Appendix H
Test America Groundwater Analytical Results Data Package

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

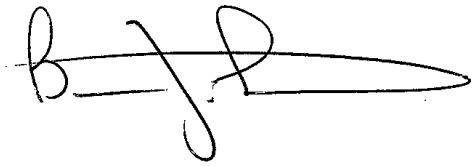
ANALYTICAL REPORT

Job Number: 480-93079-1

Job Description: Highland Plaza Project

For:
Environmental & Geologic Management Serv
15 Briar Hill Road
Orchard Park, NY 14127

Attention: Mr. Norm Wohlabaugh



Approved for release.
Brian J Fischer
Manager of Project Management
2/16/2016 4:15 PM

Brian J Fischer, Manager of Project Management
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02/16/2016

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

TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

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Receipt
The samples were received on 12/22/2015 11:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-93079-5) and MW-5 (480-93079-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-5 (480-93079-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-93079-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-93079-1	MW-1	Water	12/22/15 08:38	12/22/15 11:30
480-93079-2	MW-2	Water	12/22/15 09:08	12/22/15 11:30
480-93079-3	DUP @ MW-2	Water	12/22/15 09:09	12/22/15 11:30
480-93079-4	MW-3	Water	12/22/15 09:36	12/22/15 11:30
480-93079-5	MW-4	Water	12/22/15 10:06	12/22/15 11:30
480-93079-6	MW-5	Water	12/22/15 10:40	12/22/15 11:30

Detection Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

Client Sample ID: MW-1 — Lab Sample ID: 480-93079-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.4	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 480-93079-2

No Detections.

Client Sample ID: DUP @ MW-2 — Lab Sample ID: 480-93079-3

No Detections.

Client Sample ID: MW-3 — Lab Sample ID: 480-93079-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.85	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 480-93079-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	10	J	20	5.8	ug/L	20		8260C	Total/NA
cis-1,2-Dichloroethene	900		20	16	ug/L	20		8260C	Total/NA
Tetrachloroethene	22000	E	20	7.2	ug/L	20		8260C	Total/NA
Trichloroethene	740		20	9.2	ug/L	20		8260C	Total/NA
Tetrachloroethene - DL	58000		1000	360	ug/L	1000		8260C	Total/NA
Trichloroethene - DL	560	J	1000	460	ug/L	1000		8260C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 480-93079-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1100		20	16	ug/L	20		8260C	Total/NA
Tetrachloroethene	3200	E	20	7.2	ug/L	20		8260C	Total/NA
trans-1,2-Dichloroethene	34		20	18	ug/L	20		8260C	Total/NA
Trichloroethene	1700		20	9.2	ug/L	20		8260C	Total/NA
cis-1,2-Dichloroethene - DL	910		50	41	ug/L	50		8260C	Total/NA
Tetrachloroethene - DL	3000		50	18	ug/L	50		8260C	Total/NA
Trichloroethene - DL	1500		50	23	ug/L	50		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client Sample ID: MW-1
Lab Sample ID: 480-93079-1

Date Collected: 12/22/15 08:38
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 05:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 05:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 05:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 05:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 05:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 05:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 05:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 05:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 05:37	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 05:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 05:37	1
Acetone	**5.4**	**J**	10	3.0	ug/L			01/05/16 05:37	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 05:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 05:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 05:37	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 05:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 05:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 05:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 05:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 05:37	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 05:37	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 05:37	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 05:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 05:37	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 05:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 05:37	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 05:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 05:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 05:37	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*60 - 140*		*01/05/16 05:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*01/05/16 05:37*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/05/16 05:37*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*01/05/16 05:37*	*1*

Client Sample ID: MW-2
Lab Sample ID: 480-93079-2

Date Collected: 12/22/15 09:08
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 06:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 06:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 06:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 06:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 06:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 06:04	1

Client Sample ID: MW-2
Lab Sample ID: 480-93079-2

Date Collected: 12/22/15 09:08
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 06:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 06:04	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 06:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 06:04	1
Acetone	ND		10	3.0	ug/L			01/05/16 06:04	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 06:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 06:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 06:04	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 06:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 06:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 06:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 06:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 06:04	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 06:04	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 06:04	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 06:04	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 06:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 06:04	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 06:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 06:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 06:04	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*60 - 140*		*01/05/16 06:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*01/05/16 06:04*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/05/16 06:04*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*01/05/16 06:04*	*1*

Client Sample ID: DUP @ MW-2
Lab Sample ID: 480-93079-3

Date Collected: 12/22/15 09:09
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 06:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 06:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 06:31	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 06:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 06:31	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 06:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 06:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 06:31	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 06:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 06:31	1
Acetone	ND		10	3.0	ug/L			01/05/16 06:31	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 06:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 06:31	1

Client Sample ID: DUP @ MW-2
Lab Sample ID: 480-93079-3
Date Collected: 12/22/15 09:09
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 06:31	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 06:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 06:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 06:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 06:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 06:31	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 06:31	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 06:31	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 06:31	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 06:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 06:31	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 06:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 06:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 06:31	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*60 - 140*		*01/05/16 06:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*01/05/16 06:31*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*01/05/16 06:31*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*01/05/16 06:31*	*1*

Client Sample ID: MW-3
Lab Sample ID: 480-93079-4
Date Collected: 12/22/15 09:36
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 06:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 06:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 06:58	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 06:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 06:58	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 06:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 06:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 06:58	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 06:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 06:58	1
Acetone	ND		10	3.0	ug/L			01/05/16 06:58	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 06:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 06:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 06:58	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 06:58	1
cis-1,2-Dichloroethene	**24**		1.0	0.81	ug/L			01/05/16 06:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 06:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 06:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 06:58	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 06:58	1

Client Sample ID: MW-3
Lab Sample ID: 480-93079-4
Date Collected: 12/22/15 09:36
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 06:58	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 06:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 06:58	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 06:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 06:58	1
Trichloroethene	**0.85**	**J**	1.0	0.46	ug/L			01/05/16 06:58	1
Vinyl chloride	ND	F2	1.0	0.90	ug/L			01/05/16 06:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 06:58	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*60 - 140*		*01/05/16 06:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*01/05/16 06:58*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*01/05/16 06:58*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*01/05/16 06:58*	*1*

Client Sample ID: MW-4
Lab Sample ID: 480-93079-5
Date Collected: 12/22/15 10:06
Matrix: Water
Date Received: 12/22/15 11:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/04/16 20:00	20
1,1-Dichloroethane	ND		20	7.6	ug/L			01/04/16 20:00	20
1,1-Dichloroethene	**10**	**J**	20	5.8	ug/L			01/04/16 20:00	20
1,2,4-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:00	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/04/16 20:00	20
1,3,5-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:00	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/04/16 20:00	20
1,4-Dioxane	ND		800	190	ug/L			01/04/16 20:00	20
2-Butanone (MEK)	ND		200	26	ug/L			01/04/16 20:00	20
Acetone	ND		200	60	ug/L			01/04/16 20:00	20
Benzene	ND		20	8.2	ug/L			01/04/16 20:00	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/04/16 20:00	20
Chlorobenzene	ND		20	15	ug/L			01/04/16 20:00	20
Chloroform	ND		20	6.8	ug/L			01/04/16 20:00	20
cis-1,2-Dichloroethene	**900**		20	16	ug/L			01/04/16 20:00	20
Ethylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/04/16 20:00	20
Methylene Chloride	ND		20	8.8	ug/L			01/04/16 20:00	20
n-Butylbenzene	ND		20	13	ug/L			01/04/16 20:00	20
N-Propylbenzene	ND		20	14	ug/L			01/04/16 20:00	20
sec-Butylbenzene	ND		20	15	ug/L			01/04/16 20:00	20
Tetrachloroethene	**22000**	**E**	20	7.2	ug/L			01/04/16 20:00	20
Toluene	ND		20	10	ug/L			01/04/16 20:00	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			01/04/16 20:00	20
Trichloroethene	**740**		20	9.2	ug/L			01/04/16 20:00	20
Vinyl chloride	ND		20	18	ug/L			01/04/16 20:00	20

Client Sample ID: MW-4
Date Collected: 12/22/15 10:06
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		40	13	ug/L			01/04/16 20:00	20
tert-Butylbenzene	ND		20	16	ug/L			01/04/16 20:00	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*01/04/16 20:00*	*20*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*01/04/16 20:00*	*20*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*01/04/16 20:00*	*20*
Toluene-d8 (Surr)	*99*		*71 - 126*		*01/04/16 20:00*	*20*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	820	ug/L			01/05/16 15:24	1000
1,1-Dichloroethane	ND		1000	380	ug/L			01/05/16 15:24	1000
1,1-Dichloroethene	ND		1000	290	ug/L			01/05/16 15:24	1000
1,2,4-Trimethylbenzene	ND		1000	750	ug/L			01/05/16 15:24	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			01/05/16 15:24	1000
1,2-Dichloroethane	ND		1000	210	ug/L			01/05/16 15:24	1000
1,3,5-Trimethylbenzene	ND		1000	770	ug/L			01/05/16 15:24	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			01/05/16 15:24	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			01/05/16 15:24	1000
1,4-Dioxane	ND		40000	9300	ug/L			01/05/16 15:24	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			01/05/16 15:24	1000
Acetone	ND		10000	3000	ug/L			01/05/16 15:24	1000
Benzene	ND		1000	410	ug/L			01/05/16 15:24	1000
Carbon tetrachloride	ND		1000	270	ug/L			01/05/16 15:24	1000
Chlorobenzene	ND		1000	750	ug/L			01/05/16 15:24	1000
Chloroform	ND		1000	340	ug/L			01/05/16 15:24	1000
cis-1,2-Dichloroethene	ND		1000	810	ug/L			01/05/16 15:24	1000
Ethylbenzene	ND		1000	740	ug/L			01/05/16 15:24	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			01/05/16 15:24	1000
Methylene Chloride	ND		1000	440	ug/L			01/05/16 15:24	1000
n-Butylbenzene	ND		1000	640	ug/L			01/05/16 15:24	1000
N-Propylbenzene	ND		1000	690	ug/L			01/05/16 15:24	1000
sec-Butylbenzene	ND		1000	750	ug/L			01/05/16 15:24	1000
Tetrachloroethene	**58000**		1000	360	ug/L			01/05/16 15:24	1000
Toluene	ND		1000	510	ug/L			01/05/16 15:24	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			01/05/16 15:24	1000
Trichloroethene	**560**	**J**	1000	460	ug/L			01/05/16 15:24	1000
Vinyl chloride	ND		1000	900	ug/L			01/05/16 15:24	1000
Xylenes, Total	ND		2000	660	ug/L			01/05/16 15:24	1000
tert-Butylbenzene	ND		1000	810	ug/L			01/05/16 15:24	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*60 - 140*		*01/05/16 15:24*	*1000*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*01/05/16 15:24*	*1000*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/05/16 15:24*	*1000*
Toluene-d8 (Surr)	*100*		*71 - 126*		*01/05/16 15:24*	*1000*

Client Sample ID: MW-5
Date Collected: 12/22/15 10:40
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			01/04/16 20:27	20
1,1-Dichloroethane	ND		20	7.6	ug/L			01/04/16 20:27	20
1,1-Dichloroethene	ND		20	5.8	ug/L			01/04/16 20:27	20
1,2,4-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
1,2-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:27	20
1,2-Dichloroethane	ND		20	4.2	ug/L			01/04/16 20:27	20
1,3,5-Trimethylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
1,3-Dichlorobenzene	ND		20	16	ug/L			01/04/16 20:27	20
1,4-Dichlorobenzene	ND		20	17	ug/L			01/04/16 20:27	20
1,4-Dioxane	ND		800	190	ug/L			01/04/16 20:27	20
2-Butanone (MEK)	ND		200	26	ug/L			01/04/16 20:27	20
Acetone	ND		200	60	ug/L			01/04/16 20:27	20
Benzene	ND		20	8.2	ug/L			01/04/16 20:27	20
Carbon tetrachloride	ND		20	5.4	ug/L			01/04/16 20:27	20
Chlorobenzene	ND		20	15	ug/L			01/04/16 20:27	20
Chloroform	ND		20	6.8	ug/L			01/04/16 20:27	20
cis-1,2-Dichloroethene	**1100**		20	16	ug/L			01/04/16 20:27	20
Ethylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			01/04/16 20:27	20
Methylene Chloride	ND		20	8.8	ug/L			01/04/16 20:27	20
n-Butylbenzene	ND		20	13	ug/L			01/04/16 20:27	20
N-Propylbenzene	ND		20	14	ug/L			01/04/16 20:27	20
sec-Butylbenzene	ND		20	15	ug/L			01/04/16 20:27	20
Tetrachloroethene	**3200**	**E**	20	7.2	ug/L			01/04/16 20:27	20
Toluene	ND		20	10	ug/L			01/04/16 20:27	20
trans-1,2-Dichloroethene	**34**		20	18	ug/L			01/04/16 20:27	20
Trichloroethene	**1700**		20	9.2	ug/L			01/04/16 20:27	20
Vinyl chloride	ND		20	18	ug/L			01/04/16 20:27	20
Xylenes, Total	ND		40	13	ug/L			01/04/16 20:27	20
tert-Butylbenzene	ND		20	16	ug/L			01/04/16 20:27	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*60 - 140*		*01/04/16 20:27*	*20*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*01/04/16 20:27*	*20*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*01/04/16 20:27*	*20*
Toluene-d8 (Surr)	*102*		*71 - 126*		*01/04/16 20:27*	*20*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			01/05/16 07:52	50
1,1-Dichloroethane	ND		50	19	ug/L			01/05/16 07:52	50
1,1-Dichloroethene	ND		50	15	ug/L			01/05/16 07:52	50
1,2,4-Trimethylbenzene	ND		50	38	ug/L			01/05/16 07:52	50
1,2-Dichlorobenzene	ND		50	40	ug/L			01/05/16 07:52	50
1,2-Dichloroethane	ND		50	11	ug/L			01/05/16 07:52	50
1,3,5-Trimethylbenzene	ND		50	39	ug/L			01/05/16 07:52	50
1,3-Dichlorobenzene	ND		50	39	ug/L			01/05/16 07:52	50
1,4-Dichlorobenzene	ND		50	42	ug/L			01/05/16 07:52	50
1,4-Dioxane	ND		2000	470	ug/L			01/05/16 07:52	50
2-Butanone (MEK)	ND		500	66	ug/L			01/05/16 07:52	50

Client Sample ID: MW-5
Date Collected: 12/22/15 10:40
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		500	150	ug/L			01/05/16 07:52	50
Benzene	ND		50	21	ug/L			01/05/16 07:52	50
Carbon tetrachloride	ND		50	14	ug/L			01/05/16 07:52	50
Chlorobenzene	ND		50	38	ug/L			01/05/16 07:52	50
Chloroform	ND		50	17	ug/L			01/05/16 07:52	50
cis-1,2-Dichloroethene	**910**		50	41	ug/L			01/05/16 07:52	50
Ethylbenzene	ND		50	37	ug/L			01/05/16 07:52	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			01/05/16 07:52	50
Methylene Chloride	ND		50	22	ug/L			01/05/16 07:52	50
n-Butylbenzene	ND		50	32	ug/L			01/05/16 07:52	50
N-Propylbenzene	ND		50	35	ug/L			01/05/16 07:52	50
sec-Butylbenzene	ND		50	38	ug/L			01/05/16 07:52	50
Tetrachloroethene	**3000**		50	18	ug/L			01/05/16 07:52	50
Toluene	ND		50	26	ug/L			01/05/16 07:52	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			01/05/16 07:52	50
Trichloroethene	**1500**		50	23	ug/L			01/05/16 07:52	50
Vinyl chloride	ND		50	45	ug/L			01/05/16 07:52	50
Xylenes, Total	ND		100	33	ug/L			01/05/16 07:52	50
tert-Butylbenzene	ND		50	41	ug/L			01/05/16 07:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*01/05/16 07:52*	*50*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*01/05/16 07:52*	*50*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*01/05/16 07:52*	*50*
Toluene-d8 (Surr)	*98*		*71 - 126*		*01/05/16 07:52*	*50*

Surrogate Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DBFM (60-140)	12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-93079-1	MW-1	115	115	90	99
480-93079-2	MW-2	115	118	90	101
480-93079-3	DUP @ MW-2	112	115	89	100
480-93079-4	MW-3	118	113	91	102
480-93079-4 MS	MW-3	113	112	97	100
480-93079-4 MSD	MW-3	114	113	95	101
480-93079-5	MW-4	117	118	87	99
480-93079-5 - DL	MW-4	115	113	90	100
480-93079-6	MW-5	116	113	91	102
480-93079-6 - DL	MW-5	117	118	89	98
LCS 480-282137/5	Lab Control Sample	111	109	97	100
LCS 480-282244/4	Lab Control Sample	116	113	97	101
LCS 480-282302/5	Lab Control Sample	112	110	100	101
MB 480-282137/7	Method Blank	114	113	92	100
MB 480-282244/6	Method Blank	118	112	93	101
MB 480-282302/7	Method Blank	112	112	90	100

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-282137/7
Matrix: Water
Analysis Batch: 282137

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/04/16 12:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/04/16 12:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/04/16 12:14	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/04/16 12:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/04/16 12:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/04/16 12:14	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/04/16 12:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/04/16 12:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/04/16 12:14	1
1,4-Dioxane	ND		40	9.3	ug/L			01/04/16 12:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/04/16 12:14	1
Acetone	ND		10	3.0	ug/L			01/04/16 12:14	1
Benzene	ND		1.0	0.41	ug/L			01/04/16 12:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/04/16 12:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/04/16 12:14	1
Chloroform	ND		1.0	0.34	ug/L			01/04/16 12:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/04/16 12:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/04/16 12:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/04/16 12:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/04/16 12:14	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/04/16 12:14	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/04/16 12:14	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/04/16 12:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/04/16 12:14	1
Toluene	ND		1.0	0.51	ug/L			01/04/16 12:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/04/16 12:14	1
Trichloroethene	ND		1.0	0.46	ug/L			01/04/16 12:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/04/16 12:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/04/16 12:14	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/04/16 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*60 - 140*		*01/04/16 12:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*01/04/16 12:14*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*01/04/16 12:14*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*01/04/16 12:14*	*1*

Lab Sample ID: LCS 480-282137/5
Matrix: Water
Analysis Batch: 282137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.4		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	21.0		ug/L		84	58 - 121
1,2,4-Trimethylbenzene	25.0	23.9		ug/L		96	76 - 121
1,2-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 124
Benzene	25.0	22.0		ug/L		88	71 - 124
Chlorobenzene	25.0	23.6		ug/L		94	72 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-282137/5
Matrix: Water
Analysis Batch: 282137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
Ethylbenzene	25.0	22.2		ug/L		89	77 - 123
Methyl tert-butyl ether	25.0	22.2		ug/L		89	64 - 127
Tetrachloroethene	25.0	21.5		ug/L		86	74 - 122
Toluene	25.0	22.2		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	22.5		ug/L		90	73 - 127
Trichloroethene	25.0	24.6		ug/L		98	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*60 - 140*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 480-282244/6
Matrix: Water
Analysis Batch: 282244

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 00:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 00:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 00:41	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 00:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 00:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 00:41	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 00:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 00:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 00:41	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 00:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 00:41	1
Acetone	ND		10	3.0	ug/L			01/05/16 00:41	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 00:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 00:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 00:41	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 00:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 00:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 00:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 00:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 00:41	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 00:41	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 00:41	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 00:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 00:41	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 00:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 00:41	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 00:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 00:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 00:41	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-282244/6
Matrix: Water
Analysis Batch: 282244

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 00:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*60 - 140*		*01/05/16 00:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*01/05/16 00:41*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*01/05/16 00:41*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*01/05/16 00:41*	*1*

Lab Sample ID: LCS 480-282244/4
Matrix: Water
Analysis Batch: 282244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.4		ug/L		94	71 - 129
1,1-Dichloroethene	25.0	21.4		ug/L		86	58 - 121
1,2,4-Trimethylbenzene	25.0	23.7		ug/L		95	76 - 121
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
Benzene	25.0	23.1		ug/L		93	71 - 124
Chlorobenzene	25.0	23.5		ug/L		94	72 - 120
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124
Ethylbenzene	25.0	21.9		ug/L		88	77 - 123
Methyl tert-butyl ether	25.0	22.7		ug/L		91	64 - 127
Tetrachloroethene	25.0	21.3		ug/L		85	74 - 122
Toluene	25.0	22.1		ug/L		88	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127
Trichloroethene	25.0	24.2		ug/L		97	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*116*		*60 - 140*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 480-93079-4 MS
Matrix: Water
Analysis Batch: 282244

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		25.0	24.8		ug/L		99	71 - 129
1,1-Dichloroethene	ND		25.0	24.2		ug/L		97	58 - 121
1,2,4-Trimethylbenzene	ND		25.0	26.2		ug/L		105	76 - 121
1,2-Dichlorobenzene	ND		25.0	25.9		ug/L		104	80 - 124
Benzene	ND		25.0	25.2		ug/L		101	71 - 124
Chlorobenzene	ND		25.0	26.6		ug/L		106	72 - 120
cis-1,2-Dichloroethene	24		25.0	48.8		ug/L		101	74 - 124
Ethylbenzene	ND		25.0	24.7		ug/L		99	77 - 123
Methyl tert-butyl ether	ND		25.0	23.1		ug/L		92	64 - 127
Tetrachloroethene	ND		25.0	25.5		ug/L		102	74 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-93079-4 MS
Matrix: Water
Analysis Batch: 282244

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	ND		25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	73 - 127
Trichloroethene	0.85	J	25.0	27.3		ug/L		106	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*113*		*60 - 140*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: 480-93079-4 MSD
Matrix: Water
Analysis Batch: 282244

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		25.0	26.6		ug/L		107	71 - 129	7	20
1,1-Dichloroethene	ND		25.0	25.4		ug/L		102	58 - 121	5	16
1,2,4-Trimethylbenzene	ND		25.0	26.8		ug/L		107	76 - 121	2	20
1,2-Dichlorobenzene	ND		25.0	26.0		ug/L		104	80 - 124	0	20
Benzene	ND		25.0	26.7		ug/L		107	71 - 124	6	13
Chlorobenzene	ND		25.0	26.5		ug/L		106	72 - 120	1	25
cis-1,2-Dichloroethene	24		25.0	50.9		ug/L		110	74 - 124	4	15
Ethylbenzene	ND		25.0	25.4		ug/L		101	77 - 123	3	15
Methyl tert-butyl ether	ND		25.0	24.1		ug/L		97	64 - 127	4	37
Tetrachloroethene	ND		25.0	25.5		ug/L		102	74 - 122	0	20
Toluene	ND		25.0	25.3		ug/L		101	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	27.1		ug/L		109	73 - 127	4	20
Trichloroethene	0.85	J	25.0	29.8		ug/L		116	74 - 123	9	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*114*		*60 - 140*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 480-282302/7
Matrix: Water
Analysis Batch: 282302

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/05/16 13:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/05/16 13:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/05/16 13:03	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/05/16 13:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/05/16 13:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/05/16 13:03	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/05/16 13:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/05/16 13:03	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-282302/7
Matrix: Water
Analysis Batch: 282302

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/05/16 13:03	1
1,4-Dioxane	ND		40	9.3	ug/L			01/05/16 13:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/05/16 13:03	1
Acetone	ND		10	3.0	ug/L			01/05/16 13:03	1
Benzene	ND		1.0	0.41	ug/L			01/05/16 13:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/05/16 13:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/05/16 13:03	1
Chloroform	ND		1.0	0.34	ug/L			01/05/16 13:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/05/16 13:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/05/16 13:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/05/16 13:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/05/16 13:03	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/05/16 13:03	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/05/16 13:03	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/05/16 13:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/05/16 13:03	1
Toluene	ND		1.0	0.51	ug/L			01/05/16 13:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/05/16 13:03	1
Trichloroethene	ND		1.0	0.46	ug/L			01/05/16 13:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/05/16 13:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/05/16 13:03	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/05/16 13:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*60 - 140*		*01/05/16 13:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*01/05/16 13:03*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/05/16 13:03*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*01/05/16 13:03*	*1*

Lab Sample ID: LCS 480-282302/5
Matrix: Water
Analysis Batch: 282302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.4		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	20.7		ug/L		83	58 - 121
1,2,4-Trimethylbenzene	25.0	23.5		ug/L		94	76 - 121
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 124
Benzene	25.0	22.6		ug/L		90	71 - 124
Chlorobenzene	25.0	23.8		ug/L		95	72 - 120
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124
Ethylbenzene	25.0	22.4		ug/L		90	77 - 123
Methyl tert-butyl ether	25.0	22.4		ug/L		89	64 - 127
Tetrachloroethene	25.0	22.3		ug/L		89	74 - 122
Toluene	25.0	22.4		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127
Trichloroethene	25.0	23.4		ug/L		94	74 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-282302/5
Matrix: Water
Analysis Batch: 282302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	112		60 - 140
1,2-Dichloroethane-d4 (Surr)	110		66 - 137
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	101		71 - 126

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

GC/MS VOA

Analysis Batch: 282137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-93079-5	MW-4	Total/NA	Water	8260C	
480-93079-6	MW-5	Total/NA	Water	8260C	
LCS 480-282137/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-282137/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 282244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-93079-1	MW-1	Total/NA	Water	8260C	
480-93079-2	MW-2	Total/NA	Water	8260C	
480-93079-3	DUP @ MW-2	Total/NA	Water	8260C	
480-93079-4	MW-3	Total/NA	Water	8260C	
480-93079-4 MS	MW-3	Total/NA	Water	8260C	
480-93079-4 MSD	MW-3	Total/NA	Water	8260C	
480-93079-6 - DL	MW-5	Total/NA	Water	8260C	
LCS 480-282244/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-282244/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 282302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-93079-5 - DL	MW-4	Total/NA	Water	8260C	
LCS 480-282302/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-282302/7	Method Blank	Total/NA	Water	8260C	

Client Sample ID: MW-1
Date Collected: 12/22/15 08:38
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	282244	01/05/16 05:37	GTG	TAL BUF

Client Sample ID: MW-2
Date Collected: 12/22/15 09:08
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	282244	01/05/16 06:04	GTG	TAL BUF

Client Sample ID: DUP @ MW-2
Date Collected: 12/22/15 09:09
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	282244	01/05/16 06:31	GTG	TAL BUF

Client Sample ID: MW-3
Date Collected: 12/22/15 09:36
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	282244	01/05/16 06:58	GTG	TAL BUF

Client Sample ID: MW-4
Date Collected: 12/22/15 10:06
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	282137	01/04/16 20:00	SWO	TAL BUF
Total/NA	Analysis	8260C	DL	1000	282302	01/05/16 15:24	SWO	TAL BUF

Client Sample ID: MW-5
Date Collected: 12/22/15 10:40
Date Received: 12/22/15 11:30

Lab Sample ID: 480-93079-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	282137	01/04/16 20:27	SWO	TAL BUF
Total/NA	Analysis	8260C	DL	50	282244	01/05/16 07:52	GTG	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Environmental & Geologic Management Serv
Project/Site: Highland Plaza Project

TestAmerica Job ID: 480-93079-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16 *

* Certification renewal pending - certification considered valid.

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624 (60) ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-1	480-93079-1	115	115	99	90
MW-2	480-93079-2	115	118	101	90
DUP @ MW-2	480-93079-3	112	115	100	89
MW-3	480-93079-4	118	113	102	91
MW-4	480-93079-5	117	118	99	87
MW-4 DL	480-93079-5 DL	115	113	100	90
MW-5	480-93079-6	116	113	102	91
MW-5 DL	480-93079-6 DL	117	118	98	89
	MB 480-282137/7	114	113	100	92
	MB 480-282244/6	118	112	101	93
	MB 480-282302/7	112	112	100	90
	LCS 480-282137/5	111	109	100	97
	LCS 480-282244/4	116	113	101	97
	LCS 480-282302/5	112	110	101	100
MW-3 MS	480-93079-4 MS	113	112	100	97
MW-3 MSD	480-93079-4 MSD	114	113	101	95

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N6242.D

Lab ID: LCS 480-282137/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	22.4	90	71-129	
1,1-Dichloroethene	25.0	21.0	84	58-121	
1,2,4-Trimethylbenzene	25.0	23.9	96	76-121	
1,2-Dichlorobenzene	25.0	23.2	93	80-124	
Benzene	25.0	22.0	88	71-124	
Chlorobenzene	25.0	23.6	94	72-120	
cis-1,2-Dichloroethene	25.0	23.3	93	74-124	
Ethylbenzene	25.0	22.2	89	77-123	
Methyl tert-butyl ether	25.0	22.2	89	64-127	
Tetrachloroethene	25.0	21.5	86	74-122	
Toluene	25.0	22.2	89	80-122	
trans-1,2-Dichloroethene	25.0	22.5	90	73-127	
Trichloroethene	25.0	24.6	98	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N6269.D

Lab ID: LCS 480-282244/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	23.4	94	71-129	
1,1-Dichloroethene	25.0	21.4	86	58-121	
1,2,4-Trimethylbenzene	25.0	23.7	95	76-121	
1,2-Dichlorobenzene	25.0	23.7	95	80-124	
Benzene	25.0	23.1	93	71-124	
Chlorobenzene	25.0	23.5	94	72-120	
cis-1,2-Dichloroethene	25.0	24.5	98	74-124	
Ethylbenzene	25.0	21.9	88	77-123	
Methyl tert-butyl ether	25.0	22.7	91	64-127	
Tetrachloroethene	25.0	21.3	85	74-122	
Toluene	25.0	22.1	88	80-122	
trans-1,2-Dichloroethene	25.0	23.7	95	73-127	
Trichloroethene	25.0	24.2	97	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N6299.D

Lab ID: LCS 480-282302/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	22.4	90	71-129	
1,1-Dichloroethene	25.0	20.7	83	58-121	
1,2,4-Trimethylbenzene	25.0	23.5	94	76-121	
1,2-Dichlorobenzene	25.0	23.5	94	80-124	
Benzene	25.0	22.6	90	71-124	
Chlorobenzene	25.0	23.8	95	72-120	
cis-1,2-Dichloroethene	25.0	23.2	93	74-124	
Ethylbenzene	25.0	22.4	90	77-123	
Methyl tert-butyl ether	25.0	22.4	89	64-127	
Tetrachloroethene	25.0	22.3	89	74-122	
Toluene	25.0	22.4	90	80-122	
trans-1,2-Dichloroethene	25.0	23.0	92	73-127	
Trichloroethene	25.0	23.4	94	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N6289.D

Lab ID: 480-93079-4 MS Client ID: MW-3 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	ND	24.8	99	71-129	
1,1-Dichloroethene	25.0	ND	24.2	97	58-121	
1,2,4-Trimethylbenzene	25.0	ND	26.2	105	76-121	
1,2-Dichlorobenzene	25.0	ND	25.9	104	80-124	
Benzene	25.0	ND	25.2	101	71-124	
Chlorobenzene	25.0	ND	26.6	106	72-120	
cis-1,2-Dichloroethene	25.0	24	48.8	101	74-124	
Ethylbenzene	25.0	ND	24.7	99	77-123	
Methyl tert-butyl ether	25.0	ND	23.1	92	64-127	
Tetrachloroethene	25.0	ND	25.5	102	74-122	
Toluene	25.0	ND	25.0	100	80-122	
trans-1,2-Dichloroethene	25.0	ND	26.1	104	73-127	
Trichloroethene	25.0	0.85 J	27.3	106	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N6290.D

Lab ID: 480-93079-4 MSD Client ID: MW-3 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	25.0	26.6	107	7	20	71-129	
1,1-Dichloroethene	25.0	25.4	102	5	16	58-121	
1,2,4-Trimethylbenzene	25.0	26.8	107	2	20	76-121	
1,2-Dichlorobenzene	25.0	26.0	104	0	20	80-124	
Benzene	25.0	26.7	107	6	13	71-124	
Chlorobenzene	25.0	26.5	106	1	25	72-120	
cis-1,2-Dichloroethene	25.0	50.9	110	4	15	74-124	
Ethylbenzene	25.0	25.4	101	3	15	77-123	
Methyl tert-butyl ether	25.0	24.1	97	4	37	64-127	
Tetrachloroethene	25.0	25.5	102	0	20	74-122	
Toluene	25.0	25.3	101	1	15	80-122	
trans-1,2-Dichloroethene	25.0	27.1	109	4	20	73-127	
Trichloroethene	25.0	29.8	116	9	16	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab File ID: N6244.D Lab Sample ID: MB 480-282137/7

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

Instrument ID: HP5973N Date Analyzed: 01/04/2016 12:14

GC Column: ZB-624 (60) ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-282137/5	N6242.D	01/04/2016 11:20
MW-4	480-93079-5	N6261.D	01/04/2016 20:00
MW-5	480-93079-6	N6262.D	01/04/2016 20:27

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab File ID: N6271.D Lab Sample ID: MB 480-282244/6

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

Instrument ID: HP5973N Date Analyzed: 01/05/2016 00:41

GC Column: ZB-624 (60) ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-282244/4	N6269.D	01/04/2016 23:46
MW-1	480-93079-1	N6282.D	01/05/2016 05:37
MW-2	480-93079-2	N6283.D	01/05/2016 06:04
DUP @ MW-2	480-93079-3	N6284.D	01/05/2016 06:31
MW-3	480-93079-4	N6285.D	01/05/2016 06:58
MW-5 DL	480-93079-6 DL	N6287.D	01/05/2016 07:52
MW-3 MS	480-93079-4 MS	N6289.D	01/05/2016 08:45
MW-3 MSD	480-93079-4 MSD	N6290.D	01/05/2016 09:12

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab File ID: N6301.D Lab Sample ID: MB 480-282302/7

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

Instrument ID: HP5973N Date Analyzed: 01/05/2016 13:03

GC Column: ZB-624 (60) ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-282302/5	N6299.D	01/05/2016 12:10
MW-4 DL	480-93079-5 DL	N6306.D	01/05/2016 15:24

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab File ID: N5881.D BFB Injection Date: 12/22/2015

Instrument ID: HP5973N BFB Injection Time: 19:39

Analysis Batch No.: 281170

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.8	
75	30.0 - 60.0 % of mass 95	48.9	
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	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	90.2	
175	5.0 - 9.0 % of mass 174	6.8	(7.6) 1
176	95.0 - 101.0 % of mass 174	89.2	(98.9) 1
177	5.0 - 9.0 % of mass 176	6.3	(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
	IC 480-281170/3	N5883.D	12/22/2015	20:31
	IC 480-281170/4	N5884.D	12/22/2015	20:58
	IC 480-281170/5	N5885.D	12/22/2015	21:24
	IC 480-281170/6	N5886.D	12/22/2015	21:51
	IC 480-281170/7	N5887.D	12/22/2015	22:18
	ICIS 480-281170/8	N5888.D	12/22/2015	22:45
	IC 480-281170/9	N5889.D	12/22/2015	23:12
	IC 480-281170/10	N5890.D	12/22/2015	23:39

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab File ID: N6239.D BFB Injection Date: 01/04/2016

Instrument ID: HP5973N BFB Injection Time: 09:41

Analysis Batch No.: 282137

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.8	
75	30.0 - 60.0 % of mass 95	49.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	86.7	
175	5.0 - 9.0 % of mass 174	7.2	(8.3) 1
176	95.0 - 101.0 % of mass 174	84.2	(97.1) 1
177	5.0 - 9.0 % of mass 176	4.4	(5.3) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-282137/3	N6240.D	01/04/2016	10:07
	LCS 480-282137/5	N6242.D	01/04/2016	11:20
	MB 480-282137/7	N6244.D	01/04/2016	12:14
MW-4	480-93079-5	N6261.D	01/04/2016	20:00
MW-5	480-93079-6	N6262.D	01/04/2016	20:27

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab File ID: N6265.D BFB Injection Date: 01/04/2016

Instrument ID: HP5973N BFB Injection Time: 21:48

Analysis Batch No.: 282244

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.0	
75	30.0 - 60.0 % of mass 95	49.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	84.9	
175	5.0 - 9.0 % of mass 174	6.4	(7.6) 1
176	95.0 - 101.0 % of mass 174	82.2	(96.8) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.5) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-282244/2	N6266.D	01/04/2016	22:13
	CCV 480-282244/3	N6267.D	01/04/2016	22:40
	LCS 480-282244/4	N6269.D	01/04/2016	23:46
	MB 480-282244/6	N6271.D	01/05/2016	00:41
MW-1	480-93079-1	N6282.D	01/05/2016	05:37
MW-2	480-93079-2	N6283.D	01/05/2016	06:04
DUP @ MW-2	480-93079-3	N6284.D	01/05/2016	06:31
MW-3	480-93079-4	N6285.D	01/05/2016	06:58
MW-5 DL	480-93079-6 DL	N6287.D	01/05/2016	07:52
MW-3 MS	480-93079-4 MS	N6289.D	01/05/2016	08:45
MW-3 MSD	480-93079-4 MSD	N6290.D	01/05/2016	09:12

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab File ID: N6296.D BFB Injection Date: 01/05/2016

Instrument ID: HP5973N BFB Injection Time: 10:51

Analysis Batch No.: 282302

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.8	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	82.9	
175	5.0 - 9.0 % of mass 174	5.9	(7.1) 1
176	95.0 - 101.0 % of mass 174	80.1	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.6	(7.0) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-282302/2	N6297.D	01/05/2016	11:17
	LCS 480-282302/5	N6299.D	01/05/2016	12:10
	MB 480-282302/7	N6301.D	01/05/2016	13:03
MW-4 DL	480-93079-5 DL	N6306.D	01/05/2016	15:24

