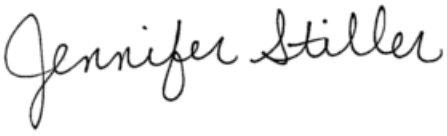
ANALYTICAL REPORT

Job Number: 240-18735-1

Job Description: RVAAP - ECC

For:
Environmental Chemical Corp.
33 Boston Post Road West
Suite 40
Marlborough, MA 01752

Attention: Mr. Jackson Kiker



Approved for release.
Jennifer Stiller
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1/9/2013 4:21 PM

Designee for
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01/09/2013

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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-18735-1

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.

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.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North 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 applicable 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.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

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

All parameters for which TestAmerica North Canton has certification were evaluated to the limit of detection (LOD) and include qualified results where applicable. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

RECEIPT

The samples were received on 12/12/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 3.8º C, 4.0º C, 4.2º C and 4.6º C

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 070-0060-0001-TB (240-18735-7) was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were analyzed on 12/20/2012.

Methylene Chloride failed the recovery criteria low for MRL 240-69591/18. Bromoform failed the recovery criteria low for MRL 240-69591/5. Refer to the QC report for details.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Sample 070SB-0042M-0001-SO (240-18735-1) was analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were prepared on 12/12/2012 and analyzed on 12/23/2012.

Method(s) 5035: The frozen preserved vials for samples 070SB-0042M-0002-SO (240-18735-1 MSD) did not have the tare weight. The average tare weight of other vials in the job was useed to determine weights for these samples.

No other difficulties were encountered during the GRO analysis.

All quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Sample 070SB-0055-0001-TB (240-18735-2) was analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were analyzed on 12/22/2012.

No difficulties were encountered during the GRO analysis.

All quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples 076SB-0119-0001-SO (240-18735-8), 076SB-0120-0001-SO (240-18735-9), 076SB-0121-0001-SO (240-18735-10), 076SB-0122-0001-SO (240-18735-11), 076SB-0123-0001-SO (240-18735-12), 076SB-0124-0001-SO (240-18735-13), 076SB-0125-0001-SO (240-18735-14), 076SB-0126-0001-SO (240-18735-15), 076SB-0127-0001-SO (240-18735-16), 076SB-0128-0001-SO (240-18735-17), 076SB-0129-0001-SO (240-18735-18), 076SB-0130-0001-SO (240-18735-19), 076SB-0131-0001-SO (240-18735-20), 076SB-0132-0001-SO (240-18735-21), 076SB-0133-0001-SO (240-18735-22), 076SB-0134-0001-SO (240-18735-23), 076SB-0135-0001-SO (240-18735-24) and 076SB-0136-0001-SO (240-18735-25) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 3060A/7196A. The samples were prepared on 12/31/2012 and analyzed on 01/02/2013.

No difficulties were encountered during the hexavalent chromium analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 070SB-0042M-0001-SO (240-18735-1), 076SB-0119-0001-SO (240-18735-8), 076SB-0120-0001-SO (240-18735-9), 076SB-0121-0001-SO (240-18735-10), 076SB-0122-0001-SO (240-18735-11), 076SB-0123-0001-SO (240-18735-12), 076SB-0124-0001-SO (240-18735-13), 076SB-0125-0001-SO (240-18735-14), 076SB-0126-0001-SO (240-18735-15), 076SB-0127-0001-SO (240-18735-16), 076SB-0128-0001-SO (240-18735-17), 076SB-0129-0001-SO (240-18735-18), 076SB-0130-0001-SO (240-18735-19), 076SB-0131-0001-SO (240-18735-20), 076SB-0132-0001-SO (240-18735-21), 076SB-0133-0001-SO (240-18735-22), 076SB-0134-0001-SO (240-18735-23), 076SB-0135-0001-SO (240-18735-24) and 076SB-0136-0001-SO (240-18735-25) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 12/13/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: YPID Analysis Batch Number: 69738

Lab Sample ID: CCV 240-69738/50 Client Sample ID:

Date Analyzed: 12/22/12 17:35 Lab File ID: YF122150.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	9.76	Baseline Event	bosworthh	12/24/12 06:47

Lab Sample ID: CCV 240-69738/71 Client Sample ID:

Date Analyzed: 12/23/12 06:55 Lab File ID: YF122171.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	9.76	Baseline Event	bosworthh	12/24/12 06:51

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-18735-1	070SB-0042M-0001-SO	Solid	12/12/2012 1030	12/12/2012 1707
240-18735-1MS	070SB-0042M-0001-SO	Solid	12/12/2012 1030	12/12/2012 1707
240-18735-1MSD	070SB-0042M-0001-SO	Solid	12/12/2012 1030	12/12/2012 1707
240-18735-1DU	070SB-0042M-0001-SO	Solid	12/12/2012 1030	12/12/2012 1707
240-18735-2	070SB-0055-0001-TB	Water	12/12/2012 0800	12/12/2012 1707
240-18735-7	070-0060-0001-TB	Water	12/12/2012 0800	12/12/2012 1707
240-18735-8	076SB-0119-0001-SO	Solid	12/11/2012 0910	12/12/2012 1707
240-18735-9	076SB-0120-0001-SO	Solid	12/11/2012 1120	12/12/2012 1707
240-18735-10	076SB-0121-0001-SO	Solid	12/11/2012 1050	12/12/2012 1707
240-18735-11	076SB-0122-0001-SO	Solid	12/11/2012 0930	12/12/2012 1707
240-18735-12	076SB-0123-0001-SO	Solid	12/11/2012 0950	12/12/2012 1707
240-18735-13	076SB-0124-0001-SO	Solid	12/11/2012 1015	12/12/2012 1707
240-18735-14	076SB-0125-0001-SO	Solid	12/12/2012 1015	12/12/2012 1707
240-18735-14DU	076SB-0125-0001-SO	Solid	12/12/2012 1015	12/12/2012 1707
240-18735-15	076SB-0126-0001-SO	Solid	12/11/2012 1555	12/12/2012 1707
240-18735-16	076SB-0127-0001-SO	Solid	12/11/2012 1555	12/12/2012 1707
240-18735-17	076SB-0128-0001-SO	Solid	12/11/2012 1520	12/12/2012 1707
240-18735-18	076SB-0129-0001-SO	Solid	12/11/2012 1450	12/12/2012 1707
240-18735-19	076SB-0130-0001-SO	Solid	12/12/2012 1049	12/12/2012 1707
240-18735-20	076SB-0131-0001-SO	Solid	12/12/2012 1124	12/12/2012 1707
240-18735-21	076SB-0132-0001-SO	Solid	12/11/2012 1225	12/12/2012 1707
240-18735-22	076SB-0133-0001-SO	Solid	12/11/2012 1225	12/12/2012 1707
240-18735-23	076SB-0134-0001-SO	Solid	12/11/2012 1315	12/12/2012 1707
240-18735-24	076SB-0135-0001-SO	Solid	12/11/2012 1340	12/12/2012 1707
240-18735-25	076SB-0136-0001-SO	Solid	12/11/2012 1410	12/12/2012 1707

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18735-1	**070SB-0042M-0001-SO**					
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
240-18735-2	**070SB-0055-0001-TB**					
C6-C12		37	J	100	ug/L	8015B
240-18735-7	**070-0060-0001-TB**					
Chloroform		0.32	J	1.0	ug/L	8260B/DoD
240-18735-8	**076SB-0119-0001-SO**					
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-18735-9	**076SB-0120-0001-SO**					
Cr (VI)		0.34	J	0.91	mg/Kg	7196A
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
240-18735-10	**076SB-0121-0001-SO**					
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture
240-18735-11	**076SB-0122-0001-SO**					
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
240-18735-12	**076SB-0123-0001-SO**					
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
240-18735-13	**076SB-0124-0001-SO**					
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18735-14	**076SB-0125-0001-SO**					
Percent Solids		91		0.10	%	Moisture
Percent Moisture		8.7		0.10	%	Moisture
240-18735-15	**076SB-0126-0001-SO**					
Cr (VI)		0.31	J	0.89	mg/Kg	7196A
Percent Solids		90		0.10	%	Moisture
Percent Moisture		9.7		0.10	%	Moisture
240-18735-16	**076SB-0127-0001-SO**					
Percent Solids		90		0.10	%	Moisture
Percent Moisture		10		0.10	%	Moisture
240-18735-17	**076SB-0128-0001-SO**					
Percent Solids		90		0.10	%	Moisture
Percent Moisture		9.5		0.10	%	Moisture
240-18735-18	**076SB-0129-0001-SO**					
Percent Solids		90		0.10	%	Moisture
Percent Moisture		10		0.10	%	Moisture
240-18735-19	**076SB-0130-0001-SO**					
Percent Solids		91		0.10	%	Moisture
Percent Moisture		8.6		0.10	%	Moisture
240-18735-20	**076SB-0131-0001-SO**					
Percent Solids		92		0.10	%	Moisture
Percent Moisture		8.5		0.10	%	Moisture
240-18735-21	**076SB-0132-0001-SO**					
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
240-18735-22	**076SB-0133-0001-SO**					
Cr (VI)		0.39	J	0.98	mg/Kg	7196A
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18735-23	**076SB-0134-0001-SO**					
Cr (VI)		0.37	J	0.91	mg/Kg	7196A
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-18735-24	**076SB-0135-0001-SO**					
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
240-18735-25	**076SB-0136-0001-SO**					
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Closed System Purge and Trap	TAL NC		SW846 5035
Chromium, Hexavalent	TAL NC	SW846 7196A	
Alkaline Digestion (Chromium, Hexavalent)	TAL NC		SW846 3060A
Percent Moisture	TAL NC	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Purge and Trap	TAL NC		SW846 5030B
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Purge and Trap	TAL NC		SW846 5030B

Lab References:

TAL NC = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Method	Analyst	Analyst ID
SW846 8260B/DoD	Quayle, Rick	RQ
SW846 8015B	Bosworth, Heather M	HMB
SW846 7196A	Grossman, Lucas	LG
EPA Moisture	Harshman, Tom	TH

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Client Sample ID: **070-0060-0001-TB**

Lab Sample ID: 240-18735-7 Date Sampled: 12/12/2012 0800
Client Matrix: Water Date Received: 12/12/2012 1707

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1599.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1637			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1637				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.50	U	0.33	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroform	0.32	J	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	92		85 - 120
1,2-Dichloroethane-d4 (Surr)	95		70 - 120
4-Bromofluorobenzene (Surr)	89		75 - 120
Dibromofluoromethane (Surr)	104		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Client Sample ID: **070SB-0042M-0001-SO**

Lab Sample ID: 240-18735-1 Date Sampled: 12/12/2012 1030
Client Matrix: Solid % Moisture: 15.1 Date Received: 12/12/2012 1707

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	5.999 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0733			Injection Volume:	
Prep Date:	12/12/2012 2210			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		49	U	45	98

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	43		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Client Sample ID: **070SB-0055-0001-TB**

Lab Sample ID: 240-18735-2 Date Sampled: 12/12/2012 0800
Client Matrix: Water Date Received: 12/12/2012 1707

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1541			Injection Volume:	
Prep Date:	12/22/2012 1541			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	37	J	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	86		10 - 150

General Chemistry

Client Sample ID: **070SB-0042M-0001-SO**

Lab Sample ID: 240-18735-1 Date Sampled: 12/12/2012 1030

Client Matrix: Solid Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0119-0001-SO**

Lab Sample ID: 240-18735-8 Date Sampled: 12/11/2012 0910
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.91	U	mg/Kg	0.31	0.91	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1253						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0120-0001-SO**

Lab Sample ID: 240-18735-9 Date Sampled: 12/11/2012 1120
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.34	J	mg/Kg	0.31	0.91	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1254						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0121-0001-SO**

Lab Sample ID: 240-18735-10 Date Sampled: 12/11/2012 1050
Client Matrix: Solid % Moisture: 11.1 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.90	U	mg/Kg	0.30	0.90	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1257						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0122-0001-SO**

Lab Sample ID: 240-18735-11 Date Sampled: 12/11/2012 0930

Client Matrix: Solid % Moisture: 15.1 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.94	U	mg/Kg	0.32	0.94	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1257						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0123-0001-SO**

Lab Sample ID: 240-18735-12 Date Sampled: 12/11/2012 0950

Client Matrix: Solid % Moisture: 13.5 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.92	U	mg/Kg	0.31	0.92	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1311						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0124-0001-SO**

Lab Sample ID: 240-18735-13 Date Sampled: 12/11/2012 1015
Client Matrix: Solid % Moisture: 13.5 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.92	U	mg/Kg	0.31	0.92	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1311						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0125-0001-SO**

Lab Sample ID: 240-18735-14 Date Sampled: 12/12/2012 1015

Client Matrix: Solid % Moisture: 8.7 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.88	U	mg/Kg	0.30	0.88	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1315						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	8.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0126-0001-SO**

Lab Sample ID: 240-18735-15 Date Sampled: 12/11/2012 1555
Client Matrix: Solid % Moisture: 9.7 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.31	J	mg/Kg	0.30	0.89	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1317						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	9.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0127-0001-SO**

Lab Sample ID: 240-18735-16 Date Sampled: 12/11/2012 1555
Client Matrix: Solid % Moisture: 10.1 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.89	U	mg/Kg	0.30	0.89	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1318						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0128-0001-SO**

Lab Sample ID: 240-18735-17 Date Sampled: 12/11/2012 1520

Client Matrix: Solid % Moisture: 9.5 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.88	U	mg/Kg	0.30	0.88	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1326						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	9.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0129-0001-SO**

Lab Sample ID: 240-18735-18 Date Sampled: 12/11/2012 1450

Client Matrix: Solid % Moisture: 10.1 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.89	U	mg/Kg	0.30	0.89	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1330						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0130-0001-SO**

Lab Sample ID: 240-18735-19 Date Sampled: 12/12/2012 1049

Client Matrix: Solid % Moisture: 8.6 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.88	U	mg/Kg	0.30	0.88	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1333						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	8.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0131-0001-SO**

Lab Sample ID: 240-18735-20 Date Sampled: 12/12/2012 1124
Client Matrix: Solid % Moisture: 8.5 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.87	U	mg/Kg	0.29	0.87	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1334						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	92		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	8.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0132-0001-SO**

Lab Sample ID: 240-18735-21 Date Sampled: 12/11/2012 1225
Client Matrix: Solid % Moisture: 19.0 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.99	U	mg/Kg	0.33	0.99	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1337						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0133-0001-SO**

Lab Sample ID: 240-18735-22 Date Sampled: 12/11/2012 1225
Client Matrix: Solid % Moisture: 18.8 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.39	J	mg/Kg	0.33	0.98	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1338						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0134-0001-SO**

Lab Sample ID: 240-18735-23 Date Sampled: 12/11/2012 1315
Client Matrix: Solid % Moisture: 11.6 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.37	J	mg/Kg	0.31	0.91	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1343						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0135-0001-SO**

Lab Sample ID: 240-18735-24 Date Sampled: 12/11/2012 1340

Client Matrix: Solid % Moisture: 13.2 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.92	U	mg/Kg	0.31	0.92	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1343						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0136-0001-SO**

Lab Sample ID: 240-18735-25 Date Sampled: 12/11/2012 1410
Client Matrix: Solid % Moisture: 13.5 Date Received: 12/12/2012 1707

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Cr (VI)	0.92	U	mg/Kg	0.31	0.92	1.0	7196A
Analysis Batch: 240-70884	Analysis Date: 01/02/2013 1347						DryWt Corrected: Y
Prep Batch: 240-70771	Prep Date: 12/31/2012 1331						
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-69591/5		99	88	97	97
MRL 240-69591/18		98	92	99	101

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-18735-7	070-0060-0001-TB	104	95	92	89
MB 240-69591/6		99	91	95	91
LCS 240-69591/4		98	90	98	107

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-18735-1	070SB-0042M-0001-SO	43
MB 240-69738/52		89
LCS 240-69738/53		101
240-18735-1 MS	070SB-0042M-0001-SO MS	63
240-18735-1 MSD	070SB-0042M-0001-SO MSD	64

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
MRL 240-69738/51		85
MRL 240-69738/76		84

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-18735-2	070SB-0055-0001-TB	86
MB 240-69738/36		76
LCS 240-69738/37		92

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT1 %Rec
MRL 240-69738/35		85

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Method Blank - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MB 240-69591/6	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1590.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1305	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1305				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.50	U	0.33	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	85 - 120
1,2-Dichloroethane-d4 (Surr)	91	70 - 120
4-Bromofluorobenzene (Surr)	91	75 - 120
Dibromofluoromethane (Surr)	99	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Lab Control Sample - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	LCS 240-69591/4	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1588.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1221	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1221				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	9.73	97	65 - 130	
1,1,2,2-Tetrachloroethane	10.0	8.20	82	65 - 130	
1,1,2-Trichloroethane	10.0	9.41	94	75 - 125	
1,1-Dichloroethane	10.0	9.80	98	70 - 135	
1,1-Dichloroethene	10.0	9.70	97	70 - 130	
1,2-Dichloroethane	10.0	9.38	94	70 - 130	
1,2-Dichloropropane	10.0	9.91	99	75 - 125	
2-Butanone (MEK)	20.0	18.0	90	30 - 150	
2-Hexanone	20.0	17.6	88	55 - 130	
4-Methyl-2-pentanone (MIBK)	20.0	19.8	99	60 - 135	
Acetone	20.0	20.6	103	40 - 140	
Benzene	10.0	9.74	97	80 - 120	
Bromoform	10.0	8.65	86	70 - 130	
Bromomethane	10.0	8.59	86	30 - 145	
Carbon disulfide	10.0	10.2	102	35 - 160	
Carbon tetrachloride	10.0	9.96	100	65 - 140	
Chlorobenzene	10.0	9.56	96	80 - 120	
Chloromethane	10.0	8.62	86	40 - 125	
cis-1,3-Dichloropropene	10.0	9.52	95	70 - 130	
Dibromochloromethane	10.0	9.25	92	60 - 135	
Bromodichloromethane	10.0	9.81	98	75 - 120	
Ethylbenzene	10.0	9.95	100	75 - 125	
Methyl tert-butyl ether	10.0	9.55	96	65 - 125	
Methylene Chloride	10.0	9.92	99	55 - 140	
Styrene	10.0	10.1	101	65 - 135	
Tetrachloroethene	10.0	9.89	99	45 - 150	
Toluene	10.0	9.48	95	75 - 120	
trans-1,3-Dichloropropene	10.0	8.78	88	55 - 140	
Trichloroethene	10.0	10.2	102	70 - 125	
Vinyl chloride	10.0	8.84	88	50 - 145	
Xylenes, Total	30.0	30.2	101	75 - 130	
Chloroform	10.0	9.19	92	65 - 135	
Bromochloromethane	10.0	9.74	97	65 - 130	
Chloroethane	10.0	9.33	93	60 - 135	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	85 - 120
1,2-Dichloroethane-d4 (Surr)	90	70 - 120
4-Bromofluorobenzene (Surr)	107	75 - 120
Dibromofluoromethane (Surr)	98	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Method Reporting Limit Check - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-69591/5	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1589.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1243	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1243				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00100	0.000965	97	70 - 130	J
1,1,2,2-Tetrachloroethane	0.00100	0.000928	93	70 - 130	J
1,1,2-Trichloroethane	0.00100	0.000894	89	70 - 130	J
1,1-Dichloroethane	0.00100	0.000865	86	70 - 130	J
1,1-Dichloroethene	0.00100	0.000938	94	70 - 130	J
1,2-Dichloroethane	0.00100	0.000901	90	70 - 130	J
1,2-Dichloropropane	0.00100	0.000908	91	70 - 130	J
2-Butanone (MEK)	0.0100	0.00922	92	70 - 130	J
2-Hexanone	0.0100	0.00828	83	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00899	90	70 - 130	J
Acetone	0.0100	0.00910	91	70 - 130	J
Benzene	0.00100	0.000979	98	70 - 130	J
Bromoform	0.00100	0.000679	68	70 - 130	J ^
Bromomethane	0.00100	0.00103	103	70 - 130	
Carbon disulfide	0.00100	0.00102	102	70 - 130	
Carbon tetrachloride	0.00100	0.000896	90	70 - 130	J
Chlorobenzene	0.00100	0.000910	91	70 - 130	J
Chloromethane	0.00100	0.000961	96	70 - 130	J
cis-1,3-Dichloropropene	0.00100	0.000779	78	70 - 130	J
Dibromochloromethane	0.00100	0.000754	75	70 - 130	J
Bromodichloromethane	0.00100	0.000865	86	70 - 130	J
Ethylbenzene	0.00100	0.000799	80	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000889	89	70 - 130	J
Methylene Chloride	0.00100	0.00105	105	70 - 130	
Styrene	0.00100	0.000737	74	70 - 130	J
Tetrachloroethene	0.00100	0.000980	98	70 - 130	J
Toluene	0.00100	0.000959	96	70 - 130	J
trans-1,3-Dichloropropene	0.00100	0.000696	70	70 - 130	J
Trichloroethene	0.00100	0.000960	96	70 - 130	J
Vinyl chloride	0.00100	0.000959	96	70 - 130	J
Xylenes, Total	0.00300	0.00253	84	70 - 130	
Chloroform	0.00100	0.000918	92	70 - 130	J
Bromochloromethane	0.00100	0.000922	92	70 - 130	J
Chloroethane	0.00100	0.000981	98	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	97	50 - 150
1,2-Dichloroethane-d4 (Surr)	88	50 - 150
4-Bromofluorobenzene (Surr)	97	50 - 150
Dibromofluoromethane (Surr)	99	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Method Reporting Limit Check - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-69591/18	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1602.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1742	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1742				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00100	0.000975	98	70 - 130	J
1,1,2,2-Tetrachloroethane	0.00100	0.000914	91	70 - 130	J
1,1,2-Trichloroethane	0.00100	0.000955	96	70 - 130	J
1,1-Dichloroethane	0.00100	0.000967	97	70 - 130	J
1,1-Dichloroethene	0.00100	0.000977	98	70 - 130	J
1,2-Dichloroethane	0.00100	0.00101	101	70 - 130	
1,2-Dichloropropane	0.00100	0.000992	99	70 - 130	J
2-Butanone (MEK)	0.0100	0.00903	90	70 - 130	J
2-Hexanone	0.0100	0.00856	86	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00853	85	70 - 130	J
Acetone	0.0100	0.00944	94	70 - 130	J
Benzene	0.00100	0.00101	101	70 - 130	
Bromoform	0.00100	0.000816	82	70 - 130	J
Bromomethane	0.00100	0.00119	119	70 - 130	
Carbon disulfide	0.00100	0.00103	103	70 - 130	
Carbon tetrachloride	0.00100	0.000881	88	70 - 130	J
Chlorobenzene	0.00100	0.000975	98	70 - 130	J
Chloromethane	0.00100	0.00109	109	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.000806	81	70 - 130	J
Dibromochloromethane	0.00100	0.000871	87	70 - 130	J
Bromodichloromethane	0.00100	0.000940	94	70 - 130	J
Ethylbenzene	0.00100	0.000912	91	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000923	92	70 - 130	J
Methylene Chloride	0.00100	0.000617	62	70 - 130	J ^
Styrene	0.00100	0.000787	79	70 - 130	J
Tetrachloroethene	0.00100	0.000921	92	70 - 130	J
Toluene	0.00100	0.00100	100	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.000735	74	70 - 130	J
Trichloroethene	0.00100	0.00104	104	70 - 130	
Vinyl chloride	0.00100	0.00107	107	70 - 130	
Xylenes, Total	0.00300	0.00250	83	70 - 130	
Chloroform	0.00100	0.000952	95	70 - 130	J
Bromochloromethane	0.00100	0.00106	106	70 - 130	
Chloroethane	0.00100	0.00118	118	70 - 130	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	50 - 150
1,2-Dichloroethane-d4 (Surr)	92	50 - 150
4-Bromofluorobenzene (Surr)	101	50 - 150
Dibromofluoromethane (Surr)	98	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Method Blank - Batch: 240-69738 **Method: 8015B**
Preparation: 5030B

Lab Sample ID:	MB 240-69738/36	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 0846			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	50	U	25	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	76	10 - 150

Method Blank - Batch: 240-69738 **Method: 8015B**
Preparation: N/A

Lab Sample ID:	MB 240-69738/52	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122152.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/22/2012 1853	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	50	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	89	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Method Reporting Limit Check - Batch: 240-69738

Method: 8015B
Preparation: 5030B

Lab Sample ID:	MRL 240-69738/35	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122135.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 0808	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 0808			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	78.6	79	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	85	70 - 130

Lab Control Sample - Batch: 240-69738

Method: 8015B
Preparation: 5030B

Lab Sample ID:	LCS 240-69738/37	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122137.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 0924	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 0924			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	830	104	72 - 140	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	92	10 - 150

Method Reporting Limit Check - Batch: 240-69738

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69738/51	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122151.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1814	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	115	115	70 - 130	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	85	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Lab Control Sample - Batch: 240-69738

Method: 8015B
Preparation: N/A

Lab Sample ID:	LCS 240-69738/53	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122153.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/22/2012 1932	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	965	121	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	101	10 - 150

Method Reporting Limit Check - Batch: 240-69738

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69738/76	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122176.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/23/2012 1005	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	83.6	84	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	84	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69885

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	240-18735-1	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69885	Lab File ID:	YF122173.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	6.126 g
Analysis Date:	12/23/2012 0810			Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 2210			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-18735-1	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69885	Lab File ID:	YF122174.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	6.092 g
Analysis Date:	12/23/2012 0849			Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 2210			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C12	64	60	10 - 142	5	94		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	63	64	10 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69885

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	240-18735-1	Units:	ug/Kg	MSD Lab Sample ID:	240-18735-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/23/2012 0810			Analysis Date:	12/23/2012 0849
Prep Date:	12/12/2012 2210			Prep Date:	12/12/2012 2210
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C12	49	U	769	773	491	466

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Method Blank - Batch: 240-70771

Method: 7196A
Preparation: 3060A

Lab Sample ID:	MB 240-70771/9-A	Analysis Batch:	240-70884	Instrument ID:	ERNIE-CR
Client Matrix:	Solid	Prep Batch:	240-70771	Lab File ID:	70771.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.5 g
Analysis Date:	01/02/2013 0000	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/31/2012 1331				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Cr (VI)	0.80	U	0.27	0.80

Lab Control Sample Insoluble - Batch: 240-70771

Method: 7196A
Preparation: 3060A

Lab Sample ID:	LCSI 240-70771/11-A	Analysis Batch:	240-70884	Instrument ID:	ERNIE-CR
Client Matrix:	Solid	Prep Batch:	240-70771	Lab File ID:	70771.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.5 g
Analysis Date:	01/02/2013 0000	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/31/2012 1331				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cr (VI)	643	690	107	75 - 125	

Lab Control Sample Soluble - Batch: 240-70771

Method: 7196A
Preparation: 3060A

Lab Sample ID:	LCSS 240-70771/10-A	Analysis Batch:	240-70884	Instrument ID:	ERNIE-CR
Client Matrix:	Solid	Prep Batch:	240-70771	Lab File ID:	70771.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.5 g
Analysis Date:	01/02/2013 0000	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/31/2012 1331				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cr (VI)	20.0	20.6	103	90 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Duplicate - Batch: 240-70771

Method: 7196A
Preparation: 3060A

Lab Sample ID:	240-18735-14	Analysis Batch:	240-70884	Instrument ID:	ERNIE-CR
Client Matrix:	Solid	Prep Batch:	240-70771	Lab File ID:	70771.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.5 g
Analysis Date:	01/02/2013 1314	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/31/2012 1331				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cr (VI)	0.88	U	0.86	NC		U

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Duplicate - Batch: 240-68573 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18735-1	Analysis Batch:	240-68573	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/13/2012 1213	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	85	87	2	20	
Percent Moisture	15	13	15	20	

Duplicate - Batch: 240-68573 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18735-14	Analysis Batch:	240-68573	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/13/2012 1213	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	91	93	1	20	
Percent Moisture	8.7	7.5	15	20	

Duplicate - Batch: 240-68573 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18735-25	Analysis Batch:	240-68573	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/13/2012 1344	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	87	87	0.2	20	
Percent Moisture	13	13	1	20	

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	^	Instrument related QC exceeds the control limits
	U	Undetected at the Limit of Detection.
GC VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	M	Manual integrated compound.
	U	Undetected at the Limit of Detection.
General Chemistry		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	U	Undetected at the Limit of Detection.

Client: Environmental Chemical Corp. Job Number: 240-18735-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-69591					
LCS 240-69591/4	Lab Control Sample	T	Water	8260B/DoD	
MB 240-69591/6	Method Blank	T	Water	8260B/DoD	
240-18735-7	070-0060-0001-TB	T	Water	8260B/DoD	

Report Basis
T = Total

GC VOA					
Analysis Batch:240-69738					
LCS 240-69738/53	Lab Control Sample	T	Solid	8015B	
MB 240-69738/52	Method Blank	T	Solid	8015B	
LCS 240-69738/37	Lab Control Sample	T	Water	8015B	
MB 240-69738/36	Method Blank	T	Water	8015B	
240-18735-1	070SB-0042M-0001-SO	T	Solid	8015B	240-69885
240-18735-1MS	Matrix Spike	T	Solid	8015B	240-69885
240-18735-1MSD	Matrix Spike Duplicate	T	Solid	8015B	240-69885
240-18735-2	070SB-0055-0001-TB	T	Water	8015B	
Prep Batch: 240-69885					
240-18735-1	070SB-0042M-0001-SO	T	Solid	5035	
240-18735-1MS	Matrix Spike	T	Solid	5035	
240-18735-1MSD	Matrix Spike Duplicate	T	Solid	5035	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18735-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-68573					
240-18735-1	070SB-0042M-0001-SO	T	Solid	Moisture	
240-18735-1DU	Duplicate	T	Solid	Moisture	
240-18735-8	076SB-0119-0001-SO	T	Solid	Moisture	
240-18735-9	076SB-0120-0001-SO	T	Solid	Moisture	
240-18735-10	076SB-0121-0001-SO	T	Solid	Moisture	
240-18735-11	076SB-0122-0001-SO	T	Solid	Moisture	
240-18735-12	076SB-0123-0001-SO	T	Solid	Moisture	
240-18735-13	076SB-0124-0001-SO	T	Solid	Moisture	
240-18735-14	076SB-0125-0001-SO	T	Solid	Moisture	
240-18735-14DU	Duplicate	T	Solid	Moisture	
240-18735-15	076SB-0126-0001-SO	T	Solid	Moisture	
240-18735-16	076SB-0127-0001-SO	T	Solid	Moisture	
240-18735-17	076SB-0128-0001-SO	T	Solid	Moisture	
240-18735-18	076SB-0129-0001-SO	T	Solid	Moisture	
240-18735-19	076SB-0130-0001-SO	T	Solid	Moisture	
240-18735-20	076SB-0131-0001-SO	T	Solid	Moisture	
240-18735-21	076SB-0132-0001-SO	T	Solid	Moisture	
240-18735-22	076SB-0133-0001-SO	T	Solid	Moisture	
240-18735-23	076SB-0134-0001-SO	T	Solid	Moisture	
240-18735-24	076SB-0135-0001-SO	T	Solid	Moisture	
240-18735-25	076SB-0136-0001-SO	T	Solid	Moisture	
240-18735-25DU	Duplicate	T	Solid	Moisture	

Client: Environmental Chemical Corp. Job Number: 240-18735-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 240-70771					
LCSI 240-70771/11-A	Lab Control Sample Insoluble	T	Solid	3060A	
LCSS 240-70771/10-A	Lab Control Sample Soluble	T	Solid	3060A	
MB 240-70771/9-A	Method Blank	T	Solid	3060A	
240-18735-8	076SB-0119-0001-SO	T	Solid	3060A	
240-18735-9	076SB-0120-0001-SO	T	Solid	3060A	
240-18735-10	076SB-0121-0001-SO	T	Solid	3060A	
240-18735-11	076SB-0122-0001-SO	T	Solid	3060A	
240-18735-12	076SB-0123-0001-SO	T	Solid	3060A	
240-18735-13	076SB-0124-0001-SO	T	Solid	3060A	
240-18735-14	076SB-0125-0001-SO	T	Solid	3060A	
240-18735-14DU	Duplicate	T	Solid	3060A	
240-18735-15	076SB-0126-0001-SO	T	Solid	3060A	
240-18735-16	076SB-0127-0001-SO	T	Solid	3060A	
240-18735-17	076SB-0128-0001-SO	T	Solid	3060A	
240-18735-18	076SB-0129-0001-SO	T	Solid	3060A	
240-18735-19	076SB-0130-0001-SO	T	Solid	3060A	
240-18735-20	076SB-0131-0001-SO	T	Solid	3060A	
240-18735-21	076SB-0132-0001-SO	T	Solid	3060A	
240-18735-22	076SB-0133-0001-SO	T	Solid	3060A	
240-18735-23	076SB-0134-0001-SO	T	Solid	3060A	
240-18735-24	076SB-0135-0001-SO	T	Solid	3060A	
240-18735-25	076SB-0136-0001-SO	T	Solid	3060A	

Client: Environmental Chemical Corp. Job Number: 240-18735-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-70884					
LCSI 240-70771/11-A	Lab Control Sample Insoluble	T	Solid	7196A	240-70771
LCSS 240-70771/10-A	Lab Control Sample Soluble	T	Solid	7196A	240-70771
MB 240-70771/9-A	Method Blank	T	Solid	7196A	240-70771
240-18735-8	076SB-0119-0001-SO	T	Solid	7196A	240-70771
240-18735-9	076SB-0120-0001-SO	T	Solid	7196A	240-70771
240-18735-10	076SB-0121-0001-SO	T	Solid	7196A	240-70771
240-18735-11	076SB-0122-0001-SO	T	Solid	7196A	240-70771
240-18735-12	076SB-0123-0001-SO	T	Solid	7196A	240-70771
240-18735-13	076SB-0124-0001-SO	T	Solid	7196A	240-70771
240-18735-14	076SB-0125-0001-SO	T	Solid	7196A	240-70771
240-18735-14DU	Duplicate	T	Solid	7196A	240-70771
240-18735-15	076SB-0126-0001-SO	T	Solid	7196A	240-70771
240-18735-16	076SB-0127-0001-SO	T	Solid	7196A	240-70771
240-18735-17	076SB-0128-0001-SO	T	Solid	7196A	240-70771
240-18735-18	076SB-0129-0001-SO	T	Solid	7196A	240-70771
240-18735-19	076SB-0130-0001-SO	T	Solid	7196A	240-70771
240-18735-20	076SB-0131-0001-SO	T	Solid	7196A	240-70771
240-18735-21	076SB-0132-0001-SO	T	Solid	7196A	240-70771
240-18735-22	076SB-0133-0001-SO	T	Solid	7196A	240-70771
240-18735-23	076SB-0134-0001-SO	T	Solid	7196A	240-70771
240-18735-24	076SB-0135-0001-SO	T	Solid	7196A	240-70771
240-18735-25	076SB-0136-0001-SO	T	Solid	7196A	240-70771

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Laboratory Chronicle

Lab ID: 240-18735-1 **Client ID: 070SB-0042M-0001-SO**

Sample Date/Time: 12/12/2012 10:30 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18735-B-1-D		240-69738	240-69885	12/12/2012 22:10	1	TAL NC	HMB
A:8015B	240-18735-B-1-D		240-69738	240-69885	12/23/2012 07:33	1	TAL NC	HMB
A:Moisture	240-18735-K-1		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-1 **Client ID: 070SB-0042M-0001-SO**

Sample Date/Time: 12/12/2012 10:30 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18735-B-1-E MS		240-69738	240-69885	12/12/2012 22:10	1	TAL NC	HMB
A:8015B	240-18735-B-1-E MS		240-69738	240-69885	12/23/2012 08:10	1	TAL NC	HMB

Lab ID: 240-18735-1 **Client ID: 070SB-0042M-0001-SO**

Sample Date/Time: 12/12/2012 10:30 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18735-B-1-F MSD		240-69738	240-69885	12/12/2012 22:10	1	TAL NC	HMB
A:8015B	240-18735-B-1-F MSD		240-69738	240-69885	12/23/2012 08:49	1	TAL NC	HMB

Lab ID: 240-18735-1 **Client ID: 070SB-0042M-0001-SO**

Sample Date/Time: 12/12/2012 10:30 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-18735-J-1 DU		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-2 **Client ID: 070SB-0055-0001-TB**

Sample Date/Time: 12/12/2012 08:00 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18735-B-2		240-69738		12/22/2012 15:41	1	TAL NC	HMB
A:8015B	240-18735-B-2		240-69738		12/22/2012 15:41	1	TAL NC	HMB

Lab ID: 240-18735-7 **Client ID: 070-0060-0001-TB**

Sample Date/Time: 12/12/2012 08:00 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18735-A-7		240-69591		12/20/2012 16:37	1	TAL NC	RQ
A:8260B/DoD	240-18735-A-7		240-69591		12/20/2012 16:37	1	TAL NC	RQ

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Laboratory Chronicle

Lab ID: 240-18735-8 **Client ID: 076SB-0119-0001-SO**

Sample Date/Time: 12/11/2012 09:10 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-8-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-8-A		240-70884	240-70771	01/02/2013 12:53	1	TAL NC	LG
A:Moisture	240-18735-A-8		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18735-9 **Client ID: 076SB-0120-0001-SO**

Sample Date/Time: 12/11/2012 11:20 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-9-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-9-A		240-70884	240-70771	01/02/2013 12:54	1	TAL NC	LG
A:Moisture	240-18735-A-9		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-10 **Client ID: 076SB-0121-0001-SO**

Sample Date/Time: 12/11/2012 10:50 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-10-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-10-A		240-70884	240-70771	01/02/2013 12:57	1	TAL NC	LG
A:Moisture	240-18735-A-10		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-11 **Client ID: 076SB-0122-0001-SO**

Sample Date/Time: 12/11/2012 09:30 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-11-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-11-A		240-70884	240-70771	01/02/2013 12:57	1	TAL NC	LG
A:Moisture	240-18735-A-11		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-12 **Client ID: 076SB-0123-0001-SO**

Sample Date/Time: 12/11/2012 09:50 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-12-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-12-A		240-70884	240-70771	01/02/2013 13:11	1	TAL NC	LG
A:Moisture	240-18735-A-12		240-68573		12/13/2012 12:13	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18735-1

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Lab ID: 240-18735-13 **Client ID: 076SB-0124-0001-SO**

Sample Date/Time: 12/11/2012 10:15 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-13-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-13-A		240-70884	240-70771	01/02/2013 13:11	1	TAL NC	LG
A:Moisture	240-18735-A-13		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-14 **Client ID: 076SB-0125-0001-SO**

Sample Date/Time: 12/12/2012 10:15 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-C-14-B		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-C-14-B		240-70884	240-70771	01/02/2013 13:15	1	TAL NC	LG
A:Moisture	240-18735-B-14		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-14 **Client ID: 076SB-0125-0001-SO**

Sample Date/Time: 12/12/2012 10:15 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-C-14-A DU		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-C-14-A DU		240-70884	240-70771	01/02/2013 13:14	1	TAL NC	LG
A:Moisture	240-18735-A-14 DU		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-15 **Client ID: 076SB-0126-0001-SO**

Sample Date/Time: 12/11/2012 15:55 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-15-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-15-A		240-70884	240-70771	01/02/2013 13:17	1	TAL NC	LG
A:Moisture	240-18735-A-15		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-16 **Client ID: 076SB-0127-0001-SO**

Sample Date/Time: 12/11/2012 15:55 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-16-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-16-A		240-70884	240-70771	01/02/2013 13:18	1	TAL NC	LG
A:Moisture	240-18735-A-16		240-68573		12/13/2012 12:13	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18735-1

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Lab ID: 240-18735-17 **Client ID: 076SB-0128-0001-SO**

Sample Date/Time: 12/11/2012 15:20 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-17-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-17-A		240-70884	240-70771	01/02/2013 13:26	1	TAL NC	LG
A:Moisture	240-18735-A-17		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-18 **Client ID: 076SB-0129-0001-SO**

Sample Date/Time: 12/11/2012 14:50 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-18-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-18-A		240-70884	240-70771	01/02/2013 13:30	1	TAL NC	LG
A:Moisture	240-18735-A-18		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-19 **Client ID: 076SB-0130-0001-SO**

Sample Date/Time: 12/12/2012 10:49 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-19-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-19-A		240-70884	240-70771	01/02/2013 13:33	1	TAL NC	LG
A:Moisture	240-18735-A-19		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-20 **Client ID: 076SB-0131-0001-SO**

Sample Date/Time: 12/12/2012 11:24 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-20-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-20-A		240-70884	240-70771	01/02/2013 13:34	1	TAL NC	LG
A:Moisture	240-18735-A-20		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-21 **Client ID: 076SB-0132-0001-SO**

Sample Date/Time: 12/11/2012 12:25 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-21-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-21-A		240-70884	240-70771	01/02/2013 13:37	1	TAL NC	LG
A:Moisture	240-18735-A-21		240-68573		12/13/2012 12:13	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Laboratory Chronicle

Lab ID: 240-18735-22 **Client ID: 076SB-0133-0001-SO**

Sample Date/Time: 12/11/2012 12:25 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-22-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-22-A		240-70884	240-70771	01/02/2013 13:38	1	TAL NC	LG
A:Moisture	240-18735-A-22		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-23 **Client ID: 076SB-0134-0001-SO**

Sample Date/Time: 12/11/2012 13:15 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-23-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-23-A		240-70884	240-70771	01/02/2013 13:43	1	TAL NC	LG
A:Moisture	240-18735-A-23		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-24 **Client ID: 076SB-0135-0001-SO**

Sample Date/Time: 12/11/2012 13:40 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-24-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-24-A		240-70884	240-70771	01/02/2013 13:43	1	TAL NC	LG
A:Moisture	240-18735-A-24		240-68573		12/13/2012 12:13	1	TAL NC	TH

Lab ID: 240-18735-25 **Client ID: 076SB-0136-0001-SO**

Sample Date/Time: 12/11/2012 14:10 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3060A	240-18735-B-25-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	240-18735-B-25-A		240-70884	240-70771	01/02/2013 13:47	1	TAL NC	LG
A:Moisture	240-18735-A-25		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18735-25 DU **Client ID: 076SB-0136-0001-SO**

Sample Date/Time: 12/11/2012 14:10 Received Date/Time: 12/12/2012 17:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-18735-A-25 DU		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18735-1

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 240-69591/6		240-69591		12/20/2012 13:05	1	TAL NC	RQ
A:8260B/DoD	MB 240-69591/6		240-69591		12/20/2012 13:05	1	TAL NC	RQ
P:5030B	MB 240-69738/36		240-69738		12/22/2012 08:46	1	TAL NC	HMB
A:8015B	MB 240-69738/36		240-69738		12/22/2012 08:46	1	TAL NC	HMB
A:8015B	MB 240-69738/52		240-69738		12/22/2012 18:53	1	TAL NC	HMB
P:3060A	MB 240-70771/9-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	MB 240-70771/9-A		240-70884	240-70771	01/02/2013 00:00	1	TAL NC	LG

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 240-69591/4		240-69591		12/20/2012 12:21	1	TAL NC	RQ
A:8260B/DoD	LCS 240-69591/4		240-69591		12/20/2012 12:21	1	TAL NC	RQ
P:5030B	LCS 240-69738/37		240-69738		12/22/2012 09:24	1	TAL NC	HMB
A:8015B	LCS 240-69738/37		240-69738		12/22/2012 09:24	1	TAL NC	HMB
A:8015B	LCS 240-69738/53		240-69738		12/22/2012 19:32	1	TAL NC	HMB

Lab ID: MRL **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	MRL 240-69591/5		240-69591		12/20/2012 12:43	1	TAL NC	RQ
A:8260B/DoD	MRL 240-69591/5		240-69591		12/20/2012 12:43	1	TAL NC	RQ
P:5030B	MRL 240-69591/18		240-69591		12/20/2012 17:42	1	TAL NC	RQ
A:8260B/DoD	MRL 240-69591/18		240-69591		12/20/2012 17:42	1	TAL NC	RQ
P:5030B	MRL 240-69738/35		240-69738		12/22/2012 08:08	1	TAL NC	HMB
A:8015B	MRL 240-69738/35		240-69738		12/22/2012 08:08	1	TAL NC	HMB
A:8015B	MRL 240-69738/51		240-69738		12/22/2012 18:14	1	TAL NC	HMB
A:8015B	MRL 240-69738/76		240-69738		12/23/2012 10:05	1	TAL NC	HMB

Lab ID: LCSI **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:3060A	LCSI 240-70771/11-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
P:3060A	LCSS 240-70771/10-A		240-70884	240-70771	12/31/2012 13:31	1	TAL NC	CN
A:7196A	LCSI 240-70771/11-A		240-70884	240-70771	01/02/2013 00:00	1	TAL NC	LG
A:7196A	LCSS 240-70771/10-A		240-70884	240-70771	01/02/2013 00:00	1	TAL NC	LG

Client: Environmental Chemical Corp. Job Number: 240-18735-1

Laboratory Chronicle

Lab References:
TAL NC = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VGGASCAL_00021	11/03/12	08/03/12	MEOH, Lot 117046	50 mL	VGGASDIL_00006	500 uL	C6-C10	100 ug/mL
							C6-C12	100 ug/mL
.VGGASDIL_00006	12/28/12	06/28/12	MEOH, Lot 117046	50 mL	VGGASSTOCK_00013	0.5 g	C6-C10	10000 ug/mL
							C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13	ULTRA SCIENTIFIC, Lot S-0681W			(Purchased Reagent)		C6-C10	1 g/g
							C6-C12	1 g/g
VGGASCAL_00022	12/28/12	10/31/12	MEOH, Lot 123279	50 mL	VGGASDIL_00006	500 uL	C6-C12	100 ug/mL
.VGGASDIL_00006	12/28/12	06/28/12	MEOH, Lot 117046	50 mL	VGGASSTOCK_00013	0.5 g	C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13	ULTRA SCIENTIFIC, Lot S-0681W			(Purchased Reagent)		C6-C12	1 g/g
VGGASCHK_00019	10/27/12	07/27/12	MEOH, Lot 115869	50 mL	VGGASCHKSTK_00016	1 mL	C6-C12	100 ug/mL
.VGGASCHKSTK_00016	04/05/15	ACCU STANDARD, Lot B5040009			(Purchased Reagent)		C6-C12	5 mg/mL
VGGASCHK_00025	03/14/13	12/14/12	MEOH, Lot 123279	50 mL	VGGASCHKSTK_00020	1 mL	C6-C12	100 ug/mL
.VGGASCHKSTK_00020	04/05/15	ACCU STANDARD, Lot B5040009			(Purchased Reagent)		C6-C12	5 mg/mL
VGGASURROGATE_00014	12/05/12	06/05/12	MEOH, Lot 51304	50 mL	VGSURRSTKGAS_00012	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00012	07/31/14	ULTRA SCIENTIFIC, Lot CE-1903A			(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VGGASURROGATE_00017	03/12/13	12/12/12	MEOH, Lot 123279	50 mL	VGSURRSTKGAS_00014	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00014	07/31/14	ULTRA SCIENTIFIC, Lot CE-1903A			(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VM50IS_00023	01/22/13	10/22/12	MEOH, Lot 123279	50 mL	VMSTM520_00016	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.VMSTM520_00016	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_00089	12/17/12	12/10/12	MEOH, Lot na	2 mL	vm50ss_stk_00044	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_00044	03/04/13	12/04/12	MEOH, Lot 123279	50 mL	VMstm530_00016	1 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
..VMstm530_00016	05/31/15	Ultra Scientific, Lot CJ-1280			(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_00043	02/12/13	11/12/12	MEOH, Lot 123279	50 mL	VMstm530_00016	1 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
.VMstm530_00016	05/31/15	Ultra Scientific, Lot CJ-1280			(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
VMCGAS_00100	12/17/12	12/10/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15		ULTRA, Lot CJ-0858		(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
VMCGAS_00101	12/21/12	12/14/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15		ULTRA, Lot CJ-0858		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASWS_00121	12/17/12	12/10/12	MEOH, Lot na	3 mL	VMFAS_00033	3 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							Bromochloromethane	25 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
.VMFAS_00033	12/20/12	11/20/12	MEOH, Lot 123279	100 mL	VM48799U_00012	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM861149_00017	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
..VM48799U_00012	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00017	11/30/13		Supelco, Lot LB85301		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMFASWS_00122	12/20/12	12/14/12	MEOH, Lot na	3 mL	VMFAS_00033	3 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							Bromochloromethane	25 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
.VMFAS_00033	12/20/12	11/20/12	MEOH, Lot 123279	100 mL	VM48799U_00012	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00017	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
..VM48799U_00012	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00017	11/30/13		Supelco, Lot LB85301		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMPRIMARY_00154	12/17/12	12/10/12	MEOH, Lot na	1 mL	VMCUS7814_00019	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-trifluoroethane	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-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	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	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	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

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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 methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	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	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	150 ug/mL
.VMCUS7814_00019	02/28/14		Ultra Scientific, Lot CJ-0210		(Purchased Reagent)		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-trifluoroethane	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-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	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	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	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
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	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	50 ug/mL
							Toluene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	150 ug/mL
VMPRIMARY_00155	12/21/12	12/14/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 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-Dibromoethane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromochloromethane	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
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl tert-butyl ether	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
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14	Ultra Scientific, Lot CJ-0210			(Purchased Reagent)		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-Dibromoethane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromochloromethane	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
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl tert-butyl ether	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
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMSUPPW_00104	12/17/12	12/10/12	MEOH, Lot na	1 mL	VMSUPP_00018	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Methyl acetate	50 ug/mL
							Vinyl acetate	50 ug/mL
							Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
.VMSUPP_00018	01/31/13	09/27/12	MEOH, Lot 123279	50 mL	VM30006_00004	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VMCU5013_00008	1 mL	Methyl acetate	50 ug/mL
							Vinyl acetate	50 ug/mL
					VMCUS8634_00007	1 mL	Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
					VMEPA1016_00003	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
..VM30006_00004	11/30/13	Restek, Lot A076449			(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
..VMCU5013_00008	01/31/13	Ultra, Lot CJ-3443			(Purchased Reagent)		Methyl acetate	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	2500 ug/mL
..VMCUS8634_00007	01/31/13		Ultra, Lot CJ-3453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Acrolein	25000 ug/mL
							Acrylonitrile	5000 ug/mL
..VMEPA1016_00003	04/30/13		Ultra, Lot CG-0850		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
VMSUPPW_00105	12/21/12	12/14/12	MEOH, Lot na	1 mL	VMSUPP_00018	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
.VMSUPP_00018	01/31/13	09/27/12	MEOH, Lot 123279	50 mL	VM30006_00004	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
..VM30006_00004	11/30/13		Restek, Lot A076449		(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
WCCHROME50PM2_00010	05/19/13	11/19/12	DIWATER, Lot 11/19/12	1000 mL	WCCHROMSTOCK2_00001	0.1414 g	Cr (VI)	49.9764 mg/L
							Potassium Dichromate	141.4 mg/L
.WCCHROMSTOCK2_00001	12/14/14		FISHER, Lot 085767a		(Purchased Reagent)		Cr (VI)	0.35344 g/g
							Potassium Dichromate	1 g/g
WCCHROME50PPM_00009	05/19/13	11/19/12	DIWATER, Lot 11/19/12	1000 mL	WCCHROMSTOCK1_00002	0.1414 g	Cr (VI)	49.9764 mg/L
							Potassium Dichromate	141.4 mg/L
.WCCHROMSTOCK1_00002	10/14/15		FISHER, Lot 094236		(Purchased Reagent)		Cr (VI)	0.35344 g/g
							Potassium Dichromate	1 g/g
WCPBCHROMATE_00004	01/30/17		FISHER, Lot 083960		(Purchased Reagent)		Cr (VI)	0.1608 g/g
							Lead (II) Chromate	1 g/g

125 Market Street
New Haven, CT 06513
USA

Exhibit 8/27/12

AccuStandard® Inc.

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CERTIFICATE OF ANALYSIS

CATALOG NO: AK-101.0-GCS-BTEX
DESCRIPTION: Gasoline Calibration Standard
LOT: B5040009
SOLVENT: Methanol

EXPIRATION: Apr 5 , 2015
DATE CERTIFIED: Apr 5, 2005
SAMPLE SIZE: disc.
STORAGE CONDITION: Ambient
HAZARDS: HIGHLY FLAMMABLE

Refer to the MSDS for additional safety information

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	Cas Number	Purity % (GC/FID)	Prepared Concentration[1] %w/v	Certified Analyte Concentration[2] %w/v
Benzene	71-43-2	0.006	0.008	.000
Toluene	108-88-3	0.027	0.034	.000
Ethylbenzene	100-41-4	0.006	0.008	.000
m+p-Xylene	N/A	0.023	0.029	.000
o-Xylene	95-47-6	0.009	0.012	.000

5 Components

Premium, Regular leaded, and Regular unleaded gasoline mix. The BTEX concentrations were determined analytically.

1. All weights are traceable through NIST, Test No. 822/254480
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±6%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

Certified by: R. Cooper
Russ Cooper, QC Manager

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

OR-ORG/INO-001
Rev. 7/11

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

Reid 7/6/12

BTEX in Gasoline

Product Number: BTX-3000 **Page:** 1 of 1

Lot Number: S-0681W **Lot Issue Date:** Sep-2010 **Expiration Date:** Oct-2013

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
tert-butylmethyl ether	001634-04-4	100	108511 ± 543 µg/mL
benzene	000071-43-2	100	5456 ± 27 µg/mL
toluene	000108-88-3	100	23472 ± 117 µg/mL
ethylbenzene	000100-41-4	100	7802 ± 39 µg/mL
o-xylene	000095-47-6	100	9803 ± 49 µg/mL
m/p-xylenes	001330-20-7	100	23364 ± 117 µg/mL
isopropylbenzene	000098-82-8	100	830.1 ± 4.2 µg/mL
naphthalene	000091-20-3	100	1904 ± 10 µg/mL

Matrix: gasoline

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. 0851-01

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

3/15/11
TS

RESTEK

Certificate of Analysis

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

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 30006 **Lot No.:** A076449

Description : VOA Calibration Mix #1

Expiration Date[1]**:** November 2013 **Storage:** Freezer

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Acetone	67-64-1	99%	5,000.000 ug/ml	+/-0.58 %
2	2-Butanone (MEK)	78-93-3	99%	5,000.000 ug/ml	+/-0.58 %
3	4-Methyl-2-pentanone (MIBK)	108-10-1	99%	5,000.000 ug/ml	+/-0.58 %
4	2-Hexanone	591-78-6	99%	5,000.000 ug/ml	+/-0.58 %
Solvent:	P&T Methanol/Water (90:10)	67-56-1/7732-18-5	99%		

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

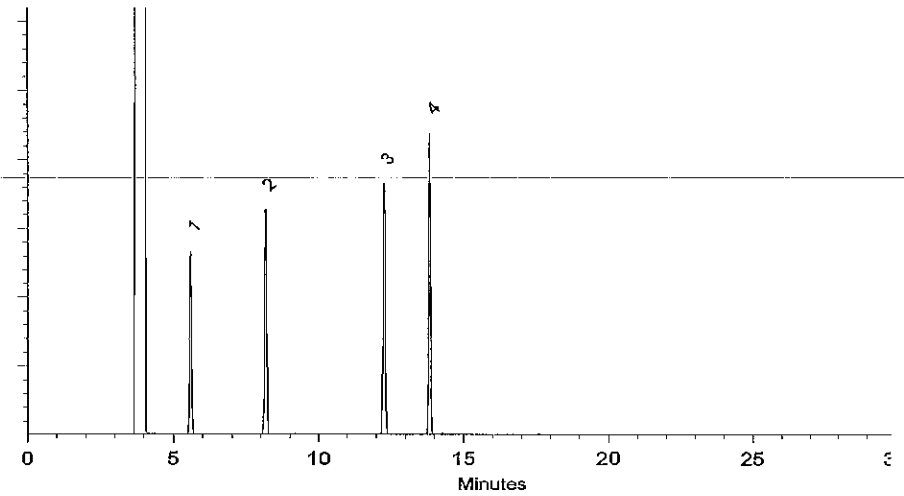
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



Sara Eyster QA Analyst

Date Passed: 25-Aug-2010 **Balance:** 1128353505

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

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Certificate of Analysis

8/23/12 TS

DESCRIPTION: Volatile Organic Compounds Mix 6

CATALOG NO.: 48799-U MFG DATE: Mar-2012

LOT NO.: LB91213 EXPIRATION DATE: Jun-2013

SOLVENT: METHANOL

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4) CONCENTRATION		STD DEV	SUPELCO LOT NO
BROMOMETHANE	74-83-9	99.9 (a)	2000	2041	+/-	35.1	LB68220
CHLOROETHANE	75-00-3	99.9 (a)	2000	2079	+/-	46.9	LB55667
CHLOROMETHANE	74-87-3	99.9	2000	2116	+/-	61.9	LB64986
DICHLORODIFLUOROMETHANE	75-71-8	99.9 (a)	2000	2044	+/-	88.1	LB68837
TRICHLOROFLUOROMETHANE	75-69-4	99.9 (a)	2000	2088	+/-	44.9	LA91320
VINYL CHLORIDE	75-01-4	99.9 (a)	2000	2141	+/-	45.7	LB89571

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) GC; detector HALL

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

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RESTEK

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11/23/11
FS

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 556005 **Lot No.:** A085142

Description : Custom Volatiles Mix 2

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	97%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	1,1-dichloroethene	75-35-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
3	Methyl acetate	79-20-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Carbon disulfide	75-15-0	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
5	Methylene chloride (dichloromethane)	75-09-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
6	Methyl-tert-butyl ether (MTBE)	1634-04-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
7	cis-1,2-Dichloroethene	156-59-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	n-Hexane (C6)	110-54-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloroethane	75-34-3	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
10	trans-1,2-Dichloroethene	156-60-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
11	chloroform	67-66-3	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
12	1,1,1-trichloroethane	71-55-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
13	Cyclohexane	110-82-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	carbon tetrachloride	56-23-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
15	1,2-Dichloroethane	107-06-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
16	Benzene	71-43-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	Trichloroethene	79-01-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
18	Methylcyclohexane	108-87-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
19	1,2-Dichloropropane	78-87-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
20	bromodichloromethane	75-27-4	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
21	cis-1,3-Dichloropropene	10061-01-5	97%	2,500.0 ug/mL	+/- 17.8401 ug/mL
22	Toluene	108-88-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	trans-1,3-Dichloropropene	10061-02-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
24	1,1,2-Trichloroethane	79-00-5	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
25	Tetrachloroethene	127-18-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
26	dibromochloromethane	124-48-1	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
27	1,2-Dibromoethane (EDB)	106-93-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	Chlorobenzene	108-90-7	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
29	Ethylbenzene	100-41-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
30	m-Xylene	108-38-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
31	p-Xylene	106-42-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
32	o-Xylene	95-47-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
33	Styrene	100-42-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL

11/22/11 TS

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 563136 **Lot No.:** A085140

Description : Custom Revised Supplemental Spike Mix

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Diethyl ether (ethyl ether)	60-29-7	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	tert-Butanol (TBA)	75-65-0	99%	50,001.6 ug/mL	+/- 292.755 ug/mL
3	Iodomethane (methyl iodide)	74-88-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Diisopropyl ether (DIPE)	108-20-3	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
5	2,2-Dichloropropane	594-20-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
6	Isobutanol (2-Methyl-1-propanol)	78-83-1	99%	125,004.4 ug/mL	+/- 731.89 ug/mL
7	Bromochloromethane	74-97-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	Tetrahydrofuran	109-99-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloropropene	563-58-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
10	Dibromomethane	74-95-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
11	1,3-Dichloropropane	142-28-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
12	1,1,1,2-Tetrachloroethane	630-20-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
13	1,2,3-Trichloropropane	96-18-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	trans-1,4-dichloro-2-butene	110-57-6	98%	5,008.2 ug/mL	+/- 29.3241 ug/mL
15	n-Propylbenzene	103-65-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
16	Bromobenzene	108-86-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	1,3,5-Trimethylbenzene	108-67-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
18	2-Chlorotoluene	95-49-8	99%	2,501.2 ug/mL	+/- 14.6784 ug/mL
19	4-Chlorotoluene	106-43-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
20	tert-Butylbenzene	98-06-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
21	1,2,4-Trimethylbenzene	95-63-6	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
22	sec-Butylbenzene	135-98-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	4-Isopropyltoluene (p-Cymene)	99-87-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
24	1,2,3-Trimethylbenzene	526-73-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
25	n-Butylbenzene	104-51-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
26	Hexachlorobutadiene	87-68-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
27	Naphthalene	91-20-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	1,2,3-Trichlorobenzene	87-61-6	99%	2,500.4 ng/mL	+/- 14.6737 ug/mL

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6/2/12
TS

DESCRIPTION: 8260 Ketones Mix

CATALOG NO.: 861149 MFG DATE: Jun-2011

LOT NO.: LB85301 EXPIRATION DATE: Nov-2013

SOLVENT: METHANOL:WATER (30:70)

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4)	STD DEV	SUPELCO LOT NO
ACETONE	67-64-1	99.9	2000	1891	+/- 75.1	LB60265
CYCLOHEXANONE	108-94-1	99.5	20002	18806	+/- 673.6	LB67851
2-BUTANONE	78-93-3	99.9	2001	1888	+/- 78.2	LB38154
2-HEXANONE	591-78-6	99.9	2001	1877	+/- 70.9	LB57500
4-METHYL-2-PENTANONE	108-10-1	99.9	2001	1910	+/- 71.4	LB80301

VM 861149_ 00015

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

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Custom Standard

Product Number: CUS-5013 **Page:** 1 of 1

Lot Number: CJ-3443 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. 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
vinyl acetate	000108-05-4	RM04478	2507 ± 13 µg/mL
methyl acetate	000079-20-9	NT02091	2505 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° 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.

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Quality Assurance Manager

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Rec'd 6/11/12 B

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Product Number: CUS-7814 **Page:** 1 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. 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
1,1,2-trichlorotrifluoroethane	000076-13-1	1367777	50.2 ± 0.3 µg/mL
methyl iodide	000074-88-4	13302PC	50.2 ± 0.3 µg/mL
carbon disulfide	000075-15-0	AI-12071LU	50.2 ± 0.3 µg/mL
methylene chloride	000075-09-2	48248	50.2 ± 0.3 µg/mL
tert-butanol	000075-65-0	RM00555-0	1005 ± 5 µg/mL
1,1-dichloroethene	000075-35-4	02226CH	50.2 ± 0.3 µg/mL
1,1-dichloroethane	000075-34-3	64552/1	50.2 ± 0.3 µg/mL
trans-1,2-dichloroethene	000156-60-5	01306HD	50.2 ± 0.3 µg/mL
MTBE	001634-04-4	45123	50.2 ± 0.3 µg/mL
n-hexane	000110-54-3	4120791	50.2 ± 0.3 µg/mL
cis-1,2-dichloroethene	000156-59-2	MKBB9714	50.2 ± 0.3 µg/mL
tetrahydrofuran	000109-99-9	04928DN	50.2 ± 0.3 µg/mL
chloroform	000067-66-3	05143MN	50.2 ± 0.3 µg/mL
1,2-dichloroethane	000107-06-2	KN-09446KN	50.2 ± 0.3 µg/mL
dibromomethane	000074-95-3	EM-01514TJ	50.2 ± 0.3 µg/mL
1,4-dioxane	000123-91-1	RM02104-01	2501 ± 13 µg/mL
1,1,1-trichloroethane	000071-55-6	LU-13149TR	50.2 ± 0.3 µg/mL
carbon tetrachloride	000056-23-5	01704MF	50.2 ± 0.3 µg/mL
bromodichloromethane	000075-27-4	10529HD	50.2 ± 0.3 µg/mL

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Product Number: CUS-7814 **Page:** 2 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

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1,2-dichloropropane	000078-87-5	DC-120777	50.2 ± 0.3 µg/mL
cis-1,3-dichloropropene	010061-01-5	PR-110509-01	50.2 ± 0.3 µg/mL
trichloroethene	000079-01-6	KN-08846KN	50.2 ± 0.3 µg/mL
dibromochloromethane	000124-48-1	MU-07705AN	50.2 ± 0.3 µg/mL
1,2-dibromoethane	000106-93-4	TB-101777	50.2 ± 0.3 µg/mL
1,2,3-trichloropropane	000096-18-4	01610KH	50.2 ± 0.3 µg/mL
1,1,2-trichloroethane	000079-00-5	JB-0701HH	50.2 ± 0.3 µg/mL
benzene	000071-43-2	34097	50.2 ± 0.3 µg/mL
ethyl methacrylate	000097-63-2	04004EH	50.2 ± 0.3 µg/mL
trans-1,3-dichloropropene	010061-02-6	SR101007-01	50.2 ± 0.3 µg/mL
bromoform	000075-25-2	12312KC	50.2 ± 0.3 µg/mL
tetrachloroethene	000127-18-4	PS-00344BR	50.2 ± 0.3 µg/mL
toluene	000108-88-3	47144	50.2 ± 0.3 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	10917TB	50.2 ± 0.3 µg/mL
chlorobenzene	000108-90-7	07774MG	50.2 ± 0.3 µg/mL
ethylbenzene	000100-41-4	01558CC	50.2 ± 0.3 µg/mL
styrene	000100-42-5	LR-11228MQ	50.2 ± 0.3 µg/mL
trans-1,4-dichloro-2-butene	000110-57-6	17013BH	50.2 ± 0.3 µg/mL
m-xylene	000108-38-3	DI-00459CI	50.2 ± 0.3 µg/mL

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.

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Product Number: CUS-7814 **Page:** 3 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

p-xylene	000106-42-3	03747LN	50.2 ± 0.3 µg/mL
o-xylene	000095-47-6	DO-06834CO	50.2 ± 0.3 µg/mL
1,3-dichlorobenzene	000541-73-1	JN-05902LZ	50.2 ± 0.3 µg/mL
1,4-dichlorobenzene	000106-46-7	22628EB	50.2 ± 0.3 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	50.2 ± 0.3 µg/mL
bromochloromethane	000074-97-5	JS-16015HS	50.2 ± 0.3 µg/mL
bromobenzene	000108-86-1	CG-02513MF	50.2 ± 0.3 µg/mL
isopropylbenzene	000098-82-8	02827BH	50.2 ± 0.3 µg/mL
n-propylbenzene	000103-65-1	LO-14503MR	50.2 ± 0.3 µg/mL
n-butylbenzene	000104-51-8	AA-28519CO	50.2 ± 0.3 µg/mL
sec-butylbenzene	000135-98-8	07610JE	50.2 ± 0.3 µg/mL
tert-butylbenzene	000098-06-6	MQ-04010MQ	50.2 ± 0.3 µg/mL
1,2,4-trimethylbenzene	000095-63-6	BO-13528BI	50.2 ± 0.3 µg/mL
1,3,5-trimethylbenzene	000108-67-8	KM-02011HM	50.2 ± 0.3 µg/mL
1,2,3-trichlorobenzene	000087-61-6	12912PF	50.2 ± 0.3 µg/mL
1,2,4-trichlorobenzene	000120-82-1	00334TQ	50.2 ± 0.3 µg/mL
1,1-dichloropropene	000563-58-6	PR-11130-8	50.2 ± 0.3 µg/mL
1,3-dichloropropane	000142-28-9	PR-17916MR	50.2 ± 0.3 µg/mL
2,2-dichloropropane	000594-20-7	03503TD	50.2 ± 0.3 µg/mL

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Product Number: CUS-7814 **Page:** 4 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

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2-chlorotoluene	000095-49-8	KZ-03621HX	50.2 ± 0.3 µg/mL
4-chlorotoluene	000106-43-4	03327TH	50.2 ± 0.3 µg/mL
4-isopropyltoluene	000099-87-6	PP-05104CP	50.2 ± 0.3 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	FBL-01	50.2 ± 0.3 µg/mL
hexachlorobutadiene	000087-68-3	339923/1	50.1 ± 0.3 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	10312DD	50.2 ± 0.3 µg/mL
naphthalene	000091-20-3	14205KB	50.2 ± 0.3 µg/mL
methyl acetate	000079-20-9	16318HA	50.2 ± 0.3 µg/mL
methylcyclohexane	000108-87-2	02348HD	50.2 ± 0.3 µg/mL
cyclohexane	000110-82-7	46184	50.2 ± 0.3 µg/mL
1,3,5-trichlorobenzene	000108-70-3	HW-00718EV	50.2 ± 0.3 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° 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.

