date: 20-May-2014 10:32:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-002
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 14:09:48 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	98	851246	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	656143	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	73	394249	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	58	158338	8.91	8.19	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	207145	8.91	8.44	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	736801	8.91	8.20	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	92	255445	8.91	7.92	
9 Dichlorodifluoromethane	85	1.648	1.648	0.000	87	378847	10.0	13.2	
10 Chloromethane	50	1.826	1.826	0.000	89	369837	10.0	10.9	
11 Vinyl chloride	62	1.957	1.957	0.000	83	363997	10.0	11.2	
119 Butadiene	54	1.992	1.992	0.000	0	339114	10.0	11.0	
12 Bromomethane	94	2.313	2.313	0.000	88	104641	10.0	8.42	
13 Chloroethane	64	2.419	2.419	0.000	93	95515	10.0	6.21	
14 Dichlorofluoromethane	67	2.633	2.633	0.000	81	327345	10.0	9.80	
15 Trichlorofluoromethane	101	2.668	2.668	0.000	86	302495	10.0	10.3	
16 Ethyl ether	59	2.953	2.953	0.000	90	213360	10.0	10.5	
18 Acrolein	56	3.095	3.095	0.000	89	112154	50.0	38.7	
19 1,1-Dichloroethene	96	3.178	3.178	0.000	89	229796	10.0	11.0	
20 1,1,2-Trichloro-1,2,2-trif	151	3.202	3.202	0.000	85	185810	10.0	11.0	
21 Acetone	43	3.238	3.238	0.000	95	129298	20.0	22.9	
22 Iodomethane	142	3.332	3.332	0.000	97	335429	10.0	10.4	
23 Carbon disulfide	76	3.392	3.392	0.000	99	691117	10.0	11.4	
25 3-Chloro-1-propene	76	3.522	3.522	0.000	91	140972	10.0	11.5	
26 Methyl acetate	43	3.546	3.546	0.000	98	834780	50.0	55.9	
27 Methylene Chloride	84	3.641	3.641	0.000	88	266011	10.0	10.0	
28 2-Methyl-2-propanol	59	3.736	3.736	0.000	90	126633	100.0	99.8	
29 Acrylonitrile	53	3.878	3.878	0.000	100	871314	100.0	110.0	
30 Methyl tert-butyl ether	73	3.878	3.878	0.000	90	597173	10.0	10.8	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	94	254178	10.0	10.4	
32 Hexane	86	4.115	4.115	0.000	92	67289	10.0	11.0	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	85	443492	10.0	10.4	
34 Vinyl acetate	43	4.305	4.305	0.000	97	272769	9.60	11.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	70	266050	10.0	10.1	
38 2,2-Dichloropropane	77	4.779	4.779	0.000	58	216909	10.0	9.97	
40 2-Butanone (MEK)	43	4.779	4.779	0.000	93	187806	20.0	22.5	
44 Chlorobromomethane	128	4.993	4.993	0.000	85	116706	10.0	9.98	
45 Tetrahydrofuran	42	5.028	5.028	0.000	94	113358	20.0	21.7	
46 Chloroform	83	5.052	5.052	0.000	70	417431	10.0	10.7	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.000	91	311247	10.0	11.0	
48 Cyclohexane	56	5.253	5.253	0.000	90	463642	10.0	10.8	
49 1,1-Dichloropropene	75	5.348	5.348	0.000	96	330690	10.0	10.6	
50 Carbon tetrachloride	117	5.348	5.348	0.000	75	279028	10.0	11.6	
51 Isobutyl alcohol	41	5.419	5.419	0.000	90	137544	250.0	249.3	
52 Benzene	78	5.538	5.538	0.000	95	1068491	10.0	10.1	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	90	324407	10.0	11.0	
55 n-Heptane	100	5.728	5.728	0.000	91	61684	10.0	10.8	
57 Trichloroethene	130	6.084	6.084	0.000	93	245533	10.0	9.81	
59 Methylcyclohexane	83	6.250	6.250	0.000	89	405766	10.0	10.2	
60 1,2-Dichloropropane	63	6.285	6.285	0.000	94	260615	10.0	10.7	
62 Dibromomethane	93	6.392	6.392	0.000	93	131420	10.0	10.7	
63 1,4-Dioxane	88	6.392	6.392	0.000	38	39413	200.0	192.0	
64 Dichlorobromomethane	83	6.522	6.522	0.000	93	288878	10.0	11.4	
66 2-Chloroethyl vinyl ether	63	6.759	6.759	0.000	92	276961	20.0	22.7	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.000	90	345704	10.0	11.6	
68 4-Methyl-2-pentanone (MIBK	43	7.032	7.032	0.000	96	370992	20.0	23.1	
69 Toluene	91	7.210	7.210	0.000	97	1125811	10.0	10.4	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	88	267909	10.0	10.4	
71 Ethyl methacrylate	69	7.447	7.447	0.000	88	274599	10.0	10.3	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.000	86	206227	10.0	10.4	
73 Tetrachloroethene	164	7.696	7.696	0.000	92	209461	10.0	10.3	
75 1,3-Dichloropropane	76	7.732	7.732	0.000	89	388648	10.0	10.6	
76 2-Hexanone	43	7.779	7.779	0.000	96	250158	20.0	22.9	
78 Chlorodibromomethane	129	7.933	7.933	0.000	88	188989	10.0	11.5	
79 Ethylene Dibromide	107	8.052	8.052	0.000	96	192734	10.0	10.9	
81 Chlorobenzene	112	8.503	8.503	0.000	93	686072	10.0	9.97	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	83	219227	10.0	11.2	
83 Ethylbenzene	106	8.586	8.586	0.000	98	388555	10.0	10.6	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.000	100	475782	10.0	10.6	
85 o-Xylene	106	9.084	9.084	0.000	93	443720	10.0	10.3	
86 Styrene	104	9.096	9.096	0.000	94	772182	10.0	10.8	
87 Bromoform	173	9.285	9.285	0.000	96	108084	10.0	11.7	
89 Isopropylbenzene	105	9.428	9.428	0.000	95	1159344	10.0	10.4	
91 1,1,2,2-Tetrachloroethane	83	9.724	9.724	0.000	71	249576	10.0	9.80	
92 Bromobenzene	156	9.748	9.748	0.000	89	288361	10.0	9.64	
93 trans-1,4-Dichloro-2-buten	53	9.772	9.772	0.000	60	66391	10.0	10.7	
94 1,2,3-Trichloropropane	110	9.772	9.772	0.000	69	80534	10.0	10.2	
95 N-Propylbenzene	120	9.831	9.831	0.000	97	329558	10.0	10.3	
96 2-Chlorotoluene	126	9.926	9.926	0.000	95	270540	10.0	9.77	
97 1,3,5-Trimethylbenzene	105	9.997	9.997	0.000	84	977606	10.0	10.3	
98 4-Chlorotoluene	126	10.032	10.032	0.000	96	295576	10.0	10.0	
99 tert-Butylbenzene	119	10.317	10.317	0.000	90	845733	10.0	10.1	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.000	77	1029761	10.0	10.3	
102 sec-Butylbenzene	105	10.530	10.530	0.000	94	1195775	10.0	10.2	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.000	96	581007	10.0	9.71	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 4-Isopropyltoluene	119	10.673	10.673	0.000	95	1020004	10.0	10.3	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.000	94	593140	10.0	9.67	
108 n-Butylbenzene	91	11.076	11.076	0.000	95	867411	10.0	10.2	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.000	96	551414	10.0	9.66	
111 1,2-Dibromo-3-Chloropropan	157	11.906	11.906	0.000	67	34337	10.0	9.21	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.000	91	300777	10.0	8.33	
114 Hexachlorobutadiene	225	12.890	12.890	0.000	92	142382	10.0	8.85	
115 Naphthalene	128	12.997	12.997	0.000	100	617014	10.0	8.41	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.000	98	283972	10.0	8.20	
S 128 1,2-Dichloroethene, Total	96				0		20.0	20.5	
S 129 1,3-Dichloropropene, Total	75				0		20.0	21.9	
S 130 Xylenes, Total	106				0		20.0	20.8	
S 131 Trihalomethanes, Total	1				0		40.0	45.3	

Report Date: 20-May-2014 14:09:49 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3529.D

Injection Date: 20-May-2014 10:32:30 Instrument ID: A3UX17 Operator ID: 1644

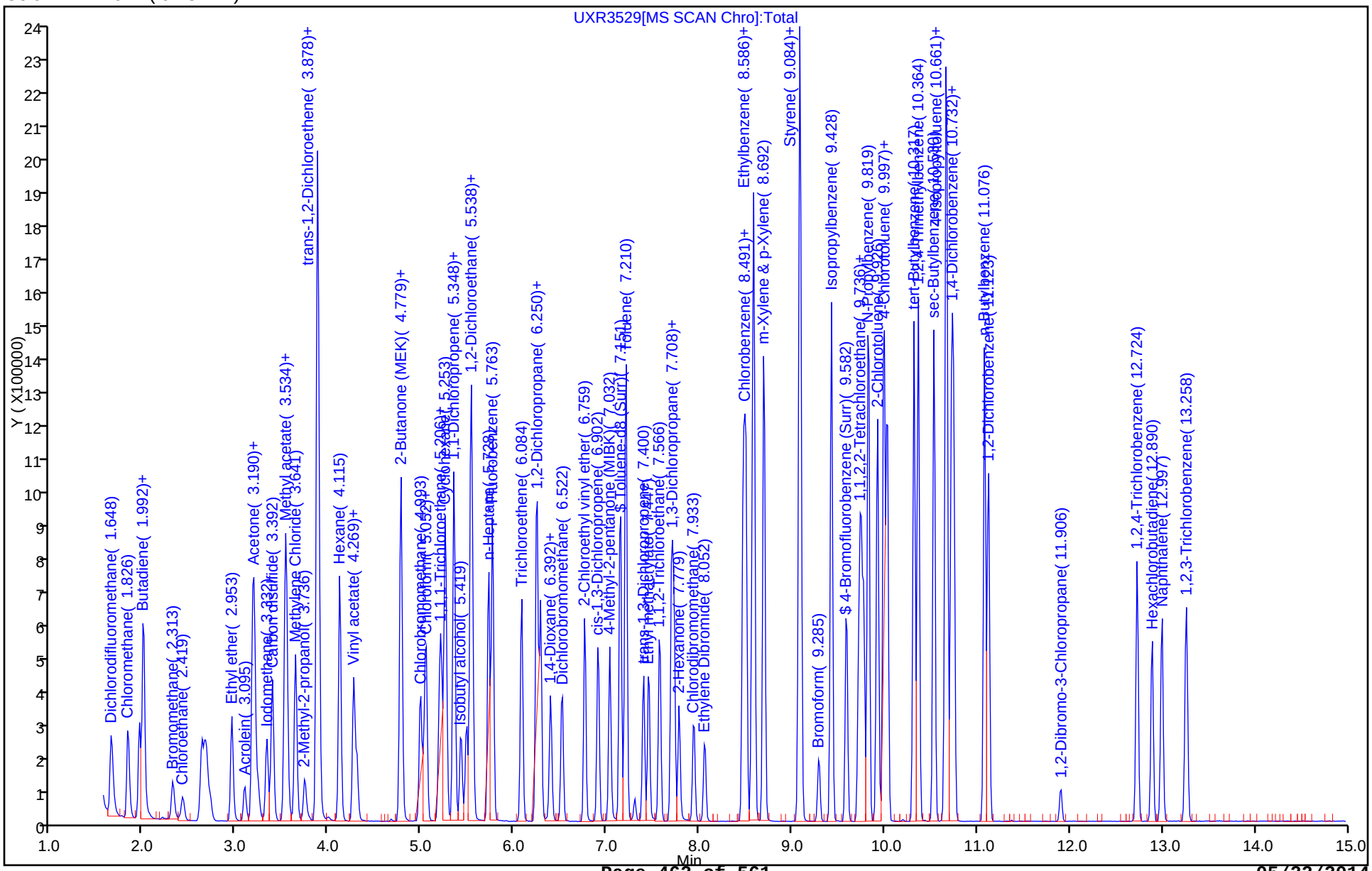
Lims ID: CCVIS L4 8260 Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCV 240-131334/3 Calibration Date: 05/20/2014 10:55

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 15:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 21:35

Lab File ID: UXR3530.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0350	0.0366			0.100	4.4	50.0
Isopropyl ether	Ave	0.2461	0.2322			0.0100	-5.7	50.0
Chloroprene	Ave	0.4321	0.4279			0.0100	-1.0	50.0
Tert-butyl ethyl ether	Ave	0.7318	0.7729			0.0100	5.6	50.0
Ethyl acetate	Ave	0.1472	0.2058			0.0200	39.8	50.0
Propionitrile	Ave	0.0367	0.0372			0.100	1.4	50.0
Methacrylonitrile	Ave	0.1566	0.1700			0.100	8.5	50.0
Tert-amyl methyl ether	Ave	0.5739	0.6162			0.0100	7.4	50.0
n-Butanol	Lin1		0.0062			0.250	-4.6	50.0
Ethyl acrylate	Ave	0.2678	0.2876			0.0100	7.4	50.0
Methyl methacrylate	Ave	0.1968	0.2150			0.0200	9.2	50.0
2-Nitropropane	Ave	0.0347	0.0406			0.0200	16.8	50.0
Cyclohexanone	Ave	0.0124	0.0127			0.100	2.0	50.0
Pentachloroethane	Ave	0.2019	0.2157		0.0214	0.0200	6.9	50.0
1,2,3-Trimethylbenzene	Ave	2.630	2.604		0.00990	0.0100	-1.0	50.0
Benzyl chloride	Qua		0.1504			0.0100	17.8	50.0
1,3,5-Trichlorobenzene	Ave	1.062	0.9925			0.0100	-6.6	50.0
2-Methylnaphthalene	Lin1		0.5830			0.0200	-50.3*	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3530.D
Lims ID: CCV A9 L4
Client ID:
Sample Type: CCV
Inject. Date: 20-May-2014 10:55:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-003
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 14:09:49 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.775	5.775	0.000	99	817409	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	83	615366	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	95	335339	10.0	10.0	
24 Acetonitrile	41	3.510	3.510	0.000	98	298966	100.0	104.4	
35 Isopropyl ether	87	4.305	4.305	0.000	94	189758	10.0	9.43	
36 2-Chloro-1,3-butadiene	53	4.352	4.352	0.000	90	349783	10.0	9.90	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.000	97	631802	10.0	10.6	
41 Ethyl acetate	43	4.826	4.826	0.000	99	336446	20.0	28.0	
42 Propionitrile	54	4.850	4.850	0.000	98	304290	100.0	101.4	
43 Methacrylonitrile	41	4.980	4.980	0.000	92	1389688	100.0	108.5	
54 Tert-amyl methyl ether	73	5.609	5.609	0.000	94	503673	10.0	10.7	
56 n-Butanol	56	5.988	5.988	0.000	89	95647	250.0	238.5	
58 Ethyl acrylate	55	6.154	6.154	0.000	97	235103	10.0	10.7	
61 Methyl methacrylate	41	6.356	6.356	0.000	90	351459	20.0	21.8	
65 2-Nitropropane	41	6.724	6.724	0.000	98	66300	20.0	23.4	
77 n-Butyl acetate	56	7.874	7.874	0.000	99	100792	10.0	12.7	
90 Cyclohexanone	55	9.546	9.546	0.000	86	42545	100.0	102.0	
100 Pentachloroethane	167	10.352	10.352	0.000	0	265489	20.0	21.4	
106 1,2,3-Trimethylbenzene	105	10.791	10.791	0.000	98	873379	10.0	9.90	
107 Benzyl chloride	126	10.886	10.886	0.000	0	50420	10.0	11.8	
112 1,3,5-Trichlorobenzene	180	12.107	12.107	0.000	97	332831	10.0	9.34	
117 2-Methylnaphthalene	142	14.384	14.384	0.000	98	390970	20.0	9.93	

Report Date: 20-May-2014 14:09:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3530.D

Injection Date: 20-May-2014 10:55:30 Instrument ID: A3UX17 Operator ID: 1644

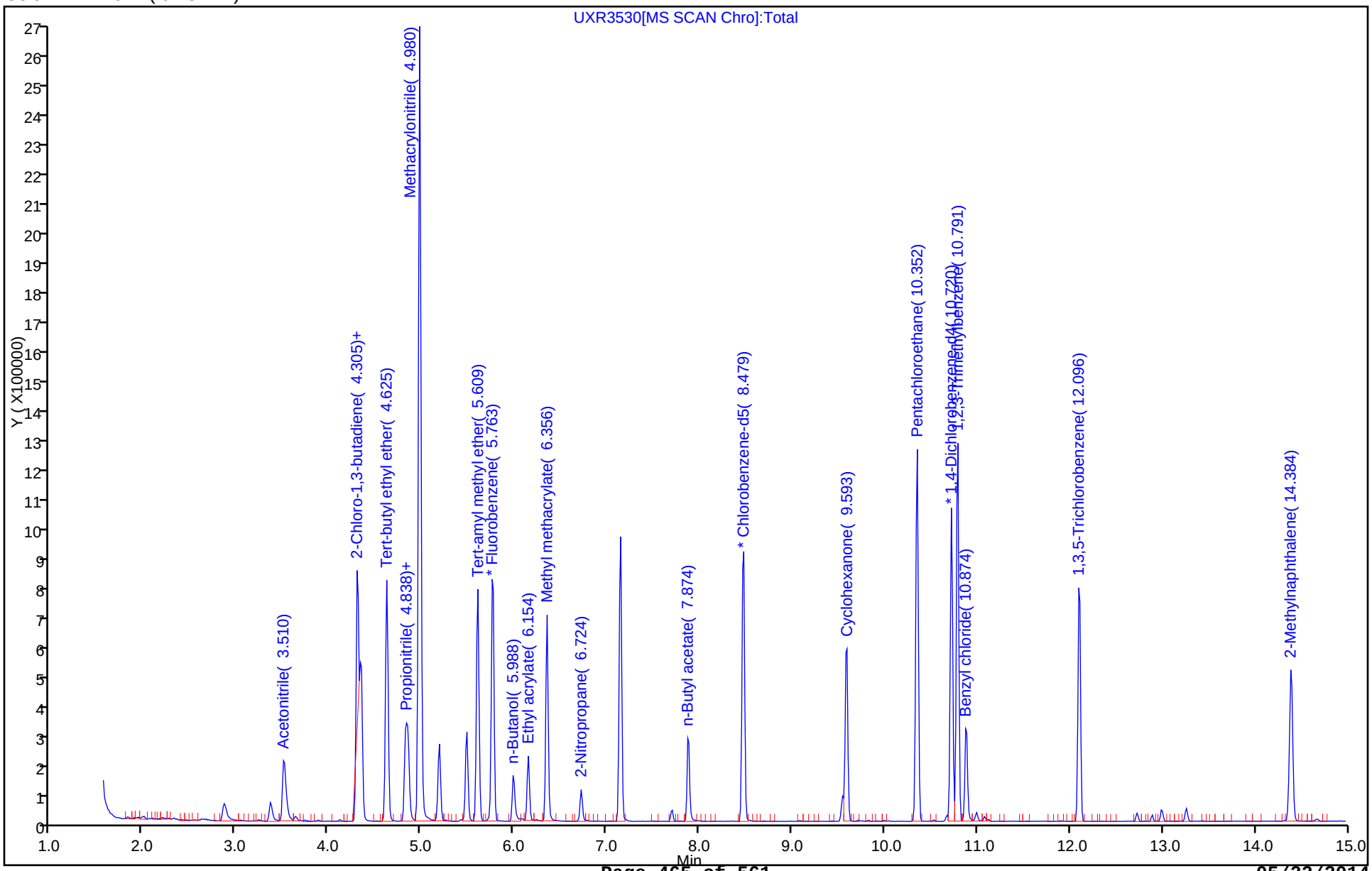
Lims ID: CCV A9 L4 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131527/2 Calibration Date: 05/21/2014 10:25

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR3558.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3384	0.4371			0.0100	29.2	50.0
Chloromethane	Ave	0.4004	0.4552	0.1000		0.0100	13.7	50.0
Vinyl chloride	Ave	0.3805	0.4092			0.0100	7.5	20.0
Butadiene	Ave	0.3615	0.3900		0.0108	0.0100	7.9	50.0
Bromomethane	Ave	0.1460	0.1185			0.0100	-18.8	50.0
Chloroethane	Ave	0.1807	0.1324			0.0100	-26.7	50.0
Dichlorofluoromethane	Ave	0.3922	0.4354			0.0100	11.0	50.0
Trichlorofluoromethane	Ave	0.3458	0.3590			0.0100	3.8	50.0
Ethyl ether	Ave	0.2390	0.2455			0.0100	2.7	50.0
Acrolein	Ave	0.0340	0.0268			0.0500	-21.1	50.0
1,1-Dichloroethene	Ave	0.2460	0.2600			0.0100	5.7	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1992	0.2076			0.0100	4.2	50.0
Acetone	Lin1		0.0848			0.0200	28.6	50.0
Iodomethane	Ave	0.3802	0.3663			0.0100	-3.7	50.0
Carbon disulfide	Ave	0.7115	0.7653			0.0100	7.6	50.0
3-Chloro-1-propene	Ave	0.1443	0.1493			0.0100	3.5	50.0
Methyl acetate	Ave	0.1753	0.2018			0.0500	15.1	50.0
Methylene Chloride	Ave	0.3115	0.2963			0.0100	-4.9	50.0
2-Methyl-2-propanol	Ave	0.0149	0.0162			0.100	8.4	50.0
Acrylonitrile	Ave	0.0930	0.1030			0.100	10.8	50.0
Methyl tert-butyl ether	Ave	0.6503	0.7027			0.0100	8.1	50.0
trans-1,2-Dichloroethene	Ave	0.2865	0.2895			0.0100	1.1	50.0
Hexane	Ave	0.0716	0.0733			0.0100	2.3	20.0
1,1-Dichloroethane	Ave	0.5011	0.5139	0.1000		0.0100	2.6	50.0
Vinyl acetate	Lin1		0.3203			0.00960	15.8	50.0
2,2-Dichloropropane	Ave	0.2556	0.2470			0.0100	-3.4	50.0
cis-1,2-Dichloroethene	Ave	0.3100	0.2932			0.0100	-5.4	50.0
2-Butanone	Ave	0.0979	0.1156			0.0200	18.1	50.0
Chlorobromomethane	Ave	0.1374	0.1334			0.0100	-2.9	50.0
Tetrahydrofuran	Ave	0.0615	0.0700			0.0200	13.9	50.0
Chloroform	Ave	0.4577	0.4659			0.0100	1.8	20.0
1,1,1-Trichloroethane	Ave	0.3324	0.3490			0.0100	5.0	50.0
Cyclohexane	Ave	0.5040	0.5290			0.0100	4.9	50.0
1,1-Dichloropropene	Ave	0.3660	0.3751			0.0100	2.5	50.0
Carbon tetrachloride	Ave	0.2838	0.3135			0.0100	10.5	50.0
Isobutanol	Ave	0.0084	0.0093			0.250	11.0	50.0
Benzene	Ave	1.246	1.199			0.0100	-3.8	50.0
1,2-Dichloroethane	Ave	0.3457	0.3765			0.0100	8.9	50.0
n-Heptane	Ave	0.0671	0.0699			0.0100	4.2	50.0
Trichloroethene	Ave	0.2941	0.2762			0.0100	-6.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131527/2 Calibration Date: 05/21/2014 10:25

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR3558.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4653	0.4516			0.0100	-2.9	50.0
1,2-Dichloropropane	Ave	0.2864	0.2915			0.0100	1.8	20.0
1,4-Dioxane	Ave	0.0024	0.0024			0.200	0.7	50.0
Dibromomethane	Ave	0.1442	0.1436			0.0100	-0.5	50.0
Bromodichloromethane	Ave	0.2988	0.3214			0.0100	7.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1436	0.1586			0.0200	10.4	50.0
cis-1,3-Dichloropropene	Ave	0.3516	0.4025			0.0100	14.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1886	0.2257			0.0200	19.7	50.0
Toluene	Ave	1.653	1.648			0.0100	-0.3	20.0
trans-1,3-Dichloropropene	Lin1		0.4028			0.0100	2.2	50.0
Ethyl methacrylate	Lin1		0.4050			0.0100	-0.0	50.0
1,1,2-Trichloroethane	Ave	0.3017	0.2999			0.0100	-0.6	50.0
Tetrachloroethene	Ave	0.3106	0.2992			0.0100	-3.7	50.0
1,3-Dichloropropane	Ave	0.5587	0.5719			0.0100	2.3	50.0
2-Hexanone	Ave	0.1665	0.1972			0.0200	18.4	50.0
Dibromochloromethane	Ave	0.2511	0.2763			0.0100	10.0	50.0
Ethylene Dibromide	Ave	0.2706	0.2812			0.0100	3.9	50.0
Chlorobenzene	Ave	1.049	0.9917	0.3000		0.0100	-5.4	50.0
1,1,1,2-Tetrachloroethane	Ave	0.2989	0.3179			0.0100	6.3	50.0
Ethylbenzene	Ave	0.5594	0.5522			0.0100	-1.3	20.0
m-Xylene & p-Xylene	Ave	0.6865	0.6791			0.0100	-1.1	50.0
o-Xylene	Ave	0.6582	0.6509			0.0100	-1.1	50.0
Styrene	Ave	1.089	1.105			0.0100	1.5	50.0
Bromoform	Ave	0.1406	0.1537	0.1000		0.0100	9.3	50.0
Isopropylbenzene	Ave	1.692	1.688			0.0100	-0.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.6795	0.3000		0.0100	5.2	50.0
Bromobenzene	Ave	0.7591	0.7106			0.0100	-6.4	50.0
1,2,3-Trichloropropane	Ave	0.2009	0.2097			0.0100	4.4	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.1795			0.0100	14.3	50.0
N-Propylbenzene	Ave	0.8150	0.8239			0.0100	1.1	50.0
2-Chlorotoluene	Ave	0.7022	0.6760			0.0100	-3.7	50.0
1,3,5-Trimethylbenzene	Ave	2.417	2.454			0.0100	1.6	50.0
4-Chlorotoluene	Ave	0.7494	0.7378			0.0100	-1.5	50.0
tert-Butylbenzene	Ave	2.123	2.077			0.0100	-2.1	50.0
1,2,4-Trimethylbenzene	Ave	2.538	2.593			0.0100	2.2	50.0
sec-Butylbenzene	Ave	2.968	2.973			0.0100	0.2	50.0
1,3-Dichlorobenzene	Ave	1.518	1.437			0.0100	-5.3	50.0
4-Isopropyltoluene	Ave	2.512	2.586			0.0100	3.0	50.0
1,4-Dichlorobenzene	Ave	1.557	1.458			0.0100	-6.3	50.0
n-Butylbenzene	Ave	2.166	2.177			0.0100	0.5	50.0
1,2-Dichlorobenzene	Ave	1.448	1.397			0.0100	-3.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCVIS 240-131527/2 Calibration Date: 05/21/2014 10:25

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR3558.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0936			0.0100	-1.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9162	0.8022			0.0100	-12.5	50.0
Hexachlorobutadiene	Ave	0.4080	0.3410			0.0100	-16.4	50.0
Naphthalene	Ave	1.861	1.675			0.0100	-10.0	50.0
1,2,3-Trichlorobenzene	Ave	0.8779	0.7341			0.0100	-16.4	50.0
Dibromofluoromethane (Surr)	Ave	0.2271	0.2127		0.00834	0.00891	-6.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2882	0.2747		0.00849	0.00891	-4.7	50.0
Toluene-d8 (Surr)	Ave	1.370	1.243		0.00809	0.00891	-9.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4914	0.4398		0.00797	0.00891	-10.5	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3558.D
Lims ID: CCVIS L4 8260
Client ID:
Sample Type: CCVIS
Inject. Date: 21-May-2014 10:25:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031233-002
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub12