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Sample No.: ICIS 480-281170/8 Date Analyzed: 12/22/2015 22:45

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): N5888.D Heated Purge: (Y/N) N

Calibration ID: 25940

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		126461	5.60	440729	8.60	226287	10.97
UPPER LIMIT		252922	6.10	881458	9.10	452574	11.47
LOWER LIMIT		63231	5.10	220365	8.10	113144	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-282137/3		140165	5.59	503761	8.60	251575	10.97
CCVIS 480-282244/2		124676	5.59	482881	8.60	248819	10.97
CCVIS 480-282302/2		134903	5.59	507392	8.60	251229	10.97

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Sample No.: CCVIS 480-282137/3 Date Analyzed: 01/04/2016 10:07

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): N6240.D Heated Purge: (Y/N) N

Calibration ID: 25942

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		140165	5.59	503761	8.60	251575	10.97
UPPER LIMIT		280330	6.09	1007522	9.10	503150	11.47
LOWER LIMIT		70083	5.09	251881	8.10	125788	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-282137/5		139560	5.60	527188	8.60	265113	10.97
MB 480-282137/7		135067	5.60	483794	8.60	240613	10.97
480-93079-5	MW-4	124369	5.60	484681	8.60	230275	10.97
480-93079-6	MW-5	124714	5.60	442934	8.60	217536	10.97

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Sample No.: CCVIS 480-282244/2 Date Analyzed: 01/04/2016 22:13

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): N6266.D Heated Purge: (Y/N) N

Calibration ID: 25942

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		124676	5.59	482881	8.60	248819	10.97
UPPER LIMIT		249352	6.09	965762	9.10	497638	11.47
LOWER LIMIT		62338	5.09	241441	8.10	124410	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 480-282244/3		127184	5.59	461297	8.60	237069	10.97
LCS 480-282244/4		128959	5.60	487411	8.60	242758	10.97
MB 480-282244/6		126440	5.59	454329	8.60	224442	10.97
480-93079-1	MW-1	126984	5.59	469253	8.60	226239	10.97
480-93079-2	MW-2	126604	5.60	458233	8.60	232965	10.97
480-93079-3	DUP @ MW-2	130043	5.60	477557	8.60	229719	10.97
480-93079-4	MW-3	127114	5.59	458502	8.60	226164	10.97
480-93079-6 DL	MW-5 DL	119956	5.59	437415	8.60	215983	10.97
480-93079-4 MS	MW-3 MS	126304	5.59	468452	8.60	241675	10.97
480-93079-4 MSD	MW-3 MSD	127196	5.59	488459	8.60	243793	10.97

FB = Fluorobenzene (IS)
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 8260C

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Sample No.: CCVIS 480-282302/2 Date Analyzed: 01/05/2016 11:17

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): N6297.D Heated Purge: (Y/N) N

Calibration ID: 25942

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		134903	5.59	507392	8.60	251229	10.97
UPPER LIMIT		269806	6.09	1014784	9.10	502458	11.47
LOWER LIMIT		67452	5.09	253696	8.10	125615	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-282302/5		134433	5.59	497859	8.60	257283	10.97
MB 480-282302/7		132792	5.60	485770	8.60	236430	10.97
480-93079-5 DL	MW-4 DL	124048	5.60	441508	8.60	213439	10.97

FB = Fluorobenzene (IS)
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 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 480-93079-1

Matrix: Water | Lab File ID: N6282.D

Analysis Method: 8260C | Date Collected: 12/22/2015 08:38

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 05:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
123-91-1	1,4-Dioxane	ND		40	9.3
78-93-3	2-Butanone (MEK)	ND		10	1.3
67-64-1	Acetone	5.4	J	10	3.0
71-43-2	Benzene	ND		1.0	0.41
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
67-66-3	Chloroform	ND		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
100-41-4	Ethylbenzene	ND		1.0	0.74
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
104-51-8	n-Butylbenzene	ND		1.0	0.64
103-65-1	N-Propylbenzene	ND		1.0	0.69
135-98-8	sec-Butylbenzene	ND		1.0	0.75
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
79-01-6	Trichloroethene	ND		1.0	0.46
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66
98-06-6	tert-Butylbenzene	ND		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-1 Lab Sample ID: 480-93079-1

Matrix: Water Lab File ID: N6282.D

Analysis Method: 8260C Date Collected: 12/22/2015 08:38

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 05:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	115		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		66-137
460-00-4	4-Bromofluorobenzene (Surr)	90		73-120
2037-26-5	Toluene-d8 (Surr)	99		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6282.D
Lims ID: 480-93079-B-1 Lab Sample ID: 480-93079-1
Client ID: MW-1
Sample Type: Client
Inject. Date: 05-Jan-2016 05:37:30 ALS Bottle#: 73 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-93079-B-1
Misc. Info.: 480-0049715-020
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 10:05:57 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 10:03:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.592	5.593	-0.001	98	126984	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	469253	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	226239	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	173055	28.7	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	218026	28.6	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	605702	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	181089	22.6	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96		2.819				ND	
23 Acetone	43	2.916	2.916	0.000	98	16487	5.44	
30 Methylene Chloride	84		3.323				ND	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96		3.567				ND	
36 1,1-Dichloroethane	63		3.981				ND	
43 cis-1,2-Dichloroethene	96		4.534				ND	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.331				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95		5.939				ND	
66 1,4-Dioxane	88		6.311				ND	
73 Toluene	92		7.180				ND	
79 Tetrachloroethene	166		7.722				ND	
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.989				ND	
115 n-Butylbenzene	91		11.293				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

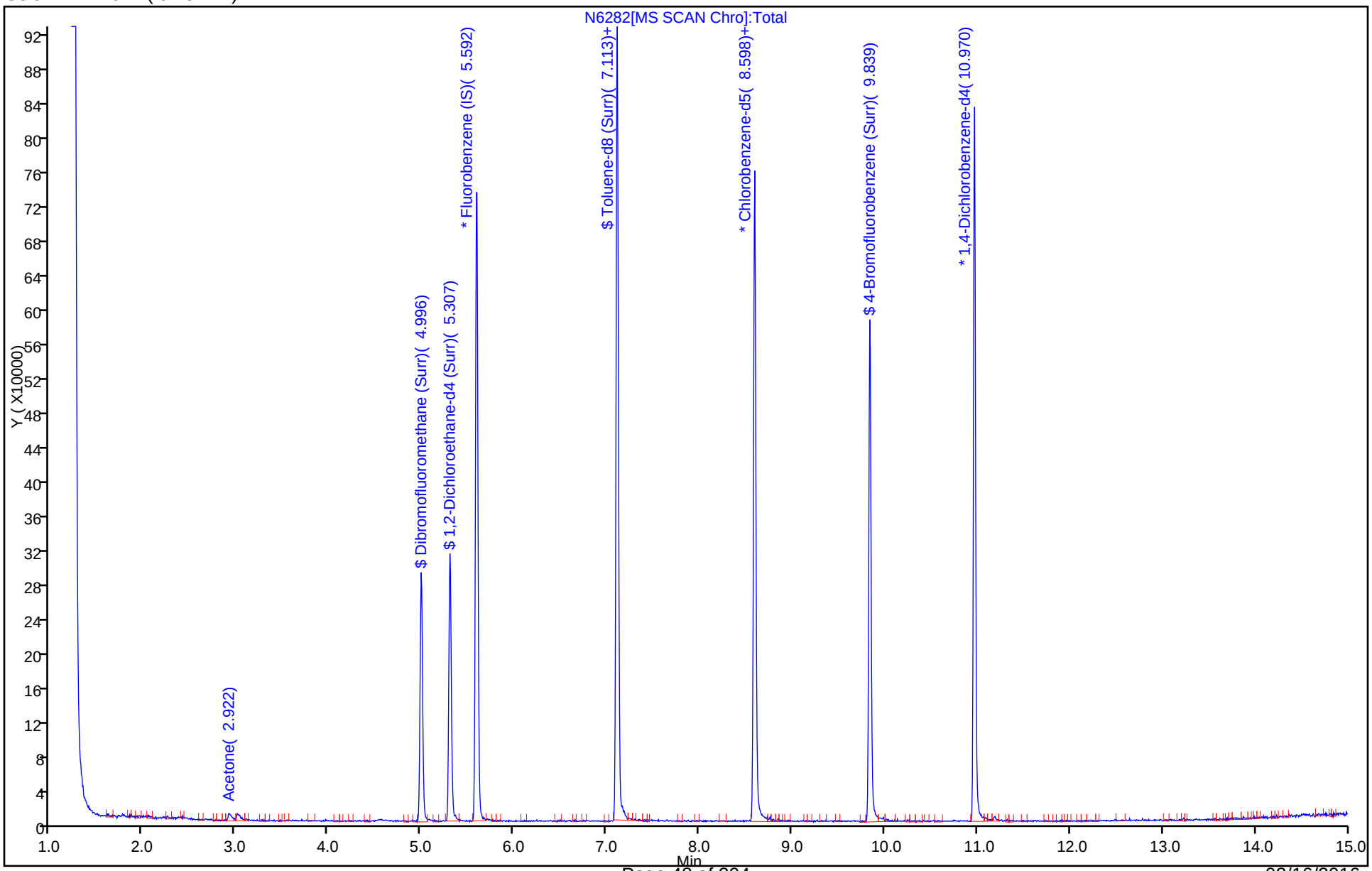
Report Date: 05-Jan-2016 10:07:16 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6282.D

Injection Date:	05-Jan-2016 05:37:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	480-93079-B-1	Lab Sample ID:	480-93079-1	Worklist Smp#:	20
Client ID:	MW-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	73
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

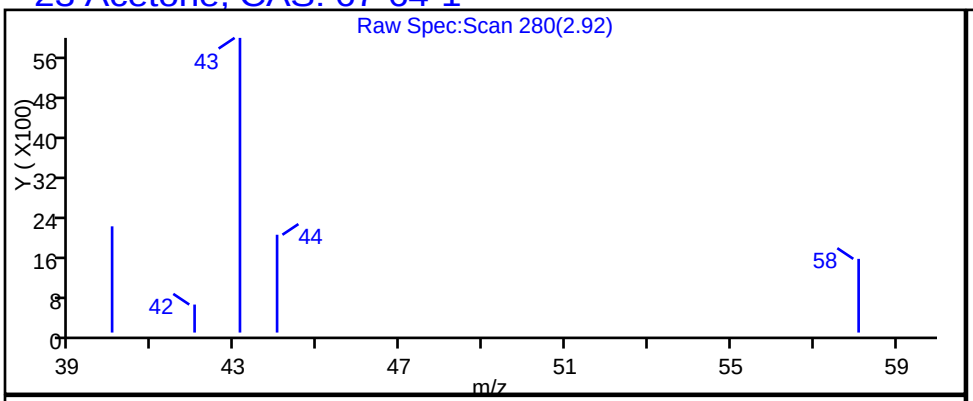


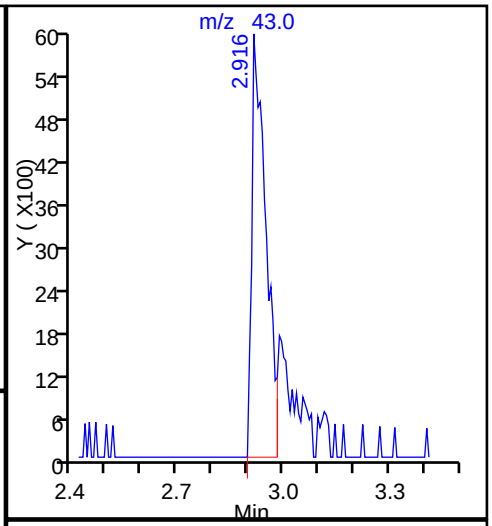
TestAmerica Buffalo

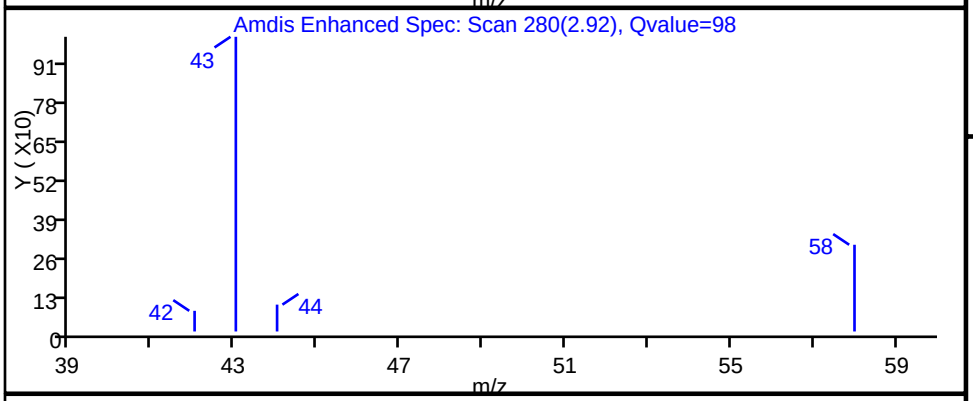
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6282.D

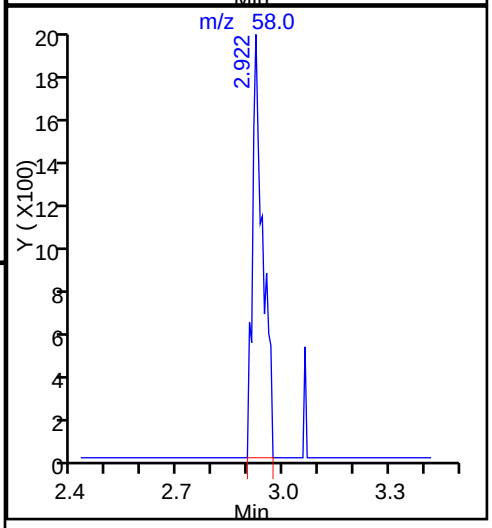
Injection Date:	05-Jan-2016 05:37:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-B-1	Lab Sample ID:	480-93079-1		
Client ID:	MW-1				
Operator ID:	SO	ALS Bottle#:	73	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

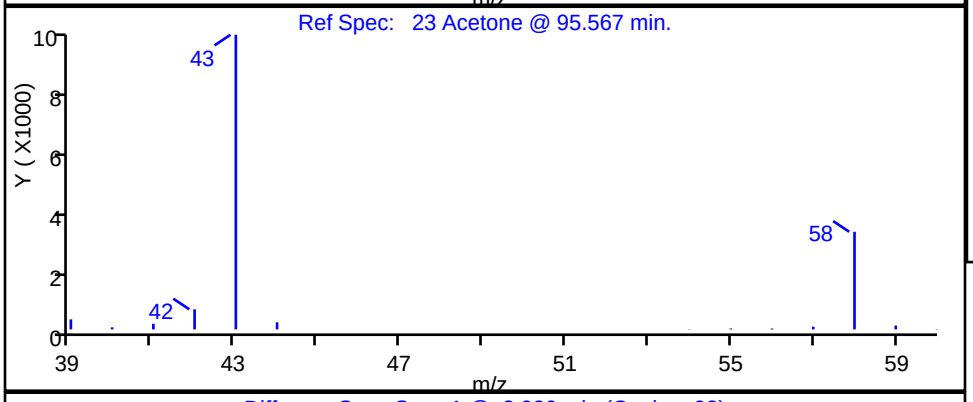
23 Acetone, CAS: 67-64-1

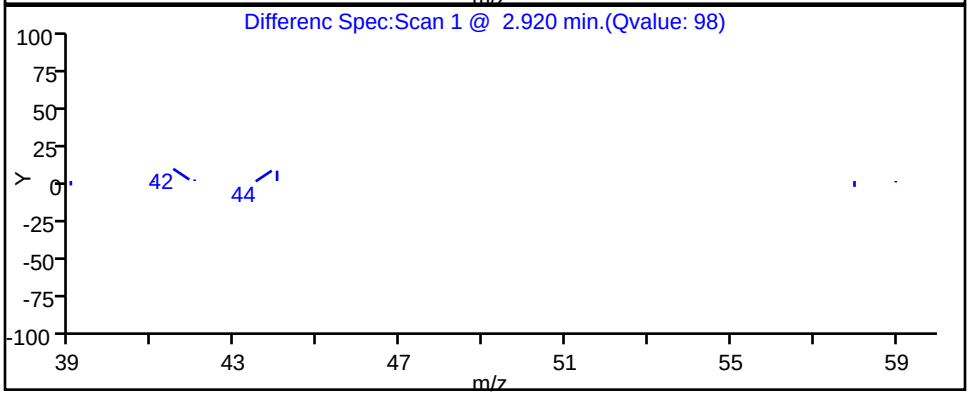












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 480-93079-2

Matrix: Water | Lab File ID: N6283.D

Analysis Method: 8260C | Date Collected: 12/22/2015 09:08

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 06:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
123-91-1	1,4-Dioxane	ND		40	9.3
78-93-3	2-Butanone (MEK)	ND		10	1.3
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
67-66-3	Chloroform	ND		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
100-41-4	Ethylbenzene	ND		1.0	0.74
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
104-51-8	n-Butylbenzene	ND		1.0	0.64
103-65-1	N-Propylbenzene	ND		1.0	0.69
135-98-8	sec-Butylbenzene	ND		1.0	0.75
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
79-01-6	Trichloroethene	ND		1.0	0.46
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66
98-06-6	tert-Butylbenzene	ND		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-2 Lab Sample ID: 480-93079-2

Matrix: Water Lab File ID: N6283.D

Analysis Method: 8260C Date Collected: 12/22/2015 09:08

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 06:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	115		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		66-137
460-00-4	4-Bromofluorobenzene (Surr)	90		73-120
2037-26-5	Toluene-d8 (Surr)	101		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6283.D
Lims ID: 480-93079-B-2 Lab Sample ID: 480-93079-2
Client ID: MW-2
Sample Type: Client
Inject. Date: 05-Jan-2016 06:04:30 ALS Bottle#: 74 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-93079-B-2
Misc. Info.: 480-0049715-021
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 10:03:06 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 10:03:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.593	0.006	98	126604	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	458233	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.971	10.970	0.001	95	232965	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	173623	28.9	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	224055	29.5	
$ 6 Toluene-d8 (Surr)	98	7.114	7.113	0.001	93	601828	25.3	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	89	176791	22.6	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96		2.819				ND	
23 Acetone	43		2.916				ND	
30 Methylene Chloride	84		3.323				ND	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96		3.567				ND	
36 1,1-Dichloroethane	63		3.981				ND	
43 cis-1,2-Dichloroethene	96		4.534				ND	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.331				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95		5.939				ND	
66 1,4-Dioxane	88		6.311				ND	
73 Toluene	92		7.180				ND	
79 Tetrachloroethene	166		7.722				ND	
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.989				ND	
115 n-Butylbenzene	91		11.293				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

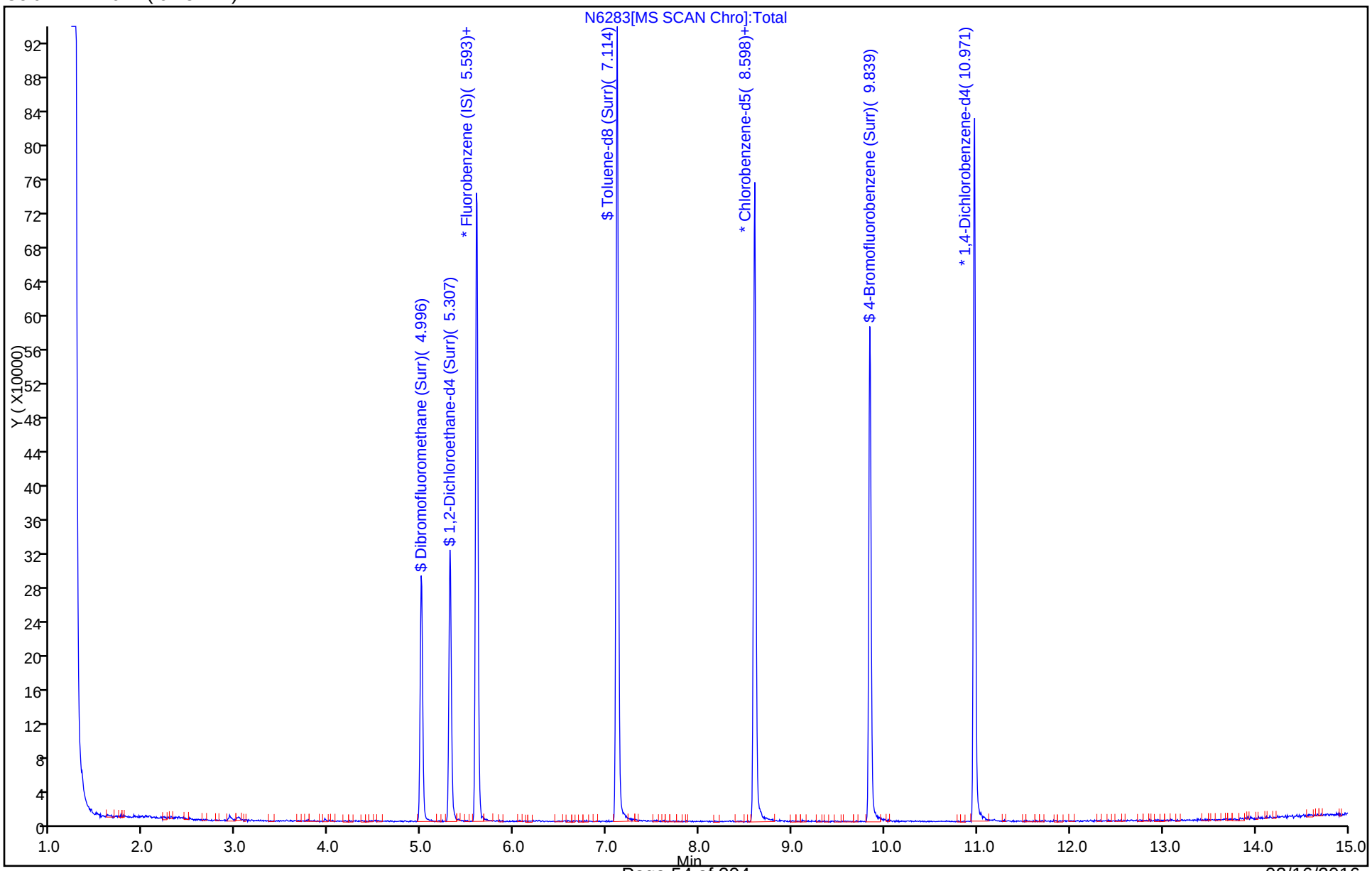
Report Date: 05-Jan-2016 10:03:35 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6283.D

Injection Date:	05-Jan-2016 06:04:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	480-93079-B-2	Lab Sample ID:	480-93079-2	Worklist Smp#:	21
Client ID:	MW-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: DUP @ MW-2 | Lab Sample ID: 480-93079-3

Matrix: Water | Lab File ID: N6284.D

Analysis Method: 8260C | Date Collected: 12/22/2015 09:09

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 06:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
123-91-1	1,4-Dioxane	ND		40	9.3
78-93-3	2-Butanone (MEK)	ND		10	1.3
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
67-66-3	Chloroform	ND		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
100-41-4	Ethylbenzene	ND		1.0	0.74
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
104-51-8	n-Butylbenzene	ND		1.0	0.64
103-65-1	N-Propylbenzene	ND		1.0	0.69
135-98-8	sec-Butylbenzene	ND		1.0	0.75
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
79-01-6	Trichloroethene	ND		1.0	0.46
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66
98-06-6	tert-Butylbenzene	ND		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: DUP @ MW-2 Lab Sample ID: 480-93079-3

Matrix: Water Lab File ID: N6284.D

Analysis Method: 8260C Date Collected: 12/22/2015 09:09

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 06:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	112		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		66-137
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6284.D
Lims ID: 480-93079-B-3 Lab Sample ID: 480-93079-3
Client ID: DUP @ MW-2
Sample Type: Client
Inject. Date: 05-Jan-2016 06:31:30 ALS Bottle#: 75 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-93079-B-3
Misc. Info.: 480-0049715-022
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 10:03:06 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 10:03:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.593	0.006	98	130043	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	477557	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.971	10.970	0.001	96	229719	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.003	4.996	0.007	92	173043	28.0	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	223995	28.7	
$ 6 Toluene-d8 (Surr)	98	7.114	7.113	0.001	93	617648	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	181846	22.3	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96		2.819				ND	
23 Acetone	43	2.928	2.916	0.012	99	7770	2.50	
30 Methylene Chloride	84		3.323				ND	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96		3.567				ND	
36 1,1-Dichloroethane	63		3.981				ND	
43 cis-1,2-Dichloroethene	96		4.534				ND	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.331				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95		5.939				ND	
66 1,4-Dioxane	88		6.311				ND	
73 Toluene	92		7.180				ND	
79 Tetrachloroethene	166		7.722				ND	
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.989				ND	
115 n-Butylbenzene	91		11.293				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

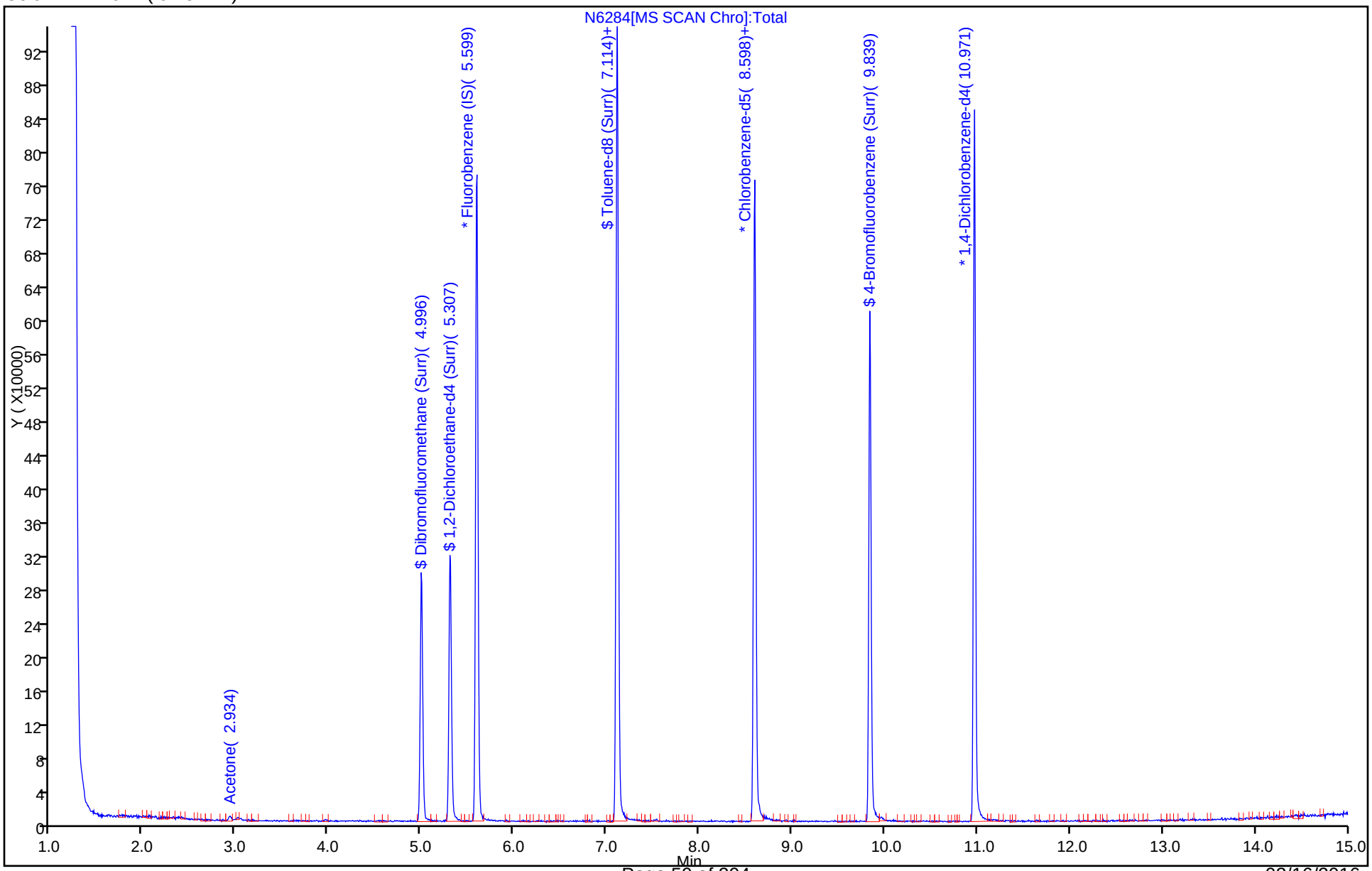
Report Date: 05-Jan-2016 10:03:46 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6284.D

Injection Date:	05-Jan-2016 06:31:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	480-93079-B-3	Lab Sample ID:	480-93079-3	Worklist Smp#:	22
Client ID:	DUP @ MW-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	75
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 480-93079-4

Matrix: Water | Lab File ID: N6285.D

Analysis Method: 8260C | Date Collected: 12/22/2015 09:36

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 06:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
123-91-1	1,4-Dioxane	ND		40	9.3
78-93-3	2-Butanone (MEK)	ND		10	1.3
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
67-66-3	Chloroform	ND		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	24		1.0	0.81
100-41-4	Ethylbenzene	ND		1.0	0.74
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
104-51-8	n-Butylbenzene	ND		1.0	0.64
103-65-1	N-Propylbenzene	ND		1.0	0.69
135-98-8	sec-Butylbenzene	ND		1.0	0.75
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
79-01-6	Trichloroethene	0.85	J	1.0	0.46
75-01-4	Vinyl chloride	ND	F2	1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66
98-06-6	tert-Butylbenzene	ND		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-3 Lab Sample ID: 480-93079-4

Matrix: Water Lab File ID: N6285.D

Analysis Method: 8260C Date Collected: 12/22/2015 09:36

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 06:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	118		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
460-00-4	4-Bromofluorobenzene (Surr)	91		73-120
2037-26-5	Toluene-d8 (Surr)	102		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6285.D
Lims ID: 480-93079-B-4 Lab Sample ID: 480-93079-4
Client ID: MW-3
Sample Type: Client
Inject. Date: 05-Jan-2016 06:58:30 ALS Bottle#: 76 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-93079-B-4
Misc. Info.: 480-0049715-023
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 10:05:57 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 10:04:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.592	5.593	-0.001	98	127114	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	458502	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	226164	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	92	177431	29.4	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	-0.001	0	214694	28.2	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	606265	25.5	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.839	0.006	92	178273	22.8	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96		2.819				ND	
23 Acetone	43	2.934	2.916	0.018	33	5710	1.88	
30 Methylene Chloride	84		3.323				ND	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96	3.573	3.567	0.006	89	1371	0.2121	
36 1,1-Dichloroethane	63		3.981				ND	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	82	163105	23.5	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.331				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95	5.939	5.939	0.000	94	5310	0.8504	
66 1,4-Dioxane	88		6.311				ND	
73 Toluene	92		7.180				ND	
79 Tetrachloroethene	166		7.722				ND	
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.989				ND	
115 n-Butylbenzene	91		11.293				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

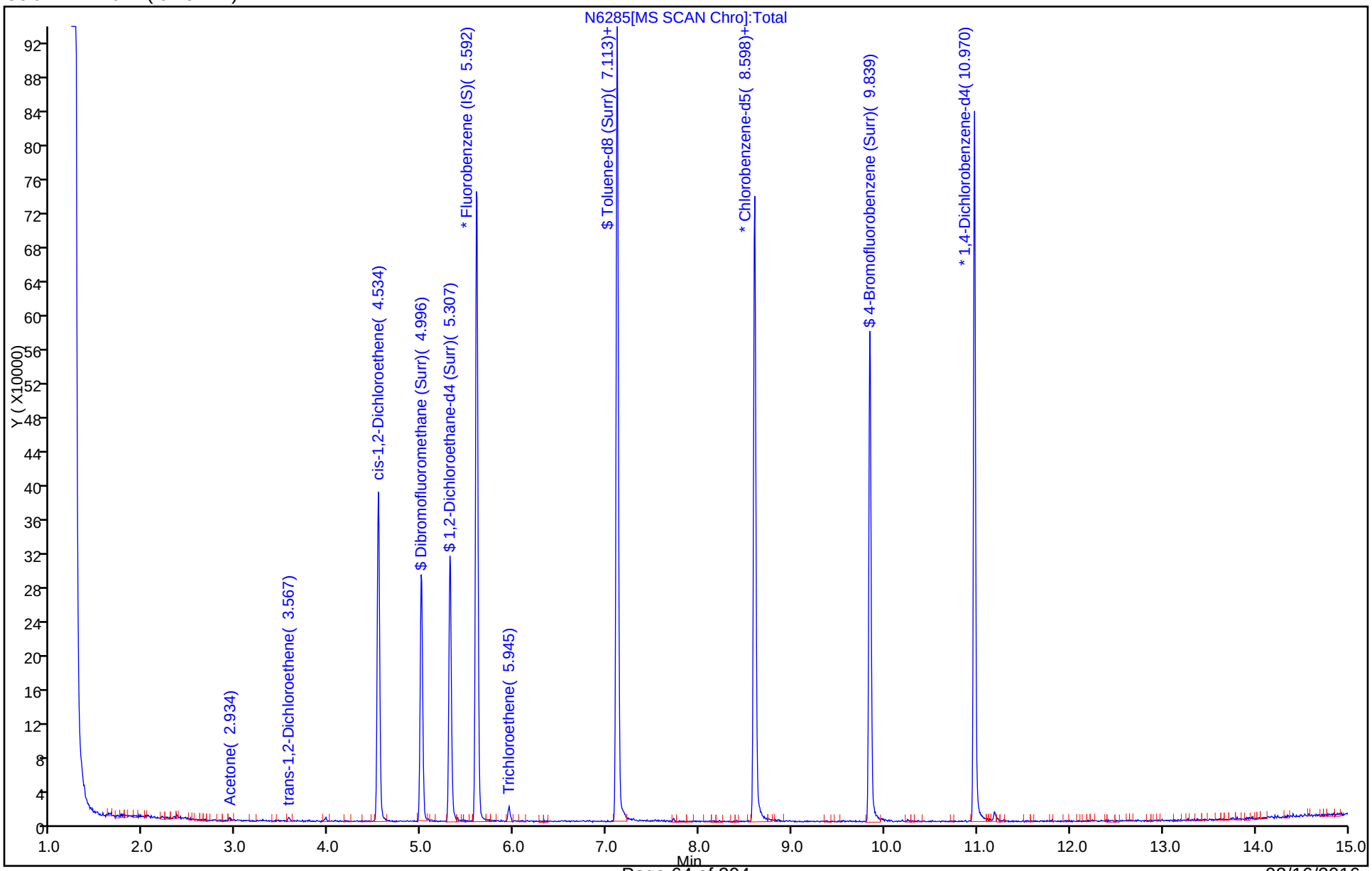
Report Date: 05-Jan-2016 10:07:06 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6285.D

Injection Date:	05-Jan-2016 06:58:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	480-93079-B-4	Lab Sample ID:	480-93079-4	Worklist Smp#:	23
Client ID:	MW-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	76
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



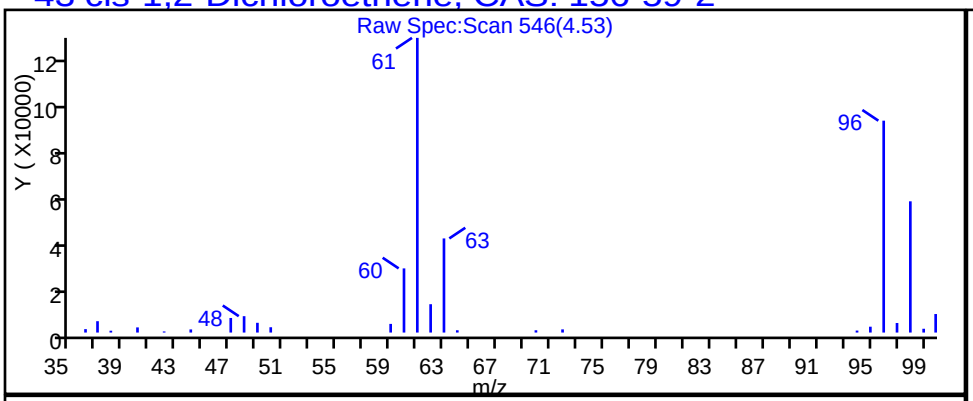
Report Date: 05-Jan-2016 10:07:06 Chrom Revision: 2.2 02-Dec-2015 11:51:48