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Product Number: CUS-8634 **Page:** 1 of 1

Lot Number: CJ-3453 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. 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
acrylonitrile	000107-13-1	RM05172	5015 ± 25 µg/mL
acetonitrile	000075-05-8	RM01645	25035 ± 125 µg/mL
acrolein	000107-02-8	RM01532	25058 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

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REC'D 5-15-12

VOC Gas Mixture

Product Number: DWM-544 **Page:** 1 of 1

Lot Number: CJ-0858 **Lot Issue Date:** 15-Mar-2012 **Expiration Date:** 30-Apr-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
bromomethane	000074-83-9	06623AQ	2008 ± 10 µg/mL
chloroethane	000075-00-3	00223KG	2009 ± 10 µg/mL
chloromethane	000074-87-3	07-44048	2008 ± 10 µg/mL
dichlorodifluoromethane	000075-71-8	Q96-67	2008 ± 10 µg/mL
trichlorofluoromethane	000075-69-4	DR-16417BR	2006 ± 10 µg/mL
vinyl chloride	000075-01-4	1201FC10	2008 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMDWM544_00011

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TS 6/9/11

2-Chloroethylvinyl Ether Solution

Product Number: EPA-1016 **Page:** 1 of 1

Lot Number: CG-0850 **Lot Issue Date:** Mar-2010 **Expiration Date:** Apr-2013

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
2-chloroethylvinyl ether	000110-75-8	04606CJ	5015 ± 25 µg/mL

Matrix: methanol (methyl alcohol)

VMGPA1016_ 00003

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.

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RCC'D
5-15-12

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_00016

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.

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10/10/12
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Method 8260 Surrogate Standard Mixture

Product Number: STM-530 **Page:** 1 of 1

Lot Number: CJ-1280 **Lot Issue Date:** 17-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
4-bromofluorobenzene	000460-00-4	RM03908-	2512 ± 13 µg/mL
dibromofluoromethane	001868-53-7	RM04871-01	2512 ± 13 µg/mL
1,2-dichloroethane-d4	017060-07-0	RM04304-	2512 ± 13 µg/mL
toluene-d8	002037-26-5	RM04138-	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° 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.

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Quality Assurance Manager

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-18735-1

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	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
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		P330-11-00328
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
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 DOD

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

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 #
	MRL 240-69591/5	99	88	97	97
	MRL 240-69591/18	98	92	99	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

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 #
070-0060-0001-TB	240-18735-7	104	95	92	89
	MB 240-69591/6	99	91	95	91
	LCS 240-69591/4	98	90	98	107

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1588.D

Lab ID: LCS 240-69591/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	10.0	9.73	97	65-130	
1,1,2,2-Tetrachloroethane	10.0	8.20	82	65-130	
1,1,2-Trichloroethane	10.0	9.41	94	75-125	
1,1-Dichloroethane	10.0	9.80	98	70-135	
1,1-Dichloroethene	10.0	9.70	97	70-130	
1,2-Dichloroethane	10.0	9.38	94	70-130	
1,2-Dichloropropane	10.0	9.91	99	75-125	
2-Butanone (MEK)	20.0	18.0	90	30-150	
2-Hexanone	20.0	17.6	88	55-130	
4-Methyl-2-pentanone (MIBK)	20.0	19.8	99	60-135	
Acetone	20.0	20.6	103	40-140	
Benzene	10.0	9.74	97	80-120	
Bromoform	10.0	8.65	86	70-130	
Bromomethane	10.0	8.59	86	30-145	
Carbon disulfide	10.0	10.2	102	35-160	
Carbon tetrachloride	10.0	9.96	100	65-140	
Chlorobenzene	10.0	9.56	96	80-120	
Chloromethane	10.0	8.62	86	40-125	
cis-1,3-Dichloropropene	10.0	9.52	95	70-130	
Dibromochloromethane	10.0	9.25	92	60-135	
Bromodichloromethane	10.0	9.81	98	75-120	
Ethylbenzene	10.0	9.95	100	75-125	
Methyl tert-butyl ether	10.0	9.55	96	65-125	
Methylene Chloride	10.0	9.92	99	55-140	
Styrene	10.0	10.1	101	65-135	
Tetrachloroethene	10.0	9.89	99	45-150	
Toluene	10.0	9.48	95	75-120	
trans-1,3-Dichloropropene	10.0	8.78	88	55-140	
Trichloroethene	10.0	10.2	102	70-125	
Vinyl chloride	10.0	8.84	88	50-145	
Xylenes, Total	30.0	30.2	101	75-130	
Chloroform	10.0	9.19	92	65-135	
Bromochloromethane	10.0	9.74	97	65-130	
Chloroethane	10.0	9.33	93	60-135	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1589.D

Lab ID: MRL 240-69591/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00100	0.000965 J	97	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.000928 J	93	70-130	
1,1,2-Trichloroethane	0.00100	0.000894 J	89	70-130	
1,1-Dichloroethane	0.00100	0.000865 J	86	70-130	
1,1-Dichloroethene	0.00100	0.000938 J	94	70-130	
1,2-Dichloroethane	0.00100	0.000901 J	90	70-130	
1,2-Dichloropropane	0.00100	0.000908 J	91	70-130	
2-Butanone (MEK)	0.0100	0.00922 J	92	70-130	
2-Hexanone	0.0100	0.00828 J	83	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00899 J	90	70-130	
Acetone	0.0100	0.00910 J	91	70-130	
Benzene	0.00100	0.000979 J	98	70-130	
Bromoform	0.00100	0.000679 J	68	70-130	^
Bromomethane	0.00100	0.00103	103	70-130	
Carbon disulfide	0.00100	0.00102	102	70-130	
Carbon tetrachloride	0.00100	0.000896 J	90	70-130	
Chlorobenzene	0.00100	0.000910 J	91	70-130	
Chloromethane	0.00100	0.000961 J	96	70-130	
cis-1,3-Dichloropropene	0.00100	0.000779 J	78	70-130	
Dibromochloromethane	0.00100	0.000754 J	75	70-130	
Bromodichloromethane	0.00100	0.000865 J	86	70-130	
Ethylbenzene	0.00100	0.000799 J	80	70-130	
Methyl tert-butyl ether	0.00100	0.000889 J	89	70-130	
Methylene Chloride	0.00100	0.00105	105	70-130	
Styrene	0.00100	0.000737 J	74	70-130	
Tetrachloroethene	0.00100	0.000980 J	98	70-130	
Toluene	0.00100	0.000959 J	96	70-130	
trans-1,3-Dichloropropene	0.00100	0.000696 J	70	70-130	
Trichloroethene	0.00100	0.000960 J	96	70-130	
Vinyl chloride	0.00100	0.000959 J	96	70-130	
Xylenes, Total	0.00300	0.00253	84	70-130	
Chloroform	0.00100	0.000918 J	92	70-130	
Bromochloromethane	0.00100	0.000922 J	92	70-130	
Chloroethane	0.00100	0.000981 J	98	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1602.D

Lab ID: MRL 240-69591/18 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00100	0.000975 J	98	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.000914 J	91	70-130	
1,1,2-Trichloroethane	0.00100	0.000955 J	96	70-130	
1,1-Dichloroethane	0.00100	0.000967 J	97	70-130	
1,1-Dichloroethene	0.00100	0.000977 J	98	70-130	
1,2-Dichloroethane	0.00100	0.00101	101	70-130	
1,2-Dichloropropane	0.00100	0.000992 J	99	70-130	
2-Butanone (MEK)	0.0100	0.00903 J	90	70-130	
2-Hexanone	0.0100	0.00856 J	86	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00853 J	85	70-130	
Acetone	0.0100	0.00944 J	94	70-130	
Benzene	0.00100	0.00101	101	70-130	
Bromoform	0.00100	0.000816 J	82	70-130	
Bromomethane	0.00100	0.00119	119	70-130	
Carbon disulfide	0.00100	0.00103	103	70-130	
Carbon tetrachloride	0.00100	0.000881 J	88	70-130	
Chlorobenzene	0.00100	0.000975 J	98	70-130	
Chloromethane	0.00100	0.00109	109	70-130	
cis-1,3-Dichloropropene	0.00100	0.000806 J	81	70-130	
Dibromochloromethane	0.00100	0.000871 J	87	70-130	
Bromodichloromethane	0.00100	0.000940 J	94	70-130	
Ethylbenzene	0.00100	0.000912 J	91	70-130	
Methyl tert-butyl ether	0.00100	0.000923 J	92	70-130	
Methylene Chloride	0.00100	0.000617 J	62	70-130	^
Styrene	0.00100	0.000787 J	79	70-130	
Tetrachloroethene	0.00100	0.000921 J	92	70-130	
Toluene	0.00100	0.00100	100	70-130	
trans-1,3-Dichloropropene	0.00100	0.000735 J	74	70-130	
Trichloroethene	0.00100	0.00104	104	70-130	
Vinyl chloride	0.00100	0.00107	107	70-130	
Xylenes, Total	0.00300	0.00250	83	70-130	
Chloroform	0.00100	0.000952 J	95	70-130	
Bromochloromethane	0.00100	0.00106	106	70-130	
Chloroethane	0.00100	0.00118	118	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab File ID: UXX1590.D Lab Sample ID: MB 240-69591/6

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

Instrument ID: A3UX10 Date Analyzed: 12/20/2012 13:05

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 240-69591/4	UXX1588.D	12/20/2012 12:21
070-0060-0001-TB	240-18735-7	UXX1599.D	12/20/2012 16:37

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

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab File ID: BFB5078.D BFB Injection Date: 12/14/2012

Instrument ID: A3UX10 BFB Injection Time: 15:04

Analysis Batch No.: 68811

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	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	90.7	
175	5.0 - 9.0 % of mass 174	6.4	(7.1)1
176	95.0 - 101.0 % of mass 174	86.4	(95.2)1
177	5.0 - 9.0 % of mass 176	6.1	(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
	STD8260 240-68811/2	UXX1400.D	12/14/2012	15:32
	STD8260 240-68811/3	UXX1401.D	12/14/2012	15:53
	STD8260 240-68811/4	UXX1402.D	12/14/2012	16:15
	STD8260 240-68811/5	UXX1403.D	12/14/2012	16:36
	STD8260 240-68811/6	UXX1404.D	12/14/2012	16:57
	STD8260 240-68811/7	UXX1405.D	12/14/2012	17:19
	ICV 240-68811/14	UXX1412.D	12/14/2012	19:48

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

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab File ID: BFB5089.D BFB Injection Date: 12/20/2012

Instrument ID: A3UX10 BFB Injection Time: 10:51

Analysis Batch No.: 69591

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
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	6.8	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	88.8	
175	5.0 - 9.0 % of mass 174	6.3	(7.1)1
176	95.0 - 101.0 % of mass 174	87.3	(98.3)1
177	5.0 - 9.0 % of mass 176	6.2	(7.1)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
	CCV 240-69591/2	UXX1587.D	12/20/2012	11:59
	LCS 240-69591/4	UXX1588.D	12/20/2012	12:21
	MRL 240-69591/5	UXX1589.D	12/20/2012	12:43
	MB 240-69591/6	UXX1590.D	12/20/2012	13:05
070-0060-0001-TB	240-18735-7	UXX1599.D	12/20/2012	16:37
	MRL 240-69591/18	UXX1602.D	12/20/2012	17:42
	LODV 240-69591/19	UXX1603.D	12/20/2012	18:04

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

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Sample No.: STD8260 240-68811/4 Date Analyzed: 12/14/2012 16:15

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

Lab File ID (Standard): UXX1402.D Heated Purge: (Y/N) N

Calibration ID: 12853

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1972714	5.20	1372066	7.88	826025	10.13
UPPER LIMIT		3945428	5.70	2744132	8.38	1652050	10.63
LOWER LIMIT		986357	4.70	686033	7.38	413013	9.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-68811/14		1915294	5.20	1350521	7.88	869619	10.13
CCV 240-69591/2		2109455	5.21	1518089	7.88	980489	10.13
LCS 240-69591/4		2174437	5.21	1587263	7.88	1025898	10.13
MRL 240-69591/5		2138012	5.22	1551915	7.88	954861	10.13
MB 240-69591/6		2063755	5.22	1478307	7.89	841736	10.13
240-18735-7	070-0060-0001-TB	1963171	5.22	1409350	7.89	798603	10.13
MRL 240-69591/18		2120462	5.22	1482662	7.89	945938	10.13
LODV 240-69591/19		2011895	5.22	1436313	7.88	896548	10.13

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/DOD

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070-0060-0001-TB | Lab Sample ID: 240-18735-7

Matrix: Water | Lab File ID: UXX1599.D

Analysis Method: 8260B/DoD | Date Collected: 12/12/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 16:37

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.: 69591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.50	U	1.0	0.50	0.33
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28
67-66-3	Chloroform	0.32	J	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070-0060-0001-TB Lab Sample ID: 240-18735-7

Matrix: Water Lab File ID: UXX1599.D

Analysis Method: 8260B/DoD Date Collected: 12/12/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 16:37

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-120
460-00-4	4-Bromofluorobenzene (Surr)	89		75-120
1868-53-7	Dibromofluoromethane (Surr)	104		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1599.D
Lims ID: 240-18735-A-7 Client ID: 070-0060-0001-TB
Inject. Date: 20-Dec-2012 16:37:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016059-015
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 15
Lims Batch ID: 69591 Lims Sample ID: 15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	1963171	10.0	
* 2 Chlorobenzene-d5	117	7.891	7.879	0.011	82	1409350	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	93	798603	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	60	476083	10.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	510624	9.52	
$ 7 Toluene-d8 (Surr)	98	6.577	6.568	0.009	92	1679644	9.20	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	97	569769	8.87	
13 Chloromethane	50		1.693					9
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.095					9
17 Chloroethane	64		2.178					
23 1,1-Dichloroethene	96		2.817					
24 Acetone	43		2.829					
27 Carbon disulfide	76		3.006					
31 Methylene Chloride	84		3.195					
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
37 1,1-Dichloroethane	63		3.775					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43		4.248					
48 Chlorobromomethane	128		4.450					
50 Chloroform	83	4.506	4.497	0.009	77	29070	0.3229	
51 1,1,1-Trichloroethane	97		4.686					
54 Carbon tetrachloride	117		4.828					
57 Benzene	78		4.982					9
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.526					
64 1,2-Dichloropropane	63		5.704					
68 Dichlorobromomethane	83		5.929					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.449					
73 Toluene	91		6.627					9

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
74	trans-1,3-Dichloropropene	75		6.804					
76	1,1,2-Trichloroethane	97		6.970					
78	Tetrachloroethene	164		7.136					
79	2-Hexanone	43		7.183					
81	Chlorodibromomethane	129		7.337					
83	Ethylene Dibromide	107		7.455					
85	Chlorobenzene	112		7.905					
87	Ethylbenzene	106		8.011					
88	m-Xylene & p-Xylene	106		8.118					
89	o-Xylene	106		8.496					
90	Styrene	104		8.508					
91	Bromoform	173		8.686					
95	1,1,2,2-Tetrachloroethane	83		9.112					
S 120	1,2-Dichloroethene, Total	96		1.140					7
S 122	Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

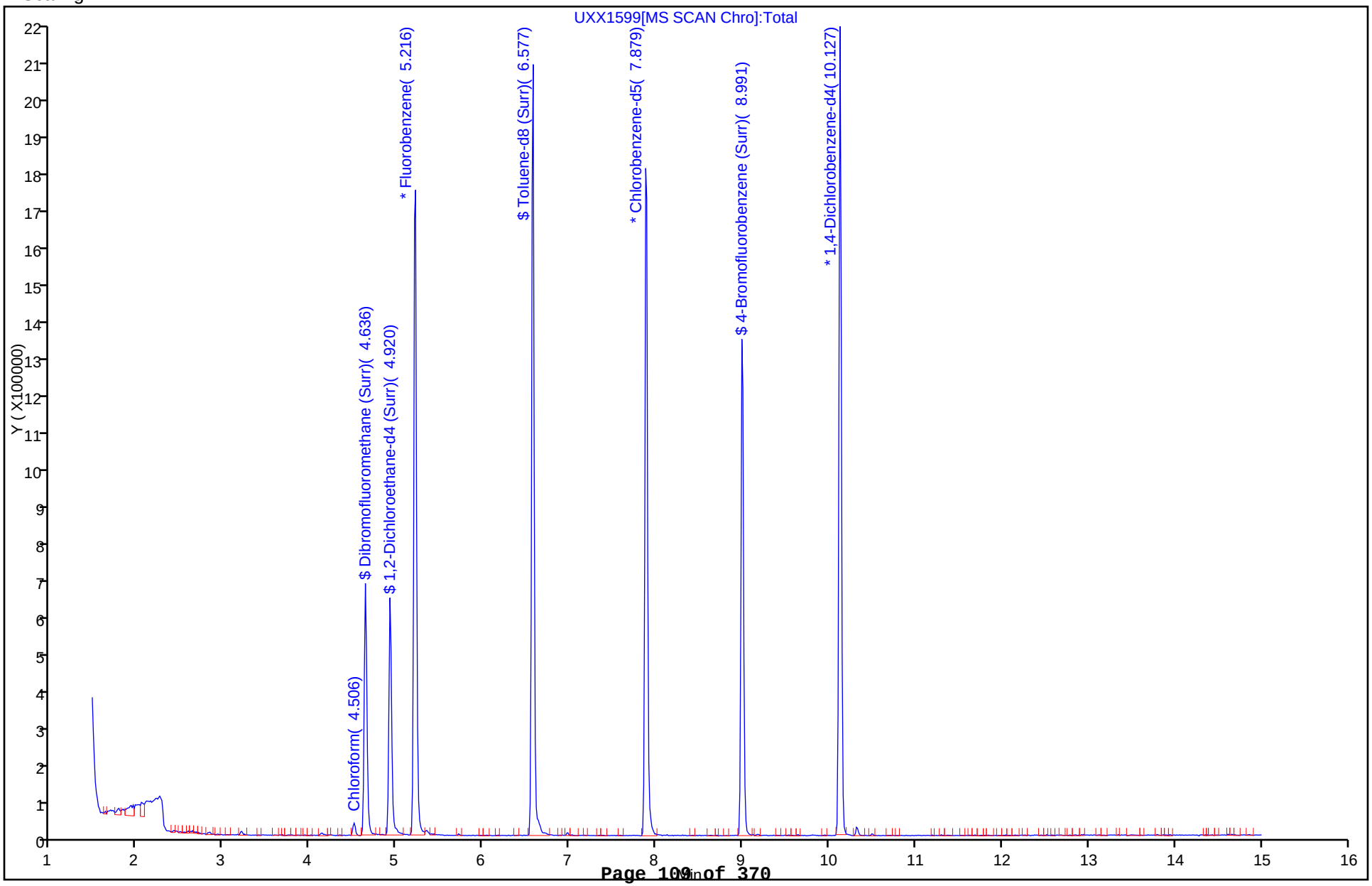
Report Date: 21-Dec-2012 08:34:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1599.D

Injection Date:	20-Dec-2012 16:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	070-0060-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	15
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



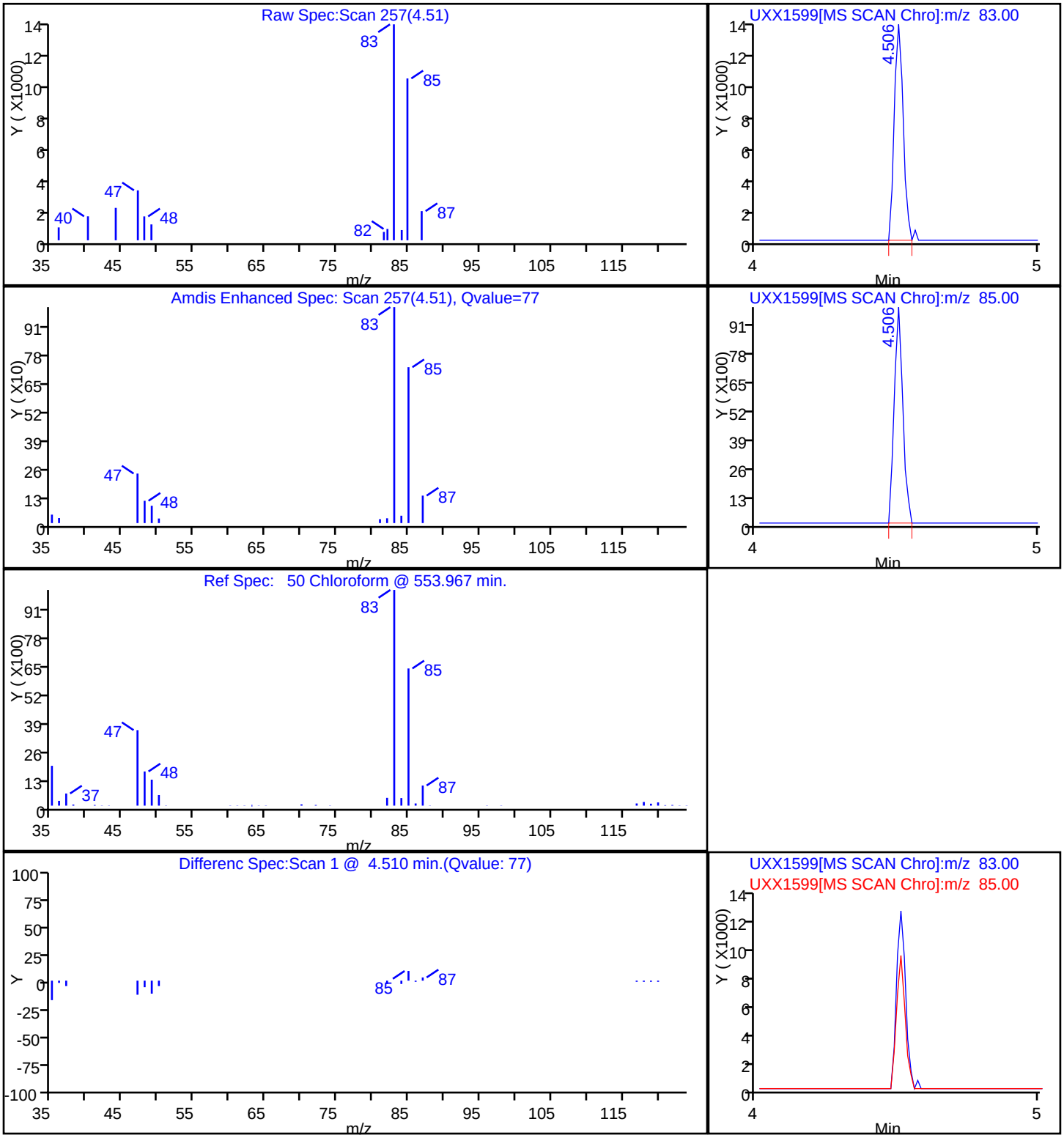
Report Date: 21-Dec-2012 08:34:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1599.D

Injection Date:	20-Dec-2012 16:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	070-0060-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	15
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

50 Chloroform



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

Lab Name: TestAmerica Canton Job No.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68811/7	UXX1405.D
Level 2	STD8260 240-68811/6	UXX1404.D
Level 3	STD8260 240-68811/5	UXX1403.D
Level 4	STD8260 240-68811/4	UXX1402.D
Level 5	STD8260 240-68811/3	UXX1401.D
Level 6	STD8260 240-68811/2	UXX1400.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	0.1682 0.2001	0.1834	0.1868	0.1863	0.1845	Ave		0.1849			0.1000	5.5		15.0			
Chloromethane	0.3695 0.3307	0.3350	0.3055	0.3246	0.3150	Ave		0.3300			0.1000	6.7		15.0			
Vinyl chloride	0.3547 0.3344	0.3245	0.3202	0.3230	0.3129	Ave		0.3283			0.1000	4.5		15.0			
Bromomethane	0.1859 0.1347	0.1569	0.1557	0.1519	0.1395	Ave		0.1541			0.0500	12.0		15.0			
Chloroethane	0.2127 0.1877	0.1943	0.1865	0.1845	0.1820	Ave		0.1913				5.9		15.0			
Trichlorofluoromethane	0.2902 0.2557	0.2794	0.2672	0.2616	0.2391	Ave		0.2655			0.1000	6.8		15.0			
Acrolein	0.0304 0.0294	0.0301	0.0303	0.0299	0.0297	Ave		0.0300				1.2		15.0			
1,1-Dichloroethene	0.2719 0.2466	0.2674	0.2491	0.2423	0.2434	Ave		0.2534			0.1000	5.1		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2212 0.1977	0.2085	0.1866	0.1878	0.1857	Ave		0.1979			0.0500	7.3		15.0			
Acetone	0.0868 0.0585	0.0703	0.0593	0.0626	0.0588	Lin1	0.0530	0.0578			0.0500				0.9990		0.9950
Iodomethane	0.4305 0.3878	0.4044	0.3998	0.3989	0.3923	Ave		0.4023				3.7		15.0			
Carbon disulfide	0.8008 0.8201	0.7373	0.7428	0.7660	0.7648	Ave		0.7720			0.1000	4.2		15.0			
Acetonitrile	0.0181 0.0183	0.0184	0.0180	0.0175	0.0171	Ave		0.0179				2.8		15.0			
Methyl acetate	0.2022 0.1801	0.1856	0.1932	0.1816	0.1804	Ave		0.1872			0.1000	4.7		15.0			
Methylene Chloride	0.5366 0.2822	0.3910	0.3185	0.2940	0.2831	Lin1	0.2486	0.2732			0.1000				1.0000		0.9950

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.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-2-propanol	0.0114 0.0105	0.0122	0.0121	0.0114	0.0113	Ave		0.0115				5.6		15.0			
Acrylonitrile	0.0892 0.0856	0.0869	0.0919	0.0881	0.0879	Ave		0.0883				2.5		15.0			
Methyl tert-butyl ether	0.6397 0.7181	0.6462	0.6706	0.6819	0.6896	Ave		0.6743			0.1000	4.3		15.0			
trans-1,2-Dichloroethene	0.2888 0.2750	0.2742	0.2690	0.2726	0.2680	Ave		0.2746			0.1000	2.7		15.0			
Hexane	0.0550 0.0564	0.0595	0.0532	0.0525	0.0512	Ave		0.0546				5.5		15.0			
1,1-Dichloroethane	0.4718 0.4567	0.4588	0.4447	0.4475	0.4445	Ave		0.4540			0.1000	2.3		15.0			
Vinyl acetate	0.0355 0.0436	0.0320	0.0385	0.0406	0.0424	Ave		0.0388				11.0		15.0			
2-Butanone (MEK)	0.0971 0.0923	0.0854	0.0935	0.0877	0.0940	Ave		0.0917			0.0500	4.7		15.0			
cis-1,2-Dichloroethene	0.3064 0.2938	0.2833	0.2880	0.2894	0.2853	Ave		0.2910			0.1000	2.9		15.0			
2,2-Dichloropropane	0.2273 0.2512	0.2253	0.2368	0.2360	0.2401	Ave		0.2361				4.0		15.0			
Bromochloromethane	0.1484 0.1412	0.1509	0.1408	0.1373	0.1402	Ave		0.1431				3.7		15.0			
Tetrahydrofuran	0.0674 0.0622	0.0681	0.0592	0.0620	0.0640	Ave		0.0638				5.4		15.0			
Chloroform	0.4803 0.4604	0.4625	0.4493	0.4503	0.4488	Ave		0.4586				2.7		15.0			
1,1,1-Trichloroethane	0.3361 0.3437	0.3248	0.3289	0.3315	0.3327	Ave		0.3330			0.1000	1.9		15.0			
Cyclohexane	0.4243 0.4454	0.4045	0.3992	0.4183	0.4156	Ave		0.4179			0.1000	3.9		15.0			
1,1-Dichloropropene	0.3295 0.3559	0.3313	0.3332	0.3329	0.3395	Ave		0.3371				2.9		15.0			
Carbon tetrachloride	0.3013 0.3092	0.2765	0.2779	0.2882	0.2875	Ave		0.2901			0.1000	4.5		15.0			
1,2-Dichloroethane	0.3228 0.3284	0.3200	0.3184	0.3149	0.3142	Ave		0.3198			0.1000	1.7		15.0			
Benzene	1.1588 1.1315	1.0685	1.0679	1.0507	1.0629	Ave		1.0901			0.5000	4.0		15.0			
Trichloroethene	0.2923 0.2857	0.2685	0.2757	0.2717	0.2757	Ave		0.2783			0.2000	3.2		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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-Dichloropropane	0.2388 0.2561	0.2264	0.2362	0.2412	0.2433	Ave		0.2403			0.1000	4.0		15.0			
Methylcyclohexane	0.3619 0.3979	0.3552	0.3478	0.3665	0.3688	Ave		0.3663			0.1000	4.7		15.0			
Dibromomethane	0.1556 0.1462	0.1342	0.1407	0.1411	0.1402	Ave		0.1430				5.1		15.0			
1,4-Dioxane	0.0012 0.0015	0.0012	0.0016	0.0015	0.0017	Ave		0.0015				15.0		15.0			
Bromodichloromethane	0.2936 0.3339	0.2698	0.2864	0.2969	0.3032	Ave		0.2973			0.1000	7.2		15.0			
2-Chloroethyl vinyl ether	0.1115 0.1488	0.1069	0.1191	0.1267	0.1370	Ave		0.1250				13.0		15.0			
cis-1,3-Dichloropropene	0.3102 0.4014	0.2932	0.3276	0.3465	0.3669	Ave		0.3410			0.1500	12.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.1683 0.2040	0.1750	0.1806	0.1851	0.1973	Ave		0.1850			0.0500	7.3		15.0			
Toluene	1.6137 1.6761	1.4739	1.6053	1.5903	1.6365	Ave		1.5993			0.4000	4.3		15.0			
trans-1,3-Dichloropropene	0.3775 0.4939	0.3648	0.4102	0.4285	0.4685	Ave		0.4239			0.1000	12.0		15.0			
Ethyl methacrylate	0.3069 0.4515	0.3026	0.3649	0.3987	0.4250	Lin1	-0.220	0.4436							0.9980		0.9950
1,1,2-Trichloroethane	0.3278 0.3056	0.3043	0.3189	0.3027	0.3015	Ave		0.3101			0.1000	3.5		15.0			
1,3-Dichloropropane	0.5523 0.5528	0.5256	0.5345	0.5247	0.5421	Ave		0.5387				2.3		15.0			
Tetrachloroethene	0.3348 0.3277	0.3229	0.3366	0.3179	0.3236	Ave		0.3273			0.2000	2.2		15.0			
2-Hexanone	0.1557 0.1890	0.1610	0.1776	0.1826	0.1933	Ave		0.1765			0.0500	8.6		15.0			
Dibromochloromethane	0.2849 0.3652	0.2686	0.3176	0.3275	0.3393	Ave		0.3172				11.0		15.0			
1,2-Dibromoethane	0.3005 0.3161	0.2900	0.3108	0.3001	0.3132	Ave		0.3051				3.3		15.0			
Chlorobenzene	1.1260 1.0833	1.0071	1.0336	1.0154	1.0453	Ave		1.0518			0.3000	4.3		15.0			
1,1,1,2-Tetrachloroethane	0.3541 0.3776	0.3331	0.3588	0.3579	0.3754	Ave		0.3595				4.5		15.0			
Ethylbenzene	0.5069 0.5868	0.4902	0.5404	0.5381	0.5610	Ave		0.5372				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.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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								
m-Xylene & p-Xylene	0.6166 0.7545	0.6271	0.6839	0.6854	0.7110	Ave		0.6797				7.6		15.0			
o-Xylene	0.6328 0.7117	0.5709	0.6506	0.6704	0.6861	Ave		0.6537				7.5		15.0			
Styrene	0.9317 1.2368	0.9461	1.0744	1.1016	1.1551	Ave		1.0743			0.3000	11.0		15.0			
Bromoform	0.1763 0.2364	0.1902	0.2005	0.2055	0.2280	Ave		0.2062			0.1000	11.0		15.0			
Isopropylbenzene	1.4472 1.7732	1.4438	1.5725	1.6035	1.6958	Ave		1.5893			0.1000	8.3		15.0			
1,1,2,2-Tetrachloroethane	0.7430 0.6961	0.7251	0.7069	0.7048	0.7013	Ave		0.7129			0.3000	2.5		15.0			
Bromobenzene	0.7442 0.8313	0.7466	0.7570	0.7432	0.7534	Ave		0.7626				4.5		15.0			
1,2,3-Trichloropropane	0.2230 0.2282	0.2452	0.2302	0.2326	0.2315	Ave		0.2318				3.2		15.0			
trans-1,4-Dichloro-2-butene	0.1570 0.2076	0.1620	0.1744	0.1732	0.1834	Ave		0.1763				10.0		15.0			
N-Propylbenzene	0.6510 0.8523	0.6581	0.7377	0.7697	0.7580	Ave		0.7378				10.0		15.0			
2-Chlorotoluene	0.6746 0.7582	0.6576	0.7068	0.6979	0.6968	Ave		0.6986				4.9		15.0			
1,3,5-Trimethylbenzene	1.7867 2.4099	1.9461	2.1727	2.2113	2.2293	Ave		2.1260				10.0		15.0			
4-Chlorotoluene	0.6877 0.8259	0.7122	0.7364	0.7447	0.7564	Ave		0.7439				6.3		15.0			
tert-Butylbenzene	1.7120 2.1782	1.8120	2.0057	1.8304	1.8804	Ave		1.9031				8.7		15.0			
1,2,4-Trimethylbenzene	1.8729 2.4382	2.0120	2.2186	2.2759	2.2862	Ave		2.1840				9.4		15.0			
sec-Butylbenzene	2.1318 2.5753	2.2435	2.4366	2.4214	2.4492	Ave		2.3763				6.7		15.0			
1,3-Dichlorobenzene	1.3914 1.4735	1.3824	1.4326	1.3721	1.3998	Ave		1.4086			0.6000	2.7		15.0			
4-Isopropyltoluene	1.7643 2.2184	1.8945	2.0657	2.0877	2.1191	Ave		2.0249				8.2		15.0			
1,4-Dichlorobenzene	1.6280 1.5470	1.5208	1.5108	1.4623	1.4987	Ave		1.5279			0.5000	3.7		15.0			
n-Butylbenzene	1.5106 1.7571	1.4973	1.6196	1.6360	1.6826	Ave		1.6172				6.2		15.0			

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

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

Lab Name: TestAmerica Canton Job No.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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-Dichlorobenzene	1.3941 1.3306	1.3226	1.3905	1.3403	1.3323	Ave		1.3517			0.4000	2.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1129 0.0886	0.1035	0.1131	0.1096	0.1109	Ave		0.1064			0.0500	8.8		15.0			
1,3,5-Trichlorobenzene	0.7777 0.6258	0.7708	0.7864	0.7494	0.7218	Ave		0.7387				8.1		15.0			
1,2,4-Trichlorobenzene	0.6656 0.5045	0.6817	0.6711	0.6485	0.6512	Ave		0.6371			0.2000	10.0		15.0			
Hexachlorobutadiene	0.3692 +++++	0.3611	0.3119	0.2854	0.2566	Ave		0.3169				15.0		15.0			
Naphthalene	1.4153 1.1677	1.5101	1.7168	1.7220	1.7465	Ave		1.5464				15.0		15.0			
1,2,3-Trichlorobenzene	0.6490 +++++	0.6364	0.6570	0.6076	0.5677	Ave		0.6235				5.8		15.0			
Dibromofluoromethane (Surr)	0.2297 0.2371	0.2202	0.2409	0.2434	0.2327	Ave		0.2340				3.6		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2706 0.2750	0.2719	0.2709	0.2847	0.2663	Ave		0.2732				2.3		15.0			
Toluene-d8 (Surr)	1.2310 1.3606	1.2008	1.3307	1.3332	1.3136	Ave		1.2950				4.9		15.0			
4-Bromofluorobenzene (Surr)	0.4411 0.4722	0.4273	0.4615	0.4662	0.4651	Ave		0.4556				3.8		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.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68811/7	UXX1405.D
Level 2	STD8260 240-68811/6	UXX1404.D
Level 3	STD8260 240-68811/5	UXX1403.D
Level 4	STD8260 240-68811/4	UXX1402.D
Level 5	STD8260 240-68811/3	UXX1401.D
Level 6	STD8260 240-68811/2	UXX1400.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	30879 1465250	71948	195190	367469	701197	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	67830 2421494	131438	319288	640285	1197291	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	65107 2448503	127350	334620	637089	1189219	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	34128 986207	61559	162768	299602	530218	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	39044 1374711	76233	194942	364043	691777	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	53264 1872605	109640	279258	516118	908849	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	55829 2155771	118104	316219	590361	1128836	10.0 400	20.0	50.0	100	200
1,1-Dichloroethene	FB	Ave	49912 1805547	104920	260297	478079	924980	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	40608 1447462	81824	195023	370380	705696	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Lin1	31865 855958	55185	123882	247062	447033	2.00 80.0	4.00	10.0	20.0	40.0
Iodomethane	FB	Ave	79033 2839133	158689	417853	786944	1491127	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	147001 6005070	289306	776307	1511067	2906807	1.00 40.0	2.00	5.00	10.0	20.0
Acetonitrile	FB	Ave	33234 1342771	72167	188394	344829	650587	10.0 400	20.0	50.0	100	200
Methyl acetate	FB	Ave	74236 2638039	145700	403759	716425	1371027	2.00 80.0	4.00	10.0	20.0	40.0
Methylene Chloride	FB	Lin1	98498 2066270	153419	332847	579966	1075839	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	42011 1530596	96112	253376	450805	858644	20.0 800	40.0	100	200	400

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

Lab Name: TestAmerica Canton Job No.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	FB	Ave	32738 1253177	68221	192143	347593	668258	2.00 80.0	4.00	10.0	20.0	40.0
Methyl tert-butyl ether	FB	Ave	117426 5258214	253570	700832	1345206	2620917	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	53022 2013318	107586	281119	537762	1018642	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	10101 413173	23363	55548	103509	194683	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	86603 3344223	180038	464711	882807	1689424	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	6515 318877	12565	40276	80180	161200	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	35644 1351963	67000	195379	346151	714268	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	56243 2151531	111152	301005	570916	1084405	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	41719 1839264	88390	247518	465524	912625	1.00 40.0	2.00	5.00	10.0	20.0
Bromochloromethane	FB	Ave	27240 1034113	59224	147118	270865	533012	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	12370 455243	26729	61864	122366	243391	1.00 40.0	2.00	5.00	10.0	20.0
Chloroform	FB	Ave	88171 3370739	181502	469599	888343	1705669	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	61698 2516616	127454	343724	653910	1264608	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	77885 3261330	158733	417191	825127	1579443	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	60486 2605682	130002	348272	656670	1290438	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	55305 2264034	108482	290391	568496	1092712	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane	FB	Ave	59264 2404196	125575	332746	621111	1194163	1.00 40.0	2.00	5.00	10.0	20.0
Benzene	FB	Ave	212719 8285150	419287	1116074	2072804	4039822	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	53655 2092163	105370	288125	535904	1047905	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	43830 1874945	88848	246855	475830	924602	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	66442 2913559	139383	363431	723017	1401580	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.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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
Dibromomethane	FB	Ave	28558 1070356	52642	147000	278287	532813	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Ave	11215 546333	23007	86141	152231	320231	50.0 2000	100	250	500	1000
Bromodichloromethane	FB	Ave	53902 2444656	105852	299266	585738	1152209	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	40924 2178949	83867	248859	499763	1041269	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	56936 2939323	115070	342339	683552	1394385	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	61798 2986828	137346	377538	730318	1499585	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	201223 8918073	391475	1115595	2181955	4260011	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	47071 2627978	96889	285077	587888	1219585	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Lin1	38268 2402128	80366	253577	547095	1106263	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	40879 1626165	80829	221646	415376	784752	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	68872 2941228	139604	371448	719931	1411177	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	41752 1743486	85777	233887	436221	842392	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	38833 2011555	85516	246809	501002	1006319	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	35521 1943180	71354	220689	449306	883263	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	37474 1681754	77017	215997	411739	815423	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	140412 5763785	267494	718279	1393142	2721158	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	44156 2009188	88467	249379	491018	977329	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	63206 3122357	130191	375534	738252	1460383	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	153782 8029139	333111	950545	1880784	3701497	2.00 80.0	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	78906 3786625	151628	452161	919839	1785939	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	116186 6580880	251304	746678	1511468	3006905	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.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBZ	Ave	21983 1257632	50523	139362	281993	593612	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	180463 9434871	383482	1092782	2200056	4414441	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	57603 2103601	116917	291936	582186	1112923	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	57702 2512184	120378	312609	613898	1195678	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	17288 689742	39531	95077	192099	367359	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	12169 627324	26124	72004	143098	291069	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	50472 2575518	106115	304646	635760	1202925	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	52302 2291217	106035	291871	576466	1105775	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	138525 7282720	313803	897255	1826608	3538007	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	53322 2495788	114832	304121	615149	1200376	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	132732 6582408	292170	828302	1511971	2984266	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	145206 7368168	324423	916215	1879912	3628284	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	165282 7782442	361742	1006256	2000156	3886899	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	107876 4452897	222909	591644	1133384	2221454	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	136793 6703826	305478	853074	1724457	3363069	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	126220 4675040	245211	623927	1207911	2378436	1.00 40.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	117119 5309751	241423	668858	1351363	2670295	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	108086 4020924	213261	574232	1107131	2114347	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	8751 267693	16687	46693	90506	176060	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	60296 1891087	124291	324767	619057	1145528	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	51604 1524561	109926	277130	535668	1033524	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.: 240-18735-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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
Hexachlorobutadiene	DCB	Ave	28628 +++++	58229	128818	235730	407272	1.00 +++++	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	109730 3528569	243498	709007	1422425	2771695	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	50318 +++++	102615	271329	501922	900936	1.00 +++++	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	42158 1735851	86392	251766	480236	884388	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	49683 2013493	106682	283109	561592	1012260	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	153502 7239634	318950	924741	1829193	3419440	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	55001 2512201	113500	320732	639616	1210691	1.00 40.0	2.00	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\A3UX10\20121214-15869.b\UXX1400.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 14-Dec-2012 15:32:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015869-002
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 68811 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:32 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 14-Dec-2012 16:52:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.206	-0.003	100	1830513	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.880	-0.002	82	1330181	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	91	755485	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.636	-0.001	67	1735851	40.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.920	-0.001	0	2013493	40.3	
$ 7 Toluene-d8 (Surr)	98	6.564	6.565	-0.001	92	7239634	42.0	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	93	2512201	41.5	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	88	1465250	43.3	
13 Chloromethane	50	1.701	1.690	0.011	100	2421494	40.1	
14 Vinyl chloride	62	1.795	1.796	-0.001	97	2448503	40.7	
16 Bromomethane	94	2.091	2.080	0.011	90	986207	35.0	
17 Chloroethane	64	2.174	2.163	0.011	95	1374711	39.3	
19 Trichlorofluoromethane	101	2.399	2.388	0.011	98	1872605	38.5	
21 Acrolein	56	2.707	2.707	0.0	95	2155771	392.9	
23 1,1-Dichloroethene	96	2.813	2.814	-0.001	89	1805547	38.9	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	83	1447462	40.0	
24 Acetone	43	2.825	2.826	-0.001	85	855958	80.0	
26 Iodomethane	142	2.943	2.944	-0.001	96	2839133	38.6	
27 Carbon disulfide	76	3.014	3.003	0.011	99	6005070	42.5	
28 Acetonitrile	41	3.050	3.051	-0.001	98	1342771	409.6	
30 Methyl acetate	43	3.109	3.098	0.011	96	2638039	77.0	
31 Methylene Chloride	84	3.204	3.193	0.011	91	2066270	40.4	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	98	1530596	727.2	
33 Acrylonitrile	53	3.381	3.382	-0.001	98	1253177	77.6	
35 Methyl tert-butyl ether	73	3.428	3.429	-0.001	88	5258214	42.6	
34 trans-1,2-Dichloroethene	96	3.428	3.429	-0.001	65	2013318	40.1	
36 Hexane	86	3.665	3.666	-0.001	92	413173	41.3	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	97	3344223	40.2	
38 Vinyl acetate	86	3.795	3.796	-0.001	97	318877	44.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	93	1351963	80.6	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	69	2151531	40.4	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	80	1839264	42.6	
48 Chlorobromomethane	128	4.446	4.447	-0.001	89	1034113	39.5	
49 Tetrahydrofuran	42	4.493	4.494	-0.001	96	455243	39.0	
50 Chloroform	83	4.505	4.494	0.011	82	3370739	40.2	
51 1,1,1-Trichloroethane	97	4.683	4.672	0.011	93	2516616	41.3	
52 Cyclohexane	56	4.742	4.743	-0.001	88	3261330	42.6	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	94	2605682	42.2	
54 Carbon tetrachloride	117	4.825	4.825	0.0	77	2264034	42.6	
56 1,2-Dichloroethane	62	4.978	4.979	-0.001	46	2404196	41.1	
57 Benzene	78	4.990	4.979	0.011	94	8285150	41.5	
61 Trichloroethene	130	5.523	5.524	-0.001	96	2092163	41.1	
64 1,2-Dichloropropane	63	5.700	5.701	-0.001	91	1874945	42.6	
63 Methylcyclohexane	83	5.700	5.701	-0.001	91	2913559	43.4	
66 Dibromomethane	93	5.807	5.808	-0.001	88	1070356	40.9	
67 1,4-Dioxane	88	5.807	5.808	-0.001	44	546333	2043.4	
68 Dichlorobromomethane	83	5.925	5.926	-0.001	94	2444656	44.9	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	90	2178949	95.2	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	93	2939323	47.1	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	97	2986828	88.2	
73 Toluene	91	6.635	6.624	0.011	97	8918073	41.9	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	92	2627978	46.6	
75 Ethyl methacrylate	69	6.872	6.873	-0.001	89	2402128	41.2	
76 1,1,2-Trichloroethane	97	6.966	6.967	-0.001	90	1626165	39.4	
77 1,3-Dichloropropane	76	7.120	7.121	-0.001	89	2941228	41.0	
78 Tetrachloroethene	164	7.132	7.133	-0.001	86	1743486	40.1	
79 2-Hexanone	43	7.191	7.192	-0.001	96	2011555	85.7	
81 Chlorodibromomethane	129	7.333	7.334	-0.001	90	1943180	46.1	
83 Ethylene Dibromide	107	7.452	7.452	0.0	98	1681754	41.4	
85 Chlorobenzene	112	7.913	7.914	-0.001	97	5763785	41.2	
86 1,1,1,2-Tetrachloroethane	131	7.984	7.973	0.011	89	2009188	42.0	
87 Ethylbenzene	106	8.008	8.008	0.0	97	3122357	43.7	
88 m-Xylene & p-Xylene	106	8.114	8.115	-0.001	99	8029139	88.8	
89 o-Xylene	106	8.493	8.494	-0.001	91	3786625	43.5	
90 Styrene	104	8.505	8.505	0.0	93	6580880	46.1	
91 Bromoform	173	8.682	8.683	-0.001	98	1257632	45.9	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	9434871	44.6	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.109	-0.001	88	2103601	39.1	
96 Bromobenzene	156	9.144	9.144	0.0	92	2512184	43.6	
97 1,2,3-Trichloropropane	110	9.155	9.156	-0.001	76	689742	39.4	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.168	-0.001	74	627324	47.1	
99 N-Propylbenzene	120	9.250	9.239	0.011	97	2575518	46.2	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	95	2291217	43.4	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	93	7282720	45.3	
102 4-Chlorotoluene	126	9.439	9.440	-0.001	97	2495788	44.4	
103 tert-Butylbenzene	119	9.735	9.736	-0.001	90	6582408	45.8	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	72	7368168	44.7	
105 sec-Butylbenzene	105	9.948	9.949	-0.001	93	7782442	43.4	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	97	4452897	41.8	
107 4-Isopropyltoluene	119	10.090	10.091	-0.001	97	6703826	43.8	
108 1,4-Dichlorobenzene	146	10.149	10.150	-0.001	95	4675040	40.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.504	10.493	0.011	94	5309751	43.5	
111 1,2-Dichlorobenzene	146	10.516	10.517	-0.001	98	4020924	39.4	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.286	-0.001	87	267693	33.3	
113 1,3,5-Trichlorobenzene	180	11.510	11.511	-0.001	97	1891087	33.9	
114 1,2,4-Trichlorobenzene	180	12.125	12.126	-0.001	94	1524561	31.7	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	94	464400	19.4	
116 Naphthalene	128	12.374	12.375	-0.001	100	3528569	30.2	
117 1,2,3-Trichlorobenzene	180	12.622	12.623	-0.001	99	1039150	22.1	
S 119 Trihalomethanes, Total	1				0		177.0	
S 120 1,2-Dichloroethene, Total	96				0		80.4	
S 121 1,3-Dichloropropene, Total	75				0		93.7	
S 122 Xylenes, Total	106				0		132.3	

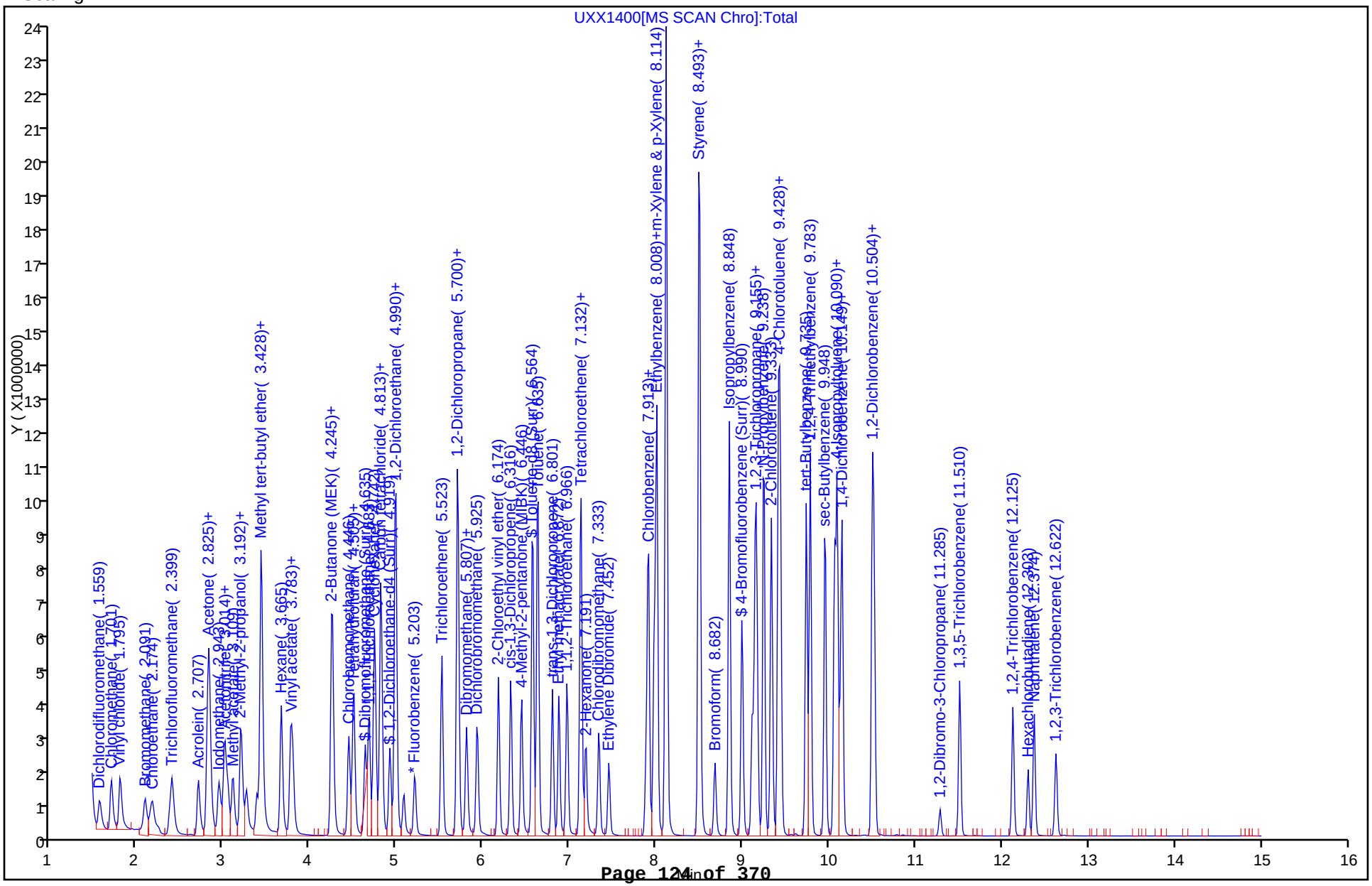
Report Date: 17-Dec-2012 09:35:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1400.D

Injection Date:	14-Dec-2012 15:32:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	2
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1401.D
Lims ID: STD8260 L5 Client ID:
Inject. Date: 14-Dec-2012 15:53:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015869-003
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68811 Lims Sample ID: 3
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:33 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 14-Dec-2012 16:52:48

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.206	-0.002	99	1900330	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.880	-0.001	82	1301576	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	80	793511	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	59	884388	19.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	1012260	19.5	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	90	3419440	20.3	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	93	1210691	20.4	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	88	701197	20.0	
13 Chloromethane	50	1.690	1.690	0.0	99	1197291	19.1	
14 Vinyl chloride	62	1.797	1.796	0.001	94	1189219	19.1	
16 Bromomethane	94	2.081	2.080	0.001	89	530218	18.1	
17 Chloroethane	64	2.163	2.163	0.0	99	691777	19.0	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	87	908849	18.0	
21 Acrolein	56	2.696	2.707	-0.011	95	1128836	198.2	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	96	924980	19.2	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	94	705696	18.8	
24 Acetone	43	2.826	2.826	0.0	93	447033	39.8	
26 Iodomethane	142	2.944	2.944	0.0	96	1491127	19.5	
27 Carbon disulfide	76	3.004	3.003	0.001	99	2906807	19.8	
28 Acetonitrile	41	3.051	3.051	0.0	95	650587	191.2	
30 Methyl acetate	43	3.098	3.098	0.0	95	1371027	38.5	
31 Methylene Chloride	84	3.193	3.193	0.0	88	1075839	19.8	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	94	858644	393.0	
33 Acrylonitrile	53	3.382	3.382	0.0	100	668258	39.8	
35 Methyl tert-butyl ether	73	3.430	3.429	0.001	88	2620917	20.5	
34 trans-1,2-Dichloroethene	96	3.430	3.429	0.001	67	1018642	19.5	
36 Hexane	86	3.666	3.666	0.0	92	194683	18.7	
37 1,1-Dichloroethane	63	3.773	3.772	0.001	85	1689424	19.6	
38 Vinyl acetate	86	3.796	3.796	0.0	96	161200	21.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.246	4.246	0.0	68	714268	41.0	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	84	1084405	19.6	
44 2,2-Dichloropropane	77	4.258	4.257	0.001	88	912625	20.3	
48 Chlorobromomethane	128	4.447	4.447	0.0	91	533012	19.6	
49 Tetrahydrofuran	42	4.494	4.494	0.0	94	243391	20.1	
50 Chloroform	83	4.494	4.494	0.0	93	1705669	19.6	
51 1,1,1-Trichloroethane	97	4.672	4.672	0.0	91	1264608	20.0	
52 Cyclohexane	56	4.743	4.743	0.0	88	1579443	19.9	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	94	1290438	20.1	
54 Carbon tetrachloride	117	4.826	4.825	0.001	79	1092712	19.8	
56 1,2-Dichloroethane	62	4.980	4.979	0.001	52	1194163	19.7	
57 Benzene	78	4.980	4.979	0.001	94	4039822	19.5	
61 Trichloroethene	130	5.524	5.524	0.0	95	1047905	19.8	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	77	924602	20.2	
63 Methylcyclohexane	83	5.701	5.701	0.0	87	1401580	20.1	
66 Dibromomethane	93	5.808	5.808	0.0	88	532813	19.6	
67 1,4-Dioxane	88	5.808	5.808	0.0	88	320231	1153.7	
68 Dichlorobromomethane	83	5.926	5.926	0.0	94	1152209	20.4	
70 2-Chloroethyl vinyl ether	63	6.175	6.174	0.001	92	1041269	43.8	
71 cis-1,3-Dichloropropene	75	6.317	6.316	0.001	92	1394385	21.5	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	96	1499585	42.6	
73 Toluene	91	6.624	6.624	0.0	98	4260011	20.5	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	88	1219585	22.1	
75 Ethyl methacrylate	69	6.873	6.873	0.0	89	1106263	19.7	
76 1,1,2-Trichloroethane	97	6.968	6.967	0.001	85	784752	19.4	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	92	1411177	20.1	
78 Tetrachloroethene	164	7.133	7.133	0.0	91	842392	19.8	
79 2-Hexanone	43	7.181	7.192	-0.011	95	1006319	43.8	
81 Chlorodibromomethane	129	7.334	7.334	0.0	89	883263	21.4	
83 Ethylene Dibromide	107	7.453	7.452	0.001	98	815423	20.5	
85 Chlorobenzene	112	7.914	7.914	0.0	97	2721158	19.9	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	89	977329	20.9	
87 Ethylbenzene	106	8.009	8.008	0.001	97	1460383	20.9	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	3701497	41.8	
89 o-Xylene	106	8.494	8.494	0.0	89	1785939	21.0	
90 Styrene	104	8.506	8.505	0.001	93	3006905	21.5	
91 Bromoform	173	8.683	8.683	0.0	99	593612	22.1	
92 Isopropylbenzene	105	8.849	8.849	0.0	94	4414441	21.3	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	94	1112923	19.7	
96 Bromobenzene	156	9.145	9.144	0.001	91	1195678	19.8	
97 1,2,3-Trichloropropane	110	9.157	9.156	0.001	73	367359	20.0	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	73	291069	20.8	
99 N-Propylbenzene	120	9.239	9.239	0.0	97	1202925	20.5	
100 2-Chlorotoluene	126	9.334	9.334	0.0	97	1105775	19.9	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	91	3538007	21.0	
102 4-Chlorotoluene	126	9.441	9.440	0.001	96	1200376	20.3	
103 tert-Butylbenzene	119	9.736	9.736	0.0	88	2984266	19.8	
104 1,2,4-Trimethylbenzene	105	9.784	9.783	0.001	85	3628284	20.9	
105 sec-Butylbenzene	105	9.949	9.949	0.0	92	3886899	20.6	
106 1,3-Dichlorobenzene	146	10.068	10.067	0.001	87	2221454	19.9	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	97	3363069	20.9	
108 1,4-Dichlorobenzene	146	10.151	10.150	0.001	95	2378436	19.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.494	10.493	0.001	95	2670295	20.8	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	98	2114347	19.7	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.286	0.001	86	176060	20.8	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	97	1145528	19.5	
114 1,2,4-Trichlorobenzene	180	12.127	12.126	0.001	94	1033524	20.4	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	92	407272	16.2	
116 Naphthalene	128	12.375	12.375	0.0	100	2771695	22.6	
117 1,2,3-Trichlorobenzene	180	12.624	12.623	0.001	99	900936	18.2	
S 119 Trihalomethanes, Total	1				0		83.5	
S 120 1,2-Dichloroethene, Total	96				0		39.1	
S 121 1,3-Dichloropropene, Total	75				0		43.6	
S 122 Xylenes, Total	106				0		62.8	

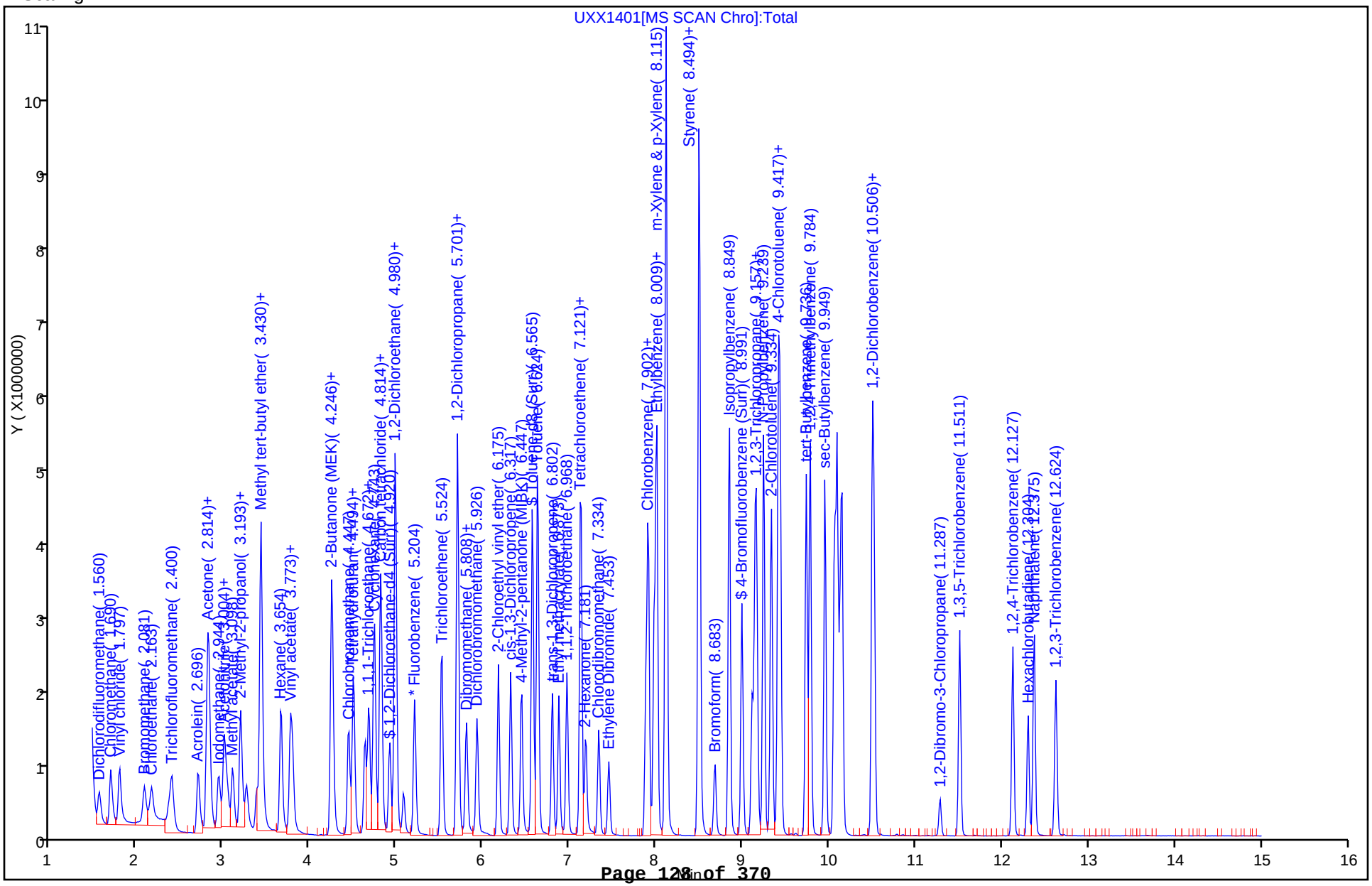
Report Date: 17-Dec-2012 09:35:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1401.D

Injection Date:	14-Dec-2012 15:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	3
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1402.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 14-Dec-2012 16:15:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 4
Sample ID: 240-0015869-004
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 68811 Lims Sample ID: 4
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:34 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 14-Dec-2012 16:52:59

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1972714	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1372066	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	91	826025	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	59	480236	10.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	561592	10.4	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	93	1829193	10.3	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	93	639616	10.2	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	97	367469	10.1	
13 Chloromethane	50	1.690	1.690	0.0	88	640285	9.83	
14 Vinyl chloride	62	1.796	1.796	0.0	97	637089	9.84	
16 Bromomethane	94	2.080	2.080	0.0	89	299602	9.86	
17 Chloroethane	64	2.163	2.163	0.0	100	364043	9.65	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	96	516118	9.85	
21 Acrolein	56	2.707	2.707	0.0	96	590361	99.8	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	97	478079	9.56	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	86	370380	9.49	
24 Acetone	43	2.826	2.826	0.0	61	247062	20.8	
26 Iodomethane	142	2.944	2.944	0.0	96	786944	9.92	
27 Carbon disulfide	76	3.003	3.003	0.0	99	1511067	9.92	
28 Acetonitrile	41	3.051	3.051	0.0	95	344829	97.6	
30 Methyl acetate	43	3.098	3.098	0.0	95	716425	19.4	
31 Methylene Chloride	84	3.193	3.193	0.0	90	579966	9.85	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	96	450805	198.8	
33 Acrylonitrile	53	3.382	3.382	0.0	100	347593	20.0	
35 Methyl tert-butyl ether	73	3.429	3.429	0.0	89	1345206	10.1	
34 trans-1,2-Dichloroethene	96	3.429	3.429	0.0	65	537762	9.93	
36 Hexane	86	3.666	3.666	0.0	92	103509	9.60	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	97	882807	9.86	
38 Vinyl acetate	86	3.796	3.796	0.0	96	80180	10.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.246	4.246	0.0	57	346151	19.1	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	81	570916	9.94	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	88	465524	10.0	
48 Chlorobromomethane	128	4.447	4.447	0.0	92	270865	9.59	
49 Tetrahydrofuran	42	4.494	4.494	0.0	91	122366	9.72	
50 Chloroform	83	4.494	4.494	0.0	92	888343	9.82	
51 1,1,1-Trichloroethane	97	4.672	4.672	0.0	92	653910	9.96	
52 Cyclohexane	56	4.743	4.743	0.0	89	825127	10.0	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	94	656670	9.88	
54 Carbon tetrachloride	117	4.825	4.825	0.0	80	568496	9.93	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	52	621111	9.85	
57 Benzene	78	4.979	4.979	0.0	94	2072804	9.64	
61 Trichloroethene	130	5.524	5.524	0.0	96	535904	9.76	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	81	475830	10.0	
63 Methylcyclohexane	83	5.701	5.701	0.0	90	723017	10.0	
66 Dibromomethane	93	5.808	5.808	0.0	92	278287	9.87	
67 1,4-Dioxane	88	5.808	5.808	0.0	90	152231	528.3	
68 Dichlorobromomethane	83	5.926	5.926	0.0	94	585738	9.99	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	90	499763	20.3	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	92	683552	10.2	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	96	730318	20.0	
73 Toluene	91	6.624	6.624	0.0	95	2181955	9.94	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	92	587888	10.1	
75 Ethyl methacrylate	69	6.873	6.873	0.0	88	547095	9.48	
76 1,1,2-Trichloroethane	97	6.967	6.967	0.0	90	415376	9.76	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	94	719931	9.74	
78 Tetrachloroethene	164	7.133	7.133	0.0	92	436221	9.72	
79 2-Hexanone	43	7.192	7.192	0.0	95	501002	20.7	
81 Chlorodibromomethane	129	7.334	7.334	0.0	88	449306	10.3	
83 Ethylene Dibromide	107	7.452	7.452	0.0	98	411739	9.84	
85 Chlorobenzene	112	7.914	7.914	0.0	97	1393142	9.65	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	85	491018	9.95	
87 Ethylbenzene	106	8.008	8.008	0.0	97	738252	10.0	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	100	1880784	20.2	
89 o-Xylene	106	8.494	8.494	0.0	90	919839	10.3	
90 Styrene	104	8.505	8.505	0.0	93	1511468	10.3	
91 Bromoform	173	8.683	8.683	0.0	99	281993	9.97	
92 Isopropylbenzene	105	8.849	8.849	0.0	94	2200056	10.1	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	88	582186	9.89	
96 Bromobenzene	156	9.144	9.144	0.0	90	613898	9.75	
97 1,2,3-Trichloropropane	110	9.156	9.156	0.0	76	192099	10.0	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	75	143098	9.83	
99 N-Propylbenzene	120	9.239	9.239	0.0	97	635760	10.4	
100 2-Chlorotoluene	126	9.334	9.334	0.0	97	576466	9.99	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	93	1826608	10.4	
102 4-Chlorotoluene	126	9.440	9.440	0.0	98	615149	10.0	
103 tert-Butylbenzene	119	9.736	9.736	0.0	89	1511971	9.62	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	85	1879912	10.4	
105 sec-Butylbenzene	105	9.949	9.949	0.0	92	2000156	10.2	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	87	1133384	9.74	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	97	1724457	10.3	
108 1,4-Dichlorobenzene	146	10.150	10.150	0.0	94	1207911	9.57	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.493	10.493	0.0	97	1351363	10.1	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	99	1107131	9.92	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.286	0.0	78	90506	10.3	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	97	619057	10.1	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	93	535668	10.2	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	96	235730	9.01	
116 Naphthalene	128	12.375	12.375	0.0	100	1422425	11.1	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	0.0	99	501922	9.74	
S 119 Trihalomethanes, Total	1				0		40.1	
S 120 1,2-Dichloroethene, Total	96				0		19.9	
S 121 1,3-Dichloropropene, Total	75				0		20.3	
S 122 Xylenes, Total	106				0		30.4	