Method: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 22-May-2014 09:46:42 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	98	857159	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	83	657635	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	76	379722	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	60	162437	8.91	8.34	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	209766	8.91	8.49	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	728527	8.91	8.09	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	90	257691	8.91	7.97	
9 Dichlorodifluoromethane	85	1.648	1.648	0.000	87	374667	10.0	12.9	
10 Chloromethane	50	1.826	1.826	0.000	88	390194	10.0	11.4	
11 Vinyl chloride	62	1.957	1.957	0.000	82	350709	10.0	10.8	
119 Butadiene	54	2.004	2.004	0.000	0	334308	10.0	10.8	
12 Bromomethane	94	2.313	2.313	0.000	89	101580	10.0	8.12	
13 Chloroethane	64	2.431	2.431	0.000	92	113491	10.0	7.33	
14 Dichlorofluoromethane	67	2.633	2.633	0.000	82	373193	10.0	11.1	
15 Trichlorofluoromethane	101	2.668	2.668	0.000	86	307677	10.0	10.4	
16 Ethyl ether	59	2.953	2.953	0.000	91	210423	10.0	10.3	
18 Acrolein	56	3.095	3.095	0.000	92	115027	50.0	39.5	
19 1,1-Dichloroethene	96	3.178	3.178	0.000	89	222822	10.0	10.6	
20 1,1,2-Trichloro-1,2,2-trif	151	3.202	3.202	0.000	87	177948	10.0	10.4	
21 Acetone	43	3.238	3.238	0.000	99	145335	20.0	25.7	
22 Iodomethane	142	3.332	3.332	0.000	98	313941	10.0	9.63	
23 Carbon disulfide	76	3.392	3.392	0.000	99	656000	10.0	10.8	
25 3-Chloro-1-propene	76	3.522	3.522	0.000	88	127937	10.0	10.3	
26 Methyl acetate	43	3.546	3.546	0.000	98	864875	50.0	57.6	
27 Methylene Chloride	84	3.641	3.641	0.000	95	253983	10.0	9.51	
28 2-Methyl-2-propanol	59	3.736	3.736	0.000	95	138551	100.0	108.4	
29 Acrylonitrile	53	3.878	3.878	0.000	99	883128	100.0	110.8	
30 Methyl tert-butyl ether	73	3.878	3.878	0.000	88	602310	10.0	10.8	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	99	248153	10.0	10.1	
32 Hexane	86	4.115	4.115	0.000	93	62800	10.0	10.2	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	85	440500	10.0	10.3	
34 Vinyl acetate	43	4.305	4.305	0.000	96	263530	9.60	11.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2,2-Dichloropropane	77	4.779	4.779	0.000	59	211726	10.0	9.66	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	83	251299	10.0	9.46	
40 2-Butanone (MEK)	43	4.791	4.791	0.000	94	198173	20.0	23.6	
44 Chlorobromomethane	128	4.993	4.993	0.000	80	114374	10.0	9.71	
45 Tetrahydrofuran	42	5.028	5.028	0.000	94	119967	20.0	22.8	
46 Chloroform	83	5.052	5.052	0.000	70	399322	10.0	10.2	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.000	94	299133	10.0	10.5	
48 Cyclohexane	56	5.253	5.253	0.000	90	453391	10.0	10.5	
49 1,1-Dichloropropene	75	5.348	5.348	0.000	95	321541	10.0	10.2	
50 Carbon tetrachloride	117	5.348	5.348	0.000	79	268731	10.0	11.0	
51 Isobutyl alcohol	41	5.419	5.419	0.000	90	153461	250.0	277.6	
52 Benzene	78	5.538	5.538	0.000	96	1027741	10.0	9.62	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	95	322683	10.0	10.9	
55 n-Heptane	100	5.728	5.728	0.000	92	59930	10.0	10.4	
57 Trichloroethene	130	6.084	6.084	0.000	94	236705	10.0	9.39	
59 Methylcyclohexane	83	6.250	6.250	0.000	90	387085	10.0	9.71	
60 1,2-Dichloropropane	63	6.285	6.285	0.000	96	249875	10.0	10.2	
63 1,4-Dioxane	88	6.392	6.392	0.000	39	41629	200.0	201.4	
62 Dibromomethane	93	6.392	6.392	0.000	91	123042	10.0	9.95	
64 Dichlorobromomethane	83	6.522	6.522	0.000	93	275458	10.0	10.8	
66 2-Chloroethyl vinyl ether	63	6.759	6.759	0.000	90	271907	20.0	22.1	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.000	92	344995	10.0	11.4	
68 4-Methyl-2-pentanone (MIBK	43	7.032	7.032	0.000	96	386843	20.0	23.9	
69 Toluene	91	7.210	7.210	0.000	97	1083494	10.0	9.97	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	88	264891	10.0	10.2	
71 Ethyl methacrylate	69	7.459	7.459	0.000	88	266371	10.0	10.0	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.000	86	197220	10.0	9.94	
73 Tetrachloroethene	164	7.696	7.696	0.000	92	196767	10.0	9.63	
75 1,3-Dichloropropane	76	7.732	7.732	0.000	89	376088	10.0	10.2	
76 2-Hexanone	43	7.779	7.779	0.000	96	259359	20.0	23.7	
78 Chlorodibromomethane	129	7.945	7.945	0.000	88	181718	10.0	11.0	
79 Ethylene Dibromide	107	8.052	8.052	0.000	98	184937	10.0	10.4	
81 Chlorobenzene	112	8.503	8.503	0.000	93	652149	10.0	9.46	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	84	209034	10.0	10.6	
83 Ethylbenzene	106	8.586	8.586	0.000	98	363112	10.0	9.87	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.000	100	446620	10.0	9.89	
85 o-Xylene	106	9.084	9.084	0.000	93	428051	10.0	9.89	
86 Styrene	104	9.096	9.096	0.000	94	726761	10.0	10.1	
87 Bromoform	173	9.285	9.285	0.000	96	101088	10.0	10.9	
89 Isopropylbenzene	105	9.428	9.428	0.000	95	1110172	10.0	9.98	
91 1,1,2,2-Tetrachloroethane	83	9.724	9.724	0.000	81	258032	10.0	10.5	
92 Bromobenzene	156	9.748	9.748	0.000	90	269834	10.0	9.36	
93 trans-1,4-Dichloro-2-buten	53	9.772	9.772	0.000	37	68164	10.0	11.4	
94 1,2,3-Trichloropropane	110	9.772	9.772	0.000	63	79638	10.0	10.4	
95 N-Propylbenzene	120	9.831	9.831	0.000	97	312867	10.0	10.1	
96 2-Chlorotoluene	126	9.926	9.926	0.000	96	256674	10.0	9.63	
97 1,3,5-Trimethylbenzene	105	9.997	9.997	0.000	80	931963	10.0	10.2	
98 4-Chlorotoluene	126	10.032	10.032	0.000	96	280160	10.0	9.85	
99 tert-Butylbenzene	119	10.317	10.317	0.000	91	788744	10.0	9.79	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.000	76	984505	10.0	10.2	
102 sec-Butylbenzene	105	10.530	10.530	0.000	93	1129030	10.0	10.0	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.000	97	545809	10.0	9.47	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 4-Isopropyltoluene	119	10.673	10.673	0.000	95	982065	10.0	10.3	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.000	93	553651	10.0	9.37	
108 n-Butylbenzene	91	11.076	11.076	0.000	96	826715	10.0	10.1	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.000	97	530296	10.0	9.65	
111 1,2-Dibromo-3-Chloropropan	157	11.906	11.906	0.000	67	35557	10.0	9.88	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.000	92	304598	10.0	8.75	
114 Hexachlorobutadiene	225	12.890	12.890	0.000	93	129467	10.0	8.36	
115 Naphthalene	128	12.997	12.997	0.000	100	636086	10.0	9.00	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.000	98	278770	10.0	8.36	
S 128 1,2-Dichloroethene, Total	96				0		20.0	19.6	
S 129 1,3-Dichloropropene, Total	75				0		20.0	21.7	
S 130 Xylenes, Total	106				0		20.0	19.8	
S 131 Trihalomethanes, Total	1				0		40.0	42.9	

Report Date: 22-May-2014 09:46:42 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3558.D

Injection Date: 21-May-2014 10:25:30 Instrument ID: A3UX17 Operator ID: 1644

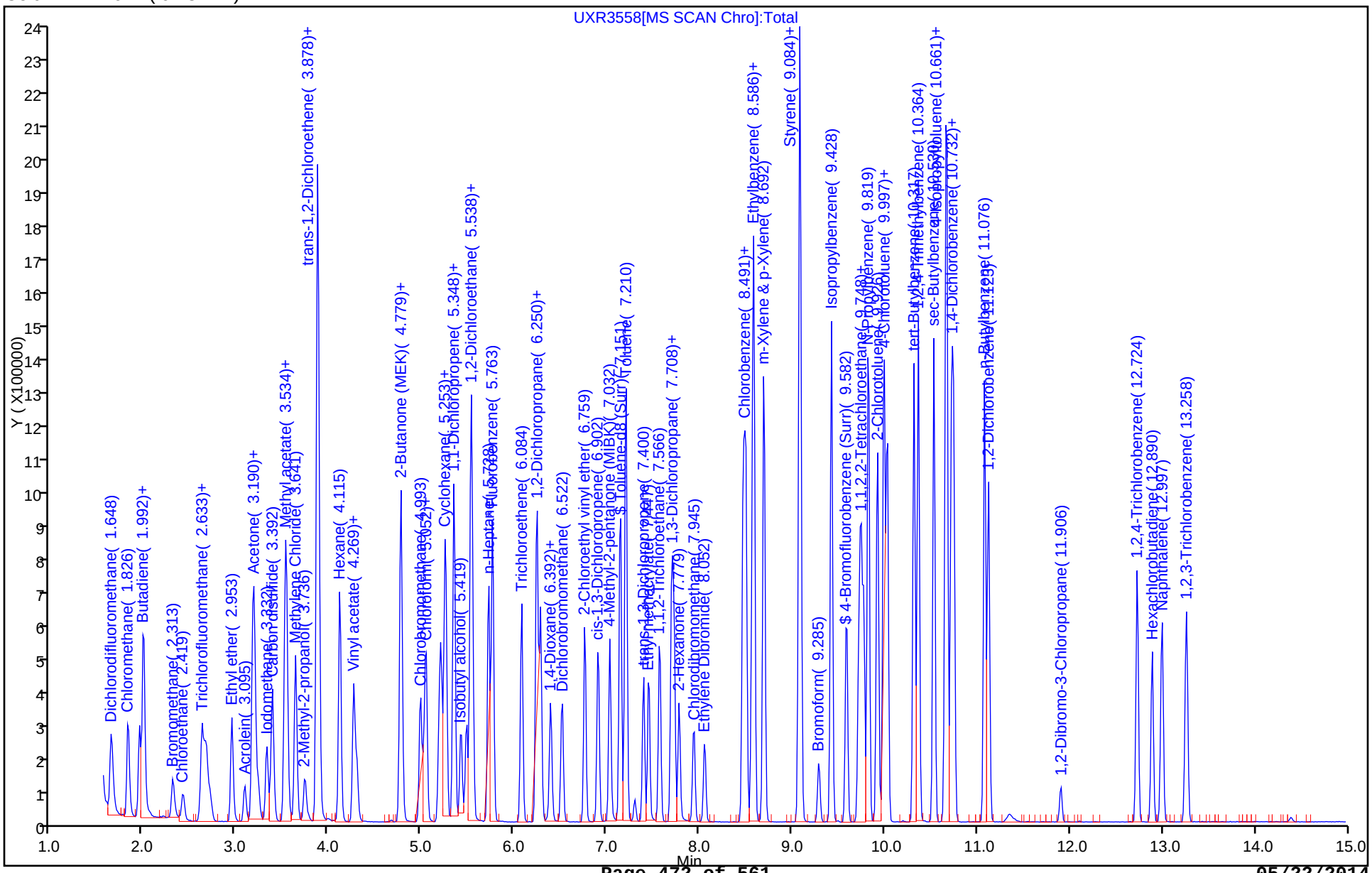
Lims ID: CCVIS L4 8260 Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Lab Sample ID: CCV 240-131527/3 Calibration Date: 05/21/2014 10:48

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 15:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/10/2014 21:35

Lab File ID: UXR3559.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0350	0.0382			0.100	8.9	50.0
Isopropyl ether	Ave	0.2461	0.2350			0.0100	-4.5	50.0
Chloroprene	Ave	0.4321	0.4300			0.0100	-0.5	50.0
Tert-butyl ethyl ether	Ave	0.7318	0.7751			0.0100	5.9	50.0
Ethyl acetate	Ave	0.1472	0.2206			0.0200	49.9	50.0
Propionitrile	Ave	0.0367	0.0400			0.100	9.0	50.0
Methacrylonitrile	Ave	0.1566	0.1766			0.100	12.7	50.0
Tert-amyl methyl ether	Ave	0.5739	0.6314			0.0100	10.0	50.0
n-Butanol	Lin1		0.0065			0.250	-0.4	50.0
Ethyl acrylate	Ave	0.2678	0.3034			0.0100	13.3	50.0
Methyl methacrylate	Ave	0.1968	0.2311			0.0200	17.4	50.0
2-Nitropropane	Ave	0.0347	0.0432			0.0200	24.4	50.0
Cyclohexanone	Ave	0.0124	0.0143			0.100	15.1	50.0
Pentachloroethane	Ave	0.2019	0.2090		0.0207	0.0200	3.5	50.0
1,2,3-Trimethylbenzene	Ave	2.630	2.618		0.00996	0.0100	-0.4	50.0
Benzyl chloride	Qua		0.1460			0.0100	15.0	50.0
1,3,5-Trichlorobenzene	Ave	1.062	0.9729			0.0100	-8.4	50.0
2-Methylnaphthalene	Lin1		0.6744			0.0200	-43.9	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3559.D
Lims ID: CCV A9 L4
Client ID:
Sample Type: CCV
Inject. Date: 21-May-2014 10:48:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031233-003
Operator ID: 1644 Instrument ID: A3UX17
Sublist: chrom-8260_17*sub13

Method: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 22-May-2014 09:46:43 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	821048	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	627707	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	329846	10.0	10.0	
24 Acetonitrile	41	3.510	3.510	0.000	99	313315	100.0	108.9	
35 Isopropyl ether	87	4.305	4.305	0.000	93	192913	10.0	9.55	
36 2-Chloro-1,3-butadiene	53	4.352	4.352	0.000	90	353033	10.0	9.95	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.000	96	636361	10.0	10.6	
41 Ethyl acetate	43	4.826	4.826	0.000	99	362314	20.0	30.0	
42 Propionitrile	54	4.850	4.850	0.000	98	328480	100.0	109.0	
43 Methacrylonitrile	41	4.981	4.981	0.000	92	1449758	100.0	112.7	
54 Tert-amyl methyl ether	73	5.609	5.609	0.000	95	518432	10.0	11.0	
56 n-Butanol	56	5.989	5.989	0.000	90	102090	250.0	249.0	
58 Ethyl acrylate	55	6.155	6.155	0.000	98	249090	10.0	11.3	
61 Methyl methacrylate	41	6.356	6.356	0.000	91	379404	20.0	23.5	
65 2-Nitropropane	41	6.724	6.724	0.000	97	70938	20.0	24.9	
77 n-Butyl acetate	56	7.874	7.874	0.000	99	109314	10.0	13.5	
90 Cyclohexanone	55	9.546	9.546	0.000	86	47224	100.0	115.1	
100 Pentachloroethane	167	10.353	10.353	0.000	0	262375	20.0	20.7	
106 1,2,3-Trimethylbenzene	105	10.791	10.791	0.000	98	863627	10.0	9.96	
107 Benzyl chloride	126	10.886	10.886	0.000	0	48150	10.0	11.5	
112 1,3,5-Trichlorobenzene	180	12.108	12.108	0.000	94	320891	10.0	9.16	
117 2-Methylnaphthalene	142	14.384	14.384	0.000	99	444924	20.0	11.2	

Report Date: 22-May-2014 09:46:43 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3559.D

Injection Date: 21-May-2014 10:48:30 Instrument ID: A3UX17 Operator ID: 1644

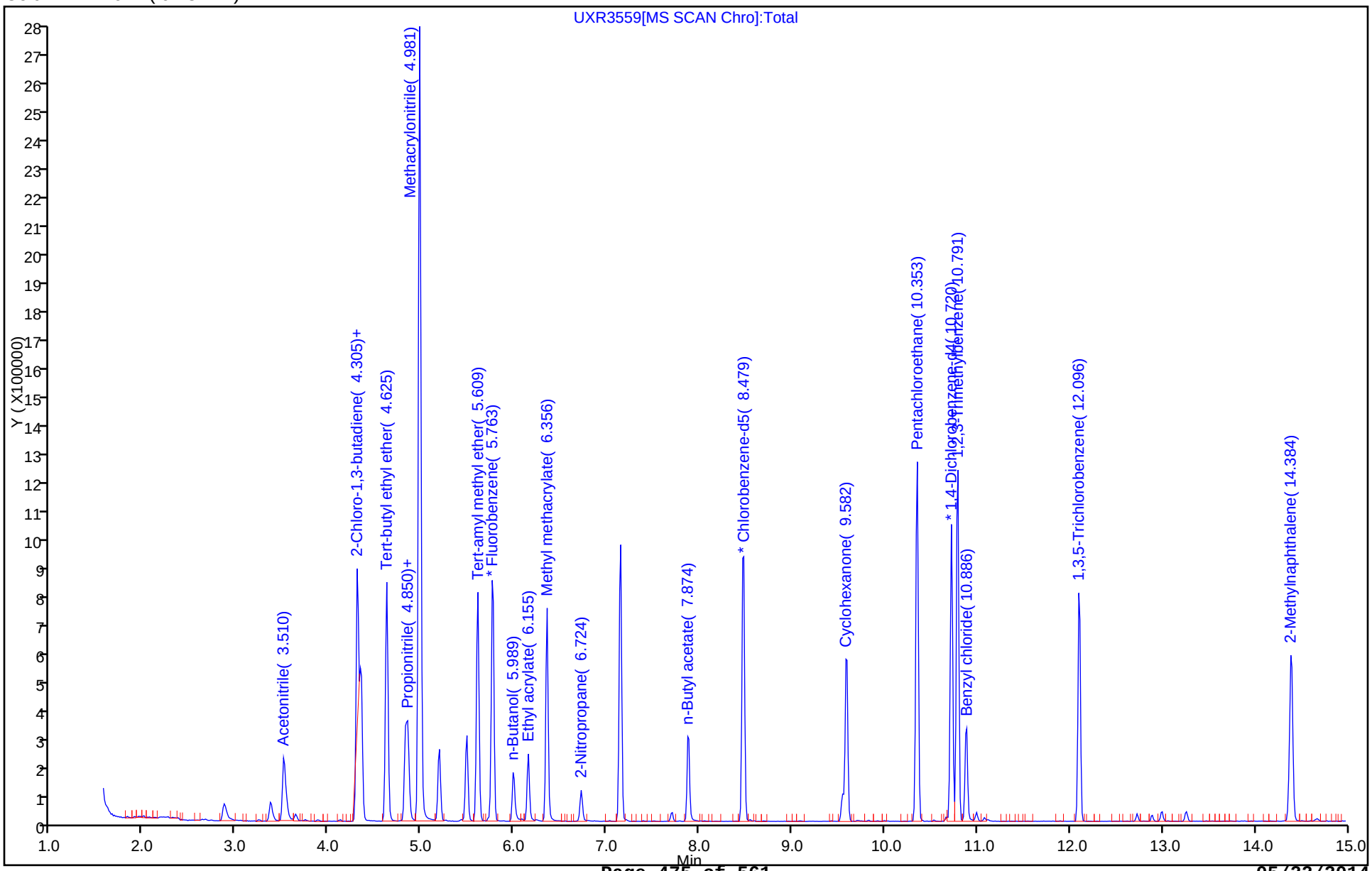
Lims ID: CCV A9 L4 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\BFB5580.D
Lims ID: BFB Lab Sample ID:
Client ID:
Sample Type: BFB
Inject. Date: 13-Mar-2014 08:39:30 ALS Bottle#: 17 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0028972-001
Operator ID: Instrument ID: A3UX10

Method: \\NCChrom\ChromData\A3UX10\20140313-28972.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 14-Mar-2014 08:02:18 Calib Date: 13-Mar-2014 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\UXX8845.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK026

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 8 BFB	95	3.720	3.720	0.0	0	494133	NR	

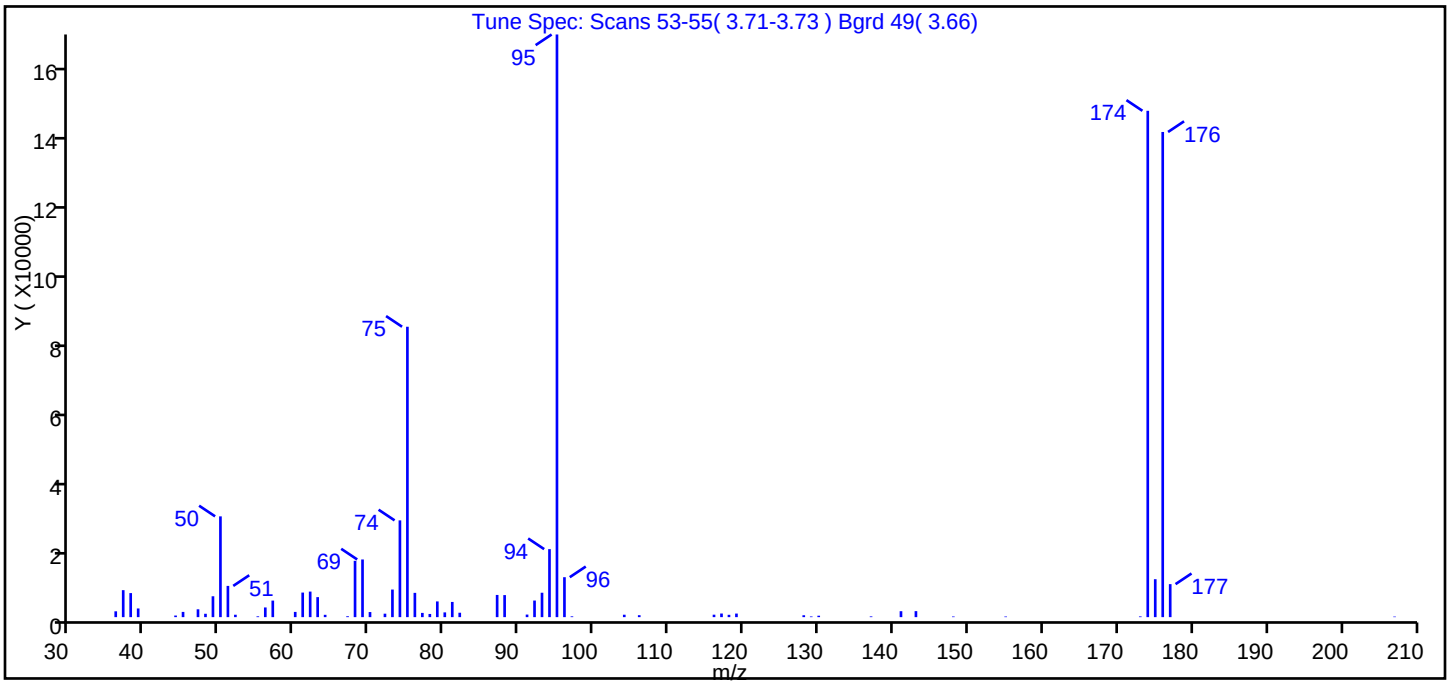
Report Date: 14-Mar-2014 08:02:18 Chrom Revision: 2.1 15-Jan-2014 14:06:26

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20140313-28972.b\BFB5580.D				
Injection Date:	13-Mar-2014 08:39:30	Instrument ID:	A3UX10		
Lims ID:	BFB	Lab Sample ID:			
Client ID:					
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_10	Limit Group:	MSV 8260B ICAL		
Tune Method:	BFB Method 8260				

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.30
75	30.00 - 60.00% of mass 95	49.80
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.10 (0.10)
174	50.00 - 120.00% of mass 95	86.90
175	5.00 - 9.00% of mass 174	6.50 (7.50)
176	95.00 - 101.00% of mass 174	83.30 (95.80)
177	5.00 - 9.00% of mass 176	5.70 (6.80)

Data File: \\NCChrom\ChromData\A3UX10\20140313-28972.b\BFB5580.D\8260_10.rslt\spectra.d
Injection Date: 13-Mar-2014 08:39:30
Spectrum: Tune Spec: Scans 53-55(3.71-3.73) Bgrd 49(3.66)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1604	61.00	6758	80.00	1309	118.00	641
37.00	7421	62.00	7029	81.00	4182	119.00	985
38.00	6615	63.00	5506	82.00	1215	128.00	522
39.00	2388	64.00	642	87.00	6105	129.00	187
44.00	443	67.00	245	88.00	6064	130.00	394
45.00	1440	68.00	15490	91.00	709	137.00	205
47.00	2159	69.00	15862	92.00	4565	141.00	1634
48.00	927	70.00	1401	93.00	6715	143.00	1652
49.00	5743	72.00	952	94.00	18704	148.00	176
50.00	27720	73.00	7590	95.00	160256	155.00	172
51.00	8592	74.00	26616	96.00	10987	173.00	198
52.00	663	75.00	79872	97.00	216	174.00	139264
55.00	222	76.00	6680	104.00	668	175.00	10434
56.00	2666	77.00	1168	106.00	534	176.00	133440
57.00	4553	78.00	877	116.00	677	177.00	9078
60.00	1440	79.00	4324	117.00	998	207.00	150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\BFB5682.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 19-May-2014 11:32:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-001
Operator ID: 1644 Instrument ID: A3UX10

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:13 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	3.722	3.722	0.000	0	397817	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Report Date: 20-May-2014 10:42:14 Chrom Revision: 2.2 16-May-2014 10:46:48

MS Tune Report

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\BFB5682.D

Injection Date: 19-May-2014 11:32:30 Instrument ID: A3UX10

Lims ID: BFB

Client ID:

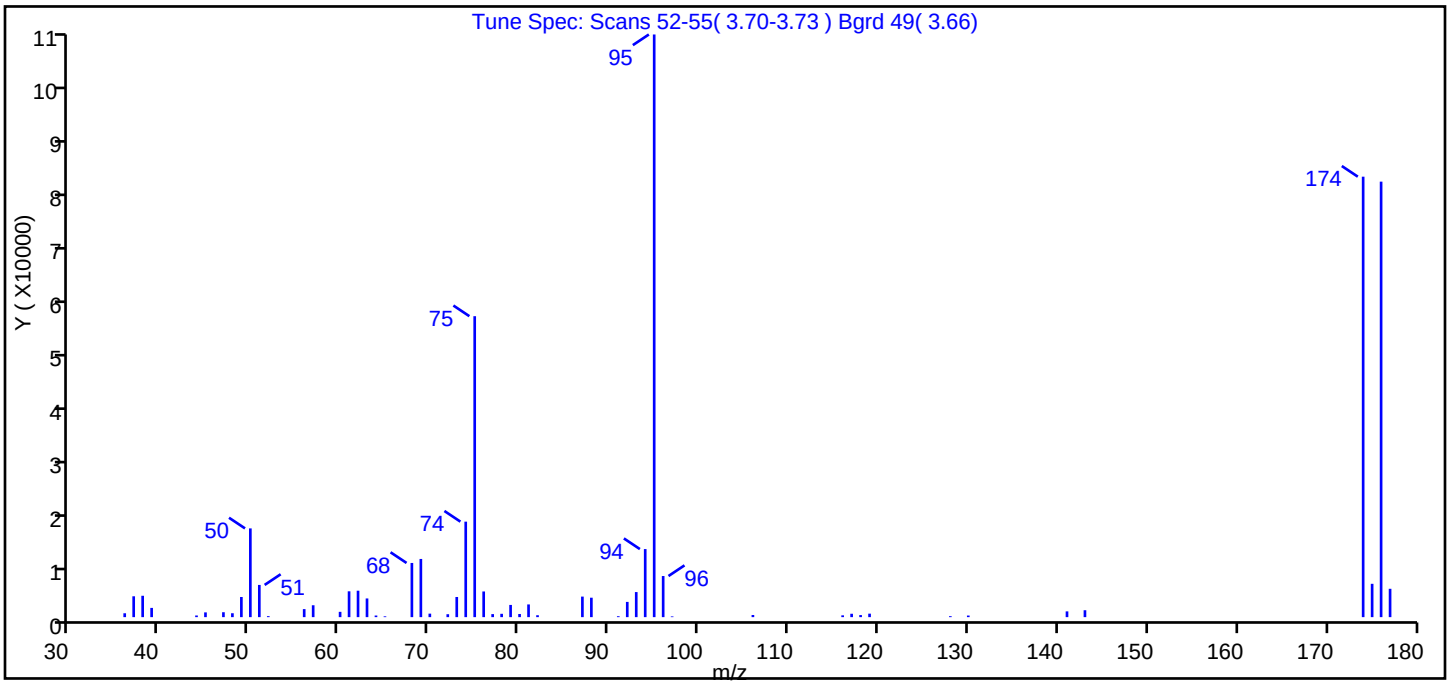
Operator ID: 1644 ALS Bottle#: 1 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_10 Limit Group: MSV 8260B ICAL

Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.20
75	30.00 - 60.00% of mass 95	51.70
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	75.60
175	5.00 - 9.00% of mass 174	5.70 (7.60)
176	95.00 - 101.00% of mass 174	74.70 (98.90)
177	5.00 - 9.00% of mass 176	4.90 (6.50)

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\BFB5682.D\8260_10.rslt\spectra.d
Injection Date: 19-May-2014 11:32:30
Spectrum: Tune Spec: Scans 52-55(3.70-3.73) Bgrd 49(3.66)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	725	60.00	993	77.00	570	97.00	133
37.00	3902	61.00	4833	78.00	624	106.00	400
38.00	3997	62.00	4946	79.00	2284	116.00	338
39.00	1729	63.00	3496	80.00	590	117.00	633
44.00	310	64.00	304	81.00	2377	118.00	385
45.00	890	65.00	150	82.00	357	119.00	652
47.00	921	68.00	10136	87.00	3844	128.00	176
48.00	731	69.00	10886	88.00	3637	130.00	300
49.00	3768	70.00	655	91.00	169	141.00	1079
50.00	16600	72.00	548	92.00	2850	143.00	1294
51.00	6026	73.00	3770	93.00	4691	174.00	82392
52.00	184	74.00	17864	94.00	12731	175.00	6235
56.00	1503	75.00	56296	95.00	108992	176.00	81464
57.00	2224	76.00	4803	96.00	7691	177.00	5302

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\BFB509E.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-May-2014 13:06:30 ALS Bottle#: 2 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: J40509A,BFBUX11,,43582 =J40509A,BFBUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11

Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 10-May-2014 10:11:57 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.429	4.429	0.000	0	1201650	NR	NR	

Report Date: 10-May-2014 10:11:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

MS Tune Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\BFB509E.D

Injection Date: 09-May-2014 13:06:30 Instrument ID: A3UX11

Lims ID: BFB

Client ID:

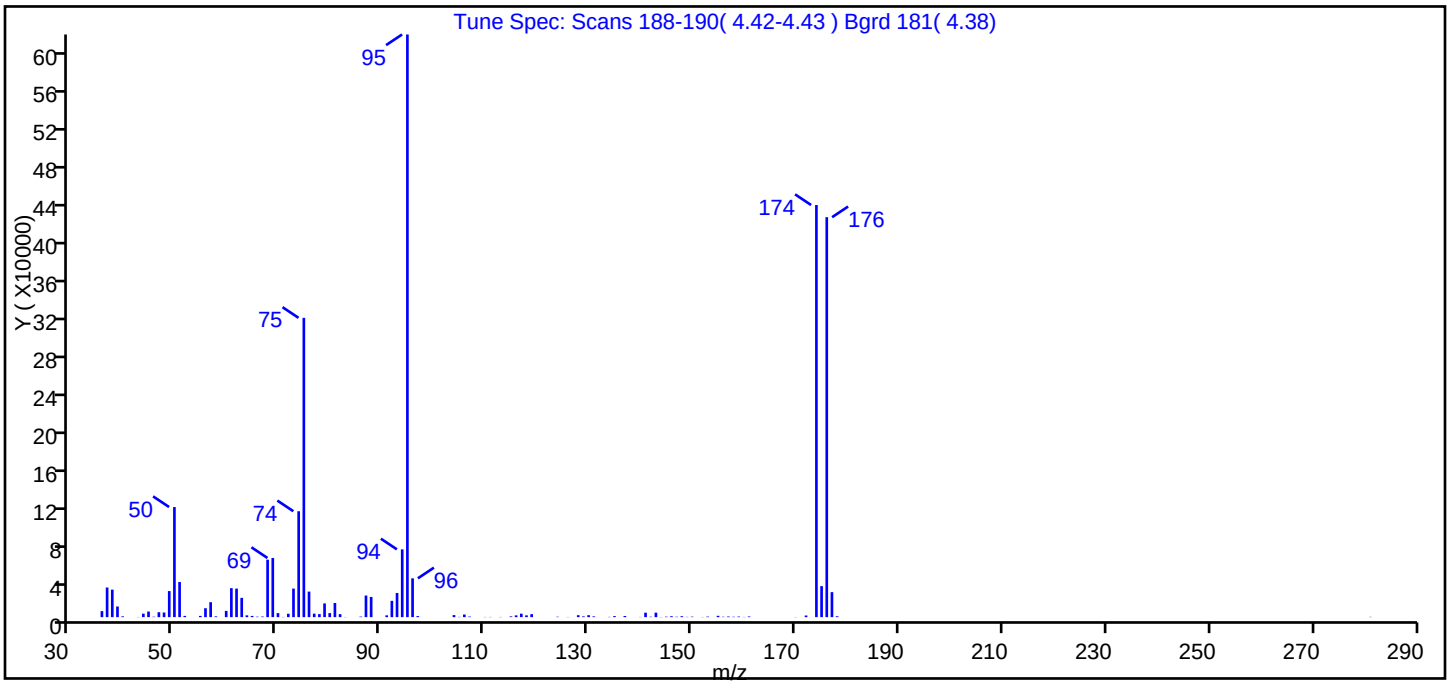
Operator ID: 43582 ALS Bottle#: 2 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_11 Limit Group: MSV 8260B ICAL

Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.90
75	30.00 - 60.00% of mass 95	51.40
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	70.70
175	5.00 - 9.00% of mass 174	5.30 (7.50)
176	95.00 - 101.00% of mass 174	68.60 (97.00)
177	5.00 - 9.00% of mass 176	4.30 (6.20)

Report Date: 10-May-2014 10:11:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\BFB509E.D\8260_11.rslt\spectra.d
Injection Date: 09-May-2014 13:06:30
Spectrum: Tune Spec: Scans 188-190(4.42-4.43) Bgrd 181(4.38)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6408	67.00	629	97.00	1108	144.00	175
37.00	31432	68.00	60912	104.00	2188	145.00	524
38.00	29168	69.00	62752	105.00	260	146.00	945
39.00	11296	70.00	4258	106.00	2783	147.00	432
40.00	824	71.00	209	107.00	613	148.00	964
43.00	181	72.00	3612	110.00	211	149.00	266
44.00	3710	73.00	30296	111.00	230	150.00	503
45.00	5957	74.00	112320	113.00	197	152.00	178
46.00	447	75.00	317440	115.00	799	153.00	571
47.00	5219	76.00	27096	116.00	1892	155.00	1420
48.00	4935	77.00	3685	117.00	3696	156.00	391
49.00	27640	78.00	3192	118.00	1883	157.00	673
50.00	116776	79.00	14562	119.00	3178	158.00	405
51.00	37240	80.00	4295	124.00	427	159.00	622
52.00	1325	81.00	14998	126.00	175	160.00	197
55.00	1314	82.00	3168	128.00	2066	161.00	699
56.00	9463	83.00	175	129.00	797	170.00	171
57.00	15872	86.00	571	130.00	2072	172.00	1741
58.00	814	87.00	22936	131.00	816	174.00	437120
60.00	6623	88.00	21432	134.00	272	175.00	32880
61.00	30728	91.00	1910	135.00	1085	176.00	424192
62.00	30264	92.00	17296	137.00	1238	177.00	26512
63.00	20456	93.00	25648	140.00	209	178.00	927
64.00	1905	94.00	71888	141.00	4729	281.00	282
65.00	1297	95.00	617984	142.00	435		
66.00	485	96.00	41176	143.00	4788		

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\BFB517.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 17-May-2014 10:35:30 ALS Bottle#: 59 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: J40517A,BFBUX11,,43582 =J40517A,BFBUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:42 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: evansle Date: 17-May-2014 10:45:47

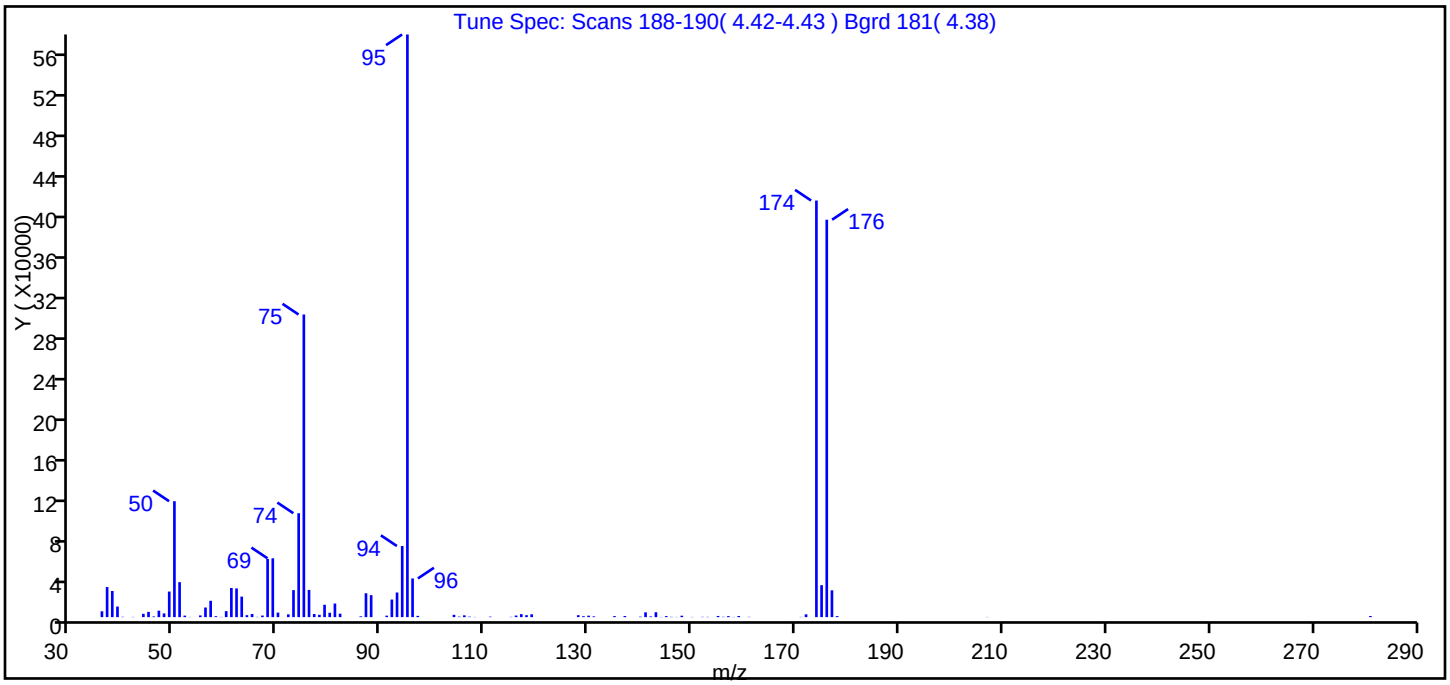
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.429	4.429	0.000	0	1236696	NR	NR	

MS Tune Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\BFB517.D
Injection Date: 17-May-2014 10:35:30 Instrument ID: A3UX11
Lims ID: BFB
Client ID:
Operator ID: 43582 ALS Bottle#: 59 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_11 Limit Group: MSV 8260B ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.90
75	30.00 - 60.00% of mass 95	51.90
96	5.00 - 9.00% of mass 95	6.60
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	71.50
175	5.00 - 9.00% of mass 174	5.50 (7.70)
176	95.00 - 101.00% of mass 174	68.20 (95.40)
177	5.00 - 9.00% of mass 176	4.60 (6.70)

Report Date: 19-May-2014 09:02:43 Chrom Revision: 2.2 14-Apr-2014 13:40:08

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\BFB517.D\8260_11.rslt\spectra.d
Injection Date: 17-May-2014 10:35:30
Spectrum: Tune Spec: Scans 188-190(4.42-4.43) Bgrd 181(4.38)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5740	64.00	1943	95.00	571328	145.00	1026
37.00	29512	65.00	3100	96.00	37936	146.00	304
38.00	25632	66.00	248	97.00	1256	147.00	181
39.00	10398	67.00	1553	104.00	2287	148.00	1424
40.00	327	68.00	57112	105.00	498	150.00	198
42.00	219	69.00	57704	106.00	1787	152.00	299
44.00	3248	70.00	4429	107.00	482	153.00	265
45.00	5154	72.00	2739	108.00	194	155.00	1152
46.00	673	73.00	26496	111.00	500	156.00	344
47.00	6343	74.00	101904	115.00	282	157.00	1022
48.00	3676	75.00	296768	116.00	1579	158.00	170
49.00	25080	76.00	26696	117.00	2961	159.00	1115
50.00	113680	77.00	3053	118.00	1932	161.00	283
51.00	34344	78.00	2275	119.00	2785	171.00	221
52.00	1504	79.00	12144	128.00	1917	172.00	2733
53.00	198	80.00	4295	129.00	901	174.00	408512
55.00	1659	81.00	13359	130.00	1459	175.00	31352
56.00	9437	82.00	3385	131.00	740	176.00	389696
57.00	16018	86.00	786	135.00	1032	177.00	26296
58.00	912	87.00	23424	137.00	1107	178.00	1010
59.00	220	88.00	21584	140.00	501	207.00	178
60.00	5891	91.00	1448	141.00	4711	281.00	1081
61.00	28576	92.00	17256	142.00	700		
62.00	28152	93.00	24176	143.00	4812		
63.00	20128	94.00	69752	144.00	184		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\BFB023.D				
Lims ID:	BFB	Lab Sample ID:			
Client ID:					
Sample Type:	BFB				
Inject. Date:	10-Mar-2014 12:55:30	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0028866-001				
Operator ID:	001644	Instrument ID:	A3UX17		
Method:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m				
Limit Group:	MSV 8260B ICAL				
Last Update:	11-Mar-2014 13:09:17	Calib Date:	10-Mar-2014 21:35:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	XAWRK048				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
$ 8 BFB	95	3.881	3.881	0.0	0	417149	NR	

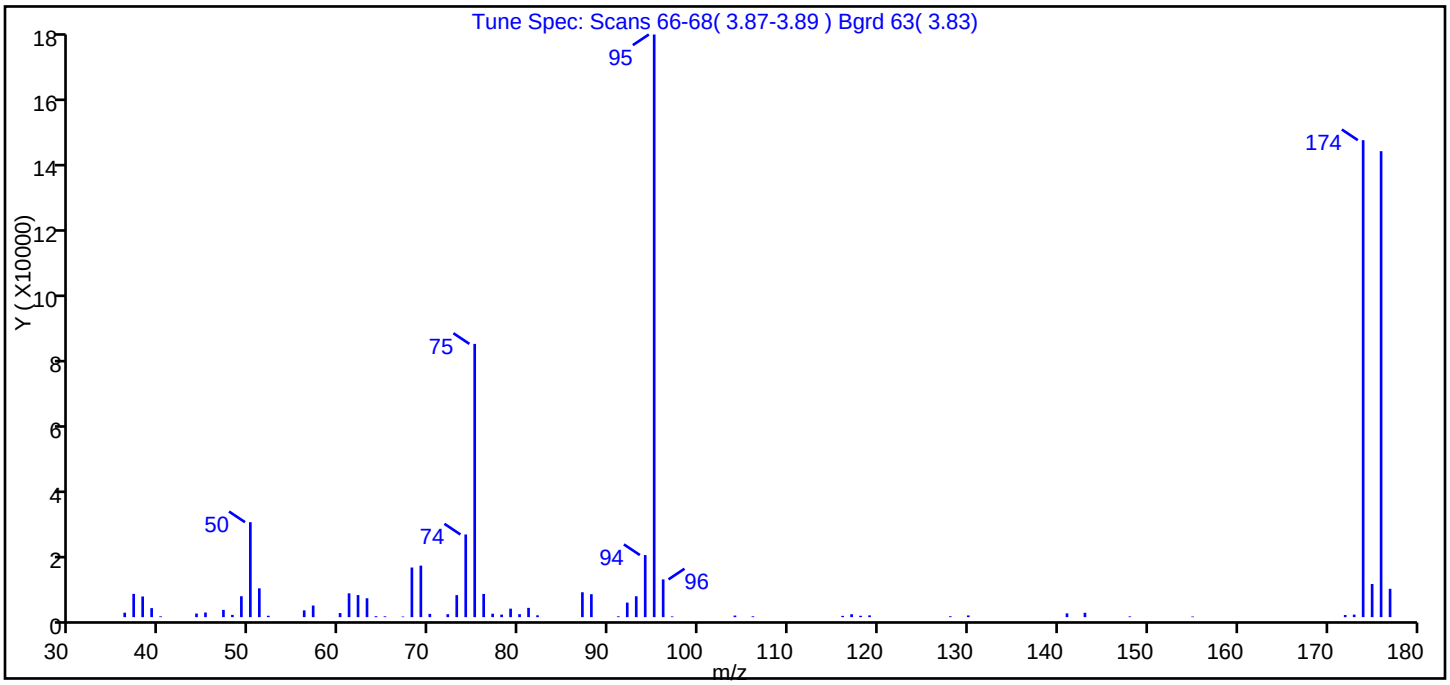
Report Date: 11-Mar-2014 13:09:18 Chrom Revision: 2.1 15-Jan-2014 14:06:26

MS Tune Report

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140310-28866.b\BFB023.D				
Injection Date:	10-Mar-2014 12:55:30	Instrument ID:	A3UX17		
Lims ID:	BFB	Lab Sample ID:			
Client ID:					
Operator ID:	001644	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Tune Method:	BFB Method 8260				

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.30
75	30.00 - 60.00% of mass 95	46.90
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.40 (0.50)
174	50.00 - 120.00% of mass 95	81.90
175	5.00 - 9.00% of mass 174	5.70 (6.90)
176	95.00 - 101.00% of mass 174	80.00 (97.70)
177	5.00 - 9.00% of mass 176	4.90 (6.10)

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\BFB023.D\8260_17.rslt\spectra.d
Injection Date: 10-Mar-2014 12:55:30
Spectrum: Tune Spec: Scans 66-68(3.87-3.89) Bgrd 63(3.83)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1316	61.00	7053	79.00	2515	117.00	865
37.00	6894	62.00	6538	80.00	880	118.00	411
38.00	6124	63.00	5589	81.00	2747	119.00	525
39.00	2669	64.00	290	82.00	544	128.00	260
40.00	235	65.00	240	87.00	7370	130.00	504
44.00	1068	67.00	183	88.00	6794	141.00	1112
45.00	1372	68.00	14696	91.00	244	143.00	1293
47.00	2152	69.00	15257	92.00	4308	148.00	217
48.00	671	70.00	970	93.00	6186	155.00	190
49.00	6193	72.00	874	94.00	18384	172.00	626
50.00	28120	73.00	6519	95.00	172544	173.00	749
51.00	8531	74.00	24480	96.00	11179	174.00	141248
52.00	412	75.00	80920	97.00	211	175.00	9810
56.00	2006	76.00	6877	104.00	471	176.00	137984
57.00	3441	77.00	1012	106.00	244	177.00	8397
60.00	1214	78.00	754	116.00	384		

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\BFB142.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 20-May-2014 10:00:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-001
Operator ID: 001644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 14:09:48 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	3.881	3.881	0.000	0	278622	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

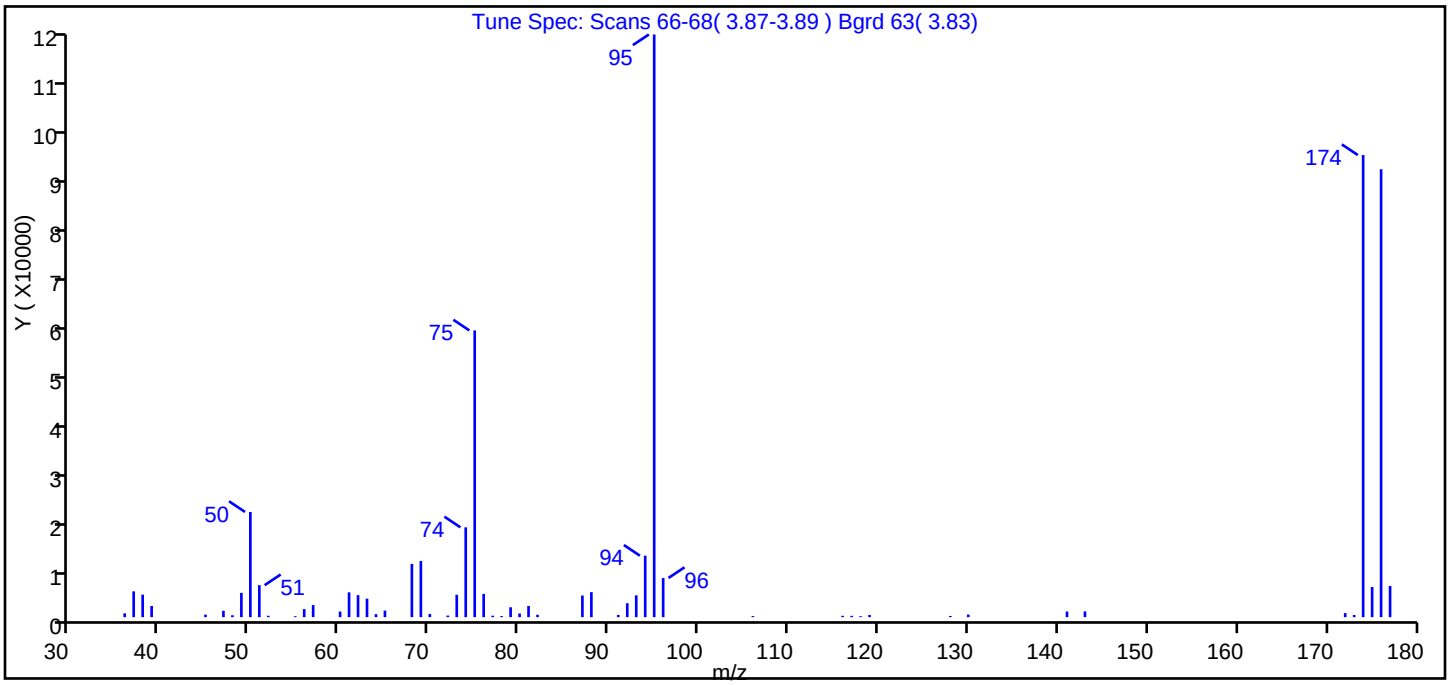
Report Date: 20-May-2014 14:09:48 Chrom Revision: 2.2 16-May-2014 10:46:48

MS Tune Report

TestAmerica Canton

Data File:	\\NCCHROM\ChromData\A3UX17\20140520-31184.b\BFB142.D				
Injection Date:	20-May-2014 10:00:30	Instrument ID:	A3UX17		
Lims ID:	BFB				
Client ID:					
Operator ID:	001644	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_17	Limit Group:	MSV 8260B ICAL		
Tune Method:	BFB Method 8260				

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.10
75	30.00 - 60.00% of mass 95	49.20
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.40 (0.50)
174	50.00 - 120.00% of mass 95	79.30
175	5.00 - 9.00% of mass 174	5.20 (6.50)
176	95.00 - 101.00% of mass 174	76.90 (96.90)
177	5.00 - 9.00% of mass 176	5.40 (7.00)

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\BFB142.D\8260_17.rslt\spectra.d
Injection Date: 20-May-2014 10:00:30
Spectrum: Tune Spec: Scans 66-68(3.87-3.89) Bgrd 63(3.83)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 57

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	721	61.00	4696	79.00	1869	118.00	174
37.00	4889	62.00	4168	80.00	685	119.00	409
38.00	4260	63.00	3492	81.00	2109	128.00	223
39.00	2107	64.00	564	82.00	441	130.00	489
45.00	473	65.00	1244	87.00	4094	141.00	1071
47.00	1214	68.00	10074	88.00	4730	143.00	1089
48.00	358	69.00	10629	91.00	412	172.00	768
49.00	4598	70.00	605	92.00	2630	173.00	403
50.00	19920	72.00	299	93.00	4125	174.00	87512
51.00	6056	73.00	4240	94.00	11639	175.00	5701
52.00	259	74.00	17008	95.00	110344	176.00	84824
55.00	176	75.00	54296	96.00	7417	177.00	5911
56.00	1517	76.00	4401	106.00	201		
57.00	2285	77.00	272	116.00	257		
60.00	1060	78.00	202	117.00	245		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\BFB145.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	21-May-2014 09:52:30	ALS Bottle#:	31	Worklist Smp#:	1
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0031233-001				
Operator ID:	001644	Instrument ID:	A3UX17		
Method:	\\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m				
Limit Group:	MSV 8260B ICAL				
Last Update:	22-May-2014 09:46:41	Calib Date:	28-Mar-2014 00:34:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	XAWRK007				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	3.881	3.881	0.000	0	288945	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Report Date: 22-May-2014 09:46:42 Chrom Revision: 2.2 16-May-2014 10:46:48

MS Tune Report

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\BFB145.D

Injection Date: 21-May-2014 09:52:30 Instrument ID: A3UX17

Lims ID: BFB

Client ID:

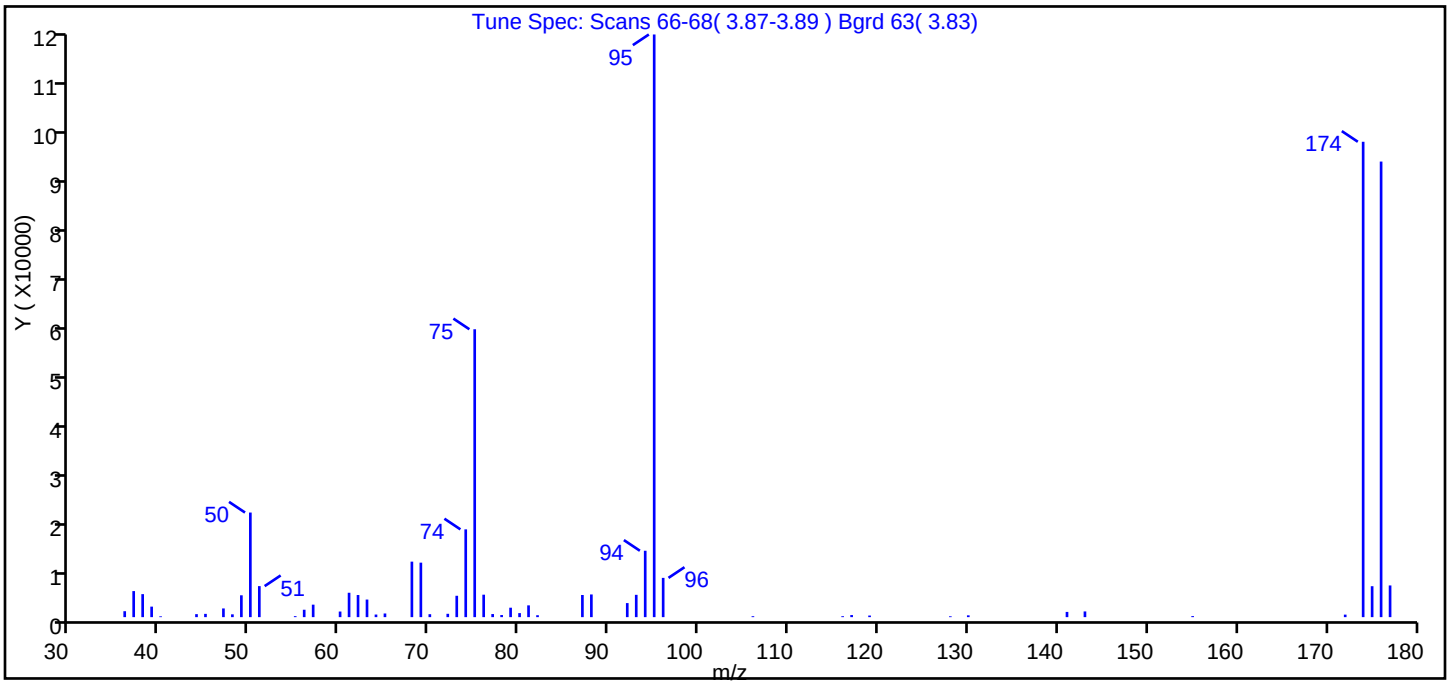
Operator ID: 001644 ALS Bottle#: 31 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_17 Limit Group: MSV 8260B ICAL

Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.00
75	30.00 - 60.00% of mass 95	49.40
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	81.60
175	5.00 - 9.00% of mass 174	5.30 (6.50)
176	95.00 - 101.00% of mass 174	78.20 (95.80)
177	5.00 - 9.00% of mass 176	5.40 (7.00)

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\BFB145.D\8260_17.rslt\spectra.d
Injection Date: 21-May-2014 09:52:30
Spectrum: Tune Spec: Scans 66-68(3.87-3.89) Bgrd 63(3.83)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1200	57.00	2525	76.00	4540	106.00	185
37.00	5267	60.00	1133	77.00	627	116.00	187
38.00	4651	61.00	4929	78.00	425	117.00	422
39.00	2125	62.00	4472	79.00	1908	119.00	324
40.00	160	63.00	3555	80.00	815	128.00	168
44.00	607	64.00	526	81.00	2381	130.00	365
45.00	662	65.00	739	82.00	388	141.00	1057
47.00	1759	68.00	11219	87.00	4476	143.00	1153
48.00	569	69.00	11014	88.00	4586	155.00	210
49.00	4417	70.00	596	92.00	2841	172.00	510
50.00	21144	72.00	677	93.00	4510	174.00	96088
51.00	6271	73.00	4319	94.00	13420	175.00	6253
55.00	197	74.00	17744	95.00	117776	176.00	92088
56.00	1497	75.00	58192	96.00	7937	177.00	6407

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-131072/5

Matrix: Water | Lab File ID: UXJ8457.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2014 12:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131072 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-131072/5

Matrix: Water | Lab File ID: UXJ8457.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2014 12:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131072 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	80		66-120
1868-53-7	Dibromofluoromethane (Surr)	88		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		63-129
2037-26-5	Toluene-d8 (Surr)	90		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8457.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-May-2014 12:35:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031107-005
Misc. Info.: J40517A,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:45 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: evansle Date: 17-May-2014 14:11:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1271834	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	85	618437	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	201912	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	96	265491	8.34	7.30	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	96	325245	8.34	6.45	
$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	909130	8.34	7.47	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	86	187724	8.34	6.65	
9 Dichlorodifluoromethane	85		1.668						
10 Isobutylene TIC	1		1.750						
11 Chloromethane	50		1.822						
12 Vinyl chloride	62		1.928						
13 1,3-Butadiene TIC	1		1.950						
124 Butadiene	54		1.964						
14 Bromomethane	94		2.236						
15 Chloroethane	64		2.331						
16 Dichlorofluoromethane	67		2.484						
17 Trichlorofluoromethane	101		2.544						
18 Ethyl ether	59		2.757						
19 Acrolein	56		2.875						
20 1,1-Dichloroethene	96		2.993						
22 Acetone	43		2.993						
21 1,1,2-Trichloro-1,2,2-trif	151		2.993						
23 Methylal	45		3.100						
24 Iodomethane	142		3.135						
25 Carbon disulfide	76		3.194						
27 Acetonitrile	41		3.230						
26 3-Chloro-1-propene	76		3.265						
29 Methyl acetate	43		3.265						
28 Methylene Chloride	84	3.372	3.372	0.000	59	7544		0.2342	
30 2-Methyl-2-propanol	59		3.431						
31 Acrylonitrile	53		3.561						

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73		3.597						
33 trans-1,2-Dichloroethene	96		3.597						
34 Hexane	86		3.833						
35 1,1-Dichloroethane	63		3.940						
36 Vinyl acetate	43		3.963						
37 Isopropyl ether	87		3.999						
38 2-Chloro-1,3-butadiene	53		4.023						
39 Tert-butyl ethyl ether	59		4.295						
45 2-Butanone (MEK)	43		4.425						
40 cis-1,2-Dichloroethene	96		4.425						
41 2,2-Dichloropropane	77		4.437						
42 Ethyl acetate	43		4.460						
43 Propionitrile	54		4.472						
48 Methacrylonitrile	41		4.602						
44 Chlorobromomethane	128		4.626						
46 Tetrahydrofuran	42		4.673						
47 Chloroform	83		4.673						
49 1,1,1-Trichloroethane	97		4.851						
50 Cyclohexane	56		4.910						
51 1,1-Dichloropropene	75		4.981						
52 Carbon tetrachloride	117		4.993						
53 Isobutyl alcohol	41		5.028						
54 Benzene	78		5.159						
55 1,2-Dichloroethane	62		5.159						
56 Tert-amyl methyl ether	73		5.241						
57 n-Heptane	100		5.372						
58 n-Butanol	56		5.585						
59 Trichloroethene	130		5.703						
60 Ethyl acrylate	55		5.750						
61 Methylcyclohexane	83		5.880						
62 1,2-Dichloropropane	63		5.892						
65 Methyl methacrylate	41		5.963						
63 Dibromomethane	93		5.987						
64 1,4-Dioxane	88		5.999						
66 Dichlorobromomethane	83		6.117						
68 2-Nitropropane	41		6.295						
67 2-Chloroethyl vinyl ether	63		6.354						
69 cis-1,3-Dichloropropene	75		6.496						
70 4-Methyl-2-pentanone (MIBK	43		6.626						
71 Toluene	91		6.815						
72 trans-1,3-Dichloropropene	75		6.981						
73 Ethyl methacrylate	69		7.052						
74 1,1,2-Trichloroethane	97		7.158						
76 1,3-Dichloropropane	76		7.312						
75 Tetrachloroethene	164		7.312						
77 2-Hexanone	43		7.371						
79 n-Butyl acetate	43		7.478						
78 Chlorodibromomethane	129		7.525						
80 Tetrahydrothiophene	60		7.537						
81 Ethylene Dibromide	107		7.644						
83 1-Chlorohexane	91		8.058						
82 Chlorobenzene	112		8.093						

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,1,2-Tetrachloroethane	131		8.164						
85 Ethylbenzene	106		8.188						
86 m-Xylene & p-Xylene	106		8.294						
88 o-Xylene	106		8.685						
87 Styrene	104		8.685						
89 Bromoform	173		8.874						
90 Isopropylbenzene	105		9.028						
91 1,4-Dichlorobutane	55		9.111						
92 Cyclohexanone	55		9.123						
93 1,1,2,2-Tetrachloroethane	83		9.300						
94 Bromobenzene	156		9.336						
95 1,2,3-Trichloropropane	110		9.347						
97 trans-1,4-Dichloro-2-buten	53		9.359						
96 N-Propylbenzene	120		9.430						
98 2-Chlorotoluene	126		9.525						
99 1,3,5-Trimethylbenzene	105		9.596						
100 4-Chlorotoluene	126		9.620						
101 tert-Butylbenzene	119		9.927						
103 Pentachloroethane	167		9.951						
102 1,2,4-Trimethylbenzene	105		9.963						
106 sec-Butylbenzene	105		10.140						
104 1,3-Dichlorobenzene	146		10.259						
105 4-Isopropyltoluene	119		10.282						
107 1,4-Dichlorobenzene	146		10.341						
108 1,2,3-Trimethylbenzene	105		10.389						
110 Benzyl chloride	126		10.472						
109 1,3-Diethylbenzene TIC	1		10.500						
111 n-Butylbenzene	91		10.685						
112 1,2-Dichlorobenzene	146		10.708						
113 1,2-Dibromo-3-Chloropropan	157		11.489						
114 1,3,5-Trichlorobenzene	180		11.702						
115 1,2,4-Trichlorobenzene	180		12.318						
116 Hexachlorobutadiene	225		12.495						
117 Naphthalene	128		12.578						
118 1,2,3-Trichlorobenzene	180		12.838						
119 2-Methylnaphthalene	142		13.939						
128 Chlorodifluoromethane TIC	1		0.000						
121 Epichlorohydrin	1		0.000						
122 Propene oxide	1		0.000						
123 Ethylene oxide	1		0.000						
120 Pentachloroethane TIC	1		0.000						
126 3-Ethyltoluene	1		0.000						
125 2-Ethyltoluene	1		0.000						
129 C6-C10	1		0.000						
127 C6-C12	1		0.000						
S 130 1,2-Dichloroethene, Total	96		1.140						
S 131 1,3-Dichloropropene, Total	75		6.760						
S 132 Xylenes, Total	106		16.530						
S 133 Trihalomethanes, Total	1		0.000						
T 134 Butyl Methacrylate TIC	1		8.925						
T 135 Hexachloroethane TIC	1		10.774						

Report Date: 19-May-2014 09:02:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8457.D

Injection Date: 17-May-2014 12:35:30 Instrument ID: A3UX11 Operator ID: 43582

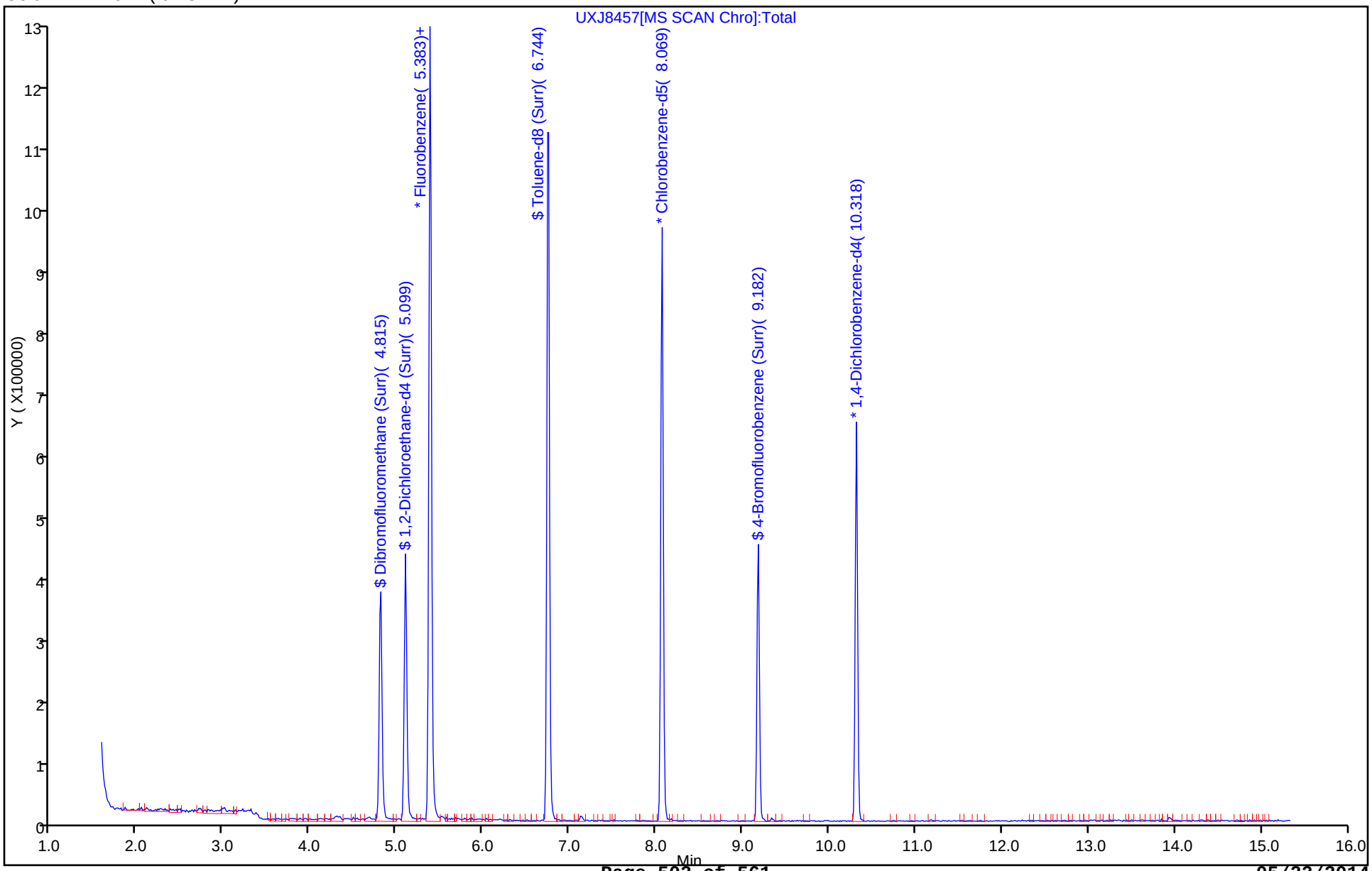
Lims ID: MB Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-131184/6

Matrix: Water | Lab File ID: UXR0657.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/19/2014 13:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131184 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.02	J	10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-131184/6

Matrix: Water | Lab File ID: UXR0657.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/19/2014 13:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131184 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	87		66-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		63-129
2037-26-5	Toluene-d8 (Surr)	90		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0657.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-May-2014 13:37:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-006
Operator ID: 1644 Instrument ID: A3UX10

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:16 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: williamsla Date: 19-May-2014 14:24:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.542	5.545	-0.003	99	1064757	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.227	8.230	-0.003	85	754914	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.474	10.465	0.009	96	411263	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.974	4.973	0.001	54	283823	12.3	12.9	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.270	5.257	0.013	0	353597	12.3	13.5	
$ 6 Toluene-d8 (Surr)	98	6.914	6.913	0.001	83	992651	12.3	11.0	
$ 7 4-Bromofluorobenzene (Surr	95	9.339	9.338	0.001	83	366942	12.3	10.7	
9 Dichlorodifluoromethane	85		1.590					ND	
10 Chloromethane	50		1.732					ND	
11 Vinyl chloride	62		1.851					ND	
12 Butadiene	54		1.886					ND	
13 Bromomethane	94		2.182					ND	
14 Chloroethane	64		2.277					ND	
15 Dichlorofluoromethane	67		2.478					ND	
16 Trichlorofluoromethane	101		2.525					ND	
17 Ethyl ether	59		2.785					ND	
18 Acrolein	56		2.915					ND	
19 1,1-Dichloroethene	96		3.010					ND	
20 1,1,2-Trichloro-1,2,2-trif	151		3.022					ND	
21 Acetone	43	3.070	3.057	0.013	72	12623		2.02	
23 Methylal	45		3.061					ND	
22 Iodomethane	142		3.152					ND	
24 Carbon disulfide	76		3.211					ND	
25 Acetonitrile	41		3.333					ND	
26 3-Chloro-1-propene	76		3.341					ND	
27 Methyl acetate	43		3.353					ND	
28 Methylene Chloride	84		3.448					ND	
29 2-Methyl-2-propanol	59		3.554					ND	
31 Acrylonitrile	53		3.684					ND	
32 Methyl tert-butyl ether	73		3.684					ND	
30 trans-1,2-Dichloroethene	96		3.684					ND	
33 Hexane	86		3.909					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63		4.063					ND	
35 Vinyl acetate	43		4.098					ND	
36 Isopropyl ether	87		4.101					ND	
37 2-Chloro-1,3-butadiene	53		4.137					ND	
38 Tert-butyl ethyl ether	59		4.409					ND	
39 2,2-Dichloropropane	77		4.559					ND	
40 cis-1,2-Dichloroethene	96		4.559					ND	
41 2-Butanone (MEK)	43		4.583					ND	
42 Ethyl acetate	43		4.622					ND	
43 Propionitrile	54		4.646					ND	
44 Methacrylonitrile	41		4.764					ND	
45 Chlorobromomethane	128		4.772					ND	
46 Tetrahydrofuran	42		4.808					ND	
47 Chloroform	83		4.831					ND	
48 1,1,1-Trichloroethane	97		4.985					ND	
49 Cyclohexane	56		5.033					ND	
50 1,1-Dichloropropene	75		5.127					ND	
51 Carbon tetrachloride	117		5.127					ND	
52 Isobutyl alcohol	41		5.222					ND	
53 Benzene	78		5.305					ND	
54 1,2-Dichloroethane	62		5.328					ND	
55 Tert-amyl methyl ether	73		5.379					ND	
56 n-Heptane	100		5.506					ND	
57 n-Butanol	56		5.781					ND	
58 Trichloroethene	130		5.849					ND	
59 Ethyl acrylate	55		5.935					ND	
60 Methylcyclohexane	83		6.014					ND	
61 1,2-Dichloropropane	63		6.050					ND	
62 Methyl methacrylate	41		6.136					ND	
63 Dibromomethane	93		6.156					ND	
64 1,4-Dioxane	88		6.168					ND	
65 Dichlorobromomethane	83		6.286					ND	
66 2-Nitropropane	41		6.503					ND	
67 2-Chloroethyl vinyl ether	63		6.535					ND	
68 cis-1,3-Dichloropropene	75		6.677					ND	
69 4-Methyl-2-pentanone (MIBK	43		6.807					ND	
70 Toluene	91		6.972					ND	
71 trans-1,3-Dichloropropene	75		7.162					ND	
72 Ethyl methacrylate	69		7.233					ND	
73 1,1,2-Trichloroethane	97		7.339					ND	
74 Tetrachloroethene	164		7.457					ND	
75 1,3-Dichloropropane	76		7.493					ND	
76 2-Hexanone	43		7.552					ND	
77 n-Butyl acetate	56		7.650					ND	
79 Tetrahydrothiophene	60		7.699					ND	
78 Chlorodibromomethane	129		7.706					ND	
80 Ethylene Dibromide	107		7.812					ND	
81 1-Chlorohexane	91		8.218					ND	
82 Chlorobenzene	112		8.262					ND	
83 1,1,1,2-Tetrachloroethane	131		8.333					ND	
84 Ethylbenzene	106		8.345					ND	
85 m-Xylene & p-Xylene	106		8.451					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 o-Xylene	106		8.841					ND	
87 Styrene	104		8.853					ND	
88 Bromoform	173		9.042					ND	
89 Isopropylbenzene	105		9.184					ND	
90 1,4-Dichlorobutane	55		9.296					ND	
91 Cyclohexanone	55		9.306					ND	
92 1,1,2,2-Tetrachloroethane	83		9.480					ND	
93 Bromobenzene	156		9.492					ND	
94 1,2,3-Trichloropropane	110		9.527					ND	
95 trans-1,4-Dichloro-2-buten	53		9.539					ND	
96 N-Propylbenzene	120		9.575					ND	
97 2-Chlorotoluene	126		9.669					ND	
98 1,3,5-Trimethylbenzene	105		9.752					ND	
99 4-Chlorotoluene	126		9.776					ND	
100 tert-Butylbenzene	119		10.072					ND	
101 Pentachloroethane	167		10.099					ND	
102 1,2,4-Trimethylbenzene	105		10.119					ND	
103 sec-Butylbenzene	105		10.284					ND	
104 1,3-Dichlorobenzene	146		10.403					ND	
105 4-Isopropyltoluene	119		10.426					ND	
106 1,4-Dichlorobenzene	146		10.497					ND	
107 1,2,3-Trimethylbenzene	105		10.536					ND	
108 Benzyl chloride	126		10.631					ND	
109 n-Butylbenzene	91		10.829					ND	
110 1,2-Dichlorobenzene	146		10.864					ND	
111 1,2-Dibromo-3-Chloropropan	157		11.645					ND	
112 1,3,5-Trichlorobenzene	180		11.837					ND	
113 1,2,4-Trichlorobenzene	180		12.461					ND	
114 Hexachlorobutadiene	225		12.626					ND	
115 Naphthalene	128		12.721					ND	
116 1,2,3-Trichlorobenzene	180		12.970					ND	
117 2-Methylnaphthalene	142		14.026					ND	
126 3-Ethyltoluene	1		0.000					ND	
125 C6-C12	1		0.000					ND	
121 C6-C10	1		0.000					ND	
124 Ethylene oxide	1		0.000					ND	
119 2-Ethyltoluene	1		0.000					ND	
122 Epichlorohydrin	1		0.000					ND	
118 1,3-Diethylbenzene TIC	1		0.000					ND	
120 Propene oxide	1		0.000					ND	
S 128 1,2-Dichloroethene, Total	96		1.140					0	
S 129 1,3-Dichloropropene, Total	75		6.760					0	
S 130 Xylenes, Total	106		16.530					0	
S 131 Trihalomethanes, Total	1		0.000					0	
T 127 Chlorodifluoromethane TIC	51		1.592					0	
T 132 Isobutylene TIC	56		1.700					0	
T 133 1,3-Butadiene TIC	54		1.889					0	
T 134 Butyl Methacrylate TIC	1		9.760					0	
T 123 Pentachloroethane TIC	167		10.200					0	
T 135 Hexachloroethane TIC	1		11.050					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 20-May-2014 10:42:18 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0657.D

Injection Date: 19-May-2014 13:37:30 Instrument ID: A3UX10 Operator ID: 1644

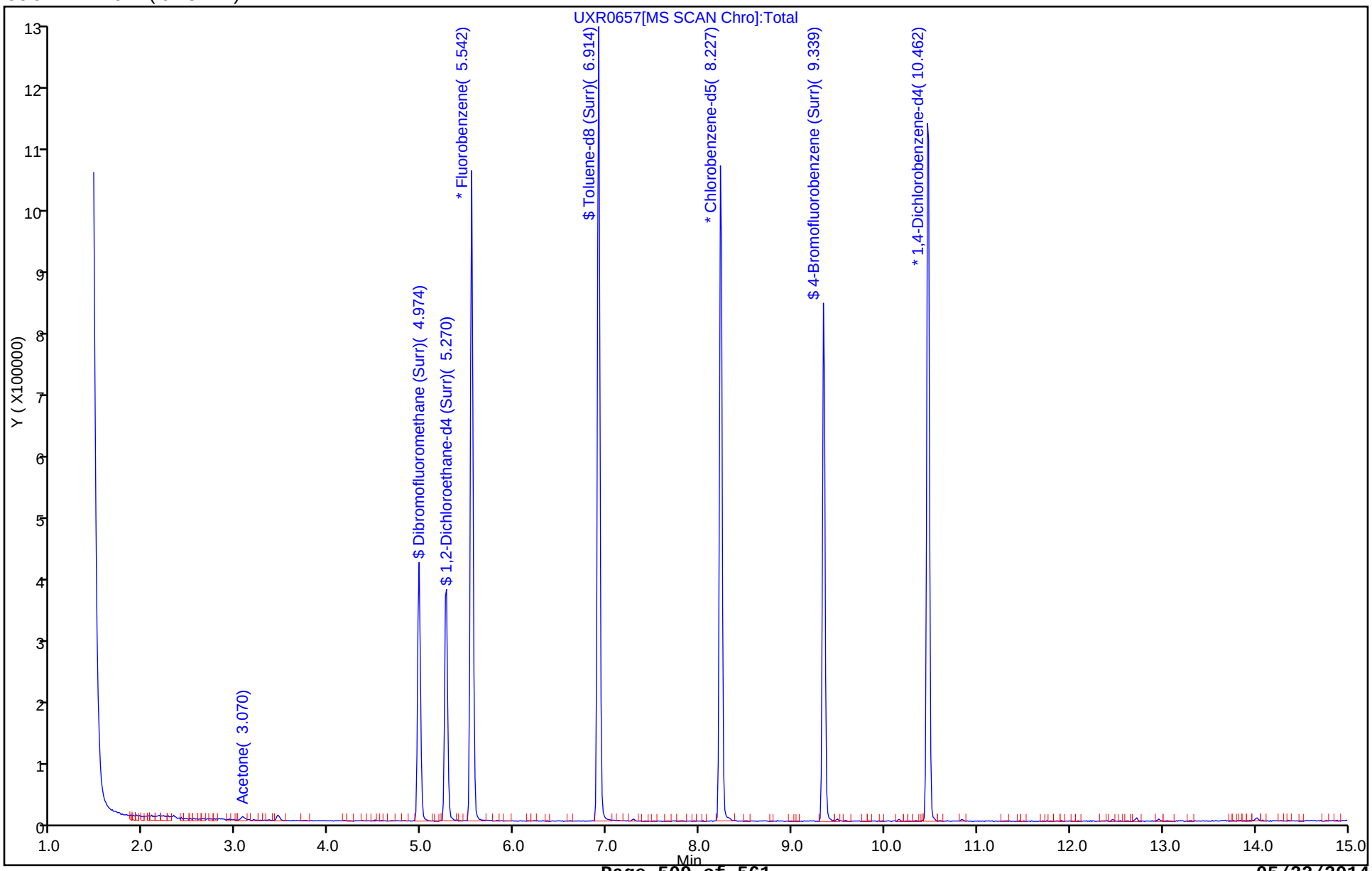
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



Report Date: 20-May-2014 10:42:18 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0657.D

Injection Date: 19-May-2014 13:37:30 Instrument ID: A3UX10

Lims ID: MB

Client ID:

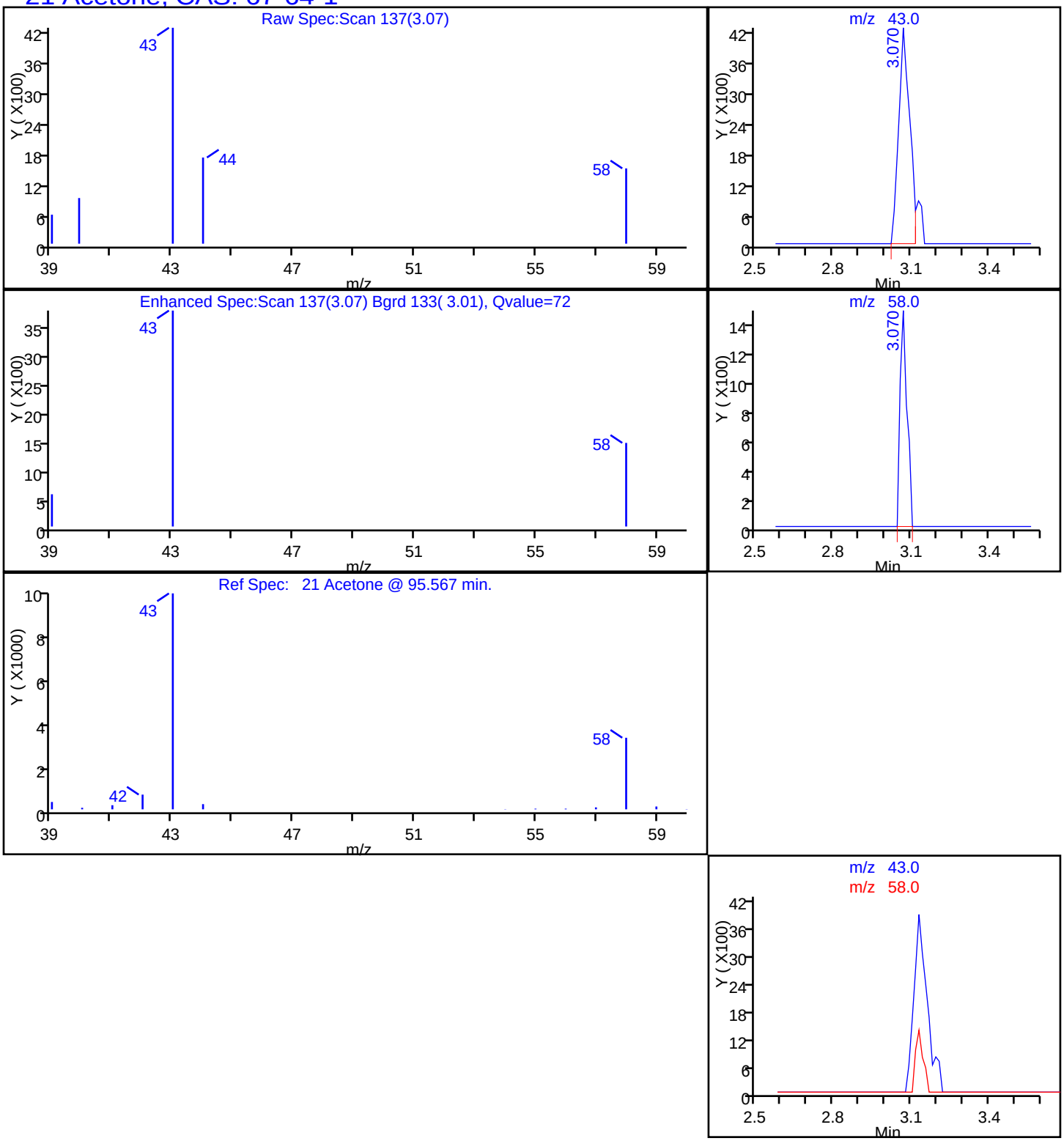
Operator ID: 1644 ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-131334/6

Matrix: Water | Lab File ID: UXR3533.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 12:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-131334/6

Matrix: Water | Lab File ID: UXR3533.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/20/2014 12:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131334 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		66-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		63-129
2037-26-5	Toluene-d8 (Surr)	91		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3533.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-May-2014 12:03:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-006
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 14:09:49 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: williamsla Date: 20-May-2014 14:07:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.775	-0.012	99	778880	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	613828	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	95	319069	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	58	157325	8.91	8.89	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	217416	8.91	9.69	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	684866	8.91	8.15	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	90	225566	8.91	7.48	
9 Dichlorodifluoromethane	85		1.648					ND	
10 Chloromethane	50		1.826					ND	
11 Vinyl chloride	62		1.957					ND	
119 Butadiene	54		1.992					ND	
12 Bromomethane	94		2.313					ND	
13 Chloroethane	64		2.419					ND	
14 Dichlorofluoromethane	67		2.633					ND	
15 Trichlorofluoromethane	101		2.668					ND	
16 Ethyl ether	59		2.953					ND	
18 Acrolein	56		3.095					ND	
19 1,1-Dichloroethene	96		3.178					ND	
20 1,1,2-Trichloro-1,2,2-trif	151		3.202					ND	
17 Methylal	45		3.237					ND	
21 Acetone	43		3.238					ND	
22 Iodomethane	142		3.332					ND	
23 Carbon disulfide	76		3.392					ND	
24 Acetonitrile	41		3.510					ND	
25 3-Chloro-1-propene	76		3.522					ND	
26 Methyl acetate	43		3.546					ND	
27 Methylene Chloride	84	3.641	3.641	0.000	68	6941		0.2861	
28 2-Methyl-2-propanol	59		3.736					ND	
29 Acrylonitrile	53		3.878					ND	
30 Methyl tert-butyl ether	73		3.878					ND	
31 trans-1,2-Dichloroethene	96		3.890					ND	
32 Hexane	86		4.115					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 1,1-Dichloroethane	63		4.269					ND	
35 Isopropyl ether	87		4.305					ND	
34 Vinyl acetate	43		4.305					ND	
36 2-Chloro-1,3-butadiene	53		4.352					ND	
37 Tert-butyl ethyl ether	59		4.625					ND	
39 cis-1,2-Dichloroethene	96		4.779					ND	
38 2,2-Dichloropropane	77		4.779					ND	
40 2-Butanone (MEK)	43		4.779					ND	
41 Ethyl acetate	43		4.826					ND	
42 Propionitrile	54		4.850					ND	
43 Methacrylonitrile	41		4.980					ND	
44 Chlorobromomethane	128		4.993					ND	
45 Tetrahydrofuran	42		5.028					ND	
46 Chloroform	83		5.052					ND	
47 1,1,1-Trichloroethane	97		5.206					ND	
48 Cyclohexane	56		5.253					ND	
49 1,1-Dichloropropene	75		5.348					ND	
50 Carbon tetrachloride	117		5.348					ND	
51 Isobutyl alcohol	41		5.419					ND	
52 Benzene	78		5.538					ND	
53 1,2-Dichloroethane	62		5.550					ND	
54 Tert-amyl methyl ether	73		5.609					ND	
55 n-Heptane	100		5.728					ND	
56 n-Butanol	56		5.988					ND	
57 Trichloroethene	130		6.084					ND	
58 Ethyl acrylate	55		6.154					ND	
59 Methylcyclohexane	83		6.250					ND	
60 1,2-Dichloropropane	63		6.285					ND	
61 Methyl methacrylate	41		6.356					ND	
62 Dibromomethane	93		6.392					ND	
63 1,4-Dioxane	88		6.392					ND	
64 Dichlorobromomethane	83		6.522					ND	
65 2-Nitropropane	41		6.724					ND	
66 2-Chloroethyl vinyl ether	63		6.759					ND	
67 cis-1,3-Dichloropropene	75		6.902					ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032					ND	
69 Toluene	91		7.210					ND	
70 trans-1,3-Dichloropropene	75		7.400					ND	
71 Ethyl methacrylate	69		7.447					ND	
72 1,1,2-Trichloroethane	97		7.566					ND	
73 Tetrachloroethene	164		7.696					ND	
75 1,3-Dichloropropane	76		7.732					ND	
76 2-Hexanone	43		7.779					ND	
77 n-Butyl acetate	56		7.874					ND	
74 Tetrahydrothiophene	60		7.933					ND	
78 Chlorodibromomethane	129		7.933					ND	
79 Ethylene Dibromide	107		8.052					ND	
80 1-Chlorohexane	91		8.443					ND	
81 Chlorobenzene	112		8.503					ND	
82 1,1,1,2-Tetrachloroethane	131		8.574					ND	
83 Ethylbenzene	106		8.586					ND	
84 m-Xylene & p-Xylene	106		8.692					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 o-Xylene	106		9.084					ND	
86 Styrene	104		9.096					ND	
87 Bromoform	173		9.285					ND	
89 Isopropylbenzene	105		9.428					ND	
88 1,4-Dichlorobutane	55		9.534					ND	
90 Cyclohexanone	55		9.546					ND	
91 1,1,2,2-Tetrachloroethane	83		9.724					ND	
92 Bromobenzene	156		9.748					ND	
93 trans-1,4-Dichloro-2-buten	53		9.772					ND	
94 1,2,3-Trichloropropane	110		9.772					ND	
95 N-Propylbenzene	120		9.831					ND	
126 3-Ethyltoluene	105		9.850					ND	
96 2-Chlorotoluene	126		9.926					ND	
97 1,3,5-Trimethylbenzene	105		9.997					ND	
98 4-Chlorotoluene	126		10.032					ND	
120 2-Ethyltoluene	105		10.140					ND	
99 tert-Butylbenzene	119		10.317					ND	
100 Pentachloroethane	167		10.352					ND	
101 1,2,4-Trimethylbenzene	105		10.364					ND	
102 sec-Butylbenzene	105		10.530					ND	
103 1,3-Dichlorobenzene	146		10.661					ND	
104 4-Isopropyltoluene	119		10.673					ND	
105 1,4-Dichlorobenzene	146		10.744					ND	
106 1,2,3-Trimethylbenzene	105		10.791					ND	
107 Benzyl chloride	126		10.886					ND	
108 n-Butylbenzene	91		11.076					ND	
109 1,2-Dichlorobenzene	146		11.123					ND	
110 1,3-Diethylbenzene TIC	1		11.200					ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906					ND	
112 1,3,5-Trichlorobenzene	180		12.107					ND	
113 1,2,4-Trichlorobenzene	180		12.724					ND	
114 Hexachlorobutadiene	225		12.890					ND	
115 Naphthalene	128		12.997					ND	
116 1,2,3-Trichlorobenzene	180		13.258					ND	
117 2-Methylnaphthalene	142		14.384					ND	
123 C6-C10	1		0.000					ND	
121 Pentachloroethane TIC	1		0.000					ND	
125 Ethylene oxide	1		0.000					ND	
122 Epichlorohydrin	1		0.000					ND	
118 C6-C12	1		0.000					ND	
124 Propene oxide	1		0.000					ND	
127 Chlorodifluoromethane TIC	1		1.900					ND	
S 128 1,2-Dichloroethene, Total	96		1.140					0	
S 129 1,3-Dichloropropene, Total	75		6.760					0	
S 130 Xylenes, Total	106		16.530					0	
S 131 Trihalomethanes, Total	1		0.000					0	
T 132 Isobutylene TIC	1		1.900					0	
T 133 1,3-Butadiene TIC	1		2.100					0	
T 134 Butyl Methacrylate TIC	1		9.900					0	
T 135 Hexachloroethane TIC	1		11.200					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 20-May-2014 14:09:51 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3533.D

Injection Date: 20-May-2014 12:03:30 Instrument ID: A3UX17 Operator ID: 1644

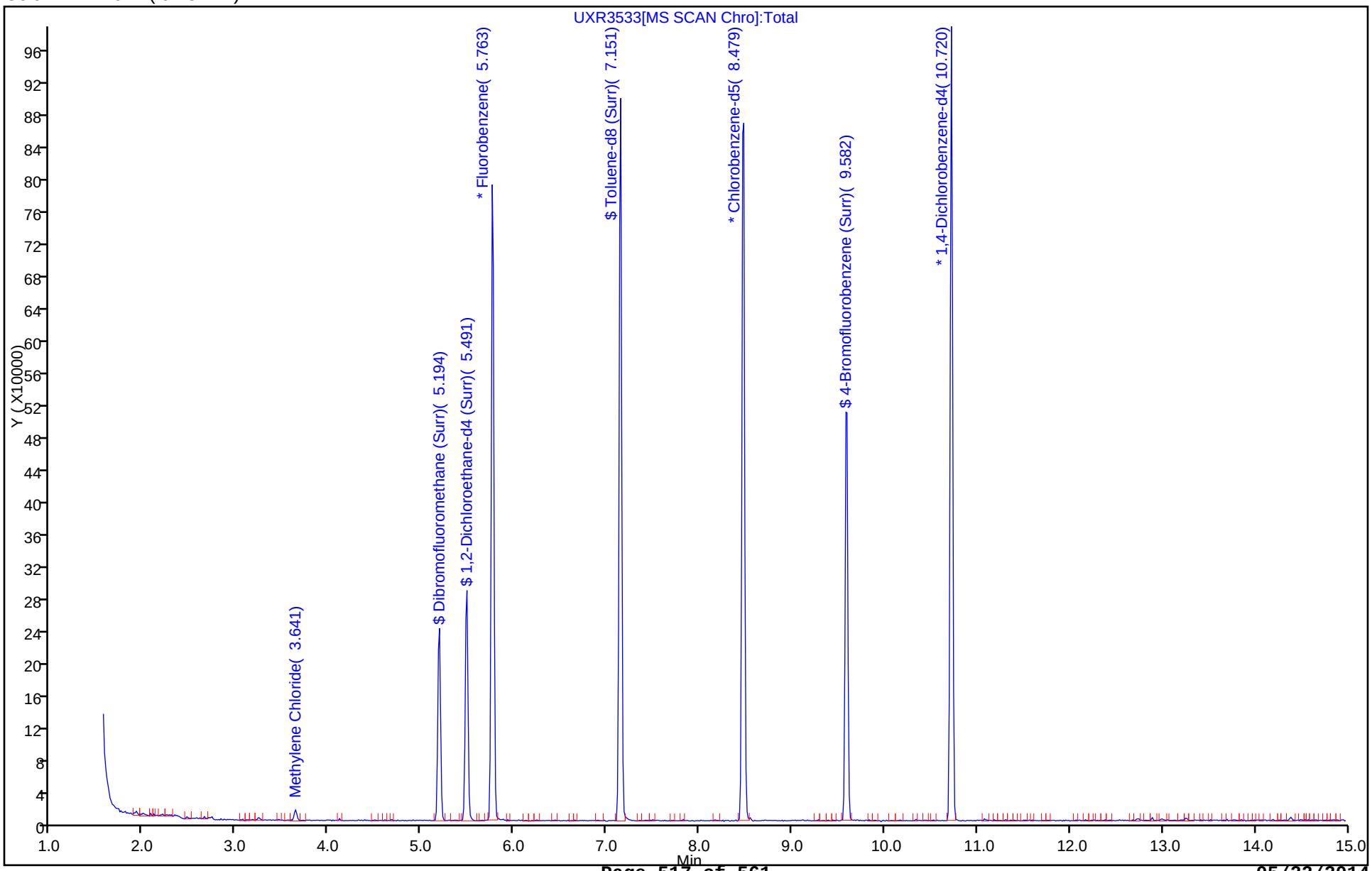
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-131527/6

Matrix: Water | Lab File ID: UXR3562.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 11:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropane	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton
Job No.: 240-37120-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 240-131527/6
Matrix: Water
Lab File ID: UXR3562.D
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 05/21/2014 11:55
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 131527
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.430	J	1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		66-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-129
2037-26-5	Toluene-d8 (Surr)	91		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3562.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-May-2014 11:55:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031233-006
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 22-May-2014 09:46:43 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

First Level Reviewer: williamsla Date: 21-May-2014 14:09:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	98	766014	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	84	617487	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	95	326608	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	57	152011	8.91	8.74	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	220158	8.91	9.97	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	682241	8.91	8.07	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	90	226134	8.91	7.45	
9 Dichlorodifluoromethane	85		1.648					ND	
10 Chloromethane	50		1.826					ND	
11 Vinyl chloride	62		1.957					ND	
119 Butadiene	54		2.004					ND	
12 Bromomethane	94		2.313					ND	
13 Chloroethane	64		2.431					ND	
14 Dichlorofluoromethane	67		2.633					ND	
15 Trichlorofluoromethane	101		2.668					ND	
16 Ethyl ether	59		2.953					ND	
18 Acrolein	56		3.095					ND	
19 1,1-Dichloroethene	96		3.178					ND	
20 1,1,2-Trichloro-1,2,2-trif	151		3.202					ND	
17 Methylal	45		3.237					ND	
21 Acetone	43		3.238					ND	
22 Iodomethane	142		3.332					ND	
23 Carbon disulfide	76		3.392					ND	
24 Acetonitrile	41		3.510					ND	
25 3-Chloro-1-propene	76		3.522					ND	
26 Methyl acetate	43		3.546					ND	
27 Methylene Chloride	84	3.641	3.641	0.000	74	10254		0.4297	
28 2-Methyl-2-propanol	59		3.736					ND	
29 Acrylonitrile	53		3.878					ND	
30 Methyl tert-butyl ether	73		3.878					ND	
31 trans-1,2-Dichloroethene	96		3.890					ND	
32 Hexane	86		4.115					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 1,1-Dichloroethane	63		4.269					ND	
35 Isopropyl ether	87		4.305					ND	
34 Vinyl acetate	43		4.305					ND	
36 2-Chloro-1,3-butadiene	53		4.352					ND	
37 Tert-butyl ethyl ether	59		4.625					ND	
38 2,2-Dichloropropane	77		4.779					ND	
39 cis-1,2-Dichloroethene	96		4.779					ND	
40 2-Butanone (MEK)	43		4.791					ND	
41 Ethyl acetate	43		4.826					ND	
42 Propionitrile	54		4.850					ND	
43 Methacrylonitrile	41		4.981					ND	
44 Chlorobromomethane	128		4.993					ND	
45 Tetrahydrofuran	42		5.028					ND	
46 Chloroform	83		5.052					ND	
47 1,1,1-Trichloroethane	97		5.206					ND	
48 Cyclohexane	56		5.253					ND	
49 1,1-Dichloropropene	75		5.348					ND	
50 Carbon tetrachloride	117		5.348					ND	
51 Isobutyl alcohol	41		5.419					ND	
52 Benzene	78		5.538					ND	
53 1,2-Dichloroethane	62		5.550					ND	
54 Tert-amyl methyl ether	73		5.609					ND	
55 n-Heptane	100		5.728					ND	
56 n-Butanol	56		5.989					ND	
57 Trichloroethene	130		6.084					ND	
58 Ethyl acrylate	55		6.155					ND	
59 Methylcyclohexane	83		6.250					ND	
60 1,2-Dichloropropane	63		6.285					ND	
61 Methyl methacrylate	41		6.356					ND	
63 1,4-Dioxane	88		6.392					ND	
62 Dibromomethane	93		6.392					ND	
64 Dichlorobromomethane	83		6.522					ND	
65 2-Nitropropane	41		6.724					ND	
66 2-Chloroethyl vinyl ether	63		6.759					ND	
67 cis-1,3-Dichloropropene	75		6.902					ND	
68 4-Methyl-2-pentanone (MIBK	43		7.032					ND	
69 Toluene	91		7.210					ND	
70 trans-1,3-Dichloropropene	75		7.400					ND	
71 Ethyl methacrylate	69		7.459					ND	
72 1,1,2-Trichloroethane	97		7.566					ND	
73 Tetrachloroethene	164		7.696					ND	
75 1,3-Dichloropropane	76		7.732					ND	
76 2-Hexanone	43		7.779					ND	
77 n-Butyl acetate	56		7.874					ND	
74 Tetrahydrothiophene	60		7.933					ND	
78 Chlorodibromomethane	129		7.945					ND	
79 Ethylene Dibromide	107		8.052					ND	
80 1-Chlorohexane	91		8.443					ND	
81 Chlorobenzene	112		8.503					ND	
82 1,1,1,2-Tetrachloroethane	131		8.574					ND	
83 Ethylbenzene	106		8.586					ND	
84 m-Xylene & p-Xylene	106		8.692					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 o-Xylene	106		9.084					ND	
86 Styrene	104		9.096					ND	
87 Bromoform	173		9.285					ND	
89 Isopropylbenzene	105		9.428					ND	
88 1,4-Dichlorobutane	55		9.534					ND	
90 Cyclohexanone	55		9.546					ND	
91 1,1,2,2-Tetrachloroethane	83		9.724					ND	
92 Bromobenzene	156		9.748					ND	
93 trans-1,4-Dichloro-2-buten	53		9.772					ND	
94 1,2,3-Trichloropropane	110		9.772					ND	
95 N-Propylbenzene	120		9.831					ND	
126 3-Ethyltoluene	105		9.850					ND	
96 2-Chlorotoluene	126		9.926					ND	
97 1,3,5-Trimethylbenzene	105		9.997					ND	
98 4-Chlorotoluene	126		10.032					ND	
120 2-Ethyltoluene	105		10.140					ND	
99 tert-Butylbenzene	119		10.317					ND	
100 Pentachloroethane	167		10.353					ND	
101 1,2,4-Trimethylbenzene	105		10.364					ND	
102 sec-Butylbenzene	105		10.530					ND	
103 1,3-Dichlorobenzene	146		10.661					ND	
104 4-Isopropyltoluene	119		10.673					ND	
105 1,4-Dichlorobenzene	146		10.744					ND	
106 1,2,3-Trimethylbenzene	105		10.791					ND	
107 Benzyl chloride	126		10.886					ND	
108 n-Butylbenzene	91		11.076					ND	
109 1,2-Dichlorobenzene	146		11.123					ND	
110 1,3-Diethylbenzene TIC	1		11.200					ND	
111 1,2-Dibromo-3-Chloropropan	157		11.906					ND	
112 1,3,5-Trichlorobenzene	180		12.108					ND	
113 1,2,4-Trichlorobenzene	180		12.724					ND	
114 Hexachlorobutadiene	225		12.890					ND	
115 Naphthalene	128		12.997					ND	
116 1,2,3-Trichlorobenzene	180		13.258					ND	
117 2-Methylnaphthalene	142	14.385	14.384	0.001	33	4725		1.79	
118 C6-C12	1		0.000					ND	
124 Propene oxide	1		0.000					ND	
125 Ethylene oxide	1		0.000					ND	
122 Epichlorohydrin	1		0.000					ND	
123 C6-C10	1		0.000					ND	
121 Pentachloroethane TIC	1		0.000					ND	
127 Chlorodifluoromethane TIC	1		1.900					ND	
S 128 1,2-Dichloroethene, Total	96		1.140					0	
S 129 1,3-Dichloropropene, Total	75		6.760					0	
S 130 Xylenes, Total	106		16.530					0	
S 131 Trihalomethanes, Total	1		0.000					0	
T 132 Isobutylene TIC	1		1.900					0	
T 133 1,3-Butadiene TIC	1		2.100					0	
T 134 Butyl Methacrylate TIC	1		9.900					0	
T 135 Hexachloroethane TIC	1		11.200					0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Report Date: 22-May-2014 09:46:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3562.D

Injection Date: 21-May-2014 11:55:30 Instrument ID: A3UX17 Operator ID: 1644

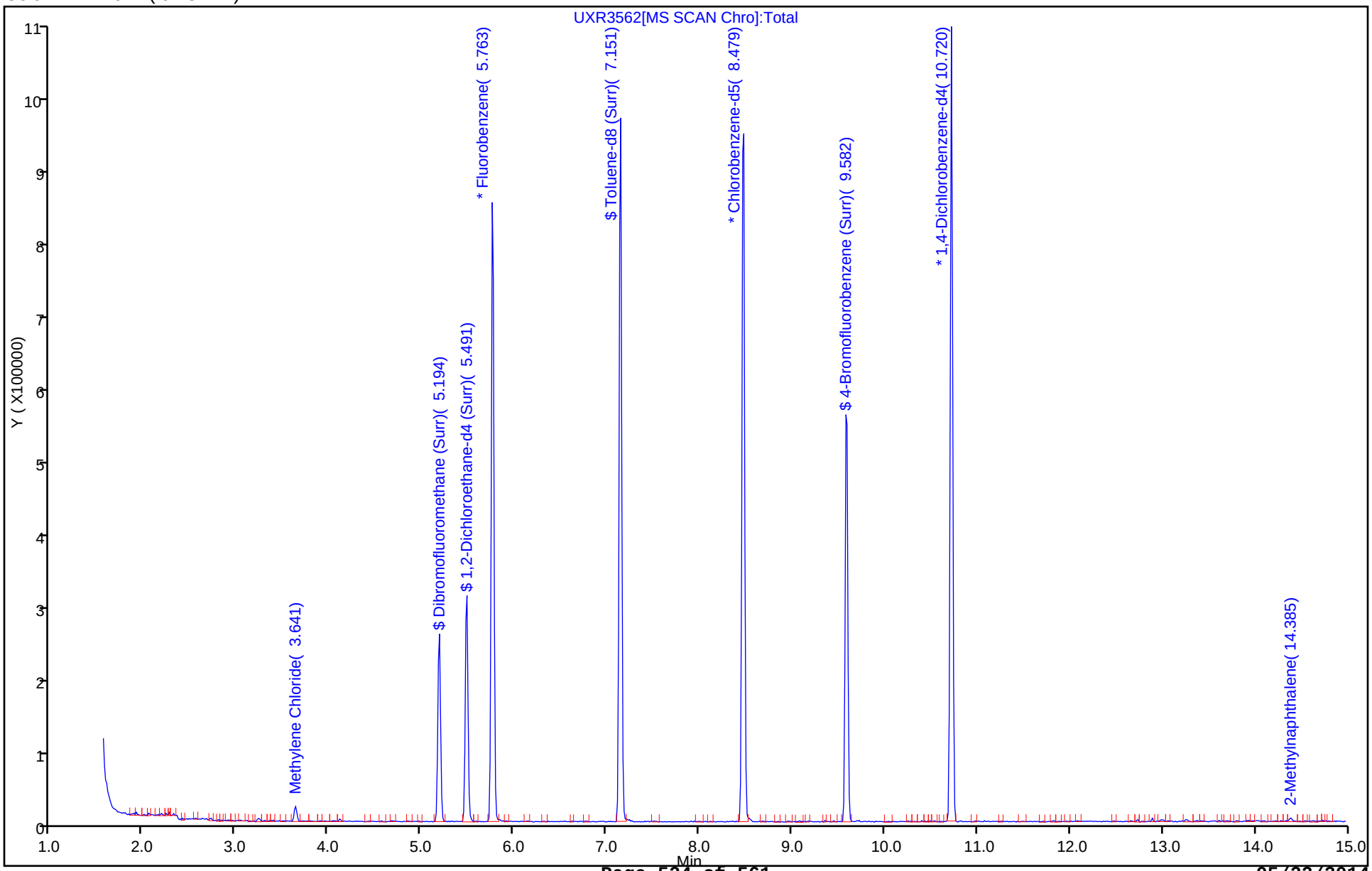
Lims ID: MB Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



Report Date: 22-May-2014 09:46:45 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3562.D

Injection Date: 21-May-2014 11:55:30 Instrument ID: A3UX17

Lims ID: MB

Client ID:

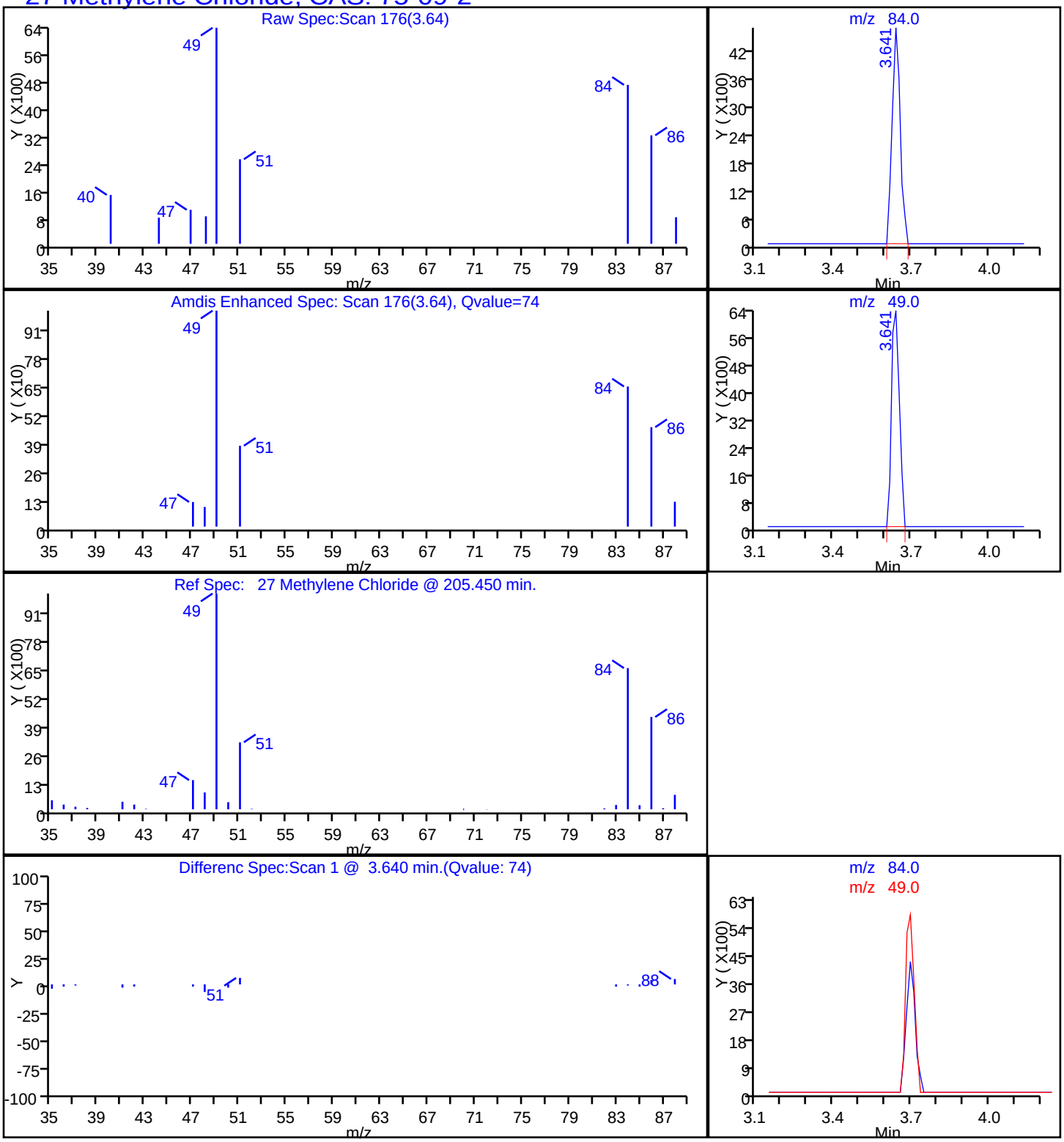
Operator ID: 1644 ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm) Detector MS SCAN

27 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-131072/4

Matrix: Water | Lab File ID: UXJ8454.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2014 11:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131072 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	15.8		10	1.1
107-02-8	Acrolein	46.6		20	2.2
107-13-1	Acrylonitrile	93.6		20	2.0
71-43-2	Benzene	9.86		1.0	0.13
75-27-4	Bromodichloromethane	9.64		1.0	0.15
75-25-2	Bromoform	8.61		1.0	0.64
74-83-9	Bromomethane	9.82		1.0	0.41
78-93-3	2-Butanone	15.9		10	0.57
75-15-0	Carbon disulfide	10.5		1.0	0.13
56-23-5	Carbon tetrachloride	10.3		1.0	0.13
108-90-7	Chlorobenzene	9.27		1.0	0.15
75-00-3	Chloroethane	9.25		1.0	0.29
67-66-3	Chloroform	9.75		1.0	0.16
74-87-3	Chloromethane	8.99		1.0	0.30
107-05-1	3-Chloro-1-propene	10.0		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	9.59		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	9.19		1.0	0.14
124-48-1	Dibromochloromethane	9.80		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	8.37		2.0	0.67
74-95-3	Dibromomethane	9.20		1.0	0.28
75-71-8	Dichlorodifluoromethane	9.09		1.0	0.31
75-34-3	1,1-Dichloroethane	10.2		1.0	0.15
107-06-2	1,2-Dichloroethane	9.01		1.0	0.22
75-35-4	1,1-Dichloroethene	10.5		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	19.7		2.0	0.17
78-87-5	1,2-Dichloropropane	9.82		1.0	0.18
123-91-1	1,4-Dioxane	115		50	19
100-41-4	Ethylbenzene	9.43		1.0	0.17
106-93-4	Ethylene Dibromide	9.44		1.0	0.24
97-63-2	Ethyl methacrylate	9.19		1.0	0.14
591-78-6	2-Hexanone	16.8		10	0.41
74-88-4	Iodomethane	10.7		1.0	0.18
78-83-1	Isobutanol	237		50	8.2
75-09-2	Methylene Chloride	9.98		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	15.7		10	0.32
100-42-5	Styrene	8.78		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton
Job No.: 240-37120-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 240-131072/4
Matrix: Water
Lab File ID: UXJ8454.D
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 05/17/2014 11:25
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 131072
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	9.90		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	7.82		1.0	0.18
127-18-4	Tetrachloroethene	10.9		1.0	0.29
108-88-3	Toluene	10.7		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	6.92		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	10.1		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	10.7		1.0	0.19
71-55-6	1,1,1-Trichloroethane	9.74		1.0	0.22
79-00-5	1,1,2-Trichloroethane	9.84		1.0	0.27
79-01-6	Trichloroethene	9.78		1.0	0.17
75-69-4	Trichlorofluoromethane	9.72		1.0	0.21
96-18-4	1,2,3-Trichloropropane	7.43		1.0	0.43
108-05-4	Vinyl acetate	9.97		2.0	0.19
75-01-4	Vinyl chloride	9.55		1.0	0.22
1330-20-7	Xylenes, Total	18.7		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		66-120
1868-53-7	Dibromofluoromethane (Surr)	83		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		63-129
2037-26-5	Toluene-d8 (Surr)	95		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8454.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-May-2014 11:25:30 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031107-004
Misc. Info.: J40517A,8260LLUX11,,43582
Operator ID: 43582 Instrument ID: A3UX11

Method: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\8260_11.m
Limit Group: MSV 8260B ICAL
Last Update: 19-May-2014 09:02:45 Calib Date: 09-May-2014 18:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK025

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	97	1389104	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	83	661721	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	87	293000	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	98	275323	8.34	6.93	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.099	5.099	0.000	92	366943	8.34	6.66	
$ 6 Toluene-d8 (Surr)	98	6.744	6.756	-0.012	84	1028654	8.34	7.90	
$ 7 4-Bromofluorobenzene (Surr	95	9.182	9.182	0.000	85	238293	8.34	7.89	
9 Dichlorodifluoromethane	85	1.668	1.668	0.000	97	250786	10.0	9.09	
11 Chloromethane	50	1.822	1.822	0.000	89	245917	10.0	8.99	
12 Vinyl chloride	62	1.928	1.928	0.000	97	279731	10.0	9.55	
124 Butadiene	54	1.964	1.964	0.000	0	262564	10.0	10.3	
14 Bromomethane	94	2.236	2.236	0.000	87	124349	10.0	9.82	
15 Chloroethane	64	2.319	2.331	-0.012	97	145928	10.0	9.25	
16 Dichlorofluoromethane	67	2.484	2.484	0.000	97	283162	10.0	8.96	
17 Trichlorofluoromethane	101	2.543	2.544	-0.001	97	264490	10.0	9.72	
18 Ethyl ether	59	2.756	2.757	-0.001	89	345008	10.0	9.90	
19 Acrolein	56	2.863	2.875	-0.012	90	139204	50.0	46.6	
20 1,1-Dichloroethene	96	2.993	2.993	0.000	100	301596	10.0	10.5	
22 Acetone	43	2.993	2.993	0.000	54	180224	20.0	15.8	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	74	180893	10.0	11.5	
24 Iodomethane	142	3.135	3.135	0.000	97	370945	10.0	10.7	
25 Carbon disulfide	76	3.194	3.194	0.000	98	702547	10.0	10.5	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	81	277726	10.0	10.0	
29 Methyl acetate	43	3.265	3.265	0.000	97	1124998	50.0	42.0	
28 Methylene Chloride	84	3.372	3.372	0.000	85	350987	10.0	9.98	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	96	183497	100.0	81.6	
31 Acrylonitrile	53	3.561	3.561	0.000	99	1198004	100.0	93.6	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	89	1117165	10.0	9.39	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	88	456772	10.0	10.1	
34 Hexane	86	3.833	3.833	0.000	92	123961	10.0	13.1	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	832115	10.0	10.2	
36 Vinyl acetate	43	3.975	3.963	0.012	97	523441	8.00	9.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
45 2-Butanone (MEK)	43	4.425	4.425	0.000	51	243032	20.0	15.9	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	465813	10.0	9.59	
41 2,2-Dichloropropane	77	4.437	4.437	0.000	72	336760	10.0	9.05	
44 Chlorobromomethane	128	4.626	4.626	0.000	97	213170	10.0	9.30	
46 Tetrahydrofuran	42	4.673	4.673	0.000	88	149572	20.0	15.4	
47 Chloroform	83	4.673	4.673	0.000	94	773813	10.0	9.75	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	484194	10.0	9.74	
50 Cyclohexane	56	4.910	4.910	0.000	88	573977	10.0	11.4	
51 1,1-Dichloropropene	75	4.993	4.981	0.012	96	628513	10.0	10.6	
52 Carbon tetrachloride	117	4.993	4.993	0.000	86	414494	10.0	10.3	
53 Isobutyl alcohol	41	5.028	5.028	0.000	83	154725	250.0	236.6	
54 Benzene	78	5.159	5.159	0.000	95	1834380	10.0	9.86	
55 1,2-Dichloroethane	62	5.170	5.159	0.011	54	594168	10.0	9.01	
57 n-Heptane	100	5.372	5.372	0.000	88	114328	10.0	13.0	
59 Trichloroethene	130	5.703	5.703	0.000	98	443617	10.0	9.78	
61 Methylcyclohexane	83	5.880	5.880	0.000	88	600703	10.0	11.7	
62 1,2-Dichloropropane	63	5.892	5.892	0.000	93	435932	10.0	9.82	
63 Dibromomethane	93	5.987	5.987	0.000	93	218013	10.0	9.20	
64 1,4-Dioxane	88	5.999	5.999	0.000	28	36030	200.0	115.1	
66 Dichlorobromomethane	83	6.117	6.117	0.000	99	505908	10.0	9.64	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	93	201985	12.0	9.07	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	552397	10.0	9.19	
70 4-Methyl-2-pentanone (MIBK	43	6.626	6.626	0.000	96	407648	20.0	15.7	
71 Toluene	91	6.815	6.815	0.000	92	1623305	10.0	10.7	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	458192	10.0	10.7	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	325700	10.0	9.19	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	93	288128	10.0	9.84	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	92	487304	10.0	9.55	
75 Tetrachloroethene	164	7.312	7.312	0.000	83	271566	10.0	10.9	
77 2-Hexanone	43	7.371	7.371	0.000	97	234769	20.0	16.8	
78 Chlorodibromomethane	129	7.525	7.525	0.000	89	254812	10.0	9.80	
81 Ethylene Dibromide	107	7.643	7.644	-0.001	98	242703	10.0	9.44	
82 Chlorobenzene	112	8.093	8.093	0.000	93	777158	10.0	9.27	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	91	264280	10.0	9.90	
85 Ethylbenzene	106	8.188	8.188	0.000	98	408857	10.0	9.43	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	96	488331	10.0	9.34	
88 o-Xylene	106	8.685	8.685	0.000	88	435376	10.0	9.35	
87 Styrene	104	8.685	8.685	0.000	88	697278	10.0	8.78	
89 Bromoform	173	8.874	8.874	0.000	94	94543	10.0	8.61	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	974692	10.0	9.09	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	94	209268	10.0	7.82	
94 Bromobenzene	156	9.336	9.336	0.000	94	240183	10.0	7.69	
95 1,2,3-Trichloropropane	110	9.359	9.347	0.012	74	69278	10.0	7.43	
97 trans-1,4-Dichloro-2-buten	53	9.359	9.359	0.000	63	52833	10.0	6.92	
96 N-Propylbenzene	120	9.430	9.430	0.000	97	234319	10.0	7.70	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	221834	10.0	8.41	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	85	714381	10.0	8.32	
100 4-Chlorotoluene	126	9.620	9.620	0.000	98	239264	10.0	8.43	
101 tert-Butylbenzene	119	9.927	9.927	0.000	78	553594	10.0	7.81	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	96	735746	10.0	8.39	
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	802082	10.0	8.29	
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	87	457453	10.0	8.95	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	698062	10.0	8.70	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	91	493343	10.0	9.13	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	586276	10.0	8.83	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	461494	10.0	9.07	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.489	-0.012	65	33819	10.0	8.37	
115 1,2,4-Trichlorobenzene	180	12.317	12.318	-0.001	93	205074	10.0	7.32	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	95	93732	10.0	8.05	
117 Naphthalene	128	12.578	12.578	0.000	97	463033	10.0	6.59	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	95	198180	10.0	7.59	
S 132 Xylenes, Total	106				0		20.0	18.7	
S 133 Trihalomethanes, Total	1				0		40.0	37.8	

Report Date: 19-May-2014 09:02:46 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140517-31107.b\UXJ8454.D

Injection Date: 17-May-2014 11:25:30 Instrument ID: A3UX11 Operator ID: 43582

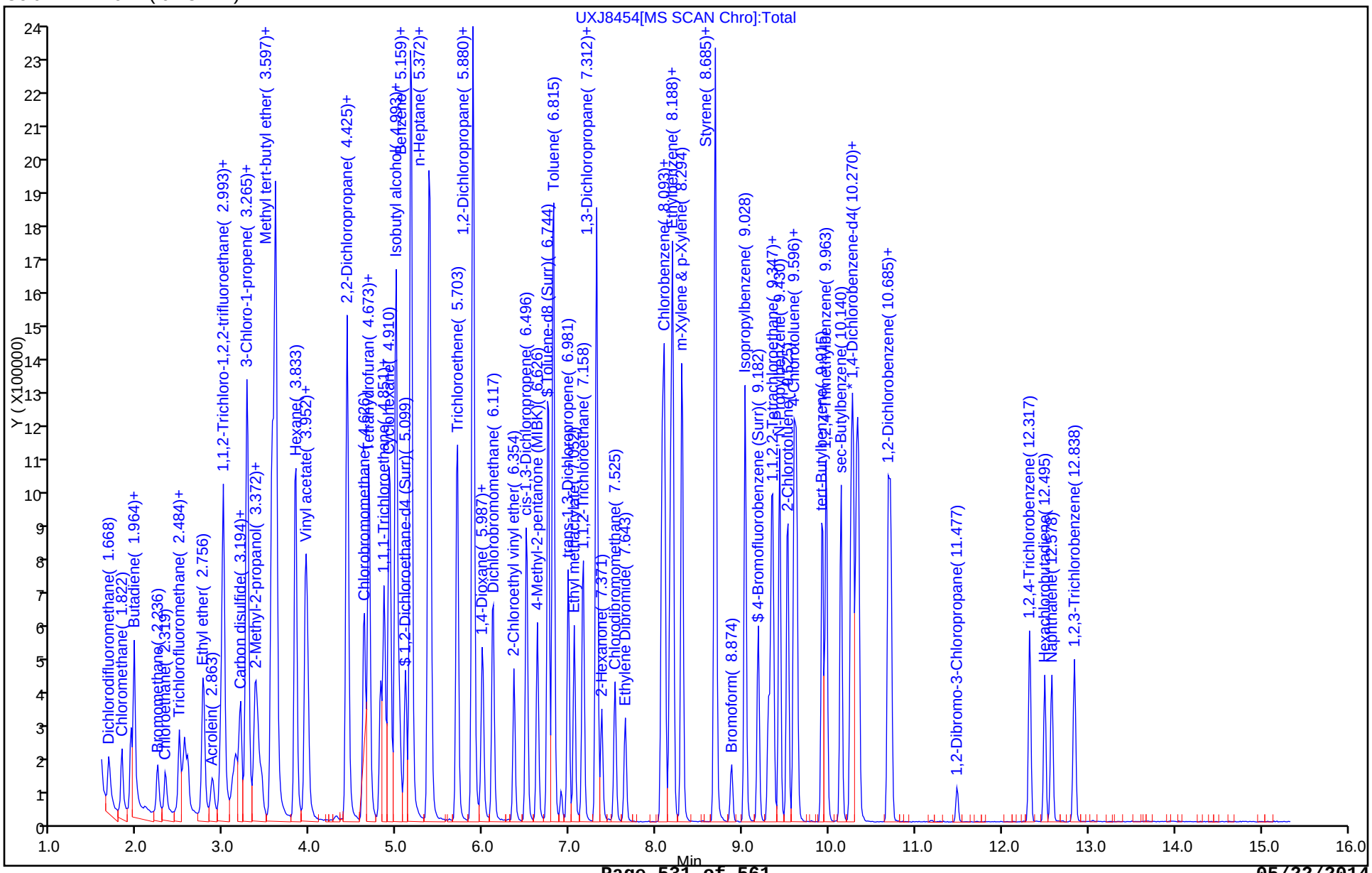
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_11 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-131184/4

Matrix: Water | Lab File ID: UXR0655.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/19/2014 12:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131184 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	21.8		10	1.1
107-02-8	Acrolein	26.6		20	2.2
107-13-1	Acrylonitrile	87.1		20	2.0
71-43-2	Benzene	10.5		1.0	0.13
75-27-4	Bromodichloromethane	10.9		1.0	0.15
75-25-2	Bromoform	8.74		1.0	0.64
74-83-9	Bromomethane	10.3		1.0	0.41
78-93-3	2-Butanone	17.4		10	0.57
75-15-0	Carbon disulfide	10.3		1.0	0.13
56-23-5	Carbon tetrachloride	12.3		1.0	0.13
108-90-7	Chlorobenzene	10.3		1.0	0.15
75-00-3	Chloroethane	7.78		1.0	0.29
67-66-3	Chloroform	12.0		1.0	0.16
74-87-3	Chloromethane	8.48		1.0	0.30
107-05-1	3-Chloro-1-propene	9.43		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	10.7		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	10.0		1.0	0.14
124-48-1	Dibromochloromethane	10.2		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	10.8		2.0	0.67
74-95-3	Dibromomethane	11.0		1.0	0.28
75-71-8	Dichlorodifluoromethane	13.3		1.0	0.31
75-34-3	1,1-Dichloroethane	10.9		1.0	0.15
107-06-2	1,2-Dichloroethane	11.7		1.0	0.22
75-35-4	1,1-Dichloroethene	10.6		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	21.5		2.0	0.17
78-87-5	1,2-Dichloropropane	9.91		1.0	0.18
123-91-1	1,4-Dioxane	182		50	19
100-41-4	Ethylbenzene	9.74		1.0	0.17
106-93-4	Ethylene Dibromide	10.1		1.0	0.24
97-63-2	Ethyl methacrylate	9.37		1.0	0.14
591-78-6	2-Hexanone	17.8		10	0.41
74-88-4	Iodomethane	9.74		1.0	0.18
78-83-1	Isobutanol	207		50	8.2
75-09-2	Methylene Chloride	11.2		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	17.5		10	0.32
100-42-5	Styrene	9.57		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton
Job No.: 240-37120-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 240-131184/4
Matrix: Water
Lab File ID: UXR0655.D
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 05/19/2014 12:51
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 131184
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	10.9		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	10.1		1.0	0.18
127-18-4	Tetrachloroethene	9.99		1.0	0.29
108-88-3	Toluene	10.5		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	2.90		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	10.8		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	10.5		1.0	0.19
71-55-6	1,1,1-Trichloroethane	12.1		1.0	0.22
79-00-5	1,1,2-Trichloroethane	10.4		1.0	0.27
79-01-6	Trichloroethene	11.0		1.0	0.17
75-69-4	Trichlorofluoromethane	10.0		1.0	0.21
96-18-4	1,2,3-Trichloropropane	11.2		1.0	0.43
108-05-4	Vinyl acetate	8.31		2.0	0.19
75-01-4	Vinyl chloride	7.83		1.0	0.22
1330-20-7	Xylenes, Total	20.4		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		66-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-129
2037-26-5	Toluene-d8 (Surr)	93		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0655.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 19-May-2014 12:51:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031144-004
Operator ID: 1644 Instrument ID: A3UX10

Method: \\NCChrom\ChromData\A3UX10\20140519-31144.b\8260_10.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 10:42:16 Calib Date: 21-Mar-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20140320-29202.b\UXX9007.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.545	5.545	0.000	99	1141077	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.230	8.230	0.000	85	803113	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.465	10.465	0.000	78	477992	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	4.977	4.973	0.004	61	285310	12.3	12.1	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.261	5.257	0.004	0	354457	12.3	12.7	
$ 6 Toluene-d8 (Surr)	98	6.917	6.913	0.004	82	1089387	12.3	11.4	
$ 7 4-Bromofluorobenzene (Surr	95	9.342	9.338	0.004	86	442190	12.3	12.2	
9 Dichlorodifluoromethane	85	1.582	1.590	-0.008	87	366410	10.0	13.3	
10 Chloromethane	50	1.736	1.732	0.004	89	281355	10.0	8.48	
11 Vinyl chloride	62	1.854	1.851	0.003	83	254624	10.0	7.83	
12 Butadiene	54	1.878	1.886	-0.008	91	246160	10.0	8.08	
13 Bromomethane	94	2.173	2.182	-0.009	93	137729	10.0	10.3	
14 Chloroethane	64	2.280	2.277	0.004	94	140064	10.0	7.78	
15 Dichlorofluoromethane	67	2.481	2.478	0.003	79	375203	10.0	10.1	
16 Trichlorofluoromethane	101	2.528	2.525	0.003	97	320583	10.0	10.0	
17 Ethyl ether	59	2.789	2.785	0.003	86	153163	10.0	7.88	
18 Acrolein	56	2.919	2.915	0.004	87	78461	50.0	26.6	
19 1,1-Dichloroethene	96	3.001	3.010	-0.009	90	262687	10.0	10.6	
20 1,1,2-Trichloro-1,2,2-trif	151	3.013	3.022	-0.009	80	236577	10.0	11.3	
21 Acetone	43	3.061	3.057	0.004	94	145824	20.0	21.8	
22 Iodomethane	142	3.155	3.152	0.003	98	398233	10.0	9.74	
24 Carbon disulfide	76	3.214	3.211	0.003	99	830957	10.0	10.3	
26 3-Chloro-1-propene	76	3.333	3.341	-0.008	80	162555	10.0	9.43	
27 Methyl acetate	43	3.356	3.353	0.003	95	630444	50.0	40.2	
28 Methylene Chloride	84	3.451	3.448	0.003	74	309427	10.0	11.2	
29 2-Methyl-2-propanol	59	3.557	3.554	0.003	95	180842	100.0	90.7	
31 Acrylonitrile	53	3.687	3.684	0.003	98	679137	100.0	87.1	
32 Methyl tert-butyl ether	73	3.687	3.684	0.003	88	769351	10.0	9.92	
30 trans-1,2-Dichloroethene	96	3.687	3.684	0.003	91	305849	10.0	10.8	
33 Hexane	86	3.912	3.909	0.003	91	70794	10.0	10.5	
34 1,1-Dichloroethane	63	4.066	4.063	0.003	85	509604	10.0	10.9	
35 Vinyl acetate	43	4.101	4.098	0.003	97	244863	8.00	8.31	
39 2,2-Dichloropropane	77	4.563	4.559	0.004	70	371344	10.0	9.83	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.563	4.559	0.004	83	319980	10.0	10.7	
41 2-Butanone (MEK)	43	4.575	4.583	-0.008	92	145156	20.0	17.4	
45 Chlorobromomethane	128	4.776	4.772	0.004	74	149907	10.0	10.9	
46 Tetrahydrofuran	42	4.811	4.808	0.003	78	84271	20.0	13.5	
47 Chloroform	83	4.835	4.831	0.004	76	546892	10.0	12.0	
48 1,1,1-Trichloroethane	97	4.989	4.985	0.004	87	497241	10.0	12.1	
49 Cyclohexane	56	5.036	5.033	0.003	81	431496	10.0	9.73	
50 1,1-Dichloropropene	75	5.131	5.127	0.004	92	392467	10.0	11.5	
51 Carbon tetrachloride	117	5.131	5.127	0.004	79	435865	10.0	12.3	
52 Isobutyl alcohol	41	5.225	5.222	0.003	85	133496	250.0	207.4	
53 Benzene	78	5.308	5.305	0.003	93	1132288	10.0	10.5	
54 1,2-Dichloroethane	62	5.332	5.328	0.004	93	395635	10.0	11.7	
56 n-Heptane	100	5.509	5.506	0.003	79	61566	10.0	10.4	
58 Trichloroethene	130	5.852	5.849	0.003	92	310104	10.0	11.0	
60 Methylcyclohexane	83	6.018	6.014	0.004	83	476365	10.0	10.9	
61 1,2-Dichloropropane	63	6.053	6.050	0.003	88	235370	10.0	9.91	
63 Dibromomethane	93	6.160	6.156	0.004	91	151828	10.0	11.0	
64 1,4-Dioxane	88	6.171	6.168	0.003	78	39659	200.0	181.9	
65 Dichlorobromomethane	83	6.290	6.286	0.004	88	355685	10.0	10.9	
67 2-Chloroethyl vinyl ether	63	6.538	6.535	0.003	92	85763	12.0	9.72	
68 cis-1,3-Dichloropropene	75	6.680	6.677	0.003	89	372847	10.0	10.0	
69 4-Methyl-2-pentanone (MIBK	43	6.810	6.807	0.003	81	303731	20.0	17.5	
70 Toluene	91	6.976	6.972	0.004	91	1191442	10.0	10.5	
71 trans-1,3-Dichloropropene	75	7.165	7.162	0.003	88	336806	10.0	10.5	
72 Ethyl methacrylate	69	7.224	7.233	-0.009	85	237309	10.0	9.37	
73 1,1,2-Trichloroethane	97	7.343	7.339	0.003	86	208349	10.0	10.4	
74 Tetrachloroethene	164	7.461	7.457	0.004	91	231229	10.0	10.0	
75 1,3-Dichloropropane	76	7.496	7.493	0.003	83	366115	10.0	10.3	
76 2-Hexanone	43	7.555	7.552	0.003	93	209602	20.0	17.8	
78 Chlorodibromomethane	129	7.697	7.706	-0.009	86	233772	10.0	10.2	
80 Ethylene Dibromide	107	7.816	7.812	0.004	98	199142	10.0	10.1	
82 Chlorobenzene	112	8.253	8.262	-0.009	92	747759	10.0	10.3	
83 1,1,1,2-Tetrachloroethane	131	8.336	8.333	0.003	79	289133	10.0	10.9	
84 Ethylbenzene	106	8.348	8.345	0.003	99	387793	10.0	9.74	
85 m-Xylene & p-Xylene	106	8.454	8.451	0.003	99	505784	10.0	10.2	
86 o-Xylene	106	8.833	8.841	-0.008	96	505170	10.0	10.2	
87 Styrene	104	8.845	8.853	-0.008	90	747950	10.0	9.57	
88 Bromoform	173	9.046	9.042	0.004	94	127790	10.0	8.74	
89 Isopropylbenzene	105	9.188	9.184	0.004	95	1417129	10.0	10.9	
92 1,1,2,2-Tetrachloroethane	83	9.483	9.480	0.003	88	261593	10.0	10.1	
93 Bromobenzene	156	9.495	9.492	0.003	85	314750	10.0	9.83	
94 1,2,3-Trichloropropane	110	9.531	9.527	0.004	79	96606	10.0	11.2	
95 trans-1,4-Dichloro-2-buten	53	9.531	9.539	-0.008	55	21875	10.0	2.90	
96 N-Propylbenzene	120	9.578	9.575	0.003	96	375817	10.0	10.6	
97 2-Chlorotoluene	126	9.673	9.669	0.004	95	323693	10.0	10.6	
98 1,3,5-Trimethylbenzene	105	9.744	9.752	-0.008	74	1244626	10.0	11.8	
99 4-Chlorotoluene	126	9.779	9.776	0.003	98	327296	10.0	10.3	
100 tert-Butylbenzene	119	10.075	10.072	0.003	75	1032434	10.0	11.2	
102 1,2,4-Trimethylbenzene	105	10.110	10.119	-0.009	88	1287570	10.0	11.6	
103 sec-Butylbenzene	105	10.288	10.284	0.004	95	1430311	10.0	11.4	
104 1,3-Dichlorobenzene	146	10.406	10.403	0.003	86	634567	10.0	10.1	
105 4-Isopropyltoluene	119	10.418	10.426	-0.008	94	1299013	10.0	11.7	