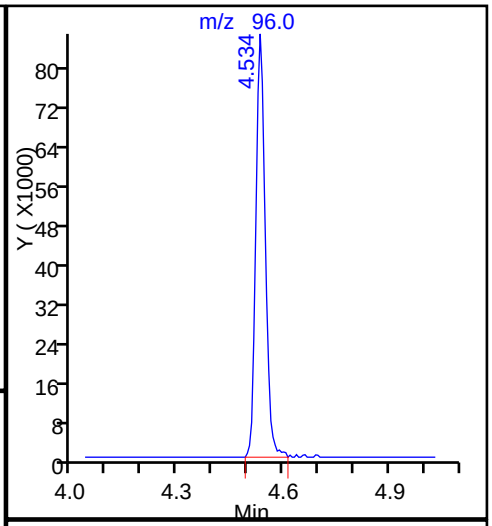
TestAmerica Buffalo

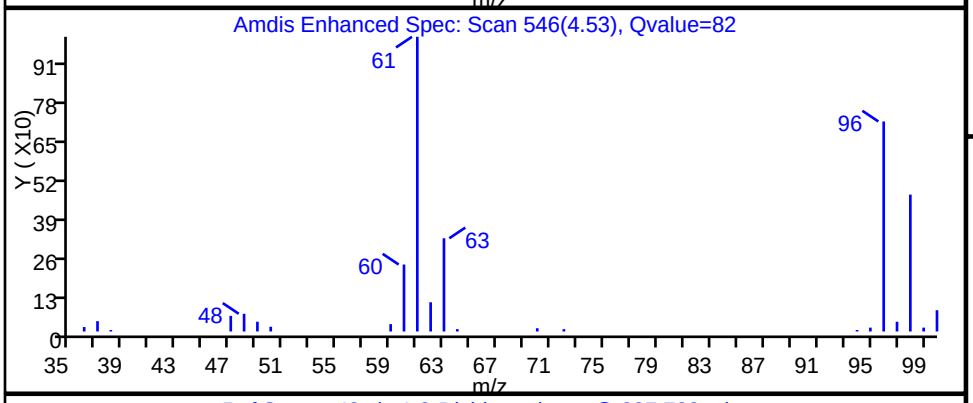
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6285.D

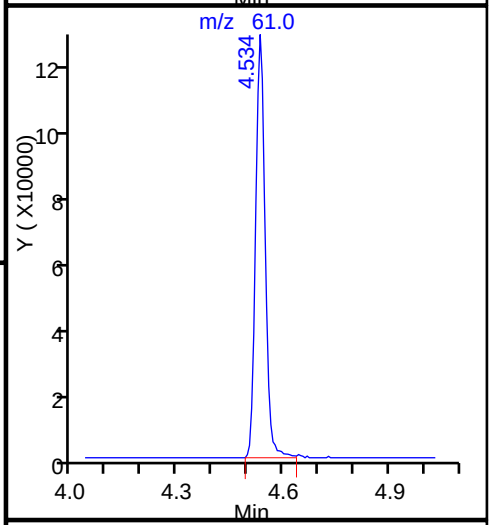
Injection Date:	05-Jan-2016 06:58:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-B-4	Lab Sample ID:	480-93079-4		
Client ID:	MW-3				
Operator ID:	SO	ALS Bottle#:	76	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

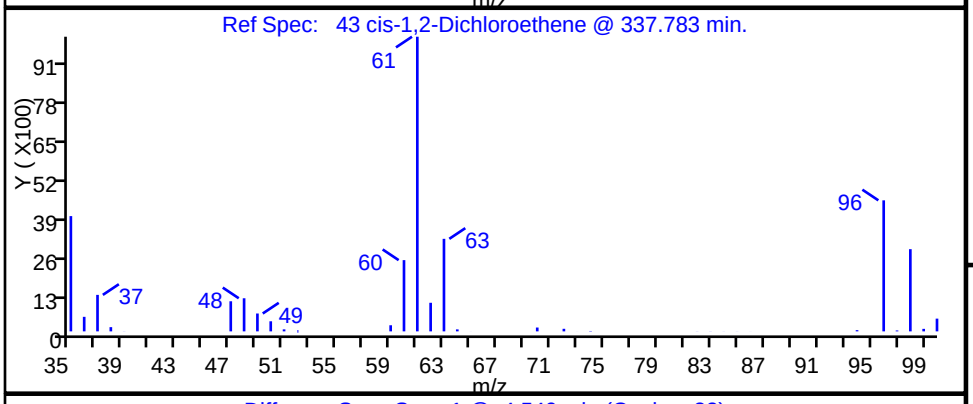
43 cis-1,2-Dichloroethene, CAS: 156-59-2

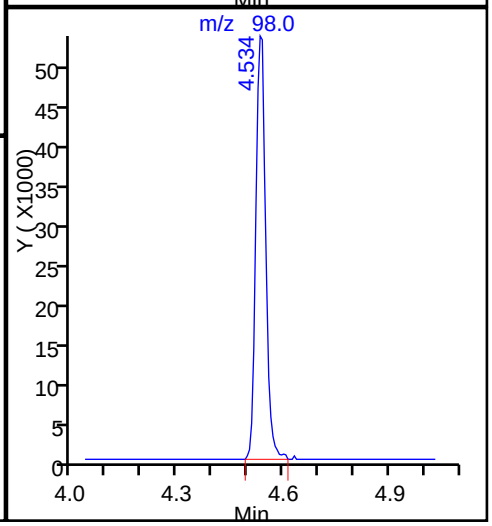


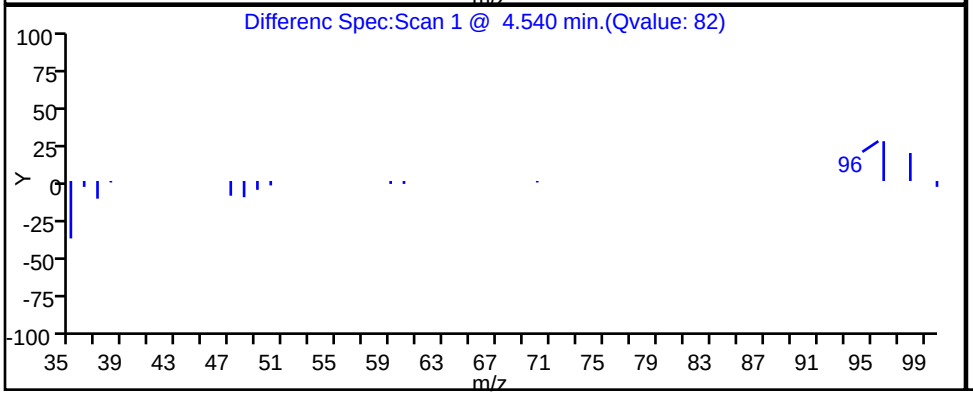












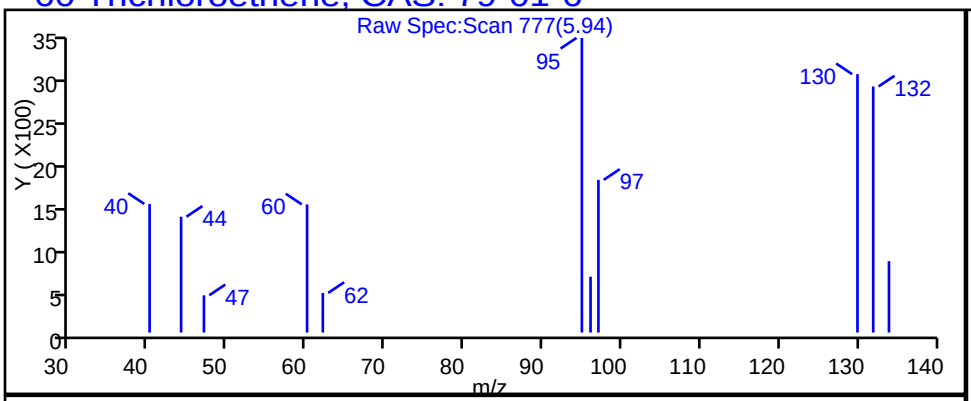
Report Date: 05-Jan-2016 10:07:07 Chrom Revision: 2.2 02-Dec-2015 11:51:48

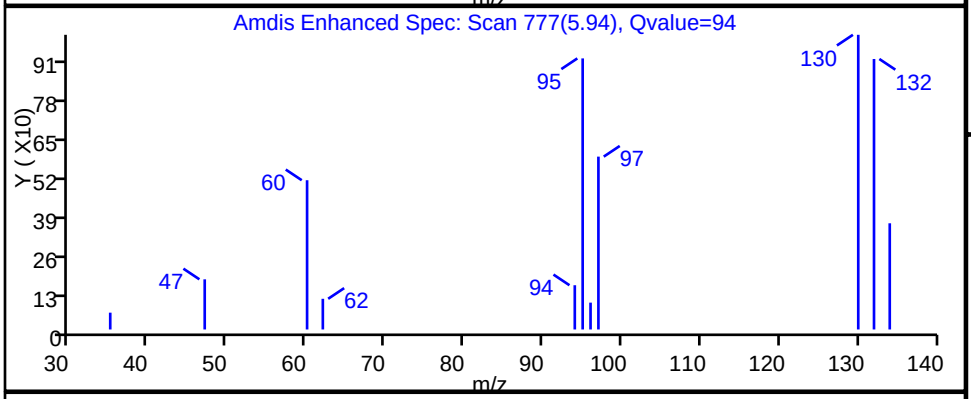
TestAmerica Buffalo

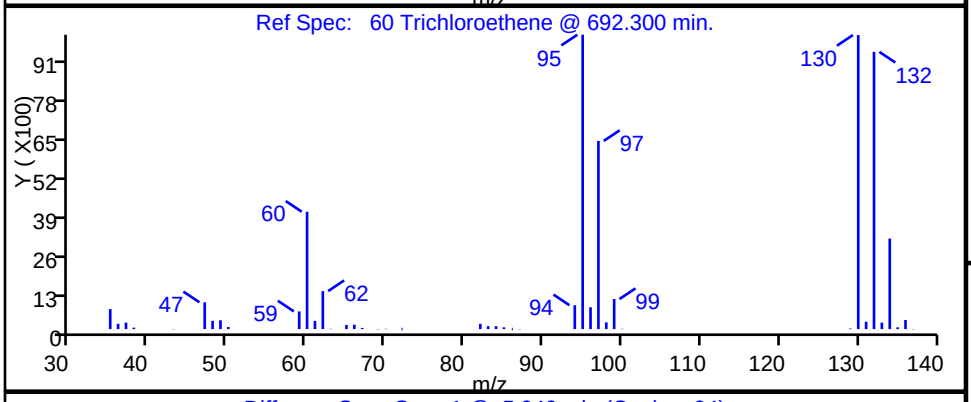
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6285.D

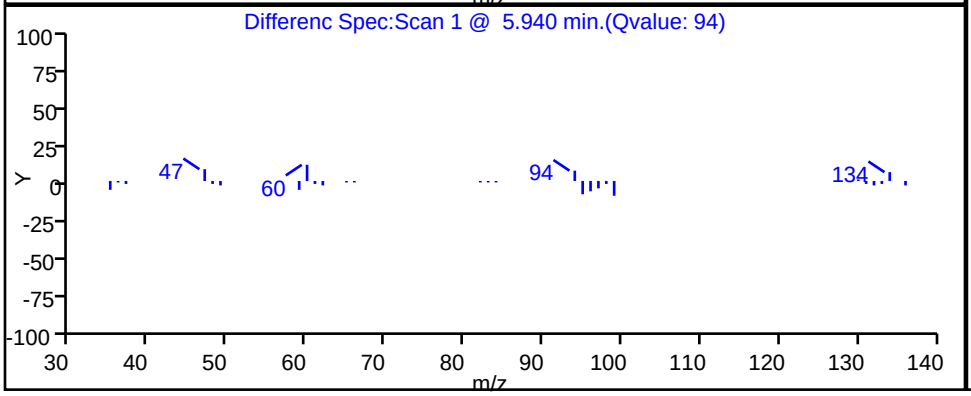
Injection Date:	05-Jan-2016 06:58:30	Instrument ID:	HP5973N
Lims ID:	480-93079-B-4	Lab Sample ID:	480-93079-4
Client ID:	MW-3		
Operator ID:	SO	ALS Bottle#:	76 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

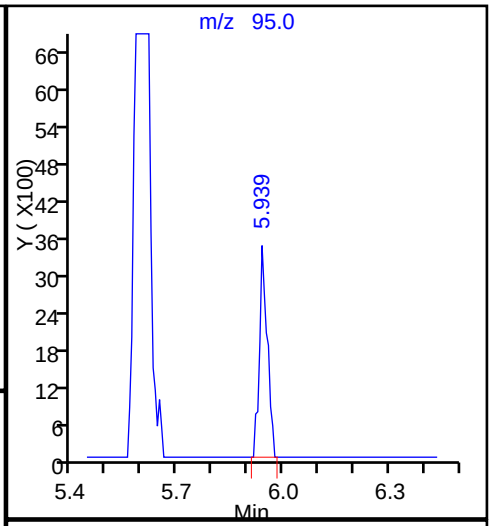
60 Trichloroethene, CAS: 79-01-6

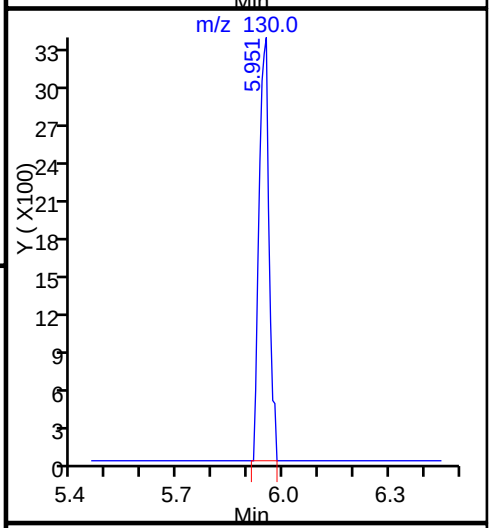


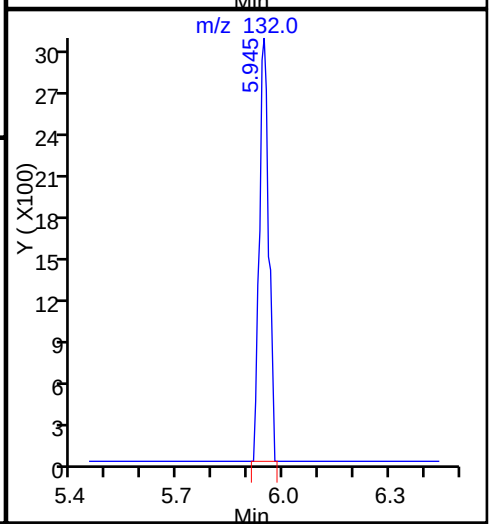












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 480-93079-5

Matrix: Water | Lab File ID: N6261.D

Analysis Method: 8260C | Date Collected: 12/22/2015 10:06

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 20:00

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
75-34-3	1,1-Dichloroethane	ND		20	7.6
75-35-4	1,1-Dichloroethene	10	J	20	5.8
95-63-6	1,2,4-Trimethylbenzene	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
108-67-8	1,3,5-Trimethylbenzene	ND		20	15
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
123-91-1	1,4-Dioxane	ND		800	190
78-93-3	2-Butanone (MEK)	ND		200	26
67-64-1	Acetone	ND		200	60
71-43-2	Benzene	ND		20	8.2
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
67-66-3	Chloroform	ND		20	6.8
156-59-2	cis-1,2-Dichloroethene	900		20	16
100-41-4	Ethylbenzene	ND		20	15
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
75-09-2	Methylene Chloride	ND		20	8.8
104-51-8	n-Butylbenzene	ND		20	13
103-65-1	N-Propylbenzene	ND		20	14
135-98-8	sec-Butylbenzene	ND		20	15
127-18-4	*Tetrachloroethene*	*22000*	*E*	*20*	*7.2*
108-88-3	Toluene	ND		20	10
156-60-5	trans-1,2-Dichloroethene	ND		20	18
79-01-6	Trichloroethene	740		20	9.2
75-01-4	Vinyl chloride	ND		20	18
1330-20-7	Xylenes, Total	ND		40	13
98-06-6	tert-Butylbenzene	ND		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-4 Lab Sample ID: 480-93079-5

Matrix: Water Lab File ID: N6261.D

Analysis Method: 8260C Date Collected: 12/22/2015 10:06

Sample wt/vol: 5(mL) Date Analyzed: 01/04/2016 20:00

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282137 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	117		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		66-137
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
2037-26-5	Toluene-d8 (Surr)	99		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6261.D
Lims ID: 480-93079-A-5 Lab Sample ID: 480-93079-5
Client ID: MW-4
Sample Type: Client
Inject. Date: 04-Jan-2016 20:00:30 ALS Bottle#: 52 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 480-93079-A-5
Misc. Info.: 480-0049694-022
Operator ID: LH/RR Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Jan-2016 19:44:24 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: o'briens Date: 04-Jan-2016 20:25:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.593	0.006	98	124369	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	484681	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	96	230275	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	92	172260	29.1	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	219349	29.4	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	620379	24.7	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.845	-0.006	89	179557	21.7	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96	2.806	2.812	-0.006	84	2992	0.5048	
23 Acetone	43		2.916				ND	
30 Methylene Chloride	84		3.323				ND	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96		3.567				ND	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	303602	44.8	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.331				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95	5.939	5.939	0.000	95	226592	37.1	
66 1,4-Dioxane	88		6.310				ND	
73 Toluene	92		7.174				ND	
79 Tetrachloroethene	166	7.734	7.722	0.012	59	8597244	1122.4	E
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.995				ND	
115 n-Butylbenzene	91		11.293				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

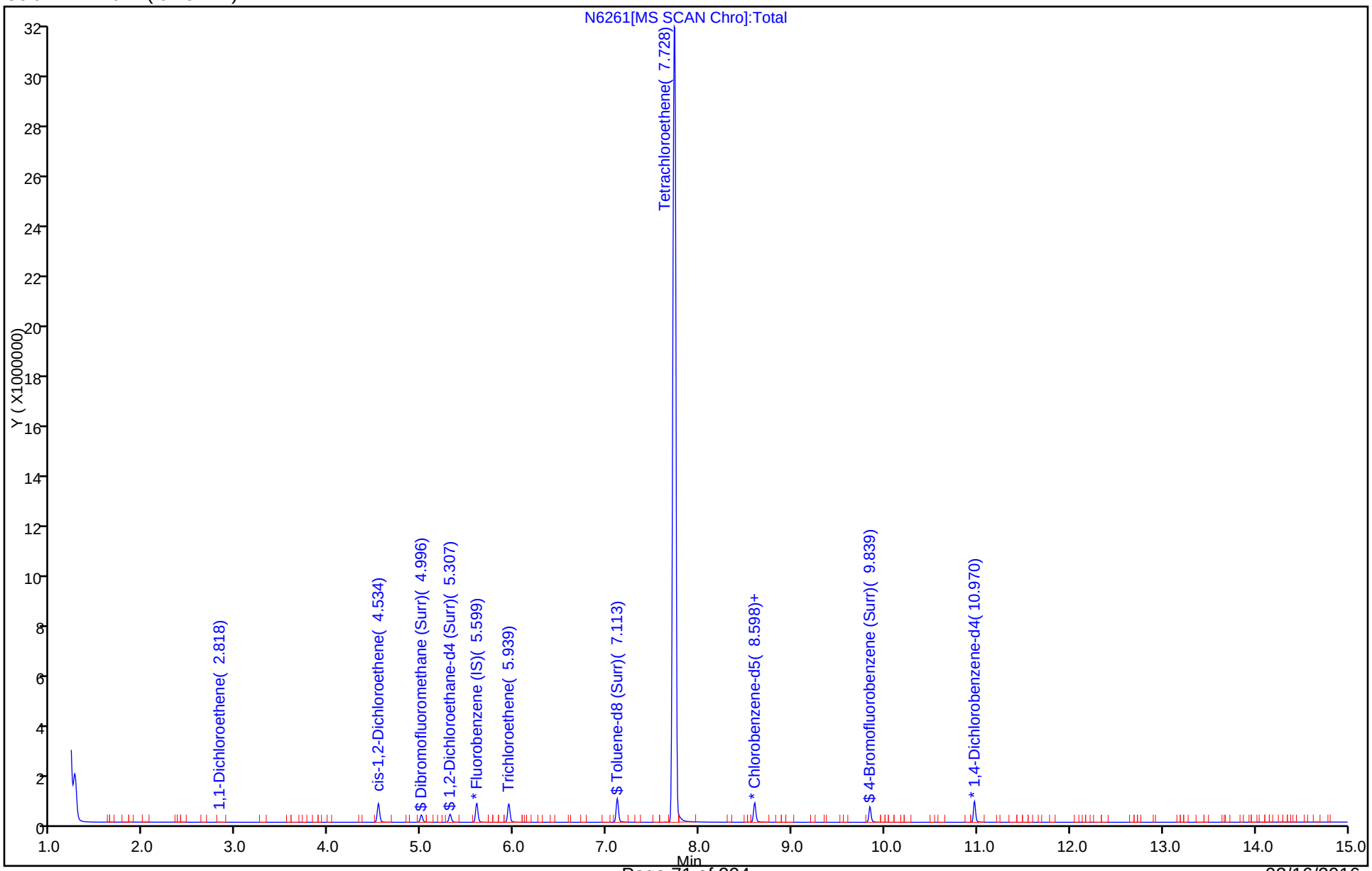
Report Date: 05-Jan-2016 16:30:00 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6261.D

Injection Date:	04-Jan-2016 20:00:30	Instrument ID:	HP5973N	Operator ID:	LH/RR
Lims ID:	480-93079-A-5	Lab Sample ID:	480-93079-5	Worklist Smp#:	22
Client ID:	MW-4				
Purge Vol:	5.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	52
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

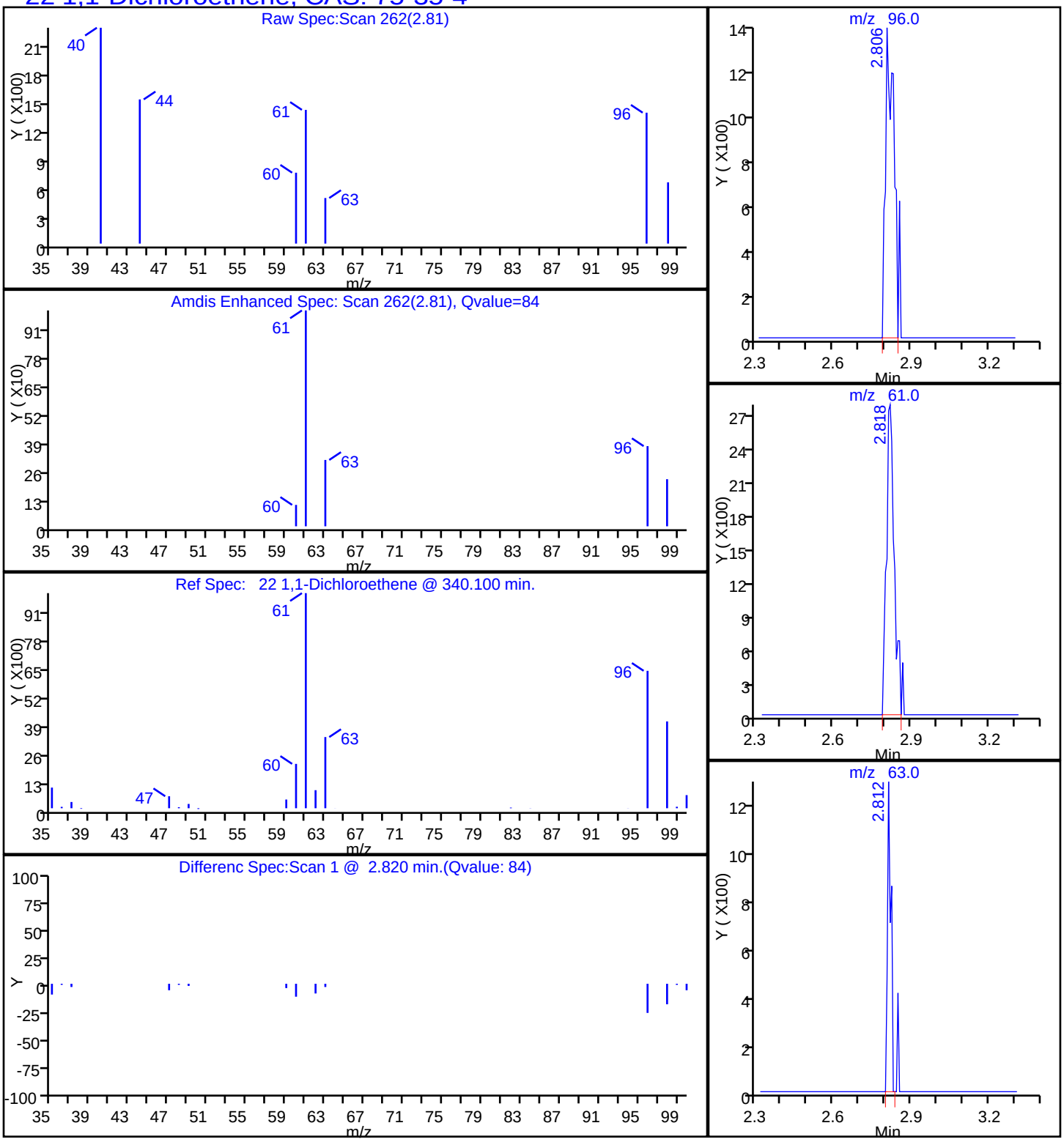


TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6261.D

Injection Date:	04-Jan-2016 20:00:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-A-5	Lab Sample ID:	480-93079-5		
Client ID:	MW-4				
Operator ID:	LH/RR	ALS Bottle#:	52	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

22 1,1-Dichloroethene, CAS: 75-35-4



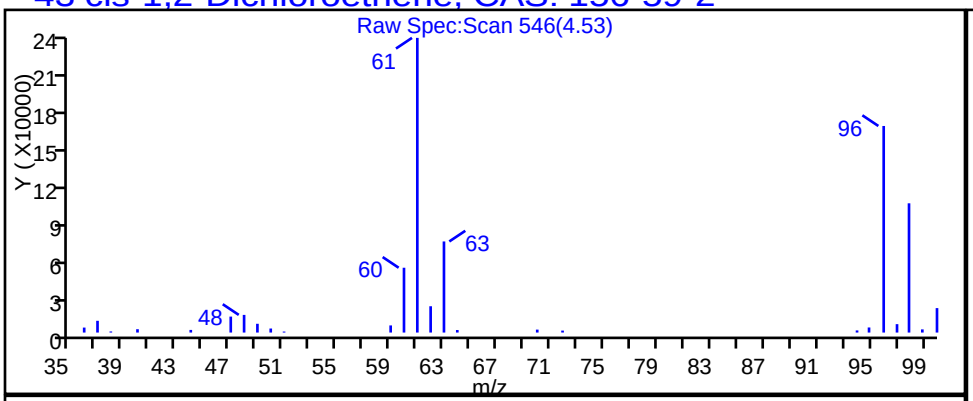
Report Date: 05-Jan-2016 16:30:01 Chrom Revision: 2.2 02-Dec-2015 11:51:48

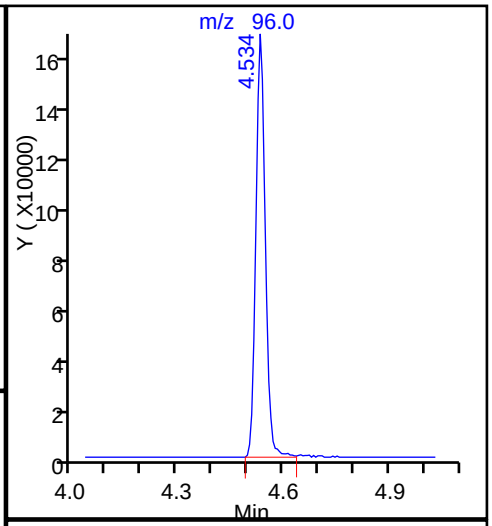
TestAmerica Buffalo

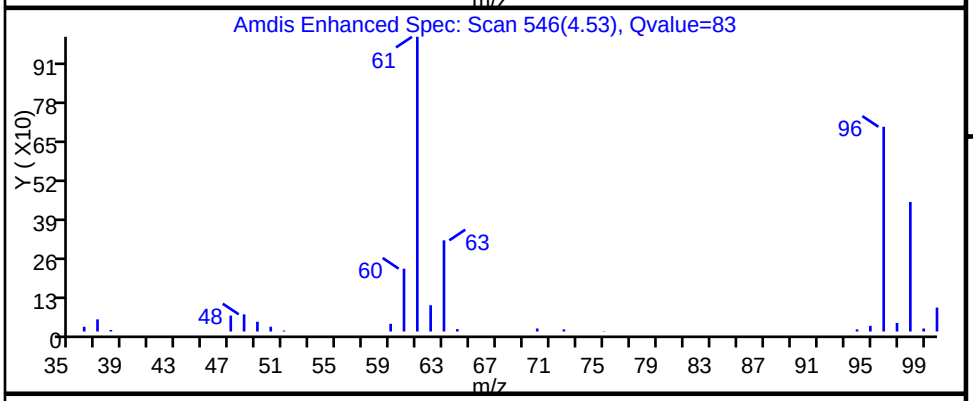
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6261.D

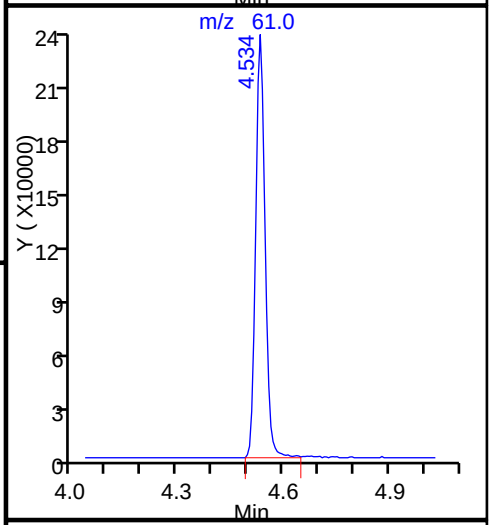
Injection Date:	04-Jan-2016 20:00:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-A-5	Lab Sample ID:	480-93079-5		
Client ID:	MW-4				
Operator ID:	LH/RR	ALS Bottle#:	52	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

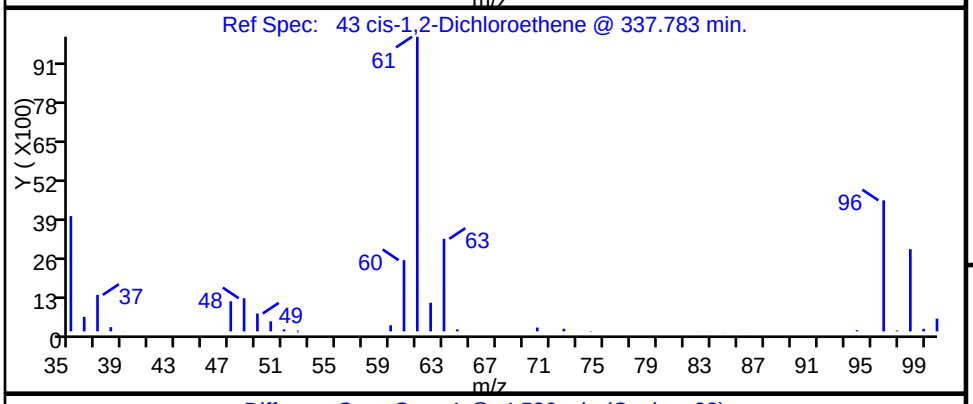
43 cis-1,2-Dichloroethene, CAS: 156-59-2

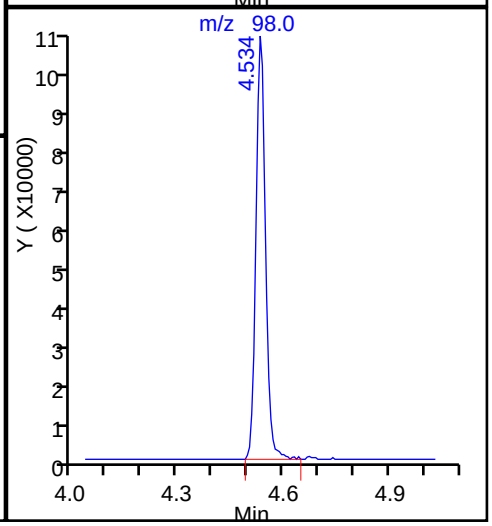


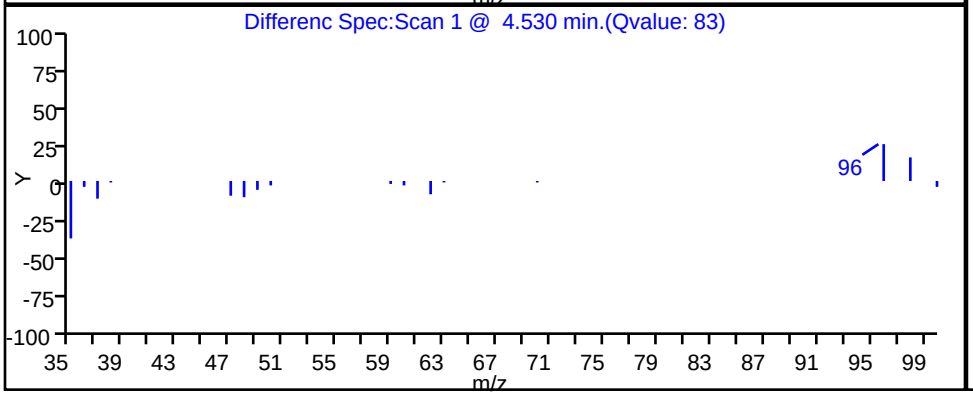










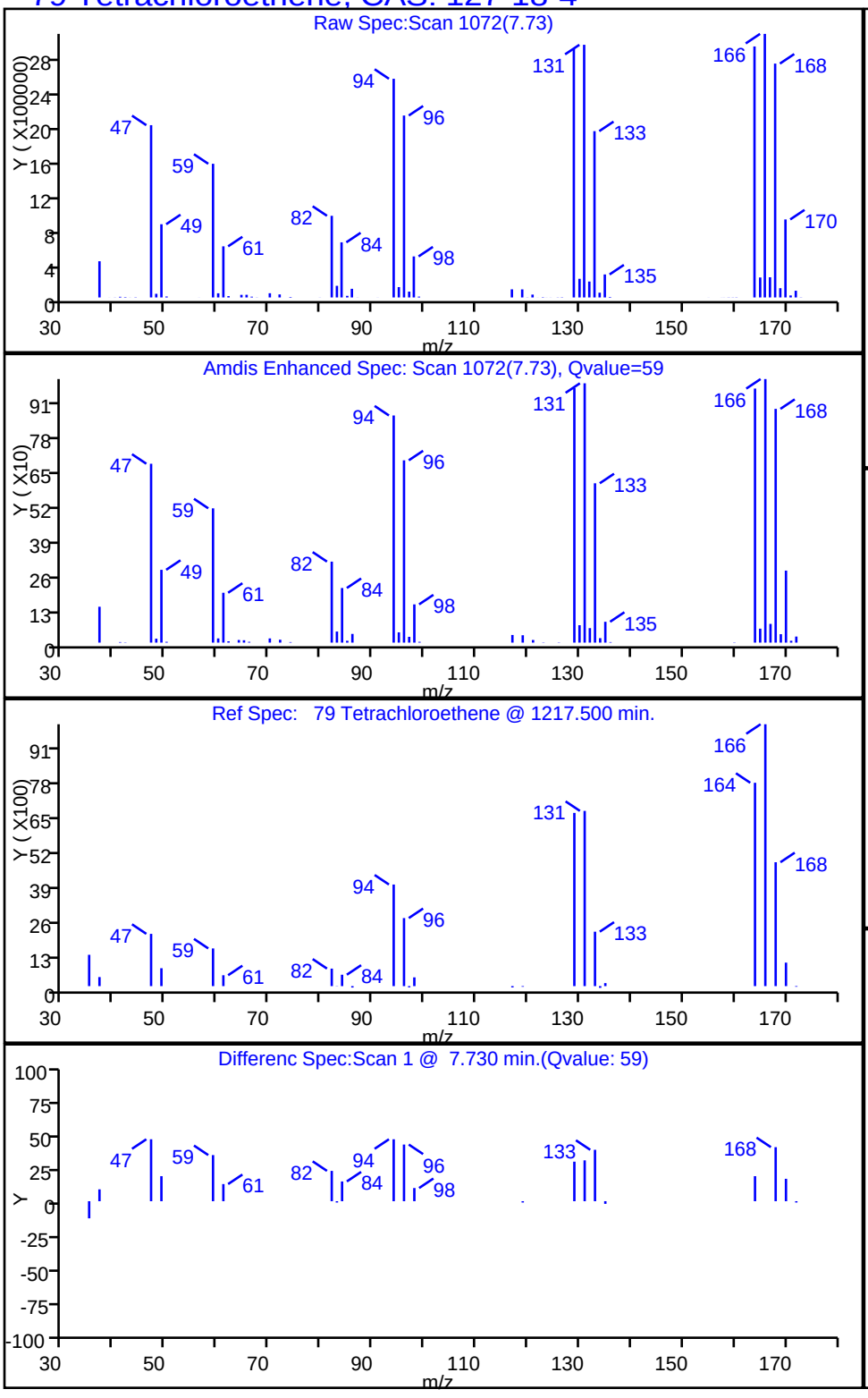


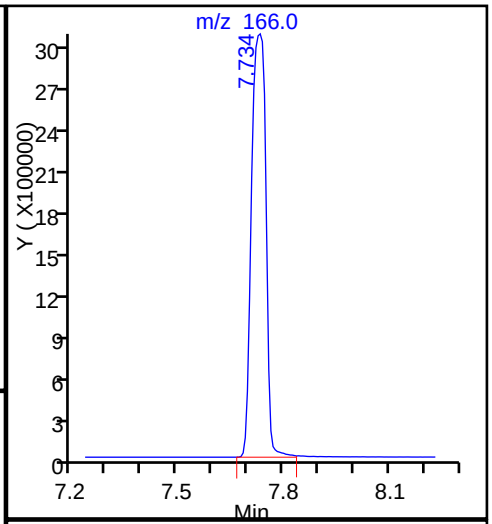
TestAmerica Buffalo

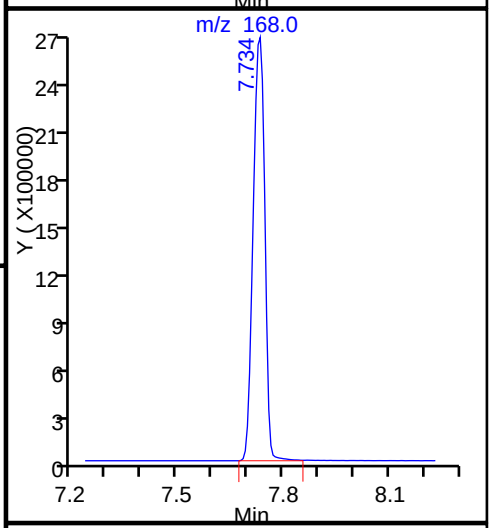
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6261.D