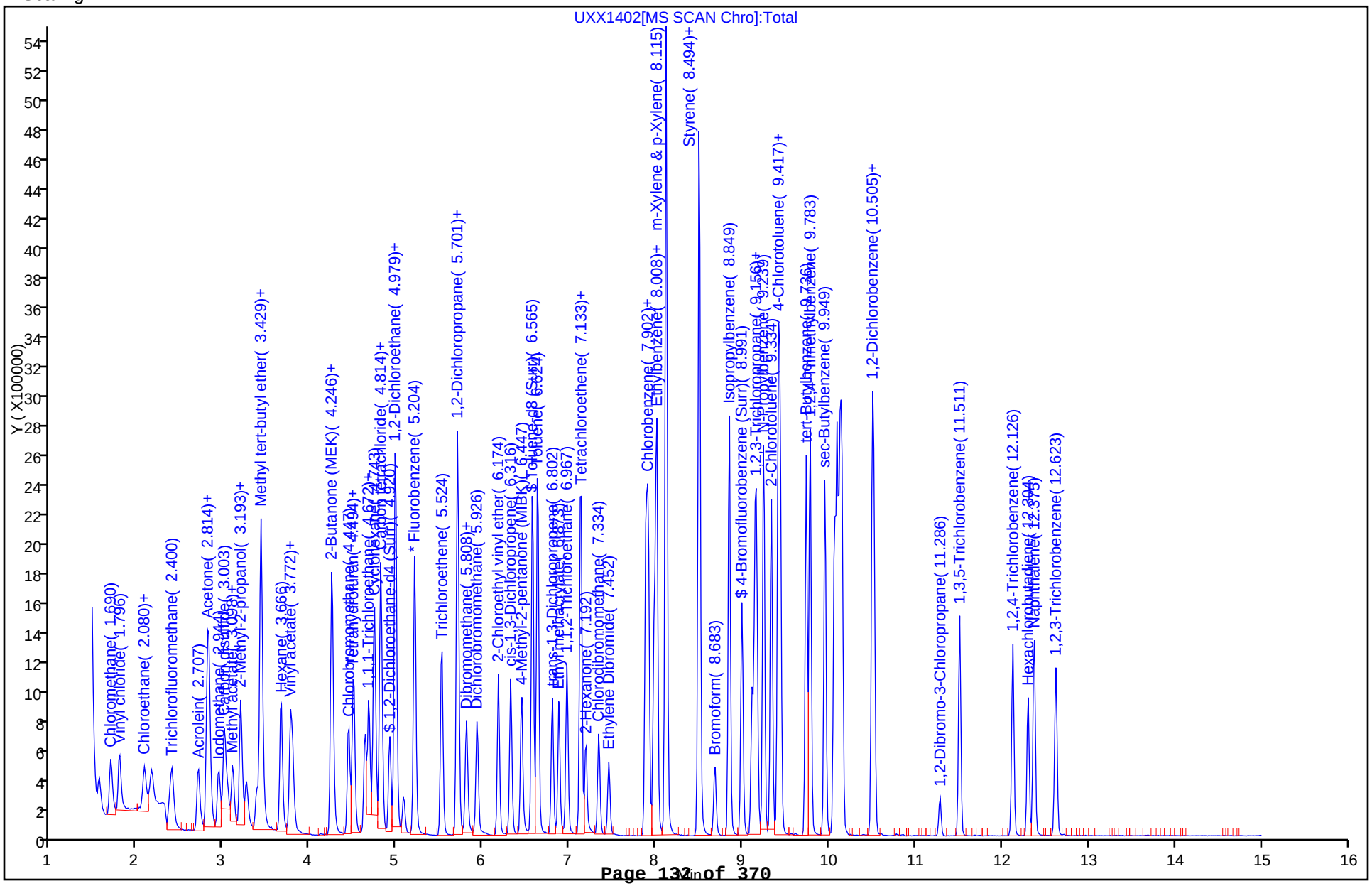
Report Date: 17-Dec-2012 09:35:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1402.D

Injection Date:	14-Dec-2012 16:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	4
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1403.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 14-Dec-2012 16:36:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015869-005
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68811 Lims Sample ID: 5
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:35 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	2090185	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	84	1389898	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	92	825944	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	57	251766	5.15	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	283109	4.96	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	82	924741	5.14	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	92	320732	5.07	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	97	195190	5.05	
13 Chloromethane	50	1.690	1.690	0.0	87	319288	4.63	
14 Vinyl chloride	62	1.785	1.796	-0.011	97	334620	4.88	
16 Bromomethane	94	2.081	2.080	0.001	88	162768	5.05	
17 Chloroethane	64	2.163	2.163	0.0	94	194942	4.88	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	95	279258	5.03	
21 Acrolein	56	2.708	2.707	0.001	94	316219	50.5	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	97	260297	4.91	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	88	195023	4.71	
24 Acetone	43	2.826	2.826	0.0	67	123882	9.34	
26 Iodomethane	142	2.944	2.944	0.0	97	417853	4.97	
27 Carbon disulfide	76	3.004	3.003	0.001	99	776307	4.81	
28 Acetonitrile	41	3.051	3.051	0.0	96	188394	50.3	
30 Methyl acetate	43	3.098	3.098	0.0	96	403759	10.3	
31 Methylene Chloride	84	3.193	3.193	0.0	83	332847	4.92	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	93	253376	105.4	
33 Acrylonitrile	53	3.382	3.382	0.0	99	192143	10.4	
35 Methyl tert-butyl ether	73	3.430	3.429	0.001	89	700832	4.97	
34 trans-1,2-Dichloroethene	96	3.430	3.429	0.001	67	281119	4.90	
36 Hexane	86	3.666	3.666	0.0	93	55548	4.86	
37 1,1-Dichloroethane	63	3.773	3.772	0.001	96	464711	4.90	
38 Vinyl acetate	86	3.796	3.796	0.0	96	40276	4.97	
42 2-Butanone (MEK)	43	4.246	4.246	0.0	56	195379	10.2	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	67	301005	4.95	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.257	0.001	74	247518	5.02	
48 Chlorobromomethane	128	4.447	4.447	0.0	88	147118	4.92	
49 Tetrahydrofuran	42	4.494	4.494	0.0	79	61864	4.64	
50 Chloroform	83	4.494	4.494	0.0	92	469599	4.90	
51 1,1,1-Trichloroethane	97	4.672	4.672	0.0	95	343724	4.94	
52 Cyclohexane	56	4.743	4.743	0.0	89	417191	4.78	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	94	348272	4.94	
54 Carbon tetrachloride	117	4.826	4.825	0.001	79	290391	4.79	
56 1,2-Dichloroethane	62	4.980	4.979	0.001	80	332746	4.98	
57 Benzene	78	4.980	4.979	0.001	94	1116074	4.90	
61 Trichloroethene	130	5.524	5.524	0.0	97	288125	4.95	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	77	246855	4.91	
63 Methylcyclohexane	83	5.701	5.701	0.0	86	363431	4.75	
66 Dibromomethane	93	5.808	5.808	0.0	91	147000	4.92	
67 1,4-Dioxane	88	5.808	5.808	0.0	92	86141	282.2	
68 Dichlorobromomethane	83	5.926	5.926	0.0	93	299266	4.82	
70 2-Chloroethyl vinyl ether	63	6.175	6.174	0.001	93	248859	9.53	
71 cis-1,3-Dichloropropene	75	6.317	6.316	0.001	91	342339	4.80	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	96	377538	9.76	
73 Toluene	91	6.624	6.624	0.0	99	1115595	5.02	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	89	285077	4.84	
75 Ethyl methacrylate	69	6.873	6.873	0.0	89	253577	4.61	
76 1,1,2-Trichloroethane	97	6.968	6.967	0.001	90	221646	5.14	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	93	371448	4.96	
78 Tetrachloroethene	164	7.133	7.133	0.0	95	233887	5.14	
79 2-Hexanone	43	7.181	7.192	-0.011	95	246809	10.1	
81 Chlorodibromomethane	129	7.334	7.334	0.0	88	220689	5.01	
83 Ethylene Dibromide	107	7.453	7.452	0.001	98	215997	5.09	
85 Chlorobenzene	112	7.914	7.914	0.0	97	718279	4.91	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	82	249379	4.99	
87 Ethylbenzene	106	8.009	8.008	0.001	97	375534	5.03	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	950545	10.1	
89 o-Xylene	106	8.494	8.494	0.0	94	452161	4.98	
90 Styrene	104	8.506	8.505	0.001	93	746678	5.00	
91 Bromoform	173	8.683	8.683	0.0	98	139362	4.86	
92 Isopropylbenzene	105	8.849	8.849	0.0	95	1092782	4.95	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	95	291936	4.96	
96 Bromobenzene	156	9.145	9.144	0.001	89	312609	4.96	
97 1,2,3-Trichloropropane	110	9.157	9.156	0.001	75	95077	4.97	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	67	72004	4.95	
99 N-Propylbenzene	120	9.239	9.239	0.0	98	304646	5.00	
100 2-Chlorotoluene	126	9.334	9.334	0.0	97	291871	5.06	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	94	897255	5.11	
102 4-Chlorotoluene	126	9.441	9.440	0.001	96	304121	4.95	
103 tert-Butylbenzene	119	9.736	9.736	0.0	89	828302	5.27	
104 1,2,4-Trimethylbenzene	105	9.784	9.783	0.001	84	916215	5.08	
105 sec-Butylbenzene	105	9.949	9.949	0.0	93	1006256	5.13	
106 1,3-Dichlorobenzene	146	10.068	10.067	0.001	96	591644	5.09	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	94	853074	5.10	
108 1,4-Dichlorobenzene	146	10.151	10.150	0.001	93	623927	4.94	
110 n-Butylbenzene	91	10.494	10.493	0.001	97	668858	5.01	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	99	574232	5.14	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.286	0.001	74	46693	5.31	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	98	324767	5.32	
114 1,2,4-Trichlorobenzene	180	12.127	12.126	0.001	89	277130	5.27	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	93	128818	4.92	
116 Naphthalene	128	12.375	12.375	0.0	100	709007	5.55	
117 1,2,3-Trichlorobenzene	180	12.624	12.623	0.001	98	271329	5.27	
S 119 Trihalomethanes, Total	1				0		19.6	
S 120 1,2-Dichloroethene, Total	96				0		9.85	
S 121 1,3-Dichloropropene, Total	75				0		9.64	
S 122 Xylenes, Total	106				0		15.0	

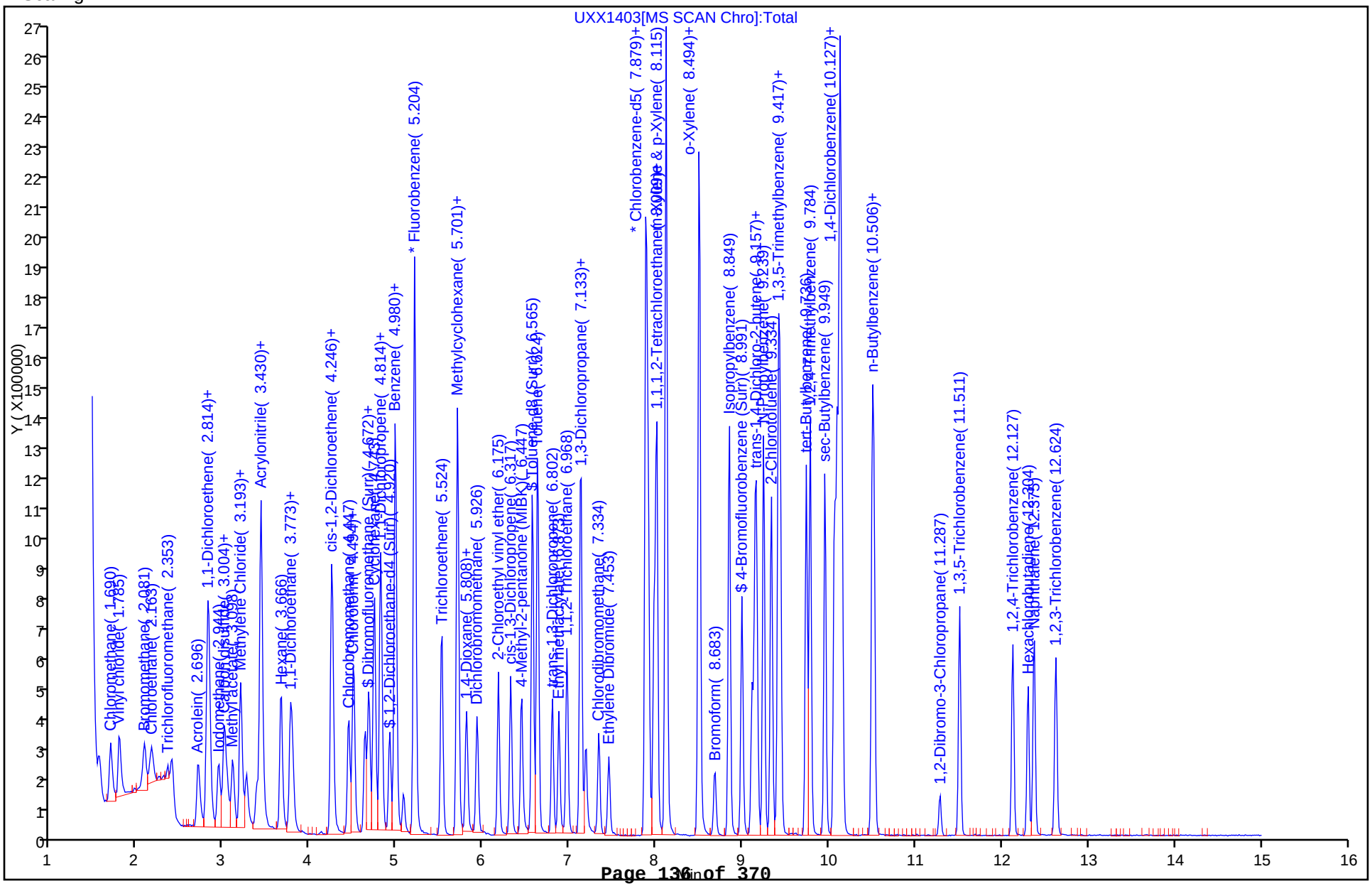
Report Date: 17-Dec-2012 09:35:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1403.D

Injection Date:	14-Dec-2012 16:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	5
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1404.D
Lims ID: STD8260 L2 Client ID:
Inject. Date: 14-Dec-2012 16:57:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015869-006
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68811 Lims Sample ID: 6
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:36 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1962036	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	85	1328069	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	92	806217	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	53	86392	1.88	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	106682	1.99	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	92	318950	1.85	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	91	113500	1.88	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	80	71948	1.98	
13 Chloromethane	50	1.689	1.690	-0.001	99	131438	2.03	
14 Vinyl chloride	62	1.796	1.796	0.0	78	127350	1.98	
16 Bromomethane	94	2.080	2.080	0.0	87	61559	2.04	
17 Chloroethane	64	2.163	2.163	0.0	92	76233	2.03	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	94	109640	2.10	
21 Acrolein	56	2.707	2.707	0.0	91	118104	20.1	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	95	104920	2.11	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	80	81824	2.11	
24 Acetone	43	2.825	2.826	-0.001	60	55185	3.95	
26 Iodomethane	142	2.944	2.944	0.0	96	158689	2.01	
27 Carbon disulfide	76	3.003	3.003	0.0	98	289306	1.91	
28 Acetonitrile	41	3.050	3.051	-0.001	94	72167	20.5	
30 Methyl acetate	43	3.109	3.098	0.011	96	145700	3.97	
31 Methylene Chloride	84	3.192	3.193	-0.001	89	153419	1.95	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	96	96112	42.6	
33 Acrylonitrile	53	3.382	3.382	0.0	98	68221	3.94	
35 Methyl tert-butyl ether	73	3.429	3.429	0.0	89	253570	1.92	
34 trans-1,2-Dichloroethene	96	3.429	3.429	0.0	72	107586	2.00	
36 Hexane	86	3.666	3.666	0.0	90	23363	2.18	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	95	180038	2.02	
38 Vinyl acetate	86	3.808	3.796	0.012	95	12565	1.65	
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	55	67000	3.73	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	76	111152	1.95	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.257	4.257	0.0	83	88390	1.91	
48 Chlorobromomethane	128	4.447	4.447	-0.001	86	59224	2.11	
49 Tetrahydrofuran	42	4.494	4.494	0.0	30	26729	2.13	
50 Chloroform	83	4.506	4.494	0.012	82	181502	2.02	
51 1,1,1-Trichloroethane	97	4.671	4.672	-0.001	91	127454	1.95	
52 Cyclohexane	56	4.742	4.743	-0.001	88	158733	1.94	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	92	130002	1.97	
54 Carbon tetrachloride	117	4.825	4.825	0.0	80	108482	1.91	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	46	125575	2.00	
57 Benzene	78	4.991	4.979	0.012	94	419287	1.96	
61 Trichloroethene	130	5.523	5.524	-0.001	93	105370	1.93	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	75	88848	1.88	
63 Methylcyclohexane	83	5.701	5.701	0.0	86	139383	1.94	
66 Dibromomethane	93	5.807	5.808	-0.001	86	52642	1.88	
67 1,4-Dioxane	88	5.807	5.808	-0.001	40	23007	80.3	
68 Dichlorobromomethane	83	5.926	5.926	0.0	97	105852	1.81	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	91	83867	3.42	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	86	115070	1.72	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	94	137346	3.78	
73 Toluene	91	6.624	6.624	0.0	94	391475	1.84	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	91	96889	1.72	
75 Ethyl methacrylate	69	6.872	6.873	-0.001	88	80366	1.86	
76 1,1,2-Trichloroethane	97	6.967	6.967	0.0	84	80829	1.96	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	88	139604	1.95	
78 Tetrachloroethene	164	7.133	7.133	0.0	92	85777	1.97	
79 2-Hexanone	43	7.192	7.192	0.0	91	85516	3.65	
81 Chlorodibromomethane	129	7.334	7.334	0.0	84	71354	1.69	
83 Ethylene Dibromide	107	7.452	7.452	0.0	94	77017	1.90	
85 Chlorobenzene	112	7.914	7.914	0.0	97	267494	1.92	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	83	88467	1.85	
87 Ethylbenzene	106	8.008	8.008	0.0	96	130191	1.82	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	333111	3.69	
89 o-Xylene	106	8.493	8.494	-0.001	93	151628	1.75	
90 Styrene	104	8.505	8.505	0.0	92	251304	1.76	
91 Bromoform	173	8.683	8.683	0.0	96	50523	1.85	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	383482	1.82	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	85	116917	2.03	
96 Bromobenzene	156	9.144	9.144	0.0	90	120378	1.96	
97 1,2,3-Trichloropropane	110	9.168	9.156	0.012	81	39531	2.12	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	71	26124	1.84	
99 N-Propylbenzene	120	9.251	9.239	0.012	98	106115	1.78	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	97	106035	1.88	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	94	313803	1.83	
102 4-Chlorotoluene	126	9.440	9.440	0.0	96	114832	1.91	
103 tert-Butylbenzene	119	9.736	9.736	0.0	85	292170	1.90	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	75	324423	1.84	
105 sec-Butylbenzene	105	9.949	9.949	0.0	91	361742	1.89	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	96	222909	1.96	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	95	305478	1.87	
108 1,4-Dichlorobenzene	146	10.150	10.150	0.0	91	245211	1.99	
110 n-Butylbenzene	91	10.493	10.493	0.0	96	241423	1.85	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	96	213261	1.96	

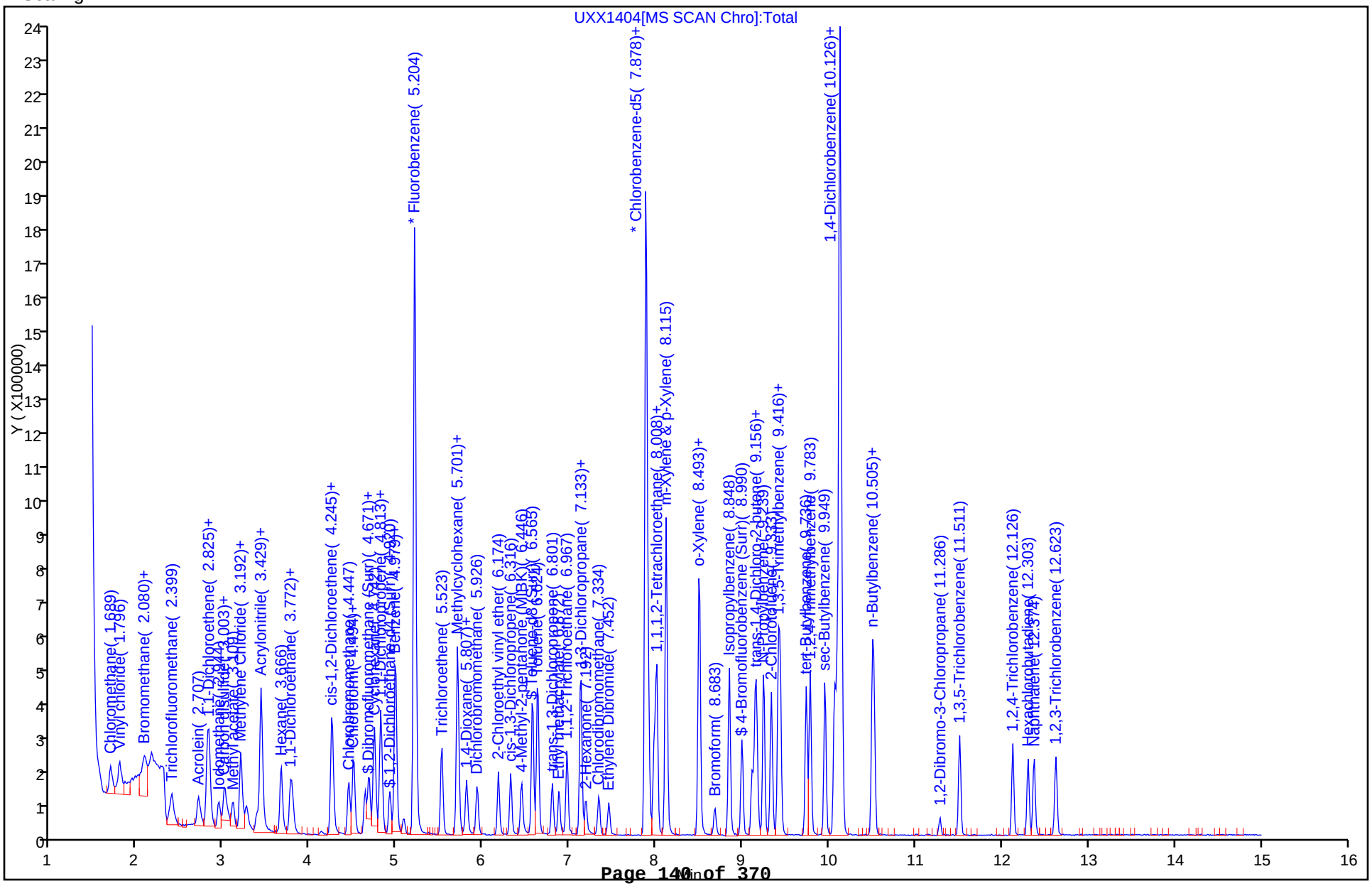
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.286	0.0	47	16687	1.94	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	95	124291	2.09	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	90	109926	2.14	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	86	58229	2.28	
116 Naphthalene	128	12.374	12.375	-0.001	100	243498	1.95	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	0.0	98	102615	2.04	
S 119 Trihalomethanes, Total	1				0		7.37	
S 120 1,2-Dichloroethene, Total	96				0		3.94	
S 121 1,3-Dichloropropene, Total	75				0		3.44	
S 122 Xylenes, Total	106				0		5.44	

Report Date: 17-Dec-2012 09:35:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1404.D		
Injection Date:	14-Dec-2012 16:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1405.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 14-Dec-2012 17:19:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015869-007
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68811 Lims Sample ID: 7
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:36 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 17-Dec-2012 07:46:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1835708	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	83	1246995	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	92	775321	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.636	0.0	53	42158	0.9815	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	49683	0.99	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	86	153502	0.9506	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	87	55001	0.9682	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	66	30879	0.9099	
13 Chloromethane	50	1.690	1.690	0.0	85	67830	1.12	
14 Vinyl chloride	62	1.797	1.796	0.001	83	65107	1.08	
16 Bromomethane	94	2.081	2.080	0.001	79	34128	1.21	
17 Chloroethane	64	2.175	2.163	0.012	81	39044	1.11	
19 Trichlorofluoromethane	101	2.400	2.388	0.012	84	53264	1.09	
21 Acrolein	56	2.708	2.707	0.001	88	55829	10.1	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	93	49912	1.07	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	75	40608	1.12	
24 Acetone	43	2.826	2.826	0.0	68	31865	2.09	
26 Iodomethane	142	2.944	2.944	0.0	93	79033	1.07	
27 Carbon disulfide	76	3.004	3.003	0.001	98	147001	1.04	
28 Acetonitrile	41	3.051	3.051	0.0	90	33234	10.1	
30 Methyl acetate	43	3.098	3.098	0.0	85	74236	2.16	
31 Methylene Chloride	84	3.193	3.193	0.0	87	98498	1.05	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	91	42011	19.9	
33 Acrylonitrile	53	3.382	3.382	0.0	99	32738	2.02	
35 Methyl tert-butyl ether	73	3.430	3.429	0.001	90	117426	0.9486	
34 trans-1,2-Dichloroethene	96	3.430	3.429	0.001	73	53022	1.05	
36 Hexane	86	3.666	3.666	0.0	87	10101	1.01	
37 1,1-Dichloroethane	63	3.773	3.772	0.001	80	86603	1.04	
38 Vinyl acetate	86	3.820	3.796	0.024	95	6515	0.9153	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.246	4.246	0.0	53	35644	2.12	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	76	56243	1.05	
44 2,2-Dichloropropane	77	4.258	4.257	0.001	70	41719	0.9625	
48 Chlorobromomethane	128	4.447	4.447	0.0	66	27240	1.04	
49 Tetrahydrofuran	42	4.495	4.494	0.0	33	12370	1.06	
50 Chloroform	83	4.506	4.494	0.012	78	88171	1.05	
51 1,1,1-Trichloroethane	97	4.684	4.672	0.012	89	61698	1.01	
52 Cyclohexane	56	4.743	4.743	0.0	87	77885	1.02	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	92	60486	0.9776	
54 Carbon tetrachloride	117	4.826	4.825	0.001	83	55305	1.04	
56 1,2-Dichloroethane	62	4.980	4.979	0.001	52	59264	1.01	
57 Benzene	78	4.991	4.979	0.012	93	212719	1.06	
61 Trichloroethene	130	5.524	5.524	0.0	93	53655	1.05	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	81	43830	0.99	
63 Methylcyclohexane	83	5.701	5.701	0.0	88	66442	0.9880	
66 Dibromomethane	93	5.808	5.808	0.0	85	28558	1.09	
67 1,4-Dioxane	88	5.820	5.808	0.012	22	11215	41.8	
68 Dichlorobromomethane	83	5.926	5.926	0.0	94	53902	0.9877	
70 2-Chloroethyl vinyl ether	63	6.175	6.174	0.001	79	40924	1.78	
71 cis-1,3-Dichloropropene	75	6.317	6.316	0.001	77	56936	0.9097	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	85	61798	1.82	
73 Toluene	91	6.636	6.624	0.012	95	201223	1.01	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	80	47071	0.8905	
75 Ethyl methacrylate	69	6.873	6.873	0.0	83	38268	1.19	
76 1,1,2-Trichloroethane	97	6.968	6.967	0.001	80	40879	1.06	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	86	68872	1.03	
78 Tetrachloroethene	164	7.133	7.133	0.0	87	41752	1.02	
79 2-Hexanone	43	7.192	7.192	0.0	87	38833	1.76	
81 Chlorodibromomethane	129	7.334	7.334	0.0	77	35521	0.8981	
83 Ethylene Dibromide	107	7.453	7.452	0.001	84	37474	0.9849	
85 Chlorobenzene	112	7.914	7.914	0.0	93	140412	1.07	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	78	44156	0.9850	
87 Ethylbenzene	106	8.009	8.008	0.001	96	63206	0.9435	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	153782	1.81	
89 o-Xylene	106	8.494	8.494	0.0	86	78906	0.9679	
90 Styrene	104	8.506	8.505	0.001	92	116186	0.8673	
91 Bromoform	173	8.683	8.683	0.0	90	21983	0.8551	
92 Isopropylbenzene	105	8.849	8.849	0.0	93	180463	0.9106	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	85	57603	1.04	
96 Bromobenzene	156	9.145	9.144	0.001	88	57702	0.9759	
97 1,2,3-Trichloropropane	110	9.157	9.156	0.001	67	17288	0.9620	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	60	12169	0.8905	
99 N-Propylbenzene	120	9.239	9.239	0.0	95	50472	0.8824	
100 2-Chlorotoluene	126	9.334	9.334	0.0	95	52302	0.9656	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	90	138525	0.8404	
102 4-Chlorotoluene	126	9.441	9.440	0.001	96	53322	0.9245	
103 tert-Butylbenzene	119	9.736	9.736	0.0	87	132732	0.8996	
104 1,2,4-Trimethylbenzene	105	9.784	9.783	0.001	71	145206	0.8575	
105 sec-Butylbenzene	105	9.949	9.949	0.0	87	165282	0.8971	
106 1,3-Dichlorobenzene	146	10.068	10.067	0.001	95	107876	0.9877	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	93	136793	0.8713	
108 1,4-Dichlorobenzene	146	10.151	10.150	0.001	78	126220	1.07	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.494	10.493	0.001	93	117119	0.9341	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	96	108086	1.03	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.286	0.001	33	8751	1.06	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	91	60296	1.05	
114 1,2,4-Trichlorobenzene	180	12.127	12.126	0.001	85	51604	1.04	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	80	28628	1.17	
116 Naphthalene	128	12.375	12.375	0.0	100	109730	0.9152	
117 1,2,3-Trichlorobenzene	180	12.624	12.623	0.001	92	50318	1.04	
S 119 Trihalomethanes, Total	1				0		3.79	
S 120 1,2-Dichloroethene, Total	96				0		2.10	
S 121 1,3-Dichloropropene, Total	75				0		1.80	
S 122 Xylenes, Total	106				0		2.78	

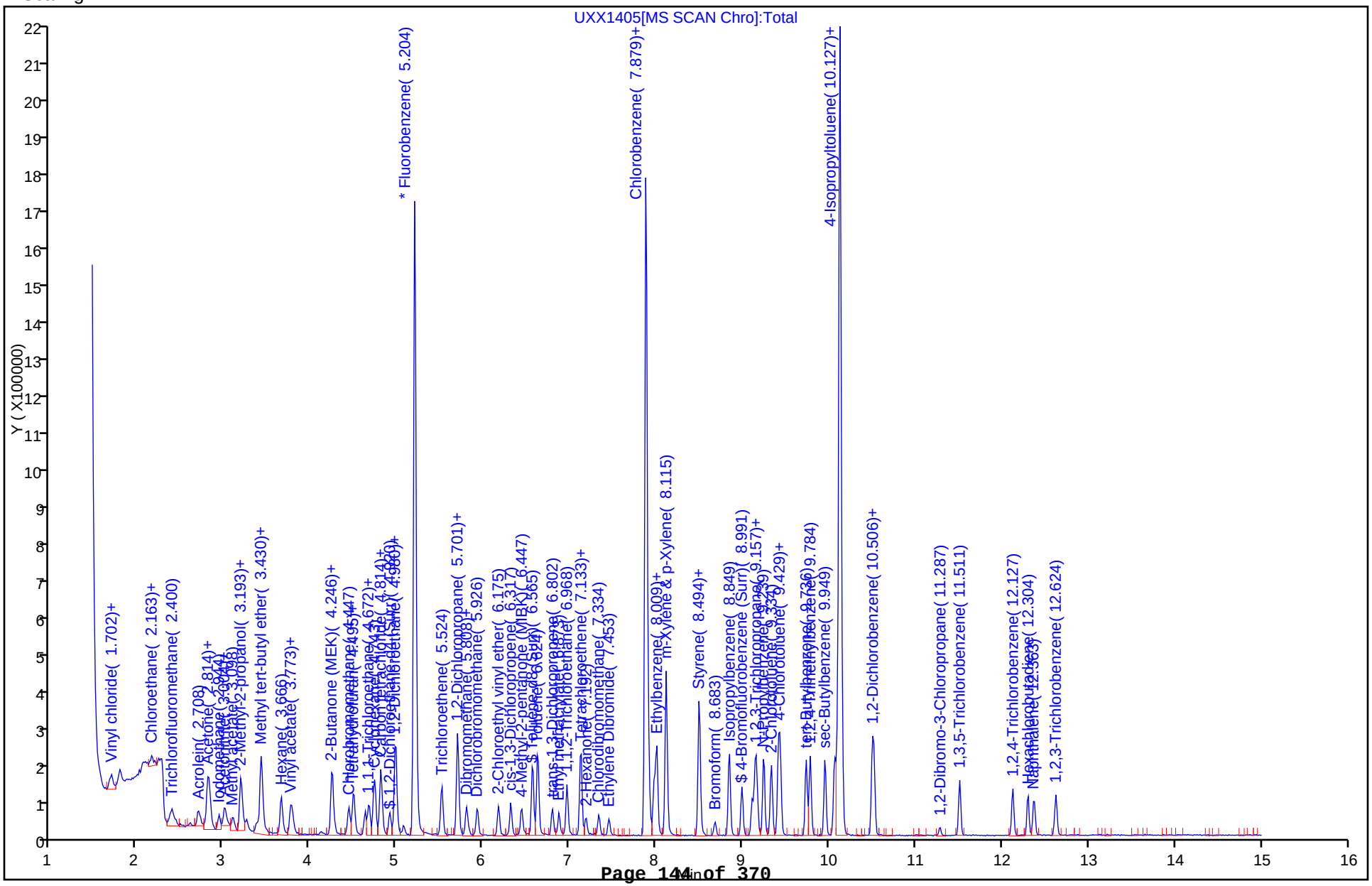
Report Date: 17-Dec-2012 09:35:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1405.D

Injection Date:	14-Dec-2012 17:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	7
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: ICV 240-68811/14 Calibration Date: 12/14/2012 19:48

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1412.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	0.1849	0.1781	0.1000	0.00964	0.0100	-3.6	20.0
Chloromethane	Ave	0.3300	0.3451	0.1000	0.0105	0.0100	4.6	20.0
Vinyl chloride	Ave	0.3283	0.3333	0.1000	0.0102	0.0100	1.5	20.0
Bromomethane	Ave	0.1541	0.1302	0.0500	0.00845	0.0100	-15.5	20.0
Chloroethane	Ave	0.1913	0.1906	0.0500	0.00996	0.0100	-0.4	20.0
Trichlorofluoromethane	Ave	0.2655	0.2654	0.1000	0.00999	0.0100	-0.0	20.0
Acrolein	Ave	0.0300	0.0307		0.0307	0.0300	2.4	20.0
1,1-Dichloroethene	Ave	0.2534	0.2608	0.1000	0.0103	0.0100	2.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1979	0.2135	0.0500	0.0108	0.0100	7.9	20.0
Acetone	Lin1		0.0652	0.0500	0.0217	0.0200	8.3	20.0
Iodomethane	Ave	0.4023	0.4289		0.0107	0.0100	6.6	20.0
Carbon disulfide	Ave	0.7720	0.7804	0.1000	0.0101	0.0100	1.1	20.0
Acetonitrile	Ave	0.0179	0.0196		0.0329	0.0300	9.7	20.0
Methyl acetate	Ave	0.1872	0.1944	0.1000	0.0104	0.0100	3.9	20.0
Methylene Chloride	Lin1		0.3061	0.1000	0.0103	0.0100	3.0	20.0
2-Methyl-2-propanol	Ave	0.0115	0.0118		0.206	0.200	2.9	20.0
Acrylonitrile	Ave	0.0883	0.0886		0.0301	0.0300	0.4	20.0
Methyl tert-butyl ether	Ave	0.6743	0.6914	0.1000	0.0103	0.0100	2.5	20.0
trans-1,2-Dichloroethene	Ave	0.2746	0.2794	0.1000	0.0102	0.0100	1.7	20.0
1,1-Dichloroethane	Ave	0.4540	0.4781	0.1000	0.0105	0.0100	5.3	20.0
Vinyl acetate	Ave	0.0388	0.0476		0.0123	0.0100	22.8*	20.0
2-Butanone (MEK)	Ave	0.0917	0.0892	0.0500	0.0195	0.0200	-2.7	20.0
cis-1,2-Dichloroethene	Ave	0.2910	0.2955	0.1000	0.0102	0.0100	1.5	20.0
2,2-Dichloropropane	Ave	0.2361	0.2368		0.0100	0.0100	0.3	20.0
Bromochloromethane	Ave	0.1431	0.1424		0.00995	0.0100	-0.5	20.0
Chloroform	Ave	0.4586	0.4514	0.2000	0.00984	0.0100	-1.6	20.0
1,1,1-Trichloroethane	Ave	0.3330	0.3403	0.1000	0.0102	0.0100	2.2	20.0
Cyclohexane	Ave	0.4179	0.4047	0.1000	0.00969	0.0100	-3.1	20.0
1,1-Dichloropropene	Ave	0.3371	0.3370		0.0100	0.0100	-0.0	20.0
Carbon tetrachloride	Ave	0.2901	0.2931	0.1000	0.0101	0.0100	1.0	20.0
1,2-Dichloroethane	Ave	0.3198	0.3310	0.1000	0.0103	0.0100	3.5	20.0
Benzene	Ave	1.090	1.124	0.5000	0.0103	0.0100	3.1	20.0
Trichloroethene	Ave	0.2783	0.2825	0.2000	0.0102	0.0100	1.5	20.0
1,2-Dichloropropane	Ave	0.2403	0.2490	0.1000	0.0104	0.0100	3.6	20.0
Methylcyclohexane	Ave	0.3663	0.3589	0.1000	0.00980	0.0100	-2.0	20.0
Dibromomethane	Ave	0.1430	0.1496		0.0105	0.0100	4.6	20.0
Bromodichloromethane	Ave	0.2973	0.3096	0.1000	0.0104	0.0100	4.2	20.0
cis-1,3-Dichloropropene	Ave	0.3410	0.3302	0.1500	0.00968	0.0100	-3.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1850	0.1902	0.0500	0.0206	0.0200	2.8	20.0
Toluene	Ave	1.599	1.576	0.4000	0.00985	0.0100	-1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: ICV 240-68811/14 Calibration Date: 12/14/2012 19:48

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1412.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
trans-1,3-Dichloropropene	Ave	0.4239	0.4155	0.1000	0.00980	0.0100	-2.0	20.0
1,1,2-Trichloroethane	Ave	0.3101	0.3152	0.1000	0.0102	0.0100	1.6	20.0
1,3-Dichloropropane	Ave	0.5387	0.5259		0.00976	0.0100	-2.4	20.0
Tetrachloroethene	Ave	0.3273	0.3206	0.2000	0.00980	0.0100	-2.0	20.0
2-Hexanone	Ave	0.1765	0.1811	0.0500	0.0205	0.0200	2.6	20.0
Dibromochloromethane	Ave	0.3172	0.3095		0.00976	0.0100	-2.4	20.0
1,2-Dibromoethane	Ave	0.3051	0.3064		0.0100	0.0100	0.4	20.0
Chlorobenzene	Ave	1.052	1.025	0.3000	0.00974	0.0100	-2.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3595	0.3640		0.0101	0.0100	1.3	20.0
Ethylbenzene	Ave	0.5372	0.5358		0.00997	0.0100	-0.3	20.0
m-Xylene & p-Xylene	Ave	0.6797	0.6902		0.0203	0.0200	1.5	20.0
o-Xylene	Ave	0.6537	0.7057		0.0108	0.0100	8.0	20.0
Styrene	Ave	1.074	1.134	0.3000	0.0106	0.0100	5.5	20.0
Bromoform	Ave	0.2062	0.2059	0.1000	0.00999	0.0100	-0.1	20.0
Isopropylbenzene	Ave	1.589	1.653	0.1000	0.0104	0.0100	4.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7129	0.6718	0.3000	0.00942	0.0100	-5.8	20.0
Bromobenzene	Ave	0.7626	0.7311		0.00959	0.0100	-4.1	20.0
1,2,3-Trichloropropane	Ave	0.2318	0.2251		0.00971	0.0100	-2.9	20.0
N-Propylbenzene	Ave	0.7378	0.7503		0.0102	0.0100	1.7	20.0
2-Chlorotoluene	Ave	0.6986	0.6792		0.00972	0.0100	-2.8	20.0
1,3,5-Trimethylbenzene	Ave	2.126	2.194		0.0103	0.0100	3.2	20.0
4-Chlorotoluene	Ave	0.7439	0.7280		0.00979	0.0100	-2.1	20.0
tert-Butylbenzene	Ave	1.903	1.992		0.0105	0.0100	4.7	20.0
1,2,4-Trimethylbenzene	Ave	2.184	2.270		0.0104	0.0100	3.9	20.0
sec-Butylbenzene	Ave	2.376	2.360		0.00993	0.0100	-0.7	20.0
1,3-Dichlorobenzene	Ave	1.409	1.382	0.6000	0.00981	0.0100	-1.9	20.0
4-Isopropyltoluene	Ave	2.025	2.108		0.0104	0.0100	4.1	20.0
1,4-Dichlorobenzene	Ave	1.528	1.456	0.5000	0.00953	0.0100	-4.7	20.0
n-Butylbenzene	Ave	1.617	1.591		0.00984	0.0100	-1.6	20.0
1,2-Dichlorobenzene	Ave	1.352	1.342	0.4000	0.00993	0.0100	-0.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1064	0.0956	0.0500	0.00898	0.0100	-10.2	20.0
1,2,4-Trichlorobenzene	Ave	0.6371	0.5644	0.2000	0.00886	0.0100	-11.4	20.0
Hexachlorobutadiene	Ave	0.3169	0.2145		0.00677	0.0100	-32.3*	20.0
Naphthalene	Ave	1.546	1.312		0.00848	0.0100	-15.2	20.0
1,2,3-Trichlorobenzene	Ave	0.6235	0.5198		0.00834	0.0100	-16.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2340	0.2359		0.0101	0.0100	0.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2717		0.00994	0.0100	-0.6	20.0
Toluene-d8 (Surr)	Ave	1.295	1.244		0.00961	0.0100	-3.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4556	0.4636		0.0102	0.0100	1.8	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D
Lims ID: ICV Client ID:
Inject. Date: 14-Dec-2012 19:48:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015869-014
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68811 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:40 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 17-Dec-2012 08:06:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.206	-0.003	99	1915294	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.880	-0.002	82	1350521	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	89	869619	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.636	-0.001	60	451763	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.920	-0.001	0	520320	9.94	
$ 7 Toluene-d8 (Surr)	98	6.564	6.565	-0.001	93	1680659	9.61	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	93	626111	10.2	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	98	341181	9.64	
13 Chloromethane	50	1.701	1.690	0.011	89	660914	10.5	
14 Vinyl chloride	62	1.795	1.796	-0.001	97	638431	10.2	
16 Bromomethane	94	2.091	2.080	0.011	89	249381	8.45	
17 Chloroethane	64	2.174	2.163	0.011	99	365103	9.96	
19 Trichlorofluoromethane	101	2.399	2.388	0.011	97	508316	10.0	
20 Ethyl ether	59	2.600	2.603	-0.003	89	444403	11.0	
21 Acrolein	56	2.707	2.707	0.0	91	176270	30.7	
23 1,1-Dichloroethene	96	2.813	2.814	-0.001	89	499594	10.3	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	85	408984	10.8	
24 Acetone	43	2.825	2.826	-0.001	77	249719	21.7	
26 Iodomethane	142	2.943	2.944	-0.001	96	821429	10.7	
27 Carbon disulfide	76	3.014	3.003	0.011	98	1494759	10.1	
28 Acetonitrile	41	3.050	3.051	-0.001	93	112862	32.9	
30 Methyl acetate	43	3.109	3.098	0.011	96	372393	10.4	
31 Methylene Chloride	84	3.192	3.193	-0.001	86	586301	10.3	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	94	453145	205.8	
33 Acrylonitrile	53	3.381	3.382	-0.001	99	509210	30.1	
35 Methyl tert-butyl ether	73	3.428	3.429	-0.001	90	1324273	10.3	
34 trans-1,2-Dichloroethene	96	3.428	3.429	-0.001	68	535072	10.2	
36 Hexane	86	3.665	3.666	-0.001	93	105404	10.1	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	96	915711	10.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.796	-0.001	97	91172	12.3	
39 Isopropyl ether	87	3.819	3.822	-0.003	95	483926	11.1	
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	57	341673	19.5	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	82	565872	10.2	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	89	453477	10.0	
48 Chlorobromomethane	128	4.446	4.447	-0.001	92	272714	9.95	
49 Tetrahydrofuran	42	4.493	4.494	-0.001	88	122224	10.0	
50 Chloroform	83	4.505	4.494	0.011	81	864569	9.84	
51 1,1,1-Trichloroethane	97	4.683	4.672	0.011	87	651810	10.2	
52 Cyclohexane	56	4.742	4.743	-0.001	88	775149	9.69	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	94	645389	10.0	
54 Carbon tetrachloride	117	4.825	4.825	0.0	93	561303	10.1	
55 Isobutyl alcohol	41	4.848	4.851	-0.003	94	591375	528.7	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	46	633870	10.3	
57 Benzene	78	4.990	4.979	0.011	95	2152834	10.3	
61 Trichloroethene	130	5.523	5.524	-0.001	92	541034	10.2	
64 1,2-Dichloropropane	63	5.700	5.701	-0.001	87	476819	10.4	
63 Methylcyclohexane	83	5.700	5.701	-0.001	86	687408	9.80	
66 Dibromomethane	93	5.807	5.808	-0.001	85	286527	10.5	
68 Dichlorobromomethane	83	5.925	5.926	-0.001	94	593053	10.4	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	93	232673	9.72	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	91	632357	9.68	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	96	728603	20.6	
73 Toluene	91	6.623	6.624	-0.001	97	2128346	9.85	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	89	561096	9.80	
76 1,1,2-Trichloroethane	97	6.966	6.967	-0.001	84	425622	10.2	
77 1,3-Dichloropropane	76	7.120	7.121	-0.001	91	710209	9.76	
78 Tetrachloroethene	164	7.132	7.133	-0.001	94	432984	9.80	
79 2-Hexanone	43	7.179	7.192	-0.013	96	489016	20.5	
81 Chlorodibromomethane	129	7.333	7.334	-0.001	90	417940	9.76	
83 Ethylene Dibromide	107	7.452	7.452	0.0	96	413800	10.0	
85 Chlorobenzene	112	7.913	7.914	-0.001	97	1384146	9.74	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.973	-0.001	89	491600	10.1	
87 Ethylbenzene	106	8.008	8.008	0.0	97	723658	9.97	
88 m-Xylene & p-Xylene	106	8.114	8.115	-0.001	99	1864199	20.3	
89 o-Xylene	106	8.493	8.494	-0.001	91	953109	10.8	
90 Styrene	104	8.505	8.505	0.0	92	1530890	10.6	
91 Bromoform	173	8.682	8.683	-0.001	98	278064	9.99	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	2232723	10.4	
94 Cyclohexanone	55	8.931	8.934	-0.003	87	227738	47.5	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.109	-0.001	93	584187	9.42	
96 Bromobenzene	156	9.144	9.144	0.0	90	635774	9.59	
97 1,2,3-Trichloropropane	110	9.155	9.156	-0.001	72	195777	9.71	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.168	-0.001	78	293007	19.1	
99 N-Propylbenzene	120	9.250	9.239	0.011	97	652491	10.2	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	97	590662	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	93	1908167	10.3	
102 4-Chlorotoluene	126	9.439	9.440	-0.001	98	633118	9.79	
103 tert-Butylbenzene	119	9.735	9.736	-0.001	89	1732084	10.5	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	76	1973701	10.4	
105 sec-Butylbenzene	105	9.948	9.949	-0.001	92	2051953	9.93	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	96	1201441	9.81	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.091	-0.001	92	1833220	10.4	
108 1,4-Dichlorobenzene	146	10.149	10.150	-0.001	95	1266549	9.53	
109 1,2,3-Trimethylbenzene	105	10.197	10.200	-0.003	95	2038446	11.1	
110 n-Butylbenzene	91	10.504	10.493	0.011	93	1383856	9.84	
111 1,2-Dichlorobenzene	146	10.516	10.517	-0.001	98	1166801	9.93	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.286	-0.001	80	83097	8.98	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	93	490825	8.86	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	92	186526	6.77	
116 Naphthalene	128	12.374	12.375	-0.001	100	1140702	8.48	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	-0.001	99	452064	8.34	
S 119 Trihalomethanes, Total	1				0		40.0	
S 120 1,2-Dichloroethene, Total	96				0		20.3	
S 122 Xylenes, Total	106				0		31.1	

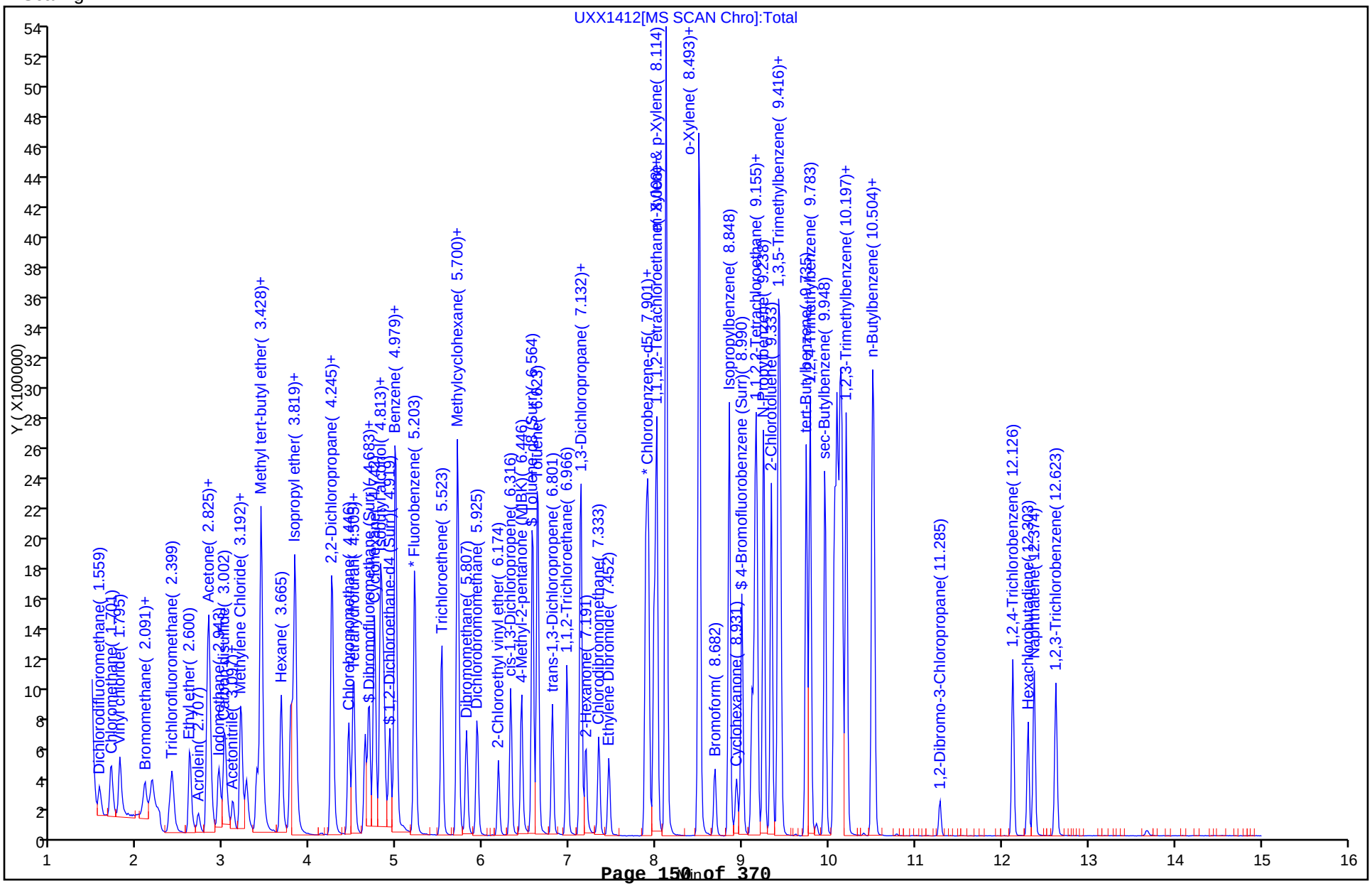
Report Date: 17-Dec-2012 09:35:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D

Injection Date:	14-Dec-2012 19:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: ICV 240-68811/14 Calibration Date: 12/14/2012 19:48

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 17:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 19:27

Lab File ID: UXX1412.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
Isobutyl alcohol	Ave	0.0083	0.0088		0.529	0.500	5.7	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D
Lims ID: ICV Client ID:
Inject. Date: 14-Dec-2012 19:48:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015869-014
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68811 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:40 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 17-Dec-2012 08:06:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.206	-0.003	99	1915294	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.880	-0.002	82	1350521	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	89	869619	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.636	-0.001	60	451763	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.920	-0.001	0	520320	9.94	
$ 7 Toluene-d8 (Surr)	98	6.564	6.565	-0.001	93	1680659	9.61	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	93	626111	10.2	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	98	341181	9.64	
13 Chloromethane	50	1.701	1.690	0.011	89	660914	10.5	
14 Vinyl chloride	62	1.795	1.796	-0.001	97	638431	10.2	
16 Bromomethane	94	2.091	2.080	0.011	89	249381	8.45	
17 Chloroethane	64	2.174	2.163	0.011	99	365103	9.96	
19 Trichlorofluoromethane	101	2.399	2.388	0.011	97	508316	10.0	
20 Ethyl ether	59	2.600	2.603	-0.003	89	444403	11.0	
21 Acrolein	56	2.707	2.707	0.0	91	176270	30.7	
23 1,1-Dichloroethene	96	2.813	2.814	-0.001	89	499594	10.3	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	85	408984	10.8	
24 Acetone	43	2.825	2.826	-0.001	77	249719	21.7	
26 Iodomethane	142	2.943	2.944	-0.001	96	821429	10.7	
27 Carbon disulfide	76	3.014	3.003	0.011	98	1494759	10.1	
28 Acetonitrile	41	3.050	3.051	-0.001	93	112862	32.9	
30 Methyl acetate	43	3.109	3.098	0.011	96	372393	10.4	
31 Methylene Chloride	84	3.192	3.193	-0.001	86	586301	10.3	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	94	453145	205.8	
33 Acrylonitrile	53	3.381	3.382	-0.001	99	509210	30.1	
35 Methyl tert-butyl ether	73	3.428	3.429	-0.001	90	1324273	10.3	
34 trans-1,2-Dichloroethene	96	3.428	3.429	-0.001	68	535072	10.2	
36 Hexane	86	3.665	3.666	-0.001	93	105404	10.1	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	96	915711	10.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.796	-0.001	97	91172	12.3	
39 Isopropyl ether	87	3.819	3.822	-0.003	95	483926	11.1	
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	57	341673	19.5	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	82	565872	10.2	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	89	453477	10.0	
48 Chlorobromomethane	128	4.446	4.447	-0.001	92	272714	9.95	
49 Tetrahydrofuran	42	4.493	4.494	-0.001	88	122224	10.0	
50 Chloroform	83	4.505	4.494	0.011	81	864569	9.84	
51 1,1,1-Trichloroethane	97	4.683	4.672	0.011	87	651810	10.2	
52 Cyclohexane	56	4.742	4.743	-0.001	88	775149	9.69	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	94	645389	10.0	
54 Carbon tetrachloride	117	4.825	4.825	0.0	93	561303	10.1	
55 Isobutyl alcohol	41	4.848	4.851	-0.003	94	591375	528.7	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	46	633870	10.3	
57 Benzene	78	4.990	4.979	0.011	95	2152834	10.3	
61 Trichloroethene	130	5.523	5.524	-0.001	92	541034	10.2	
64 1,2-Dichloropropane	63	5.700	5.701	-0.001	87	476819	10.4	
63 Methylcyclohexane	83	5.700	5.701	-0.001	86	687408	9.80	
66 Dibromomethane	93	5.807	5.808	-0.001	85	286527	10.5	
68 Dichlorobromomethane	83	5.925	5.926	-0.001	94	593053	10.4	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	93	232673	9.72	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	91	632357	9.68	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	96	728603	20.6	
73 Toluene	91	6.623	6.624	-0.001	97	2128346	9.85	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	89	561096	9.80	
76 1,1,2-Trichloroethane	97	6.966	6.967	-0.001	84	425622	10.2	
77 1,3-Dichloropropane	76	7.120	7.121	-0.001	91	710209	9.76	
78 Tetrachloroethene	164	7.132	7.133	-0.001	94	432984	9.80	
79 2-Hexanone	43	7.179	7.192	-0.013	96	489016	20.5	
81 Chlorodibromomethane	129	7.333	7.334	-0.001	90	417940	9.76	
83 Ethylene Dibromide	107	7.452	7.452	0.0	96	413800	10.0	
85 Chlorobenzene	112	7.913	7.914	-0.001	97	1384146	9.74	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.973	-0.001	89	491600	10.1	
87 Ethylbenzene	106	8.008	8.008	0.0	97	723658	9.97	
88 m-Xylene & p-Xylene	106	8.114	8.115	-0.001	99	1864199	20.3	
89 o-Xylene	106	8.493	8.494	-0.001	91	953109	10.8	
90 Styrene	104	8.505	8.505	0.0	92	1530890	10.6	
91 Bromoform	173	8.682	8.683	-0.001	98	278064	9.99	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	2232723	10.4	
94 Cyclohexanone	55	8.931	8.934	-0.003	87	227738	47.5	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.109	-0.001	93	584187	9.42	
96 Bromobenzene	156	9.144	9.144	0.0	90	635774	9.59	
97 1,2,3-Trichloropropane	110	9.155	9.156	-0.001	72	195777	9.71	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.168	-0.001	78	293007	19.1	
99 N-Propylbenzene	120	9.250	9.239	0.011	97	652491	10.2	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	97	590662	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	93	1908167	10.3	
102 4-Chlorotoluene	126	9.439	9.440	-0.001	98	633118	9.79	
103 tert-Butylbenzene	119	9.735	9.736	-0.001	89	1732084	10.5	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	76	1973701	10.4	
105 sec-Butylbenzene	105	9.948	9.949	-0.001	92	2051953	9.93	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	96	1201441	9.81	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.091	-0.001	92	1833220	10.4	
108 1,4-Dichlorobenzene	146	10.149	10.150	-0.001	95	1266549	9.53	
109 1,2,3-Trimethylbenzene	105	10.197	10.200	-0.003	95	2038446	11.1	
110 n-Butylbenzene	91	10.504	10.493	0.011	93	1383856	9.84	
111 1,2-Dichlorobenzene	146	10.516	10.517	-0.001	98	1166801	9.93	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.286	-0.001	80	83097	8.98	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	93	490825	8.86	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	92	186526	6.77	
116 Naphthalene	128	12.374	12.375	-0.001	100	1140702	8.48	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	-0.001	99	452064	8.34	
S 119 Trihalomethanes, Total	1				0		40.0	
S 120 1,2-Dichloroethene, Total	96				0		20.3	
S 122 Xylenes, Total	106				0		31.1	

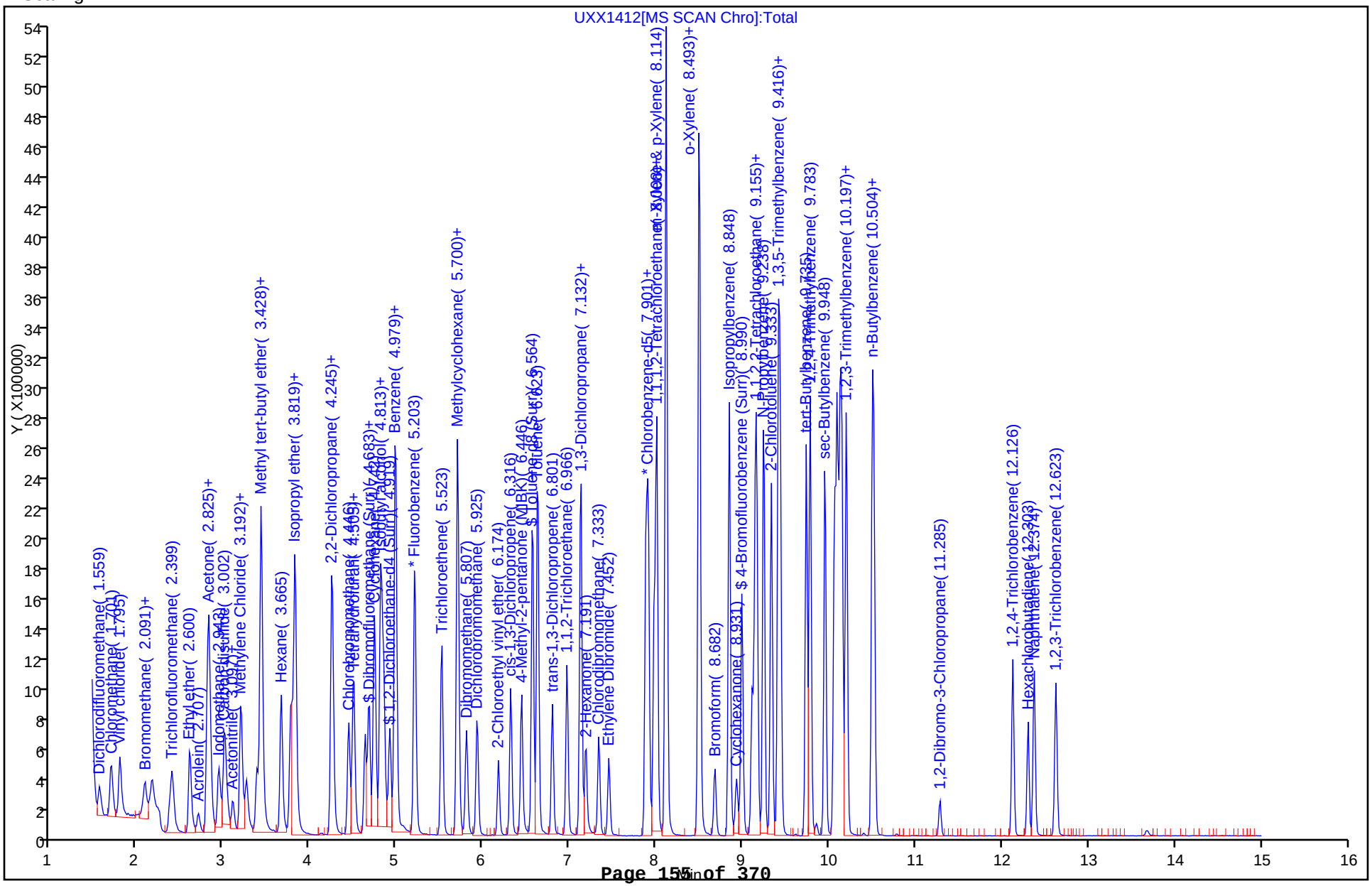
Report Date: 17-Dec-2012 09:35:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D

Injection Date:	14-Dec-2012 19:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69591/2 Calibration Date: 12/20/2012 11:59

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1587.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	0.1849	0.2428	0.1000	0.0131	0.0100	31.3*	20.0
Chloromethane	Ave	0.3300	0.3325	0.1000	0.0101	0.0100	0.8	20.0
Vinyl chloride	Ave	0.3283	0.3419	0.1000	0.0104	0.0100	4.1	20.0
Bromomethane	Ave	0.1541	0.1591	0.0500	0.0103	0.0100	3.3	20.0
Chloroethane	Ave	0.1913	0.2007	0.0500	0.0105	0.0100	4.9	20.0
Trichlorofluoromethane	Ave	0.2655	0.3008	0.1000	0.0113	0.0100	13.3	20.0
Acrolein	Ave	0.0300	0.0267		0.0891	0.100	-10.9	20.0
1,1-Dichloroethene	Ave	0.2534	0.2472	0.1000	0.00975	0.0100	-2.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1979	0.2344	0.0500	0.0118	0.0100	18.4	20.0
Acetone	Lin1		0.0519	0.0500	0.0170	0.0200	-14.8	20.0
Iodomethane	Ave	0.4023	0.4280		0.0106	0.0100	6.4	20.0
Carbon disulfide	Ave	0.7720	0.8568	0.1000	0.0111	0.0100	11.0	20.0
Acetonitrile	Ave	0.0179	0.0173		0.0968	0.100	-3.2	20.0
Methyl acetate	Ave	0.1872	0.1703	0.1000	0.0182	0.0200	-9.0	20.0
Methylene Chloride	Lin1		0.3102	0.1000	0.0104	0.0100	4.5	20.0
2-Methyl-2-propanol	Ave	0.0115	0.0108		0.187	0.200	-6.5	20.0
Acrylonitrile	Ave	0.0883	0.0806		0.0183	0.0200	-8.7	20.0
Methyl tert-butyl ether	Ave	0.6743	0.6673	0.1000	0.00990	0.0100	-1.0	20.0
trans-1,2-Dichloroethene	Ave	0.2746	0.2868	0.1000	0.0104	0.0100	4.4	20.0
1,1-Dichloroethane	Ave	0.4540	0.4459	0.1000	0.00982	0.0100	-1.8	20.0
Vinyl acetate	Ave	0.0388	0.0374		0.00964	0.0100	-3.6	20.0
2-Butanone (MEK)	Ave	0.0917	0.0840	0.0500	0.0183	0.0200	-8.3	20.0
cis-1,2-Dichloroethene	Ave	0.2910	0.2933	0.1000	0.0101	0.0100	0.8	20.0
2,2-Dichloropropane	Ave	0.2361	0.2655		0.0112	0.0100	12.4	20.0
Bromochloromethane	Ave	0.1431	0.1495		0.0104	0.0100	4.4	20.0
Chloroform	Ave	0.4586	0.4564	0.2000	0.00995	0.0100	-0.5	20.0
1,1,1-Trichloroethane	Ave	0.3330	0.3477	0.1000	0.0104	0.0100	4.4	20.0
Cyclohexane	Ave	0.4179	0.4579	0.1000	0.0110	0.0100	9.6	20.0
1,1-Dichloropropene	Ave	0.3371	0.3422		0.0102	0.0100	1.5	20.0
Carbon tetrachloride	Ave	0.2901	0.2987	0.1000	0.0103	0.0100	3.0	20.0
1,2-Dichloroethane	Ave	0.3198	0.3051	0.1000	0.00954	0.0100	-4.6	20.0
Benzene	Ave	1.090	1.077	0.5000	0.00988	0.0100	-1.2	20.0
Trichloroethene	Ave	0.2783	0.2859	0.2000	0.0103	0.0100	2.8	20.0
1,2-Dichloropropane	Ave	0.2403	0.2440	0.1000	0.0102	0.0100	1.5	20.0
Methylcyclohexane	Ave	0.3663	0.3987	0.1000	0.0109	0.0100	8.8	20.0
Dibromomethane	Ave	0.1430	0.1424		0.00996	0.0100	-0.4	20.0
Bromodichloromethane	Ave	0.2973	0.2948	0.1000	0.00991	0.0100	-0.9	20.0
cis-1,3-Dichloropropene	Ave	0.3410	0.3354	0.1500	0.00984	0.0100	-1.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1850	0.1922	0.0500	0.0208	0.0200	3.9	20.0
Toluene	Ave	1.599	1.591	0.4000	0.00995	0.0100	-0.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69591/2 Calibration Date: 12/20/2012 11:59