Report Date: 20-May-2014 10:42:17 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0655.D

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 1,4-Dichlorobenzene	146	10.489	10.497	-0.008	90	659207	10.0	10.1	
109 n-Butylbenzene	91	10.832	10.829	0.003	95	1022431	10.0	11.1	
110 1,2-Dichlorobenzene	146	10.867	10.864	0.003	92	632405	10.0	10.5	
111 1,2-Dibromo-3-Chloropropan	157	11.648	11.645	0.003	71	57063	10.0	10.8	
113 1,2,4-Trichlorobenzene	180	12.464	12.461	0.003	93	430467	10.0	11.0	
114 Hexachlorobutadiene	225	12.618	12.626	-0.008	89	181131	10.0	12.1	
115 Naphthalene	128	12.713	12.721	-0.008	100	892823	10.0	9.88	
116 1,2,3-Trichlorobenzene	180	12.961	12.970	-0.009	95	384656	10.0	11.2	
S 130 Xylenes, Total	106				0		20.0	20.5	
S 131 Trihalomethanes, Total	1				0		40.0	41.9	

Report Date: 20-May-2014 10:42:17 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20140519-31144.b\UXR0655.D

Injection Date: 19-May-2014 12:51:30 Instrument ID: A3UX10 Operator ID: 1644

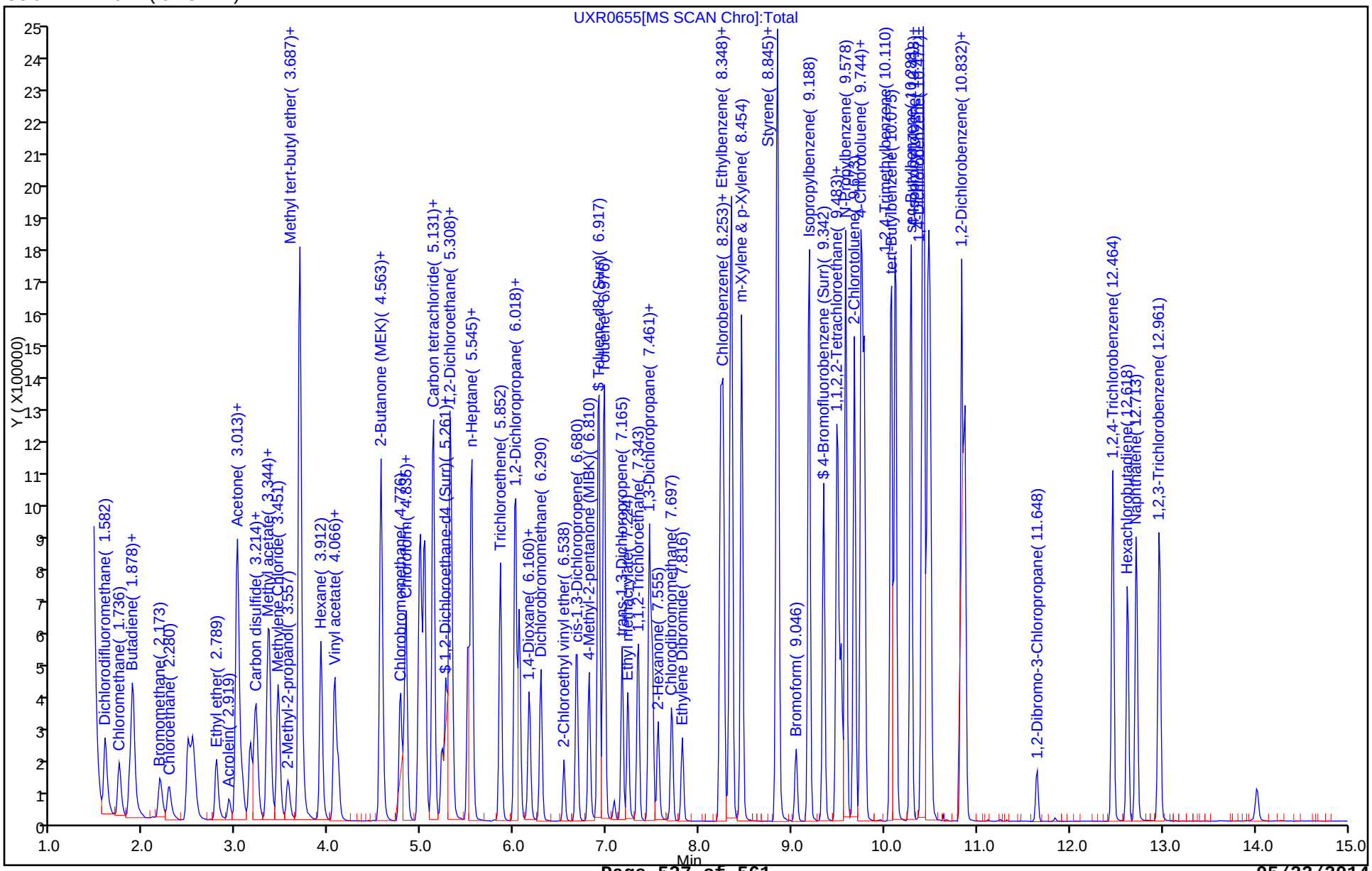
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_10 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton
Job No.: 240-37120-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 240-131334/4
Matrix: Water
Lab File ID: UXR3531.D
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 05/20/2014 11:18
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 131334
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	25.3		10	1.1
107-02-8	Acrolein	36.4		20	2.2
107-13-1	Acrylonitrile	116		20	2.0
71-43-2	Benzene	10.3		1.0	0.13
75-27-4	Bromodichloromethane	11.2		1.0	0.15
75-25-2	Bromoform	11.3		1.0	0.64
74-83-9	Bromomethane	7.71		1.0	0.41
78-93-3	2-Butanone	23.8		10	0.57
75-15-0	Carbon disulfide	11.1		1.0	0.13
56-23-5	Carbon tetrachloride	11.6		1.0	0.13
108-90-7	Chlorobenzene	10.2		1.0	0.15
75-00-3	Chloroethane	6.41		1.0	0.29
67-66-3	Chloroform	10.8		1.0	0.16
74-87-3	Chloromethane	9.38		1.0	0.30
107-05-1	3-Chloro-1-propene	10.1		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	10.1		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	11.8		1.0	0.14
124-48-1	Dibromochloromethane	11.9		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	11.2		2.0	0.67
74-95-3	Dibromomethane	10.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	8.86		1.0	0.31
75-34-3	1,1-Dichloroethane	11.0		1.0	0.15
107-06-2	1,2-Dichloroethane	11.4		1.0	0.22
75-35-4	1,1-Dichloroethene	10.8		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	20.8		2.0	0.17
78-87-5	1,2-Dichloropropane	11.0		1.0	0.18
123-91-1	1,4-Dioxane	196		50	19
100-41-4	Ethylbenzene	10.5		1.0	0.17
106-93-4	Ethylene Dibromide	11.4		1.0	0.24
97-63-2	Ethyl methacrylate	10.9		1.0	0.14
591-78-6	2-Hexanone	24.6		10	0.41
74-88-4	Iodomethane	10.5		1.0	0.18
78-83-1	Isobutanol	277		50	8.2
75-09-2	Methylene Chloride	10.1		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	24.7		10	0.32
100-42-5	Styrene	10.5		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton
Job No.: 240-37120-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 240-131334/4
Matrix: Water
Lab File ID: UXR3531.D
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 05/20/2014 11:18
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.18(mm)
% Moisture:
Level: (low/med) Low
Analysis Batch No.: 131334
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	11.1		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	10.9		1.0	0.18
127-18-4	Tetrachloroethene	10.3		1.0	0.29
108-88-3	Toluene	10.9		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	11.3		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	10.7		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	11.7		1.0	0.19
71-55-6	1,1,1-Trichloroethane	11.4		1.0	0.22
79-00-5	1,1,2-Trichloroethane	10.5		1.0	0.27
79-01-6	Trichloroethene	9.94		1.0	0.17
75-69-4	Trichlorofluoromethane	8.86		1.0	0.21
96-18-4	1,2,3-Trichloropropane	11.4		1.0	0.43
108-05-4	Vinyl acetate	14.8		2.0	0.19
75-01-4	Vinyl chloride	9.40		1.0	0.22
1330-20-7	Xylenes, Total	21.0		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		66-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-129
2037-26-5	Toluene-d8 (Surr)	97		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3531.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-May-2014 11:18:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031184-004
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 20-May-2014 14:09:49 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK036

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.775	-0.012	97	846644	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	648344	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	73	380730	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	59	169602	8.91	8.82	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	223024	8.91	9.14	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	764247	8.91	8.61	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	89	279385	8.91	8.77	
9 Dichlorodifluoromethane	85	1.648	1.648	0.000	87	253825	10.0	8.86	
10 Chloromethane	50	1.826	1.826	0.000	89	318162	10.0	9.38	
11 Vinyl chloride	62	1.957	1.957	0.000	83	302734	10.0	9.40	
119 Butadiene	54	1.992	1.992	0.000	0	282025	10.0	9.21	
12 Bromomethane	94	2.312	2.313	-0.001	88	95262	10.0	7.71	
13 Chloroethane	64	2.419	2.419	0.000	92	98018	10.0	6.41	
14 Dichlorofluoromethane	67	2.633	2.633	0.000	81	303649	10.0	9.14	
15 Trichlorofluoromethane	101	2.668	2.668	0.000	86	259476	10.0	8.86	
16 Ethyl ether	59	2.953	2.953	0.000	90	218078	10.0	10.8	
18 Acrolein	56	3.095	3.095	0.000	92	104806	50.0	36.4	
19 1,1-Dichloroethene	96	3.178	3.178	0.000	89	224879	10.0	10.8	
20 1,1,2-Trichloro-1,2,2-trif	151	3.202	3.202	0.000	83	186570	10.0	11.1	
21 Acetone	43	3.237	3.238	-0.001	96	141289	20.0	25.3	
22 Iodomethane	142	3.332	3.332	0.000	97	336684	10.0	10.5	
23 Carbon disulfide	76	3.392	3.392	0.000	99	670577	10.0	11.1	
25 3-Chloro-1-propene	76	3.522	3.522	0.000	88	123967	10.0	10.1	
26 Methyl acetate	43	3.546	3.546	0.000	98	850599	50.0	57.3	
27 Methylene Chloride	84	3.641	3.641	0.000	90	265679	10.0	10.1	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	90	133024	100.0	105.4	
29 Acrylonitrile	53	3.878	3.878	0.000	100	913893	100.0	116.0	
30 Methyl tert-butyl ether	73	3.878	3.878	0.000	88	615325	10.0	11.2	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	93	258570	10.0	10.7	
32 Hexane	86	4.115	4.115	0.000	91	68992	10.0	11.4	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	85	467110	10.0	11.0	
34 Vinyl acetate	43	4.305	4.305	0.000	97	348360	8.00	14.8	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	70	265473	10.0	10.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2,2-Dichloropropane	77	4.779	4.779	0.000	58	216413	10.0	10.0	
40 2-Butanone (MEK)	43	4.791	4.779	0.012	94	197468	20.0	23.8	
44 Chlorobromomethane	128	4.992	4.993	-0.001	96	118098	10.0	10.2	
45 Tetrahydrofuran	42	5.028	5.028	0.000	92	125609	20.0	24.1	
46 Chloroform	83	5.052	5.052	0.000	70	416770	10.0	10.8	
47 1,1,1-Trichloroethane	97	5.218	5.206	0.012	93	319384	10.0	11.4	
48 Cyclohexane	56	5.253	5.253	0.000	89	458450	10.0	10.7	
49 1,1-Dichloropropene	75	5.348	5.348	0.000	95	361797	10.0	11.7	
50 Carbon tetrachloride	117	5.360	5.348	0.012	75	278914	10.0	11.6	
51 Isobutyl alcohol	41	5.431	5.419	0.012	90	150861	250.0	276.8	
52 Benzene	78	5.538	5.538	0.000	95	1088253	10.0	10.3	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	89	333217	10.0	11.4	
55 n-Heptane	100	5.728	5.728	0.000	91	61466	10.0	10.8	
57 Trichloroethene	130	6.083	6.084	-0.001	95	247430	10.0	9.94	
59 Methylcyclohexane	83	6.249	6.250	-0.001	89	407519	10.0	10.3	
60 1,2-Dichloropropane	63	6.285	6.285	0.000	93	265961	10.0	11.0	
62 Dibromomethane	93	6.392	6.392	0.000	93	131465	10.0	10.8	
63 1,4-Dioxane	88	6.392	6.392	0.000	39	40005	200.0	196.0	
64 Dichlorobromomethane	83	6.522	6.522	0.000	93	283162	10.0	11.2	
66 2-Chloroethyl vinyl ether	63	6.759	6.759	0.000	92	167447	12.0	13.8	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.000	92	351223	10.0	11.8	
68 4-Methyl-2-pentanone (MIBK	43	7.032	7.032	0.000	96	394506	20.0	24.7	
69 Toluene	91	7.210	7.210	0.000	98	1167734	10.0	10.9	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	88	300169	10.0	11.7	
71 Ethyl methacrylate	69	7.459	7.447	0.012	87	287467	10.0	10.9	
72 1,1,2-Trichloroethane	97	7.578	7.566	0.012	90	205926	10.0	10.5	
73 Tetrachloroethene	164	7.696	7.696	0.000	92	207605	10.0	10.3	
75 1,3-Dichloropropane	76	7.732	7.732	0.000	89	395334	10.0	10.9	
76 2-Hexanone	43	7.779	7.779	0.000	95	265412	20.0	24.6	
78 Chlorodibromomethane	129	7.945	7.933	0.012	86	193125	10.0	11.9	
79 Ethylene Dibromide	107	8.052	8.052	0.000	97	199169	10.0	11.4	
81 Chlorobenzene	112	8.503	8.503	0.000	94	694010	10.0	10.2	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	84	215515	10.0	11.1	
83 Ethylbenzene	106	8.586	8.586	0.000	98	379295	10.0	10.5	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.000	100	465902	10.0	10.5	
85 o-Xylene	106	9.084	9.084	0.000	93	447965	10.0	10.5	
86 Styrene	104	9.096	9.096	0.000	94	744235	10.0	10.5	
87 Bromoform	173	9.285	9.285	0.000	97	102850	10.0	11.3	
89 Isopropylbenzene	105	9.428	9.428	0.000	95	1169478	10.0	10.7	
91 1,1,2,2-Tetrachloroethane	83	9.724	9.724	0.000	86	267986	10.0	10.9	
92 Bromobenzene	156	9.748	9.748	0.000	89	294600	10.0	10.2	
93 trans-1,4-Dichloro-2-buten	53	9.771	9.772	-0.001	47	67663	10.0	11.3	
94 1,2,3-Trichloropropane	110	9.771	9.772	-0.001	70	86965	10.0	11.4	
95 N-Propylbenzene	120	9.831	9.831	0.000	97	325051	10.0	10.5	
96 2-Chlorotoluene	126	9.926	9.926	0.000	96	268833	10.0	10.1	
97 1,3,5-Trimethylbenzene	105	9.997	9.997	0.000	81	993877	10.0	10.8	
98 4-Chlorotoluene	126	10.032	10.032	0.000	96	300351	10.0	10.5	
99 tert-Butylbenzene	119	10.317	10.317	0.000	91	823808	10.0	10.2	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.000	86	1013912	10.0	10.5	
102 sec-Butylbenzene	105	10.530	10.530	0.000	93	1164656	10.0	10.3	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.000	96	576493	10.0	9.97	
104 4-Isopropyltoluene	119	10.673	10.673	0.000	95	1005808	10.0	10.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
105 1,4-Dichlorobenzene	146	10.744	10.744	0.000	94	594782	10.0	10.0	
108 n-Butylbenzene	91	11.076	11.076	0.000	96	849098	10.0	10.3	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.000	97	549089	10.0	9.96	
111 1,2-Dibromo-3-Chloropropan	157	11.906	11.906	0.000	72	40549	10.0	11.2	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.000	90	310980	10.0	8.91	
114 Hexachlorobutadiene	225	12.890	12.890	0.000	91	125282	10.0	8.06	
115 Naphthalene	128	12.997	12.997	0.000	100	671933	10.0	9.48	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.000	99	293038	10.0	8.77	
S 130 Xylenes, Total	106				0		20.0	21.0	
S 131 Trihalomethanes, Total	1				0		40.0	45.1	

Report Date: 20-May-2014 14:09:50 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140520-31184.b\UXR3531.D

Injection Date: 20-May-2014 11:18:30 Instrument ID: A3UX17 Operator ID: 1644

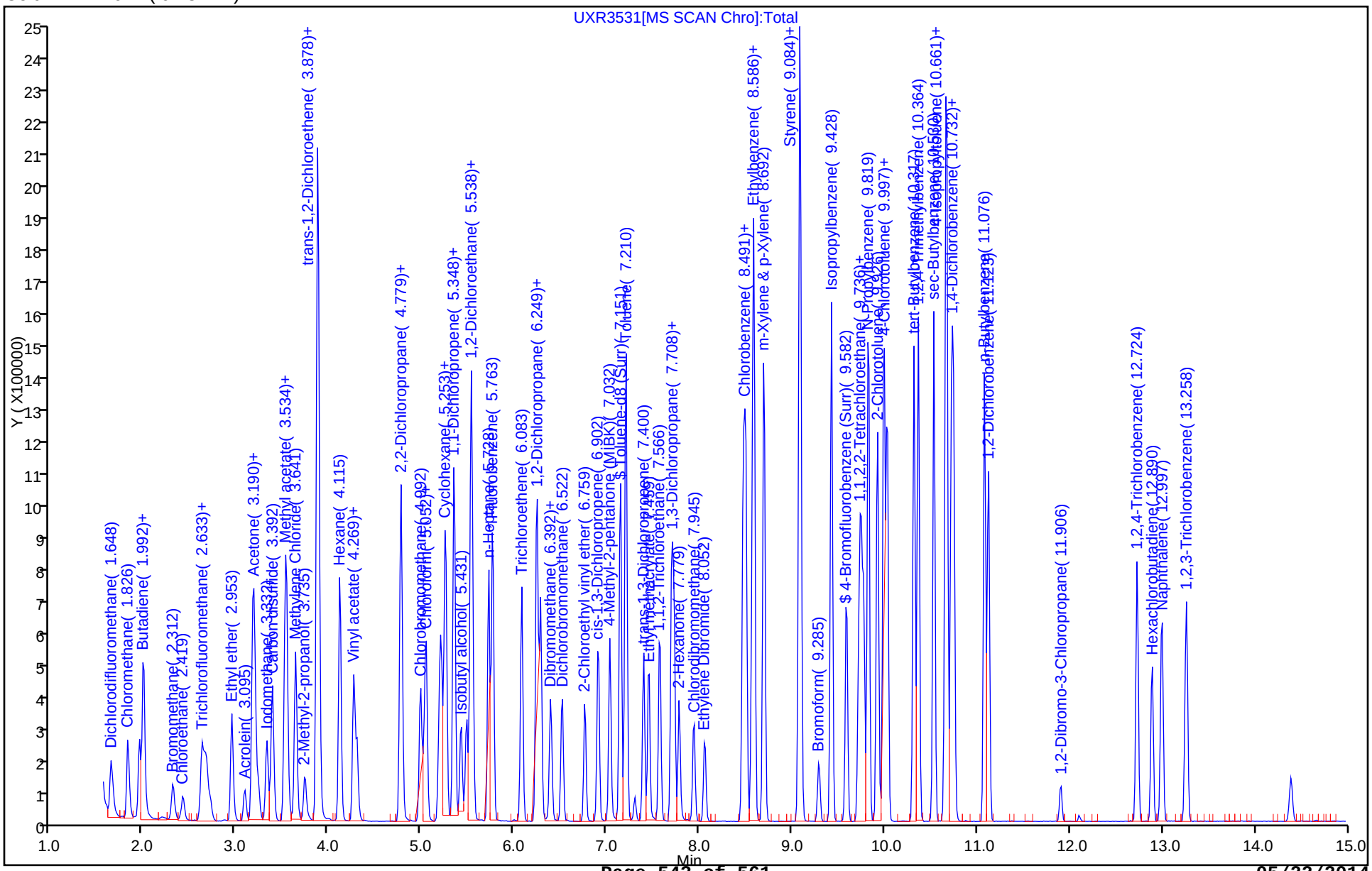
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-131527/4

Matrix: Water | Lab File ID: UXR3560.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	27.3		10	1.1
107-02-8	Acrolein	36.8		20	2.2
107-13-1	Acrylonitrile	122		20	2.0
71-43-2	Benzene	10.3		1.0	0.13
75-27-4	Bromodichloromethane	11.0		1.0	0.15
75-25-2	Bromoform	11.4		1.0	0.64
74-83-9	Bromomethane	6.91		1.0	0.41
78-93-3	2-Butanone	26.1		10	0.57
75-15-0	Carbon disulfide	10.9		1.0	0.13
56-23-5	Carbon tetrachloride	11.5		1.0	0.13
108-90-7	Chlorobenzene	10.1		1.0	0.15
75-00-3	Chloroethane	5.95		1.0	0.29
67-66-3	Chloroform	10.8		1.0	0.16
74-87-3	Chloromethane	9.91		1.0	0.30
107-05-1	3-Chloro-1-propene	10.6		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	10.2		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	11.9		1.0	0.14
124-48-1	Dibromochloromethane	11.2		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	10.4		2.0	0.67
74-95-3	Dibromomethane	10.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	10.0		1.0	0.31
75-34-3	1,1-Dichloroethane	11.0		1.0	0.15
107-06-2	1,2-Dichloroethane	11.3		1.0	0.22
75-35-4	1,1-Dichloroethene	10.7		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	21.0		2.0	0.17
78-87-5	1,2-Dichloropropane	11.0		1.0	0.18
123-91-1	1,4-Dioxane	222		50	19
100-41-4	Ethylbenzene	10.4		1.0	0.17
106-93-4	Ethylene Dibromide	11.1		1.0	0.24
97-63-2	Ethyl methacrylate	11.3		1.0	0.14
591-78-6	2-Hexanone	27.1		10	0.41
74-88-4	Iodomethane	10.2		1.0	0.18
78-83-1	Isobutanol	288		50	8.2
75-09-2	Methylene Chloride	10.2		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	27.1		10	0.32
100-42-5	Styrene	10.2		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-37120-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-131527/4

Matrix: Water | Lab File ID: UXR3560.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/21/2014 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

Analysis Batch No.: 131527 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	11.0		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	11.0		1.0	0.18
127-18-4	Tetrachloroethene	10.1		1.0	0.29
108-88-3	Toluene	10.6		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	12.3		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	10.8		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	11.9		1.0	0.19
71-55-6	1,1,1-Trichloroethane	11.0		1.0	0.22
79-00-5	1,1,2-Trichloroethane	10.4		1.0	0.27
79-01-6	Trichloroethene	10.2		1.0	0.17
75-69-4	Trichlorofluoromethane	9.12		1.0	0.21
96-18-4	1,2,3-Trichloropropane	11.9		1.0	0.43
108-05-4	Vinyl acetate	14.6		2.0	0.19
75-01-4	Vinyl chloride	9.71		1.0	0.22
1330-20-7	Xylenes, Total	20.7		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		66-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-129
2037-26-5	Toluene-d8 (Surr)	97		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3560.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 21-May-2014 11:10:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0031233-004
Operator ID: 1644 Instrument ID: A3UX17