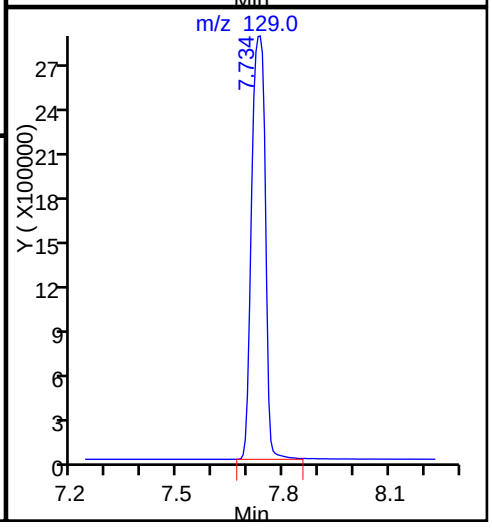
Injection Date:	04-Jan-2016 20:00:30	Instrument ID:	HP5973N
Lims ID:	480-93079-A-5	Lab Sample ID:	480-93079-5
Client ID:	MW-4		
Operator ID:	LH/RR	ALS Bottle#:	52 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	20.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

79 Tetrachloroethene, CAS: 127-18-4







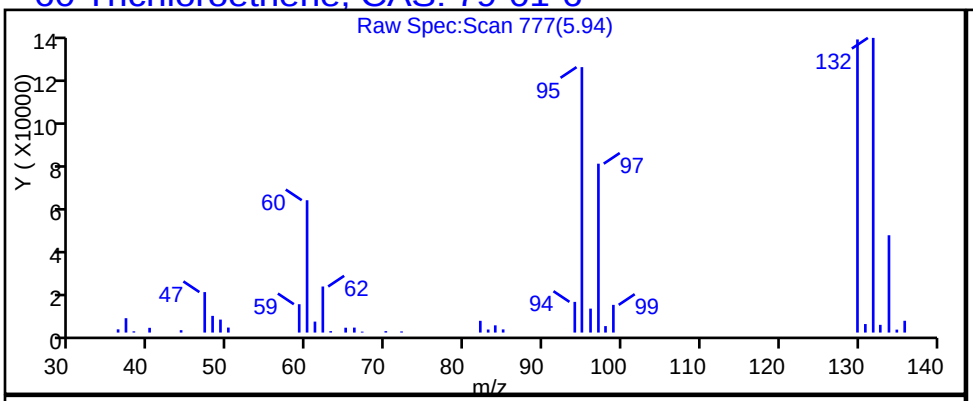


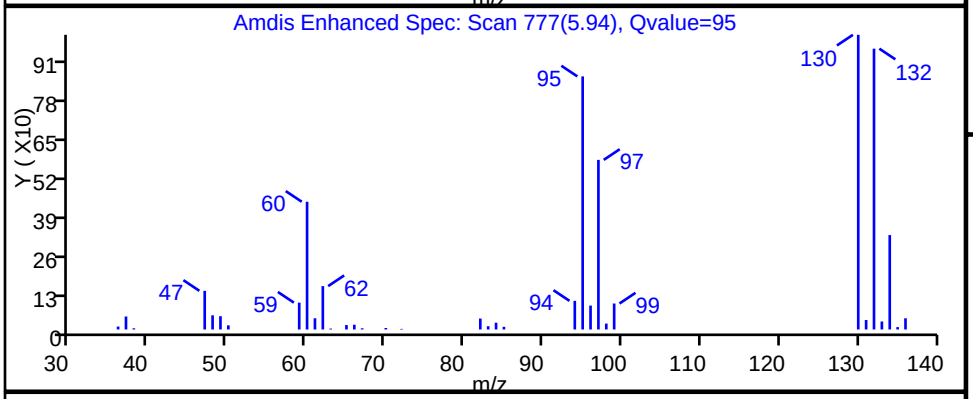
TestAmerica Buffalo

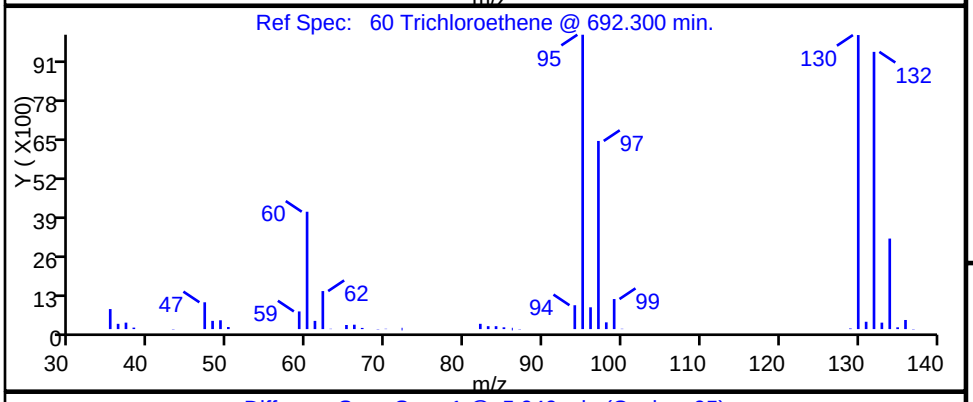
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6261.D

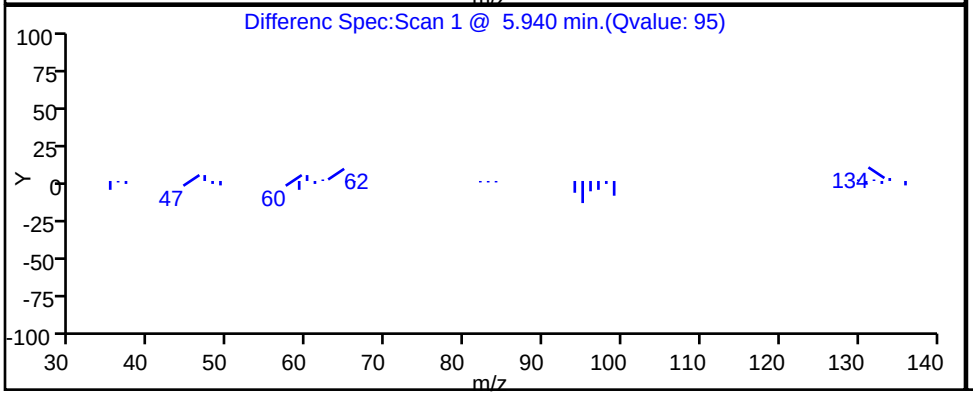
Injection Date:	04-Jan-2016 20:00:30	Instrument ID:	HP5973N
Lims ID:	480-93079-A-5	Lab Sample ID:	480-93079-5
Client ID:	MW-4		
Operator ID:	LH/RR	ALS Bottle#:	52 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	20.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

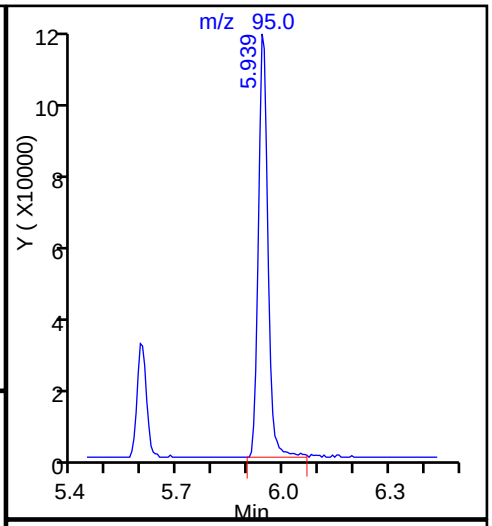
60 Trichloroethene, CAS: 79-01-6

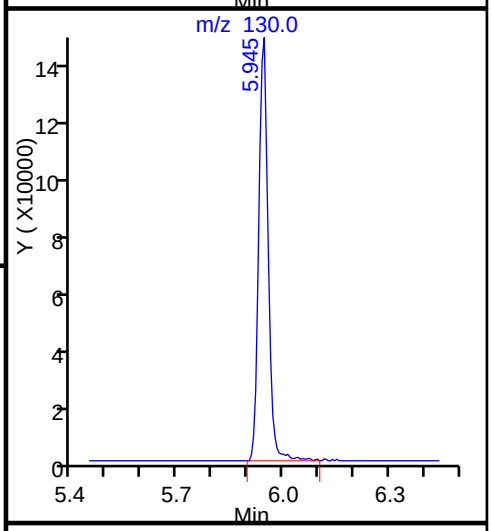


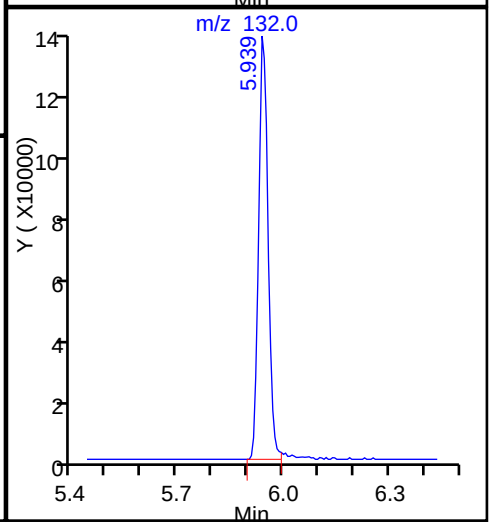












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-4 DL | Lab Sample ID: 480-93079-5 DL

Matrix: Water | Lab File ID: N6306.D

Analysis Method: 8260C | Date Collected: 12/22/2015 10:06

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 15:24

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282302 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1000	820
75-34-3	1,1-Dichloroethane	ND		1000	380
75-35-4	1,1-Dichloroethene	ND		1000	290
95-63-6	1,2,4-Trimethylbenzene	ND		1000	750
95-50-1	1,2-Dichlorobenzene	ND		1000	790
107-06-2	1,2-Dichloroethane	ND		1000	210
108-67-8	1,3,5-Trimethylbenzene	ND		1000	770
541-73-1	1,3-Dichlorobenzene	ND		1000	780
106-46-7	1,4-Dichlorobenzene	ND		1000	840
123-91-1	1,4-Dioxane	ND		40000	9300
78-93-3	2-Butanone (MEK)	ND		10000	1300
67-64-1	Acetone	ND		10000	3000
71-43-2	Benzene	ND		1000	410
56-23-5	Carbon tetrachloride	ND		1000	270
108-90-7	Chlorobenzene	ND		1000	750
67-66-3	Chloroform	ND		1000	340
156-59-2	cis-1,2-Dichloroethene	ND		1000	810
100-41-4	Ethylbenzene	ND		1000	740
1634-04-4	Methyl tert-butyl ether	ND		1000	160
75-09-2	Methylene Chloride	ND		1000	440
104-51-8	n-Butylbenzene	ND		1000	640
103-65-1	N-Propylbenzene	ND		1000	690
135-98-8	sec-Butylbenzene	ND		1000	750
127-18-4	Tetrachloroethene	58000		1000	360
108-88-3	Toluene	ND		1000	510
156-60-5	trans-1,2-Dichloroethene	ND		1000	900
79-01-6	Trichloroethene	560	J	1000	460
75-01-4	Vinyl chloride	ND		1000	900
1330-20-7	Xylenes, Total	ND		2000	660
98-06-6	tert-Butylbenzene	ND		1000	810

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-4 DL Lab Sample ID: 480-93079-5 DL

Matrix: Water Lab File ID: N6306.D

Analysis Method: 8260C Date Collected: 12/22/2015 10:06

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 15:24

Soil Aliquot Vol: Dilution Factor: 1000

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282302 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	115		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
460-00-4	4-Bromofluorobenzene (Surr)	90		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6306.D
Lims ID: 480-93079-C-5 Lab Sample ID: 480-93079-5
Client ID: MW-4
Sample Type: Client
Inject. Date: 05-Jan-2016 15:24:30 ALS Bottle#: 7 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Sample Info: 480-93079-C-5
Misc. Info.: 480-0049728-033
Operator ID: gtg Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 16:37:20 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: o'briens Date: 05-Jan-2016 16:39:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.592	0.006	98	124048	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	441508	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	96	213439	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	169481	28.8	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	-0.001	0	209260	28.1	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	570118	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.839	0.006	90	169537	22.5	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96		2.819				ND	
23 Acetone	43		2.916				ND	
30 Methylene Chloride	84	3.323	3.323	0.000	89	1698	0.2512	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96		3.567				ND	
36 1,1-Dichloroethane	63		3.980				ND	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	81	5042	0.7453	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.325				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95	5.951	5.939	0.012	93	3393	0.5568	
66 1,4-Dioxane	88		6.317				ND	
73 Toluene	92		7.180				ND	
79 Tetrachloroethene	166	7.722	7.722	0.000	93	408052	58.5	
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.989				ND	
115 n-Butylbenzene	91		11.299				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

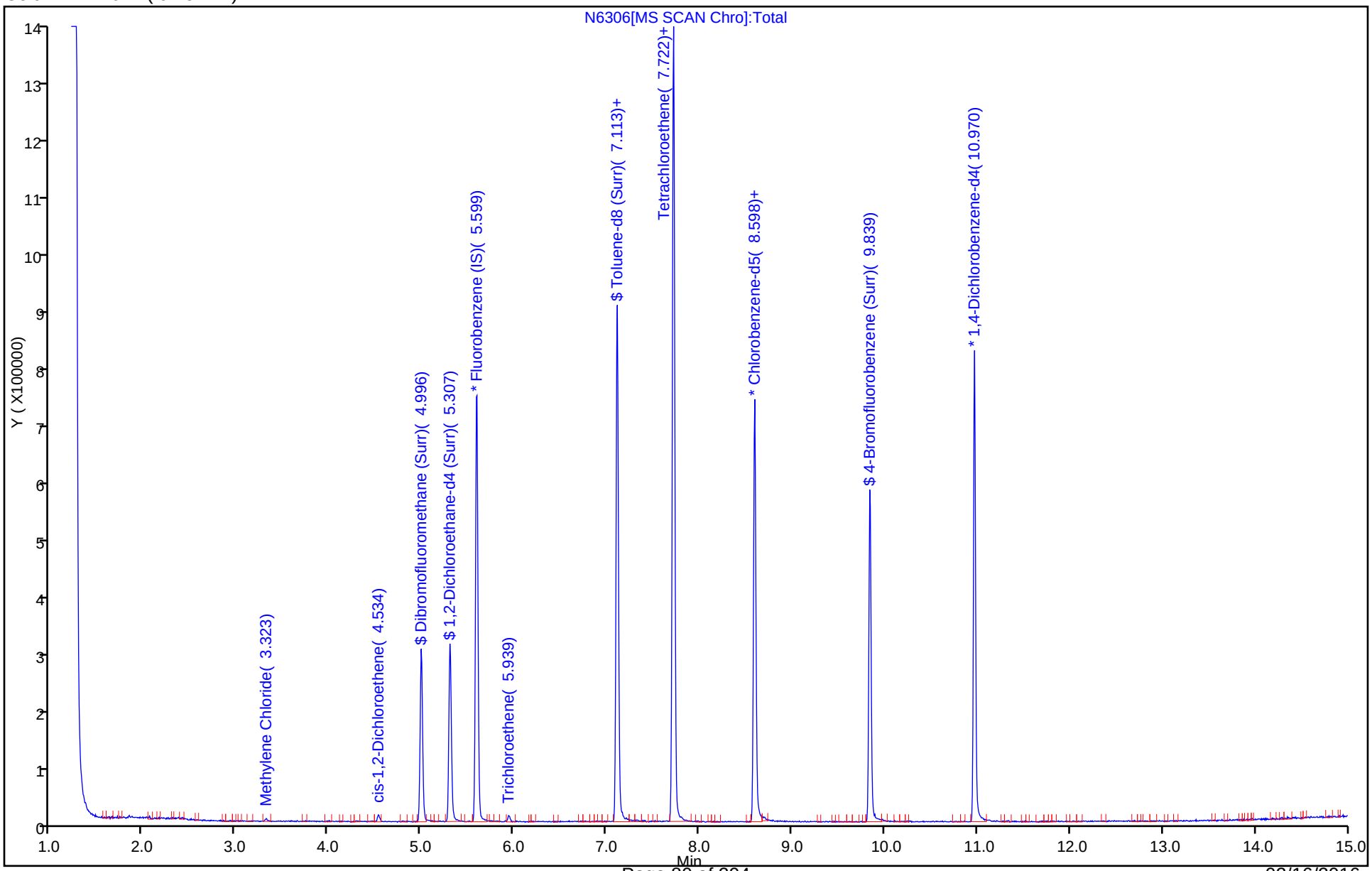
Report Date: 05-Jan-2016 16:39:29 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6306.D

Injection Date:	05-Jan-2016 15:24:30	Instrument ID:	HP5973N	Operator ID:	gtg
Lims ID:	480-93079-C-5	Lab Sample ID:	480-93079-5	Worklist Smp#:	33
Client ID:	MW-4				
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000	ALS Bottle#:	7
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)

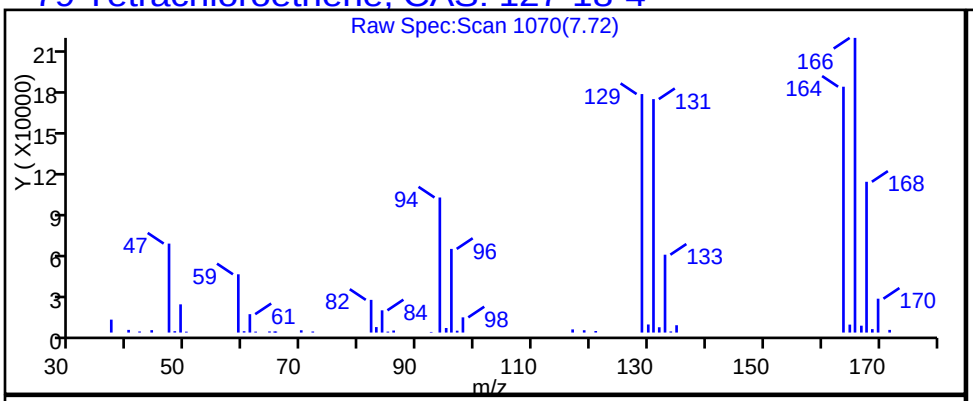


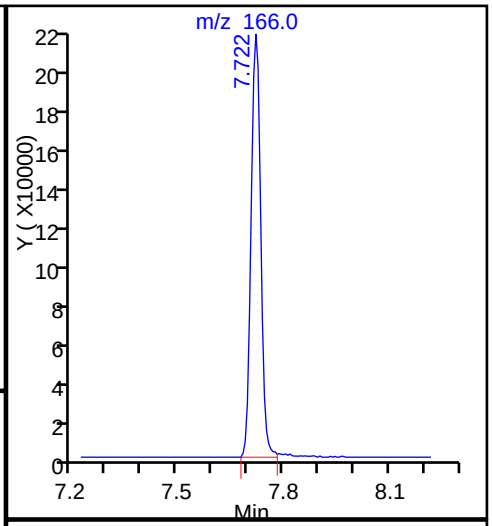
TestAmerica Buffalo

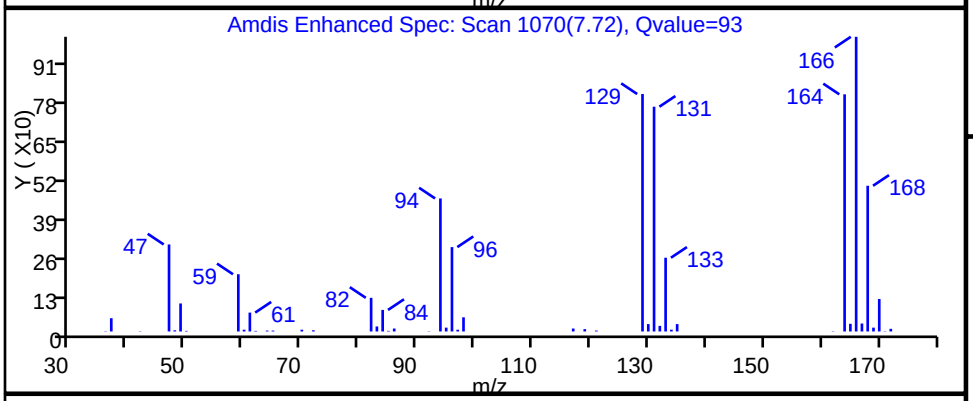
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6306.D

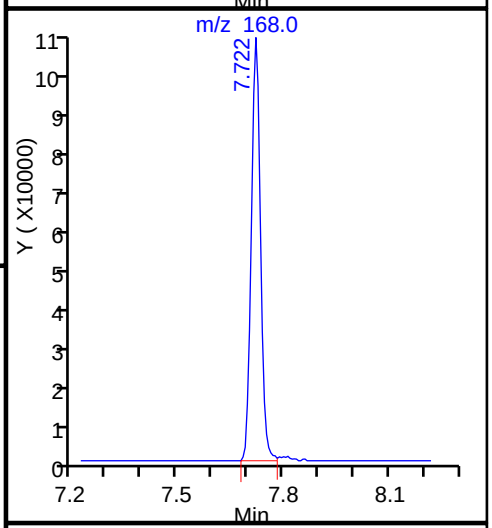
Injection Date:	05-Jan-2016 15:24:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-C-5	Lab Sample ID:	480-93079-5		
Client ID:	MW-4				
Operator ID:	gtg	ALS Bottle#:	7	Worklist Smp#:	33
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

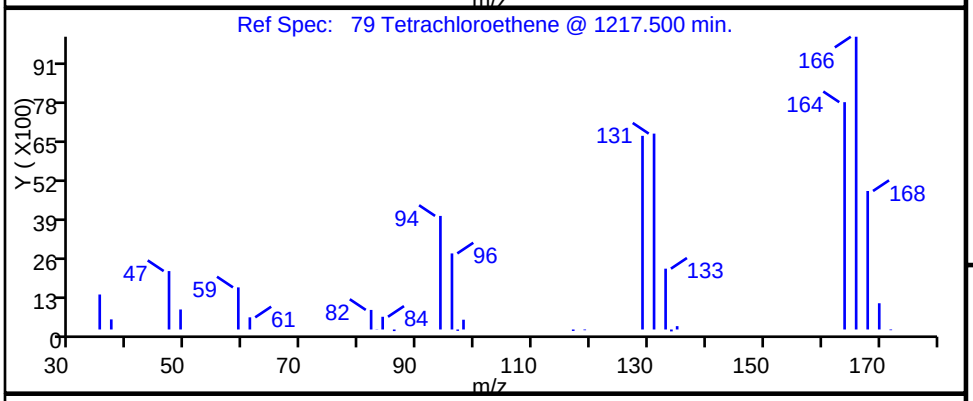
79 Tetrachloroethene, CAS: 127-18-4

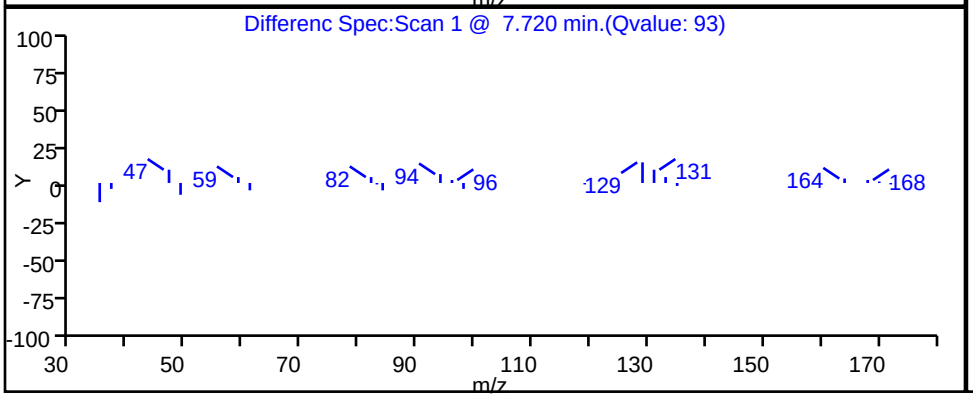


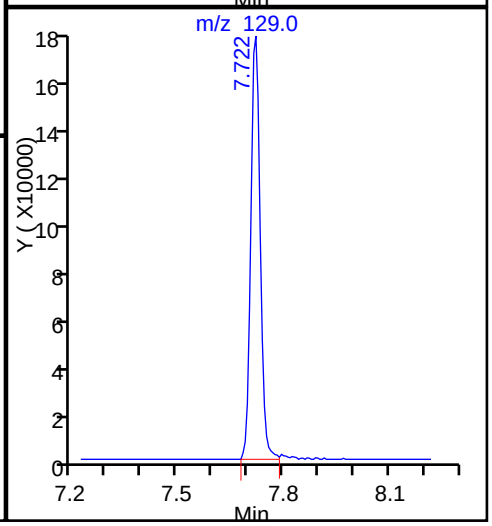










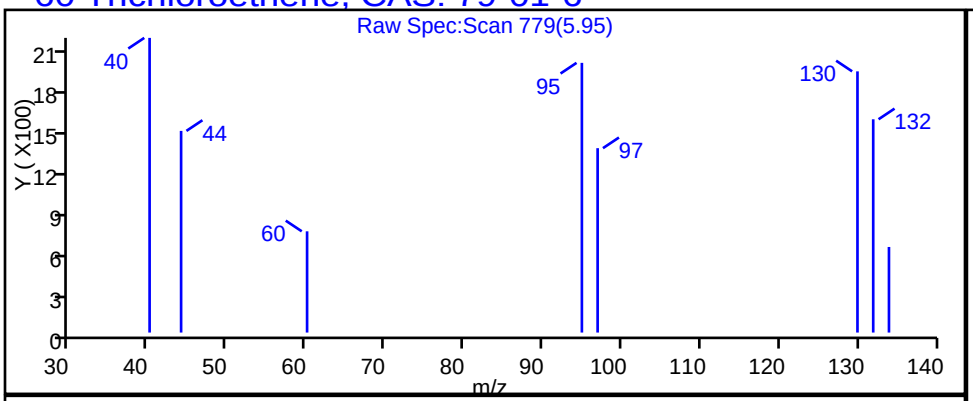


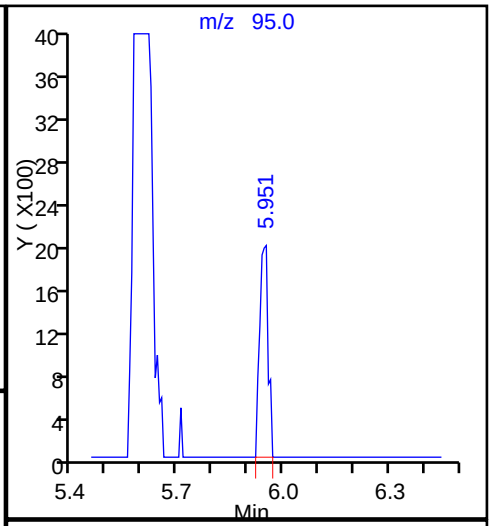
TestAmerica Buffalo

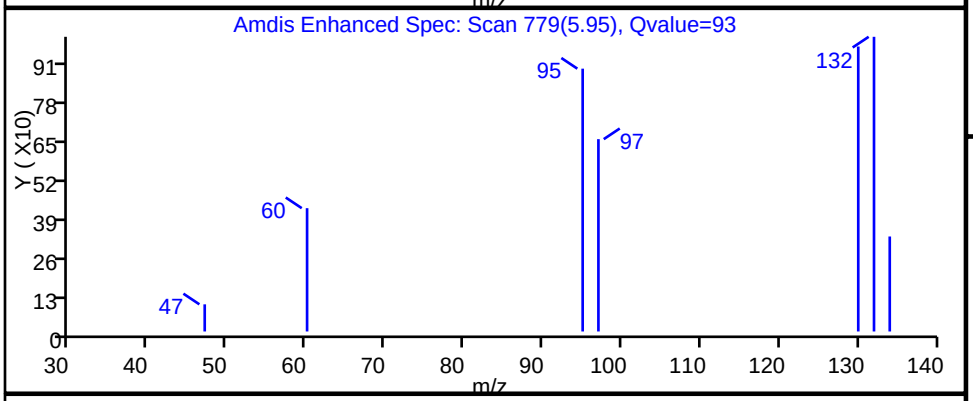
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6306.D

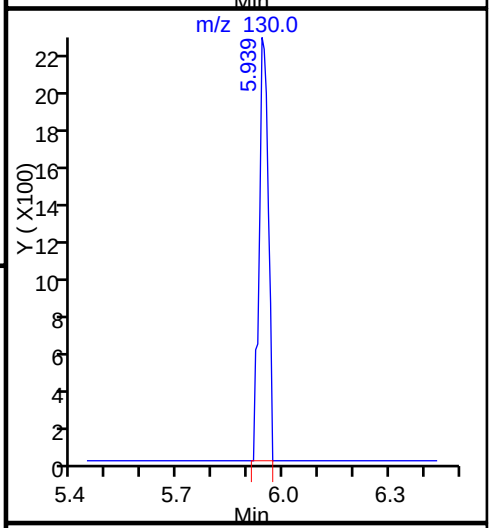
Injection Date:	05-Jan-2016 15:24:30	Instrument ID:	HP5973N
Lims ID:	480-93079-C-5	Lab Sample ID:	480-93079-5
Client ID:	MW-4		
Operator ID:	gtg	ALS Bottle#:	7 Worklist Smp#: 33
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

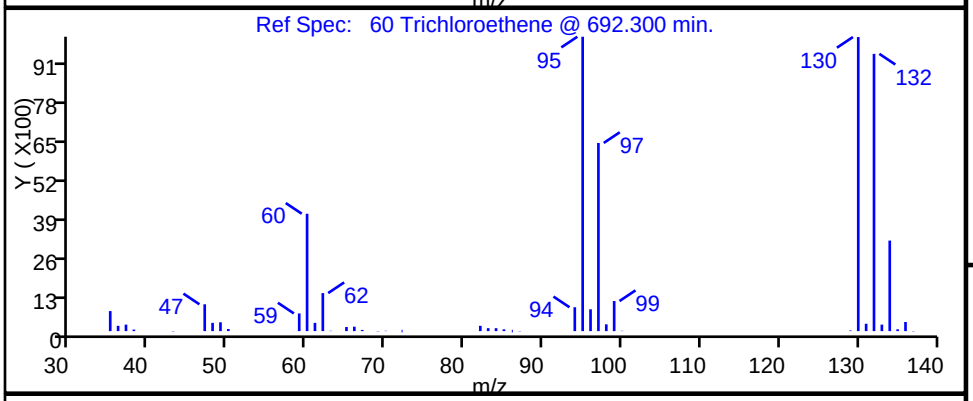
60 Trichloroethene, CAS: 79-01-6

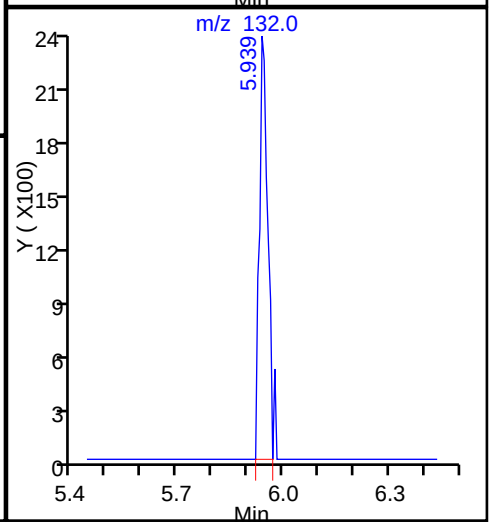


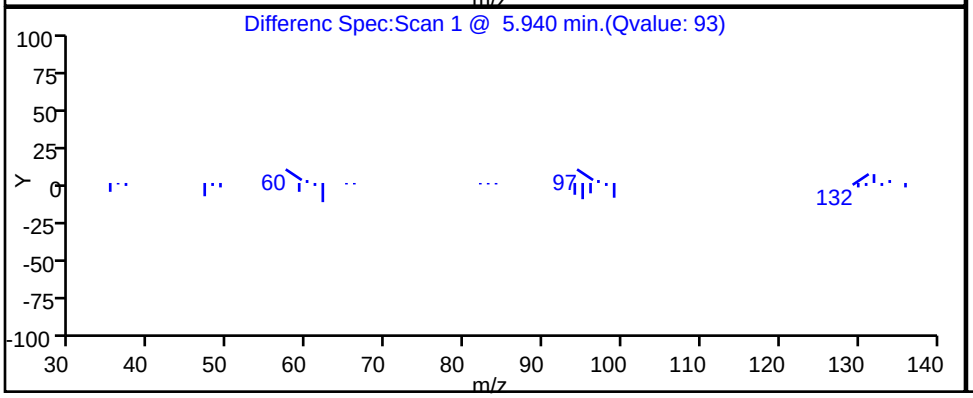












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-5 | Lab Sample ID: 480-93079-6

Matrix: Water | Lab File ID: N6262.D

Analysis Method: 8260C | Date Collected: 12/22/2015 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 20:27

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
75-34-3	1,1-Dichloroethane	ND		20	7.6
75-35-4	1,1-Dichloroethene	ND		20	5.8
95-63-6	1,2,4-Trimethylbenzene	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
108-67-8	1,3,5-Trimethylbenzene	ND		20	15
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
123-91-1	1,4-Dioxane	ND		800	190
78-93-3	2-Butanone (MEK)	ND		200	26
67-64-1	Acetone	ND		200	60
71-43-2	Benzene	ND		20	8.2
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
67-66-3	Chloroform	ND		20	6.8
156-59-2	cis-1,2-Dichloroethene	1100		20	16
100-41-4	Ethylbenzene	ND		20	15
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
75-09-2	Methylene Chloride	ND		20	8.8
104-51-8	n-Butylbenzene	ND		20	13
103-65-1	N-Propylbenzene	ND		20	14
135-98-8	sec-Butylbenzene	ND		20	15
127-18-4	*Tetrachloroethene*	*3200*	*E*	*20*	*7.2*
108-88-3	Toluene	ND		20	10
156-60-5	trans-1,2-Dichloroethene	34		20	18
79-01-6	Trichloroethene	1700		20	9.2
75-01-4	Vinyl chloride	ND		20	18
1330-20-7	Xylenes, Total	ND		40	13
98-06-6	tert-Butylbenzene	ND		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 480-93079-6

Matrix: Water Lab File ID: N6262.D

Analysis Method: 8260C Date Collected: 12/22/2015 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/04/2016 20:27

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282137 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	116		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
460-00-4	4-Bromofluorobenzene (Surr)	91		73-120
2037-26-5	Toluene-d8 (Surr)	102		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6262.D
Lims ID: 480-93079-A-6 Lab Sample ID: 480-93079-6
Client ID: MW-5
Sample Type: Client
Inject. Date: 04-Jan-2016 20:27:30 ALS Bottle#: 53 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 480-93079-A-6
Misc. Info.: 480-0049694-025
Operator ID: LH/RR Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Jan-2016 19:44:24 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: o'briens Date: 04-Jan-2016 20:44:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.593	0.006	98	124714	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	442934	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	217536	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	172178	29.1	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	210703	28.2	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	588000	25.6	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	90	171561	22.7	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96		2.812				ND	
23 Acetone	43		2.916				ND	
30 Methylene Chloride	84		3.323				ND	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	96	10765	1.70	
36 1,1-Dichloroethane	63		3.974				ND	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	364923	53.7	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.331				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95	5.939	5.939	0.000	95	524455	85.6	
66 1,4-Dioxane	88		6.310				ND	
73 Toluene	92		7.174				ND	
79 Tetrachloroethene	166	7.722	7.722	0.000	95	1110873	158.7	E
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.995				ND	
115 n-Butylbenzene	91		11.293				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