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1587.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
trans-1,3-Dichloropropene	Ave	0.4239	0.3754	0.1000	0.00885	0.0100	-11.5	20.0
1,1,2-Trichloroethane	Ave	0.3101	0.2971	0.1000	0.00958	0.0100	-4.2	20.0
1,3-Dichloropropane	Ave	0.5387	0.5091		0.00945	0.0100	-5.5	20.0
Tetrachloroethene	Ave	0.3273	0.3397	0.2000	0.0104	0.0100	3.8	20.0
2-Hexanone	Ave	0.1765	0.1543	0.0500	0.0175	0.0200	-12.6	20.0
Dibromochloromethane	Ave	0.3172	0.3077		0.00970	0.0100	-3.0	20.0
1,2-Dibromoethane	Ave	0.3051	0.2939		0.00963	0.0100	-3.7	20.0
Chlorobenzene	Ave	1.052	1.033	0.3000	0.00982	0.0100	-1.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3595	0.3639		0.0101	0.0100	1.2	20.0
Ethylbenzene	Ave	0.5372	0.5531		0.0103	0.0100	3.0	20.0
m-Xylene & p-Xylene	Ave	0.6797	0.7177		0.0211	0.0200	5.6	20.0
o-Xylene	Ave	0.6537	0.6997		0.0107	0.0100	7.0	20.0
Styrene	Ave	1.074	1.123	0.3000	0.0105	0.0100	4.6	20.0
Bromoform	Ave	0.2062	0.1860	0.1000	0.00902	0.0100	-9.8	20.0
Isopropylbenzene	Ave	1.589	1.705	0.1000	0.0107	0.0100	7.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7129	0.6074	0.3000	0.00852	0.0100	-14.8	20.0
Bromobenzene	Ave	0.7626	0.7280		0.00955	0.0100	-4.5	20.0
1,2,3-Trichloropropane	Ave	0.2318	0.2044		0.00882	0.0100	-11.8	20.0
N-Propylbenzene	Ave	0.7378	0.7345		0.00996	0.0100	-0.4	20.0
2-Chlorotoluene	Ave	0.6986	0.6933		0.00992	0.0100	-0.8	20.0
1,3,5-Trimethylbenzene	Ave	2.126	2.225		0.0105	0.0100	4.6	20.0
4-Chlorotoluene	Ave	0.7439	0.7410		0.00996	0.0100	-0.4	20.0
tert-Butylbenzene	Ave	1.903	2.023		0.0106	0.0100	6.3	20.0
1,2,4-Trimethylbenzene	Ave	2.184	2.255		0.0103	0.0100	3.2	20.0
sec-Butylbenzene	Ave	2.376	2.431		0.0102	0.0100	2.3	20.0
1,3-Dichlorobenzene	Ave	1.409	1.401	0.6000	0.00995	0.0100	-0.5	20.0
4-Isopropyltoluene	Ave	2.025	2.093		0.0103	0.0100	3.3	20.0
1,4-Dichlorobenzene	Ave	1.528	1.493	0.5000	0.00977	0.0100	-2.3	20.0
n-Butylbenzene	Ave	1.617	1.597		0.00988	0.0100	-1.2	20.0
1,2-Dichlorobenzene	Ave	1.352	1.345	0.4000	0.00995	0.0100	-0.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1064	0.0897	0.0500	0.00843	0.0100	-15.7	20.0
1,2,4-Trichlorobenzene	Ave	0.6371	0.5861	0.2000	0.00920	0.0100	-8.0	20.0
Hexachlorobutadiene	Ave	0.3169	0.2329		0.00735	0.0100	-26.5*	20.0
Naphthalene	Ave	1.546	1.257		0.00813	0.0100	-18.7	20.0
1,2,3-Trichlorobenzene	Ave	0.6235	0.4971		0.00797	0.0100	-20.3*	20.0
Dibromofluoromethane (Surr)	Ave	0.2340	0.2339		0.00999	0.0100	-0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2361		0.00864	0.0100	-13.6	20.0
Toluene-d8 (Surr)	Ave	1.295	1.300		0.0100	0.0100	0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4556	0.4536		0.00996	0.0100	-0.4	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1587.D
Lims ID: CCVIS L4 8260 Client ID:
Inject. Date: 20-Dec-2012 11:59:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0016059-002
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 69591 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:45 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 20-Dec-2012 12:17:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.0	100	2109455	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1518089	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	90	980489	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.639	4.639	0.0	60	493312	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	498027	8.64	
$ 7 Toluene-d8 (Surr)	98	6.568	6.568	0.0	92	1974176	10.0	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	96	688613	9.96	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	87	512097	13.1	
13 Chloromethane	50	1.693	1.693	0.0	99	701479	10.1	
14 Vinyl chloride	62	1.799	1.799	0.0	82	721111	10.4	
16 Bromomethane	94	2.095	2.095	0.0	88	335674	10.3	
17 Chloroethane	64	2.178	2.178	0.0	99	423291	10.5	
19 Trichlorofluoromethane	101	2.391	2.391	0.0	98	634577	11.3	
21 Acrolein	56	2.710	2.710	0.0	98	563182	89.1	
23 1,1-Dichloroethene	96	2.817	2.817	0.0	95	521480	9.75	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.829	2.829	0.0	82	494497	11.8	
24 Acetone	43	2.829	2.829	0.0	54	218730	17.0	
26 Iodomethane	142	2.947	2.947	0.0	96	902941	10.6	
27 Carbon disulfide	76	3.006	3.006	0.0	99	1807404	11.1	
28 Acetonitrile	41	3.053	3.053	0.0	99	365734	96.8	
30 Methyl acetate	43	3.101	3.101	0.0	95	718625	18.2	
31 Methylene Chloride	84	3.195	3.195	0.0	84	654403	10.4	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	93	453432	187.0	
33 Acrylonitrile	53	3.385	3.385	0.0	99	339895	18.3	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	68	604909	10.4	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	90	1407636	9.90	
36 Hexane	86	3.669	3.669	0.0	91	125221	10.9	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	940699	9.82	
38 Vinyl acetate	86	3.799	3.799	0.0	96	78869	9.64	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	69	618678	10.1	
42 2-Butanone (MEK)	43	4.248	4.248	0.0	92	354450	18.3	
44 2,2-Dichloropropane	77	4.260	4.260	0.0	92	559992	11.2	
48 Chlorobromomethane	128	4.450	4.450	0.0	88	315374	10.4	
50 Chloroform	83	4.497	4.497	0.0	81	962761	9.95	
49 Tetrahydrofuran	42	4.497	4.497	0.0	90	115887	8.61	
51 1,1,1-Trichloroethane	97	4.686	4.686	0.0	88	733517	10.4	
52 Cyclohexane	56	4.745	4.745	0.0	87	966005	11.0	
53 1,1-Dichloropropene	75	4.816	4.816	0.0	94	721776	10.2	
54 Carbon tetrachloride	117	4.828	4.828	0.0	87	630131	10.3	
57 Benzene	78	4.982	4.982	0.0	94	2272298	9.88	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	45	643521	9.54	
61 Trichloroethene	130	5.526	5.526	0.0	91	603149	10.3	
64 1,2-Dichloropropane	63	5.704	5.704	0.0	85	514722	10.2	
63 Methylcyclohexane	83	5.704	5.704	0.0	88	840931	10.9	
66 Dibromomethane	93	5.810	5.810	0.0	89	300422	9.96	
67 1,4-Dioxane	88	5.810	5.810	0.0	38	128729	417.8	
68 Dichlorobromomethane	83	5.929	5.929	0.0	99	621768	9.91	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	90	536695	20.4	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	92	707566	9.84	
72 4-Methyl-2-pentanone (MIBK)	43	6.449	6.449	0.0	95	810794	20.8	
73 Toluene	91	6.627	6.627	0.0	98	2415177	9.95	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	91	569809	8.85	
75 Ethyl methacrylate	69	6.875	6.875	0.0	89	559663	8.81	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	83	451003	9.58	
77 1,3-Dichloropropane	76	7.124	7.124	0.0	90	772777	9.45	
78 Tetrachloroethene	164	7.136	7.136	0.0	96	515677	10.4	
79 2-Hexanone	43	7.183	7.183	0.0	94	468405	17.5	
81 Chlorodibromomethane	129	7.337	7.337	0.0	89	467174	9.70	
83 Ethylene Dibromide	107	7.455	7.455	0.0	96	446147	9.63	
85 Chlorobenzene	112	7.905	7.905	0.0	95	1567986	9.82	
86 1,1,1,2-Tetrachloroethane	131	7.976	7.976	0.0	84	552353	10.1	
87 Ethylbenzene	106	8.011	8.011	0.0	97	839714	10.3	
88 m-Xylene & p-Xylene	106	8.118	8.118	0.0	99	2179106	21.1	
89 o-Xylene	106	8.496	8.496	0.0	89	1062189	10.7	
90 Styrene	104	8.508	8.508	0.0	93	1705113	10.5	
91 Bromoform	173	8.686	8.686	0.0	98	282395	9.02	
92 Isopropylbenzene	105	8.851	8.851	0.0	94	2587667	10.7	
95 1,1,2,2-Tetrachloroethane	83	9.112	9.112	0.0	86	595579	8.52	
96 Bromobenzene	156	9.147	9.147	0.0	88	713803	9.55	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	74	200427	8.82	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.171	0.0	62	75094	4.35	
99 N-Propylbenzene	120	9.242	9.242	0.0	97	720151	9.96	
100 2-Chlorotoluene	126	9.337	9.337	0.0	98	679752	9.92	
101 1,3,5-Trimethylbenzene	105	9.419	9.419	0.0	93	2181144	10.5	
102 4-Chlorotoluene	126	9.443	9.443	0.0	98	726569	9.96	
103 tert-Butylbenzene	119	9.739	9.739	0.0	88	1983529	10.6	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	76	2210905	10.3	
105 sec-Butylbenzene	105	9.952	9.952	0.0	91	2384050	10.2	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	85	1373645	9.95	
107 4-Isopropyltoluene	119	10.094	10.094	0.0	96	2051877	10.3	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	94	1464125	9.77	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.496	10.496	0.0	95	1566170	9.88	
111 1,2-Dichlorobenzene	146	10.520	10.520	0.0	98	1318304	9.95	
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	78	87919	8.43	
113 1,3,5-Trichlorobenzene	180	11.514	11.514	0.0	97	704718	9.73	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	92	574622	9.20	
115 Hexachlorobutadiene	225	12.307	12.307	0.0	92	228399	7.35	
116 Naphthalene	128	12.378	12.378	0.0	100	1232017	8.13	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	98	487351	7.97	
S 119 Trihalomethanes, Total	1				0		38.6	
S 120 1,2-Dichloroethene, Total	96				0		20.5	
S 121 1,3-Dichloropropene, Total	75				0		18.7	
S 122 Xylenes, Total	106				0		31.8	

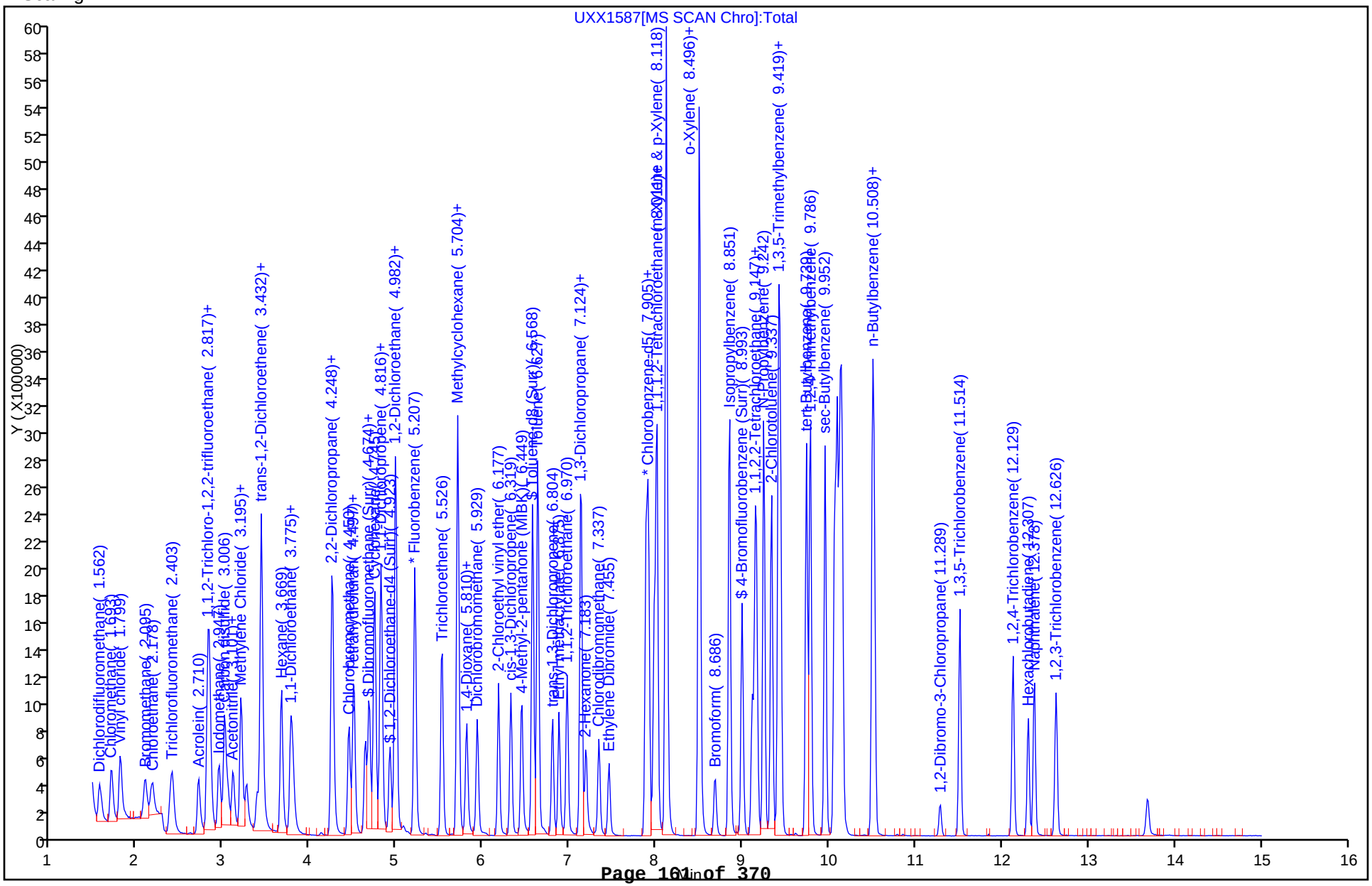
Report Date: 21-Dec-2012 08:34:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1587.D

Injection Date:	20-Dec-2012 11:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	2
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: LODV 240-69591/19 Calibration Date: 12/20/2012 18:04

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1603.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	0.1849			0.000391	0.000500		
Chloromethane	Ave	0.3300			0.000591	0.000500		
Vinyl chloride	Ave	0.3283			0.000562	0.000500		
Bromomethane	Ave	0.1541			0.000660	0.000500		
Chloroethane	Ave	0.1913			0.000655	0.000500		
Trichlorofluoromethane	Ave	0.2655			0.000564	0.000500		
Acrolein	Ave	0.0300			0.00433	0.00500		
1,1-Dichloroethene	Ave	0.2534			0.000478	0.000500		
Acetone	Lin1				0.00517	0.00500		
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1979			0.000540	0.000500		
Iodomethane	Ave	0.4023			0.000561	0.000500		
Carbon disulfide	Ave	0.7720			0.000535	0.000500		
Acetonitrile	Ave	0.0179			0.00624	0.00500		
Methyl acetate	Ave	0.1872			0.00111	0.00100		
Methylene Chloride	Lin1				0.000500	0.000500		
2-Methyl-2-propanol	Ave	0.0115			0.0119	0.0100		
Acrylonitrile	Ave	0.0883			0.00200	0.00100		
trans-1,2-Dichloroethene	Ave	0.2746			0.000496	0.000500		
Methyl tert-butyl ether	Ave	0.6743			0.000468	0.000500		
Hexane	Ave	0.0546				0.000500		
1,1-Dichloroethane	Ave	0.4540			0.000490	0.000500		
Vinyl acetate	Ave	0.0388			0.000334	0.000500		
2-Butanone (MEK)	Ave	0.0917			0.00464	0.00500		
2,2-Dichloropropane	Ave	0.2361			0.000489	0.000500		
cis-1,2-Dichloroethene	Ave	0.2910			0.000514	0.000500		
Bromochloromethane	Ave	0.1431			0.000528	0.000500		
Tetrahydrofuran	Ave	0.0638				0.000500		
Chloroform	Ave	0.4586			0.000498	0.000500		
1,1,1-Trichloroethane	Ave	0.3330			0.000469	0.000500		
Cyclohexane	Ave	0.4179			0.000452	0.000500		
1,1-Dichloropropene	Ave	0.3371			0.000429	0.000500		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: LODV 240-69591/19 Calibration Date: 12/20/2012 18:04

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1603.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
Carbon tetrachloride	Ave	0.2901			0.000474	0.000500		
1,2-Dichloroethane	Ave	0.3198			0.000511	0.000500		
Benzene	Ave	1.090			0.000545	0.000500		
Trichloroethene	Ave	0.2783			0.000472	0.000500		
1,2-Dichloropropane	Ave	0.2403			0.000509	0.000500		
Methylcyclohexane	Ave	0.3663			0.000414	0.000500		
Dibromomethane	Ave	0.1430			0.000505	0.000500		
1,4-Dioxane	Ave	0.0015				0.0250		
Bromodichloromethane	Ave	0.2973			0.000437	0.000500		
2-Chloroethyl vinyl ether	Ave	0.1250				0.00100		
cis-1,3-Dichloropropene	Ave	0.3410			0.000357	0.000500		
4-Methyl-2-pentanone (MIBK)	Ave	0.1850			0.00412	0.00500		
Toluene	Ave	1.599			0.000488	0.000500		
trans-1,3-Dichloropropene	Ave	0.4239			0.000346	0.000500		
Ethyl methacrylate	Lin1					0.000500		
1,1,2-Trichloroethane	Ave	0.3101			0.000483	0.000500		
1,3-Dichloropropane	Ave	0.5387			0.000463	0.000500		
Tetrachloroethene	Ave	0.3273			0.000499	0.000500		
2-Hexanone	Ave	0.1765			0.00392	0.00500		
Dibromochloromethane	Ave	0.3172			0.000410	0.000500		
1,2-Dibromoethane	Ave	0.3051			0.000439	0.000500		
Chlorobenzene	Ave	1.052			0.000467	0.000500		
1,1,1,2-Tetrachloroethane	Ave	0.3595			0.000373	0.000500		
Ethylbenzene	Ave	0.5372			0.000395	0.000500		
m-Xylene & p-Xylene	Ave	0.6797			0.000758	0.00100		
o-Xylene	Ave	0.6537			0.000392	0.000500		
Styrene	Ave	1.074			0.000352	0.000500		
Bromoform	Ave	0.2062			0.000500	0.000500		
Isopropylbenzene	Ave	1.589			0.000361	0.000500		
1,1,2,2-Tetrachloroethane	Ave	0.7129			0.000460	0.000500		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: LODV 240-69591/19 Calibration Date: 12/20/2012 18:04

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1603.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
Bromobenzene	Ave	0.7626			0.000475	0.000500		
1,2,3-Trichloropropane	Ave	0.2318			0.000479	0.000500		
trans-1,4-Dichloro-2-butene	Ave	0.1763				0.000500		
N-Propylbenzene	Ave	0.7378			0.000362	0.000500		
2-Chlorotoluene	Ave	0.6986			0.000407	0.000500		
1,3,5-Trimethylbenzene	Ave	2.126			0.000341	0.000500		
4-Chlorotoluene	Ave	0.7439			0.000395	0.000500		
tert-Butylbenzene	Ave	1.903			0.000389	0.000500		
1,2,4-Trimethylbenzene	Ave	2.184			0.000355	0.000500		
sec-Butylbenzene	Ave	2.376			0.000365	0.000500		
1,3-Dichlorobenzene	Ave	1.409			0.000487	0.000500		
4-Isopropyltoluene	Ave	2.025			0.000336	0.000500		
1,4-Dichlorobenzene	Ave	1.528			0.000474	0.000500		
n-Butylbenzene	Ave	1.617			0.000372	0.000500		
1,2-Dichlorobenzene	Ave	1.352			0.000489	0.000500		
1,2-Dibromo-3-Chloropropane	Ave	0.1064			0.000500	0.000500		
1,3,5-Trichlorobenzene	Ave	0.7387				0.000500		
1,2,4-Trichlorobenzene	Ave	0.6371			0.000542	0.000500		
Hexachlorobutadiene	Ave	0.3169			0.000577	0.000500		
Naphthalene	Ave	1.546			0.000406	0.000500		
1,2,3-Trichlorobenzene	Ave	0.6235			0.000549	0.000500		
Dibromofluoromethane (Surr)	Ave	0.2340			0.00997	0.0100	100	85-115
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732			0.00924	0.0100	92	70-120
Toluene-d8 (Surr)	Ave	1.295			0.00950	0.0100	95	85-120
4-Bromofluorobenzene (Surr)	Ave	0.4556			0.00962	0.0100	96	75-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1603.D
Lims ID: LODV Client ID:
Inject. Date: 20-Dec-2012 18:04:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016059-019
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 19
Lims Batch ID: 69591 Lims Sample ID: 19
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2011895	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.879	0.0	82	1436313	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	93	896548	10.0	
$ 4 BFB	95	4.447	3.747	0.700	0	4266	0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	59	469421	9.97	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	507952	9.24	
$ 7 Toluene-d8 (Surr)	98	6.577	6.568	0.009	92	1767486	9.50	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	95	629709	9.62	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	57	14539	0.3909	
13 Chloromethane	50	1.702	1.693	0.009	96	39244	0.5910	
14 Vinyl chloride	62	1.797	1.799	-0.002	58	37108	0.5619	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.092	2.095	-0.003	74	20450	0.6596	
17 Chloroethane	64	2.187	2.178	0.009	65	25217	0.6552	
18 Dichlorofluoromethane	67		2.329					
19 Trichlorofluoromethane	101	2.400	2.391	0.009	63	30121	0.5638	
20 Ethyl ether	59		2.613					9
21 Acrolein	56	2.708	2.710	-0.002	69	26106	4.33	
23 1,1-Dichloroethene	96	2.826	2.817	0.009	63	24364	0.4778	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.829	0.009	47	21482	0.5395	
24 Acetone	43	2.826	2.829	-0.003	97	70783	5.17	
22 Methylal	45		2.851					
26 Iodomethane	142	2.944	2.947	-0.003	89	45395	0.5609	
27 Carbon disulfide	76	3.015	3.006	0.009	96	83093	0.5350	
28 Acetonitrile	41	3.063	3.053	0.010	85	22469	6.24	
30 Methyl acetate	43	3.110	3.101	0.009	85	41622	1.11	
29 3-Chloro-1-propene	76		3.110					
31 Methylene Chloride	84	3.205	3.195	0.010	78	63200	0.2398	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	94	27443	11.9	
33 Acrylonitrile	53	3.394	3.385	0.009	88	18375	1.03	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	59	27392	0.4958	
35 Methyl tert-butyl ether	73	3.441	3.432	0.009	84	63533	0.4683	
36 Hexane	86	3.678	3.669	0.009	86	4553	0.4142	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	69	44738	0.4898	
38 Vinyl acetate	86	3.796	3.799	-0.003	92	2609	0.3344	
39 Isopropyl ether	87		3.832					
40 2-Chloro-1,3-butadiene	53		3.856					
41 Tert-butyl ethyl ether	59		4.128					9
43 cis-1,2-Dichloroethene	96	4.258	4.248	0.010	58	30102	0.5141	
42 2-Butanone (MEK)	43	4.246	4.248	-0.002	97	85528	4.64	
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	51	23229	0.4890	
45 Propionitrile	54		4.293					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.447	4.450	-0.003	63	15220	0.5285	
50 Chloroform	83	4.506	4.497	0.009	75	45980	0.4983	
49 Tetrahydrofuran	42	4.494	4.497	-0.003	23	5201	0.4050	
51 1,1,1-Trichloroethane	97	4.684	4.686	-0.002	77	31413	0.4689	
52 Cyclohexane	56	4.743	4.745	-0.002	85	38022	0.4523	
53 1,1-Dichloropropene	75	4.814	4.816	-0.002	85	29116	0.4294	
54 Carbon tetrachloride	117	4.826	4.828	-0.002	72	27655	0.4739	
55 Isobutyl alcohol	41		4.850					9
57 Benzene	78	4.991	4.982	0.009	90	119587	0.5453	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	37	32864	0.5108	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130	5.524	5.526	-0.002	72	26403	0.4716	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.701	5.704	-0.003	67	24629	0.5094	
63 Methylcyclohexane	83	5.701	5.704	-0.003	82	30487	0.4136	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.808	5.810	-0.002	82	14539	0.5055	
67 1,4-Dioxane	88	5.820	5.810	0.010	1	4539	15.4	
68 Dichlorobromomethane	83	5.926	5.929	-0.003	74	26138	0.4370	
69 2-Nitropropane	41		6.116					
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	69	18706	0.7440	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	65	24513	0.3573	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.449	-0.002	94	153245	4.12	
73 Toluene	91	6.636	6.627	0.009	93	112154	0.4882	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	69	21095	0.3465	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	60	19324	0.7987	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	81	21522	0.4831	
77 1,3-Dichloropropane	76	7.133	7.124	0.009	68	35852	0.4634	
78 Tetrachloroethene	164	7.133	7.136	-0.003	86	23470	0.4993	
79 2-Hexanone	43	7.192	7.183	0.009	95	99283	3.92	
80 n-Butyl acetate	56		7.299					9
81 Chlorodibromomethane	129	7.334	7.337	-0.003	61	18695	0.4104	
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.453	7.455	-0.002	67	19229	0.4388	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112	7.914	7.905	0.009	72	70617	0.4675	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.976	-0.003	67	19273	0.3733	
87 Ethylbenzene	106	8.009	8.011	-0.002	92	30504	0.3953	
88 m-Xylene & p-Xylene	106	8.115	8.118	-0.003	98	73978	0.7577	
89 o-Xylene	106	8.494	8.496	-0.002	84	36789	0.3918	
90 Styrene	104	8.506	8.508	-0.002	91	54302	0.3519	
91 Bromoform	173	8.671	8.686	-0.015	63	11195	0.3781	
92 Isopropylbenzene	105	8.849	8.851	-0.002	87	82361	0.3608	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.932					9
95 1,1,2,2-Tetrachloroethane	83	9.109	9.112	-0.003	61	29404	0.4601	
96 Bromobenzene	156	9.145	9.147	-0.002	85	32487	0.4752	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	50	9952	0.4789	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.171	-0.003	36	4475	0.2832	
99 N-Propylbenzene	120	9.251	9.242	0.009	90	23931	0.3618	
100 2-Chlorotoluene	126	9.334	9.337	-0.003	91	25498	0.4071	
101 1,3,5-Trimethylbenzene	105	9.417	9.419	-0.002	88	65054	0.3413	
102 4-Chlorotoluene	126	9.441	9.443	-0.002	89	26321	0.3947	
103 tert-Butylbenzene	119	9.736	9.739	-0.003	81	66309	0.3886	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	56	69459	0.3547	
105 sec-Butylbenzene	105	9.961	9.952	0.009	75	77710	0.3648	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	86	61453	0.4866	
107 4-Isopropyltoluene	119	10.091	10.094	-0.003	83	60951	0.3357	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	75	64873	0.4736	
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91	10.506	10.496	0.010	88	54004	0.3725	
111 1,2-Dichlorobenzene	146	10.517	10.520	-0.003	92	59231	0.4888	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.003	10	4247	0.4451	
113 1,3,5-Trichlorobenzene	180	11.511	11.514	-0.003	86	33501	0.5059	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	63	30953	0.5419	
115 Hexachlorobutadiene	225	12.304	12.307	-0.003	64	16380	0.5766	
116 Naphthalene	128	12.375	12.378	-0.003	94	56348	0.4064	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	77	30695	0.5491	
118 2-Methylnaphthalene	142		13.689					
S 119 Trihalomethanes, Total	1				0		1.72	
S 120 1,2-Dichloroethene, Total	96				0		1.01	
S 121 1,3-Dichloropropene, Total	75				0		0.7038	
S 122 Xylenes, Total	106				0		1.15	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

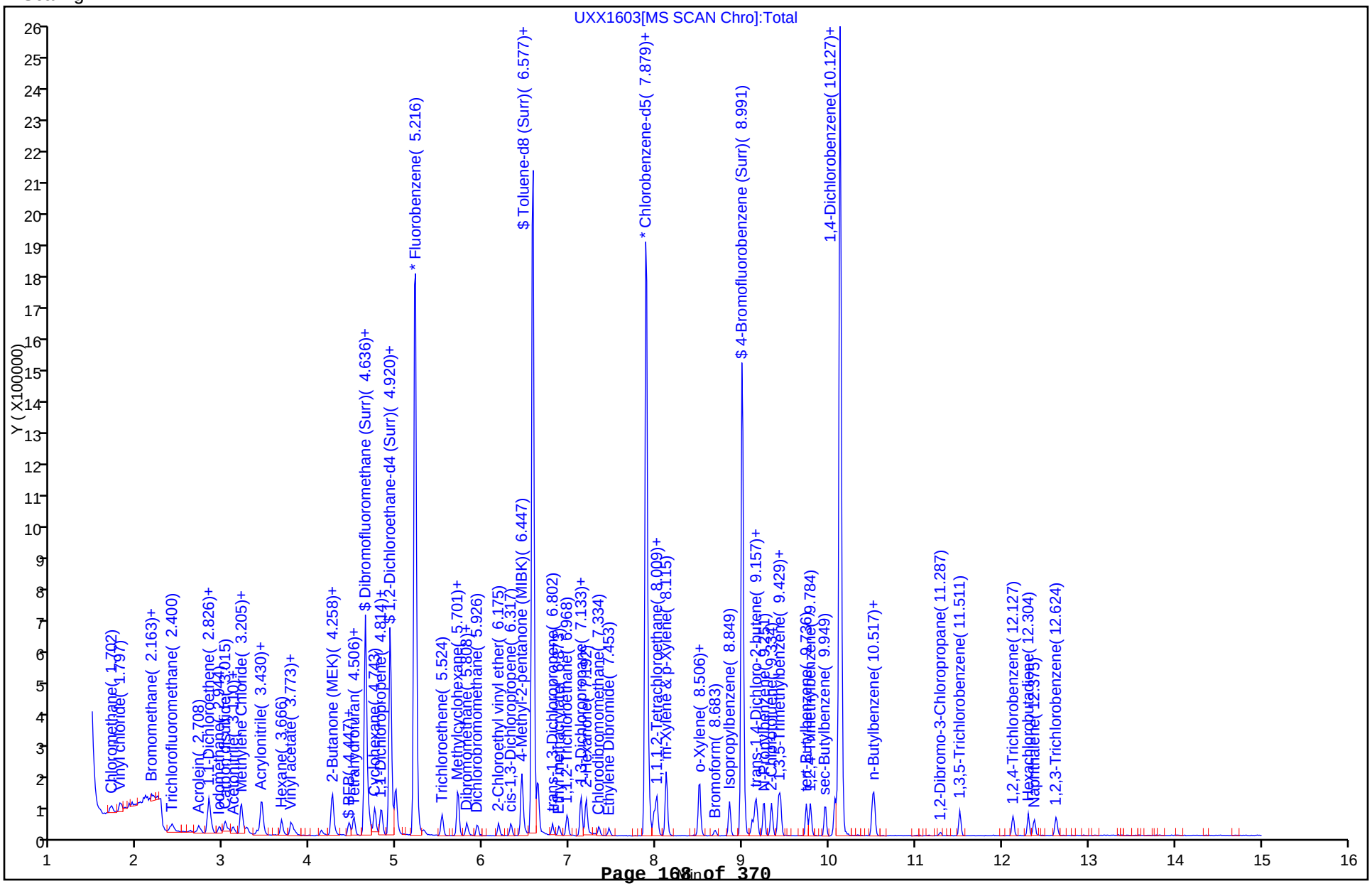
Report Date: 21-Dec-2012 08:54:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1603.D

Injection Date:	20-Dec-2012 18:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	19
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\BFB5078.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	14-Dec-2012 15:04:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21214A-IC,BFBUX10,,1904 =P21214A-IC,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	68811	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m		
Last Update:	17-Dec-2012 09:35:31	Calib Date:	14-Dec-2012 19:27:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: quayler		Date:	14-Dec-2012 16:54:04

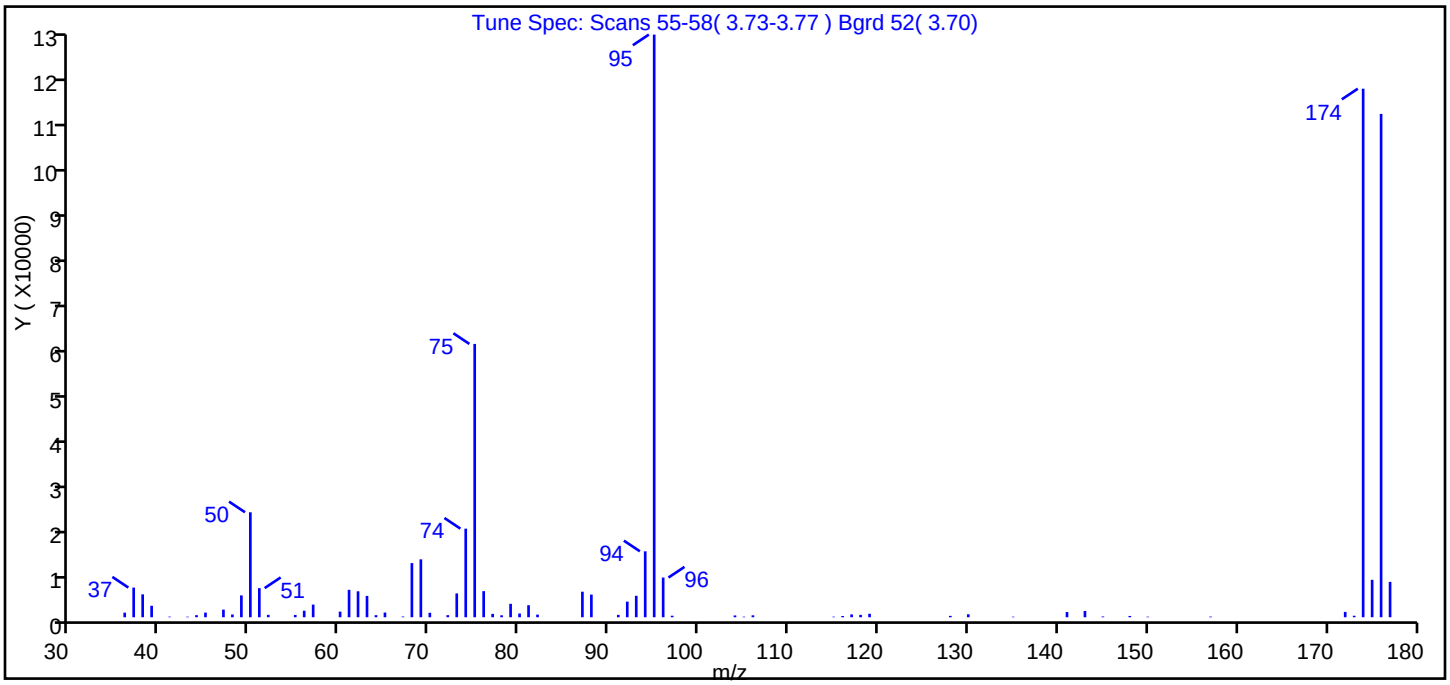
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.756	3.756	0.0	0	480518	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\BFB5078.D		
Injection Date:	14-Dec-2012 15:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	1
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.02
75	30.00 - 60.00% of mass 95	46.91
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.26 (0.29)
174	Greater than 50.00% of mass 95	90.71
175	5.00 - 9.00% of mass 174	6.42 (7.08)
176	95.00 - 101.00% of mass 174	86.38 (95.23)
177	5.00 - 9.00% of mass 176	6.08 (7.04)

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\BFB5078.D\8260_10.rslt\spectra.d
Injection Date: 14-Dec-2012 15:04:30
Spectrum: Tune Spec: Scans 55-58(3.73-3.77) Bgrd 52(3.70)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1000	61.00	5972	81.00	2623	119.00	753
37.00	6462	62.00	5656	82.00	580	128.00	304
38.00	4988	63.00	4648	87.00	5564	130.00	650
39.00	2499	64.00	458	88.00	4940	135.00	125
41.00	129	65.00	1028	91.00	520	141.00	1134
43.00	125	67.00	160	92.00	3402	143.00	1365
44.00	457	68.00	11797	93.00	4676	145.00	171
45.00	1019	69.00	12612	94.00	14361	148.00	283
47.00	1669	70.00	974	95.00	126896	150.00	127
48.00	603	72.00	461	96.00	8649	157.00	147
49.00	4761	73.00	5194	97.00	335	172.00	1165
50.00	22864	74.00	19296	104.00	396	173.00	331
51.00	6347	75.00	59528	105.00	125	174.00	115112
52.00	525	76.00	5687	106.00	426	175.00	8151
55.00	504	77.00	734	115.00	126	176.00	109616
56.00	1423	78.00	425	116.00	275	177.00	7712
57.00	2756	79.00	2924	117.00	619		
60.00	1226	80.00	815	118.00	520		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121220-16059.b\BFB5089.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	20-Dec-2012 10:51:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21220A,BFBUX10,,1904 =P21220A,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	4
Lims Batch ID:	69591	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m		
Last Update:	21-Dec-2012 08:34:44	Calib Date:	14-Dec-2012 19:27:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK018		
First Level Reviewer: quayler		Date:	20-Dec-2012 10:59:33

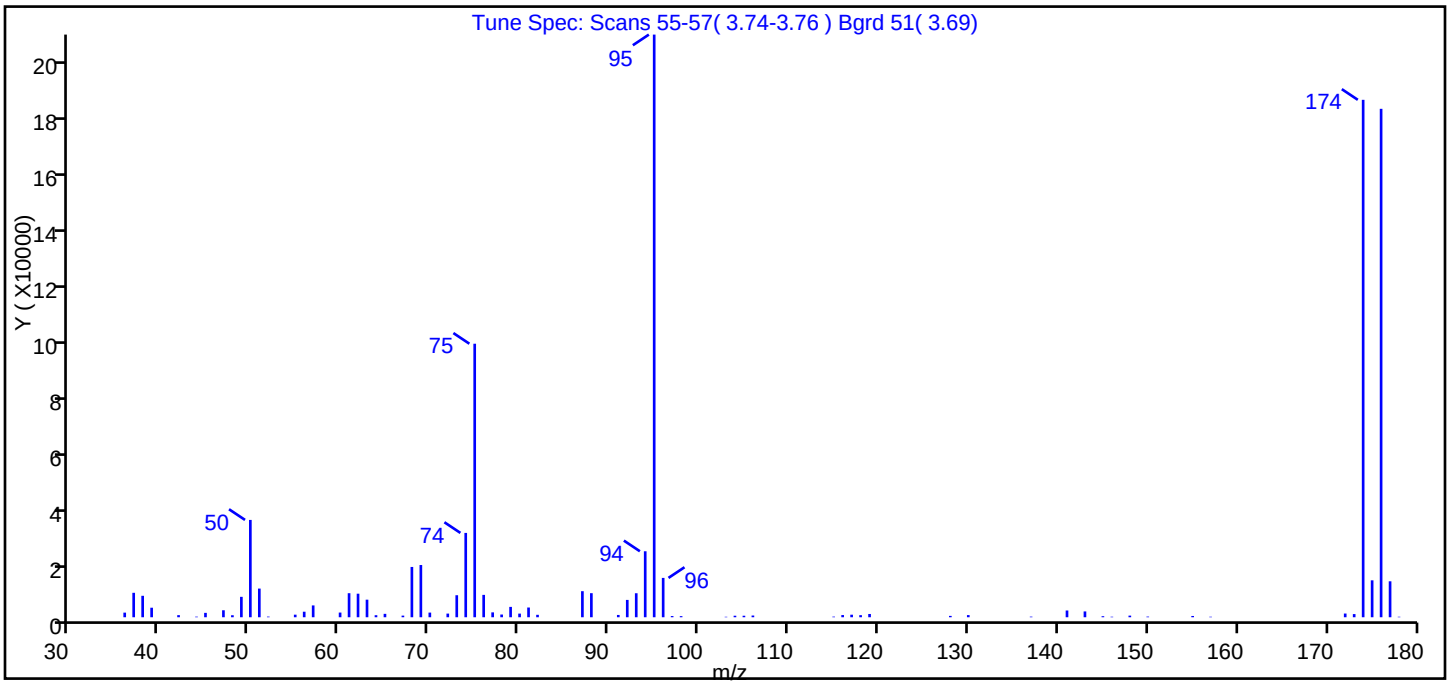
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.747	3.747	0.0	0	655213	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121220-16059.b\BFB5089.D		
Injection Date:	20-Dec-2012 10:51:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	1
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.71
75	30.00 - 60.00% of mass 95	46.94
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	0.54 (0.61)
174	Greater than 50.00% of mass 95	88.80
175	5.00 - 9.00% of mass 174	6.34 (7.14)
176	95.00 - 101.00% of mass 174	87.26 (98.26)
177	5.00 - 9.00% of mass 176	6.17 (7.07)

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\BFB5089.D\8260_10.rslt\spectra.d
Injection Date: 20-Dec-2012 10:51:30
Spectrum: Tune Spec: Scans 55-57(3.74-3.76) Bgrd 51(3.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1611	63.00	6123	88.00	8385	130.00	752
37.00	8516	64.00	713	91.00	803	137.00	220
38.00	7472	65.00	1189	92.00	6040	141.00	2354
39.00	3324	67.00	569	93.00	8364	143.00	2029
42.00	735	68.00	17520	94.00	22984	145.00	365
44.00	214	69.00	18192	95.00	202944	146.00	188
45.00	1531	70.00	1625	96.00	13707	148.00	568
47.00	2436	72.00	1276	97.00	415	150.00	234
48.00	703	73.00	7674	98.00	384	155.00	445
49.00	7112	74.00	29376	103.00	168	157.00	182
50.00	33904	75.00	95272	104.00	532	172.00	1294
51.00	9985	76.00	7797	105.00	528	173.00	1106
52.00	233	77.00	1702	106.00	602	174.00	180224
55.00	899	78.00	953	115.00	224	175.00	12861
56.00	1931	79.00	3610	116.00	767	176.00	177088
57.00	4121	80.00	1273	117.00	888	177.00	12524
60.00	1637	81.00	3392	118.00	729	178.00	177
61.00	8377	82.00	852	119.00	1140		
62.00	8206	87.00	9077	128.00	477		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69591/6

Matrix: Water | Lab File ID: UXX1590.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 13:05

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.: 69591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.50	U	1.0	0.50	0.33
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69591/6

Matrix: Water Lab File ID: UXX1590.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 13:05

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-120
460-00-4	4-Bromofluorobenzene (Surr)	91		75-120
1868-53-7	Dibromofluoromethane (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1590.D
Lims ID: MB Client ID:
Inject. Date: 20-Dec-2012 13:05:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016059-006
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 69591 Lims Sample ID: 6
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 21-Dec-2012 07:40:21

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2063755	10.0	
* 2 Chlorobenzene-d5	117	7.890	7.879	0.011	83	1478307	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	92	841736	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	59	478064	9.90	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	515762	9.15	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1819305	9.50	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	97	613288	9.11	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85		1.562					
13 Chloromethane	50		1.693					
14 Vinyl chloride	62		1.799					
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94		2.095					
17 Chloroethane	64		2.178					
18 Dichlorofluoromethane	67		2.329					
19 Trichlorofluoromethane	101		2.391					
20 Ethyl ether	59		2.613					9
21 Acrolein	56		2.710					9
23 1,1-Dichloroethene	96		2.817					9
25 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.829					
24 Acetone	43	2.825	2.829	-0.004	88	14174	0.2711	
22 Methylal	45		2.851					9
26 Iodomethane	142		2.947					
27 Carbon disulfide	76		3.006					
28 Acetonitrile	41		3.053					
30 Methyl acetate	43		3.101					9
29 3-Chloro-1-propene	76		3.110					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 Methylene Chloride	84		3.195					
32 2-Methyl-2-propanol	59		3.266					9
33 Acrylonitrile	53		3.385					
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
36 Hexane	86		3.669					
37 1,1-Dichloroethane	63		3.775					
38 Vinyl acetate	86		3.799					
39 Isopropyl ether	87		3.832					
40 2-Chloro-1,3-butadiene	53		3.856					
41 Tert-butyl ethyl ether	59		4.128					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43		4.248					
44 2,2-Dichloropropane	77		4.260					
45 Propionitrile	54		4.293					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.424					
48 Chlorobromomethane	128		4.450					
50 Chloroform	83		4.497					
49 Tetrahydrofuran	42		4.497					
51 1,1,1-Trichloroethane	97		4.686					
52 Cyclohexane	56		4.745					
53 1,1-Dichloropropene	75		4.816					
54 Carbon tetrachloride	117		4.828					
55 Isobutyl alcohol	41		4.850					
57 Benzene	78		4.982					
56 1,2-Dichloroethane	62		4.982					
58 Tert-amyl methyl ether	73		5.062					
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130		5.526					
62 Ethyl acrylate	55		5.605					
64 1,2-Dichloropropane	63		5.704					
63 Methylcyclohexane	83		5.704					9
65 Methyl methacrylate	41		5.784					
66 Dibromomethane	93		5.810					
67 1,4-Dioxane	88		5.810					
68 Dichlorobromomethane	83		5.929					
69 2-Nitropropane	41		6.116					
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.449					
73 Toluene	91		6.627					9
74 trans-1,3-Dichloropropene	75		6.804					
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97		6.970					
77 1,3-Dichloropropane	76		7.124					
78 Tetrachloroethene	164		7.136					
79 2-Hexanone	43		7.183					
80 n-Butyl acetate	56		7.299					
81 Chlorodibromomethane	129		7.337					
82 Tetrahydrothiophene	60		7.346					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 Ethylene Dibromide	107		7.455					
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112		7.905					9
86 1,1,1,2-Tetrachloroethane	131		7.976					
87 Ethylbenzene	106		8.011					9
88 m-Xylene & p-Xylene	106		8.118					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					9
91 Bromoform	173		8.686					
92 Isopropylbenzene	105		8.851					9
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.932					9
95 1,1,2,2-Tetrachloroethane	83		9.112					
96 Bromobenzene	156		9.147					
97 1,2,3-Trichloropropane	110		9.159					
98 trans-1,4-Dichloro-2-butene	53		9.171					
99 N-Propylbenzene	120		9.242					
100 2-Chlorotoluene	126		9.337					
101 1,3,5-Trimethylbenzene	105		9.419					9
102 4-Chlorotoluene	126		9.443					
103 tert-Butylbenzene	119		9.739					9
104 1,2,4-Trimethylbenzene	105		9.786					9
105 sec-Butylbenzene	105		9.952					9
106 1,3-Dichlorobenzene	146		10.070					9
107 4-Isopropyltoluene	119		10.094					9
108 1,4-Dichlorobenzene	146		10.153					9
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91		10.496					9
111 1,2-Dichlorobenzene	146		10.520					9
112 1,2-Dibromo-3-Chloropropane	157		11.289					
113 1,3,5-Trichlorobenzene	180		11.514					9
114 1,2,4-Trichlorobenzene	180		12.129					9
115 Hexachlorobutadiene	225	12.303	12.307	-0.004	20	6394	0.2397	
116 Naphthalene	128	12.374	12.378	-0.004	70	19964	0.1534	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	50	11382	0.2169	
118 2-Methylnaphthalene	142		13.689					9
S 119 Trihalomethanes, Total	1		0.000					7
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 121 1,3-Dichloropropene, Total	75		6.760					7
S 122 Xylenes, Total	106		16.530					7
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

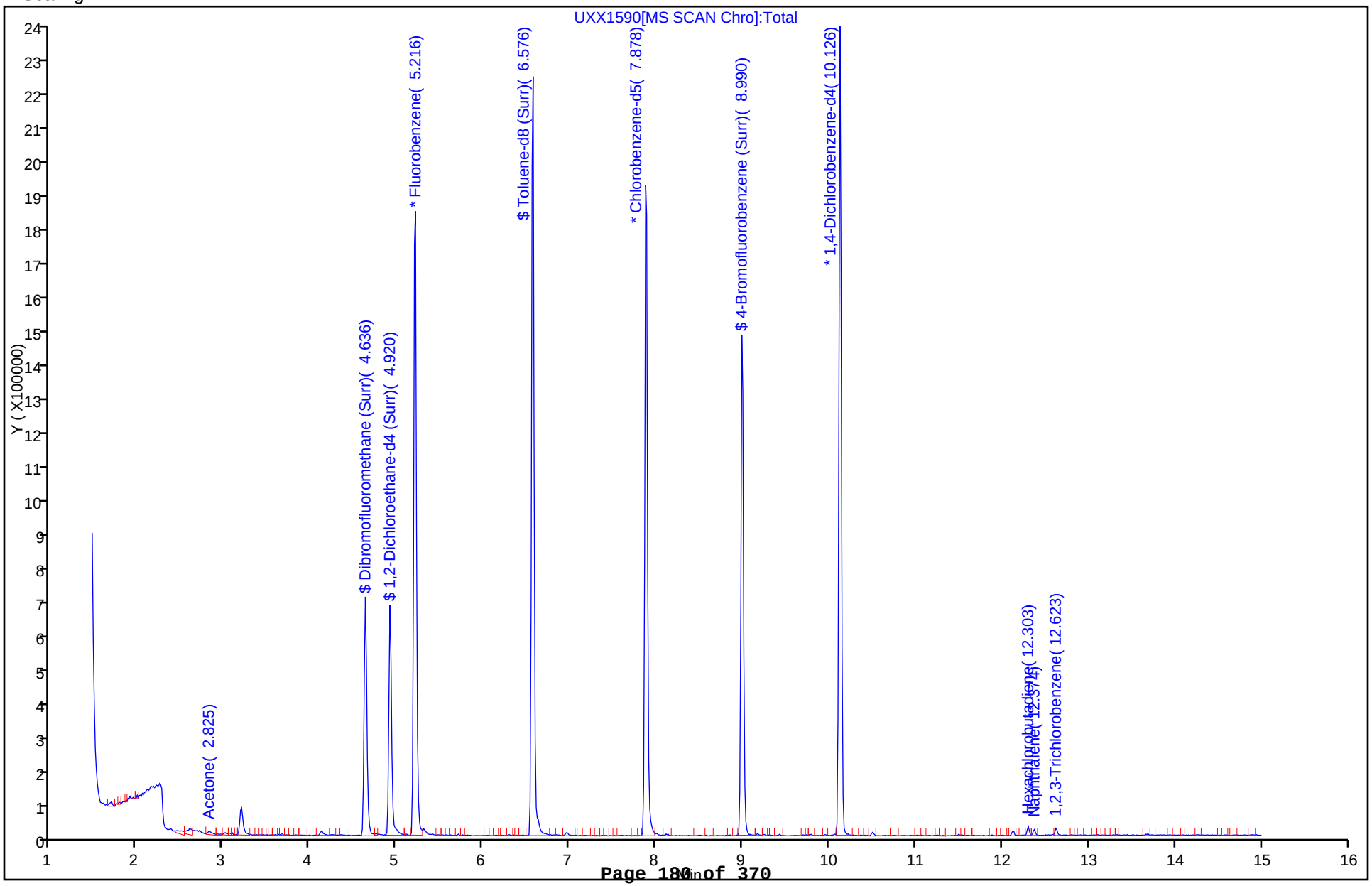
Report Date: 21-Dec-2012 08:34:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1590.D

Injection Date:	20-Dec-2012 13:05:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69591/4

Matrix: Water | Lab File ID: UXX1588.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 12:21

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.: 69591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	9.73		1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	8.20		1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	9.41		1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	9.80		1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	9.70		1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	9.38		1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	19.9		2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	9.91		1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	18.0		10	0.57	0.57
591-78-6	2-Hexanone	17.6		10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	19.8		10	0.50	0.32
67-64-1	Acetone	20.6		10	1.1	1.1
71-43-2	Benzene	9.74		1.0	0.25	0.13
75-25-2	Bromoform	8.65		1.0	0.64	0.64
74-83-9	Bromomethane	8.59		1.0	0.50	0.41
75-15-0	Carbon disulfide	10.2		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	9.96		1.0	0.25	0.13
108-90-7	Chlorobenzene	9.56		1.0	0.25	0.15
74-87-3	Chloromethane	8.62		1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	9.52		1.0	0.25	0.14
124-48-1	Dibromochloromethane	9.25		1.0	0.25	0.18
75-27-4	Bromodichloromethane	9.81		1.0	0.25	0.15
100-41-4	Ethylbenzene	9.95		1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	9.55		1.0	0.25	0.17
75-09-2	Methylene Chloride	9.92		1.0	0.50	0.33
100-42-5	Styrene	10.1		1.0	0.25	0.11
127-18-4	Tetrachloroethene	9.89		1.0	0.50	0.29
108-88-3	Toluene	9.48		1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	8.78		1.0	0.25	0.19
79-01-6	Trichloroethene	10.2		1.0	0.25	0.17
75-01-4	Vinyl chloride	8.84		1.0	0.25	0.22
1330-20-7	Xylenes, Total	30.2		2.0	0.75	0.28
67-66-3	Chloroform	9.19		1.0	0.25	0.16
74-97-5	Bromochloromethane	9.74		1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	9.16		1.0	0.25	0.24
75-00-3	Chloroethane	9.33		1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69591/4

Matrix: Water Lab File ID: UXX1588.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 12:21

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-120
460-00-4	4-Bromofluorobenzene (Surr)	107		75-120
1868-53-7	Dibromofluoromethane (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1588.D
Lims ID: LCS Client ID:
Inject. Date: 20-Dec-2012 12:21:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016059-004
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 69591 Lims Sample ID: 4
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 20-Dec-2012 12:42:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	99	2174437	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.879	0.002	82	1587263	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.130	10.127	0.003	89	1025898	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.639	4.639	0.0	60	499548	9.82	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	537518	9.05	
$ 7 Toluene-d8 (Surr)	98	6.568	6.568	0.0	92	2006831	9.76	
$ 8 4-Bromofluorobenzene (Surr)	95	8.994	8.993	0.001	90	776333	10.7	
12 Dichlorodifluoromethane	85	1.563	1.562	0.001	86	341037	8.48	
13 Chloromethane	50	1.705	1.693	0.012	89	618636	8.62	
14 Vinyl chloride	62	1.799	1.799	0.0	97	630949	8.84	
16 Bromomethane	94	2.095	2.095	0.0	88	287829	8.59	
17 Chloroethane	64	2.178	2.178	0.0	98	388066	9.33	
19 Trichlorofluoromethane	101	2.403	2.391	0.012	98	574925	9.96	
20 Ethyl ether	59	2.616	2.613	0.003	89	436292	9.55	
21 Acrolein	56	2.711	2.710	0.0	90	137548	21.1	
23 1,1-Dichloroethene	96	2.817	2.817	0.0	96	534757	9.70	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.841	2.829	0.012	81	506673	11.8	
24 Acetone	43	2.829	2.829	0.0	58	269947	20.6	
26 Iodomethane	142	2.947	2.947	0.0	97	899048	10.3	
27 Carbon disulfide	76	3.018	3.006	0.012	98	1716991	10.2	
28 Acetonitrile	41	3.054	3.053	0.001	94	113918	29.3	
30 Methyl acetate	43	3.113	3.101	0.012	95	321969	7.91	
31 Methylene Chloride	84	3.196	3.195	0.001	80	643611	9.92	
32 2-Methyl-2-propanol	59	3.267	3.266	0.001	94	469871	187.9	
33 Acrylonitrile	53	3.385	3.385	0.0	99	511185	26.6	
34 trans-1,2-Dichloroethene	96	3.444	3.432	0.012	70	591856	9.91	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	89	1400634	9.55	
36 Hexane	86	3.669	3.669	0.0	91	126900	10.7	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	966956	9.80	
38 Vinyl acetate	86	3.799	3.799	0.0	97	107604	12.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
39 Isopropyl ether	87	3.835	3.832	0.003	94	519657	10.5	
43 cis-1,2-Dichloroethene	96	4.249	4.248	0.001	80	633492	10.0	
42 2-Butanone (MEK)	43	4.249	4.248	0.001	94	358131	18.0	
44 2,2-Dichloropropane	77	4.261	4.260	0.001	89	532673	10.4	
48 Chlorobromomethane	128	4.450	4.450	0.0	86	303064	9.74	
50 Chloroform	83	4.509	4.497	0.012	80	915997	9.19	
49 Tetrahydrofuran	42	4.497	4.497	0.0	84	117375	8.46	
51 1,1,1-Trichloroethane	97	4.687	4.686	0.001	95	704760	9.73	
52 Cyclohexane	56	4.746	4.745	0.001	87	897464	9.88	
53 1,1-Dichloropropene	75	4.817	4.816	0.001	93	729744	9.96	
54 Carbon tetrachloride	117	4.829	4.828	0.001	83	628300	9.96	
55 Isobutyl alcohol	41	4.852	4.850	0.002	92	564202	429.1	
57 Benzene	78	4.982	4.982	0.0	94	2308891	9.74	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	51	652124	9.38	
61 Trichloroethene	130	5.527	5.526	0.001	91	615691	10.2	
64 1,2-Dichloropropane	63	5.704	5.704	0.0	83	517794	9.91	
63 Methylcyclohexane	83	5.704	5.704	0.0	89	810301	10.2	
66 Dibromomethane	93	5.811	5.810	0.001	85	308827	9.93	
68 Dichlorobromomethane	83	5.929	5.929	0.0	94	634347	9.81	
70 2-Chloroethyl vinyl ether	63	6.178	6.177	0.001	90	250001	9.20	
71 cis-1,3-Dichloropropene	75	6.320	6.319	0.001	90	705729	9.52	
72 4-Methyl-2-pentanone (MIBK)	43	6.450	6.449	0.001	96	797777	19.8	
73 Toluene	91	6.627	6.627	0.0	98	2407469	9.48	
74 trans-1,3-Dichloropropene	75	6.805	6.804	0.001	87	590821	8.78	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	84	463202	9.41	
77 1,3-Dichloropropane	76	7.124	7.124	0.0	91	784933	9.18	
78 Tetrachloroethene	164	7.136	7.136	0.0	91	513658	9.89	
79 2-Hexanone	43	7.183	7.183	0.0	96	494037	17.6	
81 Chlorodibromomethane	129	7.337	7.337	0.0	89	465433	9.25	
83 Ethylene Dibromide	107	7.455	7.455	0.0	98	443600	9.16	
85 Chlorobenzene	112	7.905	7.905	0.0	96	1596152	9.56	
86 1,1,1,2-Tetrachloroethane	131	7.976	7.976	0.0	83	542612	9.51	
87 Ethylbenzene	106	8.012	8.011	0.001	97	848644	9.95	
88 m-Xylene & p-Xylene	106	8.118	8.118	0.0	99	2163107	20.0	
89 o-Xylene	106	8.497	8.496	0.001	94	1062866	10.2	
90 Styrene	104	8.509	8.508	0.001	94	1727671	10.1	
91 Bromoform	173	8.686	8.686	0.0	99	283015	8.65	
92 Isopropylbenzene	105	8.852	8.851	0.001	94	2582702	10.2	
94 Cyclohexanone	55	8.935	8.932	0.003	80	976671	172.7	
95 1,1,2,2-Tetrachloroethane	83	9.112	9.112	0.0	81	599813	8.20	
96 Bromobenzene	156	9.148	9.147	0.001	89	721185	9.22	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	74	202339	8.51	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.171	0.0	75	178530	9.87	
99 N-Propylbenzene	120	9.242	9.242	0.0	97	746081	9.86	
100 2-Chlorotoluene	126	9.337	9.337	0.0	98	676889	9.44	
101 1,3,5-Trimethylbenzene	105	9.420	9.419	0.001	92	2147772	9.85	
102 4-Chlorotoluene	126	9.432	9.443	-0.011	98	728663	9.55	
103 tert-Butylbenzene	119	9.739	9.739	0.0	89	1989099	10.2	
104 1,2,4-Trimethylbenzene	105	9.787	9.786	0.001	97	2235426	9.98	
105 sec-Butylbenzene	105	9.952	9.952	0.0	92	2375019	9.74	
106 1,3-Dichlorobenzene	146	10.071	10.070	0.0	87	1361955	9.42	
107 4-Isopropyltoluene	119	10.094	10.094	0.0	93	2113757	10.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	94	1436433	9.16	
109 1,2,3-Trimethylbenzene	105	10.201	10.198	0.003	87	2198979	10.2	
110 n-Butylbenzene	91	10.496	10.496	0.0	97	1580446	9.53	
111 1,2-Dichlorobenzene	146	10.520	10.520	0.0	99	1307106	9.43	
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	87	94824	8.69	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	90	560140	8.57	
115 Hexachlorobutadiene	225	12.307	12.307	0.0	92	224233	6.90	
116 Naphthalene	128	12.378	12.378	0.0	100	1286477	8.11	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	99	511074	7.99	
S 119 Trihalomethanes, Total	1				0		36.9	
S 120 1,2-Dichloroethene, Total	96				0		19.9	
S 122 Xylenes, Total	106				0		30.3	

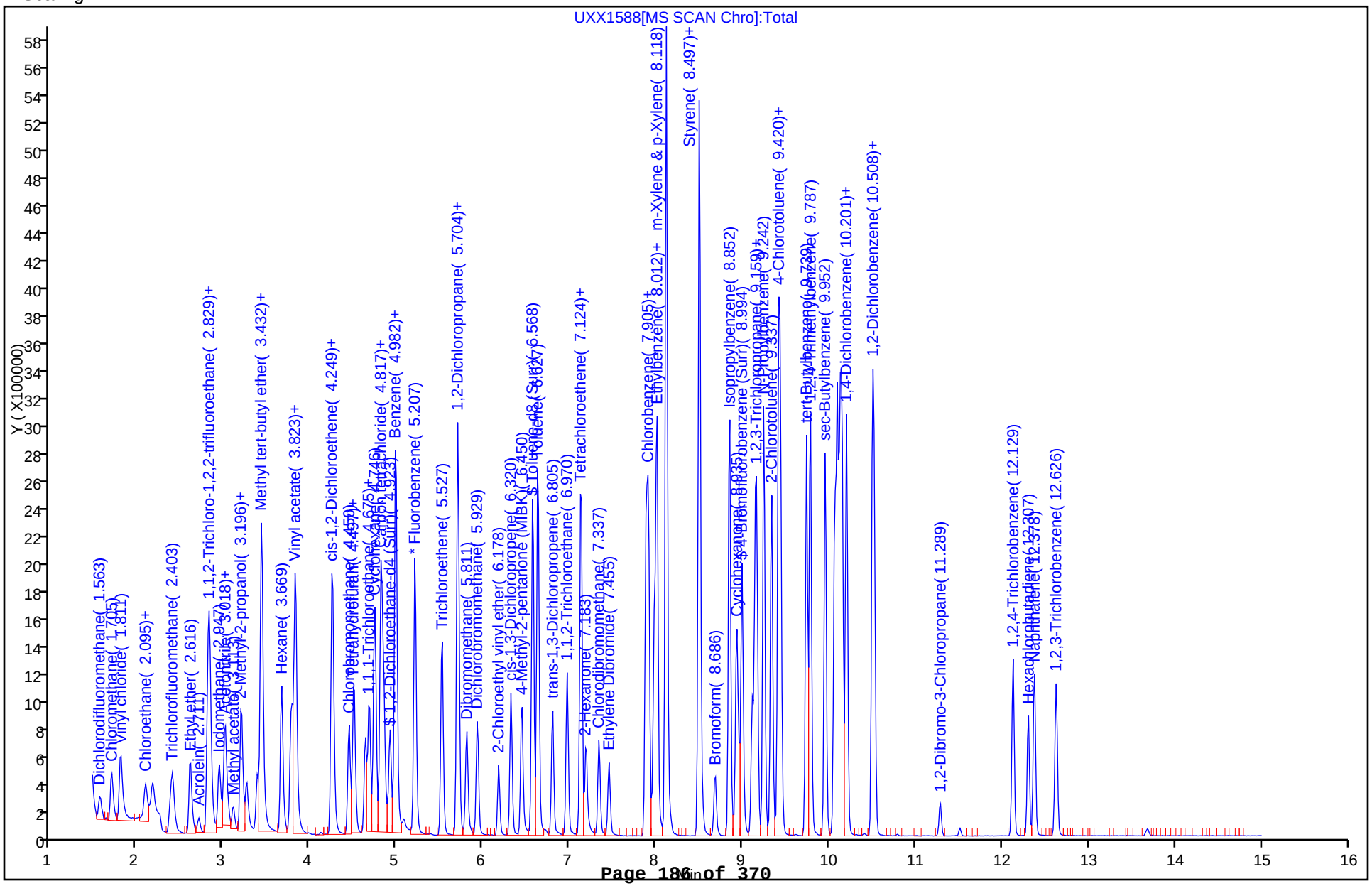
Report Date: 21-Dec-2012 08:34:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1588.D

Injection Date:	20-Dec-2012 12:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	4
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69591/5

Matrix: Water | Lab File ID: UXX1589.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 12:43