Method: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\8260_17.m
Limit Group: MSV 8260B ICAL
Last Update: 22-May-2014 09:46:43 Calib Date: 28-Mar-2014 00:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	97	826239	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	638719	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	72	372188	10.0	10.0	
$ 4 Dibromofluoromethane (Surr	113	5.194	5.194	0.000	58	165772	8.91	8.83	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.491	5.491	0.000	0	217351	8.91	9.13	
$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	759157	8.91	8.68	
$ 7 4-Bromofluorobenzene (Surr	95	9.582	9.582	0.000	89	258311	8.91	8.23	
9 Dichlorodifluoromethane	85	1.648	1.648	0.000	87	280385	10.0	10.0	
10 Chloromethane	50	1.826	1.826	0.000	89	327931	10.0	9.91	
11 Vinyl chloride	62	1.957	1.957	0.000	83	305193	10.0	9.71	
119 Butadiene	54	1.992	2.004	-0.012	0	280354	10.0	9.39	
12 Bromomethane	94	2.312	2.313	-0.001	87	83315	10.0	6.91	
13 Chloroethane	64	2.419	2.431	-0.012	95	88782	10.0	5.95	
14 Dichlorofluoromethane	67	2.633	2.633	0.000	80	307655	10.0	9.49	
15 Trichlorofluoromethane	101	2.668	2.668	0.000	85	260578	10.0	9.12	
16 Ethyl ether	59	2.953	2.953	0.000	91	222399	10.0	11.3	
18 Acrolein	56	3.095	3.095	0.000	88	103415	50.0	36.8	
19 1,1-Dichloroethene	96	3.178	3.178	0.000	88	218331	10.0	10.7	
20 1,1,2-Trichloro-1,2,2-trif	151	3.202	3.202	0.000	85	176959	10.0	10.8	
21 Acetone	43	3.237	3.238	-0.001	96	148420	20.0	27.3	
22 Iodomethane	142	3.332	3.332	0.000	98	320344	10.0	10.2	
23 Carbon disulfide	76	3.392	3.392	0.000	99	640798	10.0	10.9	
25 3-Chloro-1-propene	76	3.522	3.522	0.000	87	126209	10.0	10.6	
26 Methyl acetate	43	3.546	3.546	0.000	98	882012	50.0	60.9	
27 Methylene Chloride	84	3.641	3.641	0.000	89	262898	10.0	10.2	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	96	151700	100.0	123.1	
29 Acrylonitrile	53	3.878	3.878	0.000	98	937208	100.0	121.9	
30 Methyl tert-butyl ether	73	3.878	3.878	0.000	89	644287	10.0	12.0	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	96	255187	10.0	10.8	
32 Hexane	86	4.115	4.115	0.000	93	65575	10.0	11.1	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	85	456080	10.0	11.0	
34 Vinyl acetate	43	4.305	4.305	0.000	97	335381	8.00	14.6	
38 2,2-Dichloropropane	77	4.779	4.779	0.000	56	211483	10.0	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	71	260048	10.0	10.2	
40 2-Butanone (MEK)	43	4.791	4.791	0.000	95	210818	20.0	26.1	
44 Chlorobromomethane	128	4.992	4.993	-0.001	91	114619	10.0	10.1	
45 Tetrahydrofuran	42	5.028	5.028	0.000	95	127505	20.0	25.1	
46 Chloroform	83	5.052	5.052	0.000	70	409142	10.0	10.8	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.000	91	303404	10.0	11.0	
48 Cyclohexane	56	5.253	5.253	0.000	90	458143	10.0	11.0	
49 1,1-Dichloropropene	75	5.348	5.348	0.000	96	348036	10.0	11.5	
50 Carbon tetrachloride	117	5.348	5.348	0.000	72	269913	10.0	11.5	
51 Isobutyl alcohol	41	5.431	5.419	0.012	92	154912	250.0	288.5	
52 Benzene	78	5.538	5.538	0.000	95	1060679	10.0	10.3	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	87	322360	10.0	11.3	
55 n-Heptane	100	5.728	5.728	0.000	90	55721	10.0	10.1	
57 Trichloroethene	130	6.083	6.084	-0.001	95	249093	10.0	10.2	
59 Methylcyclohexane	83	6.249	6.250	-0.001	86	388824	10.0	10.1	
60 1,2-Dichloropropane	63	6.285	6.285	0.000	93	260306	10.0	11.0	
63 1,4-Dioxane	88	6.392	6.392	0.000	40	44244	200.0	222.1	
62 Dibromomethane	93	6.392	6.392	0.000	92	129251	10.0	10.8	
64 Dichlorobromomethane	83	6.522	6.522	0.000	93	270753	10.0	11.0	
66 2-Chloroethyl vinyl ether	63	6.759	6.759	0.000	91	163949	12.0	13.8	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.000	91	344740	10.0	11.9	
68 4-Methyl-2-pentanone (MIBK	43	7.032	7.032	0.000	97	421740	20.0	27.1	
69 Toluene	91	7.210	7.210	0.000	98	1116829	10.0	10.6	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	89	300264	10.0	11.9	
71 Ethyl methacrylate	69	7.447	7.459	-0.012	87	292895	10.0	11.3	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.000	86	201350	10.0	10.4	
73 Tetrachloroethene	164	7.708	7.696	0.012	93	200906	10.0	10.1	
75 1,3-Dichloropropane	76	7.732	7.732	0.000	87	386729	10.0	10.8	
76 2-Hexanone	43	7.779	7.779	0.000	96	288273	20.0	27.1	
78 Chlorodibromomethane	129	7.945	7.945	0.000	90	179085	10.0	11.2	
79 Ethylene Dibromide	107	8.064	8.052	0.012	98	192327	10.0	11.1	
81 Chlorobenzene	112	8.503	8.503	0.000	93	673506	10.0	10.1	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	84	209956	10.0	11.0	
83 Ethylbenzene	106	8.586	8.586	0.000	98	370919	10.0	10.4	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.000	100	454720	10.0	10.4	
85 o-Xylene	106	9.084	9.084	0.000	93	433938	10.0	10.3	
86 Styrene	104	9.096	9.096	0.000	94	707589	10.0	10.2	
87 Bromoform	173	9.285	9.285	0.000	96	102042	10.0	11.4	
89 Isopropylbenzene	105	9.428	9.428	0.000	95	1137439	10.0	10.5	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.724	-0.012	67	265375	10.0	11.0	
92 Bromobenzene	156	9.748	9.748	0.000	89	280440	10.0	9.93	
93 trans-1,4-Dichloro-2-buten	53	9.771	9.772	-0.001	60	72287	10.0	12.3	
94 1,2,3-Trichloropropane	110	9.771	9.772	-0.001	71	88635	10.0	11.9	
95 N-Propylbenzene	120	9.831	9.831	0.000	97	320937	10.0	10.6	
96 2-Chlorotoluene	126	9.926	9.926	0.000	96	266575	10.0	10.2	
97 1,3,5-Trimethylbenzene	105	9.997	9.997	0.000	84	955172	10.0	10.6	
98 4-Chlorotoluene	126	10.032	10.032	0.000	97	282455	10.0	10.1	
99 tert-Butylbenzene	119	10.317	10.317	0.000	91	806943	10.0	10.2	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.000	86	976985	10.0	10.3	
102 sec-Butylbenzene	105	10.530	10.530	0.000	94	1136695	10.0	10.3	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.000	97	545728	10.0	9.66	
104 4-Isopropyltoluene	119	10.673	10.673	0.000	94	961688	10.0	10.3	

Report Date: 22-May-2014 09:46:44 Chrom Revision: 2.2 16-May-2014 10:46:48
Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3560.D

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
105 1,4-Dichlorobenzene	146	10.744	10.744	0.000	93	562612	10.0	9.71	
108 n-Butylbenzene	91	11.076	11.076	0.000	96	817184	10.0	10.1	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.000	97	534192	10.0	9.91	
111 1,2-Dibromo-3-Chloropropan	157	11.906	11.906	0.000	68	36849	10.0	10.4	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.000	93	309010	10.0	9.06	
114 Hexachlorobutadiene	225	12.890	12.890	0.000	90	124682	10.0	8.21	
115 Naphthalene	128	12.997	12.997	0.000	100	698800	10.0	10.1	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.000	98	285681	10.0	8.74	
S 130 Xylenes, Total	106				0		20.0	20.7	
S 131 Trihalomethanes, Total	1				0		40.0	44.3	

Report Date: 22-May-2014 09:46:44 Chrom Revision: 2.2 16-May-2014 10:46:48

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140521-31233.b\UXR3560.D

Injection Date: 21-May-2014 11:10:30 Instrument ID: A3UX17 Operator ID: 1644

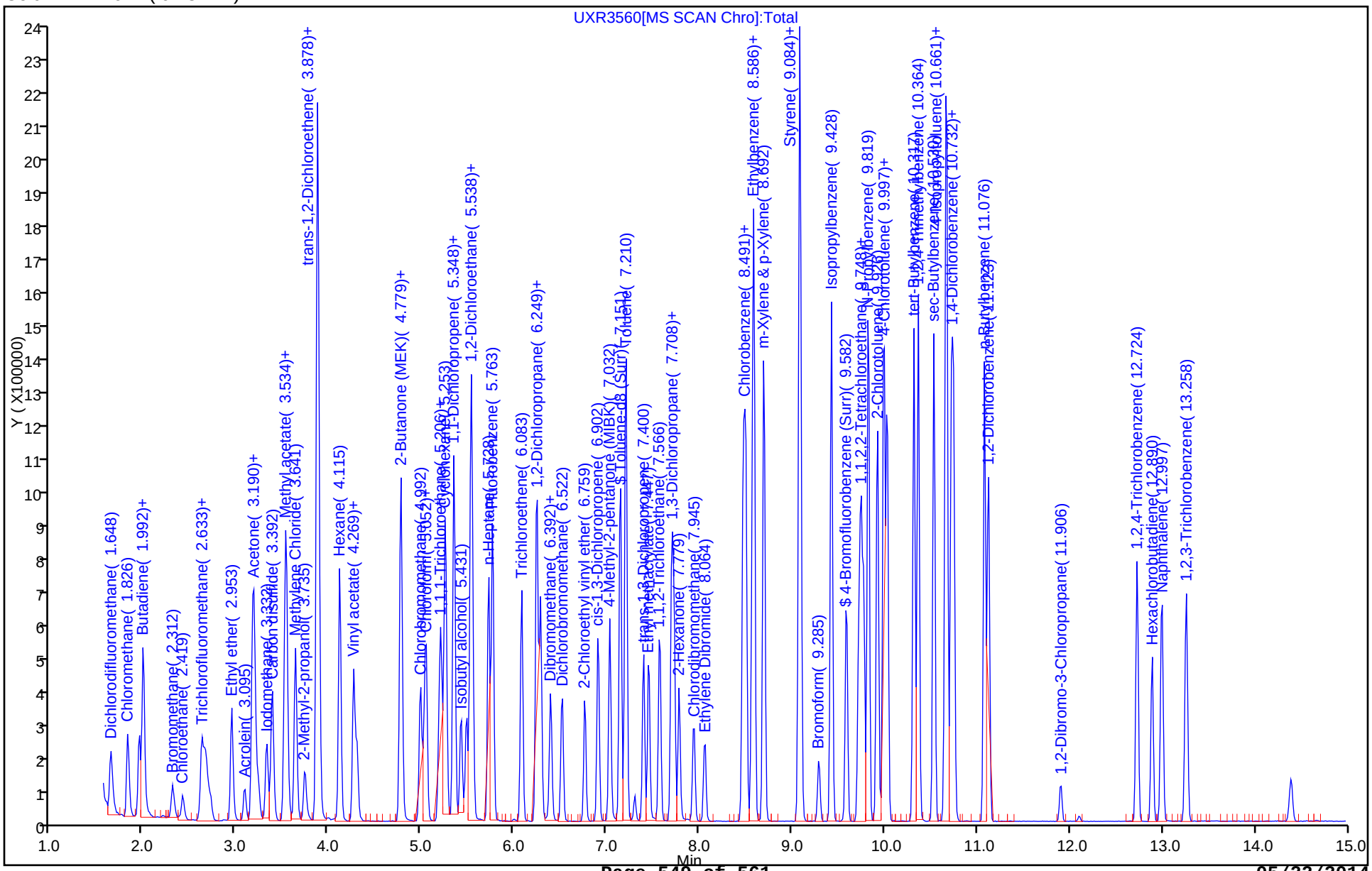
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_17 Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Instrument ID: A3UX10 Start Date: 03/13/2014 08:39

Analysis Batch Number: 122370 End Date: 03/13/2014 19:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-122370/1		03/13/2014 08:39	1	BFB5580.D	DB-624 0.18(mm)
STD8260 240-122370/2 IC		03/13/2014 09:02	1	UXX8834.D	DB-624 0.18(mm)
STD8260 240-122370/3 IC		03/13/2014 09:24	1	UXX8835.D	DB-624 0.18(mm)
STD8260 240-122370/4 ICIS		03/13/2014 09:48	1	UXX8836.D	DB-624 0.18(mm)
STD8260 240-122370/5 IC		03/13/2014 10:10	1	UXX8837.D	DB-624 0.18(mm)
STD8260 240-122370/6 IC		03/13/2014 10:33	1	UXX8838.D	DB-624 0.18(mm)
STD8260 240-122370/7 IC		03/13/2014 10:55	1	UXX8839.D	DB-624 0.18(mm)
STDA9 240-122370/8 IC		03/13/2014 11:18	1	UXX8840.D	DB-624 0.18(mm)
STDA9 240-122370/9 IC		03/13/2014 11:40	1	UXX8841.D	DB-624 0.18(mm)
STDA9 240-122370/10 IC		03/13/2014 12:02	1	UXX8842.D	DB-624 0.18(mm)
STDA9 240-122370/11 IC		03/13/2014 12:25	1	UXX8843.D	DB-624 0.18(mm)
STDA9 240-122370/12 IC		03/13/2014 12:47	1	UXX8844.D	DB-624 0.18(mm)
STDA9 240-122370/13 IC		03/13/2014 13:09	1	UXX8845.D	DB-624 0.18(mm)
ICV 240-122370/14		03/13/2014 13:50	1	UXX8846.D	DB-624 0.18(mm)
ICV 240-122370/15		03/13/2014 14:12	1	UXX8847.D	DB-624 0.18(mm)
ZZZZZ		03/13/2014 14:35	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 15:19	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 16:04	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 16:04	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 16:26	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 16:26	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 16:49	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 17:35	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 17:57	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 18:19	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 18:42	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 19:26	1		DB-624 0.18(mm)
ZZZZZ		03/13/2014 19:49	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Instrument ID: A3UX10 Start Date: 05/19/2014 11:32

Analysis Batch Number: 131184 End Date: 05/19/2014 22:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-131184/1		05/19/2014 11:32	1	BFB5682.D	DB-624 0.18(mm)
CCVIS 240-131184/2		05/19/2014 12:05	1	UXR0653.D	DB-624 0.18(mm)
CCV 240-131184/3		05/19/2014 12:28	1	UXR0654.D	DB-624 0.18(mm)
LCS 240-131184/4		05/19/2014 12:51	1	UXR0655.D	DB-624 0.18(mm)
MB 240-131184/6		05/19/2014 13:37	1	UXR0657.D	DB-624 0.18(mm)
ZZZZZ		05/19/2014 14:08	2.5		DB-624 0.18(mm)
ZZZZZ		05/19/2014 14:30	2		DB-624 0.18(mm)
ZZZZZ		05/19/2014 14:53	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 15:15	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 15:37	3.33		DB-624 0.18(mm)
ZZZZZ		05/19/2014 16:00	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 16:22	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 16:45	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 17:07	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 17:29	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 17:52	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 18:14	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 18:36	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 18:59	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 19:22	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 19:44	1		DB-624 0.18(mm)
240-37120-11	DCOUTFLOW/050814	05/19/2014 20:06	1	UXR0674.D	DB-624 0.18(mm)
240-37120-12	TB03/050814	05/19/2014 20:29	1	UXR0675.D	DB-624 0.18(mm)
ZZZZZ		05/19/2014 20:51	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 21:13	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 21:36	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 21:58	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 22:20	1		DB-624 0.18(mm)
ZZZZZ		05/19/2014 22:43	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Instrument ID: A3UX11 Start Date: 05/09/2014 13:06

Analysis Batch Number: 130073 End Date: 05/09/2014 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-130073/1		05/09/2014 13:06	1	BFB509E.D	DB-624 0.18(mm)
STD8260 240-130073/2 IC		05/09/2014 14:22	1	UXJ8173.D	DB-624 0.18(mm)
STD8260 240-130073/3 IC		05/09/2014 14:46	1	UXJ8174.D	DB-624 0.18(mm)
STD8260 240-130073/4 ICIS		05/09/2014 15:09	1	UXJ8175.D	DB-624 0.18(mm)
STD8260 240-130073/5 IC		05/09/2014 15:33	1	UXJ8176.D	DB-624 0.18(mm)
STD8260 240-130073/6 IC		05/09/2014 15:56	1	UXJ8177.D	DB-624 0.18(mm)
STD8260 240-130073/7 IC		05/09/2014 16:18	1	UXJ8178.D	DB-624 0.18(mm)
STD6 240-130073/8 IC		05/09/2014 16:42	1	UXJ8179.D	DB-624 0.18(mm)
STD5 240-130073/9 IC		05/09/2014 17:05	1	UXJ8180.D	DB-624 0.18(mm)
STD4 240-130073/10 IC		05/09/2014 17:29	1	UXJ8181.D	DB-624 0.18(mm)
STD3 240-130073/11 IC		05/09/2014 17:51	1	UXJ8182.D	DB-624 0.18(mm)
STD2 240-130073/12 IC		05/09/2014 18:15	1	UXJ8183.D	DB-624 0.18(mm)
STD1 240-130073/13 IC		05/09/2014 18:38	1	UXJ8184.D	DB-624 0.18(mm)
ICV 240-130073/14		05/09/2014 19:00	1		DB-624 0.18(mm)
ICV 240-130073/15		05/09/2014 19:24	1	UXJ8186.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Instrument ID: A3UX11 Start Date: 05/17/2014 10:35

Analysis Batch Number: 131072 End Date: 05/17/2014 21:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-131072/1		05/17/2014 10:35	1	BFB517.D	DB-624 0.18(mm)
CCVIS 240-131072/2		05/17/2014 11:01	1	UXJ8453.D	DB-624 0.18(mm)
LCS 240-131072/4		05/17/2014 11:25	1	UXJ8454.D	DB-624 0.18(mm)
CCV 240-131072/3		05/17/2014 11:48	1	UXJ8455.D	DB-624 0.18(mm)
MB 240-131072/5		05/17/2014 12:35	1	UXJ8457.D	DB-624 0.18(mm)
ZZZZZ		05/17/2014 12:59	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 13:22	2		DB-624 0.18(mm)
ZZZZZ		05/17/2014 13:46	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 14:08	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 14:32	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 14:55	1		DB-624 0.18(mm)
240-37120-1	DW004/050814	05/17/2014 15:19	1	UXJ8464.D	DB-624 0.18(mm)
240-37120-2	DCINFLOW/050814	05/17/2014 15:42	1	UXJ8465.D	DB-624 0.18(mm)
ZZZZZ		05/17/2014 16:06	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 16:28	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 16:52	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 17:15	100		DB-624 0.18(mm)
ZZZZZ		05/17/2014 18:02	5		DB-624 0.18(mm)
ZZZZZ		05/17/2014 18:49	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 19:11	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 19:35	6.67		DB-624 0.18(mm)
ZZZZZ		05/17/2014 19:58	6.67		DB-624 0.18(mm)
ZZZZZ		05/17/2014 20:22	6.67		DB-624 0.18(mm)
ZZZZZ		05/17/2014 20:45	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 21:09	2		DB-624 0.18(mm)
ZZZZZ		05/17/2014 21:32	1		DB-624 0.18(mm)
ZZZZZ		05/17/2014 21:56	1.67		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Instrument ID: A3UX17 Start Date: 03/10/2014 12:55

Analysis Batch Number: 121946 End Date: 03/10/2014 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-121946/1		03/10/2014 12:55	1	BFB023.D	DB-624 0.18(mm)
STD8260 240-121946/2 IC		03/10/2014 13:22	1	UXR1538.D	DB-624 0.18(mm)
STD8260 240-121946/3 IC		03/10/2014 13:44	1	UXR1539.D	DB-624 0.18(mm)
STD8260 240-121946/4 ICIS		03/10/2014 14:07	1	UXR1540.D	DB-624 0.18(mm)
STD8260 240-121946/5 IC		03/10/2014 14:30	1	UXR1541.D	DB-624 0.18(mm)
STD8260 240-121946/6 IC		03/10/2014 14:52	1	UXR1542.D	DB-624 0.18(mm)
STD8260 240-121946/7 IC		03/10/2014 15:15	1	UXR1543.D	DB-624 0.18(mm)
STDA9 240-121946/8 IC		03/10/2014 15:38	1	UXR1544.D	DB-624 0.18(mm)
STDA9 240-121946/9 IC		03/10/2014 16:00	1	UXR1545.D	DB-624 0.18(mm)
STDA9 240-121946/10 IC		03/10/2014 16:23	1	UXR1546.D	DB-624 0.18(mm)
STDA9 240-121946/11 IC		03/10/2014 16:46	1	UXR1547.D	DB-624 0.18(mm)
STDA9 240-121946/12 IC		03/10/2014 17:08	1	UXR1548.D	DB-624 0.18(mm)
STDA9 240-121946/13 IC		03/10/2014 21:35	1	UXR1550.D	DB-624 0.18(mm)
ICV 240-121946/14		03/10/2014 21:58	1	UXR1551.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Instrument ID: A3UX17 Start Date: 05/20/2014 10:00

Analysis Batch Number: 131334 End Date: 05/20/2014 20:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-131334/1		05/20/2014 10:00	1	BFB142.D	DB-624 0.18(mm)
CCVIS 240-131334/2		05/20/2014 10:32	1	UXR3529.D	DB-624 0.18(mm)
CCV 240-131334/3		05/20/2014 10:55	1	UXR3530.D	DB-624 0.18(mm)
LCS 240-131334/4		05/20/2014 11:18	1	UXR3531.D	DB-624 0.18(mm)
MB 240-131334/6		05/20/2014 12:03	1	UXR3533.D	DB-624 0.18(mm)
ZZZZZ		05/20/2014 12:28	1.43		DB-624 0.18(mm)
ZZZZZ		05/20/2014 12:51	3.33		DB-624 0.18(mm)
ZZZZZ		05/20/2014 13:13	2.5		DB-624 0.18(mm)
ZZZZZ		05/20/2014 13:36	10		DB-624 0.18(mm)
ZZZZZ		05/20/2014 13:59	1		DB-624 0.18(mm)
ZZZZZ		05/20/2014 14:21	5		DB-624 0.18(mm)
ZZZZZ		05/20/2014 14:44	1		DB-624 0.18(mm)
ZZZZZ		05/20/2014 15:07	1		DB-624 0.18(mm)
ZZZZZ		05/20/2014 15:29	8		DB-624 0.18(mm)
ZZZZZ		05/20/2014 15:52	1		DB-624 0.18(mm)
ZZZZZ		05/20/2014 16:15	1		DB-624 0.18(mm)
ZZZZZ		05/20/2014 16:37	125		DB-624 0.18(mm)
ZZZZZ		05/20/2014 17:00	25		DB-624 0.18(mm)
240-37120-5	MW509A/050814	05/20/2014 17:23	1	UXR3547.D	DB-624 0.18(mm)
240-37120-6	MW509B/050814	05/20/2014 17:45	1	UXR3548.D	DB-624 0.18(mm)
240-37120-7	MW510A/050814	05/20/2014 18:08	1	UXR3549.D	DB-624 0.18(mm)
240-37120-8	MW510B/050814	05/20/2014 18:31	1	UXR3550.D	DB-624 0.18(mm)
240-37120-10	MW508B/050814	05/20/2014 19:16	1	UXR3552.D	DB-624 0.18(mm)
ZZZZZ		05/20/2014 19:39	1		DB-624 0.18(mm)
ZZZZZ		05/20/2014 20:01	1		DB-624 0.18(mm)
ZZZZZ		05/20/2014 20:24	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-37120-1

SDG No.:

Instrument ID: A3UX17 Start Date: 05/21/2014 09:52

Analysis Batch Number: 131527 End Date: 05/21/2014 21:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-131527/1		05/21/2014 09:52	1	BFB145.D	DB-624 0.18(mm)
CCVIS 240-131527/2		05/21/2014 10:25	1	UXR3558.D	DB-624 0.18(mm)
CCV 240-131527/3		05/21/2014 10:48	1	UXR3559.D	DB-624 0.18(mm)
LCS 240-131527/4		05/21/2014 11:10	1	UXR3560.D	DB-624 0.18(mm)
MB 240-131527/6		05/21/2014 11:55	1	UXR3562.D	DB-624 0.18(mm)
ZZZZZ		05/21/2014 12:54	125		DB-624 0.18(mm)
ZZZZZ		05/21/2014 13:16	50		DB-624 0.18(mm)
ZZZZZ		05/21/2014 13:39	714.28		DB-624 0.18(mm)
ZZZZZ		05/21/2014 14:01	500		DB-624 0.18(mm)
ZZZZZ		05/21/2014 14:24	14.28		DB-624 0.18(mm)
ZZZZZ		05/21/2014 14:47	10		DB-624 0.18(mm)
ZZZZZ		05/21/2014 15:09	1		DB-624 0.18(mm)
240-37120-3	MW505B/050814	05/21/2014 15:32	33.33	UXR3570.D	DB-624 0.18(mm)
240-37120-4	MW505A/050814	05/21/2014 15:54	6.67	UXR3571.D	DB-624 0.18(mm)
240-37120-9	MW508/050814	05/21/2014 16:17	2.5	UXR3572.D	DB-624 0.18(mm)
ZZZZZ		05/21/2014 16:40	1		DB-624 0.18(mm)
ZZZZZ		05/21/2014 17:02	1		DB-624 0.18(mm)
ZZZZZ		05/21/2014 17:25	1		DB-624 0.18(mm)
ZZZZZ		05/21/2014 17:48	1		DB-624 0.18(mm)
ZZZZZ		05/21/2014 18:10	2.5		DB-624 0.18(mm)
ZZZZZ		05/21/2014 18:55	1		DB-624 0.18(mm)
ZZZZZ		05/21/2014 19:17	12.5		DB-624 0.18(mm)
ZZZZZ		05/21/2014 19:40	5		DB-624 0.18(mm)
ZZZZZ		05/21/2014 20:03	71.43		DB-624 0.18(mm)
ZZZZZ		05/21/2014 20:25	50		DB-624 0.18(mm)
ZZZZZ		05/21/2014 20:48	1.43		DB-624 0.18(mm)
ZZZZZ		05/21/2014 21:11	1		DB-624 0.18(mm)
ZZZZZ		05/21/2014 21:33	1		DB-624 0.18(mm)
ZZZZZ		05/21/2014 21:56	1		DB-624 0.18(mm)

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS

240-37120 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

Chain of Custody Record

2.8

TestAmerica Laboratory location: North Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: TRC Environmental	Client Project Manager: Curt Kugler	Site Contact: Steve Rolfes	Lab Contact: Pat O'Meara
Address: 11231 Cornell Park Drive	Telephone: (513) 489.2255	Telephone: (513) 489.2255	Telephone: —
City/State/Zip: Cincinnati, OH 45242	Email: CKugler@trcsolutions.com		
Phone: (513) 489-2255			
Project Name: EMD	Method of Shipment/Carrier: T.A. Courier		
Project Number: 213083.03	Shipping/Tracking No:		
PO #			

COC No: 062095

1 of 2 COCs

Analysis Turnaround Time (in BUS days)

TAT if different from below STD

☐ 3 weeks
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only

Walk-in client ☐
Lab pickup ☐
Lab sampling ☐

Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/Grab=G	Analyses: VOC 8260B	Sample Specific Notes / Special Instructions:
DW004/050814	5/8/14	0920		X						3					N	G	X	
DC Inflow/050814		0930																
MW505B/050814		1015																
MW505A/050814		1015																
MW509A/050814		1045																
MW509B/050814		1050																
MW510A/050814		1100																
MW510B/050814		1120																
MW508/050814		1145																
MW508B/050814	5/8/14	1200		X						3					N	G	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
RCRA CA Level IV

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TRC Environmental	5/8/14 / 1450	[signature]	Test America	5/8/14 / 1450
[signature]	Test America	5/8/14 / 1500	[signature]	Test America	5/9/14 930
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

©2008 TestAmerica Laboratories, Inc. All rights reserved
TestAmerica & Design ™ are trademarks of TestAmerica Laboratories, Inc.

TAL 0018- 1 (04/10)

05/22/2014

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: North Canton, OH

Regulatory program: [ ] DW [ ] NPDES [X] RCRA [ ] Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: TRC Environmental Corp	Client Project Manager: Curt Kugler	Site Contact: Steve Rolles	Lab Contact: Pat Owen
Address: 11231 Cornell Park Dr.	Telephone: (513) 484-2255	Telephone: (513) 484-2255	Telephone: —
City/State/Zip: Cincinnati, OH 45242	Email: CKugler@trcsolutions.com		
Phone: 513-484-2255			
Project Name: EMD	Method of Shipment/Carrier: TA Courier		
Project Number: 213083.03	Shipping/Tracking No:		
PO #			

COC No: 062096

2 of 2 COCs

Analysis Turnaround Time (in BUS days): TAT if different from below 5D [ ] 3 weeks [ ] 2 weeks [ ] 1 week [ ] 2 days [ ] 1 day

For lab use only: Walk-in client [ ] Lab pickup [ ] Lab sampling [ ] Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: 8260B VOC	Sample Specific Notes / Special Instructions:
DC Outflow/050814	5/8/14	1230		X						3					N	G	X	
TB03/050814	5/8/14	—		X						2					N	G	X	

Possible Hazard Identification: [ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): [ ] Return to Client [X] Disposal By Lab [ ] Archive For ____ Months

Special Instructions/QC Requirements & Comments:

DCRA CA level IV

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TRC	5/8/14 1450	[signature]	Test America	5/8/14 1450
[signature]	Test America	5/8/14 1500	[signature]	Test America	5/9/14 930
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

©2008 TestAmerica Laboratories, Inc. All rights reserved
TestAmerica & Design ™ are trademarks of TestAmerica Laboratories, Inc.

TAL 0018- 1 (04/10)

05/22/2014

TestAmerica Canton Sample Receipt Form/Narrative Login # : 37120
Canton Facility

Client TRC Environmental Site Name _____ Cooler unpacked by: Ryan Ross

Cooler Received on 5/9/14 Opened on 5/9/14

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 2.8 °C Corrected Cooler Temp. 2.8 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C ☐ See Multiple Cooler Form

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   - Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   - Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: [signature]

15. SAMPLE CONDITION

~~Sample(s) _____ were received after the recommended holding time had expired.~~

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____.