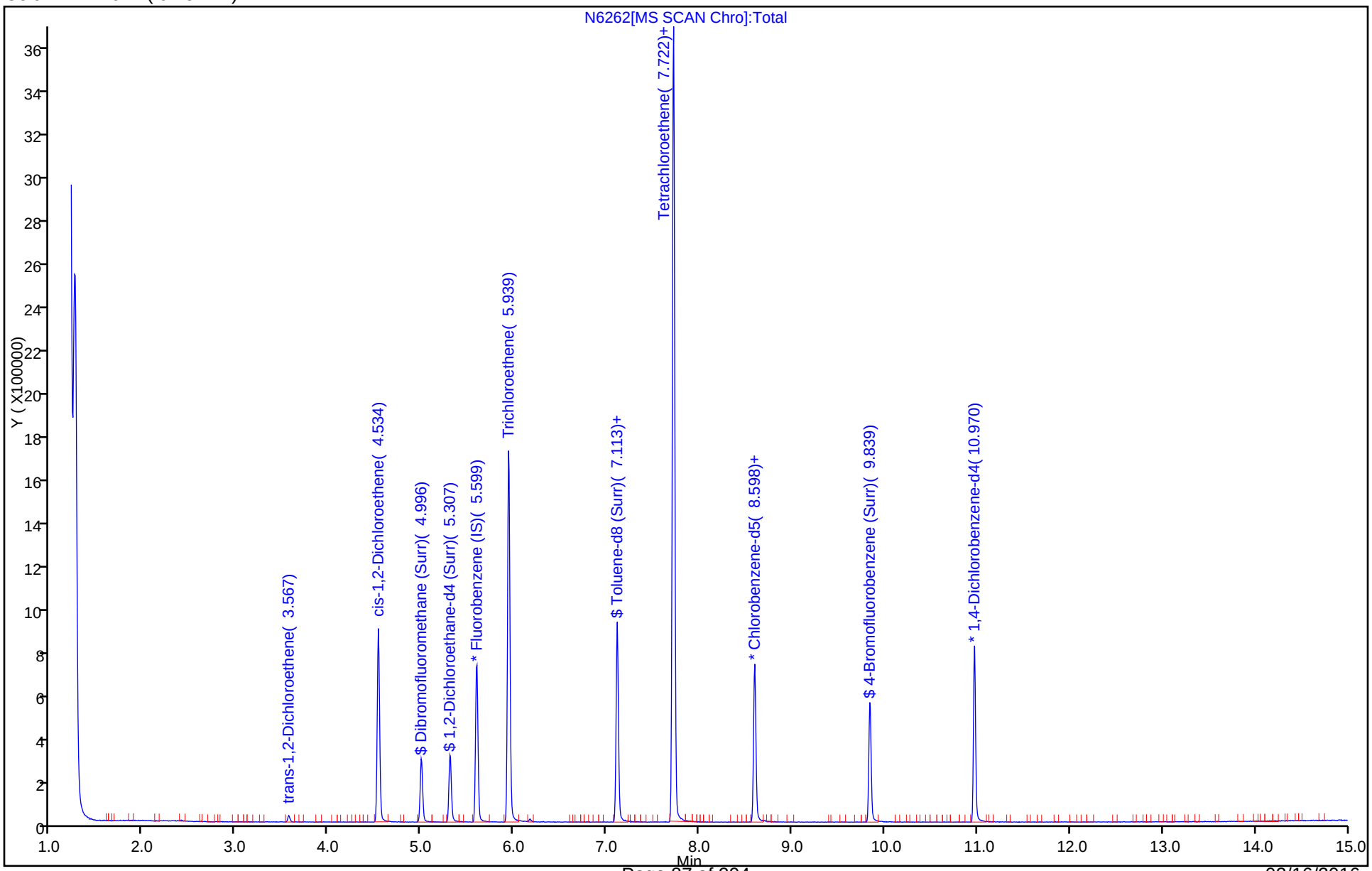
Report Date: 05-Jan-2016 16:30:10 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6262.D

Injection Date:	04-Jan-2016 20:27:30	Instrument ID:	HP5973N	Operator ID:	LH/RR
Lims ID:	480-93079-A-6	Lab Sample ID:	480-93079-6	Worklist Smp#:	25
Client ID:	MW-5				
Purge Vol:	5.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	53
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

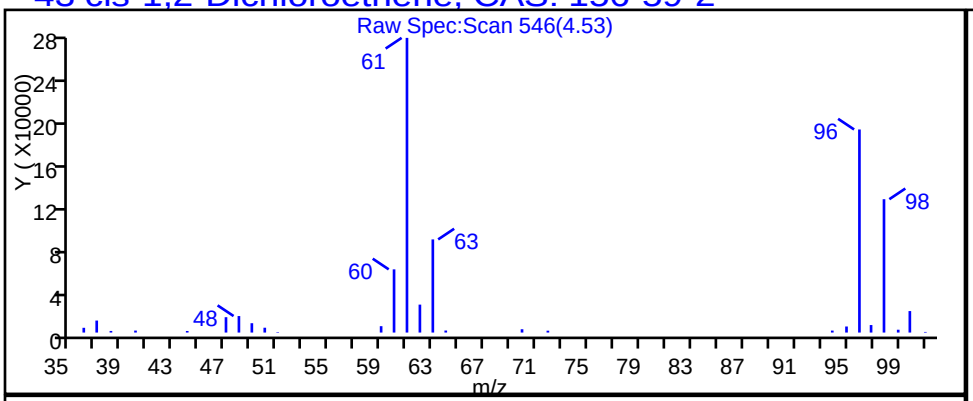
Column: ZB-624 (0.25 mm)

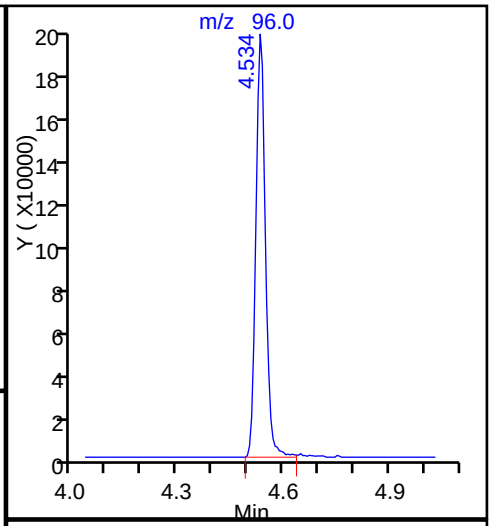


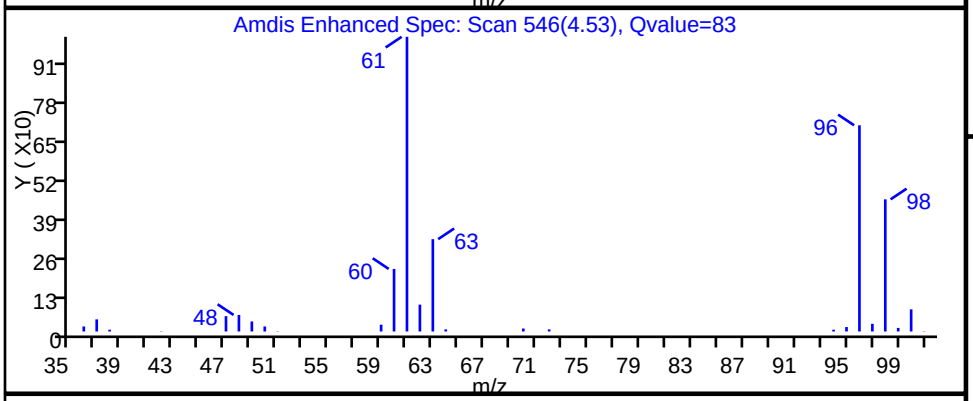
TestAmerica Buffalo

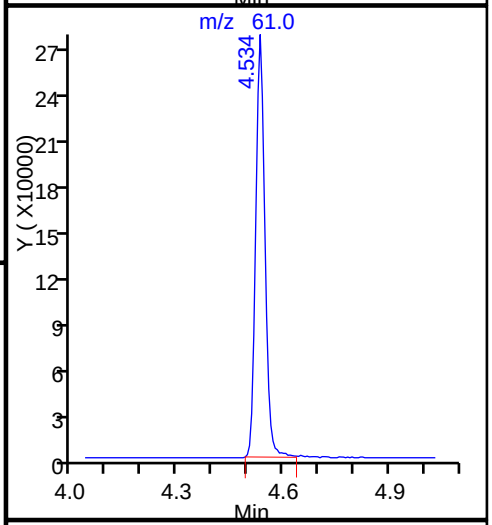
Data File:	\\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6262.D				
Injection Date:	04-Jan-2016 20:27:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-A-6	Lab Sample ID:	480-93079-6		
Client ID:	MW-5				
Operator ID:	LH/RR	ALS Bottle#:	53	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

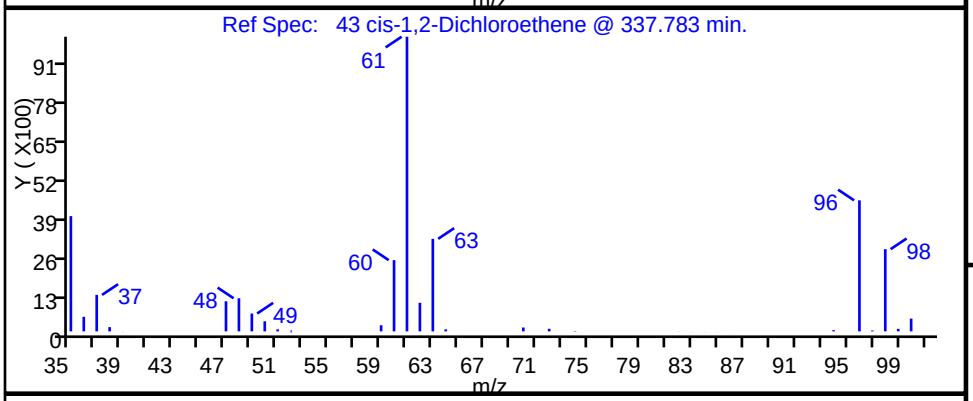
43 cis-1,2-Dichloroethene, CAS: 156-59-2

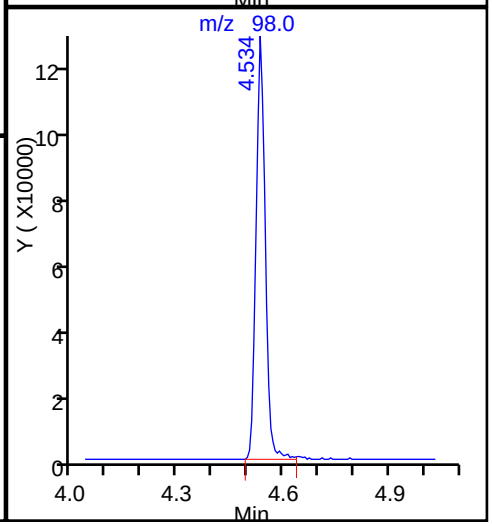


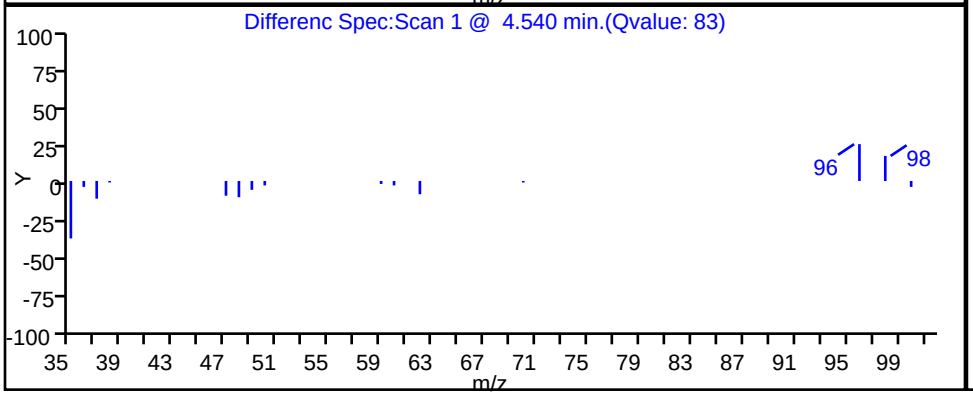












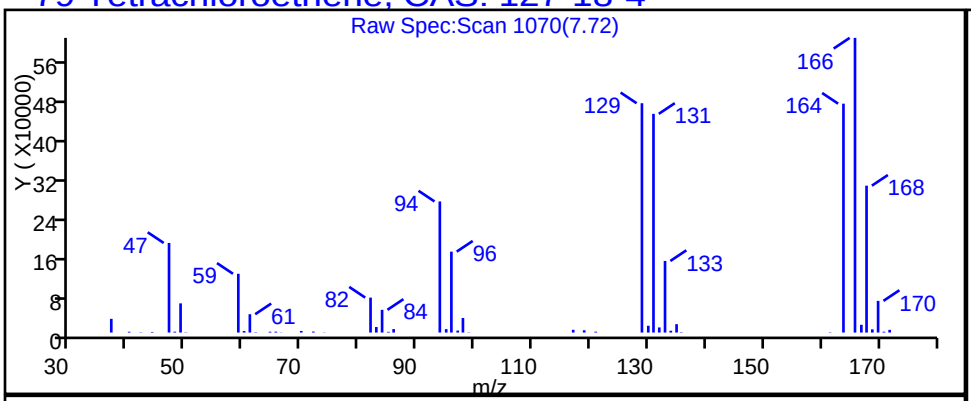
Report Date: 05-Jan-2016 16:30:10 Chrom Revision: 2.2 02-Dec-2015 11:51:48

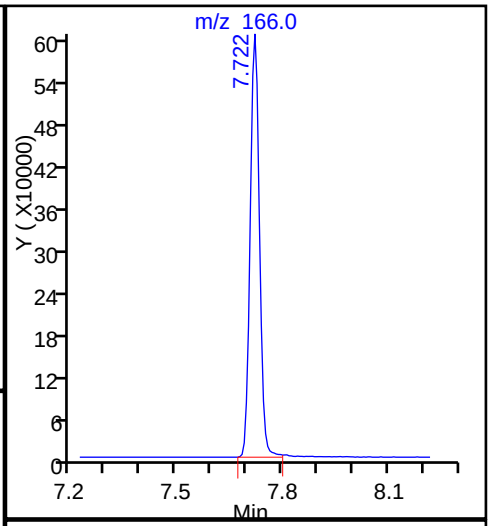
TestAmerica Buffalo

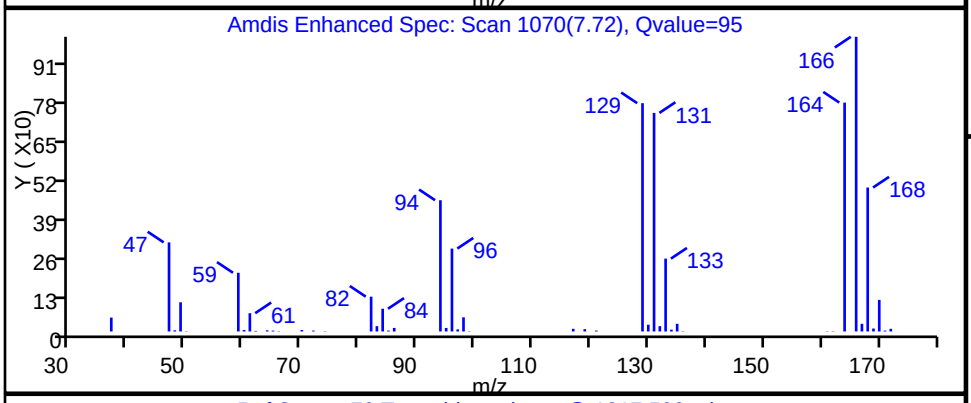
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6262.D

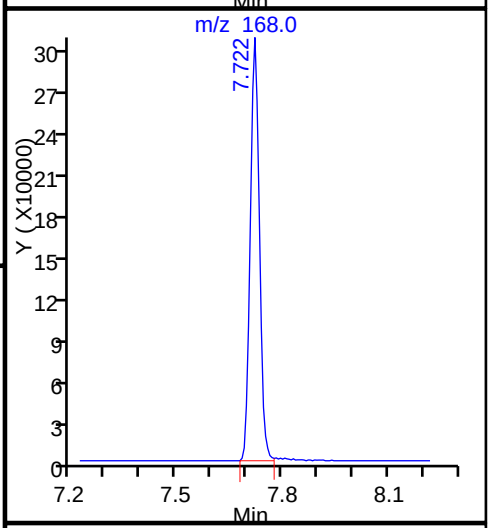
Injection Date:	04-Jan-2016 20:27:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-A-6	Lab Sample ID:	480-93079-6		
Client ID:	MW-5				
Operator ID:	LH/RR	ALS Bottle#:	53	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

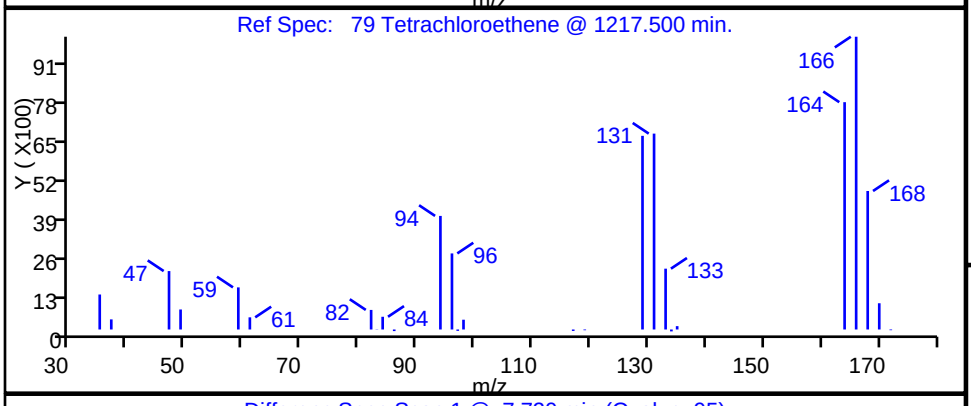
79 Tetrachloroethene, CAS: 127-18-4

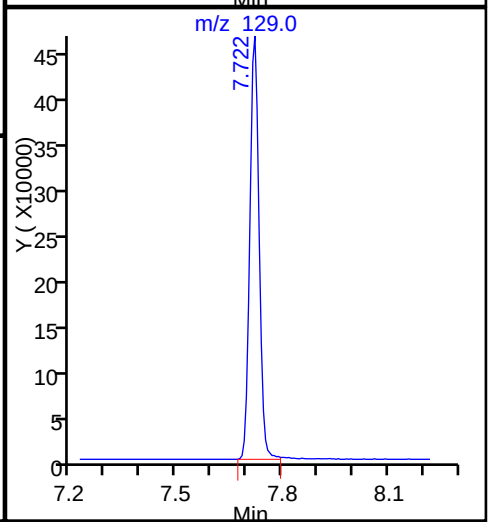


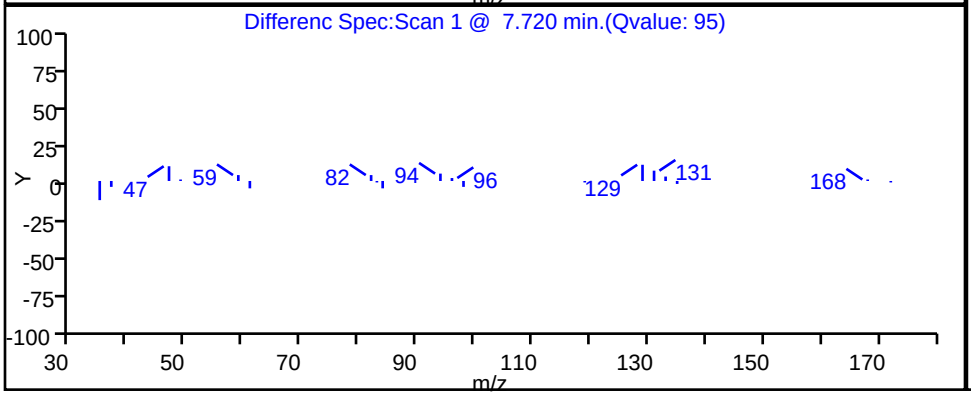








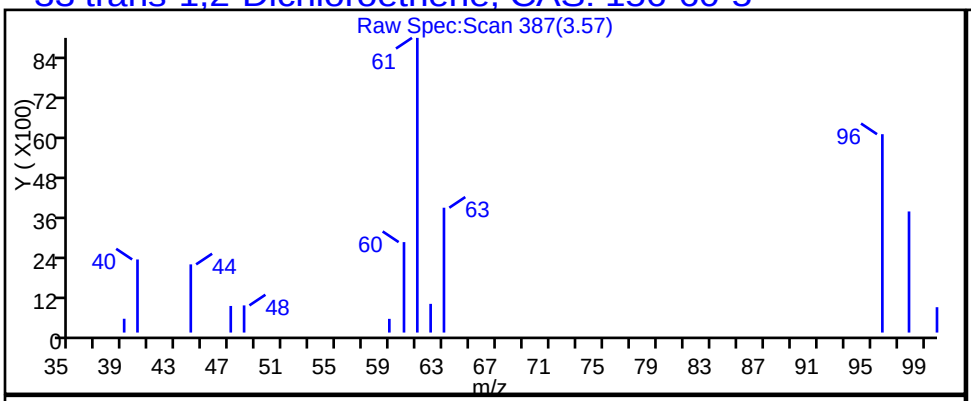


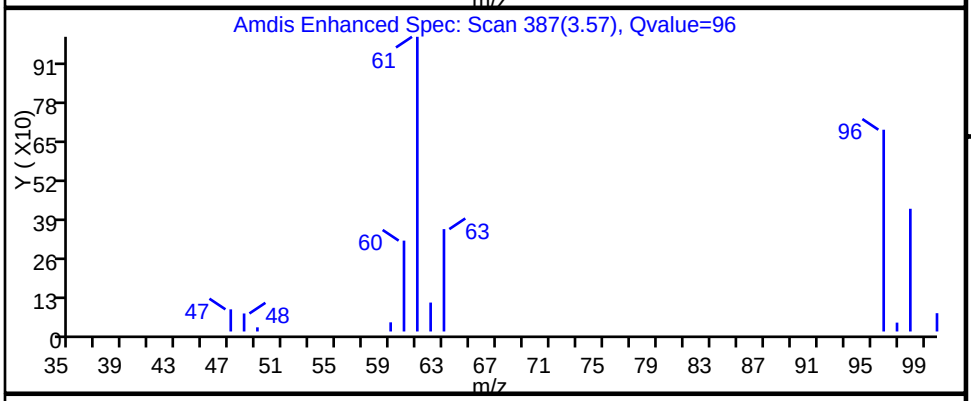


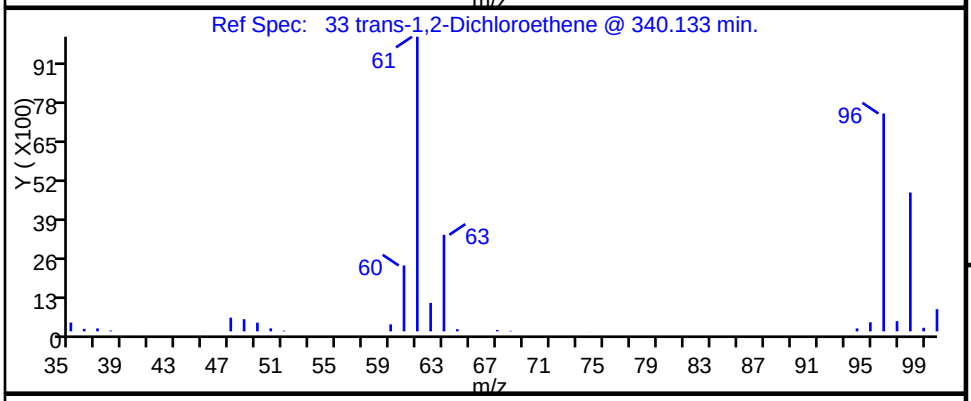
TestAmerica Buffalo

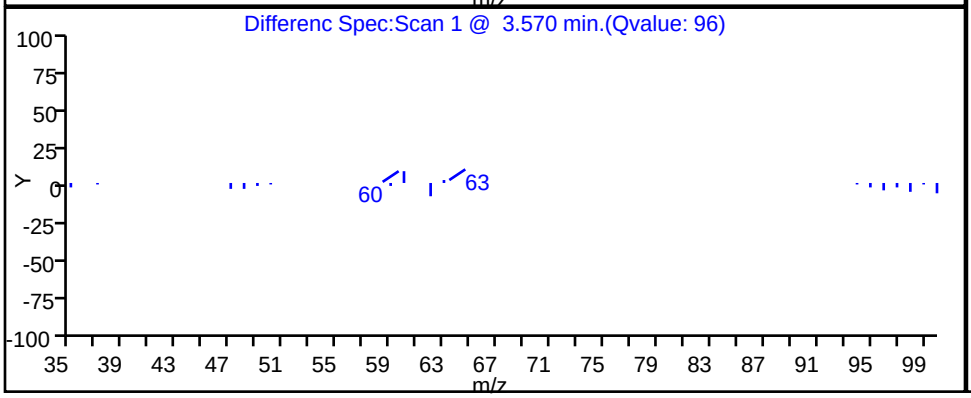
Data File:	\\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6262.D				
Injection Date:	04-Jan-2016 20:27:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-A-6	Lab Sample ID:	480-93079-6		
Client ID:	MW-5				
Operator ID:	LH/RR	ALS Bottle#:	53	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	20.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

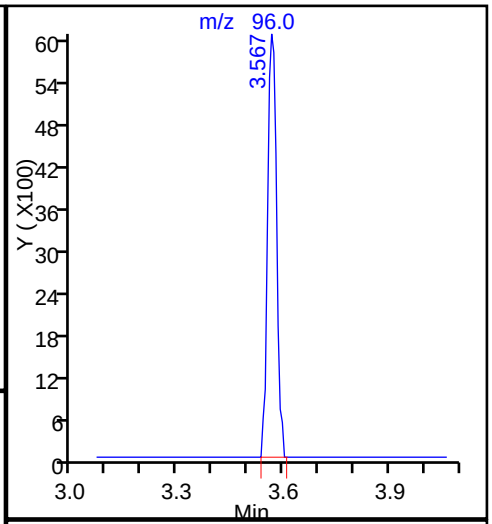
33 trans-1,2-Dichloroethene, CAS: 156-60-5

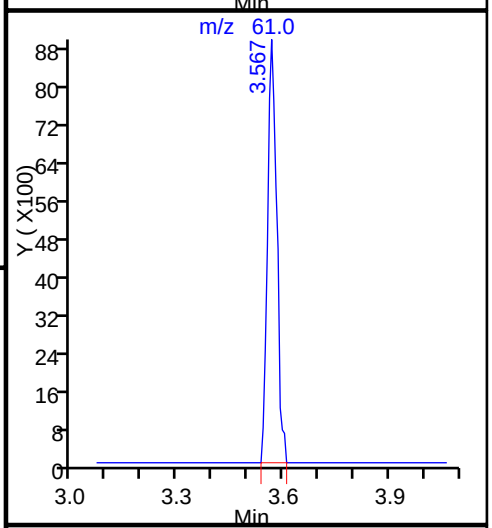


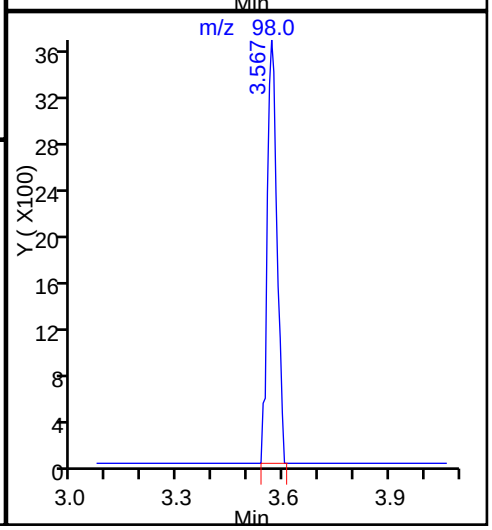










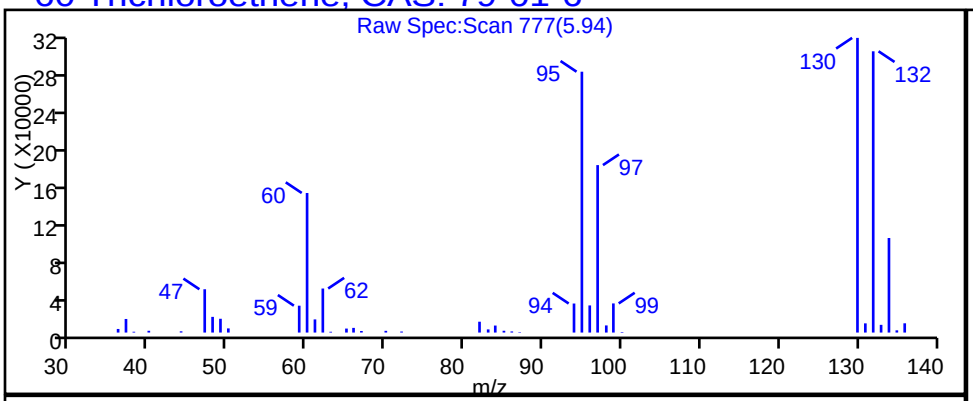


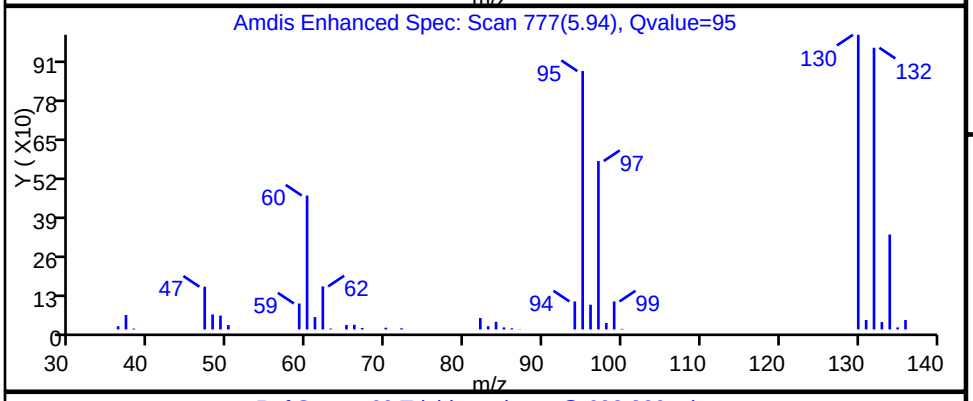
TestAmerica Buffalo

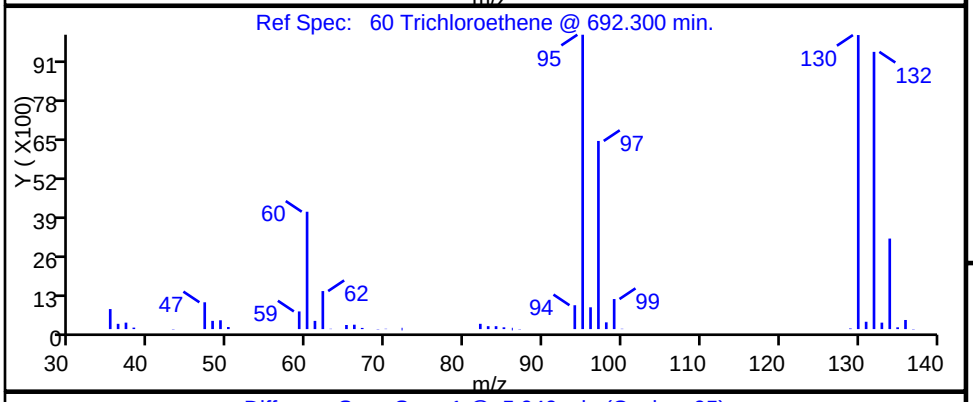
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6262.D

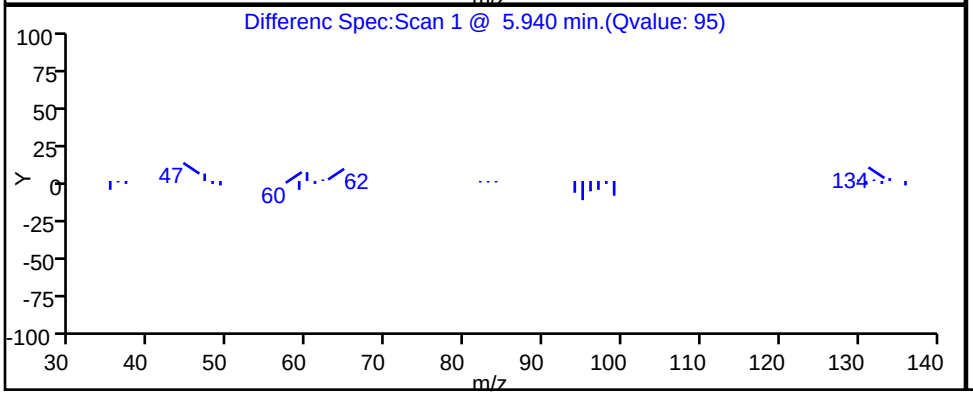
Injection Date:	04-Jan-2016 20:27:30	Instrument ID:	HP5973N
Lims ID:	480-93079-A-6	Lab Sample ID:	480-93079-6
Client ID:	MW-5		
Operator ID:	LH/RR	ALS Bottle#:	53 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	20.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

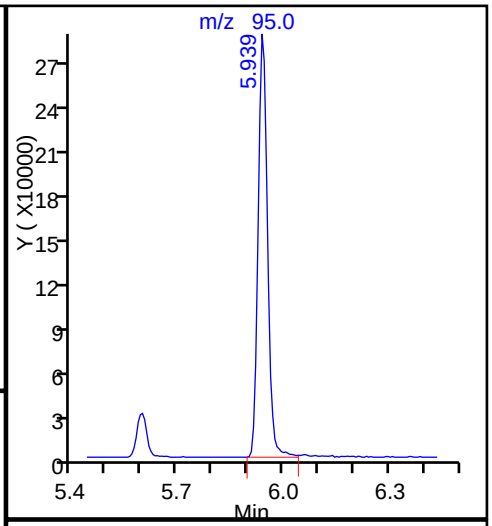
60 Trichloroethene, CAS: 79-01-6

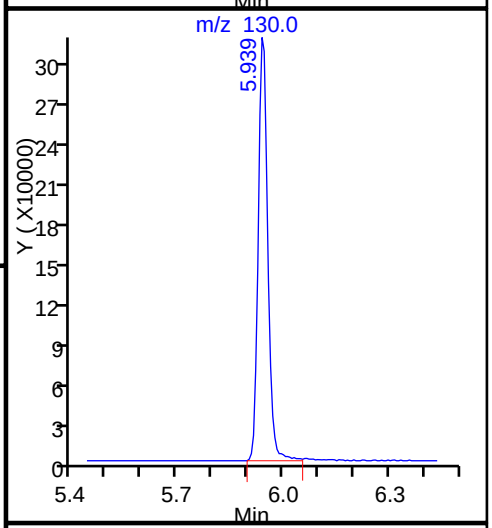


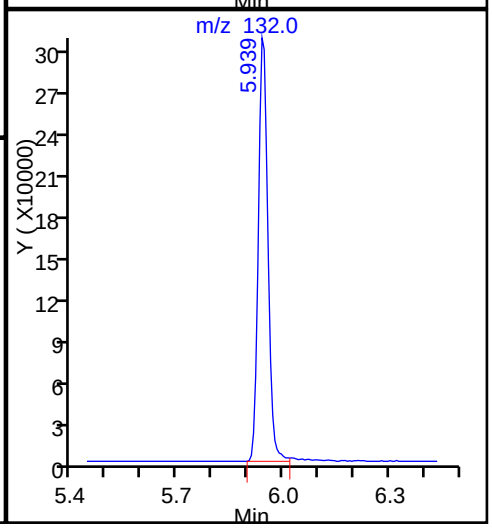












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-5 DL | Lab Sample ID: 480-93079-6 DL

Matrix: Water | Lab File ID: N6287.D

Analysis Method: 8260C | Date Collected: 12/22/2015 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 07:52

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		50	41
75-34-3	1,1-Dichloroethane	ND		50	19
75-35-4	1,1-Dichloroethene	ND		50	15
95-63-6	1,2,4-Trimethylbenzene	ND		50	38
95-50-1	1,2-Dichlorobenzene	ND		50	40
107-06-2	1,2-Dichloroethane	ND		50	11
108-67-8	1,3,5-Trimethylbenzene	ND		50	39
541-73-1	1,3-Dichlorobenzene	ND		50	39
106-46-7	1,4-Dichlorobenzene	ND		50	42
123-91-1	1,4-Dioxane	ND		2000	470
78-93-3	2-Butanone (MEK)	ND		500	66
67-64-1	Acetone	ND		500	150
71-43-2	Benzene	ND		50	21
56-23-5	Carbon tetrachloride	ND		50	14
108-90-7	Chlorobenzene	ND		50	38
67-66-3	Chloroform	ND		50	17
156-59-2	cis-1,2-Dichloroethene	910		50	41
100-41-4	Ethylbenzene	ND		50	37
1634-04-4	Methyl tert-butyl ether	ND		50	8.0
75-09-2	Methylene Chloride	ND		50	22
104-51-8	n-Butylbenzene	ND		50	32
103-65-1	N-Propylbenzene	ND		50	35
135-98-8	sec-Butylbenzene	ND		50	38
127-18-4	Tetrachloroethene	3000		50	18
108-88-3	Toluene	ND		50	26
156-60-5	trans-1,2-Dichloroethene	ND		50	45
79-01-6	Trichloroethene	1500		50	23
75-01-4	Vinyl chloride	ND		50	45
1330-20-7	Xylenes, Total	ND		100	33
98-06-6	tert-Butylbenzene	ND		50	41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-5 DL Lab Sample ID: 480-93079-6 DL