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.: 69591 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.000965	J	0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.000928	J	0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.000894	J	0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.000865	J	0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.000938	J	0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.000901	J	0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00185	J	0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.000908	J	0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.00922	J	0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00828	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00899	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.00910	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.000979	J	0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000679	J ^	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00103		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00102		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.000896	J	0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.000910	J	0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.000961	J	0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.000779	J	0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.000754	J	0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.000865	J	0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.000799	J	0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.000889	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00105		0.0010	0.00050	0.00033
100-42-5	Styrene	0.000737	J	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.000980	J	0.0010	0.00050	0.00029
108-88-3	Toluene	0.000959	J	0.0010	0.00025	0.00013
10061-02-6	trans-1,3-Dichloropropene	0.000696	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.000960	J	0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.000959	J	0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.00253		0.0020	0.00075	0.00028
67-66-3	Chloroform	0.000918	J	0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.000922	J	0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.000879	J	0.0010	0.00025	0.00024
75-00-3	Chloroethane	0.000981	J	0.0010	0.00050	0.00029

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69591/5

Matrix: Water Lab File ID: UXX1589.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 12:43

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.: 69591 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		50-150
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		50-150
460-00-4	4-Bromofluorobenzene (Surr)	97		50-150
1868-53-7	Dibromofluoromethane (Surr)	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1589.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 12:43:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016059-005
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 69591 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 20-Dec-2012 13:08:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2138012	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.879	-0.001	83	1551915	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	93	954861	10.0	
$ 4 BFB	95	2.814	3.747	-0.933	0	885	0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	67	493227	9.86	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	513998	8.80	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1957734	9.74	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	96	687972	9.73	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	89	41864	1.06	
13 Chloromethane	50	1.701	1.693	0.008	96	67847	0.9615	
14 Vinyl chloride	62	1.796	1.799	-0.003	82	67311	0.9590	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.092	2.095	-0.003	82	34056	1.03	
17 Chloroethane	64	2.175	2.178	-0.003	78	40135	0.9813	
18 Dichlorofluoromethane	67		2.329					
19 Trichlorofluoromethane	101	2.399	2.391	0.008	84	54357	0.9574	
20 Ethyl ether	59		2.613					9
21 Acrolein	56	2.707	2.710	-0.003	86	51028	7.96	
23 1,1-Dichloroethene	96	2.814	2.817	-0.003	94	50830	0.9381	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.837	2.829	0.008	70	49240	1.16	
24 Acetone	43	2.825	2.829	-0.004	99	123738	9.10	
22 Methylal	45		2.851					
26 Iodomethane	142	2.944	2.947	-0.003	93	86952	1.01	
27 Carbon disulfide	76	3.015	3.006	0.009	98	168643	1.02	
28 Acetonitrile	41	3.050	3.053	-0.003	97	41867	10.9	
30 Methyl acetate	43	3.109	3.101	0.008	87	71895	1.80	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
29 3-Chloro-1-propene	76		3.110					9
31 Methylene Chloride	84	3.204	3.195	0.009	82	114307	1.05	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	92	46092	18.8	
33 Acrylonitrile	53	3.382	3.385	-0.003	73	30530	1.62	
34 trans-1,2-Dichloroethene	96	3.441	3.432	0.009	73	54866	0.9345	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	89	128228	0.8894	
36 Hexane	86	3.666	3.669	-0.003	88	11828	1.01	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	81	83940	0.8648	
38 Vinyl acetate	86	3.808	3.799	0.009	96	6146	0.7413	
39 Isopropyl ether	87		3.832					9
40 2-Chloro-1,3-butadiene	53		3.856					
41 Tert-butyl ethyl ether	59		4.128					
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	76	56876	0.9140	
42 2-Butanone (MEK)	43	4.245	4.248	-0.003	98	180601	9.22	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	91	50343	1.00	
45 Propionitrile	54		4.293					
46 Ethyl acetate	43	4.245	4.293	-0.048	65	180601	4.96	
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.447	4.450	-0.003	78	28202	0.9215	
50 Chloroform	83	4.506	4.497	0.009	68	89974	0.9176	
49 Tetrahydrofuran	42	4.506	4.497	0.009	27	12159	0.8911	
51 1,1,1-Trichloroethane	97	4.683	4.686	-0.003	88	68718	0.9653	
52 Cyclohexane	56	4.742	4.745	-0.003	87	86382	0.9669	
53 1,1-Dichloropropene	75	4.813	4.816	-0.003	90	67429	0.9357	
54 Carbon tetrachloride	117	4.825	4.828	-0.003	83	55557	0.8958	
55 Isobutyl alcohol	41		4.850					9
57 Benzene	78	4.991	4.982	0.009	92	228105	0.9787	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	40	61594	0.9009	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130	5.523	5.526	-0.003	89	57121	0.9601	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.713	5.704	0.009	75	46646	0.9078	
63 Methylcyclohexane	83	5.701	5.704	-0.003	87	75198	0.9601	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.807	5.810	-0.003	76	28714	0.9394	
67 1,4-Dioxane	88	5.807	5.810	-0.003	1	8854	28.4	
68 Dichlorobromomethane	83	5.926	5.929	-0.003	88	54976	0.8650	
69 2-Nitropropane	41		6.116					9
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	82	37874	1.42	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	72	56790	0.7790	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.449	-0.003	96	355851	8.99	
73 Toluene	91	6.636	6.627	0.009	96	238051	0.9591	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	84	45810	0.6964	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	78	39885	1.07	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	83	43018	0.8937	
77 1,3-Dichloropropane	76	7.121	7.124	-0.003	81	71261	0.8524	
78 Tetrachloroethene	164	7.133	7.136	-0.003	95	49746	0.9795	
79 2-Hexanone	43	7.192	7.183	0.009	95	226888	8.28	
80 n-Butyl acetate	56		7.299					
81 Chlorodibromomethane	129	7.334	7.337	-0.003	72	37124	0.7542	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.452	7.455	-0.003	83	41604	0.8786	
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112	7.914	7.905	0.009	95	148512	0.9099	
86 1,1,1,2-Tetrachloroethane	131	7.985	7.976	0.009	78	44541	0.7984	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	66579	0.7986	
88 m-Xylene & p-Xylene	106	8.115	8.118	-0.003	99	174991	1.66	
89 o-Xylene	106	8.493	8.496	-0.003	89	88176	0.8691	
90 Styrene	104	8.505	8.508	-0.003	90	122925	0.7373	
91 Bromoform	173	8.683	8.686	-0.003	86	21725	0.6790	
92 Isopropylbenzene	105	8.848	8.851	-0.003	92	194741	0.7895	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.931	8.932	-0.001	75	40990	7.79	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.112	-0.003	89	63165	0.9280	
96 Bromobenzene	156	9.144	9.147	-0.003	90	69296	0.9516	
97 1,2,3-Trichloropropane	110	9.168	9.159	0.009	67	17678	0.7988	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.171	-0.003	50	5890	0.3500	
99 N-Propylbenzene	120	9.251	9.242	0.009	95	59683	0.8472	
100 2-Chlorotoluene	126	9.334	9.337	-0.003	95	58261	0.8734	
101 1,3,5-Trimethylbenzene	105	9.416	9.419	-0.003	90	171518	0.8449	
102 4-Chlorotoluene	126	9.440	9.443	-0.003	95	60799	0.8560	
103 tert-Butylbenzene	119	9.736	9.739	-0.003	86	156898	0.8634	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	69	166600	0.7989	
105 sec-Butylbenzene	105	9.949	9.952	-0.003	88	193405	0.8524	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	93	137849	1.02	
107 4-Isopropyltoluene	119	10.091	10.094	-0.003	91	158478	0.8196	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	90	143479	0.9834	
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91	10.505	10.496	0.009	93	144577	0.9363	
111 1,2-Dichlorobenzene	146	10.517	10.520	-0.003	96	134010	1.04	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	43	11620	1.14	
113 1,3,5-Trichlorobenzene	180	11.511	11.514	-0.003	89	65149	0.9237	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	87	89017	1.46	
115 Hexachlorobutadiene	225	12.304	12.307	-0.003	87	50706	1.68	
116 Naphthalene	128	12.375	12.378	-0.003	100	216255	1.46	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	96	98373	1.65	
118 2-Methylnaphthalene	142	13.676	13.689	-0.013	52	8991	0.1366	
S 119 Trihalomethanes, Total	1				0		3.22	
S 120 1,2-Dichloroethene, Total	96				0		1.85	
S 121 1,3-Dichloropropene, Total	75				0		1.48	
S 122 Xylenes, Total	106				0		2.53	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

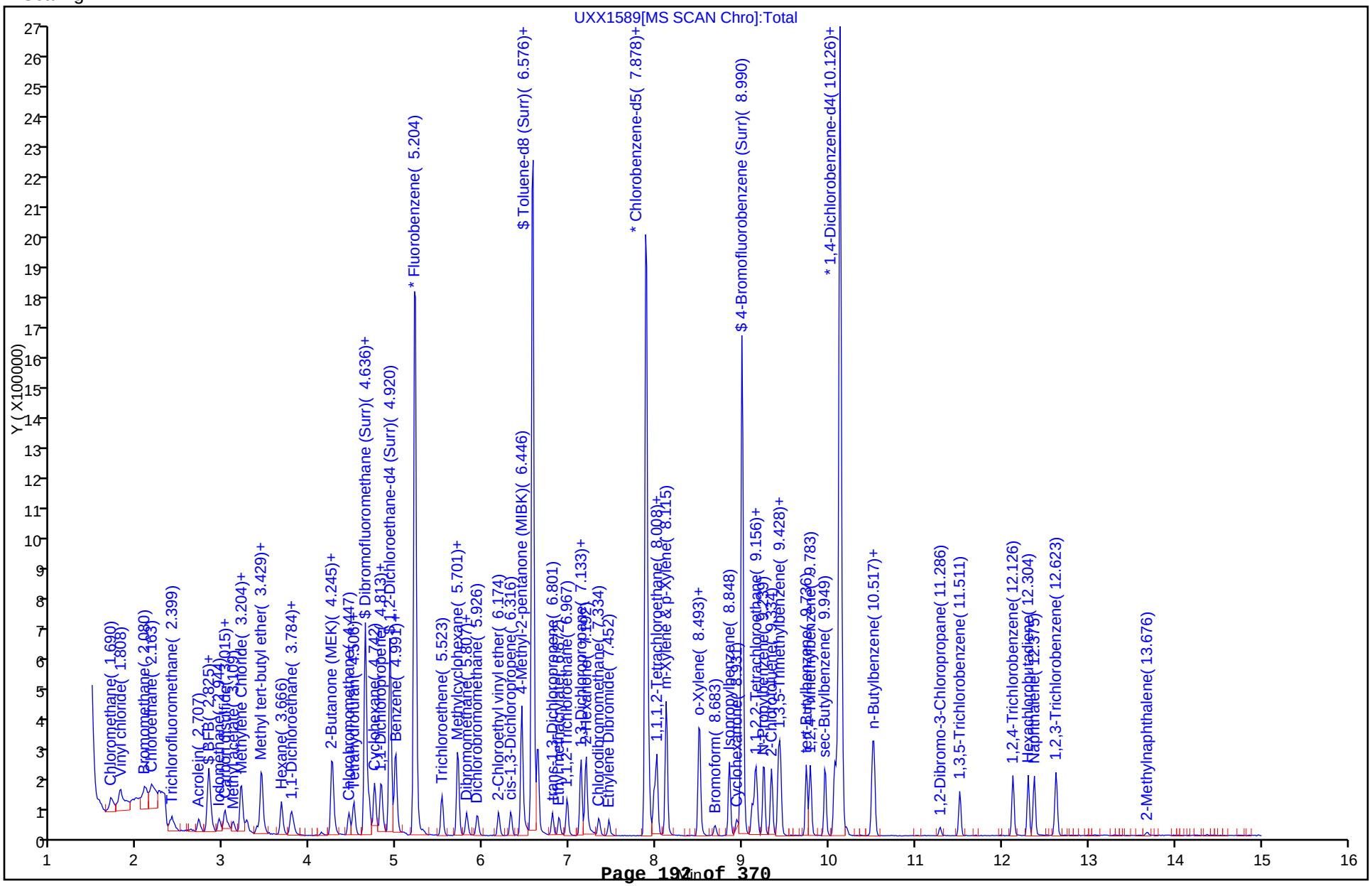
Report Date: 21-Dec-2012 08:34:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1589.D

Injection Date:	20-Dec-2012 12:43:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	5
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69591/18

Matrix: Water | Lab File ID: UXX1602.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 17:42

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.: 69591 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.000975	J	0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.000914	J	0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.000955	J	0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.000967	J	0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.000977	J	0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00101		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00193	J	0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.000992	J	0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.00903	J	0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00856	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00853	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.00944	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00101		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000816	J	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00119		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00103		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.000881	J	0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.000975	J	0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00109		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.000806	J	0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.000871	J	0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.000940	J	0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.000912	J	0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.000923	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.000617	J ^	0.0010	0.00050	0.00033
100-42-5	Styrene	0.000787	J	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.000921	J	0.0010	0.00050	0.00029
108-88-3	Toluene	0.00100		0.0010	0.00025	0.00013
10061-02-6	trans-1,3-Dichloropropene	0.000735	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00104		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00107		0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.00250		0.0020	0.00075	0.00028
67-66-3	Chloroform	0.000952	J	0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00106		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.000923	J	0.0010	0.00025	0.00024
75-00-3	Chloroethane	0.00118		0.0010	0.00050	0.00029

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69591/18

Matrix: Water Lab File ID: UXX1602.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 17:42

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.: 69591 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		50-150
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-150
460-00-4	4-Bromofluorobenzene (Surr)	101		50-150
1868-53-7	Dibromofluoromethane (Surr)	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1602.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 17:42:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016059-018
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 18
Lims Batch ID: 69591 Lims Sample ID: 18
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 21-Dec-2012 07:44:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2120462	10.0	
* 2 Chlorobenzene-d5	117	7.890	7.879	0.011	81	1482662	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	92	945938	10.0	
$ 4 BFB	95	3.441	3.747	-0.306	0	2055	0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	66	487920	9.83	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	534959	9.23	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1907042	9.93	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	96	681672	10.1	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.571	1.562	0.009	73	37093	0.9462	
13 Chloromethane	50	1.701	1.693	0.008	95	76414	1.09	
14 Vinyl chloride	62	1.796	1.799	-0.003	70	74777	1.07	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.080	2.095	-0.015	81	38738	1.19	
17 Chloroethane	64	2.175	2.178	-0.003	78	47890	1.18	
18 Dichlorofluoromethane	67		2.329					9
19 Trichlorofluoromethane	101	2.399	2.391	0.008	83	59816	1.06	
20 Ethyl ether	59		2.613					
21 Acrolein	56	2.707	2.710	-0.003	85	51690	8.13	
23 1,1-Dichloroethene	96	2.814	2.817	-0.003	84	52495	0.9768	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.837	2.829	0.008	52	34730	0.8276	
24 Acetone	43	2.837	2.829	0.008	97	126858	9.44	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.944	2.947	-0.003	96	87838	1.03	
27 Carbon disulfide	76	3.015	3.006	0.009	100	169047	1.03	
28 Acetonitrile	41	3.050	3.053	-0.003	92	50761	13.4	
30 Methyl acetate	43	3.109	3.101	0.008	95	78638	1.98	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
29 3-Chloro-1-propene	76		3.110					9
31 Methylene Chloride	84	3.204	3.195	0.009	86	88473	0.6172	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	91	51158	21.0	
33 Acrylonitrile	53	3.393	3.385	0.008	91	35851	1.92	
34 trans-1,2-Dichloroethene	96	3.441	3.432	0.009	72	56757	0.9748	
35 Methyl tert-butyl ether	73	3.441	3.432	0.009	88	131917	0.9225	
36 Hexane	86	3.677	3.669	0.008	84	8088	0.6981	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	89	93111	0.9672	
38 Vinyl acetate	86	3.808	3.799	0.009	96	6210	0.7553	
39 Isopropyl ether	87	3.831	3.832	-0.001	86	9834	0.2029	
40 2-Chloro-1,3-butadiene	53		3.856					9
41 Tert-butyl ethyl ether	59		4.128					9
43 cis-1,2-Dichloroethene	96	4.257	4.248	0.009	76	58942	0.9551	
42 2-Butanone (MEK)	43	4.245	4.248	-0.003	100	175543	9.03	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	83	48086	0.9605	
45 Propionitrile	54		4.293					
46 Ethyl acetate	43	4.245	4.293	-0.048	82	183005	5.06	
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.446	4.450	-0.004	76	32247	1.06	
50 Chloroform	83	4.506	4.497	0.009	64	92598	0.9522	
49 Tetrahydrofuran	42	4.494	4.497	-0.003	30	11326	0.8369	
51 1,1,1-Trichloroethane	97	4.683	4.686	-0.003	90	68843	0.9751	
52 Cyclohexane	56	4.742	4.745	-0.003	85	66181	0.7469	
53 1,1-Dichloropropene	75	4.813	4.816	-0.003	90	65870	0.9216	
54 Carbon tetrachloride	117	4.825	4.828	-0.003	78	54219	0.8815	
55 Isobutyl alcohol	41		4.850					9
57 Benzene	78	4.991	4.982	0.009	92	234239	1.01	
56 1,2-Dichloroethane	62	4.991	4.982	0.009	48	68171	1.01	
58 Tert-amyl methyl ether	73		5.062					
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					9
61 Trichloroethene	130	5.523	5.526	-0.003	87	61512	1.04	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.701	5.704	-0.003	79	50576	0.99	
63 Methylcyclohexane	83	5.701	5.704	-0.003	82	53943	0.6944	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.807	5.810	-0.003	84	28887	0.9529	
67 1,4-Dioxane	88	5.819	5.810	0.009	19	11533	37.2	
68 Dichlorobromomethane	83	5.926	5.929	-0.003	91	59230	0.9396	
69 2-Nitropropane	41		6.116					9
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	82	37799	1.43	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	72	58287	0.8062	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.449	-0.003	95	334561	8.53	
73 Toluene	91	6.636	6.627	0.009	91	237457	1.00	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	86	46213	0.7353	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	79	40788	1.12	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	83	43923	0.9552	
77 1,3-Dichloropropane	76	7.121	7.124	-0.003	82	70543	0.8833	
78 Tetrachloroethene	164	7.133	7.136	-0.003	91	44686	0.9210	
79 2-Hexanone	43	7.192	7.183	0.009	97	224026	8.56	
80 n-Butyl acetate	56		7.299					9
81 Chlorodibromomethane	129	7.334	7.337	-0.003	74	40953	0.8709	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.452	7.455	-0.003	83	41744	0.9228	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.913	7.905	0.008	96	152063	0.9751	
86 1,1,1,2-Tetrachloroethane	131	7.984	7.976	0.008	79	46796	0.8780	
87 Ethylbenzene	106	8.008	8.011	-0.003	96	72678	0.9125	
88 m-Xylene & p-Xylene	106	8.115	8.118	-0.003	98	166058	1.65	
89 o-Xylene	106	8.493	8.496	-0.003	90	82028	0.8463	
90 Styrene	104	8.505	8.508	-0.003	90	125346	0.7869	
91 Bromoform	173	8.683	8.686	-0.003	86	24939	0.8159	
92 Isopropylbenzene	105	8.848	8.851	-0.003	92	189686	0.8050	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.932					9
95 1,1,2,2-Tetrachloroethane	83	9.109	9.112	-0.003	85	61619	0.9138	
96 Bromobenzene	156	9.144	9.147	-0.003	87	68632	0.9514	
97 1,2,3-Trichloropropane	110	9.168	9.159	0.009	65	18716	0.8537	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.171	-0.003	64	9721	0.5830	
99 N-Propylbenzene	120	9.251	9.242	0.009	96	58328	0.8358	
100 2-Chlorotoluene	126	9.333	9.337	-0.004	96	57686	0.8729	
101 1,3,5-Trimethylbenzene	105	9.416	9.419	-0.003	92	156485	0.7781	
102 4-Chlorotoluene	126	9.440	9.443	-0.003	97	65539	0.9314	
103 tert-Butylbenzene	119	9.736	9.739	-0.003	88	153279	0.8514	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	93	163342	0.7907	
105 sec-Butylbenzene	105	9.961	9.952	0.009	85	175510	0.7808	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	94	131158	0.9843	
107 4-Isopropyltoluene	119	10.091	10.094	-0.003	92	155604	0.8124	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	77	150002	1.04	
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91	10.505	10.496	0.009	93	124237	0.8121	
111 1,2-Dichlorobenzene	146	10.529	10.520	0.009	95	128416	1.00	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	36	9289	0.9228	
113 1,3,5-Trichlorobenzene	180	11.511	11.514	-0.003	90	64288	0.9201	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	85	78451	1.30	
115 Hexachlorobutadiene	225	12.303	12.307	-0.004	85	47228	1.58	
116 Naphthalene	128	12.374	12.378	-0.004	100	181925	1.24	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	98	89001	1.51	
118 2-Methylnaphthalene	142		13.689					
S 119 Trihalomethanes, Total	1				0		3.58	
S 120 1,2-Dichloroethene, Total	96				0		1.93	
S 121 1,3-Dichloropropene, Total	75				0		1.54	
S 122 Xylenes, Total	106				0		2.49	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

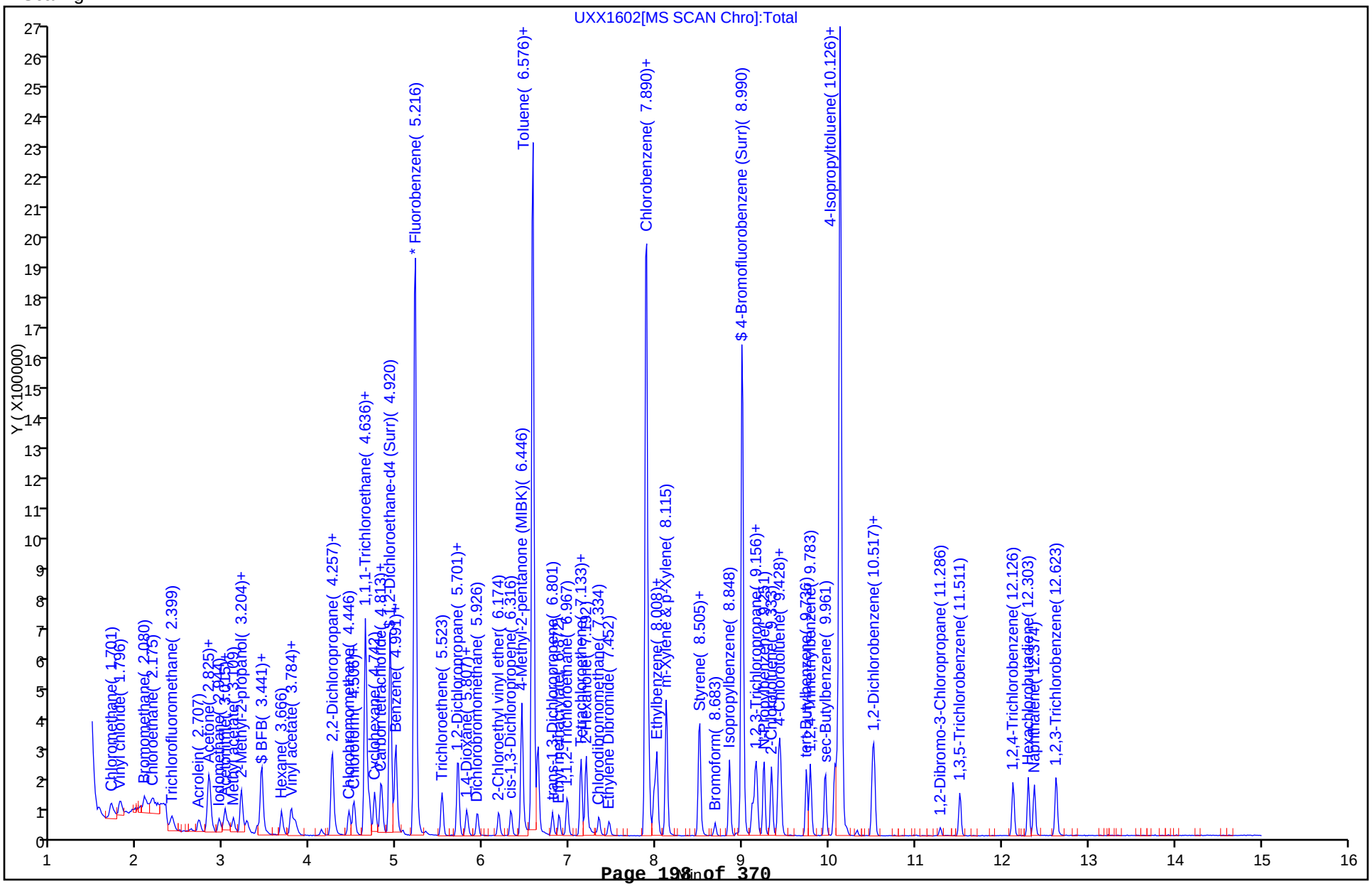
Report Date: 21-Dec-2012 08:54:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1602.D

Injection Date:	20-Dec-2012 17:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	18
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070-0058-0001-IDW MS | Lab Sample ID: 240-18735-5 MS

Matrix: Solid (TCLP) | Lab File ID: UXX1990.D

Analysis Method: 8260B/DoD | Date Collected: 12/12/2012 13:30

Sample wt/vol: 0.2(mL) | Date Analyzed: 01/02/2013 16:24

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.: 70888 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
75-35-4	1,1-Dichloroethene	0.259		0.025	0.013	0.0095
107-06-2	1,2-Dichloroethane	0.255		0.025	0.013	0.011
78-93-3	2-Butanone (MEK)	0.496		0.25	0.025	0.029
71-43-2	Benzene	0.257		0.025	0.013	0.0065
56-23-5	Carbon tetrachloride	0.265		0.025	0.013	0.0065
108-90-7	Chlorobenzene	0.247		0.025	0.013	0.0075
127-18-4	Tetrachloroethene	0.248		0.025	0.025	0.015
79-01-6	Trichloroethene	0.271		0.025	0.013	0.0085
75-01-4	Vinyl chloride	0.238		0.025	0.013	0.011
67-66-3	Chloroform	0.256		0.025	0.013	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		90-115
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		80-121
460-00-4	4-Bromofluorobenzene (Surr)	103		70-124
1868-53-7	Dibromofluoromethane (Surr)	103		84-128

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20130102-16347.b\UXX1990.D
Lims ID: 240-18735-C-5-A MS Client ID:
Inject. Date: 02-Jan-2013 16:24:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016347-008
Misc. Info.: P30102A,8260LLUX10,,1904 =P30102A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 70888 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20130102-16347.b\8260_10.m
Last Update: 03-Jan-2013 07:29:20 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK036

First Level Reviewer: quayler Date: 03-Jan-2013 07:20:36

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.205	0.002	100	2031037	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.879	0.002	81	1506111	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	89	898671	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.625	0.002	59	491118	10.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.911	4.921	-0.010	0	553462	9.97	
$ 7 Toluene-d8 (Surr)	98	6.567	6.565	0.002	93	1930084	9.90	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.991	0.002	96	707764	10.3	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.562	1.560	0.002	87	418655	11.1	
13 Chloromethane	50	1.680	1.690	-0.010	89	626087	9.34	
14 Vinyl chloride	62	1.787	1.797	-0.010	83	635871	9.54	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.071	2.081	-0.010	89	273708	8.75	
17 Chloroethane	64	2.154	2.163	-0.009	99	377305	9.71	
18 Dichlorofluoromethane	67		2.329					9
19 Trichlorofluoromethane	101	2.379	2.388	-0.010	97	577937	10.7	
20 Ethyl ether	59	2.591	2.601	-0.010	90	456384	10.7	
21 Acrolein	56		2.696					
23 1,1-Dichloroethene	96	2.804	2.802	0.002	88	532509	10.3	
24 Acetone	43	2.828	2.826	0.002	93	273911	22.4	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.816	2.826	-0.010	88	463764	11.5	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.935	2.933	0.002	97	910927	11.1	
27 Carbon disulfide	76	3.006	3.004	0.002	99	1665062	10.6	
28 Acetonitrile	41		3.051					9
29 3-Chloro-1-propene	76		3.098					9
30 Methyl acetate	43	3.100	3.098	0.002	97	345757	9.09	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 Methylene Chloride	84	3.195	3.193	0.002	83	610417	10.1	
32 2-Methyl-2-propanol	59	3.254	3.264	-0.010	94	588741	252.1	
33 Acrylonitrile	53		3.382					9
34 trans-1,2-Dichloroethene	96	3.432	3.430	0.002	71	584061	10.5	
35 Methyl tert-butyl ether	73	3.420	3.430	-0.010	91	1322797	9.66	
36 Hexane	86	3.656	3.666	-0.010	91	111921	10.1	
37 1,1-Dichloroethane	63	3.763	3.773	-0.010	85	950172	10.3	
38 Vinyl acetate	86	3.798	3.796	0.002	97	106091	13.5	
39 Isopropyl ether	87	3.822	3.819	0.003	95	483808	10.4	
40 2-Chloro-1,3-butadiene	53		3.855					9
41 Tert-butyl ethyl ether	59		4.115					
42 2-Butanone (MEK)	43	4.236	4.234	0.002	58	369532	19.8	
43 cis-1,2-Dichloroethene	96	4.248	4.246	0.002	80	609803	10.3	
44 2,2-Dichloropropane	77	4.248	4.258	-0.010	76	510254	10.6	
45 Propionitrile	54		4.281					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128	4.437	4.435	0.002	92	292406	10.1	
49 Tetrahydrofuran	42	4.485	4.495	-0.010	94	120560	9.30	
50 Chloroform	83	4.497	4.495	0.002	80	953738	10.2	
51 1,1,1-Trichloroethane	97	4.674	4.672	0.002	91	707932	10.5	
52 Cyclohexane	56	4.733	4.743	-0.010	88	823185	9.70	
53 1,1-Dichloropropene	75	4.804	4.814	-0.010	94	721499	10.5	
54 Carbon tetrachloride	117	4.816	4.826	-0.010	93	625591	10.6	
55 Isobutyl alcohol	41	4.852	4.849	0.003	94	710796	569.8	
56 1,2-Dichloroethane	62	4.982	4.980	0.002	45	662452	10.2	
57 Benzene	78	4.982	4.980	0.002	95	2276906	10.3	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.405					
61 Trichloroethene	130	5.514	5.524	-0.010	96	613463	10.9	
62 Ethyl acrylate	55	5.704	5.605	0.099	68	549073	0	
63 Methylcyclohexane	83	5.704	5.702	0.002	86	750294	10.1	
64 1,2-Dichloropropane	63	5.704	5.702	0.002	77	505972	10.4	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.798	5.808	-0.010	90	325405	11.2	
67 1,4-Dioxane	88		5.808					19
68 Dichlorobromomethane	83	5.928	5.926	0.002	99	643967	10.7	
69 2-Nitropropane	41		6.115					
70 2-Chloroethyl vinyl ether	63	6.177	6.175	0.002	92	222087	8.75	
71 cis-1,3-Dichloropropene	75	6.319	6.317	0.002	90	689848	9.96	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.447	-0.010	96	747321	19.9	
73 Toluene	91	6.626	6.624	0.002	97	2365491	9.82	
74 trans-1,3-Dichloropropene	75	6.792	6.802	-0.010	88	597970	9.37	
75 Ethyl methacrylate	69		6.873					9
76 1,1,2-Trichloroethane	97	6.970	6.968	0.002	89	457165	9.79	
77 1,3-Dichloropropane	76	7.123	7.121	0.002	90	760152	9.37	
78 Tetrachloroethene	164	7.123	7.133	-0.010	89	488809	9.92	
79 2-Hexanone	43	7.183	7.181	0.002	96	528737	19.9	
80 n-Butyl acetate	56	7.289	7.298	-0.009	83	6393	0	
81 Chlorodibromomethane	129	7.336	7.334	0.002	88	467280	9.78	
82 Tetrahydrothiophene	60		7.346					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 Ethylene Dibromide	107	7.455	7.453	0.002	98	432202	9.41	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.904	7.914	-0.010	94	1565375	9.88	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.973	0.002	90	543213	10.0	
87 Ethylbenzene	106	8.011	8.009	0.002	97	817482	10.1	
88 m-Xylene & p-Xylene	106	8.117	8.115	0.002	99	2122375	20.7	
89 o-Xylene	106	8.496	8.494	0.002	89	1009145	10.2	
90 Styrene	104	8.496	8.506	-0.010	91	1716163	10.6	
91 Bromoform	173	8.674	8.683	-0.009	98	290046	9.34	
92 Isopropylbenzene	105	8.851	8.849	0.002	94	2429904	10.2	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.922	8.931	-0.009	86	220640	44.5	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.109	0.002	94	586253	9.15	
96 Bromobenzene	156	9.147	9.145	0.002	89	701151	10.2	
97 1,2,3-Trichloropropane	110	9.159	9.157	0.002	72	200343	9.62	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.169	0.003	78	265736	16.8	
99 N-Propylbenzene	120	9.242	9.240	0.002	98	713922	10.8	
100 2-Chlorotoluene	126	9.336	9.334	0.002	97	636645	10.1	
101 1,3,5-Trimethylbenzene	105	9.407	9.417	-0.010	94	1975131	10.3	
102 4-Chlorotoluene	126	9.431	9.441	-0.010	98	677642	10.1	
103 tert-Butylbenzene	119	9.739	9.736	0.002	80	1558338	9.11	
104 1,2,4-Trimethylbenzene	105	9.786	9.784	0.002	70	2013522	10.3	
105 sec-Butylbenzene	105	9.951	9.949	0.002	93	2160586	10.1	
106 1,3-Dichlorobenzene	146	10.058	10.068	-0.010	96	1224594	9.67	
107 4-Isopropyltoluene	119	10.093	10.091	0.002	92	1897498	10.4	
108 1,4-Dichlorobenzene	146	10.153	10.151	0.002	95	1282000	9.34	
109 1,2,3-Trimethylbenzene	105	10.200	10.197	0.003	89	1975165	10.4	
110 n-Butylbenzene	91	10.496	10.506	-0.010	94	1365958	9.40	
111 1,2-Dichlorobenzene	146	10.519	10.517	0.002	98	1123176	9.25	
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.287	0.002	84	80663	8.43	
113 1,3,5-Trichlorobenzene	180		11.511					
114 1,2,4-Trichlorobenzene	180	12.129	12.127	0.002	93	405739	7.09	
115 Hexachlorobutadiene	225	12.306	12.304	0.002	92	176185	6.19	
116 Naphthalene	128	12.377	12.375	0.002	100	813452	5.85	
117 1,2,3-Trichlorobenzene	180	12.626	12.624	0.002	99	347829	6.21	
118 2-Methylnaphthalene	142		13.688					
S 119 Trihalomethanes, Total	1				0		40.0	
S 120 1,2-Dichloroethene, Total	96				0		20.8	
S 121 1,3-Dichloropropene, Total	75				0		19.3	
S 122 Xylenes, Total	106				0		31.0	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

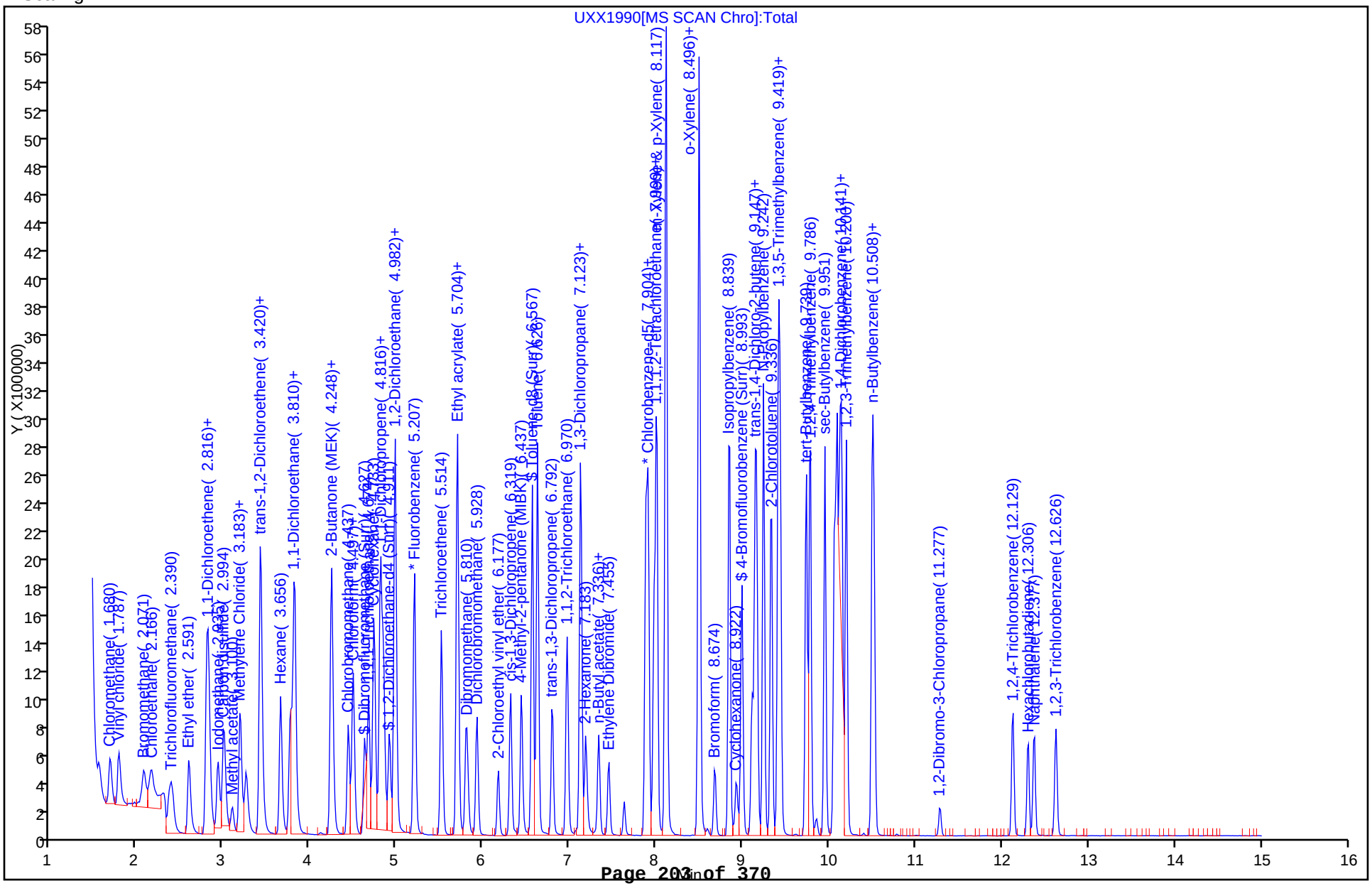
Report Date: 03-Jan-2013 07:29:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20130102-16347.b\UXX1990.D

Injection Date:	02-Jan-2013 16:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	70888	Lims Sample ID:	8
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070-0058-0001-IDW MSD | Lab Sample ID: 240-18735-5 MSD

Matrix: Solid (TCLP) | Lab File ID: UXX1991.D

Analysis Method: 8260B/DoD | Date Collected: 12/12/2012 13:30

Sample wt/vol: 0.2(mL) | Date Analyzed: 01/02/2013 16:46

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.: 70888 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
75-35-4	1,1-Dichloroethene	0.263		0.025	0.013	0.0095
107-06-2	1,2-Dichloroethane	0.257		0.025	0.013	0.011
78-93-3	2-Butanone (MEK)	0.486		0.25	0.025	0.029
71-43-2	Benzene	0.256		0.025	0.013	0.0065
56-23-5	Carbon tetrachloride	0.274		0.025	0.013	0.0065
108-90-7	Chlorobenzene	0.248		0.025	0.013	0.0075
127-18-4	Tetrachloroethene	0.255		0.025	0.025	0.015
79-01-6	Trichloroethene	0.270		0.025	0.013	0.0085
75-01-4	Vinyl chloride	0.233		0.025	0.013	0.011
67-66-3	Chloroform	0.250		0.025	0.013	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		90-115
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		80-121
460-00-4	4-Bromofluorobenzene (Surr)	100		70-124
1868-53-7	Dibromofluoromethane (Surr)	101		84-128

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20130102-16347.b\UXX1991.D
Lims ID: 240-18735-C-5-A MSD Client ID:
Inject. Date: 02-Jan-2013 16:46:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016347-009
Misc. Info.: P30102A,8260LLUX10,,1904 =P30102A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 70888 Lims Sample ID: 9
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20130102-16347.b\8260_10.m
Last Update: 03-Jan-2013 07:29:20 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK036

First Level Reviewer: quayler Date: 03-Jan-2013 07:20:19

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.205	0.001	100	2079591	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.879	0.001	82	1540302	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	89	883234	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.625	0.001	57	493703	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.910	4.921	-0.011	0	532927	9.38	
$ 7 Toluene-d8 (Surr)	98	6.567	6.565	0.002	92	1951887	9.79	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.991	0.002	94	699583	9.97	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.562	1.560	0.002	96	442401	11.5	
13 Chloromethane	50	1.680	1.690	-0.010	89	666628	9.71	
14 Vinyl chloride	62	1.786	1.797	-0.011	97	636023	9.32	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.070	2.081	-0.011	91	284280	8.87	
17 Chloroethane	64	2.153	2.163	-0.010	94	376971	9.48	
18 Dichlorofluoromethane	67		2.329					9
19 Trichlorofluoromethane	101	2.378	2.388	-0.010	97	594116	10.8	
20 Ethyl ether	59	2.591	2.601	-0.010	90	450279	10.3	
21 Acrolein	56		2.696					
23 1,1-Dichloroethene	96	2.804	2.802	0.002	90	554996	10.5	
24 Acetone	43	2.816	2.826	-0.010	61	268446	21.4	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.816	2.826	-0.010	88	471048	11.4	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.934	2.933	0.001	96	941096	11.2	
27 Carbon disulfide	76	3.005	3.004	0.001	99	1724547	10.7	
28 Acetonitrile	41		3.051					9
29 3-Chloro-1-propene	76		3.098					9
30 Methyl acetate	43	3.100	3.098	0.002	97	337468	8.67	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 Methylene Chloride	84	3.195	3.193	0.001	88	622099	10.0	
32 2-Methyl-2-propanol	59	3.254	3.264	-0.010	93	581932	243.4	
33 Acrylonitrile	53		3.382					9
34 trans-1,2-Dichloroethene	96	3.431	3.430	0.001	70	609501	10.7	
35 Methyl tert-butyl ether	73	3.419	3.430	-0.011	90	1347863	9.61	
36 Hexane	86	3.656	3.666	-0.010	92	121098	10.7	
37 1,1-Dichloroethane	63	3.762	3.773	-0.011	97	958064	10.1	
38 Vinyl acetate	86	3.798	3.796	0.002	97	106060	13.2	
39 Isopropyl ether	87	3.822	3.819	0.003	95	501591	10.6	
40 2-Chloro-1,3-butadiene	53		3.855					9
41 Tert-butyl ethyl ether	59		4.115					9
42 2-Butanone (MEK)	43	4.236	4.234	0.002	58	370592	19.4	
43 cis-1,2-Dichloroethene	96	4.248	4.246	0.002	81	623214	10.3	
44 2,2-Dichloropropane	77	4.248	4.258	-0.010	89	527490	10.7	
45 Propionitrile	54		4.281					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128	4.437	4.435	0.002	92	313417	10.5	
49 Tetrahydrofuran	42	4.484	4.495	-0.011	86	122188	9.21	
50 Chloroform	83	4.496	4.495	0.001	80	954834	10.0	
51 1,1,1-Trichloroethane	97	4.674	4.672	0.002	92	734494	10.6	
52 Cyclohexane	56	4.733	4.743	-0.010	88	851224	9.80	
53 1,1-Dichloropropene	75	4.804	4.814	-0.010	95	719358	10.3	
54 Carbon tetrachloride	117	4.816	4.826	-0.010	88	661478	11.0	
55 Isobutyl alcohol	41	4.851	4.849	0.002	94	708013	554.9	
56 1,2-Dichloroethane	62	4.981	4.980	0.001	51	684551	10.3	
57 Benzene	78	4.981	4.980	0.001	94	2322539	10.2	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.405					
61 Trichloroethene	130	5.514	5.524	-0.010	96	625681	10.8	
62 Ethyl acrylate	55	5.703	5.605	0.098	54	574955	0	
63 Methylcyclohexane	83	5.703	5.702	0.001	87	803334	10.5	
64 1,2-Dichloropropane	63	5.703	5.702	0.001	79	506894	10.1	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.798	5.808	-0.010	84	316907	10.7	
67 1,4-Dioxane	88	5.810	5.808	0.002	3	1152	3.79	
68 Dichlorobromomethane	83	5.928	5.926	0.002	100	660539	10.7	
69 2-Nitropropane	41		6.115					9
70 2-Chloroethyl vinyl ether	63	6.176	6.175	0.001	89	237959	9.16	
71 cis-1,3-Dichloropropene	75	6.318	6.317	0.001	89	695868	9.81	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.447	-0.010	96	750138	19.5	
73 Toluene	91	6.626	6.624	0.002	96	2440001	9.91	
74 trans-1,3-Dichloropropene	75	6.804	6.802	0.002	92	614811	9.42	
75 Ethyl methacrylate	69		6.873					9
76 1,1,2-Trichloroethane	97	6.969	6.968	0.001	83	465651	9.75	
77 1,3-Dichloropropane	76	7.123	7.121	0.002	93	774663	9.34	
78 Tetrachloroethene	164	7.135	7.133	0.002	95	513235	10.2	
79 2-Hexanone	43	7.182	7.181	0.001	95	537441	19.8	
80 n-Butyl acetate	56	7.300	7.298	0.002	80	7046	0	
81 Chlorodibromomethane	129	7.336	7.334	0.002	87	467737	9.57	
82 Tetrahydrothiophene	60		7.346					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 Ethylene Dibromide	107	7.454	7.453	0.001	98	434374	9.24	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.904	7.914	-0.010	95	1606792	9.92	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.973	0.002	83	561812	10.1	
87 Ethylbenzene	106	8.010	8.009	0.001	97	842422	10.2	
88 m-Xylene & p-Xylene	106	8.117	8.115	0.002	99	2183707	20.9	
89 o-Xylene	106	8.496	8.494	0.002	88	1043360	10.4	
90 Styrene	104	8.507	8.506	0.001	94	1768678	10.7	
91 Bromoform	173	8.673	8.683	-0.010	99	294215	9.27	
92 Isopropylbenzene	105	8.851	8.849	0.002	94	2503807	10.2	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.933	8.931	0.002	81	211532	43.4	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.109	0.002	90	577093	9.17	
96 Bromobenzene	156	9.146	9.145	0.001	88	718342	10.7	
97 1,2,3-Trichloropropane	110	9.158	9.157	0.001	73	193825	9.47	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.169	0.002	77	263281	16.9	
99 N-Propylbenzene	120	9.241	9.240	0.001	97	734497	11.3	
100 2-Chlorotoluene	126	9.336	9.334	0.002	97	647005	10.5	
101 1,3,5-Trimethylbenzene	105	9.419	9.417	0.002	94	2012878	10.7	
102 4-Chlorotoluene	126	9.430	9.441	-0.011	98	704658	10.7	
103 tert-Butylbenzene	119	9.738	9.736	0.002	80	1682125	10.0	
104 1,2,4-Trimethylbenzene	105	9.785	9.784	0.001	70	2066298	10.7	
105 sec-Butylbenzene	105	9.951	9.949	0.002	93	2171220	10.3	
106 1,3-Dichlorobenzene	146	10.069	10.068	0.001	82	1245588	10.0	
107 4-Isopropyltoluene	119	10.093	10.091	0.002	93	1928533	10.8	
108 1,4-Dichlorobenzene	146	10.152	10.151	0.001	94	1319568	9.78	
109 1,2,3-Trimethylbenzene	105	10.200	10.197	0.003	87	1985279	10.7	
110 n-Butylbenzene	91	10.495	10.506	-0.011	95	1414226	9.90	
111 1,2-Dichlorobenzene	146	10.519	10.517	0.002	97	1160965	9.72	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.287	0.001	83	79931	8.50	
113 1,3,5-Trichlorobenzene	180		11.511					
114 1,2,4-Trichlorobenzene	180	12.128	12.127	0.001	92	451618	8.03	
115 Hexachlorobutadiene	225	12.306	12.304	0.002	91	200045	7.15	
116 Naphthalene	128	12.377	12.375	0.002	100	980549	7.18	
117 1,2,3-Trichlorobenzene	180	12.625	12.624	0.001	99	420820	7.64	
118 2-Methylnaphthalene	142		13.688					
S 119 Trihalomethanes, Total	1				0		39.5	
S 120 1,2-Dichloroethene, Total	96				0		21.0	
S 121 1,3-Dichloropropene, Total	75				0		19.2	
S 122 Xylenes, Total	106				0		31.2	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

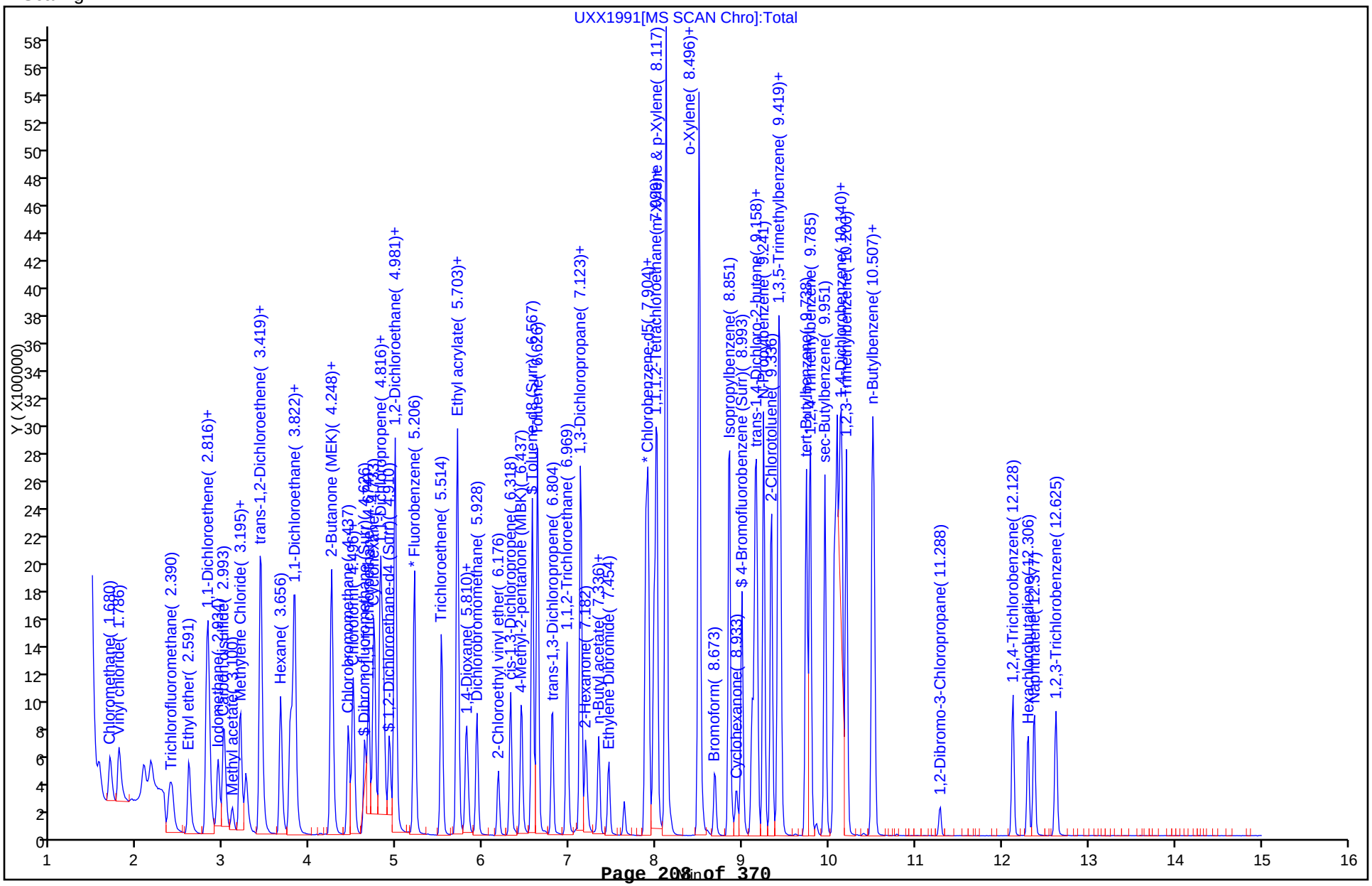
Report Date: 03-Jan-2013 07:29:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20130102-16347.b\UXX1991.D

Injection Date:	02-Jan-2013 16:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	70888	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: A3UX10 Start Date: 12/14/2012 15:04

Analysis Batch Number: 68811 End Date: 12/14/2012 19:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68811/1		12/14/2012 15:04	1	BFB5078.D	DB-624 0.18(mm)
STD8260 240-68811/2 IC		12/14/2012 15:32	1	UXX1400.D	DB-624 0.18(mm)
STD8260 240-68811/3 IC		12/14/2012 15:53	1	UXX1401.D	DB-624 0.18(mm)
STD8260 240-68811/4 ICIS		12/14/2012 16:15	1	UXX1402.D	DB-624 0.18(mm)
STD8260 240-68811/5 IC		12/14/2012 16:36	1	UXX1403.D	DB-624 0.18(mm)
STD8260 240-68811/6 IC		12/14/2012 16:57	1	UXX1404.D	DB-624 0.18(mm)
STD8260 240-68811/7 IC		12/14/2012 17:19	1	UXX1405.D	DB-624 0.18(mm)
STDA9 240-68811/8 IC		12/14/2012 17:40	1		DB-624 0.18(mm)
STDA9 240-68811/9 IC		12/14/2012 18:01	1		DB-624 0.18(mm)
STDA9 240-68811/10 IC		12/14/2012 18:23	1		DB-624 0.18(mm)
STDA9 240-68811/11 IC		12/14/2012 18:44	1		DB-624 0.18(mm)
STDA9 240-68811/12 IC		12/14/2012 19:05	1		DB-624 0.18(mm)
STDA9 240-68811/13 IC		12/14/2012 19:27	1		DB-624 0.18(mm)
ICV 240-68811/14		12/14/2012 19:48	1	UXX1412.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: A3UX10 Start Date: 12/20/2012 10:51

Analysis Batch Number: 69591 End Date: 12/20/2012 18:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-69591/1		12/20/2012 10:51	1	BFB5089.D	DB-624 0.18(mm)
CCV 240-69591/2		12/20/2012 11:59	1	UXX1587.D	DB-624 0.18(mm)
LCS 240-69591/4		12/20/2012 12:21	1	UXX1588.D	DB-624 0.18(mm)
MRL 240-69591/5		12/20/2012 12:43	1	UXX1589.D	DB-624 0.18(mm)
MB 240-69591/6		12/20/2012 13:05	1	UXX1590.D	DB-624 0.18(mm)
ZZZZZ		12/20/2012 13:42	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 14:04	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 14:26	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 14:47	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 15:09	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 15:31	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 15:53	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 16:15	1		DB-624 0.18(mm)
240-18735-7	070-0060-0001-TB	12/20/2012 16:37	1	UXX1599.D	DB-624 0.18(mm)
ZZZZZ		12/20/2012 16:58	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 17:20	1		DB-624 0.18(mm)
MRL 240-69591/18		12/20/2012 17:42	1	UXX1602.D	DB-624 0.18(mm)
LODV 240-69591/19		12/20/2012 18:04	1	UXX1603.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 69292 Batch Start Date: 12/18/12 19:25 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 12/19/12 11:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXTCLPACETIC 00005	EXTCLPNAOH 00010	EXZHEFILTERS 00001			
240-18735-C-5	070-0058-0001-ID W	1311, 8260B/DoD	P	1 mL	1 g	1			
240-18735-F-6	070-0059-0001-ID W	1311, 8260B/DoD	P	1 mL	1 g	1			

Batch Notes	
Tumbler Rotations per Minute	F, G = 29rpm

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015B - GRO

Gasoline Range Organics (GC) by Method 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
070SB-0042M-0001-SO	240-18735-1	43
	MB 240-69738/52	89
	LCS 240-69738/53	101
070SB-0042M-0001-SO MS	240-18735-1 MS	63
070SB-0042M-0001-SO MSD	240-18735-1 MSD	64

	QC LIMITS
TFT = Trifluorotoluene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
	MRL 240-69738/51	85
	MRL 240-69738/76	84

	QC LIMITS
TFT = Trifluorotoluene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
070SB-0055-0001-TB	240-18735-2	86
	MB 240-69738/36	76
	LCS 240-69738/37	92

	QC LIMITS
TFT = Trifluorotoluene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
	MRL 240-69738/35	85

	QC LIMITS
TFT = Trifluorotoluene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YF122137.D

Lab ID: LCS 240-69738/37 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
C6-C12	800	830	104	72-140	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122153.D

Lab ID: LCS 240-69738/53 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	800	965	121	60-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YF122135.D

Lab ID: MRL 240-69738/35 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	78.6 J	79	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122151.D

Lab ID: MRL 240-69738/51 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	115	115	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122176.D

Lab ID: MRL 240-69738/76 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	83.6 J	84	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122173.D

Lab ID: 240-18735-1 MS Client ID: 070SB-0042M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
C6-C12	769	49 U	491	64	10-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122174.D

Lab ID: 240-18735-1 MSD Client ID: 070SB-0042M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C6-C12	773	466	60	5	94	10-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: MB 240-69738/52

Matrix: Solid Date Extracted:

Lab File ID:(1) YF122152.D Lab File ID:(2)

Date Analyzed:(1) 12/22/2012 18:53 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-69738/53	12/22/2012 19:32	
070SB-0042M-0001-SO	240-18735-1	12/23/2012 07:33	
070SB-0042M-0001-SO MS	240-18735-1 MS	12/23/2012 08:10	
070SB-0042M-0001-SO MSD	240-18735-1 MSD	12/23/2012 08:49	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: MB 240-69738/36

Matrix: Water Date Extracted: 12/22/2012 08:46

Lab File ID:(1) YF122136.D Lab File ID:(2)

Date Analyzed:(1) 12/22/2012 08:46 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-69738/37	12/22/2012 09:24	
070SB-0055-0001-TB	240-18735-2	12/22/2012 15:41	

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Sample No.: CCV 240-69738/5 Date Analyzed: 12/21/2012 13:05

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF122105.D Heated Purge: (Y/N) N

Calibration ID: 10675

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.76		
UPPER LIMIT				9.86		
LOWER LIMIT				9.66		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69738/5 CCVRT		12/21/2012 13:05	YF122105.D	9.76		
CCV 240-69738/10		12/21/2012 16:14	YF122110.D	9.76		
CCV 240-69738/34		12/22/2012 07:30	YF122134.D	9.76		
MB 240-69738/36		12/22/2012 08:46	YF122136.D	9.76		
LCS 240-69738/37		12/22/2012 09:24	YF122137.D	9.76		
CCV 240-69738/45		12/22/2012 14:25	YF122145.D	9.76		
240-18735-2	070SB-0055-0001-TB	12/22/2012 15:41	YF122147.D	9.75		
CCV 240-69738/50		12/22/2012 17:35	YF122150.D	9.76		
MB 240-69738/52		12/22/2012 18:53	YF122152.D	9.75		
LCS 240-69738/53		12/22/2012 19:32	YF122153.D	9.76		
CCV 240-69738/61		12/23/2012 00:38	YF122161.D	9.76		
CCV 240-69738/71		12/23/2012 06:55	YF122171.D	9.76		
240-18735-1	070SB-0042M-0001-SO	12/23/2012 07:33	YF122172.D	9.75		
240-18735-1 MS	070SB-0042M-0001-SO MS	12/23/2012 08:10	YF122173.D	9.76		
240-18735-1 MSD	070SB-0042M-0001-SO MSD	12/23/2012 08:49	YF122174.D	9.76		
CCV 240-69738/75		12/23/2012 09:27	YF122175.D	9.76		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015B

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070SB-0042M-0001-SO Lab Sample ID: 240-18735-1

Matrix: Solid Lab File ID: YF122172.D

Analysis Method: 8015B Date Collected: 12/12/2012 10:30

Sample wt/vol: 5.999(g) Date Analyzed: 12/23/2012 07:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.1 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	49	U	98	49	45

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	43		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122172.D
Lims ID: 240-18735-B-1-D
Client ID: 070SB-0042M-0001-SO
Inject. Date: 23-Dec-2012 07:33:26
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016087-072
Misc. Info.:
Operator: 1765
Instrument ID: YPID
Purge Vol: 5.000 mL
ALS Bottle#: 1
Lims Batch ID: 69738
Lims Sample ID: 72
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:58
Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.073	5.137	-0.064	116419	0	
12 Methyl tert-butyl ether	2		5.208				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.754	9.759	-0.005	655202	4.26	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	5162891	38.0	
8 Toluene	1		11.964				1
A 1 C6-C12	2		5.001 -	21.920			
A 11 GRO	2	13.655	4.996 -	22.314	9370529	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.918	21.750	0.168	10888	0	
9 Naphthalene	2	22.016	22.060	-0.044	8889	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

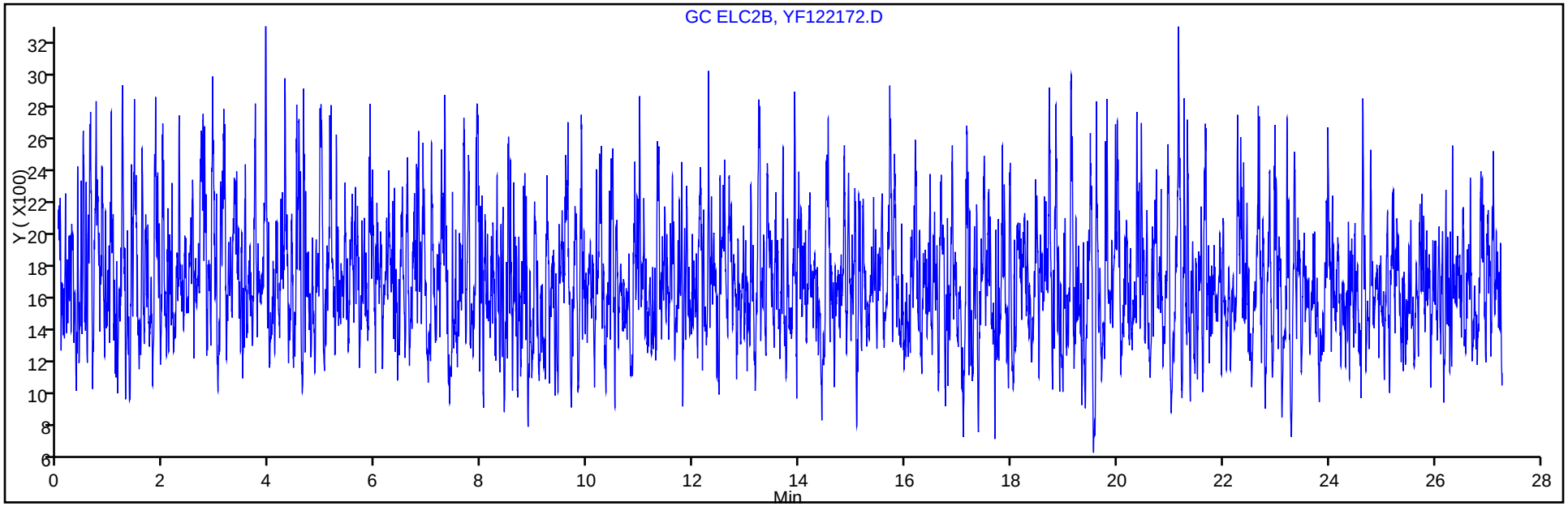
Report Date: 26-Dec-2012 15:24:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

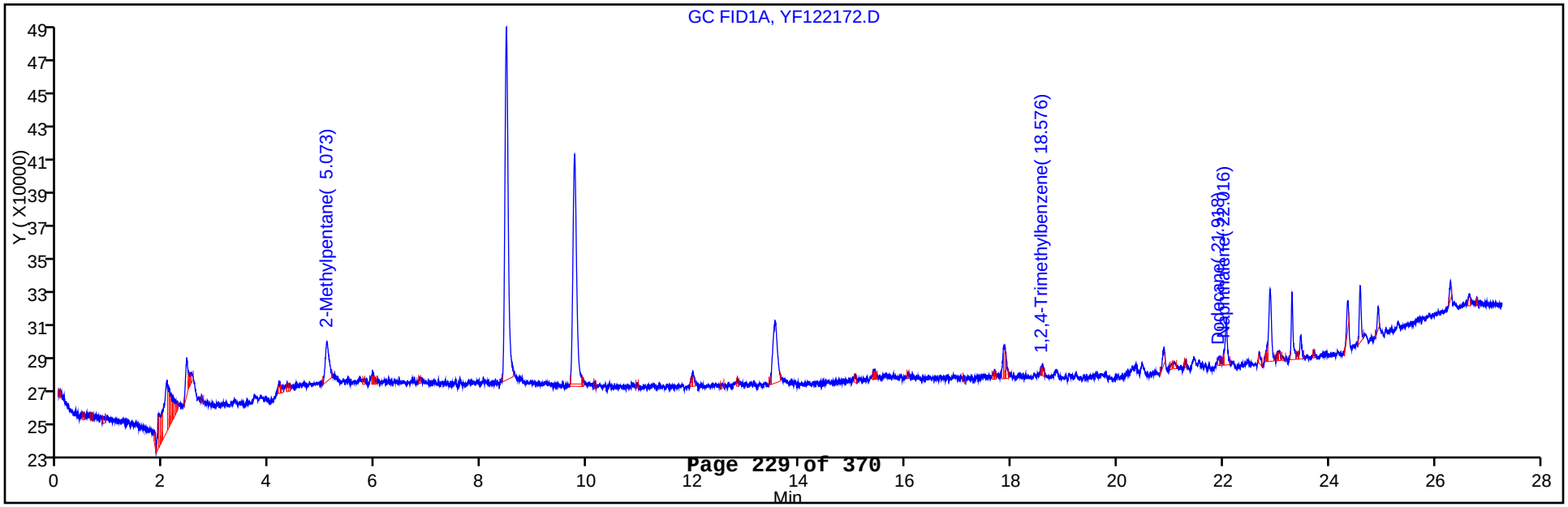
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122172.D

Injection Date:	23-Dec-2012 07:33:26	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SB-0042M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	72
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070SB-0055-0001-TB Lab Sample ID: 240-18735-2

Matrix: Water Lab File ID: YF122147.D

Analysis Method: 8015B Date Collected: 12/12/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 15:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	37	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	86		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122147.D		
Lims ID:	240-18735-B-2	Client ID:	070SB-0055-0001-TB
Inject. Date:	22-Dec-2012 15:41:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-047		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	47
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:28	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.754	9.757	-0.003	1328091	8.64	
A 1 C6-C12	2	13.461	5.001 - 21.920		11712614	36.7	