Matrix: Water Lab File ID: N6287.D

Analysis Method: 8260C Date Collected: 12/22/2015 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 07:52

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	117		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		66-137
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
2037-26-5	Toluene-d8 (Surr)	98		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6287.D
Lims ID: 480-93079-B-6 Lab Sample ID: 480-93079-6
Client ID: MW-5
Sample Type: Client
Inject. Date: 05-Jan-2016 07:52:30 ALS Bottle#: 78 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 480-93079-B-6
Misc. Info.: 480-0049715-027
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 10:05:57 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 10:04:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	119956	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	437415	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	96	215983	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	166646	29.2	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	212261	29.5	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	554723	24.4	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	166537	22.3	
14 Vinyl chloride	62		1.644				ND	
22 1,1-Dichloroethene	96		2.819				ND	
23 Acetone	43		2.916				ND	
30 Methylene Chloride	84		3.323				ND	
32 Methyl tert-butyl ether	73		3.555				ND	
33 trans-1,2-Dichloroethene	96	3.561	3.567	-0.006	95	3915	0.6417	
36 1,1-Dichloroethane	63		3.981				ND	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	119494	18.3	
44 2-Butanone (MEK)	43		4.558				ND	
50 Chloroform	83		4.844				ND	
51 1,1,1-Trichloroethane	97		4.972				ND	
53 Carbon tetrachloride	117		5.118				ND	
55 Benzene	78		5.331				ND	
57 1,2-Dichloroethane	62		5.380				ND	
60 Trichloroethene	95	5.939	5.939	0.000	95	173622	29.5	
66 1,4-Dioxane	88		6.311				ND	
73 Toluene	92		7.180				ND	
79 Tetrachloroethene	166	7.722	7.722	0.000	95	416266	60.2	
85 Chlorobenzene	112		8.628				ND	
88 Ethylbenzene	91		8.720				ND	
90 m-Xylene & p-Xylene	106		8.841				ND	
91 o-Xylene	106		9.273				ND	
100 N-Propylbenzene	91		10.076				ND	
104 1,3,5-Trimethylbenzene	105		10.253				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134		10.569				ND	
108 1,2,4-Trimethylbenzene	105		10.618				ND	
109 sec-Butylbenzene	105		10.776				ND	
110 1,3-Dichlorobenzene	146		10.904				ND	
113 1,4-Dichlorobenzene	146		10.989				ND	
115 n-Butylbenzene	91		11.293				ND	
116 1,2-Dichlorobenzene	146		11.342				ND	
S 126 Xylenes, Total	1		30.000				ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

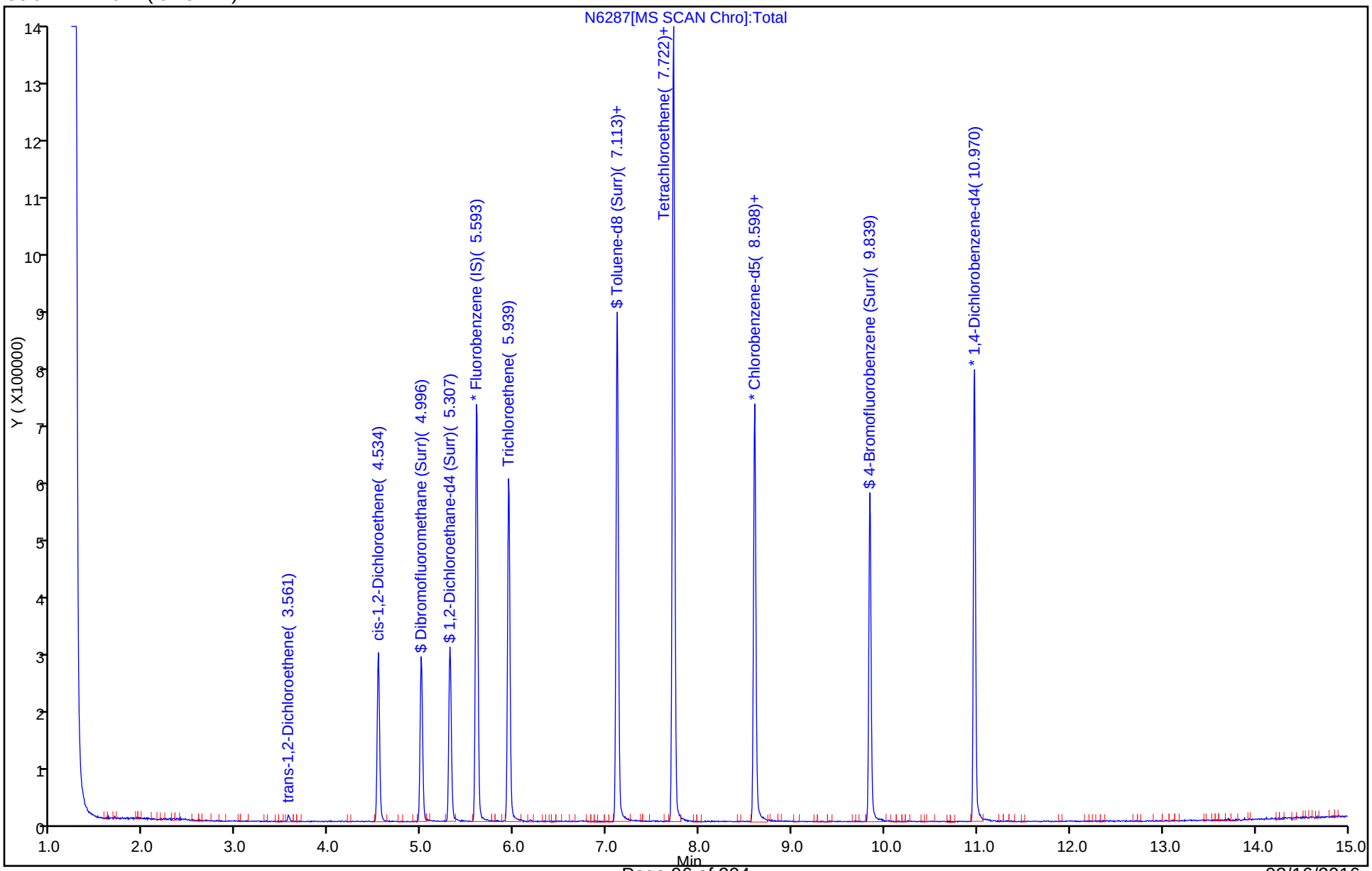
Report Date: 05-Jan-2016 10:08:15 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6287.D

Injection Date:	05-Jan-2016 07:52:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	480-93079-B-6	Lab Sample ID:	480-93079-6	Worklist Smp#:	27
Client ID:	MW-5				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	78
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

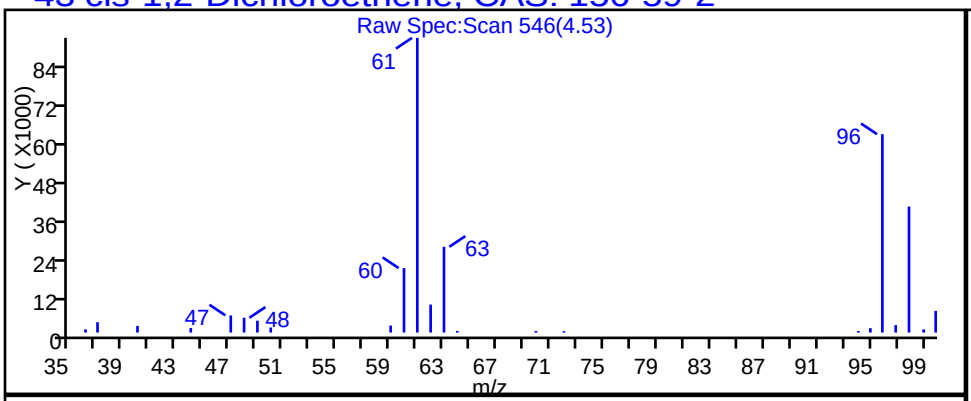
Column: ZB-624 (0.25 mm)

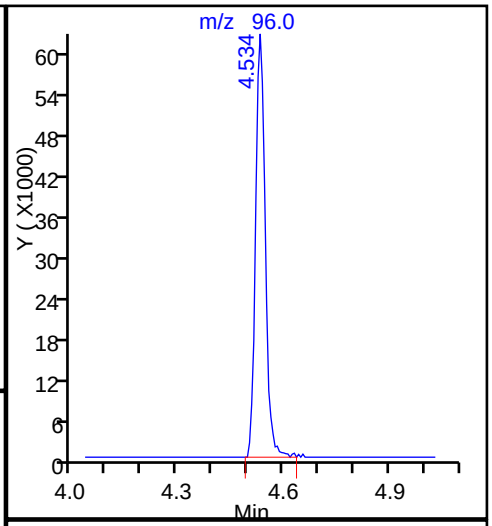


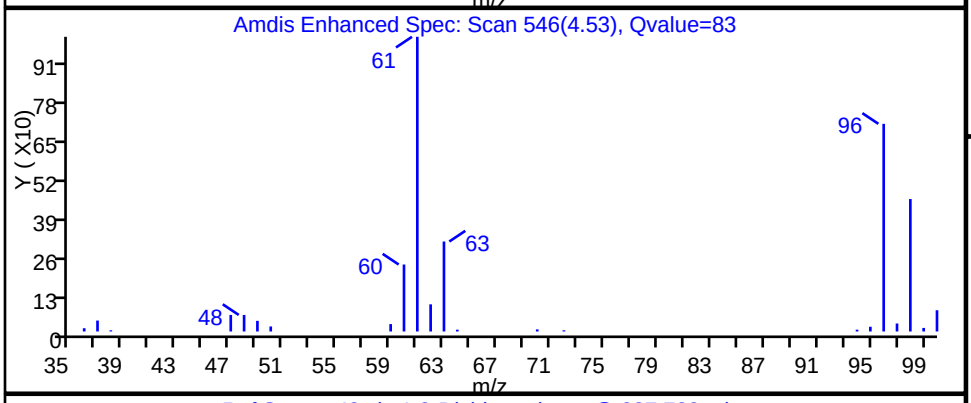
TestAmerica Buffalo

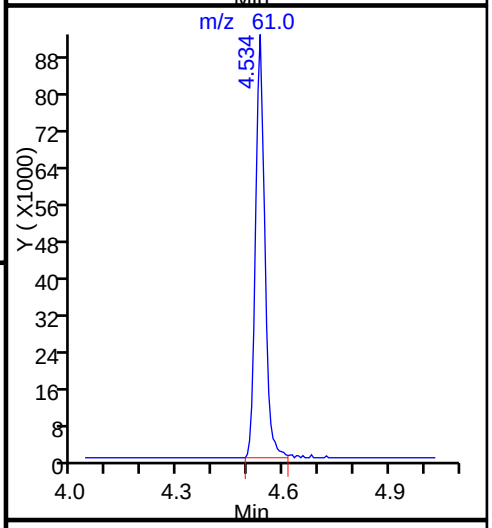
Data File:	\\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6287.D				
Injection Date:	05-Jan-2016 07:52:30	Instrument ID:	HP5973N		
Lims ID:	480-93079-B-6	Lab Sample ID:	480-93079-6		
Client ID:	MW-5				
Operator ID:	SO	ALS Bottle#:	78	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN		

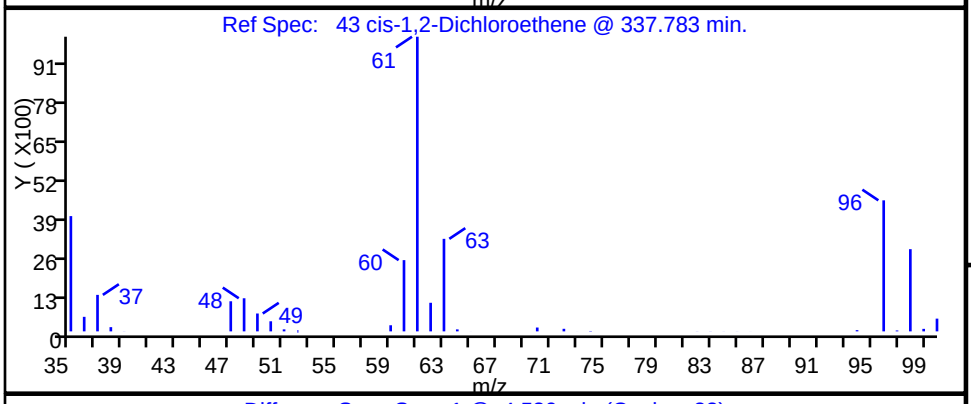
43 cis-1,2-Dichloroethene, CAS: 156-59-2

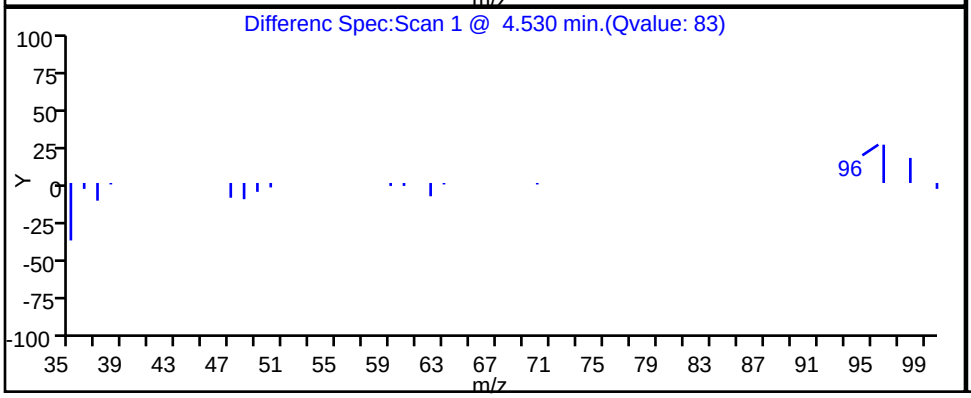


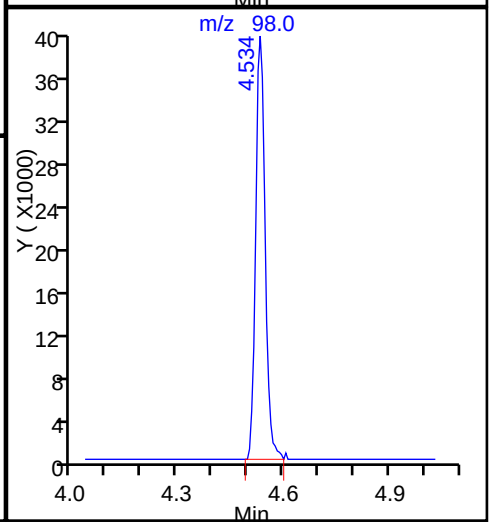










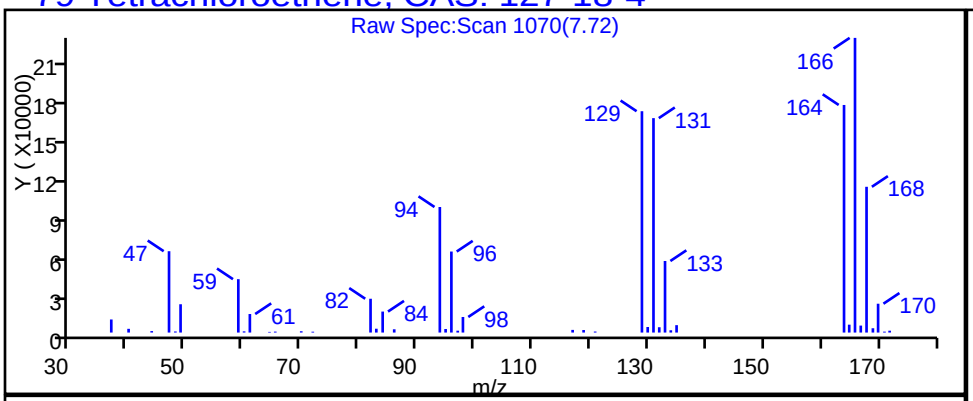


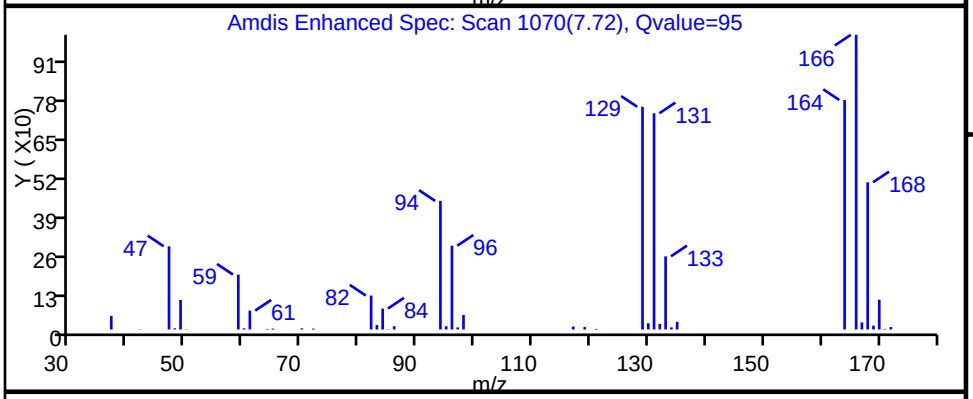
TestAmerica Buffalo

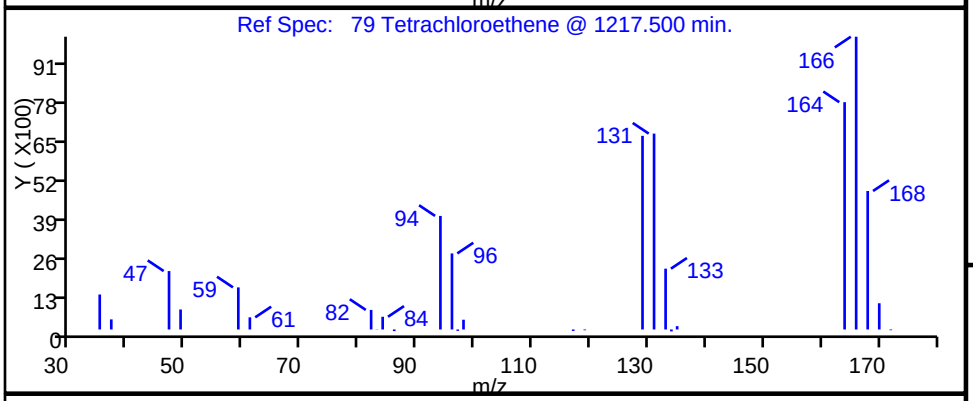
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6287.D

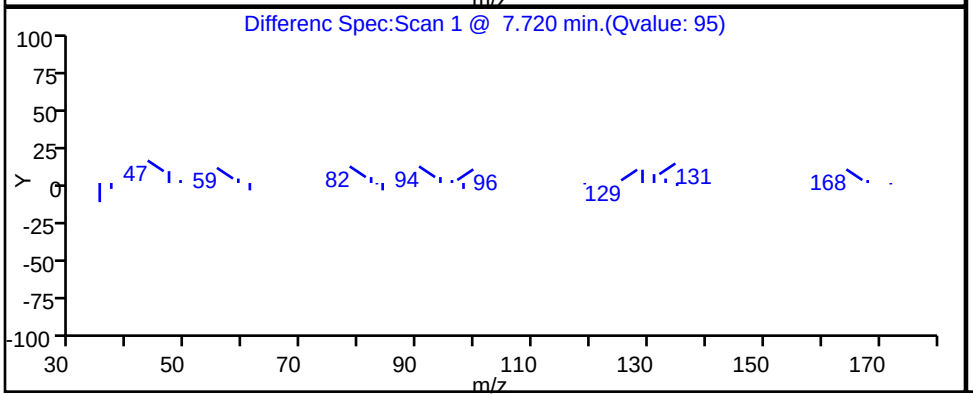
Injection Date:	05-Jan-2016 07:52:30	Instrument ID:	HP5973N
Lims ID:	480-93079-B-6	Lab Sample ID:	480-93079-6
Client ID:	MW-5		
Operator ID:	SO	ALS Bottle#:	78 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.25 mm)	Detector	MS SCAN

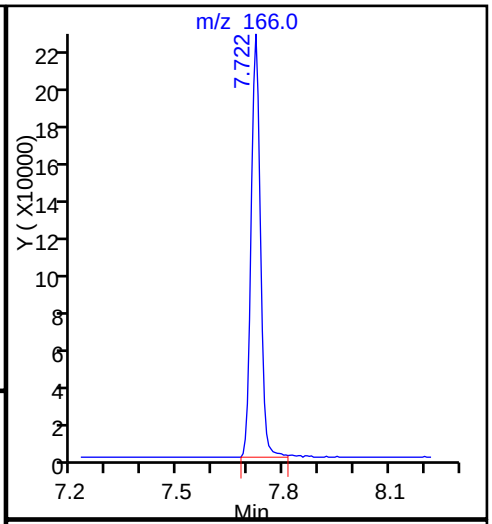
79 Tetrachloroethene, CAS: 127-18-4

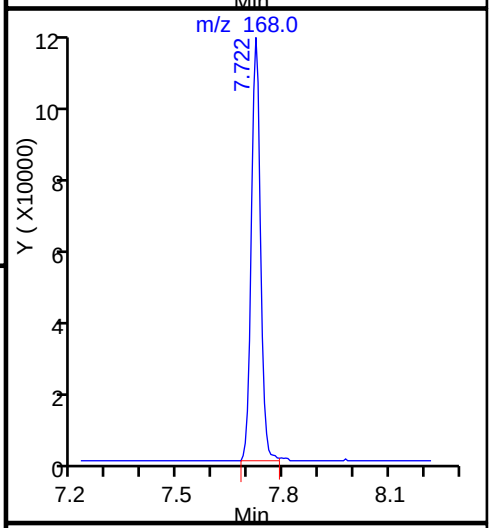


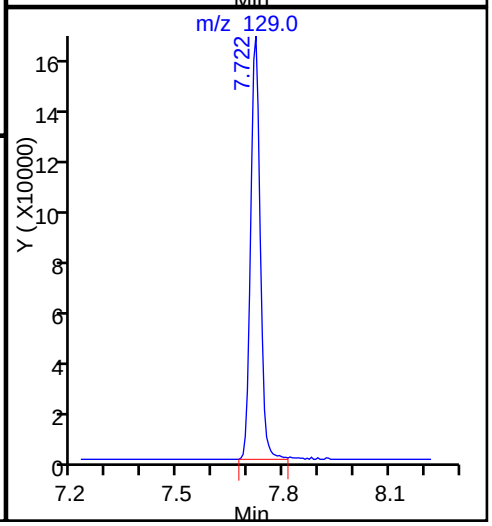






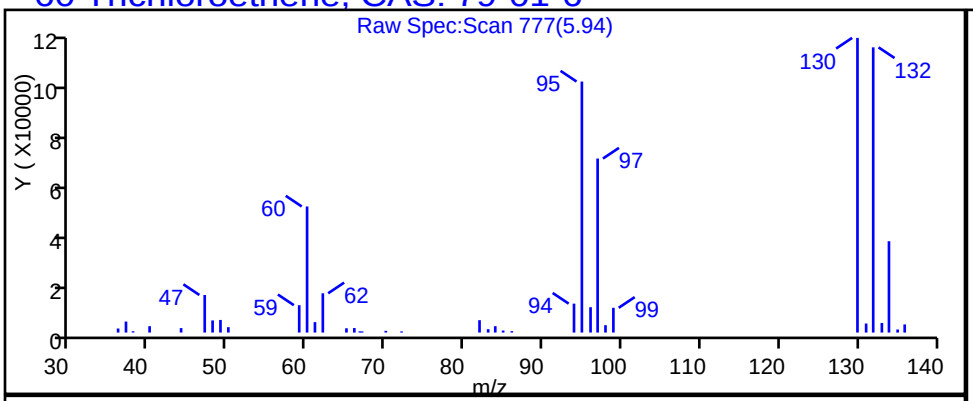


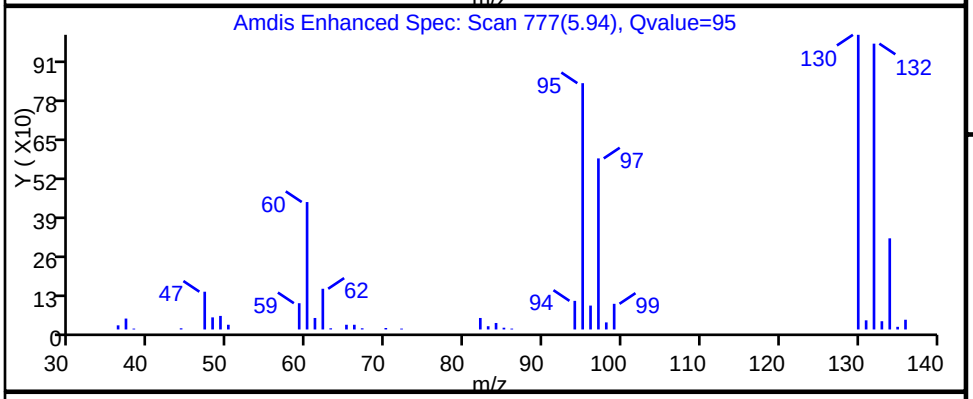


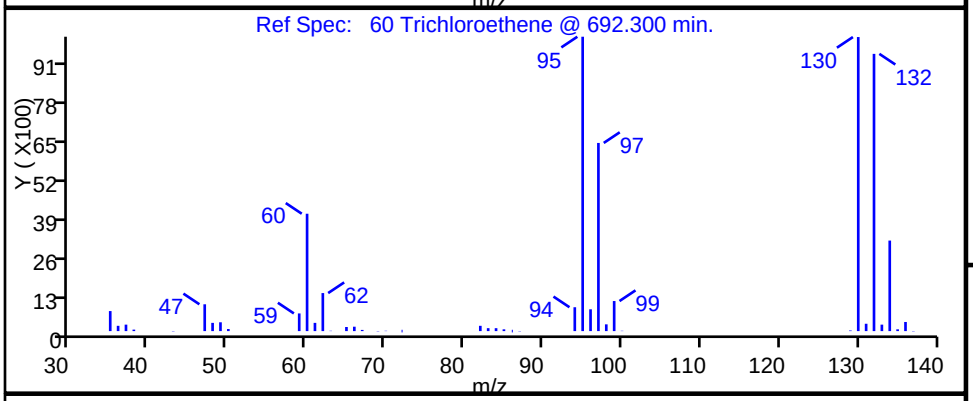


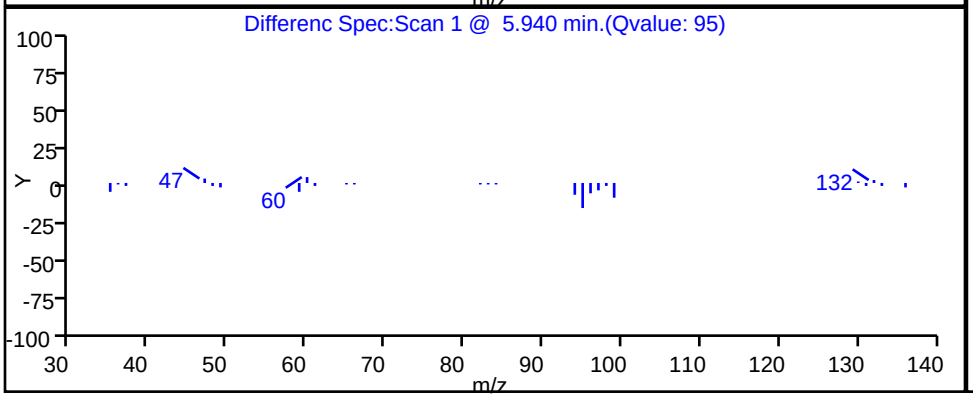
Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6287.D
Injection Date: 05-Jan-2016 07:52:30 Instrument ID: HP5973N
Lims ID: 480-93079-B-6 Lab Sample ID: 480-93079-6
Client ID: MW-5
Operator ID: SO ALS Bottle#: 78 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

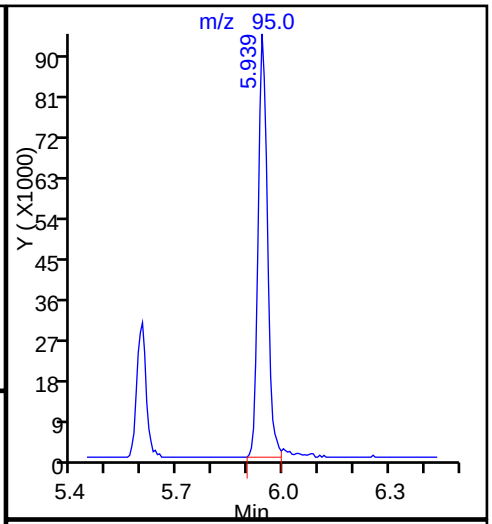
60 Trichloroethene, CAS: 79-01-6

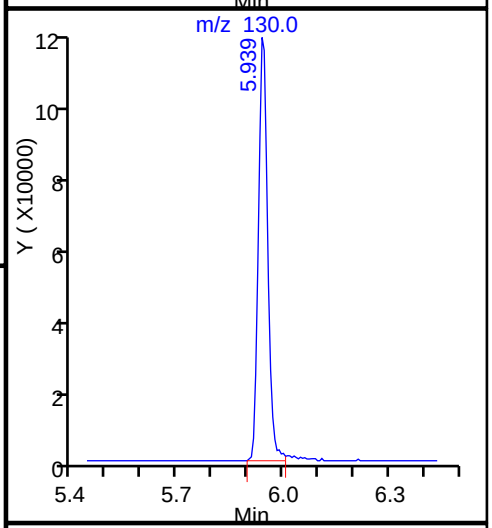


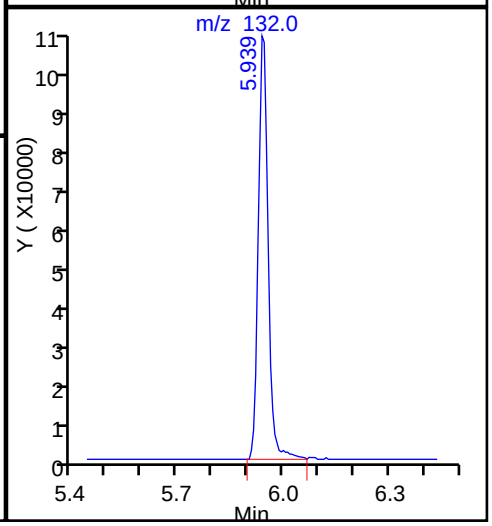












FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-281170/3	N5883.D
Level 2	IC 480-281170/4	N5884.D
Level 3	IC 480-281170/5	N5885.D
Level 4	IC 480-281170/6	N5886.D
Level 5	IC 480-281170/7	N5887.D
Level 6	ICIS 480-281170/8	N5888.D
Level 7	IC 480-281170/9	N5889.D
Level 8	IC 480-281170/10	N5890.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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	1.0480 1.3384	1.5074 1.2330	1.4630 1.1361	1.2838	1.2890	Ave		1.2873			0.1000	11.9		20.0			
Chloromethane	2.2232 1.7390	2.1530 1.5918	1.9648 1.5162	1.8124	1.7636	Ave		1.8455			0.1000	13.6		20.0			
Vinyl chloride	1.2255 1.2834	1.5818 1.1894	1.5432 1.1019	1.2708	1.2717	Ave		1.3085			0.1000	12.8		20.0			
Butadiene	1.2426 1.2781	1.6314 1.2050	1.5384 1.1020	1.3699	1.3451	Ave		1.3391				13.0		20.0			
Bromomethane	0.4467 0.4858	0.5923 0.4810	0.5478 0.4676	0.4077	0.4821	Ave		0.4889			0.1000	11.8		20.0			
Chloroethane	+++++ 0.6076	0.7433 0.5760	0.6764 0.5340	0.5912	0.5980	Ave		0.6181			0.1000	11.3		20.0			
Dichlorofluoromethane	2.0722 1.5742	1.9322 1.4685	1.8358 1.4170	1.4473	1.4057	Ave		1.6441				16.0		20.0			
Trichlorofluoromethane	1.1847 1.4628	1.4197 1.4530	1.4609 1.3943	1.4009	1.4588	Ave		1.4044			0.1000	6.6		20.0			
Ethyl ether	1.3000 1.3729	1.4895 1.3451	1.4665 1.2547	1.3060	1.3686	Ave		1.3629				6.0		20.0			
Acrolein	0.3783 0.3421	0.4127 0.3322	0.3531 0.3133	0.3114	0.3405	Ave		0.3479				9.7		20.0			
1,1-Dichloroethene	1.2125 1.1462	1.2918 1.1118	1.3221 1.0629	1.2149	1.1688	Ave		1.1914			0.1000	7.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.0907	1.0393 1.0873	1.0948 0.9723	1.0482	1.0660	Ave		1.0569			0.1000	4.1		20.0			
Acetone	0.7780 0.6589	0.6101 0.5226	0.5511 0.5686	0.5306	0.5524	Ave		0.5965			0.1000	14.4		20.0			
Iodomethane	1.7162 1.9335	2.1092 1.8871	2.0597 1.7052	1.8165	1.8958	Ave		1.8904				7.7		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	3.7705 3.6401	4.3277 3.5770	4.1945 3.2628	3.7370	3.6285	Ave		3.7673			0.1000	9.1		20.0			
Allyl chloride	3.7432 2.8116	3.2641 2.6968	3.4810 2.4217	2.9429	2.8204	Ave		3.0227				14.5		20.0			
Methyl acetate	1.8786 1.7023	1.6783 1.5806	1.7191 1.3862	1.7441	1.6937	Ave		1.6728			0.1000	8.5		20.0			
Methylene Chloride	+++++ 1.2607	1.7688 1.2265	1.5737 1.1404	1.2641	1.3015	Ave		1.3622			0.1000	16.4		20.0			
2-Methyl-2-propanol	0.1524 0.1442	0.1617 0.1322	0.1554 0.1678	0.1598	0.1556	Ave		0.1537				7.2		20.0			
Methyl tert-butyl ether	4.4903 4.3715	5.0121 4.2124	4.6923 3.8225	4.1932	4.4462	Ave		4.4051			0.1000	8.1		20.0			
trans-1,2-Dichloroethene	1.1950 1.2481	1.4501 1.1964	1.4328 1.0937	1.2693	1.2873	Ave		1.2716			0.1000	9.5		20.0			
Acrylonitrile	0.7715 0.7343	0.9196 0.6881	0.7355 0.6165	0.7091	0.7104	Ave		0.7356				11.8		20.0			
Hexane	2.5161 2.1835	2.5829 2.1295	2.6756 1.9739	2.4380	2.2958	Ave		2.3494				10.4		20.0			
1,1-Dichloroethane	2.2410 2.4298	2.7866 2.3731	2.7551 2.1503	2.4157	2.4980	Ave		2.4562			0.2000	9.1		20.0			
Vinyl acetate	3.9164 3.6577	3.9321 3.5360	3.5196 3.1880	3.4870	3.5477	Ave		3.5981				6.7		20.0			
2,2-Dichloropropane	1.2422 1.1736	1.3373 1.1829	1.3617 0.9874	1.2143	1.2534	Ave		1.2191				9.5		20.0			
cis-1,2-Dichloroethene	1.4087 1.3324	1.4095 1.3098	1.4977 1.2106	1.3683	1.3703	Ave		1.3634			0.1000	6.2		20.0			
2-Butanone (MEK)	1.0687 0.9858	1.1042 0.9617	1.0570 0.9130	0.9546	0.8936	Ave		0.9923			0.1000	7.7		20.0			
Chlorobromomethane	0.8890 0.7134	0.7124 0.7158	0.7216 0.6568	0.6665	0.7286	Ave		0.7255				9.8		20.0			
Tetrahydrofuran	+++++ 0.7419	0.8589 0.7208	0.7980 0.7086	0.7389	0.7151	Ave		0.7546				7.3		20.0			
Chloroform	2.1348 2.0937	2.4862 2.0320	2.3170 1.8662	2.1156	2.1396	Ave		2.1481			0.2000	8.6		20.0			
1,1,1-Trichloroethane	1.6909 1.6499	2.0006 1.6560	1.8497 1.4380	1.6691	1.6315	Ave		1.6982			0.1000	9.7		20.0			
Cyclohexane	2.3207 2.4040	3.0186 2.4328	2.7346 2.1782	2.5613	2.4556	Ave		2.5132			0.1000	10.4		20.0			
Carbon tetrachloride	1.1379 1.5762	1.7649 1.5671	1.6149 1.4410	1.5100	1.4974	Ave		1.5137			0.1000	11.9		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	1.5735 1.7328	1.8516 1.7019	1.8573 1.5702	1.7954	1.7411	Ave		1.7280				6.4		20.0			
Isobutyl alcohol	0.1005 0.1042	0.1188 0.1014	0.0839 0.1033	0.1015	0.1005	Ave		0.1018				9.3		20.0			
Benzene	5.1047 4.6763	5.7647 4.5909	5.2634 4.1205	4.9323	4.8911	Ave		4.9180			0.5000	9.9		20.0			
1,2-Dichloroethane	2.0690 1.9272	2.2481 1.8673	2.0374 1.7438	1.8631	1.9213	Ave		1.9596			0.1000	7.9		20.0			
n-Heptane	2.9303 2.5700	3.6592 2.4836	2.7825 2.3231	2.7415	2.5555	Ave		2.7557				14.9		20.0			
Trichloroethene	1.0527 1.2118	1.4555 1.1942	1.3943 1.1230	1.2102	1.1824	Ave		1.2280			0.2000	10.9		20.0			
Methylcyclohexane	2.2608 2.2479	2.6277 2.2321	2.7431 1.9500	2.3271	2.3118	Ave		2.3376			0.1000	10.5		20.0			
1,2-Dichloropropane	1.2105 1.2612	1.4187 1.2457	1.2836 1.1857	1.2712	1.2286	Ave		1.2631			0.1000	5.6		20.0			
Dibromomethane	+++++ 0.7386	0.6850 0.7530	0.7379 0.7348	0.6983	0.7524	Ave		0.7286			0.1000	3.6		20.0			
1,4-Dioxane	+++++ 0.0041	+++++ 0.0042	0.0019 0.0039	0.0031	0.0044	Lin1	-0.065	0.0041							0.9960		0.9900
Bromodichloromethane	1.4994 1.4401	1.6270 1.5016	1.4305 1.4373	1.2989	1.3970	Ave		1.4540			0.2000	6.5		20.0			
2-Chloroethyl vinyl ether	0.5442 0.8722	0.7494 0.9027	0.5905 0.9423	0.7691	0.8114	Ave		0.7727				18.5		20.0			
cis-1,3-Dichloropropene	1.4515 1.9315	1.8989 1.9784	1.6845 1.9149	1.7805	1.8971	Ave		1.8172			0.2000	9.6		20.0			
4-Methyl-2-pentanone (MIBK)	0.1634 0.1909	0.2025 0.1804	0.1937 0.1752	0.1882	0.1870	Ave		0.1852			0.1000	6.5		20.0			
Toluene	0.8516 0.8431	1.0608 0.8384	0.9301 0.7995	0.9250	0.8781	Ave		0.8908			0.4000	9.2		20.0			
trans-1,3-Dichloropropene	0.3565 0.4901	0.4704 0.4966	0.4236 0.4941	0.4855	0.4714	Ave		0.4610			0.1000	10.5		20.0			
Ethyl methacrylate	0.3985 0.4659	0.4607 0.4667	0.4278 0.4739	0.4681	0.4608	Ave		0.4528				5.8		20.0			
1,1,2-Trichloroethane	0.2130 0.2474	0.2879 0.2410	0.2426 0.2399	0.2474	0.2406	Ave		0.2450			0.1000	8.4		20.0			
Tetrachloroethene	0.4044 0.3794	0.4438 0.3728	0.4174 0.3548	0.3961	0.3922	Ave		0.3951			0.2000	7.0		20.0			
1,3-Dichloropropane	0.5170 0.5155	0.5068 0.5245	0.4833 0.5157	0.5637	0.5263	Ave		0.5191				4.3		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.3207 0.3646	0.3846 0.3465	0.3542 0.3282	0.3656	0.3518	Ave		0.3520			0.1000	5.9		20.0			
Dibromochloromethane	0.2665 0.3193	0.3090 0.3265	0.2835 0.3350	0.2894	0.3086	Ave		0.3047			0.1000	7.6		20.0			
1,2-Dibromoethane	0.2489 0.3049	0.2956 0.3095	0.2849 0.3084	0.2984	0.2984	Ave		0.2936				6.7		20.0			
Chlorobenzene	0.9298 0.9325	1.0850 0.9257	0.9912 0.8819	0.9840	0.9448	Ave		0.9594			0.5000	6.4		20.0			
1,1,1,2-Tetrachloroethane	0.2888 0.3419	0.3890 0.3384	0.3608 0.3302	0.3240	0.3428	Ave		0.3395				8.5		20.0			
Ethylbenzene	1.6755 1.5101	1.9195 1.4692	1.7439 1.3456	1.6467	1.5682	Ave		1.6098			0.1000	11.0		20.0			
m,p-Xylene	0.6228 0.6015	0.6822 0.6064	0.6457 0.5863	0.6600	0.6239	Ave		0.6286			0.1000	5.1		20.0			
o-Xylene	0.6500 0.6303	0.6755 0.6058	0.6991 0.5798	0.6576	0.6482	Ave		0.6433			0.3000	5.9		20.0			
Styrene	0.9348 0.9950	1.0419 0.9837	0.9831 0.9282	0.9965	0.9885	Ave		0.9815			0.3000	3.7		20.0			
Bromoform	0.1392 0.1855	0.1739 0.1942	0.1598 0.2078	0.1657	0.1707	Ave		0.1746			0.1000	12.2		20.0			
Isopropylbenzene	3.0293 3.0575	3.5852 3.0141	3.3689 2.6494	3.2709	3.1580	Ave		3.1417			0.1000	8.9		20.0			
Bromobenzene	0.7211 0.7783	0.8424 0.7992	0.7865 0.7517	0.8006	0.8085	Ave		0.7860				4.7		20.0			
1,1,2,2-Tetrachloroethane	0.8697 0.8011	0.8766 0.8022	0.8258 0.7615	0.7956	0.7855	Ave		0.8148			0.3000	4.9		20.0			
1,2,3-Trichloropropane	0.1909 0.2607	0.2276 0.2649	0.2477 0.2541	0.2799	0.2654	Ave		0.2489				11.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2906	0.2812 0.2981	0.2429 0.3079	0.2666	0.2519	Ave		0.2770				8.7		20.0			
N-Propylbenzene	3.7684 3.4118	4.1186 3.3510	3.8282 2.9527	3.7432	3.5536	Ave		3.5909				9.9		20.0			
2-Chlorotoluene	0.6294 0.7348	0.8672 0.7500	0.7903 0.7018	0.7817	0.7586	Ave		0.7517				9.2		20.0			
1,3,5-Trimethylbenzene	2.6245 2.4750	2.9309 2.4558	2.7222 2.2273	2.6682	2.5993	Ave		2.5879				8.1		20.0			
4-Chlorotoluene	2.6178 2.3602	3.0604 2.3091	2.8383 2.1422	2.3819	2.4626	Ave		2.5216				12.0		20.0			
tert-Butylbenzene	0.6195 0.6088	0.6599 0.6128	0.6545 0.5753	0.6487	0.6404	Ave		0.6275				4.6		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