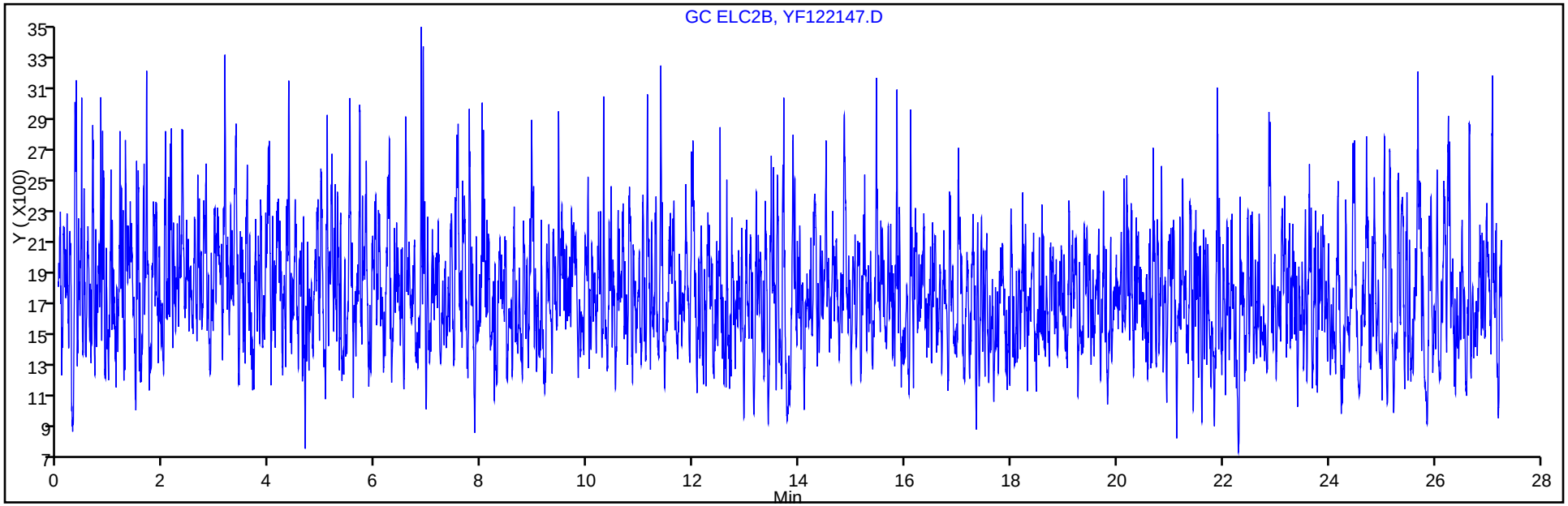
Report Date: 26-Dec-2012 15:23:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

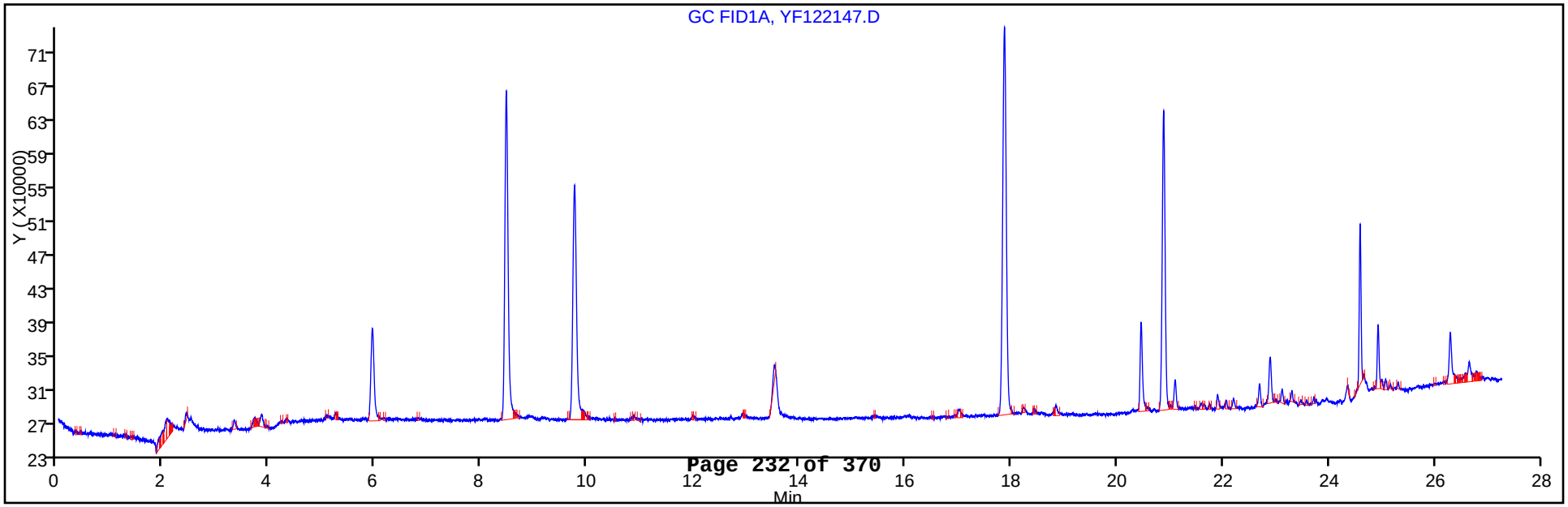
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122147.D

Injection Date:	22-Dec-2012 15:41:18	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SB-0055-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	47
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

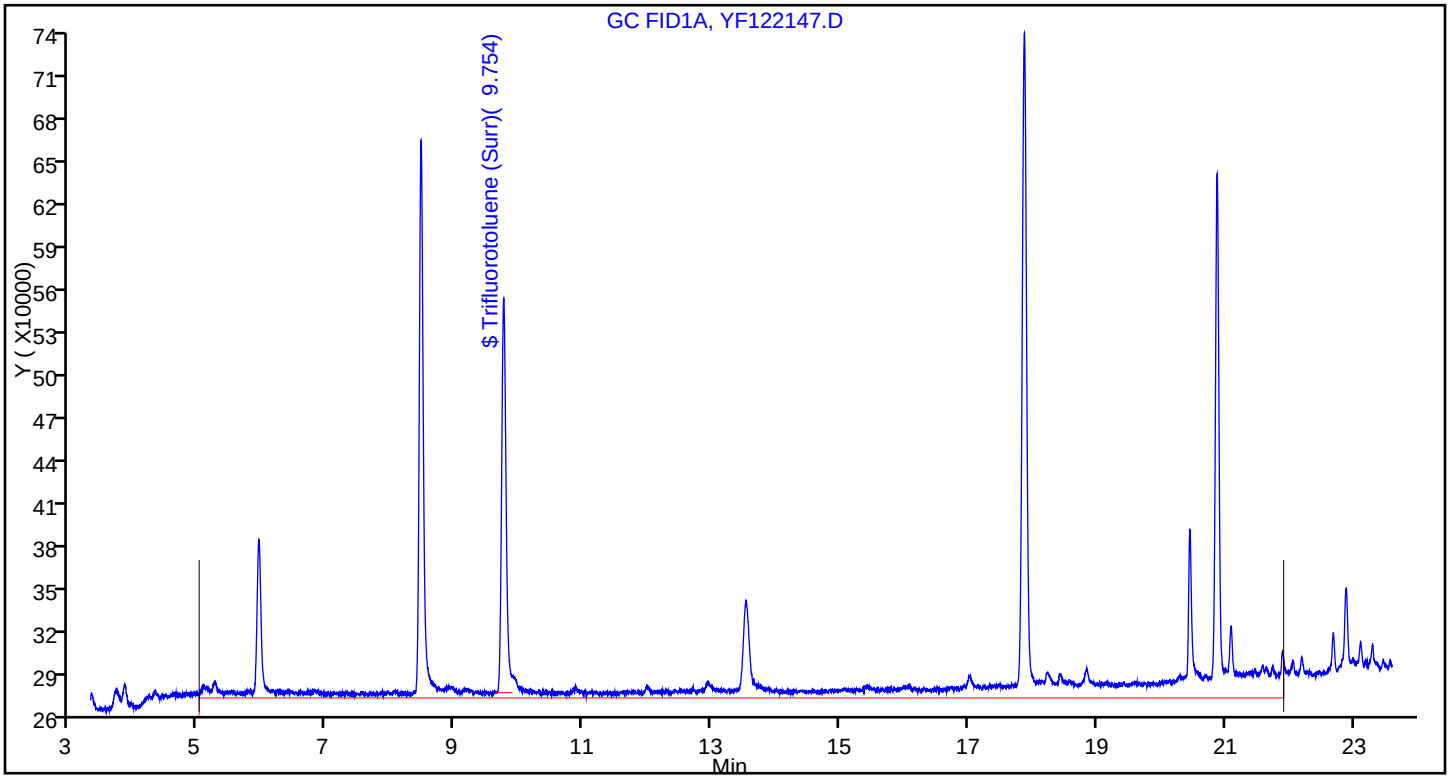


Report Date: 26-Dec-2012 15:23:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122147.D		
Injection Date:	22-Dec-2012 15:41:18	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SB-0055-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	47
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

A 1 C6-C12, Detector: 2, GC FID1A



FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C10	11.760	11.760	11.760	11.760	11.760	11.760					4.755 - 18.765	11.760
C6-C12	13.426	13.426	13.426	13.426	13.426	13.426					4.855 - 21.997	13.426
Trifluorotoluene (Surr)	9.711	9.710	9.713	9.708	9.711	9.712					9.463 - 9.963	9.711

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C10	183542 118119	135498 128955	126511	123496	Ave		136019.970				18.0		20.0			
C6-C12	255673 133903	170408 145976	149081	141314	Lin	6701438.48	136365.157							0.9940		0.9900
Trifluorotoluene (Surr)	136571 165376	137906 183597	145025	153818	Ave		153715.733				12.0		20.0			

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

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	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
C6-C10	Ave	18354154 206328514	27099537	50604228	98796615	141742722	100 1600	200	400	800	1200
C6-C12	Lin	25567346 233562173	34081672	59632568	113051081	160683965	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	1365710 1835973	1379064	1450251	1538182	1653764	10.0 10.0	10.0	10.0	10.0	10.0

Curve Type Legend:

Ave = Average
Lin = Linear

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D		
Lims ID:	STD1 GAS	Client ID:	
Inject. Date:	15-Aug-2012 18:36:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0012413-006		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	6
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:24	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

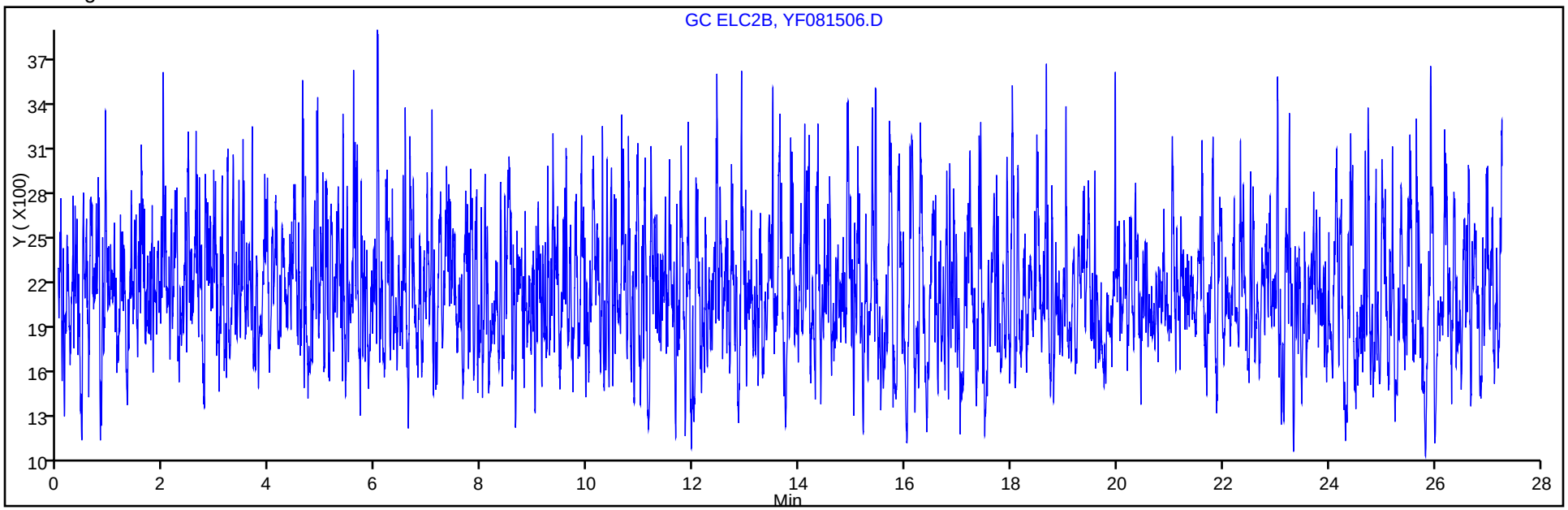
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.713	-0.002	1365710	8.88	
A 5 C6-C10	2	11.760	4.755 -	18.765	18354154	134.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	25567346	138.3	

Report Date: 16-Aug-2012 12:49:25 Chrom Revision: 2.0 17-Jul-2012 17:32:54

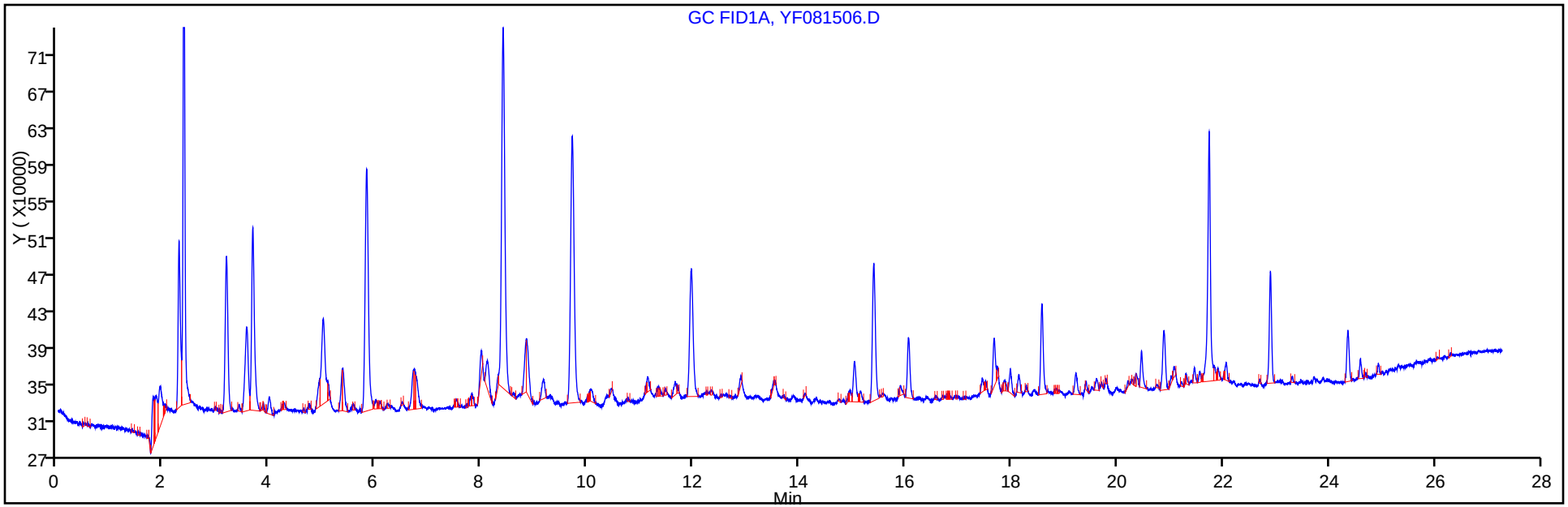
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D

Injection Date:	15-Aug-2012 18:36:54	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	54511	Lims Sample ID:	6
Operator ID:	1765		

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D		
Lims ID:	STD2 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:17:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0012413-007		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	7
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:28	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.710	9.713	-0.003	1379064	8.97	
A 5 C6-C10	2	11.760	4.755 -	18.765	27099537	199.2	
A 1 C6-C12	2	13.426	4.855 -	21.997	34081672	200.8	

Report Date: 16-Aug-2012 12:49:28 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D

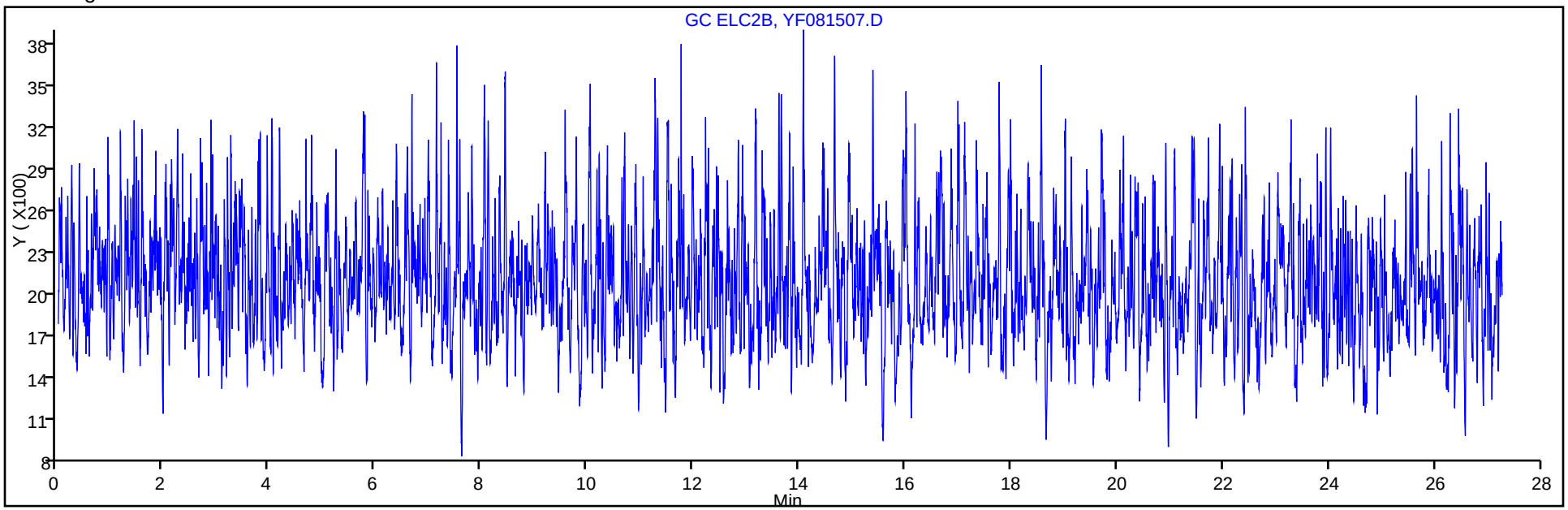
Injection Date: 15-Aug-2012 19:17:42 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

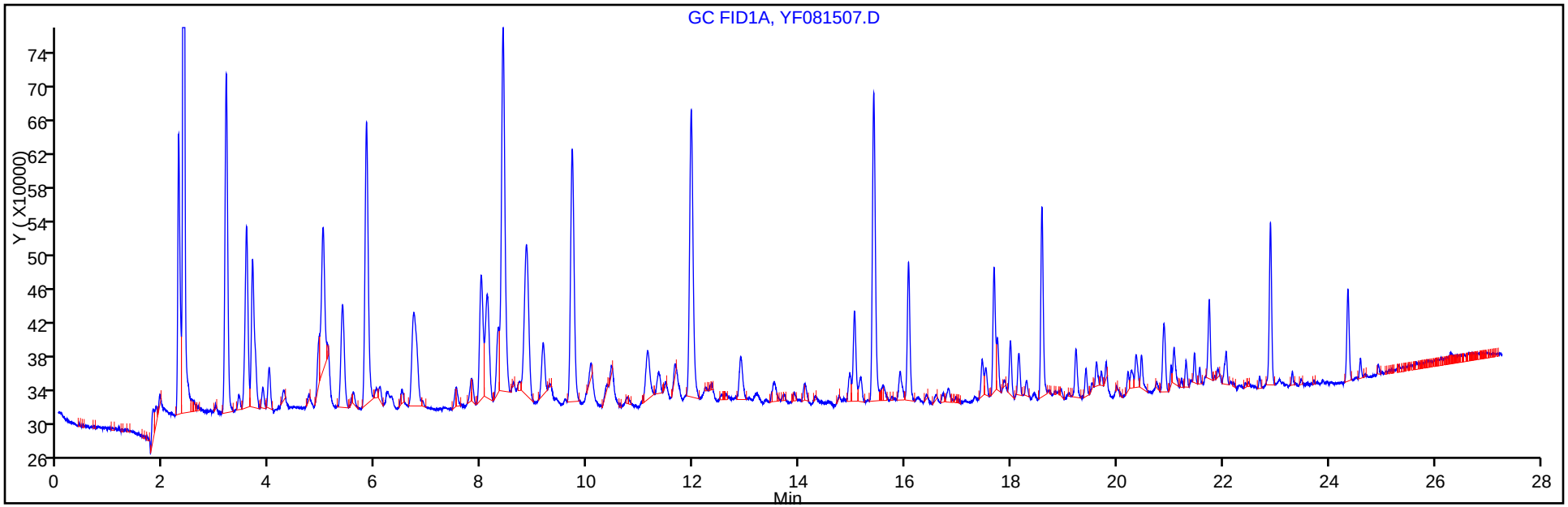
Lims Batch ID: 54511 Lims Sample ID: 7

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D		
Lims ID:	STD3 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:58:01	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0012413-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	8
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:32	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

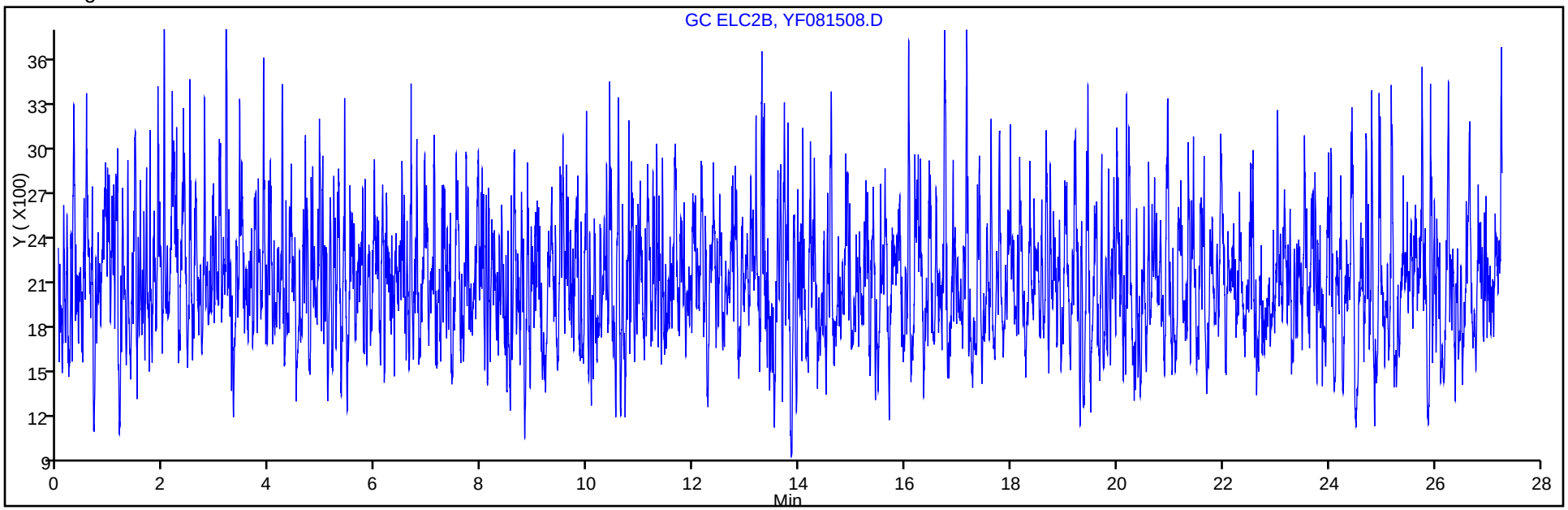
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.713	9.713	0.0	1450251	9.43	
A 5 C6-C10	2	11.760	4.755 -	18.765	50604228	372.0	
A 1 C6-C12	2	13.426	4.855 -	21.997	59632568	388.2	

Report Date: 16-Aug-2012 12:49:32 Chrom Revision: 2.0 17-Jul-2012 17:32:54

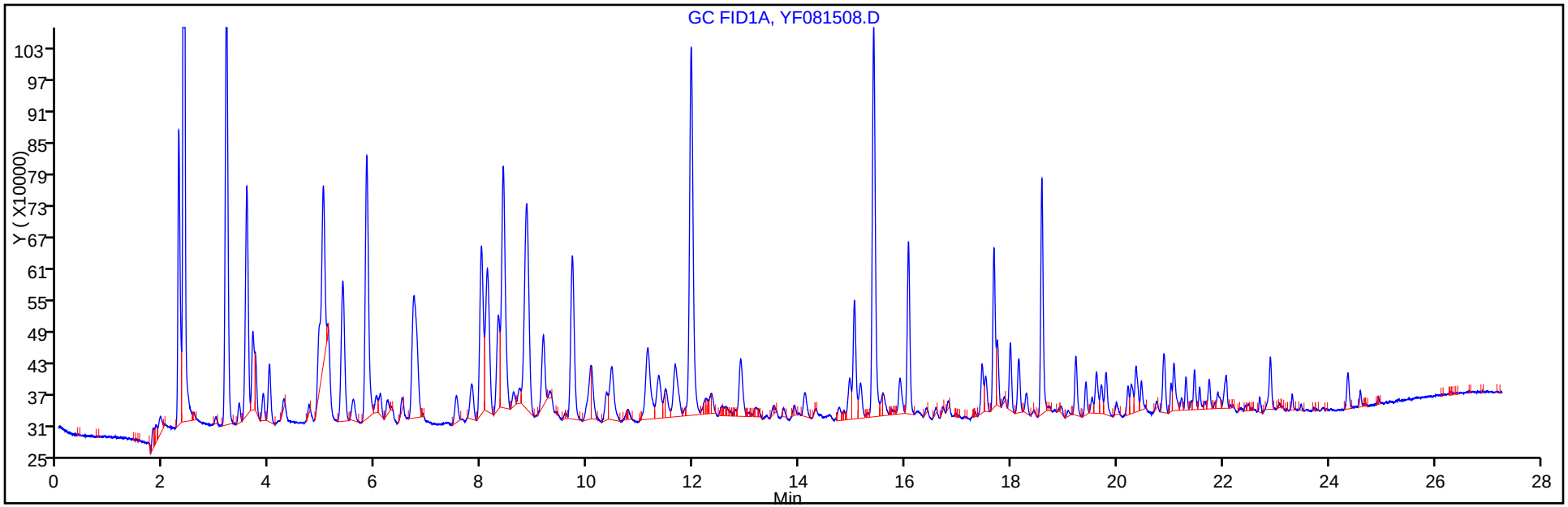
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D

Injection Date:	15-Aug-2012 19:58:01	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	54511	Lims Sample ID:	8
Operator ID:	1765		

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D		
Lims ID:	STD4 GAS	Client ID:	
Inject. Date:	15-Aug-2012 20:39:09	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0012413-009		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	9
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:36	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.708	9.708	0.0	1538182	10.0	
A 5 C6-C10	2	11.760	4.755 -	18.765	98796615	726.3	
A 1 C6-C12	2	13.426	4.855 -	21.997	113051081	779.9	

Report Date: 16-Aug-2012 12:49:36 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D

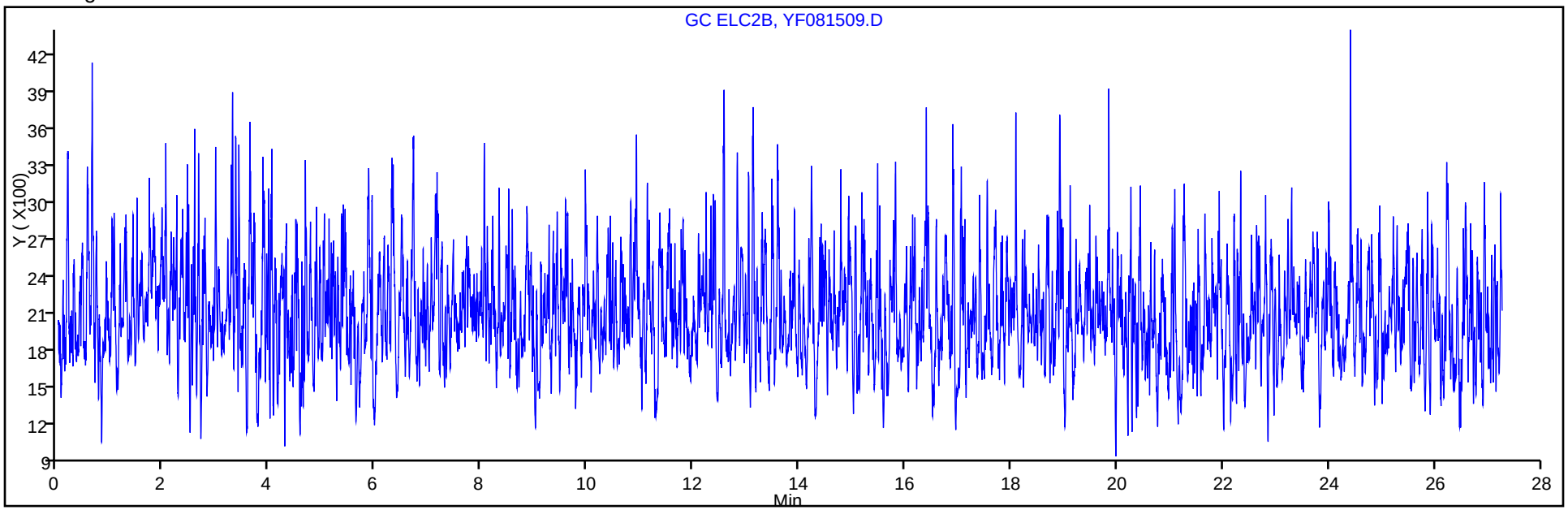
Injection Date: 15-Aug-2012 20:39:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

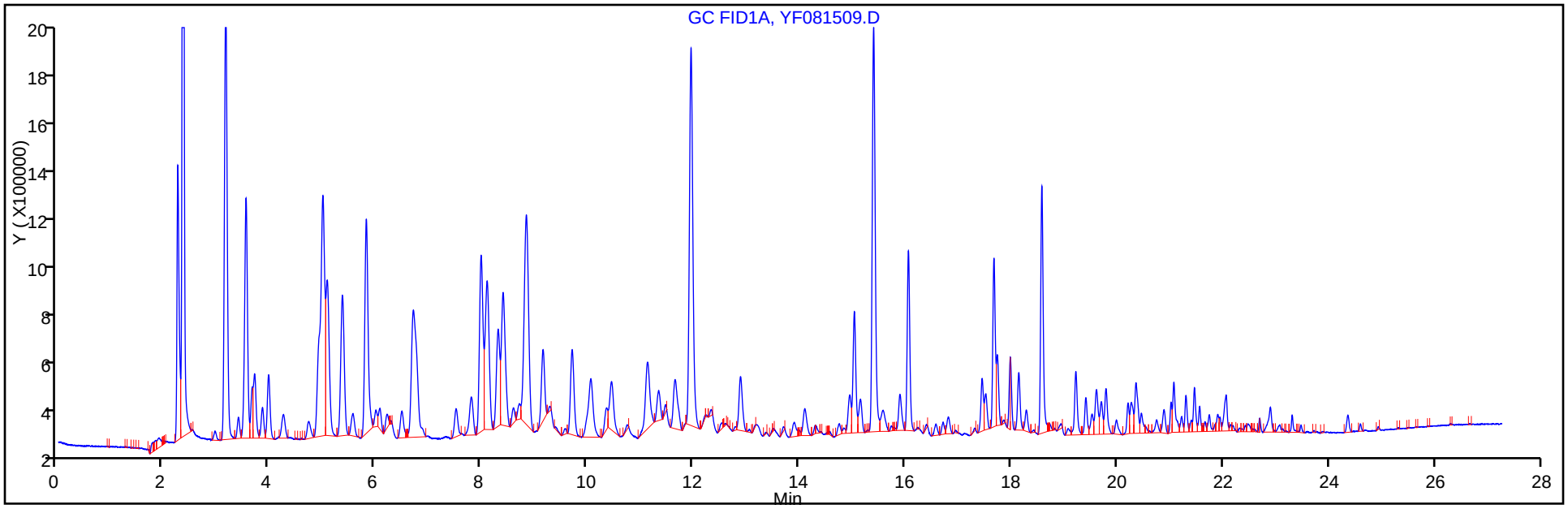
Lims Batch ID: 54511 Lims Sample ID: 9

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D		
Lims ID:	STD5 GAS	Client ID:	
Inject. Date:	15-Aug-2012 21:19:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0012413-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	10
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:40	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.708	0.003	1653764	10.8	
A 5 C6-C10	2	11.760	4.755 -	18.765	141742722	1042.1	
A 1 C6-C12	2	13.426	4.855 -	21.997	160683965	1129.2	

Report Date: 16-Aug-2012 12:49:40 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D

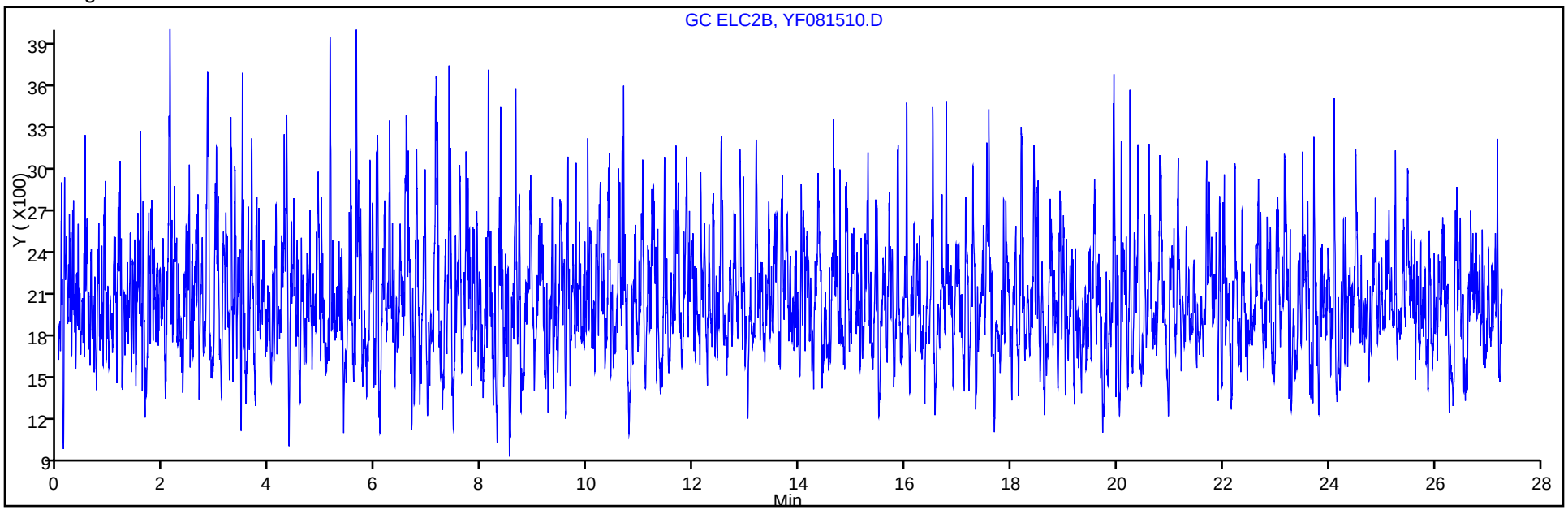
Injection Date: 15-Aug-2012 21:19:54 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

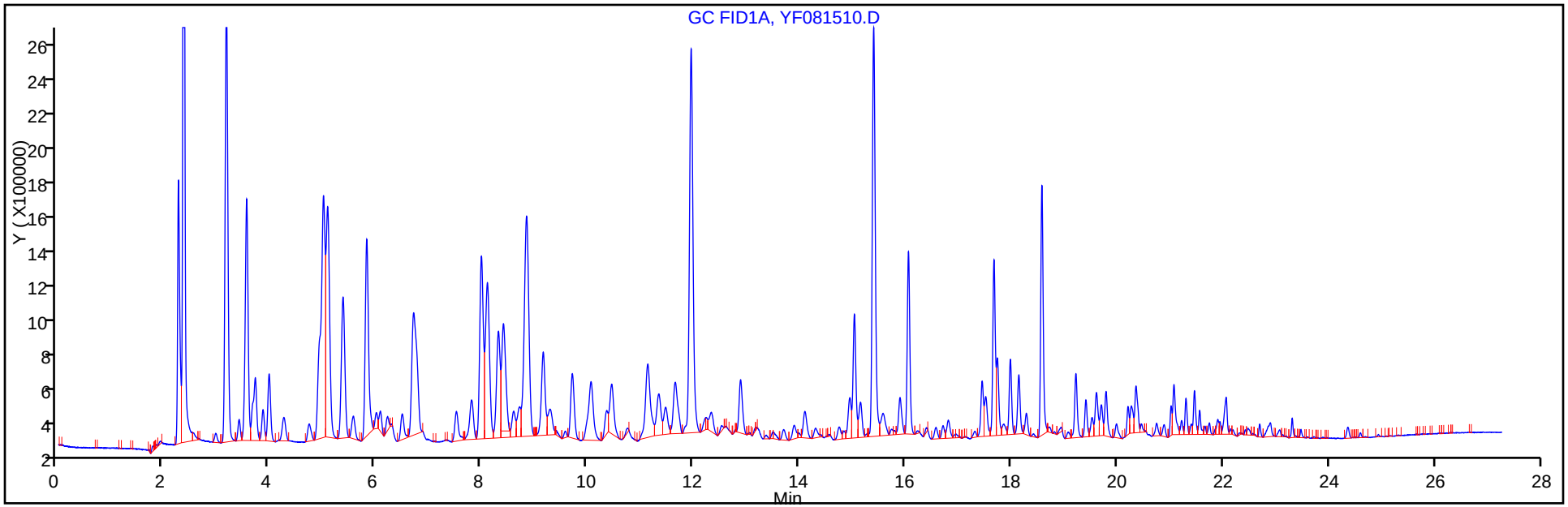
Lims Batch ID: 54511 Lims Sample ID: 10

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Lims ID:	STD6 GAS	Client ID:	
Inject. Date:	15-Aug-2012 22:00:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0012413-011		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	11
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:43	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.712	9.708	0.004	1835973	11.9	
A 5 C6-C10	2	11.760	4.755 -	18.765	206328514	1516.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	233562173	1663.6	

Report Date: 16-Aug-2012 12:49:44 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D

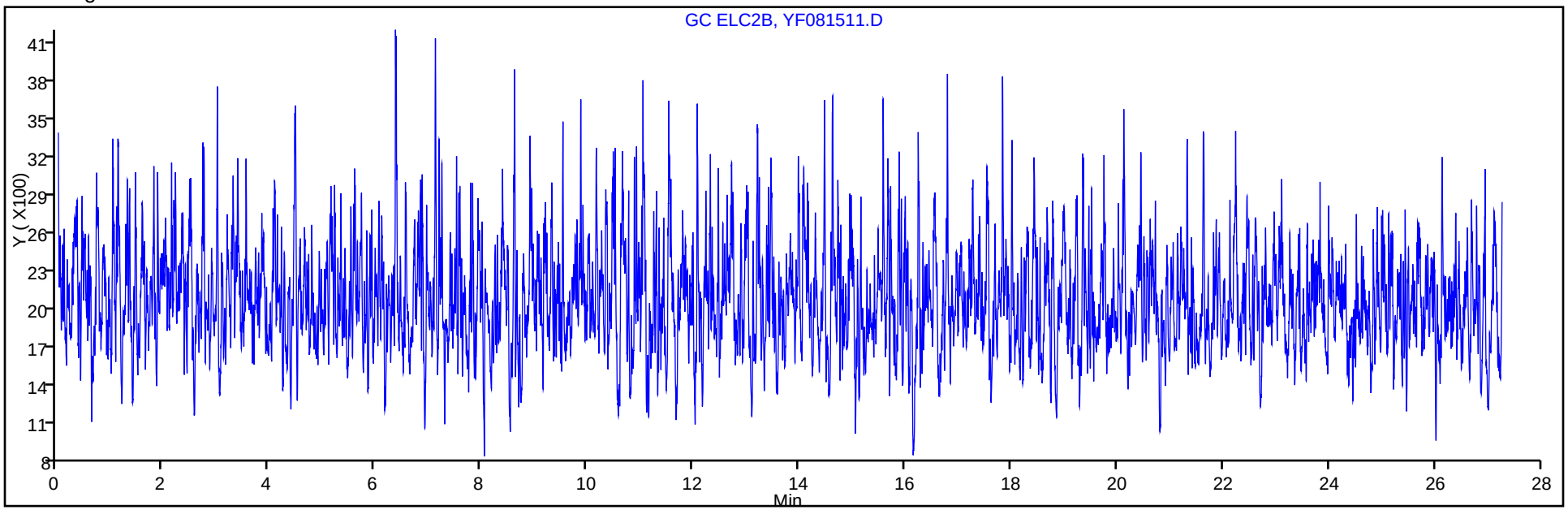
Injection Date: 15-Aug-2012 22:00:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

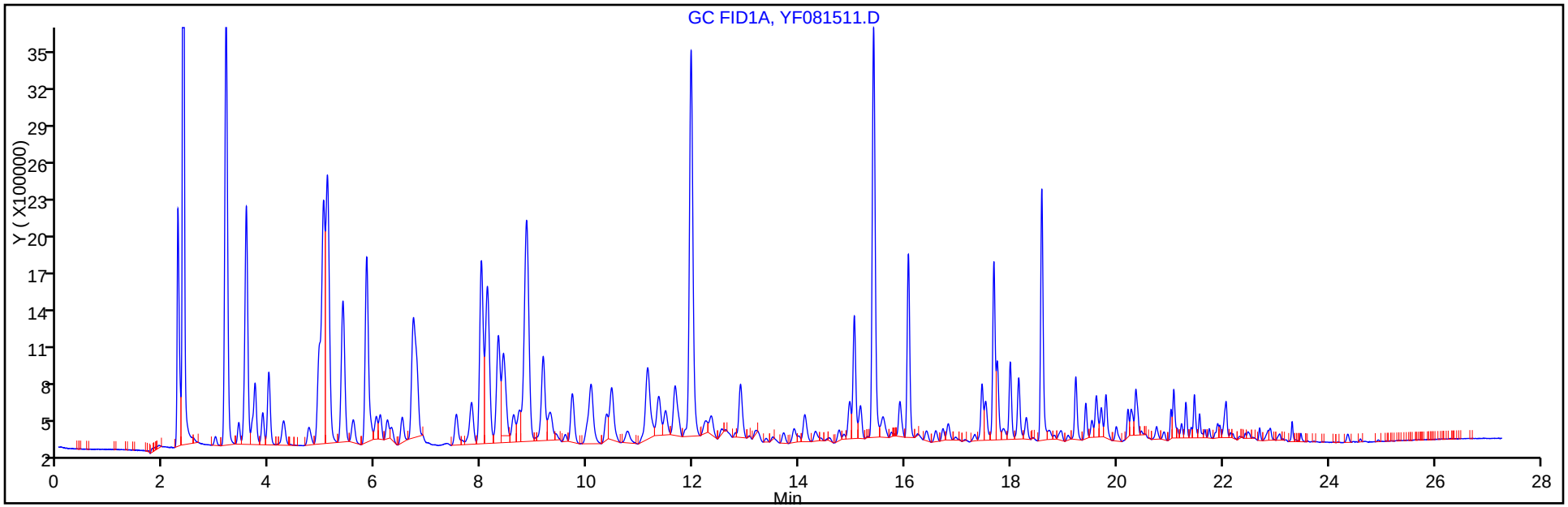
Lims Batch ID: 54511 Lims Sample ID: 11

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: ICV 240-54511/12 Calibration Date: 08/15/2012 22:40

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF081512.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	146461		861	800	7.7	20.0
C6-C12	Lin		171870		959	800	19.9	20.0
Trifluorotoluene (Surr)	Ave	153716	157910		10.3	10.0	2.7	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: ICV 240-54511/12 Calibration Date: 08/15/2012 22:40

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF081512.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.76	4.76	18.77
C6-C12	13.43	4.86	22.00
Trifluorotoluene (Surr)	9.72	9.46	9.96

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081512.D		
Lims ID:	ICV GAS	Client ID:	
Inject. Date:	15-Aug-2012 22:40:41	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0012413-012		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	12
Sublist:			
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:43	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

First Level Reviewer: bolgrind Date: 16-Aug-2012 08:25:42

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.715	9.708	0.007	1579095	10.3	
A 5 C6-C10	2	11.760	4.755 -	18.765	117168930	861.4	
A 1 C6-C12	2	13.426	4.855 -	21.997	137496376	959.2	

Report Date: 16-Aug-2012 12:49:48 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081512.D

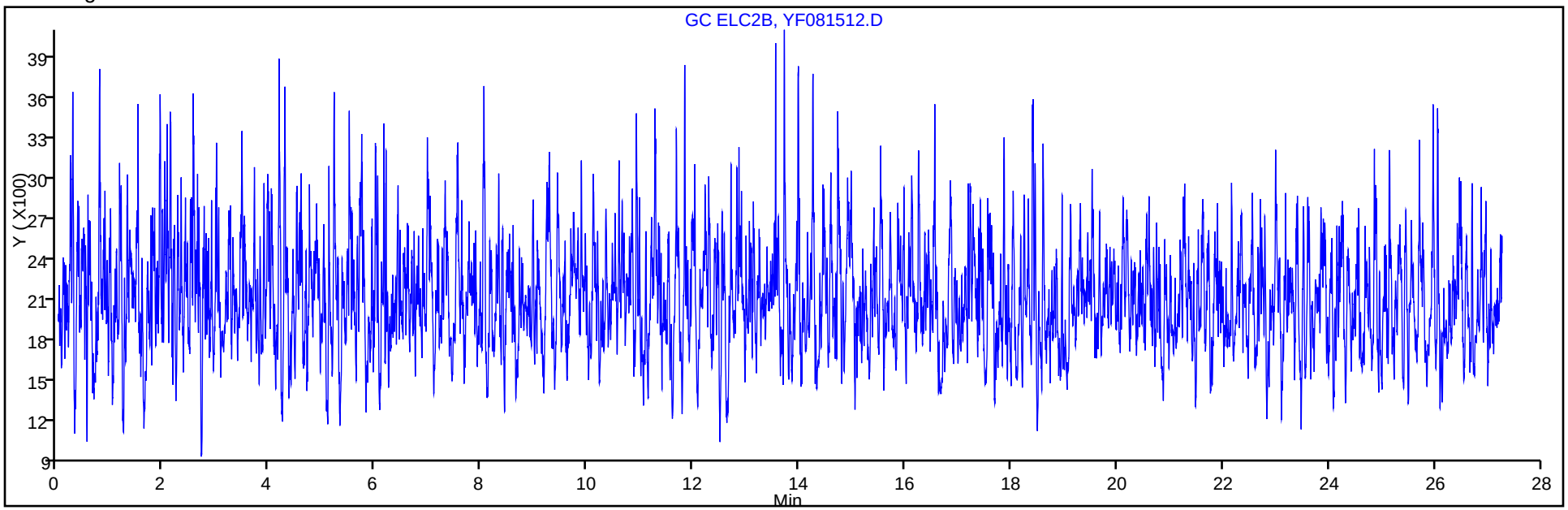
Injection Date: 15-Aug-2012 22:40:41 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

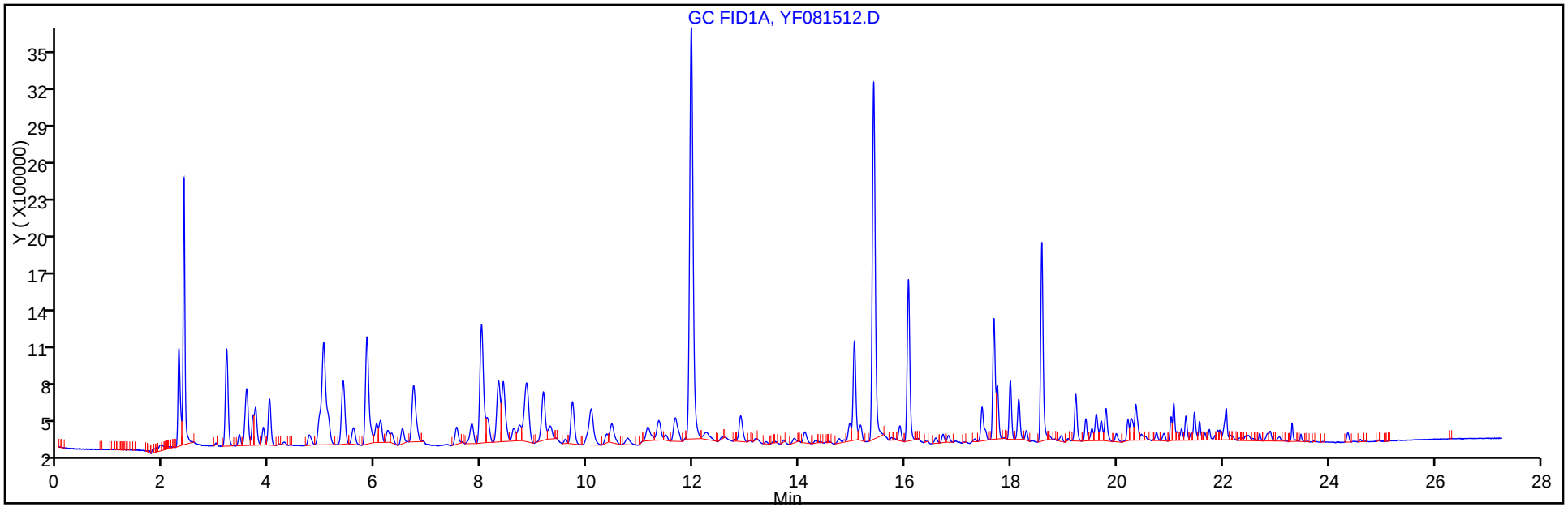
Lims Batch ID: 54511 Lims Sample ID: 12

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/5 Calibration Date: 12/21/2012 13:05

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122105.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	129576		762	800	-4.7	15.0
C6-C12	Lin		146585		811	800	1.4	15.0
Trifluorotoluene (Surr)	Ave	153716	149144		9.70	10.0	-3.0	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/5 Calibration Date: 12/21/2012 13:05

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122105.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122105.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	21-Dec-2012 13:05:41	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0016087-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	5
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:17:27	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.757	0.0	1491435	9.70	
A 5 C6-C10	2	11.831	4.901 -	18.760	103660780	762.1	
A 1 C6-C12	2	13.461	5.001 -	21.920	117268370	810.8	

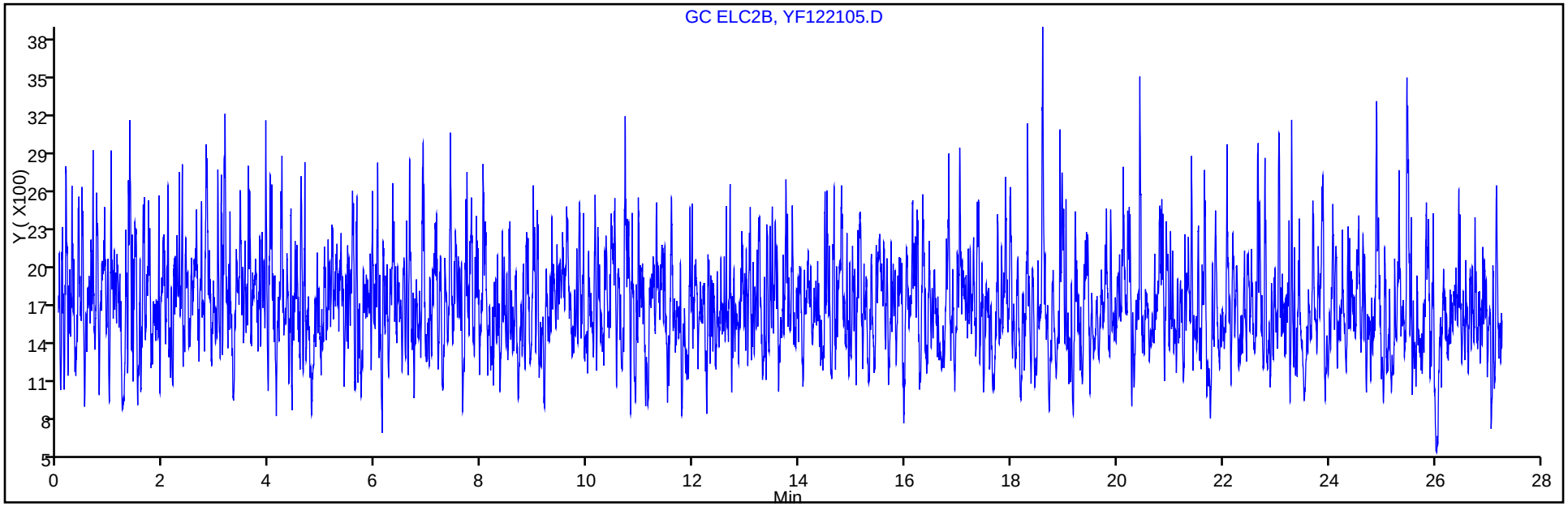
Report Date: 26-Dec-2012 15:17:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

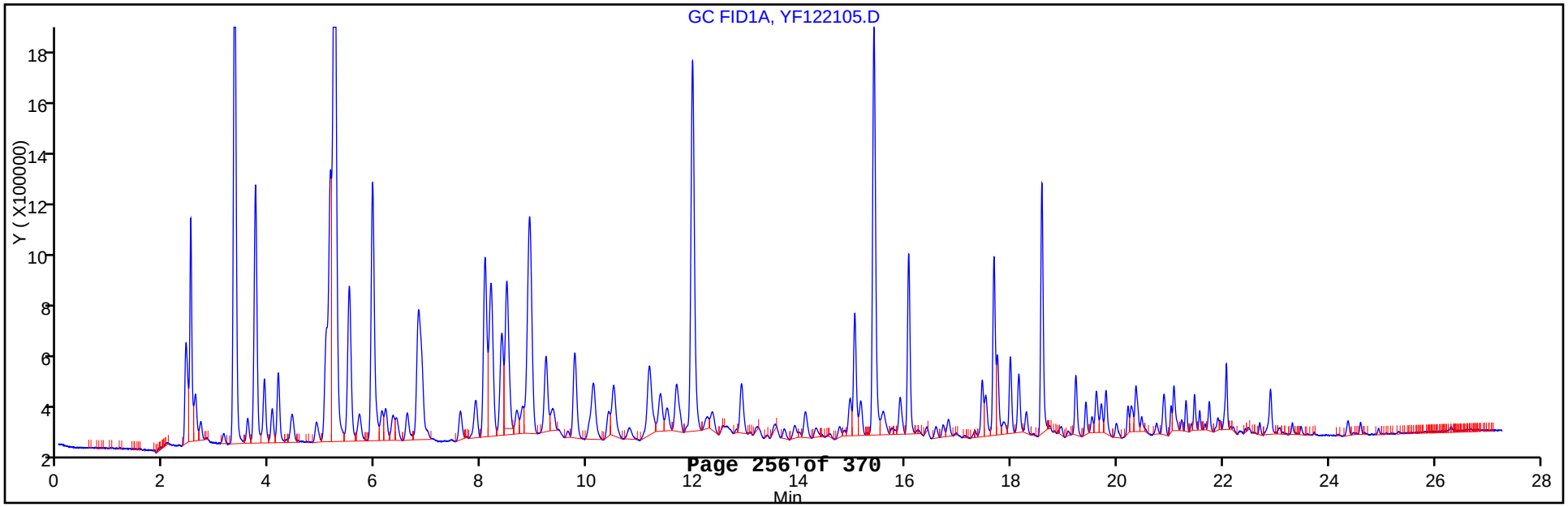
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122105.D

Injection Date:	21-Dec-2012 13:05:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	5
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/10 Calibration Date: 12/21/2012 16:14

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122110.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	123929		729	800	-8.9	15.0
C6-C12	Lin		143680		794	800	-0.8	15.0
Trifluorotoluene (Surr)	Ave	153716	150916		9.82	10.0	-1.8	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/10 Calibration Date: 12/21/2012 16:14

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122110.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122110.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	21-Dec-2012 16:14:02	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	10
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:17:34	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		
First Level Reviewer: bosworthh		Date:	22-Dec-2012 08:33:51

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.760	9.760	0.0	1509159	9.82	
A 5 C6-C10	2	11.831	4.901 -	18.760	99143059	728.9	
A 1 C6-C12	2	13.461	5.001 -	21.920	114944011	793.8	

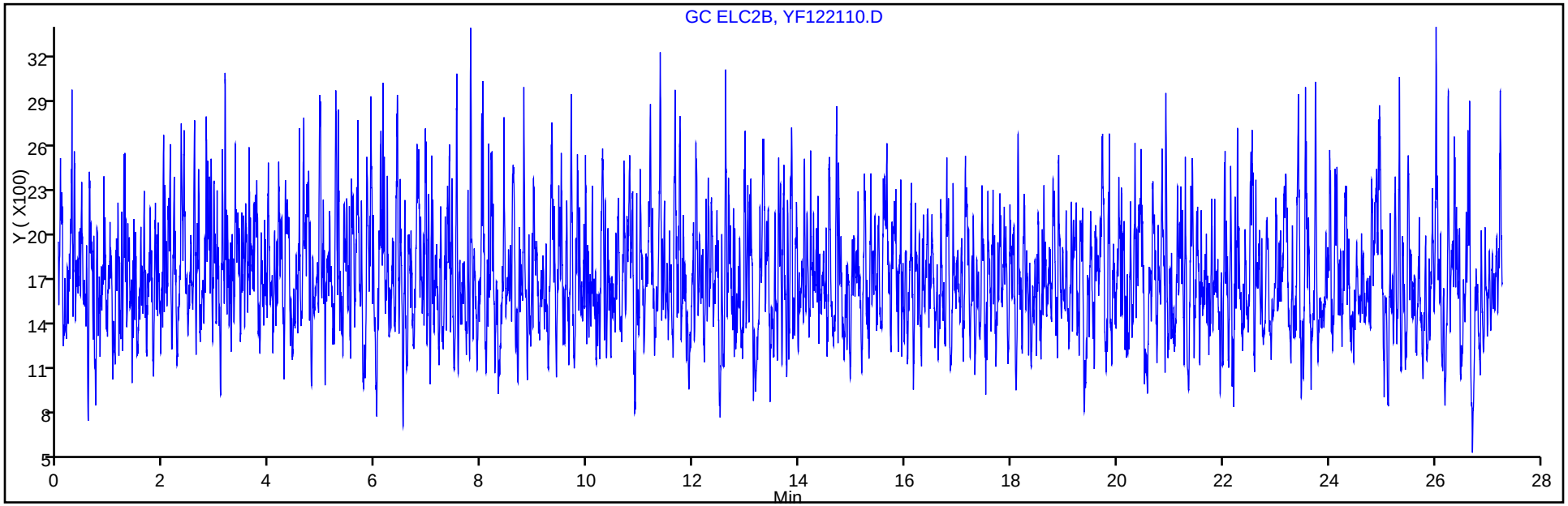
Report Date: 26-Dec-2012 15:17:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

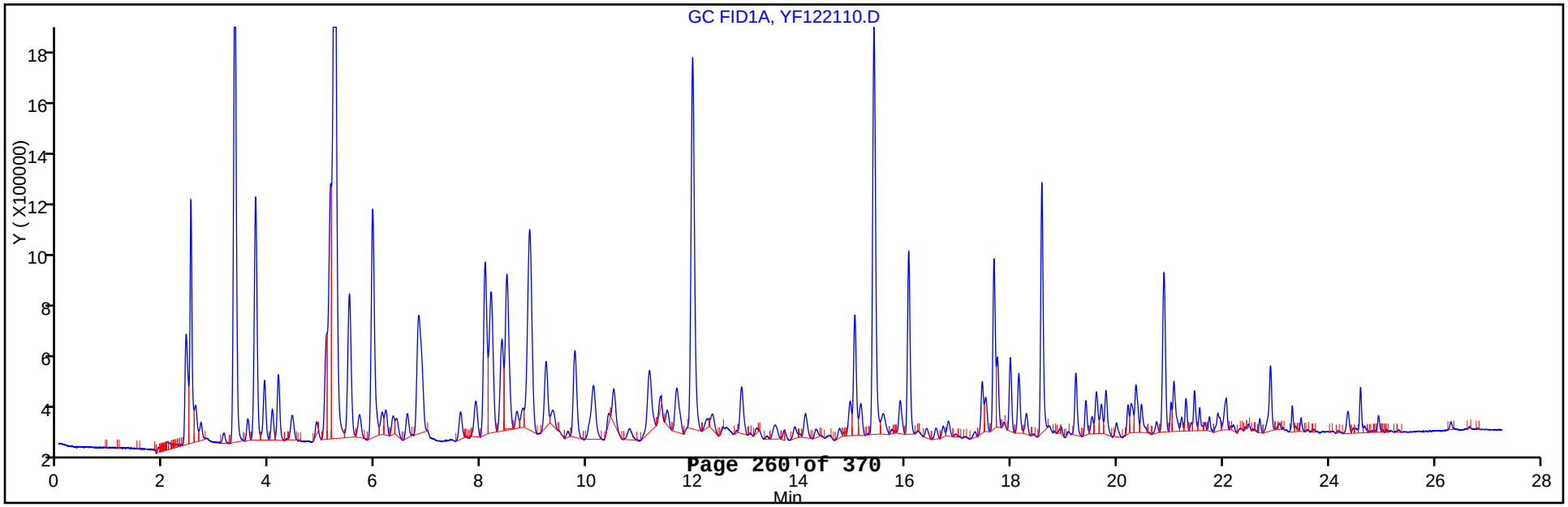
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122110.D

Injection Date:	21-Dec-2012 16:14:02	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/34 Calibration Date: 12/22/2012 07:30

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122134.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	122012		718	800	-10.3	15.0
C6-C12	Lin		139088		767	800	-4.1	15.0
Trifluorotoluene (Surr)	Ave	153716	139932		9.10	10.0	-9.0	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/34 Calibration Date: 12/22/2012 07:30

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122134.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122134.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	22-Dec-2012 07:30:57	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-034		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	34
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:18:08	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.759	9.759	0.0	1399315	9.10	
A 5 C6-C10	2	11.831	4.901 -	18.760	97609915	717.6	
A 1 C6-C12	2	13.461	5.001 -	21.920	111270285	766.8	

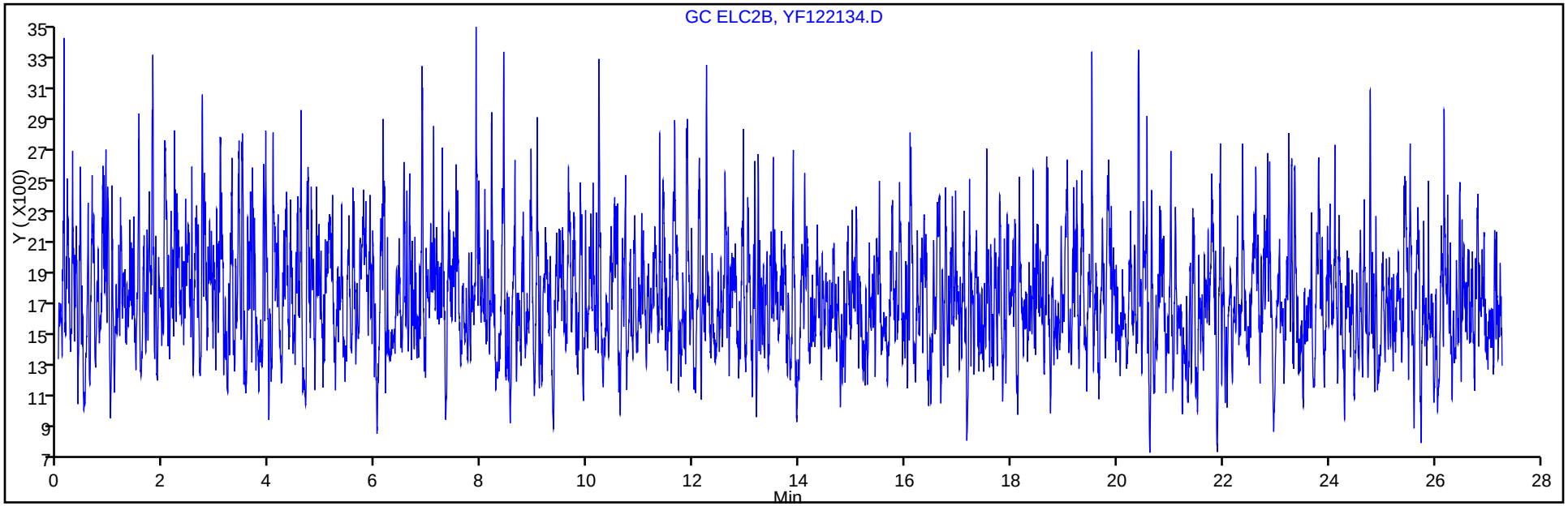
Report Date: 26-Dec-2012 15:18:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

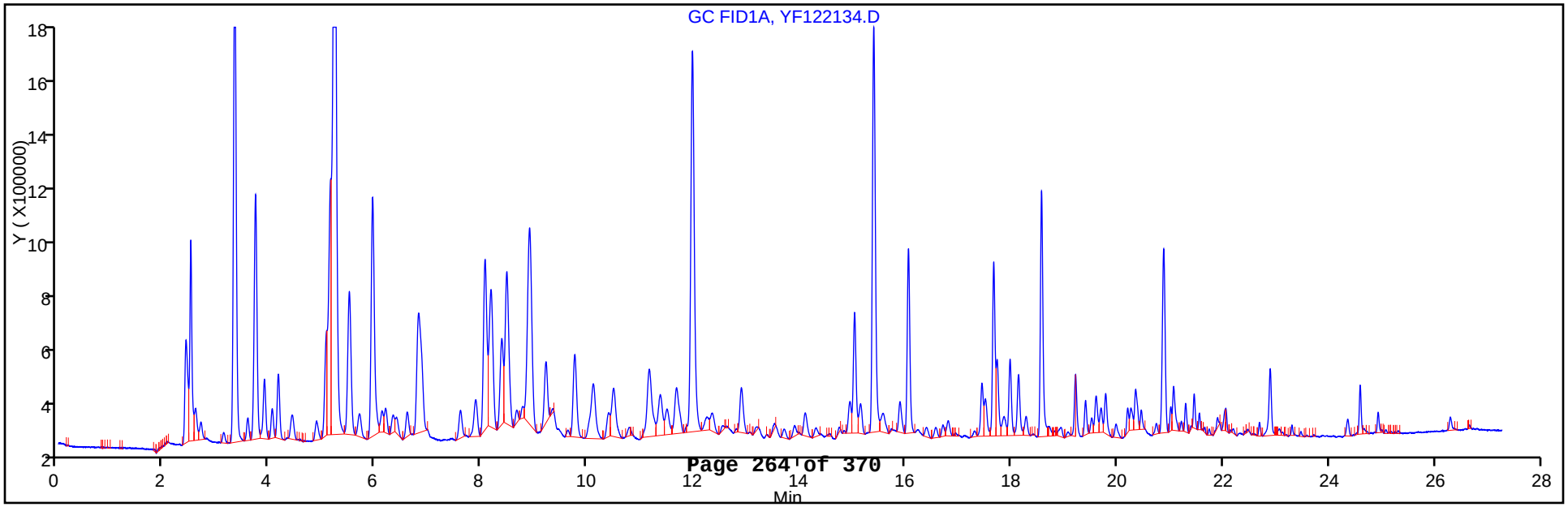
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122134.D

Injection Date:	22-Dec-2012 07:30:57	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	34
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/45 Calibration Date: 12/22/2012 14:25

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122145.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	120381		708	800	-11.5	15.0
C6-C12	Lin		135638		747	800	-6.7	15.0
Trifluorotoluene (Surr)	Ave	153716	149182		9.71	10.0	-2.9	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/45 Calibration Date: 12/22/2012 14:25

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122145.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122145.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	22-Dec-2012 14:25:29	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-045		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	45
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:28	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.757	0.0	1491818	9.71	
A 5 C6-C10	2	11.831	4.901 -	18.760	96304427	708.0	
A 1 C6-C12	2	13.461	5.001 -	21.920	108510319	746.6	

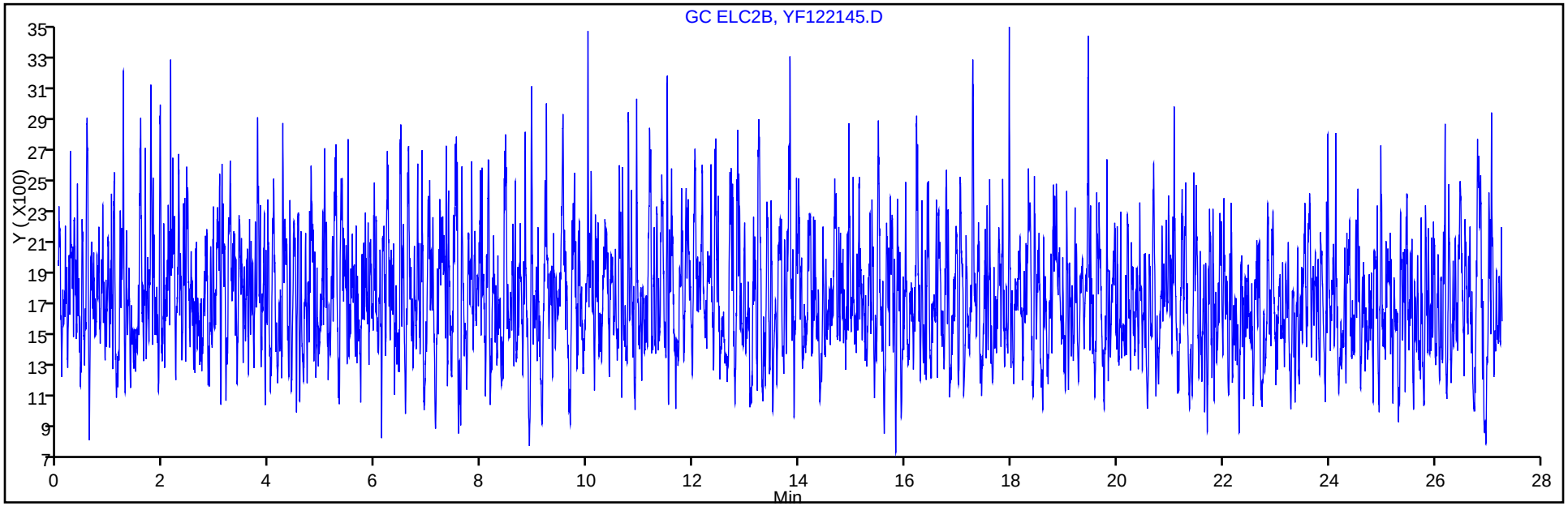
Report Date: 26-Dec-2012 15:23:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

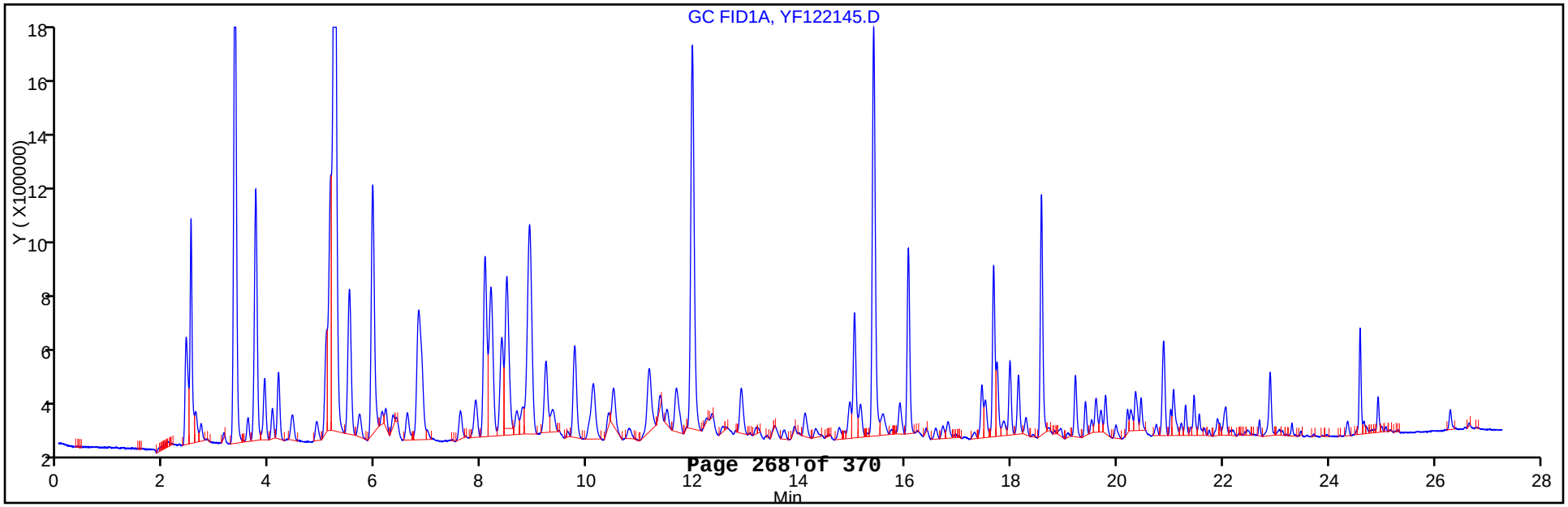
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122145.D

Injection Date:	22-Dec-2012 14:25:29	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	45
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/50 Calibration Date: 12/22/2012 17:35

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122150.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	119977		706	800	-11.8	15.0
C6-C12	Lin		134136		738	800	-7.8	15.0
Trifluorotoluene (Surr)	Ave	153716	144969		9.43	10.0	-5.7	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/50 Calibration Date: 12/22/2012 17:35

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122150.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122150.D
Lims ID: CCV GAS Client ID:
Inject. Date: 22-Dec-2012 17:35:13 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016087-050
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 50
Sublist: chrom-Y80158021*sub7
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:34 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: bosworthh Date: 24-Dec-2012 06:47:10

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.756	9.756	0.0	1449688	9.43	M
A 5 C6-C10	2	11.831	4.901 -	18.760	95981288	705.6	
A 1 C6-C12	2	13.461	5.001 -	21.920	107309195	737.8	

QC Flag Legend

Review Flags
M - Manually Integrated

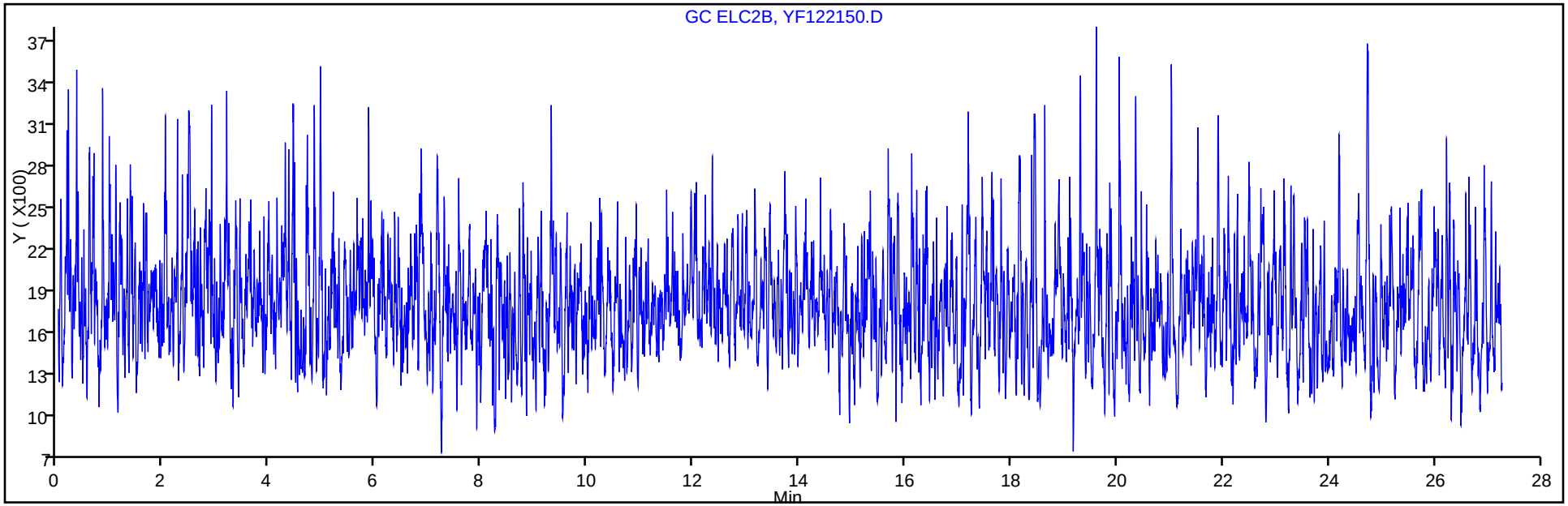
Report Date: 26-Dec-2012 15:23:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

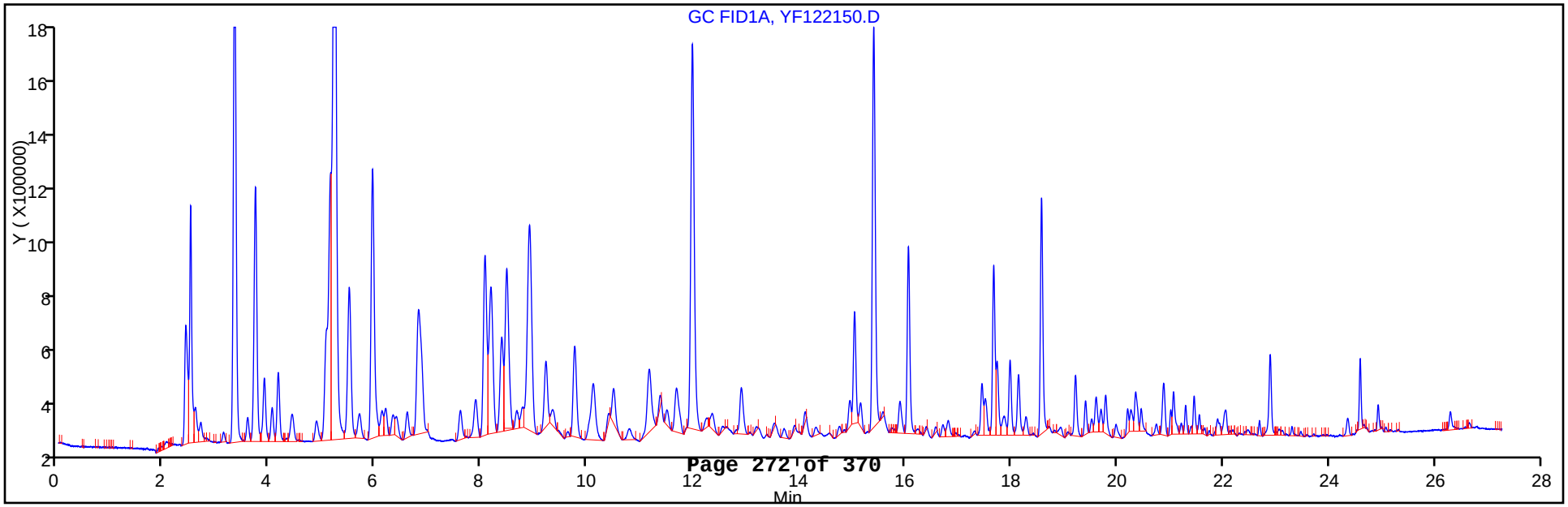
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122150.D

Injection Date:	22-Dec-2012 17:35:13	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	50
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

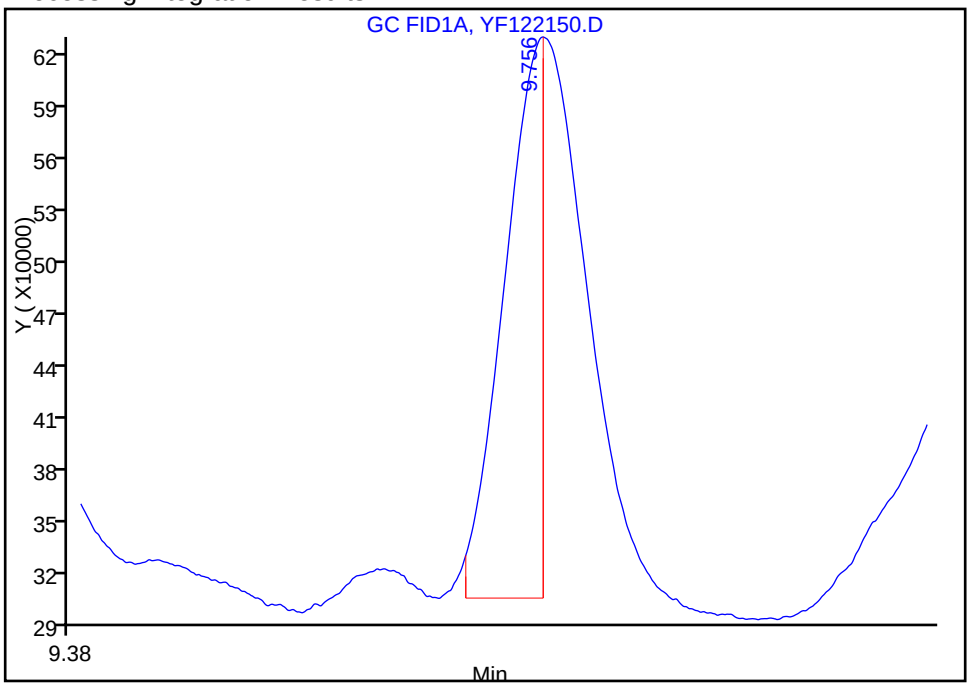
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122150.D		
Injection Date:	22-Dec-2012 17:35:13	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	50
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.76, Det: GC FID1A

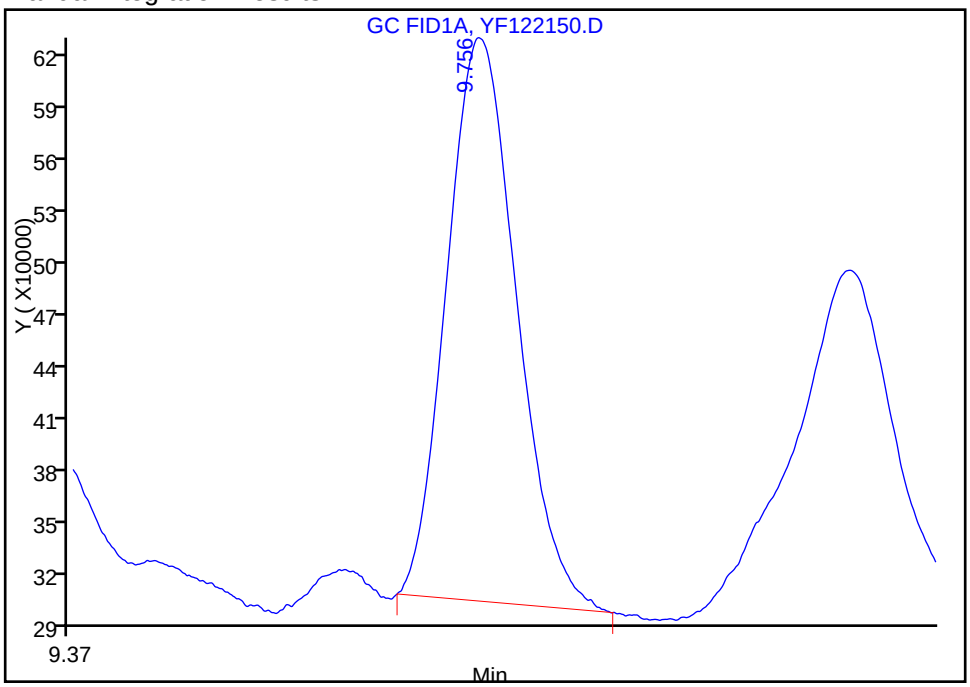
Processing Integration Results

RT: 9.76
Response: 649352
Amount: 4.224369



Manual Integration Results

RT: 9.76
Response: 1449688
Amount: 9.430967



Reviewer: bosworthh, 24-Dec-2012 06:47:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/61 Calibration Date: 12/23/2012 00:38

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122161.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	118261		696	800	-13.1	15.0
C6-C12	Lin		132246		727	800	-9.2	15.0
Trifluorotoluene (Surr)	Ave	153716	139439		9.07	10.0	-9.3	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/61 Calibration Date: 12/23/2012 00:38

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122161.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122161.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	23-Dec-2012 00:38:20	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-061		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	61
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		
First Level Reviewer: bosworthh		Date:	24-Dec-2012 06:48:33

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.757	0.0	1394394	9.07	
A 5 C6-C10	2	11.831	4.901 -	18.760	94608599	695.5	
A 1 C6-C12	2	13.461	5.001 -	21.920	105797102	726.7	

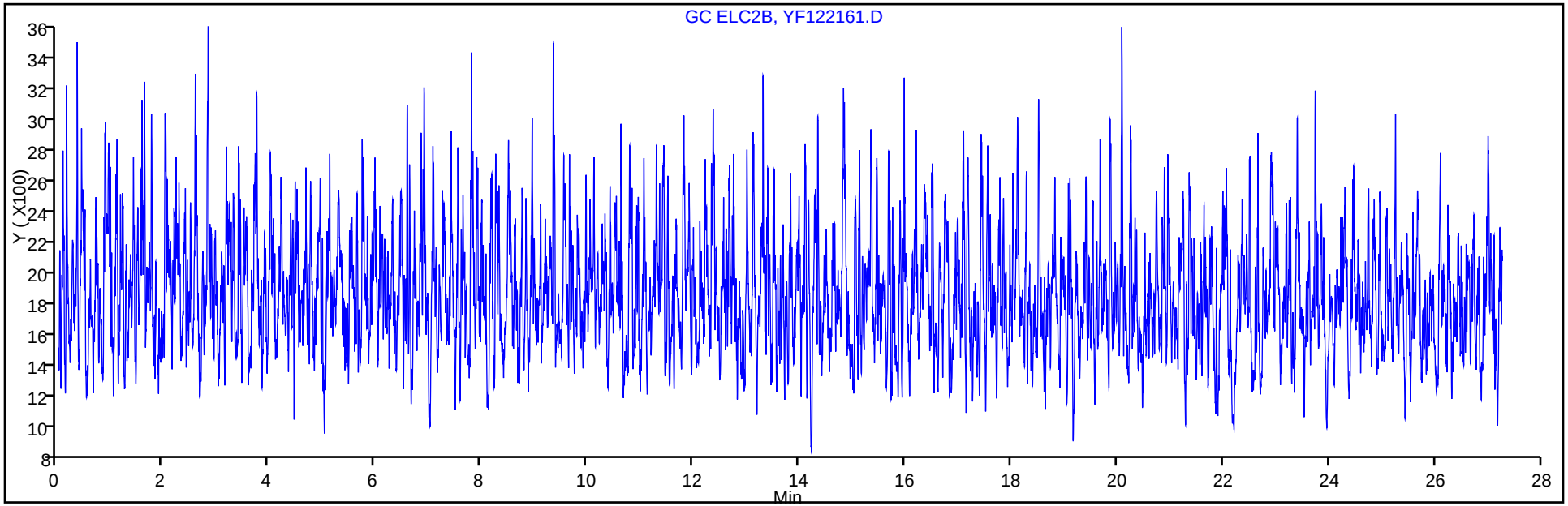
Report Date: 26-Dec-2012 15:23:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

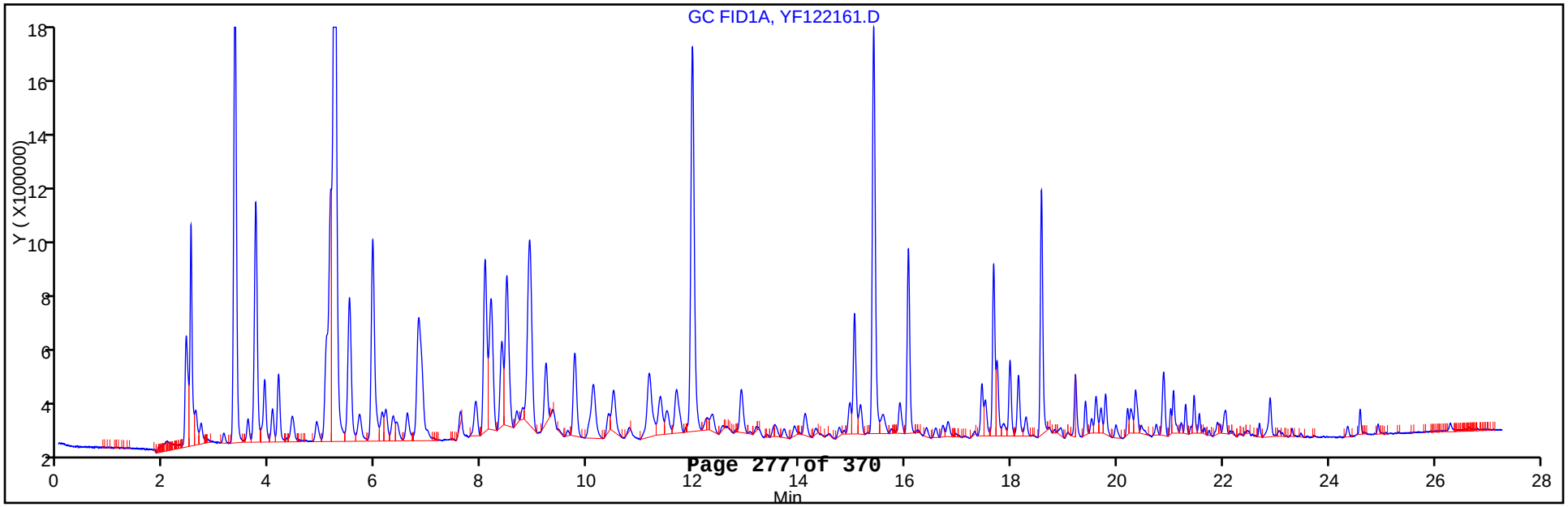
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122161.D

Injection Date:	23-Dec-2012 00:38:20	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	61
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/71 Calibration Date: 12/23/2012 06:55

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122171.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	121596		715	800	-10.6	15.0
C6-C12	Lin		135835		748	800	-6.5	15.0
Trifluorotoluene (Surr)	Ave	153716	139982		9.11	10.0	-8.9	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/71 Calibration Date: 12/23/2012 06:55

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122171.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122171.D
Lims ID: CCV GAS Client ID:
Inject. Date: 23-Dec-2012 06:55:16 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016087-071
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 71
Sublist: chrom-Y80158021*sub7
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:58 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: bosworthh Date: 24-Dec-2012 06:51:52

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.759	9.759	0.0	1399820	9.11	M
A 5 C6-C10	2	11.831	4.901 -	18.760	97276662	715.2	
A 1 C6-C12	2	13.461	5.001 -	21.920	108667881	747.7	

QC Flag Legend

Review Flags
M - Manually Integrated

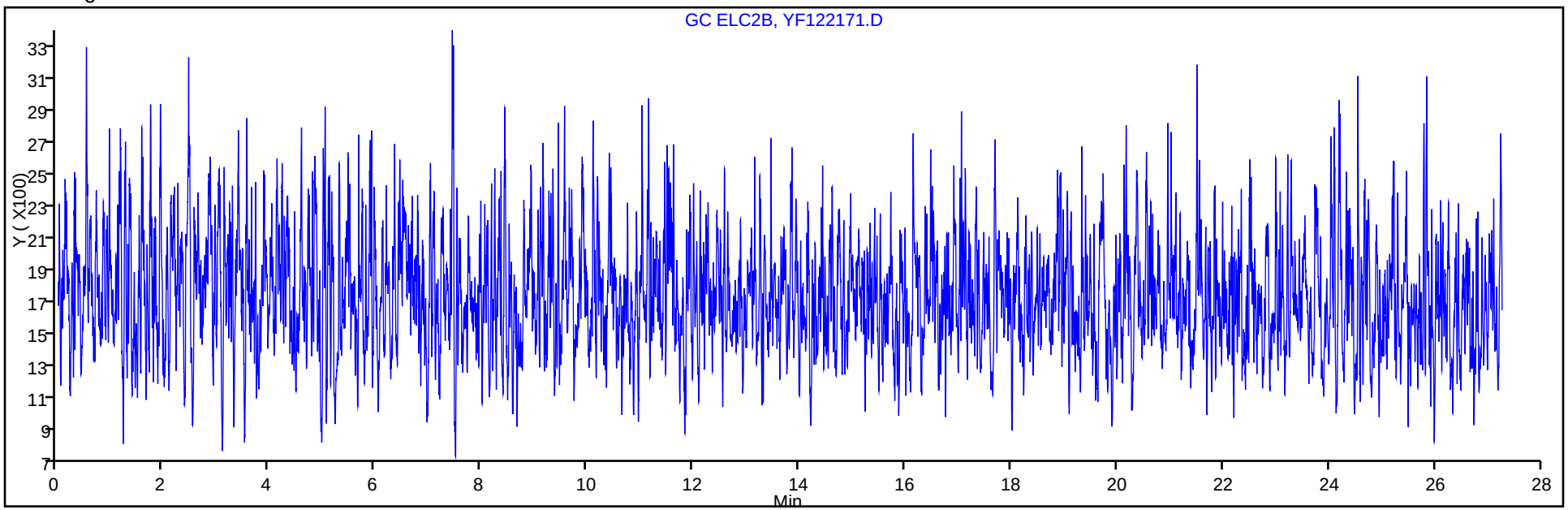
Report Date: 26-Dec-2012 15:23:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

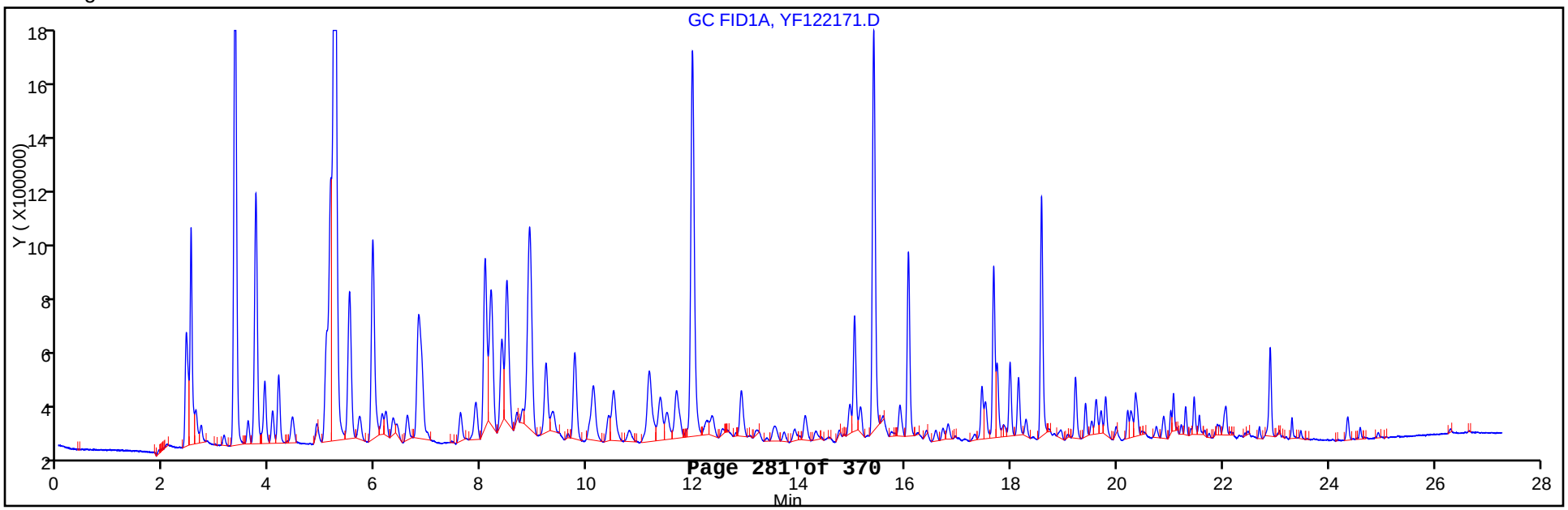
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122171.D

Injection Date:	23-Dec-2012 06:55:16	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	71
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

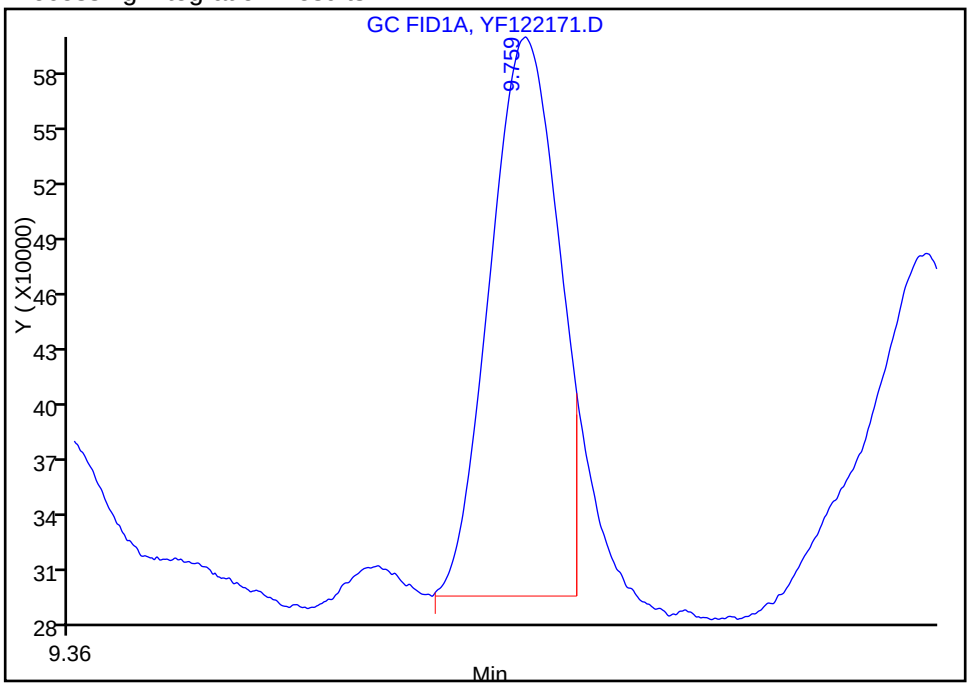
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122171.D		
Injection Date:	23-Dec-2012 06:55:16	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	71
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.76, Det: GC FID1A

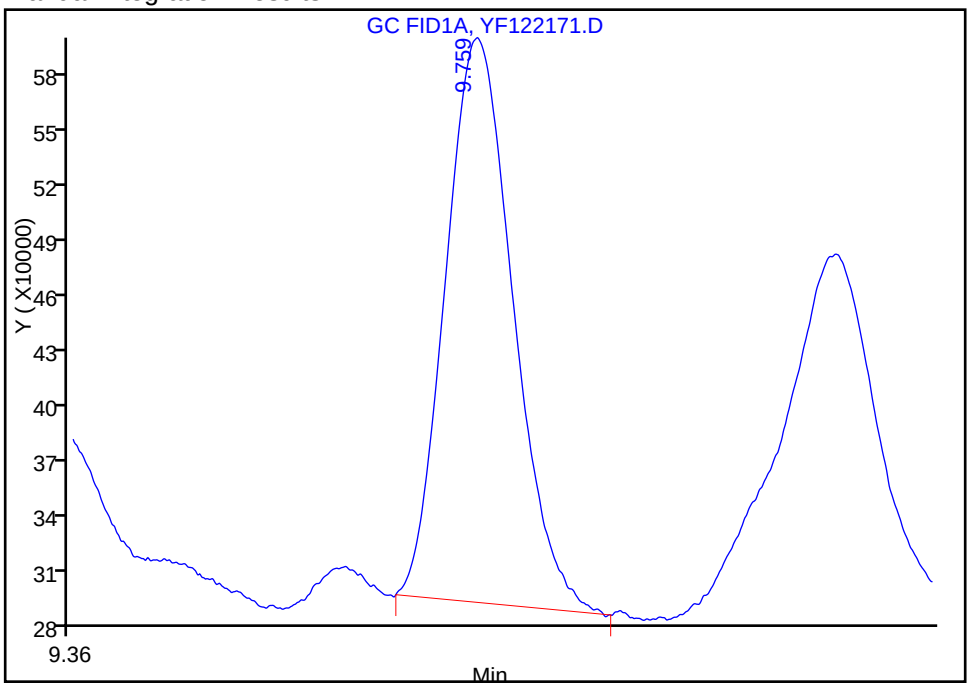
Processing Integration Results

RT: 9.76
Response: 1239838
Amount: 8.065785



Manual Integration Results

RT: 9.76
Response: 1399820
Amount: 9.106550



Reviewer: bosworthh, 24-Dec-2012 06:51:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/75 Calibration Date: 12/23/2012 09:27

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122175.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	122627		721	800	-9.8	15.0
C6-C12	Lin		138230		762	800	-4.8	15.0
Trifluorotoluene (Surr)	Ave	153716	147689		9.61	10.0	-3.9	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Lab Sample ID: CCV 240-69738/75 Calibration Date: 12/23/2012 09:27

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122175.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122175.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	23-Dec-2012 09:27:02	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-075		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	75
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:24:04	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.757	0.0	1476887	9.61	
A 5 C6-C10	2	11.831	4.901 -	18.760	98101349	721.2	
A 1 C6-C12	2	13.461	5.001 -	21.920	110583737	761.8	

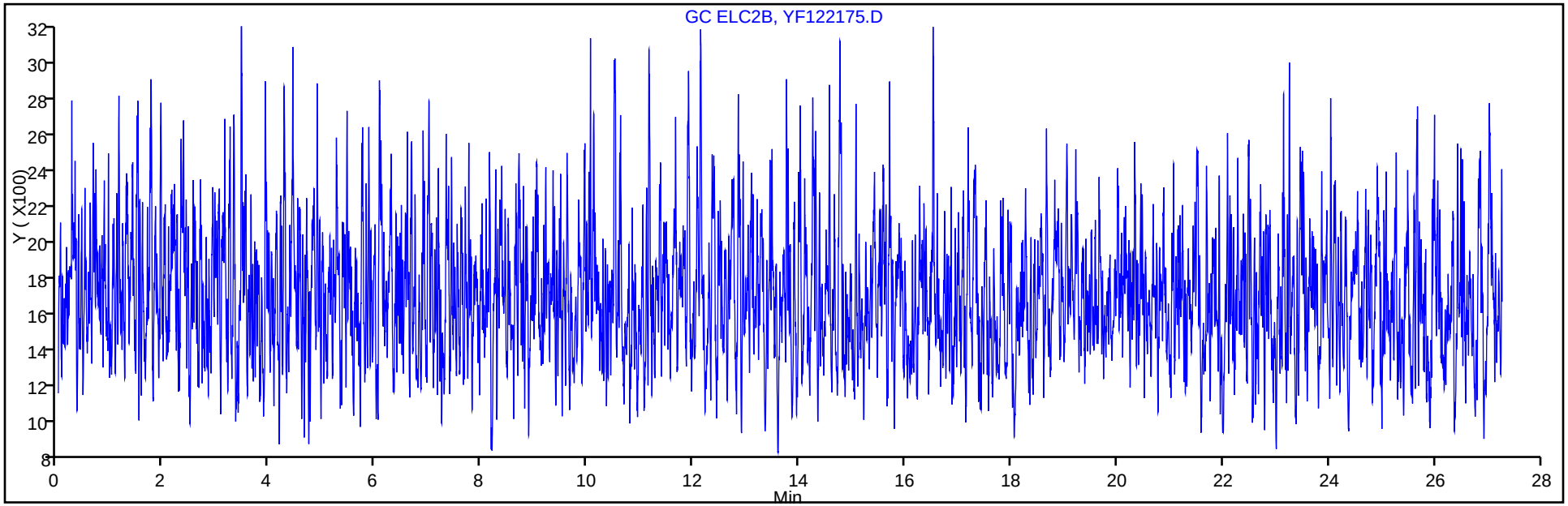
Report Date: 26-Dec-2012 15:24:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

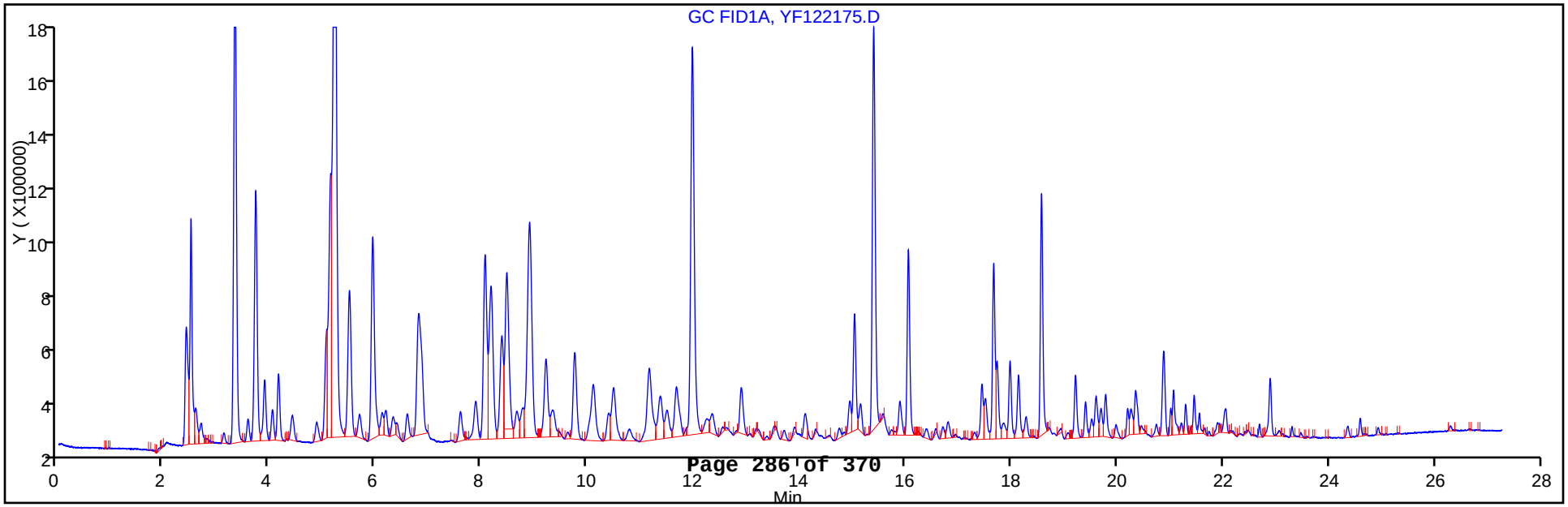
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122175.D

Injection Date:	23-Dec-2012 09:27:02	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	75
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69738/36

Matrix: Water Lab File ID: YF122136.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 08:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122136.D
Lims ID: MB Client ID:
Inject. Date: 22-Dec-2012 08:46:08 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016087-036
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 36
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:15 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.143	5.137	0.006	6239	0	
12 Methyl tert-butyl ether	2		5.208				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.759	-0.002	1167529	7.60	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	4684221	34.4	
8 Toluene	1		11.964				1
A 1 C6-C12	2		5.001 -	21.920			
A 11 GRO	2	13.655	4.996 -	22.314	10997348	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1		18.579				1
14 Dodecane	2	21.908	21.750	0.158	18018	0	
9 Naphthalene	2	22.063	22.060	0.003	9697	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

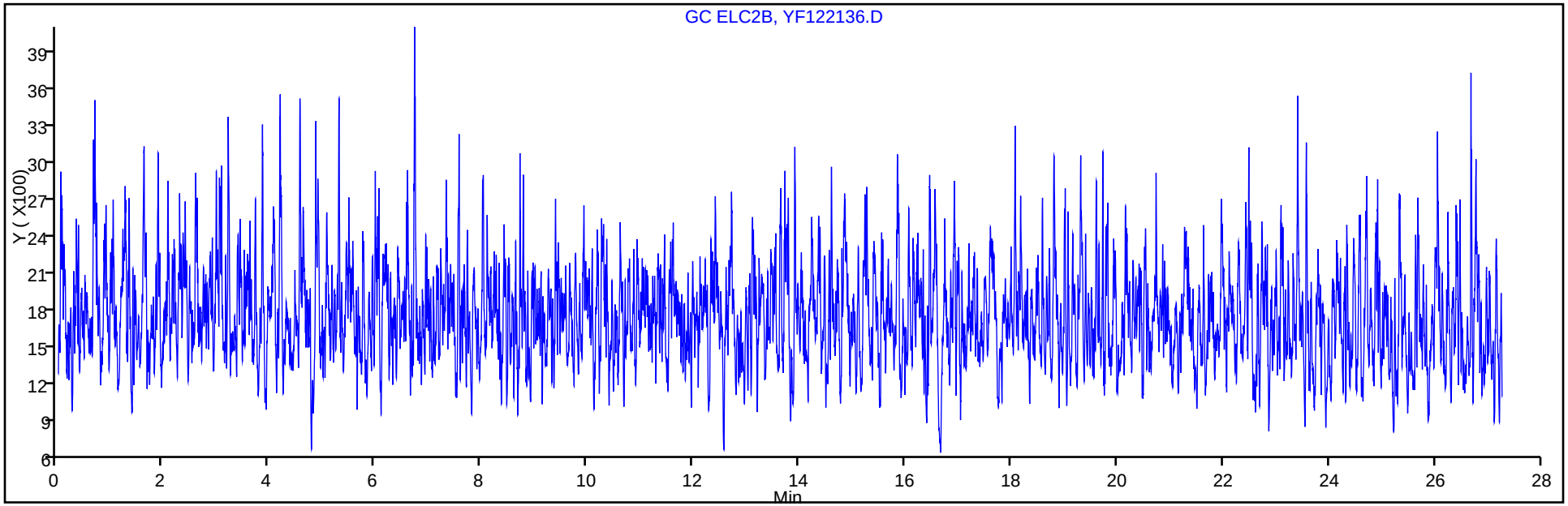
Report Date: 26-Dec-2012 15:23:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

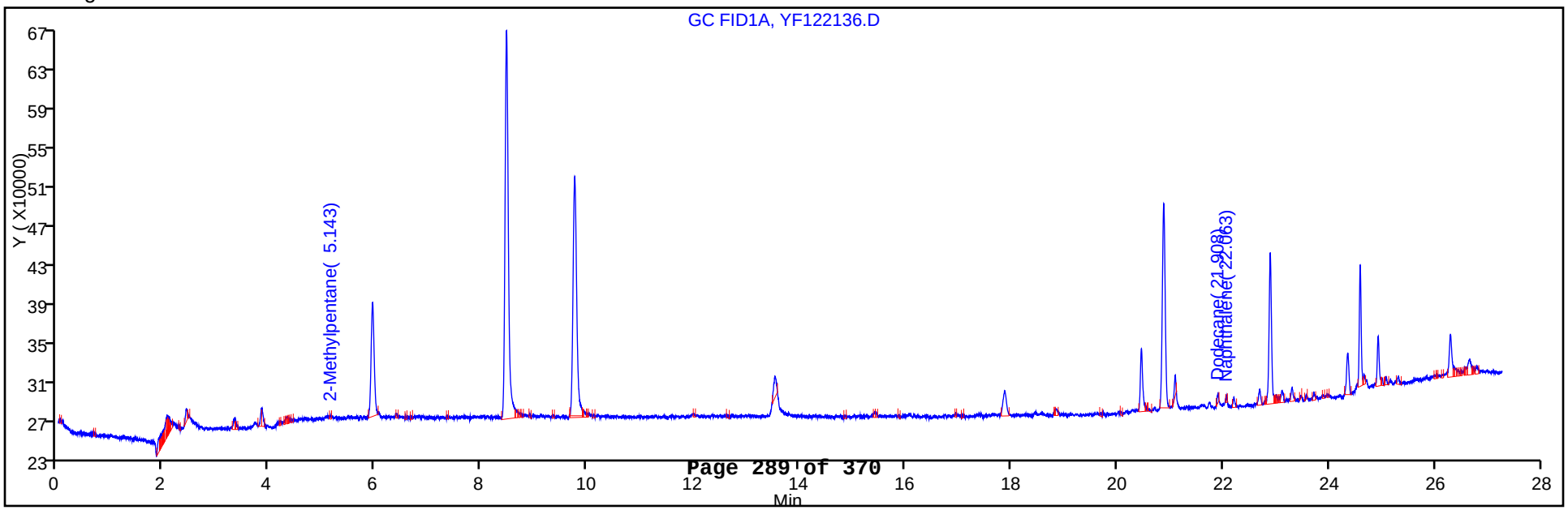
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122136.D

Injection Date:	22-Dec-2012 08:46:08	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	36
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69738/52

Matrix: Solid Lab File ID: YF122152.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/22/2012 18:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	89		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122152.D
Lims ID: MB Client ID:
Inject. Date: 22-Dec-2012 18:53:12 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016087-052
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 52
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:34 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.133	5.137	-0.004	22289	0	
12 Methyl tert-butyl ether	2	5.202	5.208	-0.006	5634	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.750	9.756	-0.006	1372651	8.93	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	7484601	55.0	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.461	5.001 -	21.920	10607191	28.6	
A 11 GRO	2	13.655	4.996 -	22.314	14125124	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.751	21.750	0.001	33603	0	
9 Naphthalene	2	22.070	22.060	0.010	17844	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

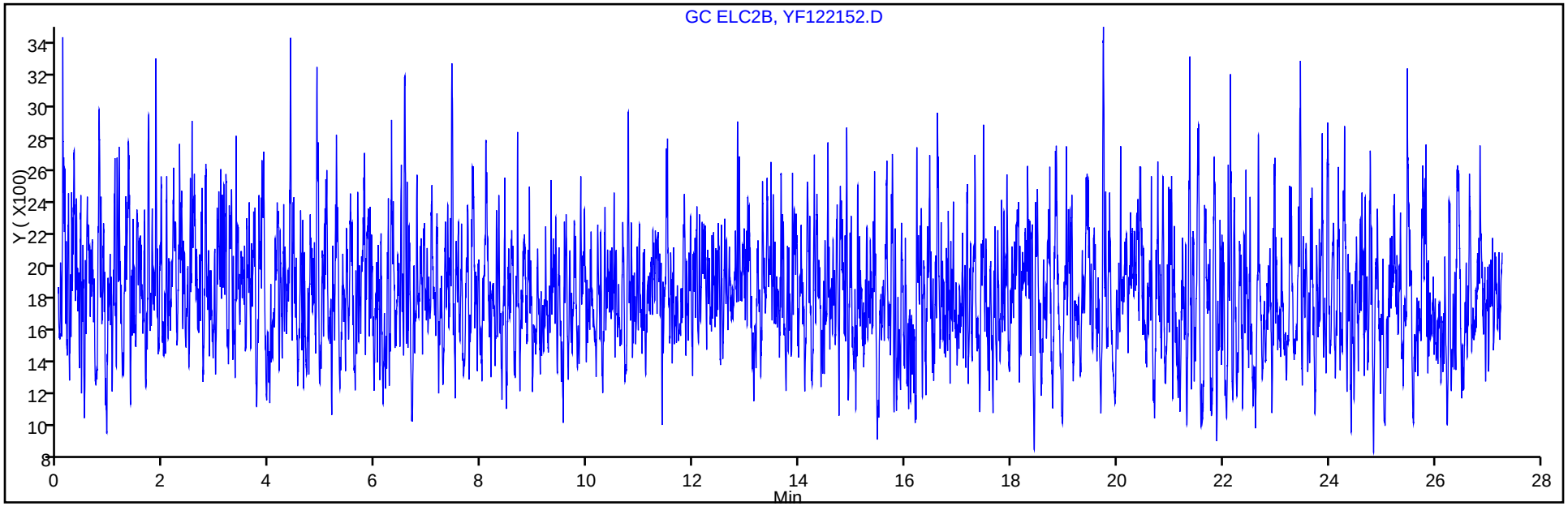
Report Date: 26-Dec-2012 15:23:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

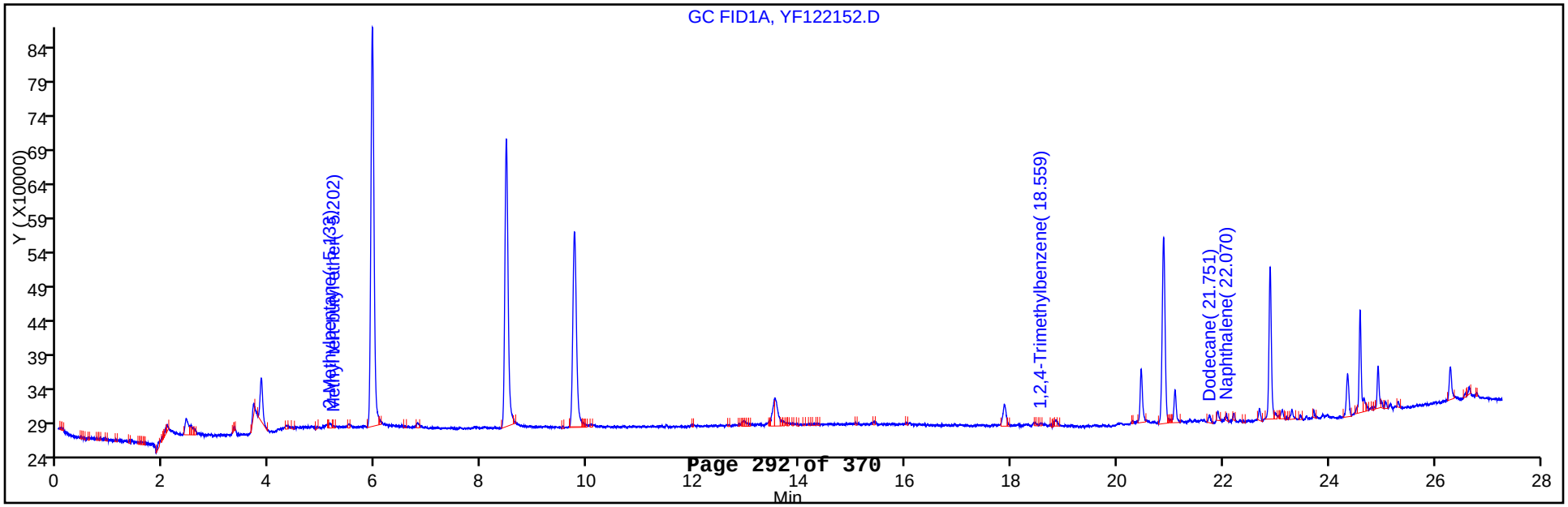
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122152.D

Injection Date:	22-Dec-2012 18:53:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	52
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69738/37

Matrix: Water Lab File ID: YF122137.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 09:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	830		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	92		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122137.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	22-Dec-2012 09:24:22	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0016087-037		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	37
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:15	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.759	-0.002	1418046	9.23	
A 5 C6-C10	2	11.831	4.901 -	18.760	105727048	777.3	
A 1 C6-C12	2	13.461	5.001 -	21.920	119867350	829.9	

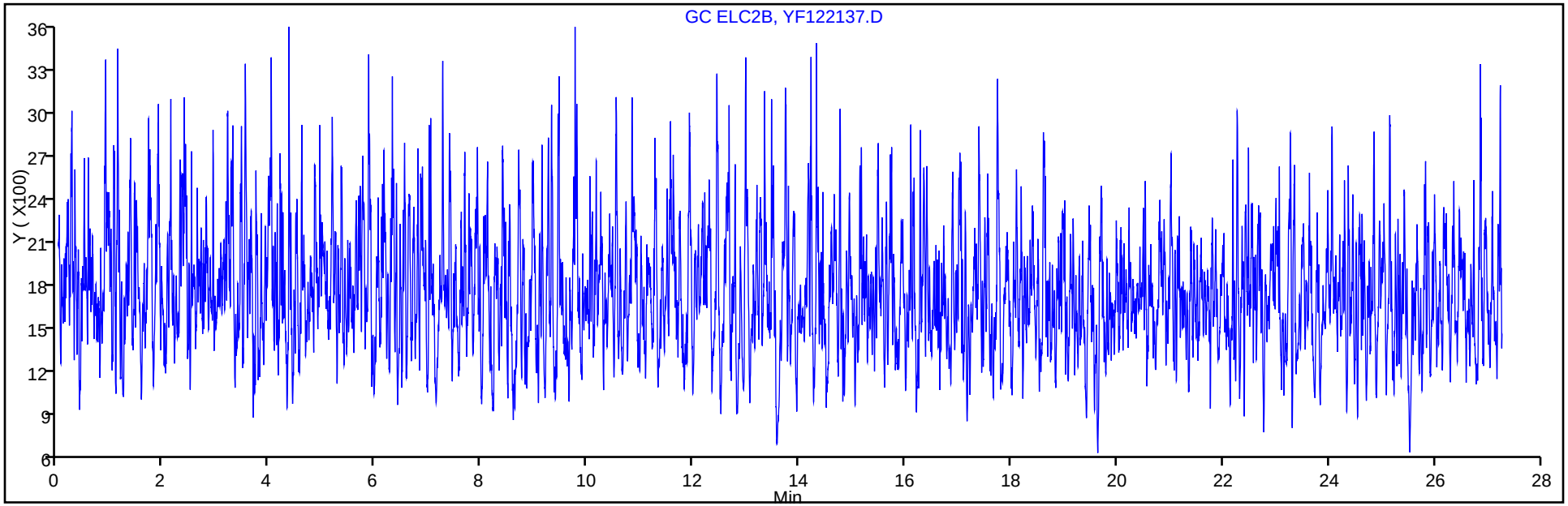
Report Date: 26-Dec-2012 15:23:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

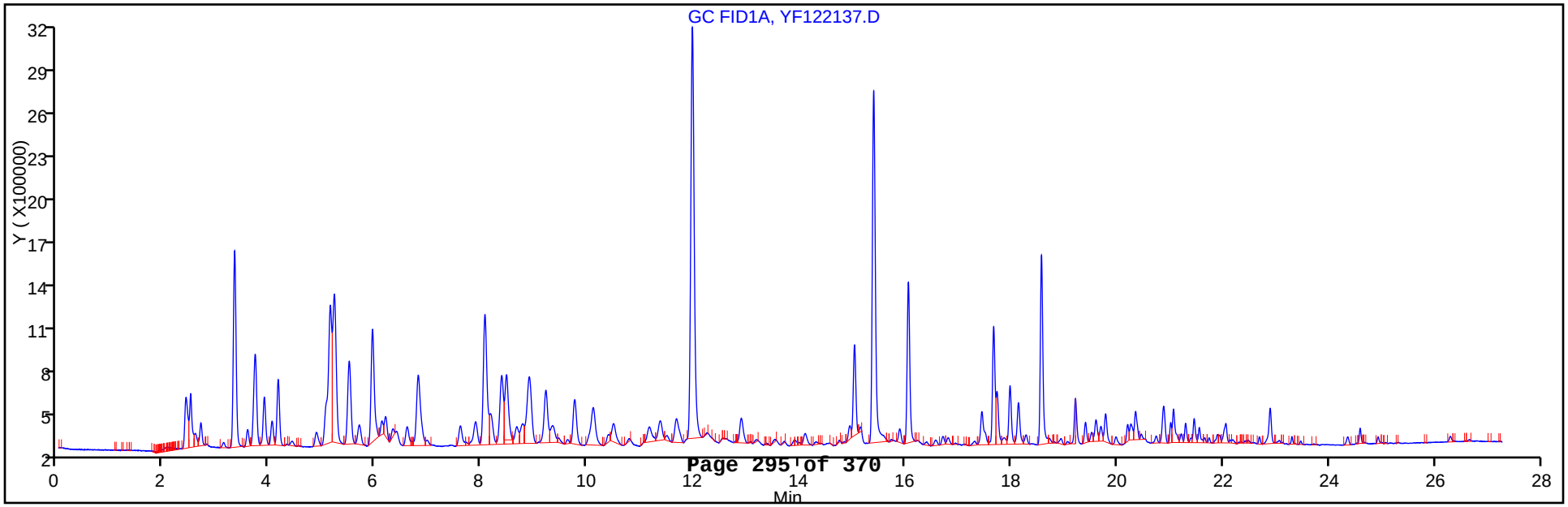
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122137.D

Injection Date:	22-Dec-2012 09:24:22	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	37
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69738/53

Matrix: Solid | Lab File ID: YF122153.D

Analysis Method: 8015B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/22/2012 19:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

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

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	965		100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	101		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122153.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	22-Dec-2012 19:32:12	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0016087-053		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	53
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.756	9.756	0.0	1548055	10.1	
A 5 C6-C10	2	11.831	4.901 -	18.760	120387074	885.1	
A 1 C6-C12	2	13.461	5.001 -	21.920	138265879	964.8	

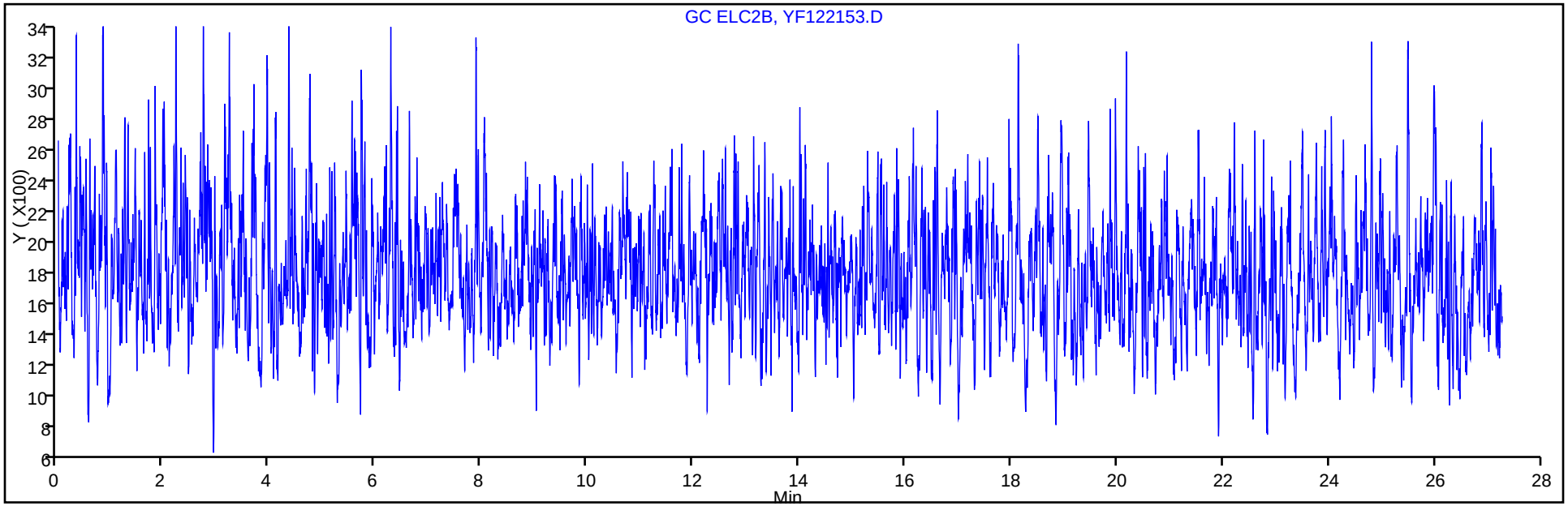
Report Date: 26-Dec-2012 15:23:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

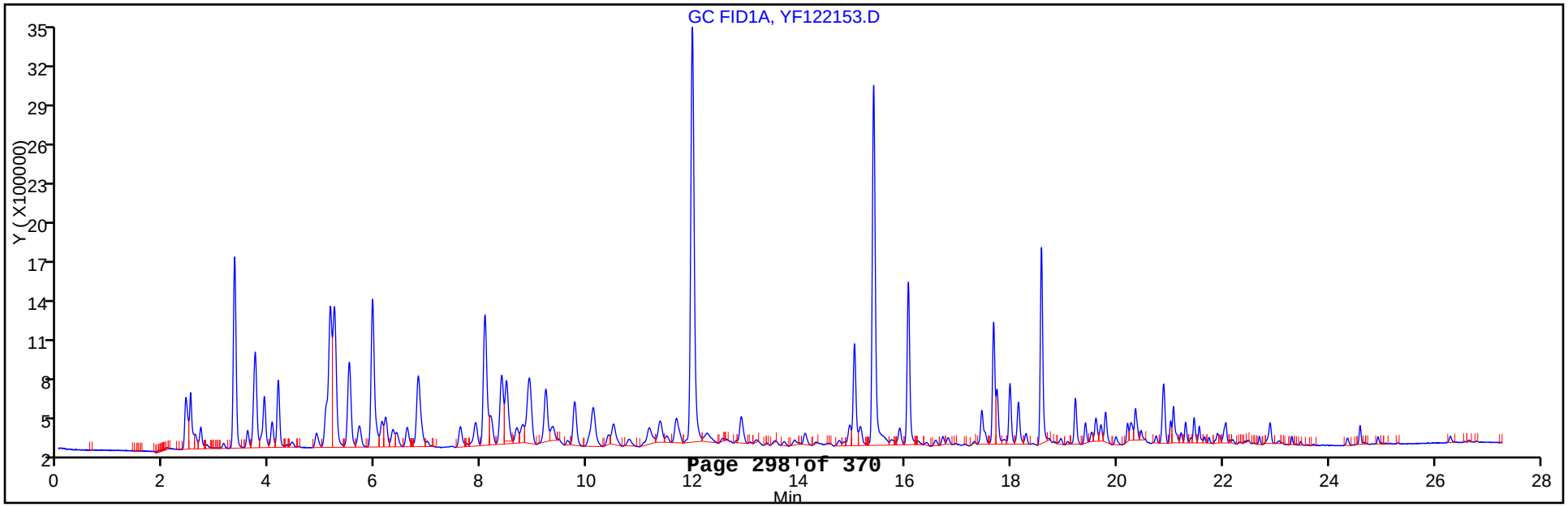
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122153.D

Injection Date:	22-Dec-2012 19:32:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	53
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69738/35

Matrix: Water Lab File ID: YF122135.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 08:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	78.6	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	85		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122135.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 08:08:28 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016087-035
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 35
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:15 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.140	5.137	0.003	303010	0	
12 Methyl tert-butyl ether	2	5.224	5.208	0.016	1326135	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.759	-0.002	1307279	8.50	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	14478767	106.4	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.461	5.001 -	21.920	17415031	78.6	
A 11 GRO	2	13.655	4.996 -	22.314	20949584	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.741	21.750	-0.009	10337	0	
9 Naphthalene	2	22.065	22.060	0.005	85261	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

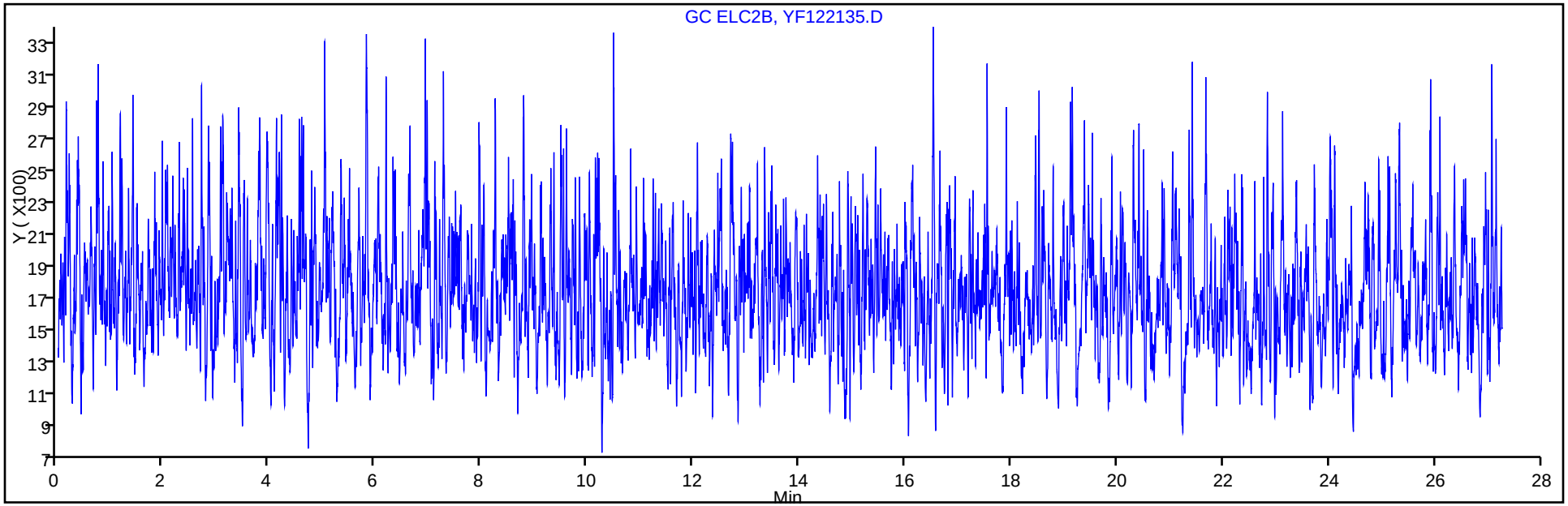
Report Date: 26-Dec-2012 15:23:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

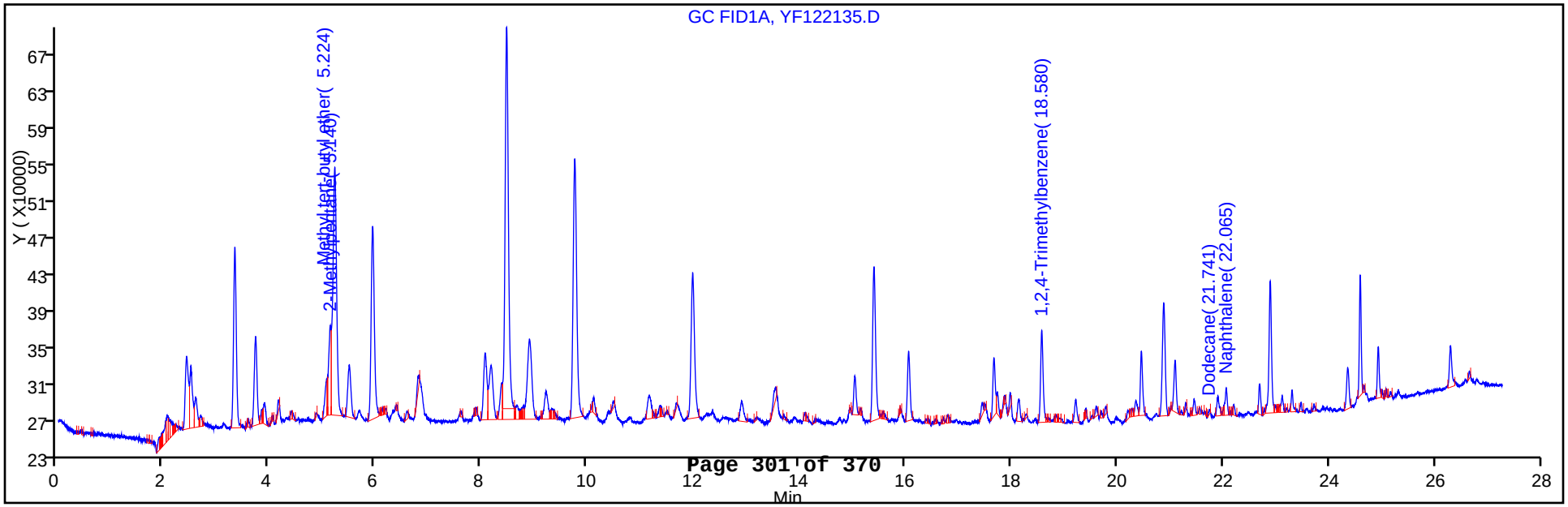
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122135.D