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 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	2.3704 2.5575	2.9309 2.4678	2.6720 2.2461	2.6787	2.6486	Ave		2.5715				8.2		20.0			
sec-Butylbenzene	3.5141 3.1954	3.7340 3.0758	3.4947 2.7607	3.4443	3.3343	Ave		3.3192				9.1		20.0			
1,3-Dichlorobenzene	1.4193 1.4571	1.7364 1.4130	1.5840 1.3128	1.5045	1.4933	Ave		1.4900			0.6000	8.5		20.0			
4-Isopropyltoluene	2.8734 2.8100	3.3292 2.7113	2.9915 2.4164	2.9711	2.9058	Ave		2.8761				9.0		20.0			
1,4-Dichlorobenzene	1.5292 1.4518	1.8013 1.4144	1.6351 1.3648	1.5844	1.5122	Ave		1.5367			0.5000	9.0		20.0			
n-Butylbenzene	2.4285 2.3599	2.7426 2.2907	2.5911 2.1156	2.4538	2.4598	Ave		2.4303				7.7		20.0			
1,2-Dichlorobenzene	1.4377 1.4104	1.6157 1.3864	1.4849 1.2835	1.4632	1.4752	Ave		1.4446			0.4000	6.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1594	0.1161 0.1615	0.1336 0.1628	0.1358	0.1493	Ave		0.1455			0.0500	12.1		20.0			
1,2,4-Trichlorobenzene	0.7683 0.9446	0.9224 0.9486	0.9459 0.9085	0.9583	0.9593	Ave		0.9195			0.2000	6.9		20.0			
Hexachlorobutadiene	0.4547 0.4813	0.6027 0.4655	0.5229 0.4509	0.5404	0.4990	Ave		0.5022				10.3		20.0			
Naphthalene	2.0453 2.5943	2.5221 2.6420	2.5827 2.4434	2.5858	2.6392	Ave		2.5069				7.9		20.0			
1,2,3-Trichlorobenzene	0.6049 0.8636	0.9262 0.8651	0.8734 0.8534	0.8422	0.9039	Ave		0.8416				11.8		20.0			
Dibromofluoromethane (Surr)	1.2084 1.2201	1.1556 1.2247	1.2331 1.1565	1.1348	1.1702	Ave		1.1879				3.2		20.0			
1,2-Dichloroethane-d4 (Surr)	1.5417 1.4938	1.5156 1.5170	1.5143 1.4370	1.5011	1.4736	Ave		1.4993				2.1		20.0			
Toluene-d8 (Surr)	1.3069 1.3058	1.3147 1.2940	1.2943 1.2788	1.3000	1.2845	Ave		1.2974				0.9		20.0			
4-Bromofluorobenzene (Surr)	0.4160 0.4332	0.4305 0.4292	0.4232 0.4280	0.4241	0.4308	Ave		0.4269				1.3		20.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-281170/3	N5883.D
Level 2	IC 480-281170/4	N5884.D
Level 3	IC 480-281170/5	N5885.D
Level 4	IC 480-281170/6	N5886.D
Level 5	IC 480-281170/7	N5887.D
Level 6	ICIS 480-281170/8	N5888.D
Level 7	IC 480-281170/9	N5889.D
Level 8	IC 480-281170/10	N5890.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	2644 169250	7497 318840	14784 628794	33823	66724	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	5609 219921	10708 411625	19854 839125	47748	91295	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Ave	3092 162299	7867 307558	15594 609856	33479	65832	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	3135 161631	8114 311590	15545 609910	36092	69631	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	1127 61435	2946 124374	5536 258771	10742	24954	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	+++++ 76838	3697 148948	6835 295561	15575	30956	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	5228 199071	9610 379727	18551 784253	38129	72769	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	2989 184990	7061 375710	14762 771662	36908	75518	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	3280 173612	7408 347816	14819 694400	34407	70846	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Ave	4772 216296	10263 429569	17839 866935	41022	88135	2.50 125	5.00 250	10.0 500	25.0	50.0
1,1-Dichloroethene	FB	Ave	3059 144951	6425 287501	13360 588233	32007	60502	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 137937	5169 281146	11063 538095	27615	55181	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	9814 416618	15171 675702	27845 1573480	69891	142989	2.50 125	5.00 250	10.0 500	25.0	50.0
Iodomethane	FB	Ave	4330 244513	10490 487963	20813 943755	47858	98137	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	9513 460332	21524 924953	42385 1805781	98455	187835	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Allyl chloride	FB	Ave	9444 355560	16234 697351	35175 1340302	77534	145999	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	23698 1076385	41735 2043582	86855 3835808	229744	438383	2.50 125	5.00 250	10.0 500	25.0	50.0
Methylene Chloride	FB	Ave	+++++ 159433	8797 317144	15902 631142	33304	67373	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	3846 182415	8043 341789	15703 928460	42113	80570	5.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	11329 552819	24928 1089267	47416 2115541	110472	230161	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	3015 157836	7212 309382	14478 605295	33441	66637	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	19466 928558	45735 1779406	74324 3411755	186818	367736	5.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	6348 276125	12846 550652	27037 1092430	64230	118845	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	5654 307272	13859 613644	27840 1190058	63643	129314	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	19762 925119	39113 1828716	71131 3528763	183738	367304	1.00 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	3134 148418	6651 305874	13760 546462	31992	64882	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	3554 168496	7010 338689	15134 669983	36049	70935	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	13481 623326	27458 1243426	53405 2526469	125747	231299	2.50 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	2243 90218	3543 185096	7292 363515	17559	37715	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	+++++ 187654	8544 372760	16128 784311	38936	74037	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	5386 264768	12365 525445	23413 1032847	55738	110759	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	4266 208646	9950 428204	18691 795852	43975	84457	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	5855 304013	15013 629087	27633 1205488	67480	127115	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	2871 199329	8778 405227	16318 797511	39781	77514	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	3970 219131	9209 440092	18768 869011	47301	90130	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	6341 329386	14777 655315	21193 1429300	66828	130049	12.5 625	25.0 1250	50.0 2500	125	250

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzene	FB	Ave	12879 591372	28671 1187132	53186 2280450	129945	253191	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloroethane	FB	Ave	5220 243715	11181 482863	20588 965081	49085	99457	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	7393 325001	18199 642212	28117 1285713	72226	132289	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	2656 153244	7239 308791	14089 621512	31883	61208	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	5704 284271	13069 577196	27719 1079225	61309	119671	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	3054 159496	7056 322115	12971 656192	33490	63598	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromomethane	FB	Ave	+++++ 93407	3407 194711	7456 406665	18397	38949	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBZ	Lin1	+++++ 36210	+++++ 76681	1291 150319	5498	15286	+++++ 500	+++++ 1000	40.0 2000	100	200
Bromodichloromethane	FB	Ave	3783 182122	8092 388290	14455 795448	34221	72319	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	1373 110294	3727 233431	5967 521499	20263	42003	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	3662 244263	9444 511583	17022 1059778	46908	98205	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	7078 420716	17083 827642	32163 1709064	83808	164266	2.50 125	5.00 250	10.0 500	25.0	50.0
Toluene	CBZ	Ave	7377 371566	17898 769450	30884 1560250	82363	154271	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBZ	Ave	3088 216004	7937 455781	14067 964133	43230	82818	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBZ	Ave	3452 205339	7773 428284	14204 924803	41678	80963	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	1845 109047	4858 221150	8056 468151	22031	42266	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBZ	Ave	3503 167194	7488 342147	13859 692306	35273	68913	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichloropropane	CBZ	Ave	4479 227192	8551 481343	16048 1006317	50192	92472	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Hexanone	CBZ	Ave	13891 803506	32444 1589939	58814 3201943	162782	309093	2.50 125	5.00 250	10.0 500	25.0	50.0
Dibromochloromethane	CBZ	Ave	2309 140718	5213 299665	9414 653808	25769	54216	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	2156 134361	4988 284080	9462 601833	26575	52420	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	8055 410959	18305 849499	32915 1720990	87624	165990	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	2502 150670	6563 310541	11982 644303	28855	60236	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethylbenzene	CBZ	Ave	14515 665523	32384 1348306	57909 2625894	146631	275532	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
m,p-Xylene	CBZ	Ave	5395 265107	11509 556497	21440 1144059	58769	109611	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
o-Xylene	CBZ	Ave	5631 277770	11396 555931	23213 1131407	58559	113879	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Styrene	CBZ	Ave	8098 438533	17579 902778	32646 1811360	88737	173667	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromoform	CBZ	Ave	1206 81759	2934 178249	5305 405484	14754	29983	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isopropylbenzene	DCB	Ave	13472 691876	31653 1366337	58667 2631082	149282	285600	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromobenzene	DCB	Ave	3207 176111	7437 362298	13696 746527	36540	73117	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2,2-Tetrachloroethane	DCB	Ave	3868 181276	7739 363631	14381 756285	36312	71035	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichloropropane	DCB	Ave	849 58999	2009 120104	4313 252387	12775	23998	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 65767	2483 135122	4230 305751	12169	22785	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
N-Propylbenzene	DCB	Ave	16759 772042	36362 1519037	66665 2932285	170839	321380	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chlorotoluene	DCB	Ave	2799 166275	7656 339972	13763 696960	35677	68604	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3,5-Trimethylbenzene	DCB	Ave	11672 560055	25876 1113248	47405 2211914	121777	235078	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Chlorotoluene	DCB	Ave	11642 534077	27019 1046757	49427 2127444	108708	222716	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCB	Ave	2755 137765	5826 277791	11398 571363	29606	57919	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCB	Ave	10542 578729	25876 1118704	46530 2230594	122253	239536	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCB	Ave	15628 723083	32966 1394306	60858 2741677	157194	301546	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCB	Ave	6312 329721	15330 640512	27585 1303745	68666	135049	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCB	Ave	12779 635863	29393 1229068	52094 2399698	135600	262795	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1 Analy Batch No.: 281170

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 20:31 Calibration End Date: 12/22/2015 23:39 Calibration ID: 25940

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	6801 328518	15903 641179	28474 1355373	72309	136764	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCB	Ave	10800 534023	24214 1038416	45122 2101032	111988	222460	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCB	Ave	6394 319162	14265 628466	25858 1274678	66781	133418	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 36075	1025 73196	2326 161680	6199	13500	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCB	Ave	3417 213741	8144 429990	16472 902250	43737	86758	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCB	Ave	2022 108903	5321 211001	9106 447805	24665	45129	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Naphthalene	DCB	Ave	9096 587047	22267 1197671	44976 2426578	118015	238682	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichlorobenzene	DCB	Ave	2690 195424	8177 392164	15210 847483	38436	81744	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	152443 154290	143687 158344	155761 160013	149480	151441	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	194484 188913	188449 196135	191280 198828	197733	190704	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
Toluene-d8 (Surr)	CBZ	Ave	566065 575523	554506 593743	537223 623874	578817	564213	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	180199 190905	181572 196929	175679 208787	188823	189218	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Lims ID: IC 0.5
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Dec-2015 20:31:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 0.5
Misc. Info.: 480-0049506-003
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:13 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 08:40:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	0.000	98	126149	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	433151	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	222364	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	93	152443	25.0	25.4	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.313	-0.006	0	194484	25.0	25.7	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	566065	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	92	180199	25.0	24.4	
11 Dichlorodifluoromethane	85	1.377	1.371	0.006	29	2644	0.5000	0.4070	
13 Chloromethane	50	1.535	1.541	-0.006	98	5609	0.5000	0.6023	
14 Vinyl chloride	62	1.650	1.650	0.000	19	3092	0.5000	0.4683	
144 Butadiene	54	1.681	1.681	0.000	95	3135	0.5000	0.4640	
15 Bromomethane	94	1.973	1.973	0.000	0	1127	0.5000	0.4569	M
16 Chloroethane	64	2.082	2.076	0.006	1	2299	0.5000	0.7371	M
17 Dichlorofluoromethane	67	2.295	2.301	-0.006	90	5228	0.5000	0.6302	M
18 Trichlorofluoromethane	101	2.320	2.314	0.006	54	2989	0.5000	0.4218	
19 Ethyl ether	59	2.599	2.599	0.000	89	3280	0.5000	0.4769	
20 Acrolein	56	2.764	2.764	0.000	0	4772	2.50	2.72	M
21 1,1,2-Trichloro-1,2,2-trif	101	2.824	2.825	-0.001	0	1409	0.5000	0.2642	M
22 1,1-Dichloroethene	96	2.812	2.825	-0.013	93	3059	0.5000	0.5088	
23 Acetone	43	2.922	2.928	-0.006	97	9814	2.50	3.26	
24 Iodomethane	142	2.977	2.977	0.000	16	4330	0.5000	0.4539	
25 Carbon disulfide	76	3.031	3.025	0.006	94	9513	0.5000	0.5004	
27 3-Chloro-1-propene	41	3.190	3.190	0.000	87	9444	0.5000	0.6192	
28 Methyl acetate	43	3.232	3.232	0.000	99	23698	2.50	2.81	
30 Methylene Chloride	84	3.323	3.330	-0.007	97	5138	0.5000	0.7475	
31 2-Methyl-2-propanol	59	3.494	3.488	0.006	43	3846	5.00	4.96	M
32 Methyl tert-butyl ether	73	3.561	3.561	0.000	93	11329	0.5000	0.5097	
33 trans-1,2-Dichloroethene	96	3.567	3.573	-0.006	94	3015	0.5000	0.4699	
34 Acrylonitrile	53	3.603	3.597	0.006	98	19466	5.00	5.24	
35 Hexane	57	3.786	3.786	0.000	98	6348	0.5000	0.5355	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.980	-0.006	92	5654	0.5000	0.4562	
39 Vinyl acetate	43	4.041	4.035	0.006	96	19762	1.00	1.09	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	80	3134	0.5000	0.5095	
43 cis-1,2-Dichloroethene	96	4.546	4.540	0.006	80	3554	0.5000	0.5166	
44 2-Butanone (MEK)	43	4.577	4.564	0.013	98	13481	2.50	2.69	M
47 Chlorobromomethane	128	4.765	4.771	-0.006	86	2243	0.5000	0.6127	
49 Tetrahydrofuran	42		4.802				ND	ND	
50 Chloroform	83	4.850	4.850	0.000	94	5386	0.5000	0.4969	
51 1,1,1-Trichloroethane	97	4.978	4.978	0.000	89	4266	0.5000	0.4978	
52 Cyclohexane	56	5.002	5.002	0.000	33	5855	0.5000	0.4617	
53 Carbon tetrachloride	117	5.130	5.124	0.006	84	2871	0.5000	0.3759	
54 1,1-Dichloropropene	75	5.136	5.130	0.006	82	3970	0.5000	0.4553	
56 Isobutyl alcohol	43	5.331	5.313	0.018	45	6341	12.5	12.3	M
55 Benzene	78	5.325	5.331	-0.006	96	12879	0.5000	0.5190	
57 1,2-Dichloroethane	62	5.386	5.386	0.000	92	5220	0.5000	0.5279	
59 n-Heptane	43	5.532	5.532	0.000	93	7393	0.5000	0.5317	
60 Trichloroethene	95	5.951	5.945	0.006	84	2656	0.5000	0.4286	
62 Methylcyclohexane	83	6.091	6.085	0.006	92	5704	0.5000	0.4836	
63 1,2-Dichloropropane	63	6.170	6.171	-0.001	81	3054	0.5000	0.4792	
64 Dibromomethane	93	6.310	6.304	0.006	89	1182	0.5000	0.3215	
66 1,4-Dioxane	88		6.317				ND	ND	
67 Dichlorobromomethane	83	6.462	6.456	0.006	92	3783	0.5000	0.5156	
69 2-Chloroethyl vinyl ether	63	6.754	6.736	0.018	0	1373	0.5000	0.3521	M
71 cis-1,3-Dichloropropene	75	6.882	6.876	0.006	81	3662	0.5000	0.3994	
72 4-Methyl-2-pentanone (MIBK	58	7.022	7.016	0.006	98	7078	2.50	2.21	
73 Toluene	92	7.180	7.180	0.000	97	7377	0.5000	0.4780	
75 trans-1,3-Dichloropropene	75	7.448	7.442	0.006	10	3088	0.5000	0.3866	
77 Ethyl methacrylate	69	7.509	7.497	0.012	87	3452	0.5000	0.4400	M
78 1,1,2-Trichloroethane	83	7.637	7.631	0.006	88	1845	0.5000	0.4347	
79 Tetrachloroethene	166	7.722	7.722	0.000	84	3503	0.5000	0.5117	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	0	4479	0.5000	0.4980	M
82 2-Hexanone	43	7.862	7.862	0.000	94	13891	2.50	2.28	
83 Chlorodibromomethane	129	8.038	8.032	0.006	1	2309	0.5000	0.4373	
84 Ethylene Dibromide	107	8.142	8.142	0.000	36	2156	0.5000	0.4238	M
85 Chlorobenzene	112	8.628	8.628	0.000	94	8055	0.5000	0.4846	
89 1,1,1,2-Tetrachloroethane	131	8.726	8.720	0.006	41	2502	0.5000	0.4254	
88 Ethylbenzene	91	8.726	8.726	0.000	97	14515	0.5000	0.5204	
90 m-Xylene & p-Xylene	106	8.853	8.847	0.006	0	5395	0.5000	0.4954	
91 o-Xylene	106	9.273	9.273	0.000	93	5631	0.5000	0.5052	
92 Styrene	104	9.303	9.297	0.006	92	8098	0.5000	0.4762	
93 Bromoform	173	9.535	9.535	0.000	1	1206	0.5000	0.3987	
95 Isopropylbenzene	105	9.656	9.656	0.000	95	13472	0.5000	0.4821	
97 Bromobenzene	156	9.991	9.991	0.000	77	3207	0.5000	0.4587	
98 1,1,2,2-Tetrachloroethane	83	10.021	10.028	-0.007	83	3868	0.5000	0.5337	
99 1,2,3-Trichloropropane	110	10.058	10.064	-0.006	0	849	0.5000	0.3835	M
101 trans-1,4-Dichloro-2-buten	53		10.070				ND	ND	M
100 N-Propylbenzene	91	10.082	10.076	0.006	99	16759	0.5000	0.5247	
102 2-Chlorotoluene	126	10.180	10.180	0.000	96	2799	0.5000	0.4186	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	92	11672	0.5000	0.5071	
105 4-Chlorotoluene	91	10.289	10.289	0.000	95	11642	0.5000	0.5191	
106 tert-Butylbenzene	134	10.575	10.569	0.006	37	2755	0.5000	0.4936	M
108 1,2,4-Trimethylbenzene	105	10.624	10.624	0.000	95	10542	0.5000	0.4609	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	93	15628	0.5000	0.5294	
110 1,3-Dichlorobenzene	146	10.910	10.910	0.000	68	6312	0.5000	0.4763	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	96	12779	0.5000	0.4995	
113 1,4-Dichlorobenzene	146	10.989	10.995	-0.006	91	6801	0.5000	0.4976	
115 n-Butylbenzene	91	11.299	11.299	0.000	93	10800	0.5000	0.4996	
116 1,2-Dichlorobenzene	146	11.341	11.342	-0.001	96	6394	0.5000	0.4976	
117 1,2-Dibromo-3-Chloropropan	75	12.065	12.059	0.006	1	335	0.5000	0.2589	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	85	3417	0.5000	0.4178	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	84	2022	0.5000	0.4527	
121 Naphthalene	128	12.960	12.954	0.006	1	9096	0.5000	0.4079	
122 1,2,3-Trichlorobenzene	180	13.160	13.161	-0.001	94	2690	0.5000	0.3594	
S 123 1,3-Dichloropropene, Total	1				0			0.7860	
S 124 1,2-Dichloroethene, Total	1				0			0.9865	
S 125 Total BTEX	1				0			2.52	
S 126 Xylenes, Total	1				0			1.00	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	0.50	Units: uL	
GAS CORP mix_00127	Amount Added:	0.50	Units: uL	
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent

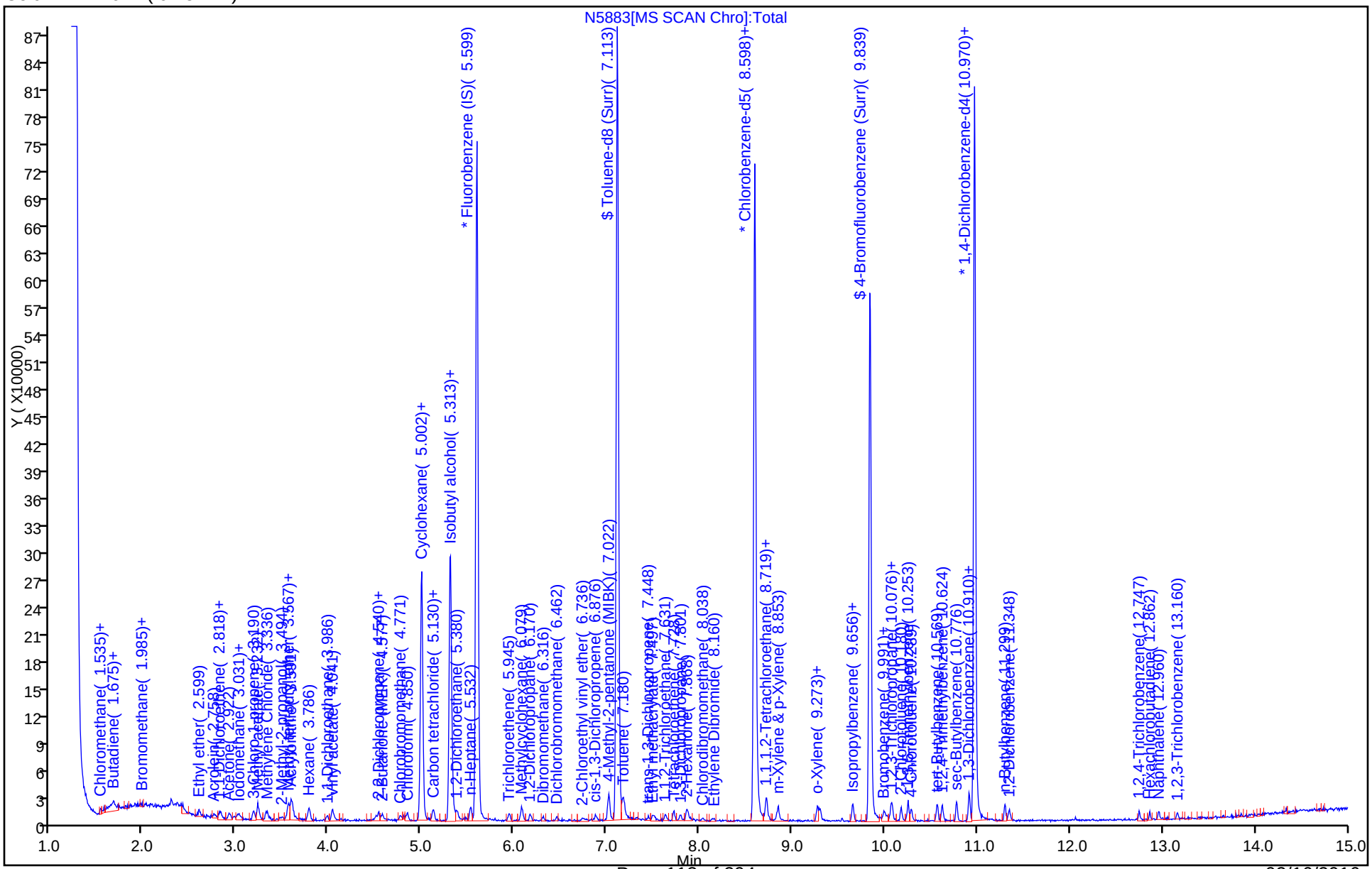
Report Date: 23-Dec-2015 17:09:15 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D

Injection Date:	22-Dec-2015 20:31:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	IC 0.5			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

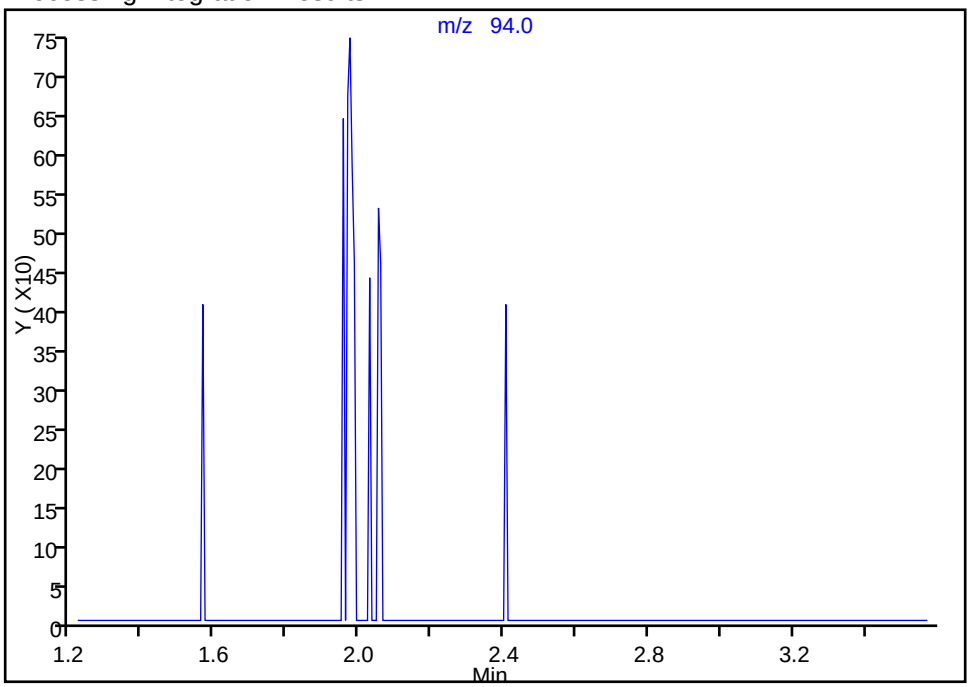
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

15 Bromomethane, CAS: 74-83-9

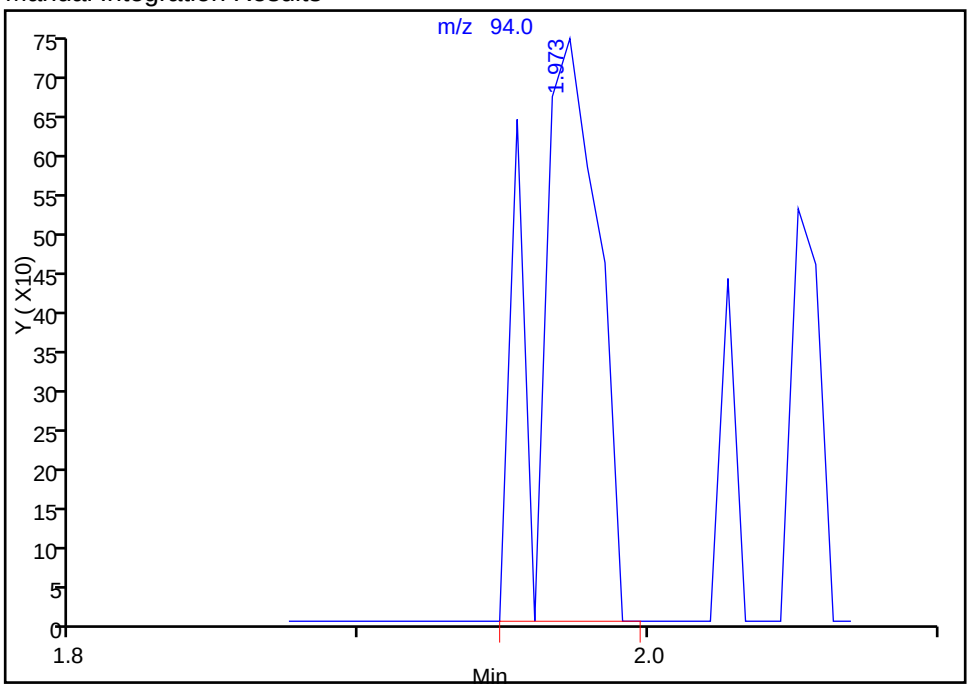
Not Detected
Expected RT: 1.97

Processing Integration Results



Manual Integration Results

RT: 1.97
Area: 1127
Amount: 0.456858
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

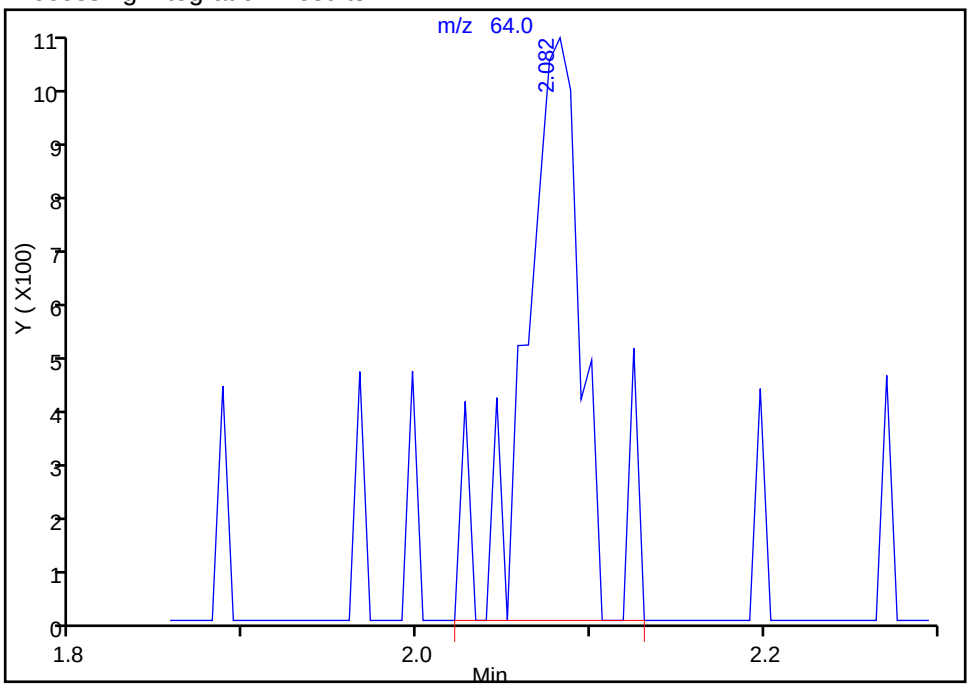
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