Injection Date:	22-Dec-2012 08:08:28	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	35
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69738/51

Matrix: Solid Lab File ID: YF122151.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 18:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	115		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	85		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122151.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 18:14:18 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016087-051
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 51
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:34 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.135	5.137	-0.002	440596	0	
12 Methyl tert-butyl ether	2	5.215	5.208	0.007	1693127	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.755	9.756	-0.001	1313479	8.54	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	17378842	127.8	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.461	5.001 -	21.920	22317143	114.5	
A 11 GRO	2	13.655	4.996 -	22.314	25915619	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.737	21.750	-0.013	10279	0	
9 Naphthalene	2	22.059	22.060	-0.001	30242	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

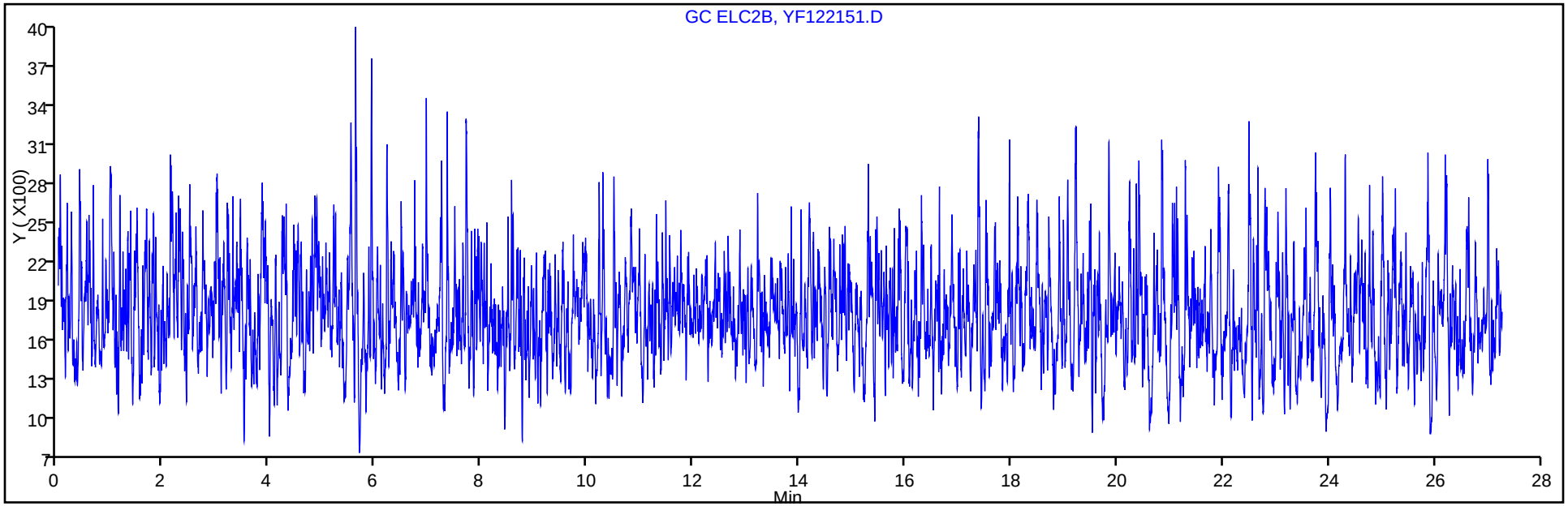
Report Date: 26-Dec-2012 15:23:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

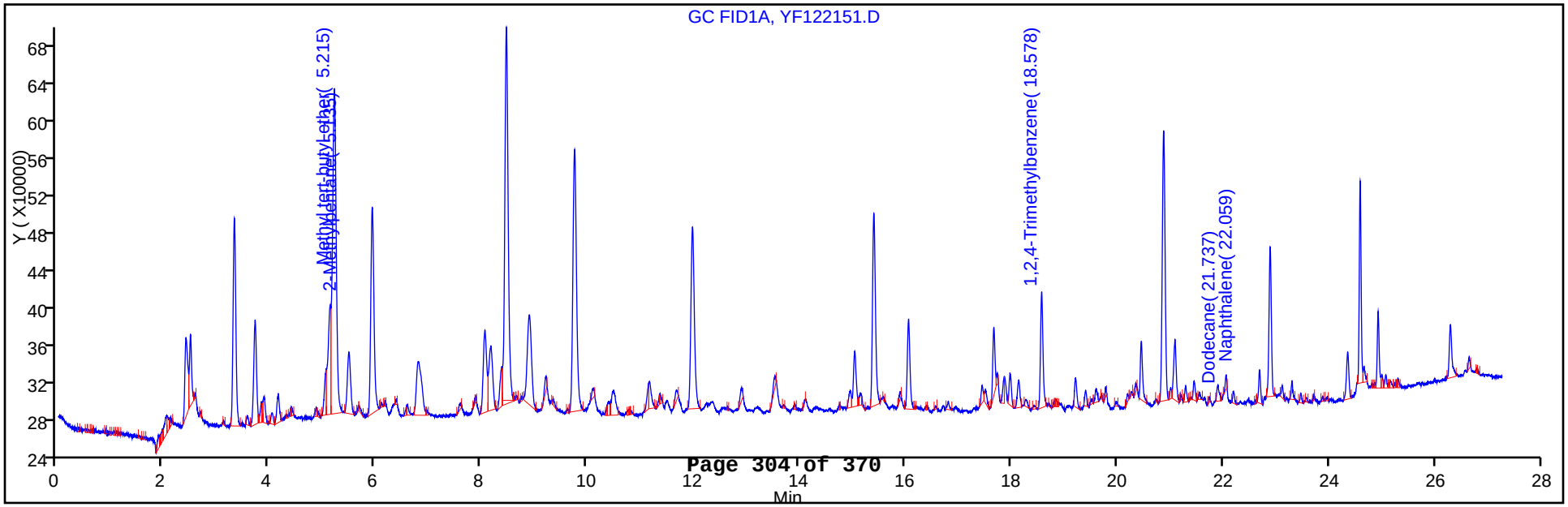
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122151.D

Injection Date:	22-Dec-2012 18:14:18	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	51
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69738/76

Matrix: Solid Lab File ID: YF122176.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/23/2012 10:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	83.6	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	84		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122176.D
Lims ID: MRL Client ID:
Inject. Date: 23-Dec-2012 10:05:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016087-076
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 76
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:24:04 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.137	5.137	0.0	476955	0	
12 Methyl tert-butyl ether	2	5.217	5.208	0.009	1313104	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.754	9.757	-0.003	1294072	8.42	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	14484505	106.5	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.461	5.001 -	21.920	18102458	83.6	
A 11 GRO	2	13.655	4.996 -	22.314	21619863	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.744	21.750	-0.006	13448	0	
9 Naphthalene	2	22.062	22.060	0.002	103786	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

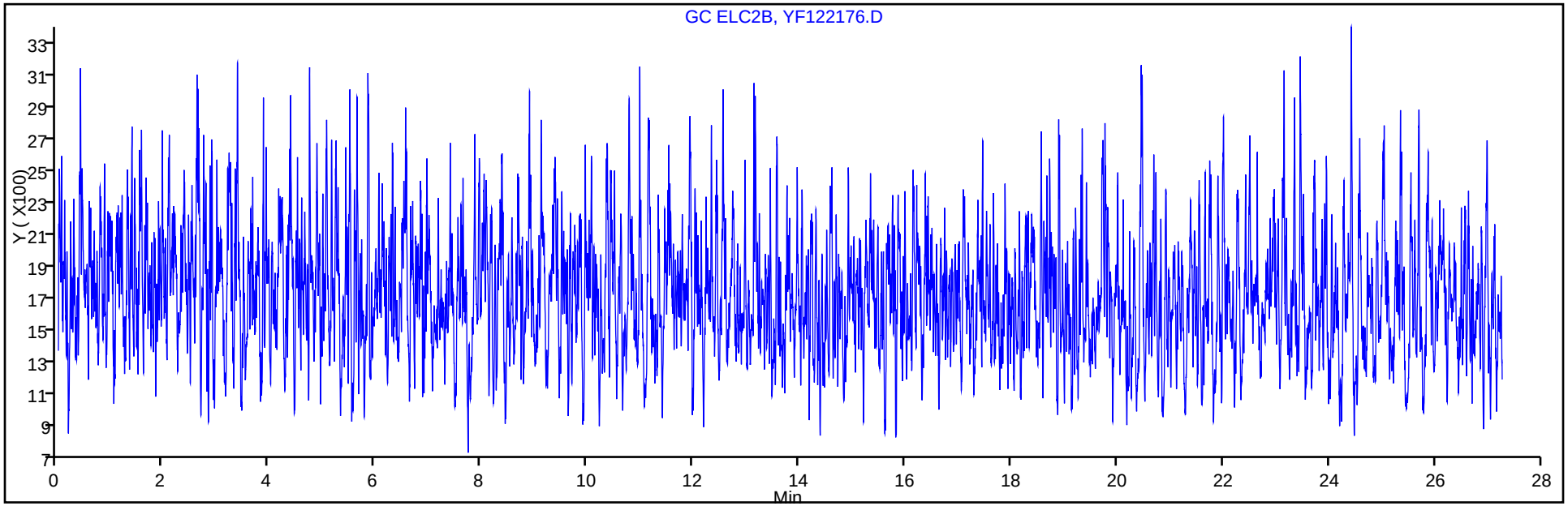
Report Date: 26-Dec-2012 15:24:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

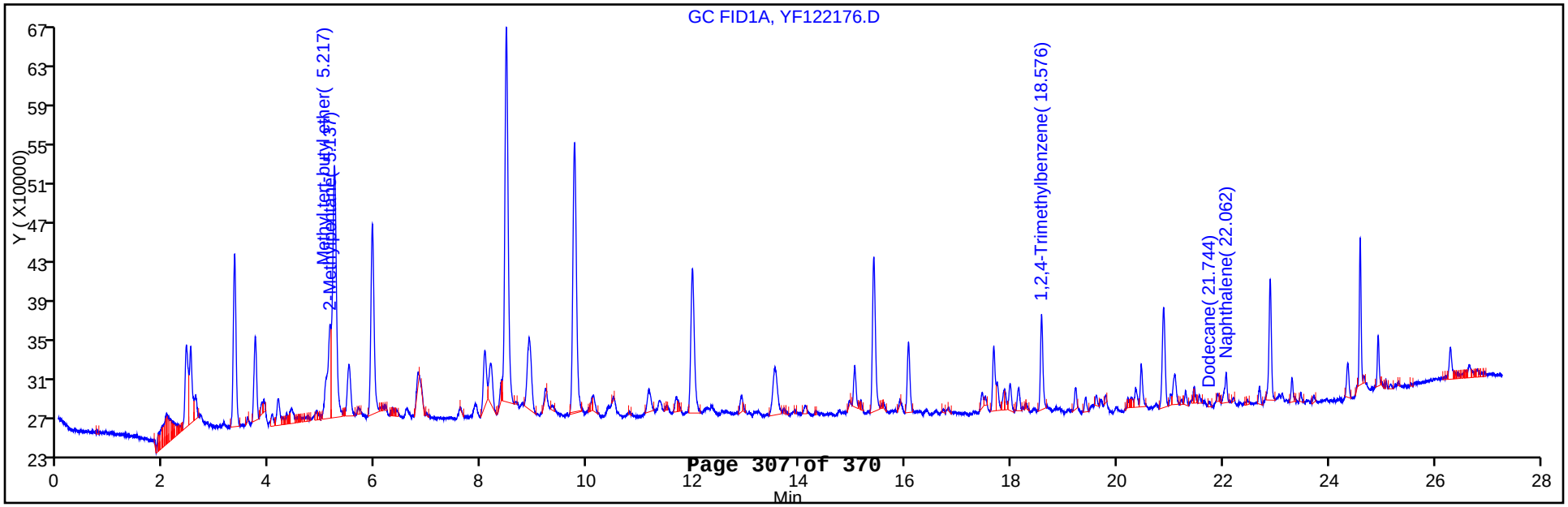
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122176.D

Injection Date:	23-Dec-2012 10:05:10	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	76
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070SB-0042M-0001-SO MS Lab Sample ID: 240-18735-1 MS

Matrix: Solid Lab File ID: YF122173.D

Analysis Method: 8015B Date Collected: 12/12/2012 10:30

Sample wt/vol: 6.126(g) Date Analyzed: 12/23/2012 08:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.1 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	491		96	48	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	63		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122173.D
Lims ID: 240-18735-B-1-E MS Client ID: 070SB-0042M-0002-SO
Inject. Date: 23-Dec-2012 08:10:58 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016087-073
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 73
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:58 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.143	5.137	0.006	4677379	0	
12 Methyl tert-butyl ether	2	5.220	5.208	0.012	3748593	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.758	9.759	-0.001	965307	6.28	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	71630106	526.6	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.461	5.001 -	21.920	76392020	511.1	
A 11 GRO	2	13.655	4.996 -	22.314	79749139	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.741	21.750	-0.009	33038	0	
9 Naphthalene	2	22.032	22.060	-0.028	34644	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

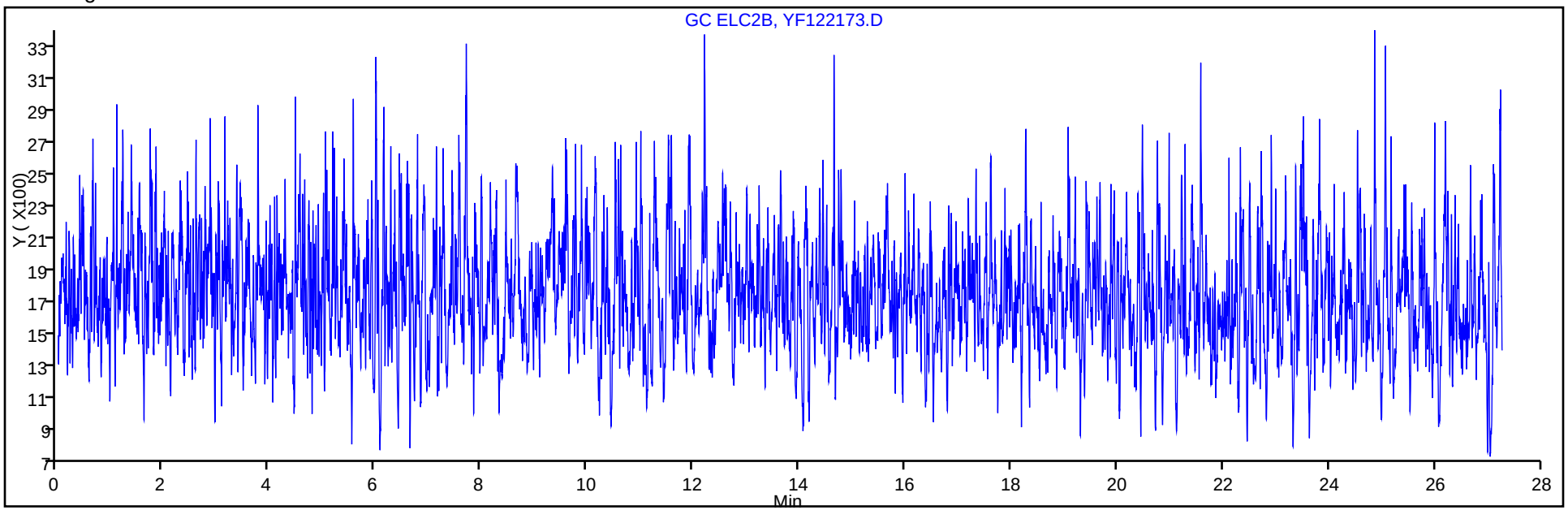
Report Date: 26-Dec-2012 15:24:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

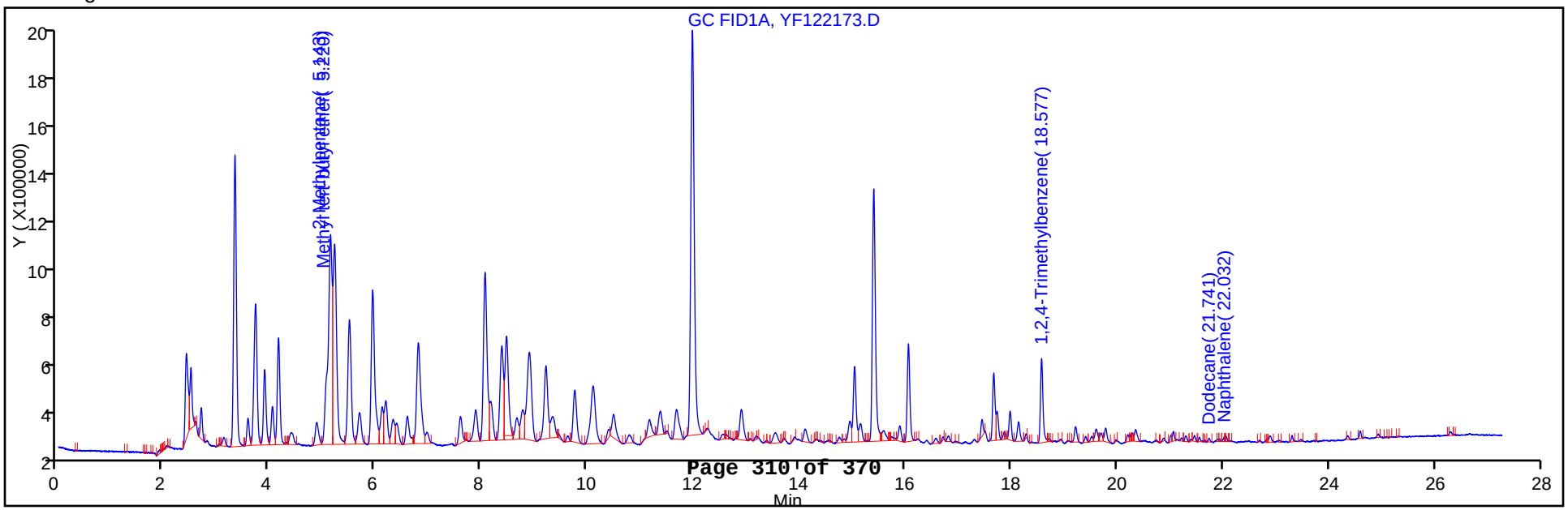
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122173.D

Injection Date:	23-Dec-2012 08:10:58	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SB-0042M-0002-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	73
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Client Sample ID: 070SB-0042M-0001-SO MSD Lab Sample ID: 240-18735-1 MSD

Matrix: Solid Lab File ID: YF122174.D

Analysis Method: 8015B Date Collected: 12/12/2012 10:30

Sample wt/vol: 6.092(g) Date Analyzed: 12/23/2012 08:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.1 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	466		97	48	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	64		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122174.D
Lims ID: 240-18735-B-1-F MSD Client ID: 070SB-0042M-0002-SO
Inject. Date: 23-Dec-2012 08:49:32 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016087-074
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 74
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:58 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.139	5.137	0.002	3934338	0	
12 Methyl tert-butyl ether	2	5.221	5.208	0.013	4343712	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.759	9.759	0.0	989265	6.44	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	68287574	502.0	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.461	5.001 -	21.920	72520304	482.7	
A 11 GRO	2	13.655	4.996 -	22.314	75744734	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.743	21.750	-0.007	31131	0	
9 Naphthalene	2	22.058	22.060	-0.002	110199	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

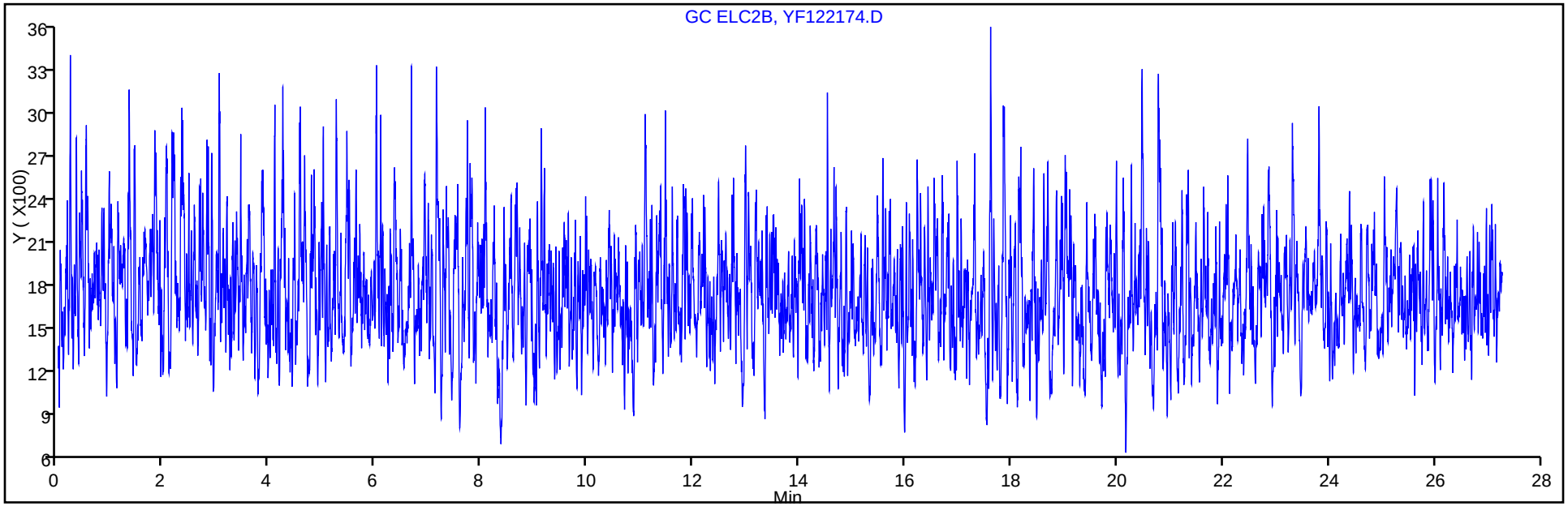
Report Date: 26-Dec-2012 15:24:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

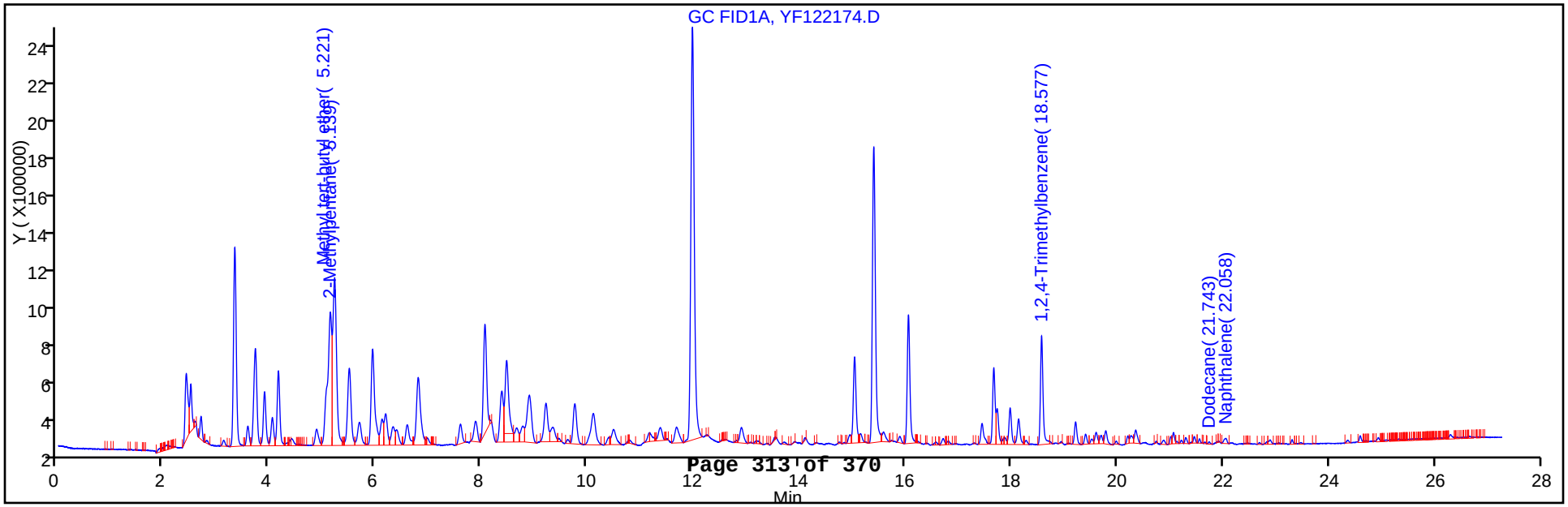
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122174.D

Injection Date:	23-Dec-2012 08:49:32	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SB-0042M-0002-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	74
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: YPID Start Date: 08/15/2012 17:16

Analysis Batch Number: 54511 End Date: 08/16/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/15/2012 17:16	1		RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 17:57	1		RTX-VRX 0.45(mm)
STD1 240-54511/6 IC		08/15/2012 18:36	1	YF081506.D	RTX-VRX 0.45(mm)
STD2 240-54511/7 IC		08/15/2012 19:17	1	YF081507.D	RTX-VRX 0.45(mm)
STD3 240-54511/8 IC		08/15/2012 19:58	1	YF081508.D	RTX-VRX 0.45(mm)
STD4 240-54511/9 ICRT		08/15/2012 20:39	1	YF081509.D	RTX-VRX 0.45(mm)
STD5 240-54511/10 IC		08/15/2012 21:19	1	YF081510.D	RTX-VRX 0.45(mm)
STD6 240-54511/11 IC		08/15/2012 22:00	1	YF081511.D	RTX-VRX 0.45(mm)
ICV 240-54511/12		08/15/2012 22:40	1	YF081512.D	RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 23:21	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:02	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:42	200		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 01:23	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:03	100		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:43	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 03:24	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:05	1000		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:45	5		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 05:26	1		RTX-VRX 0.45(mm)
CCV 240-54511/23		08/16/2012 06:06	1		RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: YPID Start Date: 12/21/2012 11:49

Analysis Batch Number: 69738 End Date: 12/23/2012 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/21/2012 11:49	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 11:49	1		RTX-VRX 0.45(mm)
CCV 240-69738/5 CCVRT		12/21/2012 13:05	1	YF122105.D	RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 14:20	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 14:20	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 14:58	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 15:36	100		RTX-VRX 0.45(mm)
CCV 240-69738/10		12/21/2012 16:14	1	YF122110.D	RTX-VRX 0.45(mm)
CCV 240-69738/34		12/22/2012 07:30	1	YF122134.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 08:08	1		RTX-VRX 0.45(mm)
MRL 240-69738/35		12/22/2012 08:08	1	YF122135.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 08:46	1		RTX-VRX 0.45(mm)
MB 240-69738/36		12/22/2012 08:46	1	YF122136.D	RTX-VRX 0.45(mm)
LCS 240-69738/37		12/22/2012 09:24	1	YF122137.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 10:01	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 10:39	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 11:16	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 11:54	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 12:32	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 12:32	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 13:10	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 13:10	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 13:47	1		RTX-VRX 0.45(mm)
CCV 240-69738/45		12/22/2012 14:25	1	YF122145.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 15:02	1		RTX-VRX 0.45(mm)
240-18735-2	070SB-0055-0001-TB	12/22/2012 15:41	1	YF122147.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 16:18	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 16:56	1		RTX-VRX 0.45(mm)
CCV 240-69738/50		12/22/2012 17:35	1	YF122150.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 18:14	1		RTX-VRX 0.45(mm)
MRL 240-69738/51		12/22/2012 18:14	1	YF122151.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 18:53	1		RTX-VRX 0.45(mm)
MB 240-69738/52		12/22/2012 18:53	1	YF122152.D	RTX-VRX 0.45(mm)
LCS 240-69738/53		12/22/2012 19:32	1	YF122153.D	RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 20:11	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 20:49	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 21:27	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 22:06	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 22:44	1		RTX-VRX 0.45(mm)
ZZZZZ		12/22/2012 23:22	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 00:00	1		RTX-VRX 0.45(mm)
CCV 240-69738/61		12/23/2012 00:38	1	YF122161.D	RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 01:16	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 01:54	1		RTX-VRX 0.45(mm)

8015B

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: YPID Start Date: 12/21/2012 11:49

Analysis Batch Number: 69738 End Date: 12/23/2012 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/23/2012 02:31	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 03:09	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 03:47	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 04:24	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 05:02	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 05:39	1		RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 06:17	1		RTX-VRX 0.45(mm)
CCV 240-69738/71		12/23/2012 06:55	1	YF122171.D	RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 07:33	1		RTX-VRX 0.45(mm)
240-18735-1	070SB-0042M-0001-SO	12/23/2012 07:33	1	YF122172.D	RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 08:10	1		RTX-VRX 0.45(mm)
240-18735-1 MS	070SB-0042M-0001-SO MS	12/23/2012 08:10	1	YF122173.D	RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 08:49	1		RTX-VRX 0.45(mm)
240-18735-1 MSD	070SB-0042M-0001-SO MSD	12/23/2012 08:49	1	YF122174.D	RTX-VRX 0.45(mm)
CCV 240-69738/75		12/23/2012 09:27	1	YF122175.D	RTX-VRX 0.45(mm)
ZZZZZ		12/23/2012 10:05	1		RTX-VRX 0.45(mm)
MRL 240-69738/76		12/23/2012 10:05	1	YF122176.D	RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 69885 Batch Start Date: 12/22/12 09:09 Batch Analyst: Bosworth, Heather M

Batch Method: 5035 Batch End Date: 12/22/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-18735-B-1	070SB-0042M-0001 -SO	5035, 8015B	T	+029.791 g	35.79 g	5.999 g	5 mL	Job frozen on 12/12/12@2210	
240-18735-B-1 MS	070SB-0042M-0001 -SO	5035, 8015B	T	+029.914 g	36.04 g	6.126 g	5 mL		
240-18735-B-1 MSD	070SB-0042M-0001 -SO	5035, 8015B	T	30.378 g	36.47 g	6.092 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
070SB-0042M-0001-SO	240-18735-1
076SB-0119-0001-SO	240-18735-8
076SB-0120-0001-SO	240-18735-9
076SB-0121-0001-SO	240-18735-10
076SB-0122-0001-SO	240-18735-11
076SB-0123-0001-SO	240-18735-12
076SB-0124-0001-SO	240-18735-13
076SB-0125-0001-SO	240-18735-14
076SB-0126-0001-SO	240-18735-15
076SB-0127-0001-SO	240-18735-16
076SB-0128-0001-SO	240-18735-17
076SB-0129-0001-SO	240-18735-18
076SB-0130-0001-SO	240-18735-19
076SB-0131-0001-SO	240-18735-20
076SB-0132-0001-SO	240-18735-21
076SB-0133-0001-SO	240-18735-22
076SB-0134-0001-SO	240-18735-23
076SB-0135-0001-SO	240-18735-24
076SB-0136-0001-SO	240-18735-25

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0119-0001-SO
Lab Sample ID: 240-18735-8
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 09:10
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 87.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.91	0.91	0.91	0.31	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0120-0001-SO
Lab Sample ID: 240-18735-9
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 11:20
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 87.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.34	0.91	0.91	0.31	mg/Kg	J		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0121-0001-SO
Lab Sample ID: 240-18735-10
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 10:50
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 88.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.90	0.90	0.90	0.30	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0122-0001-SO
Lab Sample ID: 240-18735-11
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 09:30
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 84.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.94	0.94	0.94	0.32	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0123-0001-SO
Lab Sample ID: 240-18735-12
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 09:50
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 86.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.92	0.92	0.92	0.31	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0124-0001-SO
Lab Sample ID: 240-18735-13
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 10:15
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 86.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.92	0.92	0.92	0.31	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0125-0001-SO
Lab Sample ID: 240-18735-14
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/12/2012 10:15
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 91.3

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.88	0.88	0.88	0.30	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0126-0001-SO
Lab Sample ID: 240-18735-15
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 15:55
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 90.3

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.31	0.89	0.89	0.30	mg/Kg	J		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0127-0001-SO
Lab Sample ID: 240-18735-16
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 15:55
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 89.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.89	0.89	0.89	0.30	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0128-0001-SO
Lab Sample ID: 240-18735-17
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 15:20
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 90.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.88	0.88	0.88	0.30	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0129-0001-SO
Lab Sample ID: 240-18735-18
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 14:50
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 89.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.89	0.89	0.89	0.30	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0130-0001-SO
Lab Sample ID: 240-18735-19
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/12/2012 10:49
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 91.4

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.88	0.88	0.88	0.30	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0131-0001-SO
Lab Sample ID: 240-18735-20
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/12/2012 11:24
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 91.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.87	0.87	0.87	0.29	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0132-0001-SO
Lab Sample ID: 240-18735-21
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 12:25
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 81.0

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.99	0.99	0.99	0.33	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0133-0001-SO
Lab Sample ID: 240-18735-22
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 12:25
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 81.2

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.39	0.98	0.98	0.33	mg/Kg	J		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0134-0001-SO
Lab Sample ID: 240-18735-23
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 13:15
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 88.4

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.37	0.91	0.91	0.31	mg/Kg	J		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0135-0001-SO
Lab Sample ID: 240-18735-24
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 13:40
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 86.8

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.92	0.92	0.92	0.31	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SB-0136-0001-SO
Lab Sample ID: 240-18735-25
Lab Name: TestAmerica Canton
Job No.: 240-18735-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/11/2012 14:10
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 86.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cr (VI)	0.92	0.92	0.92	0.31	mg/Kg	U		1	7196A

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Analyst: LG Batch Start Date: 01/02/2013

Reporting Units: mg/Kg Analytical Batch No.: 70884

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	00:00	Cr (VI)	20.6	20.0	103	90-110		WCCHROME50PM2_00010
2	ICB	00:00	Cr (VI)	0.80				U	
6	CCV	12:51	Cr (VI)	19.6	20.0	98	90-110		WCCHROME50PPM_00009
7	CCB	12:51	Cr (VI)	0.80				U	
10	CCV	12:55	Cr (VI)	19.6	20.0	98	90-110		WCCHROME50PPM_00009
11	CCB	12:55	Cr (VI)	0.80				U	
14	CCV	12:58	Cr (VI)	19.6	20.0	98	90-110		WCCHROME50PPM_00009
15	CCB	12:58	Cr (VI)	0.80				U	
18	CCV	13:12	Cr (VI)	19.4	20.0	97	90-110		WCCHROME50PPM_00009
19	CCB	13:12	Cr (VI)	0.80				U	
22	CCV	13:15	Cr (VI)	19.4	20.0	97	90-110		WCCHROME50PPM_00009
23	CCB	13:15	Cr (VI)	0.80				U	
26	CCV	13:19	Cr (VI)	19.3	20.0	97	90-110		WCCHROME50PPM_00009
27	CCB	13:19	Cr (VI)	0.80				U	
30	CCV	13:31	Cr (VI)	19.0	20.0	95	90-110		WCCHROME50PPM_00009
31	CCB	13:31	Cr (VI)	0.80				U	
34	CCV	13:35	Cr (VI)	19.0	20.0	95	90-110		WCCHROME50PPM_00009
35	CCB	13:35	Cr (VI)	0.80				U	
38	CCV	13:38	Cr (VI)	20.1	20.0	101	90-110		WCCHROME50PPM_00009
39	CCB	13:38	Cr (VI)	0.80				U	
42	CCV	13:44	Cr (VI)	20.0	20.0	100	90-110		WCCHROME50PPM_00009
43	CCB	13:44	Cr (VI)	0.80				U	
45	CCV	13:49	Cr (VI)	20.0	20.0	100	90-110		WCCHROME50PPM_00009
46	CCB	13:49	Cr (VI)	0.80				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	LOQ	Dil
Batch ID: 70884	Date: 01/02/2013 00:00	Prep Batch: 70771	Date: 12/31/2012 13:31				
7196A	MB 240-70771/9-A	Cr (VI)	0.80	U	mg/Kg	0.80	1

FORM III-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 70884	Date: 01/02/2013 13:14		Prep Batch: 70771	Date: 12/31/2012 13:31				
7196A	076SB-0125-0001-SO	240-18735-14	Cr (VI)	0.88	mg/Kg			U
7196A	076SB-0125-0001-SO	240-18735-14 DU	Cr (VI)	0.86	mg/Kg	NC		U

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE SOLUBLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70884	Date: 01/02/2013 00:00		Prep Batch: 70771			Date: 12/31/2012 13:31					
						LCS Source: WCCHROME50PM2_00010					
7196A	LCSS 240-70771/10-A	Cr (VI)	20.6		mg/Kg	20.0	103	90-110			
Batch ID: 70884	Date: 01/02/2013 00:00		Prep Batch: 70771			Date: 12/31/2012 13:31					
						LCS Source: WCPBCHROMATE_00004					
7196A	LCSI 240-70771/11-A	Cr (VI)	690		mg/Kg	643	107	75-125			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-1

SDG Number:

Matrix: Solid Instrument ID: ERNIE-CR

Method: 7196A DL Date: 01/27/2010 16:56

Prep Method: 3060A

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Cr (VI)		0.8	0.27

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-1

SDG Number:

Matrix: Solid Instrument ID: ERNIE-CR

Method: 7196A XMDL Date: 01/27/2010 16:56

Analyte	Wavelength/ Mass	XRL (mg/Kg)	XMDL (mg/Kg)
Cr (VI)		0.8	0.27

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture LOQ Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Prep Method: 3060A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-70771/9-A	12/31/2012 13:31	70771	2.5		100
LCSS 240-70771/10-A	12/31/2012 13:31	70771	2.5		100
LCSI 240-70771/11-A	12/31/2012 13:31	70771	2.5		100
240-18735-8	12/31/2012 13:31	70771	2.5		100
240-18735-9	12/31/2012 13:31	70771	2.5		100
240-18735-10	12/31/2012 13:31	70771	2.5		100
240-18735-11	12/31/2012 13:31	70771	2.5		100
240-18735-12	12/31/2012 13:31	70771	2.5		100
240-18735-13	12/31/2012 13:31	70771	2.5		100
240-18735-14 DU	12/31/2012 13:31	70771	2.5		100
240-18735-14	12/31/2012 13:31	70771	2.5		100
240-18735-15	12/31/2012 13:31	70771	2.5		100
240-18735-16	12/31/2012 13:31	70771	2.5		100
240-18735-17	12/31/2012 13:31	70771	2.5		100
240-18735-18	12/31/2012 13:31	70771	2.5		100
240-18735-19	12/31/2012 13:31	70771	2.5		100
240-18735-20	12/31/2012 13:31	70771	2.5		100
240-18735-21	12/31/2012 13:31	70771	2.5		100
240-18735-22	12/31/2012 13:31	70771	2.5		100
240-18735-23	12/31/2012 13:31	70771	2.5		100
240-18735-24	12/31/2012 13:31	70771	2.5		100
240-18735-25	12/31/2012 13:31	70771	2.5		100

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: ERNIE-CR Method: 7196A

Start Date: 01/02/2013 00:00 End Date: 01/02/2013 13:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cr6																			
ICV 240-70771/7-A	1		00:00	X																			
ICB 240-70771/8-A	1		00:00	X																			
MB 240-70771/9-A	1	T	00:00	X																			
LCSS 240-70771/10-A	1	T	00:00	X																			
LCSI 240-70771/11-A	1	T	00:00	X																			
CCV 240-70771/12-A	1		12:51	X																			
CCB 240-70771/13-A	1		12:51	X																			
240-18735-8	1	T	12:53	X																			
240-18735-9	1	T	12:54	X																			
CCV 240-70771/12-A	1		12:55	X																			
CCB 240-70771/13-A	1		12:55	X																			
240-18735-10	1	T	12:57	X																			
240-18735-11	1	T	12:57	X																			
CCV 240-70771/12-A	1		12:58	X																			
CCB 240-70771/13-A	1		12:58	X																			
240-18735-12	1	T	13:11	X																			
240-18735-13	1	T	13:11	X																			
CCV 240-70771/12-A	1		13:12	X																			
CCB 240-70771/13-A	1		13:12	X																			
240-18735-14 DU	1	T	13:14	X																			
240-18735-14	1	T	13:15	X																			
CCV 240-70771/12-A	1		13:15	X																			
CCB 240-70771/13-A	1		13:15	X																			
240-18735-15	1	T	13:17	X																			
240-18735-16	1	T	13:18	X																			
CCV 240-70771/12-A	1		13:19	X																			
CCB 240-70771/13-A	1		13:19	X																			
240-18735-17	1	T	13:26	X																			
240-18735-18	1	T	13:30	X																			
CCV 240-70771/12-A	1		13:31	X																			
CCB 240-70771/13-A	1		13:31	X																			
240-18735-19	1	T	13:33	X																			
240-18735-20	1	T	13:34	X																			
CCV 240-70771/12-A	1		13:35	X																			
CCB 240-70771/13-A	1		13:35	X																			
240-18735-21	1	T	13:37	X																			
240-18735-22	1	T	13:38	X																			
CCV 240-70771/12-A	1		13:38	X																			
CCB 240-70771/13-A	1		13:38	X																			
240-18735-23	1	T	13:43	X																			
240-18735-24	1	T	13:43	X																			
CCV 240-70771/12-A	1		13:44	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: ERNIE-CR Method: 7196A

Start Date: 01/02/2013 00:00 End Date: 01/02/2013 13:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cr6																			
CCB 240-70771/13-A	1		13:44	X																			
240-18735-25	1	T	13:47	X																			
CCV 240-70771/12-A	1		13:49	X																			
CCB 240-70771/13-A	1		13:49	X																			
ZZZZZZ			13:49																				
CCV 240-70771/12-A			13:50																				
CCB 240-70771/13-A			13:50																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:13																					
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ZZZZZZ			12:13																					
240-18735-1 DU	1	T	12:13	X	X																			
240-18735-1	1	T	12:13	X	X																			
ZZZZZZ			12:13																					
240-18735-9	1	T	12:13	X	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
240-18735-10	1	T	12:13	X	X																		
240-18735-11	1	T	12:13	X	X																		
240-18735-12	1	T	12:13	X	X																		
240-18735-13	1	T	12:13	X	X																		
240-18735-15	1	T	12:13	X	X																		
240-18735-16	1	T	12:13	X	X																		
240-18735-14 DU	1	T	12:13	X	X																		
240-18735-14	1	T	12:13	X	X																		
240-18735-17	1	T	12:13	X	X																		
240-18735-18	1	T	12:13	X	X																		
240-18735-19	1	T	12:13	X	X																		
240-18735-20	1	T	12:13	X	X																		
240-18735-21	1	T	12:13	X	X																		
240-18735-22	1	T	12:13	X	X																		
240-18735-23	1	T	12:13	X	X																		
240-18735-24	1	T	12:13	X	X																		
240-18735-25 DU	1	T	13:44	X	X																		
240-18735-25	1	T	13:44	X	X																		
240-18735-8	1	T	13:44	X	X																		
ZZZZZZ			13:44																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:44																					
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ZZZZZZ			13:44																					
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ZZZZZZ			13:59																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Prep Types
T = Total/NA

TestAmerica, North Canton

3060A/7196A Cr+6 Solid Logsheet

Analysis	CR+6 - Soils	Prep Batch	70771		Spectrophotometer	
					SPEC 20	
Prep Date	01/02/13	Color	801715		Ernie	
		Acid	759713		Wavelength	
Anal Date	01/02/13	Filters	781315		540	
					RL	
Analyst	LG	Balance ID:	BO43		0.8 MG/KG	

Std No	Conc	ABS				
NA	0	0		Slope	0.5880	
ic 240-70771/1	0.01	0.008		Intercept	0.0051	
ic 240-70771/2	0.02	0.014		r	0.9990	
ic 240-70771/3	0.10	0.064				
ic 240-70771/4	0.25	0.153				
ic 240-70771/5	0.50	0.319				
ic 240-70771/6	1.00	0.583				
						Curve units mg/L

Sample No	ABS	Sample Vol	Final Vol	Dil			% Rec	Final Conc		
		in g	in ml		Std No	Spike TV		Analyte	in mg/kg	Time
ICV 240-70771/7	0.308	2.5	100	1		20	103%	Cr (VI)	20.6061	
ICB 240-70771/8	0.000	2.5	100	1				Cr (VI)	-0.3448	
MB 240-70771/9-	0.000	2.5	100	1				Cr (VI)	-0.3448	
LCSS 240-70771	0.308	2.5	100	1		20	103%	Cr (VI)	20.6061	
LCSI 240-70771/	0.208	2.5	100	50		644	107%	Cr (VI)	690.1928	

Sample No	Sample	Sample Abs.	Bgk Abs	Corr Abs	Spk Conc	Curve Info			Conc.in	Time
CCV 240-70771/	2.500	0.293	2.5	100	1	20	98%	Cr (VI)	19.5857	12:51
CCB 240-70771/	2.500	0.000	2.5	100	1			Cr (VI)	-0.3448	12:51
240-18735-B-8-A	2.45	0.003	0	0.003	0.00	Slope	0.01403	Cr (VI)	0.0000	12:53
	2.48	0.013	0	0.013	0.81	Intercept	-0.00034			12:53
	2.46	0.05	0	0.050	4.07	r	0.99938			12:54
	2.55	0.276	0	0.276	19.61					12:54
240-18735-B-9-A	2.46	0.002	0	0.002	0.00	Slope	0.01315	Cr (VI)	0.3011	12:54

	2.51	0.021	0	0.021	0.80	Intercept	0.00396			12:54
	2.46	0.052	0	0.052	4.07	r	0.99917			12:54
	2.48	0.27	0	0.270	20.16					12:55
CCV 240-70771/	2.500	0.293	2.5	100	1	20	98%	Cr (VI)	19.5857	12:55
CCB 240-70771/	2.500	0.000	2.5	100	1			Cr (VI)	-0.3448	12:55
240-18735-B-10-	2.47	0	0	0.000	0.00	Slope	0.01321	Cr (VI)	0.0000	12:57
	2.45	0.011	0	0.011	0.82	Intercept	0.00284			12:57
	2.47	0.063	0	0.063	4.05	r	0.99935			12:57
	2.47	0.269	0	0.269	20.24					12:57
240-18735-B-11-	2.54	0	0.000	0.000	0.00	Slope	0.01216	Cr (VI)	0.0000	12:57
	2.55	0.007	0.000	0.007	0.78	Intercept	-0.00338			12:58
	2.5	0.04	0.000	0.040	4.00	r	0.99946			12:58
	2.54	0.237	0.000	0.237	19.69					12:58
CCV 240-70771/	2.500	0.293	2.5	100	1	20	98%	Cr (VI)	19.5857	12:58
CCB 240-70771/	2.500	0.000	2.5	100	1			Cr (VI)	-0.3448	12:58
240-18735-B-12-	2.48	0	0	0.000	0.00	Slope	0.01293	Cr (VI)	0.0000	13:11
	2.55	0.007	0	0.007	0.78	Intercept	-0.00024			13:11
	2.53	0.054	0	0.054	3.95	r	0.99980			13:11
	2.46	0.262	0	0.262	20.33					13:11
240-18735-B-13-	2.5	0	0	0.000	0.00	Slope	0.01342	Cr (VI)	0.0000	13:11
	2.51	0.009	0	0.009	0.80	Intercept	-0.00416			13:12
	2.52	0.041	0	0.041	3.97	r	0.99905			13:12
	2.48	0.268	0	0.268	20.16					13:12
CCV 240-70771/	2.500	0.29	2.5	100.000	1	20	97%	Cr (VI)	19.3817	13:12
CCB 240-70771/	2.500	0	2.5	100.000	1			Cr (VI)	-0.3448	13:12
240-18735-C-14-	2.45	0	0	0.000	0.00	Slope	0.00800	Cr (VI)	0.0000	13:14
	2.48	0.008	0	0.008	0.81	Intercept	0.00123			13:14
	2.53	0.034	0	0.034	3.95	r	0.99991			13:14
	2.47	0.163	0	0.163	20.24					13:14
240-18735-C-14-	2.52	0	0	0.000	0.00	Slope	0.01023	Cr (VI)	0.0000	13:15
	2.5	0.006	0	0.006	0.80	Intercept	-0.00276			13:15
	2.5	0.034	0	0.034	4.00	r	0.99952			13:15
	2.52	0.201	0	0.201	19.84					13:15
CCV 240-70771/	2.500	0.29	2.5	100.000	1	20	97%	Cr (VI)	19.3817	13:15
CCB 240-70771/	2.500	0.000	2.5	100.000	1			Cr (VI)	-0.3448	13:15
240-18735-B-15-	2.5	0.007	0	0.007	0.00	Slope	0.00931	Cr (VI)	0.2773	13:17
	2.51	0.013	0	0.013	0.80	Intercept	0.00258			13:18
	2.48	0.031	0	0.031	4.03	r	0.99753			13:18

	2.48	0.192	0	0.192	20.16					13:18
240-18735-B-16-	2.48	0	0	0.000	0.00	Slope	0.00923	Cr (VI)	0.0000	13:18
	2.48	0.013	0	0.013	0.81	Intercept	0.00009			13:18
	2.54	0.03	0	0.030	3.94	r	0.99838			13:19
	2.51	0.185	0	0.185	19.92					13:19
CCV 240-70771/	2.500	0.289	2.5	100.000	1	20	97%	Cr (VI)	19.3137	13:19
CCB 240-70771/	2.500	0.000	2.5	100.000	1			Cr (VI)	-0.3448	13:19
240-18735-B-17-	2.52	0	0	0.000	0.00	Slope	0.00596	Cr (VI)	0.0000	13:26
	2.52	0.004	0	0.004	0.79	Intercept	-0.00073			13:26
	2.52	0.022	0	0.022	3.97	r	0.99993			13:26
	2.45	0.121	0	0.121	20.41					13:26
240-18735-B-18-	2.55	0	0	0.000	0.00	Slope	0.01019	Cr (VI)	0.0000	13:30
	2.46	0.003	0	0.003	0.81	Intercept	-0.00515			13:30
	2.46	0.03	0	0.030	4.07	r	0.99876			13:30
	2.5	0.2	0	0.200	20.00					13:31
CCV 240-70771/	2.500	0.285	2.5	100.000	1	20	95%	Cr (VI)	19.0416	13:31
CCB 240-70771/	2.500	0	2.5	100.000	1			Cr (VI)	-0.3448	13:31
240-18735-B-19-	2.49	0.002	0	0.002	0.00	Slope	0.00712	Cr (VI)	0.0000	13:33
	2.54	0.006	0	0.006	0.79	Intercept	-0.00038			13:34
	2.52	0.024	0	0.024	3.97	r	0.99919			13:34
	2.48	0.144	0	0.144	20.16					13:34
240-18735-B-20-	2.47	0.002	0	0.002	0.00	Slope	0.00743	Cr (VI)	0.0627	13:34
	2.53	0.005	0	0.005	0.79	Intercept	0.00047			13:35
	2.49	0.03	0	0.030	4.02	r	0.99986			13:35
	2.47	0.151	0	0.151	20.24					13:35
CCV 240-70771/	2.500	0.285	2.5	100.000	1	20	95%	Cr (VI)	19.0416	13:35
CCB 240-70771/	2.500	0	2.5	100.000	1			Cr (VI)	-0.3448	13:35
240-18735-B-21-	2.48	0	0	0.000	0.00	Slope	0.01057	Cr (VI)	0.0000	13:37
	2.55	0.013	0	0.013	0.78	Intercept	-0.00038			13:37
	2.52	0.035	0	0.035	3.97	r	0.99882			13:37
	2.49	0.213	0	0.213	20.08					13:38
240-18735-B-22-	2.52	0.004	0	0.004	0.00	Slope	0.01124	Cr (VI)	0.3201	13:38
	2.48	0.012	0	0.012	0.81	Intercept	0.00360			13:38
	2.49	0.049	0	0.049	4.02	r	0.99999			13:38
	2.47	0.231	0	0.231	20.24					13:38
CCV 240-70771/	2.500	0.301	2.5	100.000	1	20	101%	Cr (VI)	20.1299	13:38
CCB 240-70771/	2.500	0	2.5	100.000	1			Cr (VI)	-0.3448	13:38
240-18735-B-23-	2.55	0.002	0	0.002	0.00	Slope	0.00708	Cr (VI)	0.3233	13:43

	2.49	0.005	0	0.005	0.80	Intercept	0.00229			13:43
	2.46	0.035	0	0.035	4.07	r	0.99904			13:43
	2.52	0.142	0	0.142	19.84					13:43
240-18735-B-24-	2.55	0.003	0	0.003	0.00	Slope	0.01347	Cr (VI)	0.0000	13:43
	2.48	0.014	0	0.014	0.81	Intercept	-0.00011			13:44
	2.5	0.046	0	0.046	4.00	r	0.99917			13:44
	2.46	0.275	0	0.275	20.33					13:44
CCV 240-70771/	2.500	0.299	2.5	100.000	1	20	100%	Cr (VI)	19.9939	13:44
CCB 240-70771/	2.500	0	2.5	100.000	1			Cr (VI)	-0.3448	13:44
240-18735-B-25-	2.45	0.004	0.002	0.002	0.00	Slope	0.01297	Cr (VI)	0.0000	13:47
	2.53	0.009	0	0.009	0.79	Intercept	-0.00113			13:47
	2.55	0.046	0	0.046	3.92	r	0.99972			13:48
	2.53	0.26	0.004	0.256	19.76					13:48
240-19201-B-1-F	2.55	0.011	0.014	-0.003	0.00	Slope	-0.00029	Cr (VI)	0.0000	13:48
	2.48	0.009	0.007	0.002	0.81	Intercept	0.00206			13:48
	2.5	0.013	0.006	0.007	4.00	r	-0.50463			13:48
	2.54	0.006	0.011	-0.005	19.69					13:49
CCV 240-70771/	2.500	0.299	2.5	100.000	1	20	100%	Cr (VI)	19.9939	13:49
CCB 240-70771/	2.500	0.000	2.5	100.000	1			Cr (VI)	-0.3448	13:49
240-19201-B-1-F	2.500	0	2.500	100.000	1			Cr (VI)	-0.3448	13:49
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
	2.500			100.000	1			Cr (VI)	0.0000	
CCV 240-70771/	2.500	0.299	2.5	100.000	1	20	100%	Cr (VI)	19.9939	13:50
CCB 240-70771/	2.500	0.000	2.5	100.000	1			Cr (VI)	-0.3448	13:50

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 70771 Batch Start Date: 12/31/12 13:31 Batch Analyst: Nicholas, Courtney

Batch Method: 3060A Batch End Date: 01/02/13 09:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WCCHROME50PM2 00010	WCCHROME50PPM 00009	WCPBCHROMATE 00004	
ICV 240-70771/7		3060A, 7196A		2.5 g	100 mL	1 mL			
ICB 240-70771/8		3060A, 7196A		2.5 g	100 mL				
MB 240-70771/9		3060A, 7196A		2.5 g	100 mL				
LCSS 240-70771/10		3060A, 7196A		2.5 g	100 mL	1 mL			
LCSI 240-70771/11		3060A, 7196A		2.5 g	100 mL			0.01 g	
CCV 240-70771/12		3060A, 7196A		2.5 g	100 mL		1 mL		
CCB 240-70771/13		3060A, 7196A		2.5 g	100 mL				
240-18735-B-8	076SB-0119-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-9	076SB-0120-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-10	076SB-0121-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-11	076SB-0122-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-12	076SB-0123-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-13	076SB-0124-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-C-14 DU	076SB-0125-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-C-14	076SB-0125-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-15	076SB-0126-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-16	076SB-0127-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-17	076SB-0128-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-18	076SB-0129-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-19	076SB-0130-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-20	076SB-0131-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-21	076SB-0132-0001-SO	3060A, 7196A	T	2.5 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 70771 Batch Start Date: 12/31/12 13:31 Batch Analyst: Nicholas, Courtney

Batch Method: 3060A Batch End Date: 01/02/13 09:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WCCHROME50PM2 00010	WCCHROME50PPM 00009	WCPBCHROMATE 00004	
240-18735-B-22	076SB-0133-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-23	076SB-0134-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-24	076SB-0135-0001-SO	3060A, 7196A	T	2.5 g	100 mL				
240-18735-B-25	076SB-0136-0001-SO	3060A, 7196A	T	2.5 g	100 mL				

Batch Notes	
Alkaline Digestion Solution Reagent ID	811011
Batch Comment	Sand: 398740 Filters: FC004944
First End time	8:25
Potassium Phosphate Buffer Reagent ID	811027
Lead Chromate Lot #	358971
Magnesium Chloride Lot Number	575381
Pipette ID	377822
First Start time	7:25
Ending Temperature	95 Celsius
Starting Temperature	95 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 70884 Batch Start Date: 01/02/13 12:45 Batch Analyst: Grossman, Lucas

Batch Method: 7196A Batch End Date: 01/02/13 13:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg					
ICV 240-70771/7-A		7196A		Color Resp. is Blank					
ICB 240-70771/8-A		7196A		Color Resp. is Blank					
MB 240-70771/9-A		7196A		Color Resp. is Blank					
LCSS 240-70771/10-A		7196A		Color Resp. is Blank					
LCSI 240-70771/11-A		7196A		Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-8-A	076SB-0119-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-9-A	076SB-0120-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-10-A	076SB-0121-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-11-A	076SB-0122-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-12-A	076SB-0123-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-13-A	076SB-0124-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-C-14-A DU	076SB-0125-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-C-14-B	076SB-0125-0001-SO	7196A	T	Color Resp. is Blank					

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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 70884 Batch Start Date: 01/02/13 12:45 Batch Analyst: Grossman, Lucas

Batch Method: 7196A Batch End Date: 01/02/13 13:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-15-A	076SB-0126-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-16-A	076SB-0127-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-17-A	076SB-0128-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-18-A	076SB-0129-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-19-A	076SB-0130-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-20-A	076SB-0131-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-21-A	076SB-0132-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-22-A	076SB-0133-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-23-A	076SB-0134-0001-SO	7196A	T	Color Resp. is Blank					
240-18735-B-24-A	076SB-0135-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 70884 Batch Start Date: 01/02/13 12:45 Batch Analyst: Grossman, Lucas

Batch Method: 7196A Batch End Date: 01/02/13 13:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					
240-18735-B-25-A	076SB-0136-0001-SO	7196A	T	Color Resp. is Blank					
CCV 240-70771/12-A		7196A		Color Resp. is Blank					
CCB 240-70771/13-A		7196A		Color Resp. is Blank					

Batch Notes	
Batch Comment	Filters: 781315
Spectrophotometer Cell Path Length	1 cm
Color Reagent ID Number	801715
Sulfuric Acid Reagent ID Number	759713

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 68573 Batch Start Date: 12/13/12 12:13 Batch Analyst: Harshman, Tom

Batch Method: Moisture Batch End Date: 12/14/12 10:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-18735-J-1 DU	070SB-0042M-0001-SO	Moisture	T	4.3988 g	12.7211 g	11.6429 g			
240-18735-K-1	070SB-0042M-0001-SO	Moisture	T	4.3988 g	13.7777 g	12.3650 g			
240-18735-A-9	076SB-0120-0001-SO	Moisture	T	4.3988 g	15.6495 g	14.2425 g			
240-18735-A-10	076SB-0121-0001-SO	Moisture	T	4.3988 g	16.6661 g	15.3085 g			
240-18735-A-11	076SB-0122-0001-SO	Moisture	T	4.3988 g	16.9639 g	15.0720 g			
240-18735-A-12	076SB-0123-0001-SO	Moisture	T	4.3988 g	17.5878 g	15.8101 g			
240-18735-A-13	076SB-0124-0001-SO	Moisture	T	4.3988 g	18.6138 g	16.6990 g			
240-18735-A-15	076SB-0126-0001-SO	Moisture	T	4.3988 g	14.1397 g	13.1968 g			
240-18735-A-16	076SB-0127-0001-SO	Moisture	T	4.3988 g	13.5423 g	12.6166 g			
240-18735-A-14 DU	076SB-0125-0001-SO	Moisture	T	4.3988 g	18.1588 g	17.1309 g			
240-18735-B-14	076SB-0125-0001-SO	Moisture	T	4.3988 g	13.1158 g	12.3597 g			
240-18735-A-17	076SB-0128-0001-SO	Moisture	T	4.3988 g	13.9930 g	13.0815 g			
240-18735-A-18	076SB-0129-0001-SO	Moisture	T	4.3988 g	16.9440 g	15.6743 g			
240-18735-A-19	076SB-0130-0001-SO	Moisture	T	4.3988 g	15.0256 g	14.1111 g			
240-18735-A-20	076SB-0131-0001-SO	Moisture	T	4.3988 g	15.0922 g	14.1880 g			
240-18735-A-21	076SB-0132-0001-SO	Moisture	T	4.3988 g	15.2933 g	13.2235 g			
240-18735-A-22	076SB-0133-0001-SO	Moisture	T	4.3988 g	17.3943 g	14.9565 g			
240-18735-A-23	076SB-0134-0001-SO	Moisture	T	4.3988 g	16.7781 g	15.3379 g			
240-18735-A-24	076SB-0135-0001-SO	Moisture	T	4.3988 g	17.6745 g	15.9239 g			
240-18735-A-25 DU	076SB-0136-0001-SO	Moisture	T	4.3988 g	9.3878 g	8.7237 g			
240-18735-A-25	076SB-0136-0001-SO	Moisture	T	4.3988 g	10.1801 g	9.4010 g			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-1

SDG No.:

Batch Number: 68573 Batch Start Date: 12/13/12 12:13 Batch Analyst: Harshman, Tom

Batch Method: Moisture Batch End Date: 12/14/12 10:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-18735-A-8	076SB-0119-0001-SO	Moisture	T	4.3988 g	15.4197 g	14.0447 g			

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	12/13/12
Oven Temp when samples are put in oven	103.5 Degrees C
Time samples were place in the oven	15:30
Date samples were removed from oven	12/14/12
Oven Temp when samples removed from oven	103.9 Degrees C
Time Samples were removed from oven	05:10
Oven ID	002
ID number of the thermometer	Tempguard Box C #6

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: ECC	Client Project Manager: A. EASTBROOK	Site Contact: J. DONOVAN	Lab Contact: M. LOEB	COC No: 050743
Address: 33 BOSTON POST RD	Telephone:	Telephone:	Telephone: REACTIVITY, CORROSIVITY, IGNITIBILITY	1 of 3 COCs
City/State/Zip: MARLBORO MA	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client: ☐ Lab pickup: ☐ Lab sampling: ☐ Job/SDG No:
Project Name:	Method of Shipment/Carrier: DEL. TO LAB			
Project Number:	Shipping/Tracking No:			

PO #			Matrix					Containers & Preservatives							Filtered Sample (Y / N)	Composite C / Grab G	Analyses										
Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4 / MeOH	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: 01			VOC (MTBE)	GRO	DRO (TAL METALS)	PEST / PCB	HERBICIDES	EXPLOSIVES	PROPELLANTS	O/G (SOLID)	SVOC (PAH)	TCLP (VOC) / TCLP (SVOC)	Sample Specific Notes / Special Instructions:
070SB-0042M-0001-SO	12-12-12	1030				X		X					X	X				X						X			
070SB-0042M-0002-SO		1030				X		X					X	X				X						X			MS/MSD
070SB-0055-0001-TB		0800		X						X				X				X									TRIP BLK
070-0056-0001-SOURCE WATER		1300		X					X	X			X				X	X	X	X	X	X	X		X		SOURCE WATER DRILLER
070-0057-0001-SOURCE WATER		1315		X					X	X			X				X	X	X	X	X	X	X		X		SOURCE WATER ECC
070-0058-0001-IDW		1330				X							X												X	X	IDW TCLP SOLID
070-0059-0001-IDW		1330		X						X	X						X									X	IDW TCLP LIQUIDS
070-0060-0001-TB	↓	0800																									TRIP BLK

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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:
ANY QUES ON TCLP ANALYSIS CALL JACKSON KIKER AT ECC

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	ECC	12-12-12 1702			12-12-12
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TAL	Date/Time: 12/12/12 1702

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: KCL	Client Project Manager: AL FASTRAM	Site Contact: J. DONOVAN	Lab Contact: MARK LOEB	COC No: 050742
Address: 33 BOSTON POST RD WEST	Telephone:	Telephone:	Telephone:	2 of 3 COCs
City/State/Zip: MARLBORO MA 01752	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below: STANDARD ☐ 5 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		☐ Walk-in client ☐ Lab picking ☐ Lab sampling
Project Name:	Method of Shipment/Carrier: DEL. TO LAB			
Project Number:	Shipping/Tracking No:			Job/SDG No.:

PO#			Matrix					Containers & Preservatives							Filtered Sample (Y / N)	Composite / Grab	Analyses											Sample Specific Notes / Special Instructions:
Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:			1,2,4 CHLOR											
07658-0119-0001-SO	12-11-12	0910				X							X				X											
07658-0120-0001-SO	↓	1120				↓							↓				↓											
07658-0121-0001-SO		1050																										
07658-0122-0001-SO		0930																										
07658-0123-0001-SO		0950																										
07658-0124-0001-SO	↓	1015																										
07658-0125-0001-SO	12-12-12	1015																										
07658-0125-0002-SO	12-12-12	1015																										MS/MSD
07658-0126-0001-SO	12-11-12	1555																										
07658-0127-0001-SO	↓	1555				↓							↓				↓											

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:
DISCRETE SAMPLES, DO NOT DRY

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	KCL	12-12-12 1707			12-12-12
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TVA	Date/Time: 12/12/12 1707

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: ECC	Client Project Manager: AL BASTIAN	Site Contact: J. DONOVAN	Lab Contact: MARK LOHR	COC No: 049454
Address: 33 BOSTON POST ROAD W#4	Telephone:	Telephone:	Telephone:	3 of 3 COCs
City/State/Zip: MARLBORO MA	Email:	Analysis Turnaround Time (calendar days)	Analyses	For lab use only
Phone:		TAT if different from below: STANDARD		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name:	Method of Shipment/Carrier: DEL. TO LAB	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Job/SDG No.:
Project Number:	Shipping/Tracking No:			
PO #				

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)	Composites / Grabs	Analyses: HEX. CHROM	Sample Specific Notes / Special Instructions:
0765B-0128-0001-SO	12-11-12	1520				X											X	
0765B-0129-0001-SO	↓	1450																
0765B-0130-0001-SO	12-12-12	1049																
0765B-0131-0001-SO	↓	1124																
0765B-0132-0001-SO	12-11-12	1225																
0765B-0133-0001-SO		1225																
0765B-0134-0001-SO		1315																
0765B-0135-0001-SO		1340																
0765B-0136-0001-SO	↓	1410				↓											↓	

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:
DISCRETE, DO NOT OAK

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ECC	12-12-12 1707			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TAL	12/12/12 1707

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TestAmerica Canton Sample Receipt Form/Narrative Login # : 18735

Client ECC Site Name _____ By: _____

Cooler Received on 12-12-12 Opened on 12-12-12 (Signature)

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# 1	(CF –2 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	☐ Multiple on Back
IR GUN# 4G	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 5G	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 8	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity_____	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)? CSL 12/12/12	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
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 MJL Date 12/12/12 by CSL via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

58-0001-FOW recvd soil and water, but did not get 59-0001-FOW will log 58 water ~~in place of~~ as 59. Will log per COC.

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 Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)?

Client ID	pH	Date	Initials
56	12	12/12/12	CSL
57	12	1	1

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant
TA Nott	4.2	4.2	46	Ice
Client	3.8	3.8	1	1
1	4.6	4.6		
	4.0	4.0		