16 Chloroethane, CAS: 75-00-3

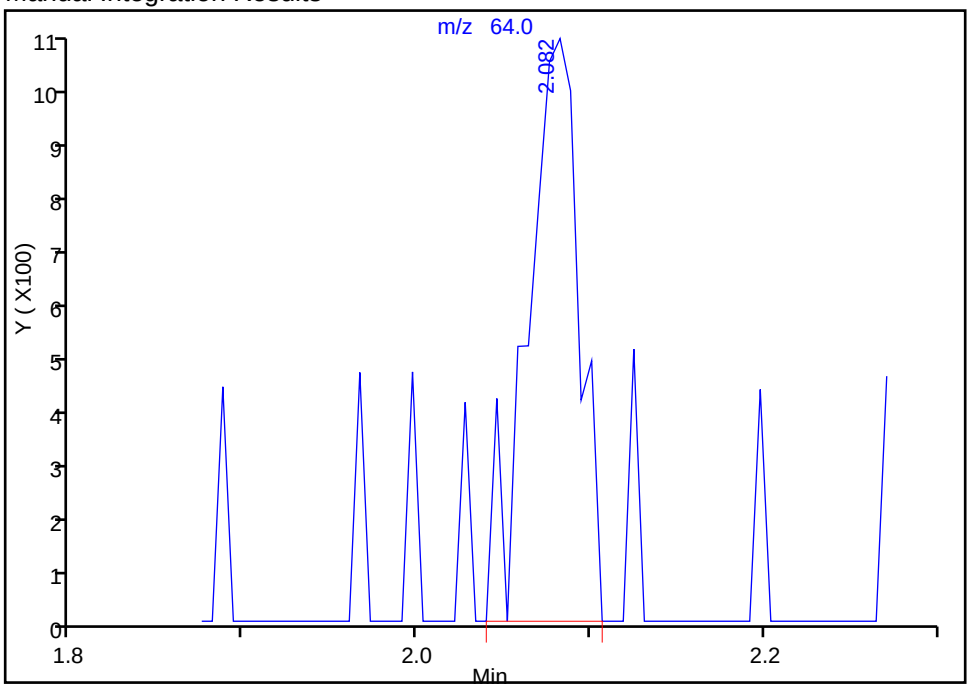
Processing Integration Results

RT: 2.08
Area: 2636
Amount: 0.845193
Amount Units: ug/L



Manual Integration Results

RT: 2.08
Area: 2299
Amount: 0.737140
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

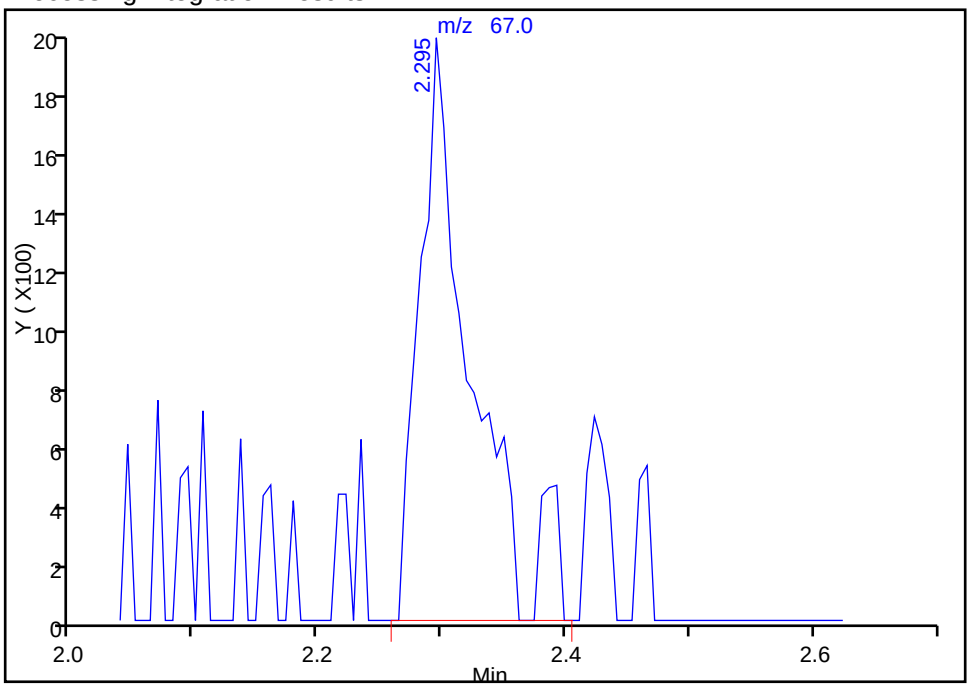
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

17 Dichlorofluoromethane, CAS: 75-43-4

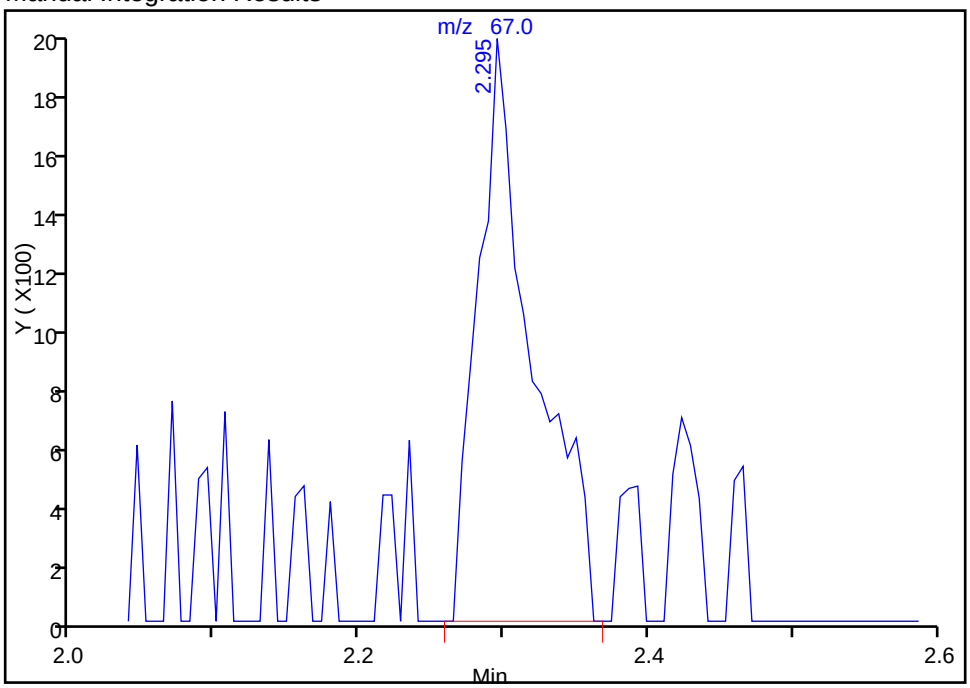
Processing Integration Results

RT: 2.30
Area: 5709
Amount: 0.459116
Amount Units: ug/L



Manual Integration Results

RT: 2.30
Area: 5228
Amount: 0.630174
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

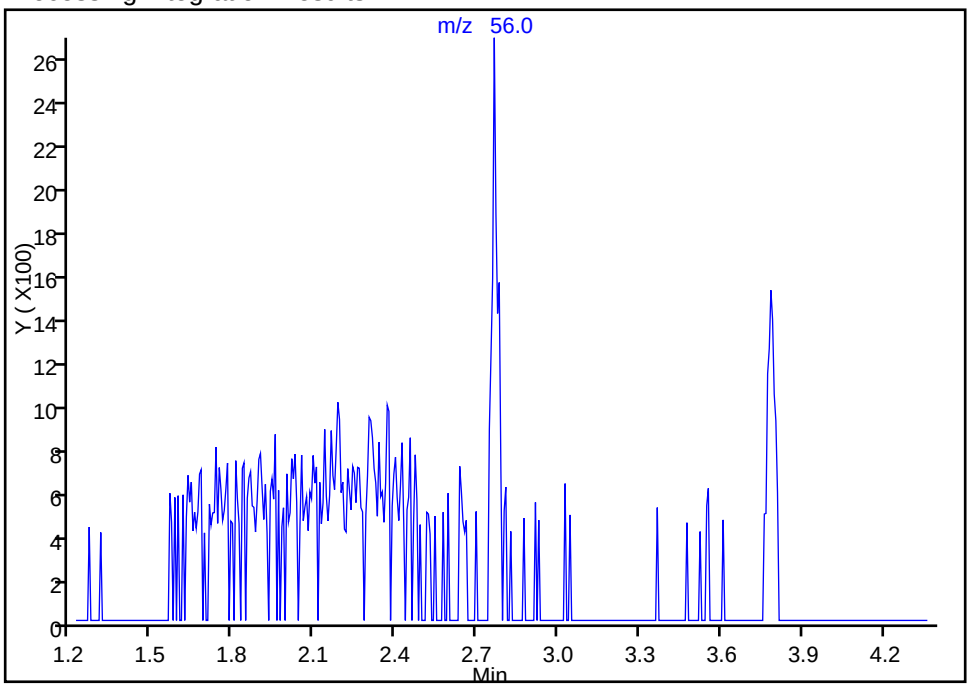
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

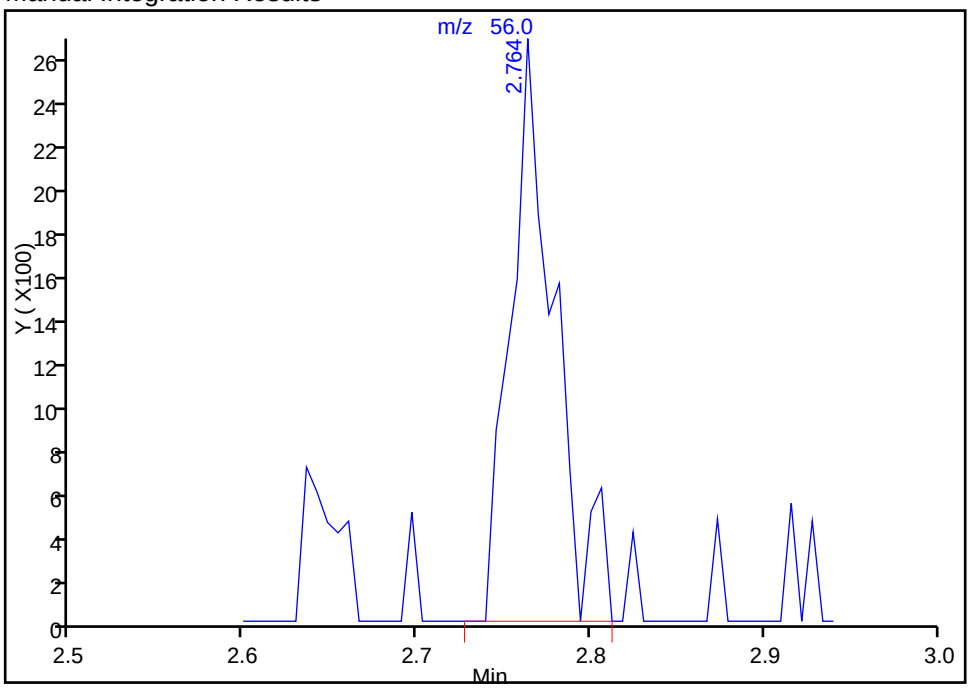
Not Detected
Expected RT: 2.76

Processing Integration Results



Manual Integration Results

RT: 2.76
Area: 4772
Amount: 2.717942
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

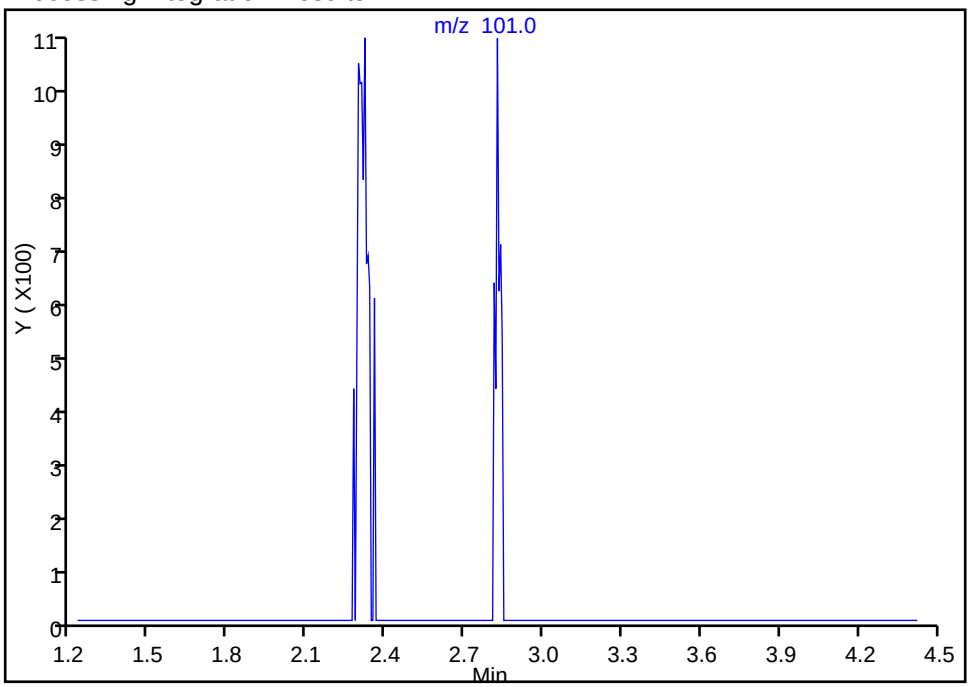
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

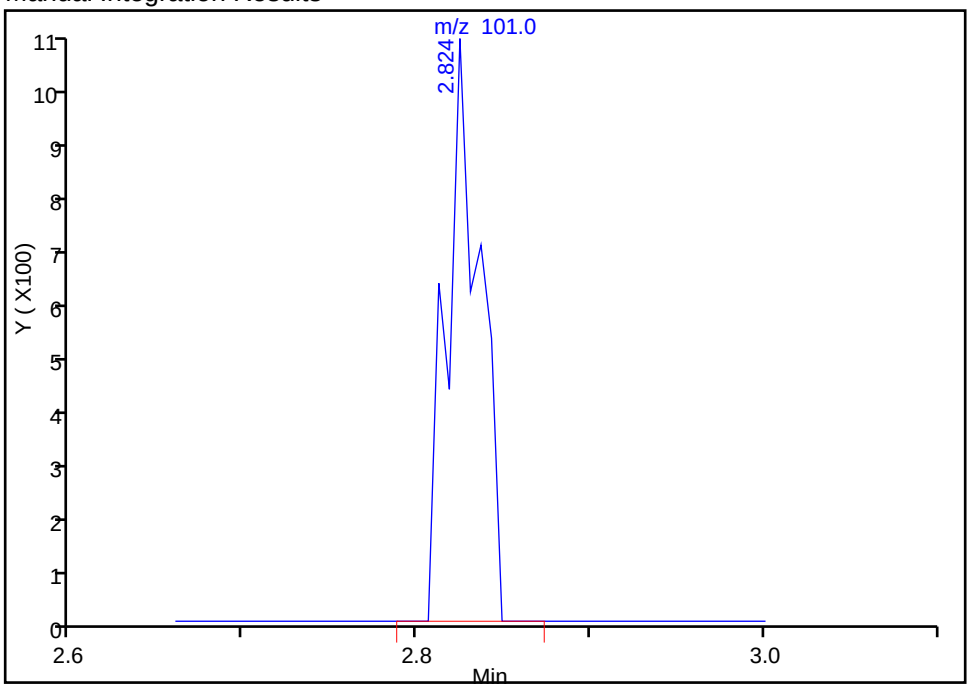
Not Detected
Expected RT: 2.82

Processing Integration Results



Manual Integration Results

RT: 2.82
Area: 1409
Amount: 0.264192
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

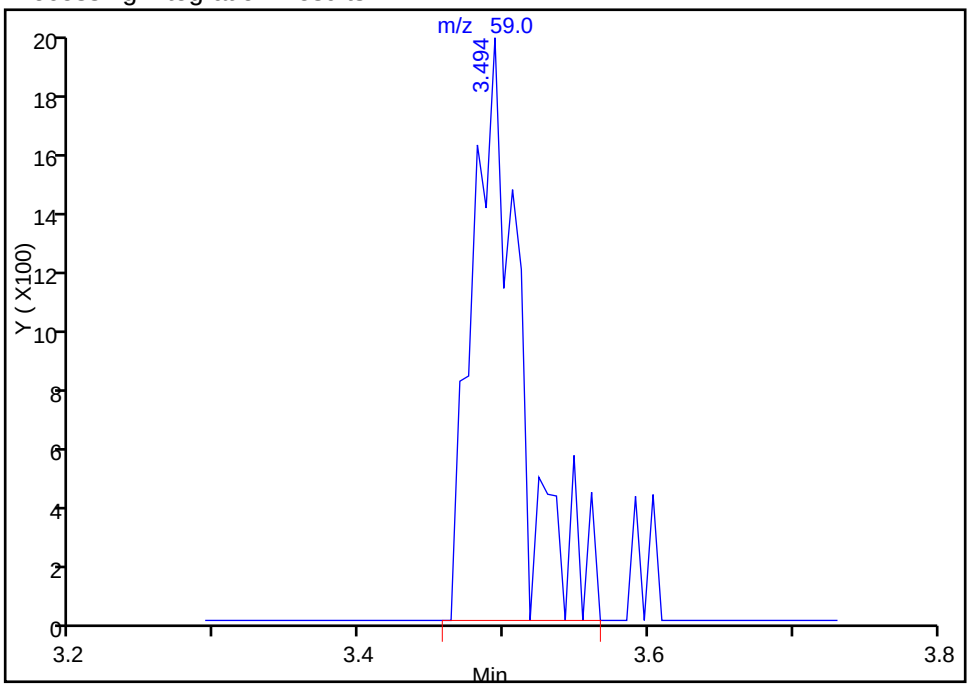
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

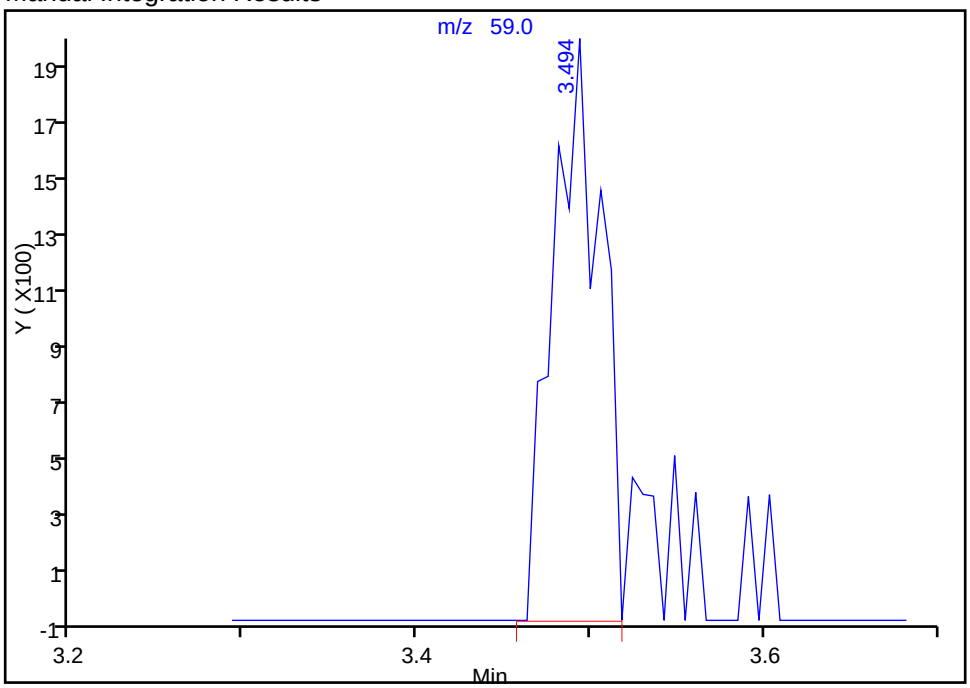
Processing Integration Results

RT: 3.49
Area: 4694
Amount: 5.893067
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 3846
Amount: 4.960474
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 09:01:54
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

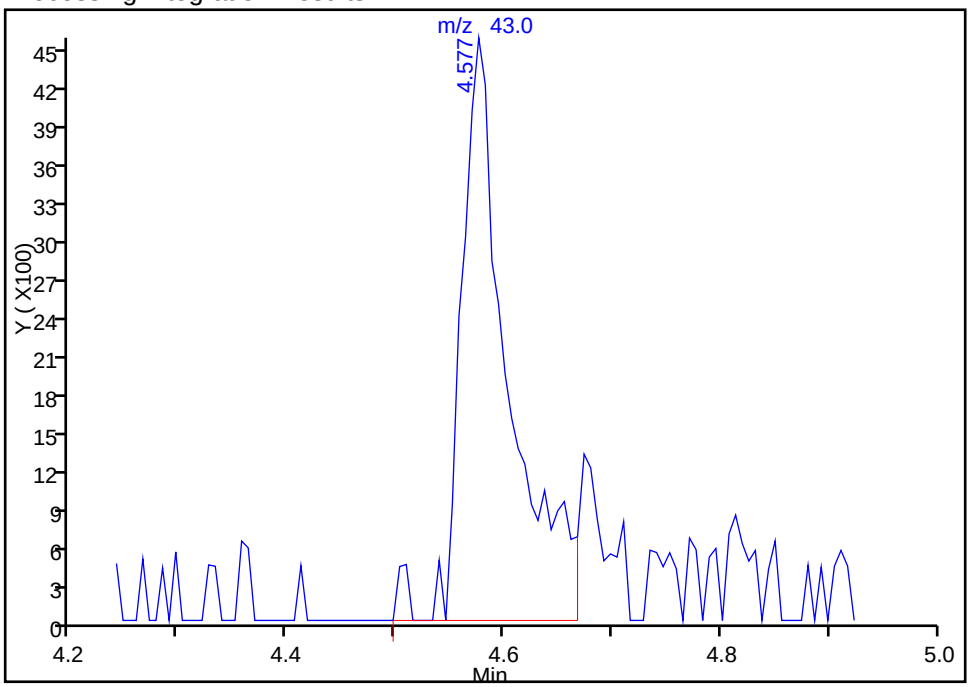
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3

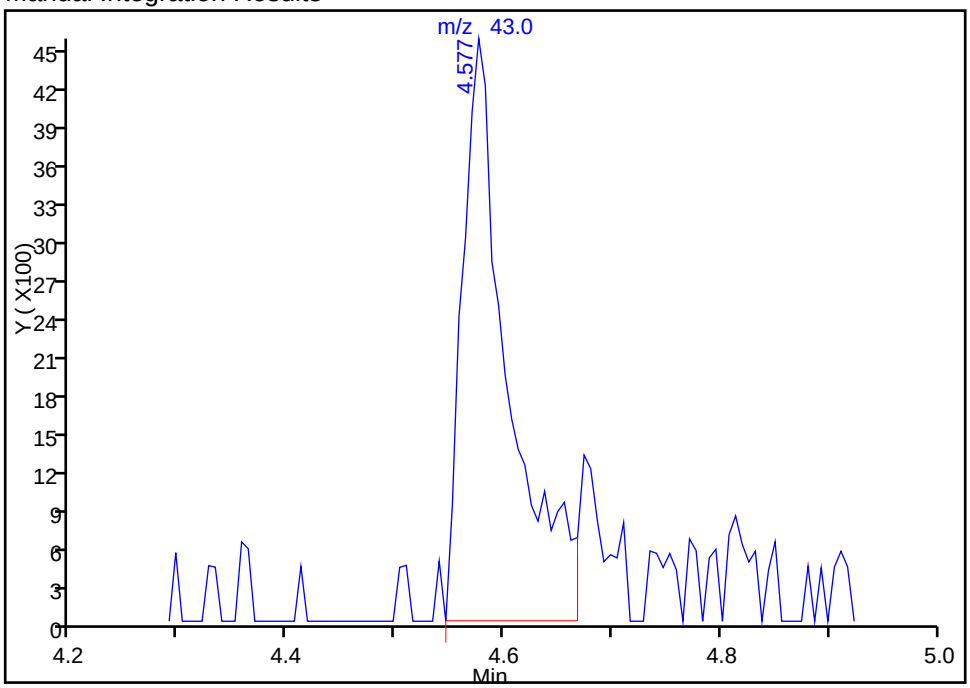
Processing Integration Results

RT: 4.58
Area: 13998
Amount: 2.781209
Amount Units: ug/L



Manual Integration Results

RT: 4.58
Area: 13481
Amount: 2.692316
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

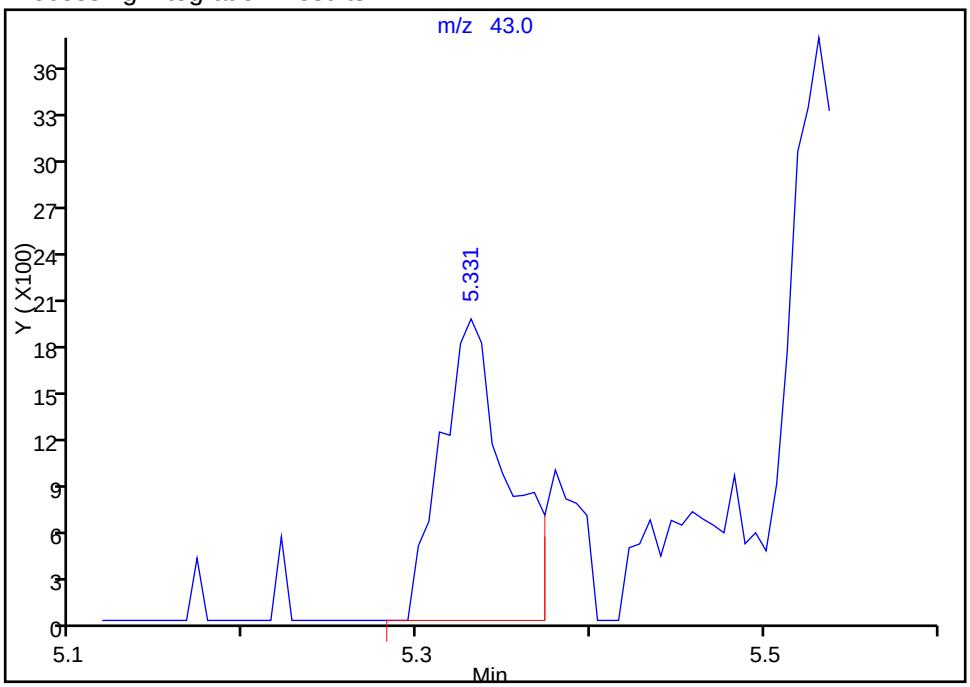
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

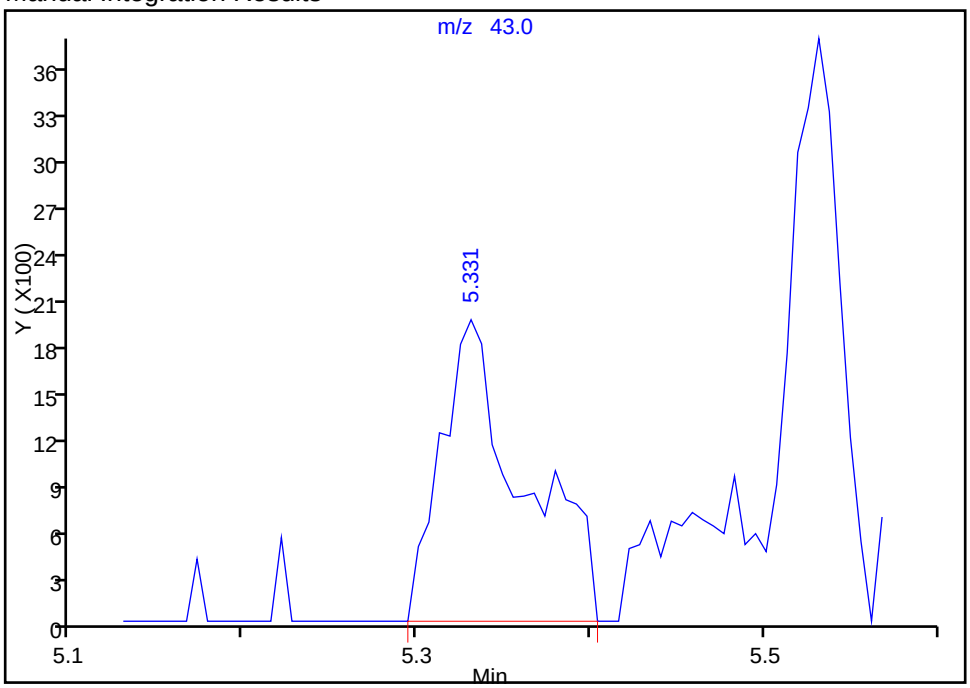
Processing Integration Results

RT: 5.33
Area: 5182
Amount: 10.074623
Amount Units: ug/L



Manual Integration Results

RT: 5.33
Area: 6341
Amount: 12.349154
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

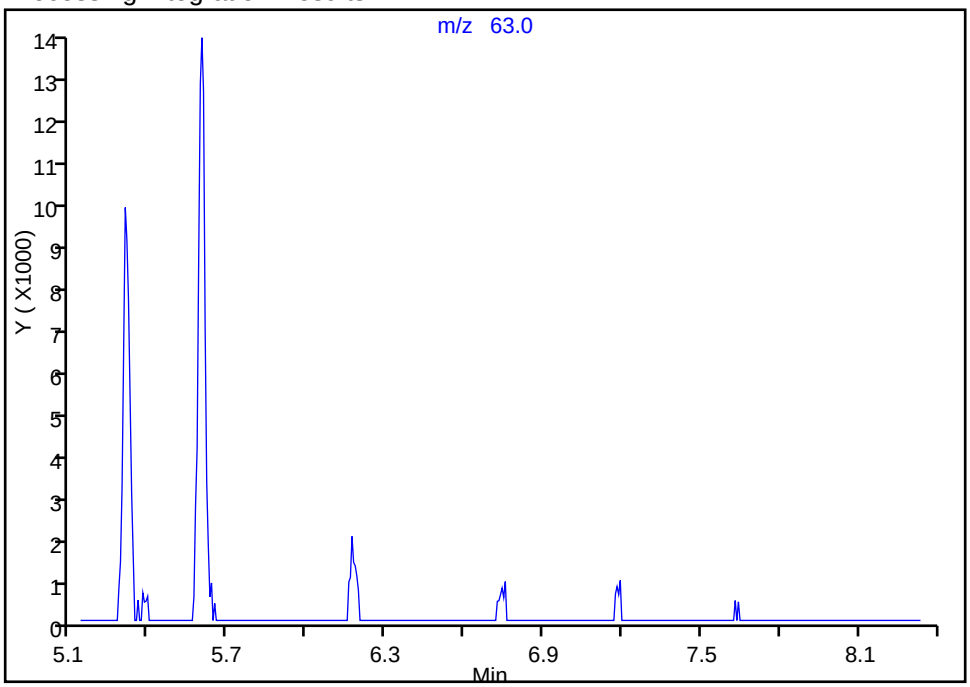
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

69 2-Chloroethyl vinyl ether, CAS: 110-75-8

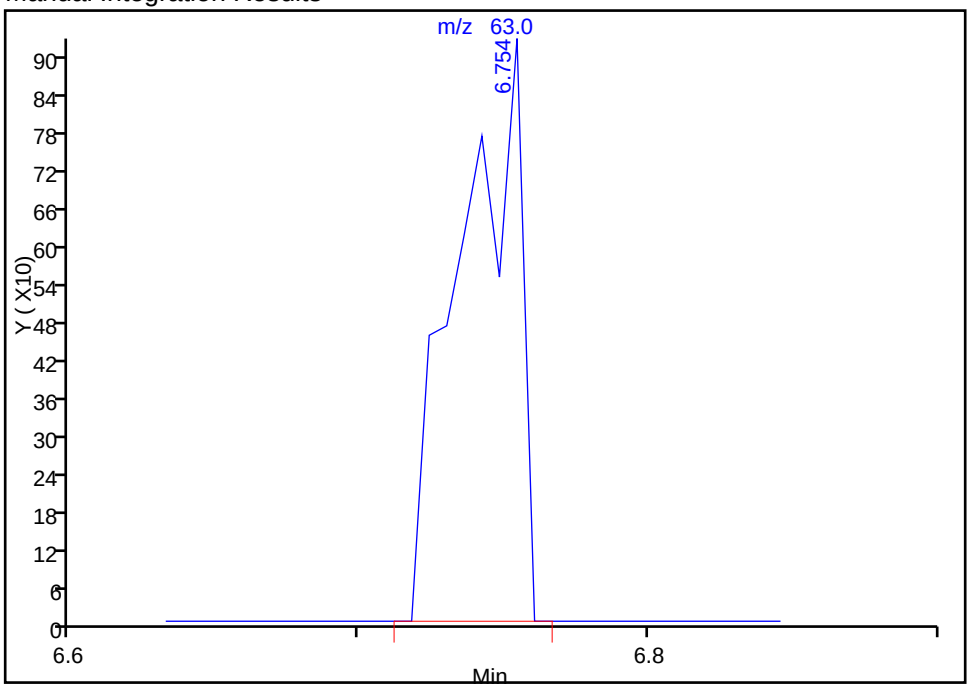
Not Detected
Expected RT: 6.74

Processing Integration Results



Manual Integration Results

RT: 6.75
Area: 1373
Amount: 0.352132
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

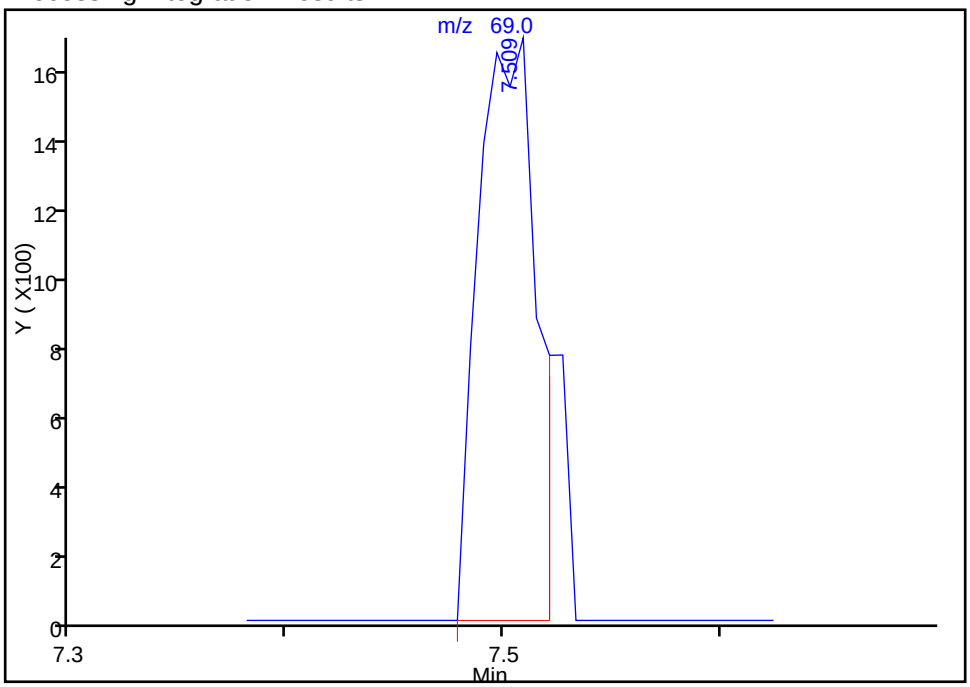
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

77 Ethyl methacrylate, CAS: 97-63-2

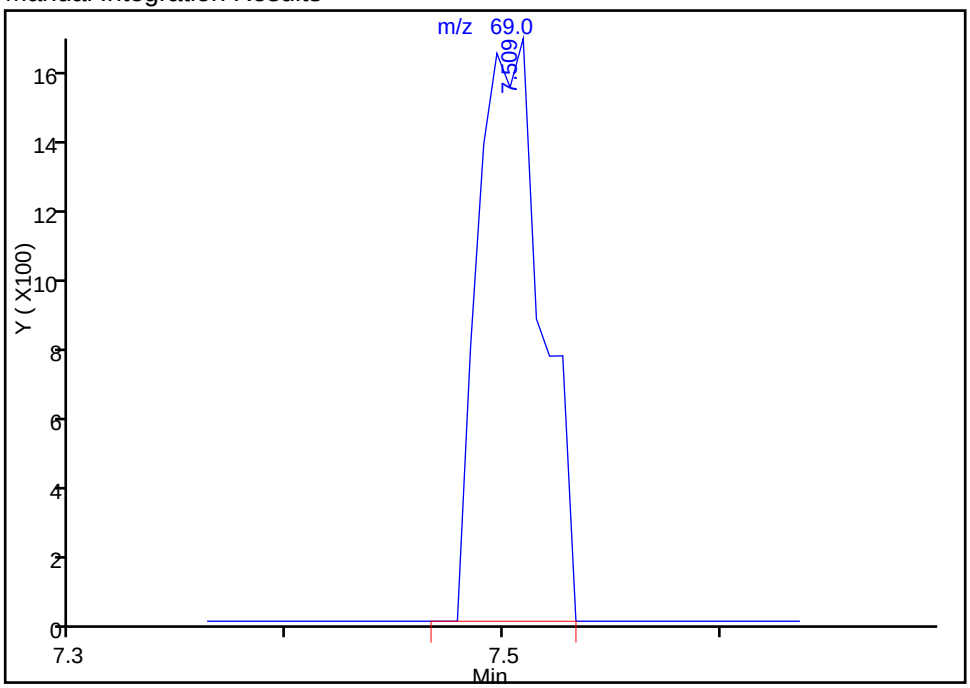
Processing Integration Results

RT: 7.51
Area: 3171
Amount: 0.397396
Amount Units: ug/L



Manual Integration Results

RT: 7.51
Area: 3452
Amount: 0.440024
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

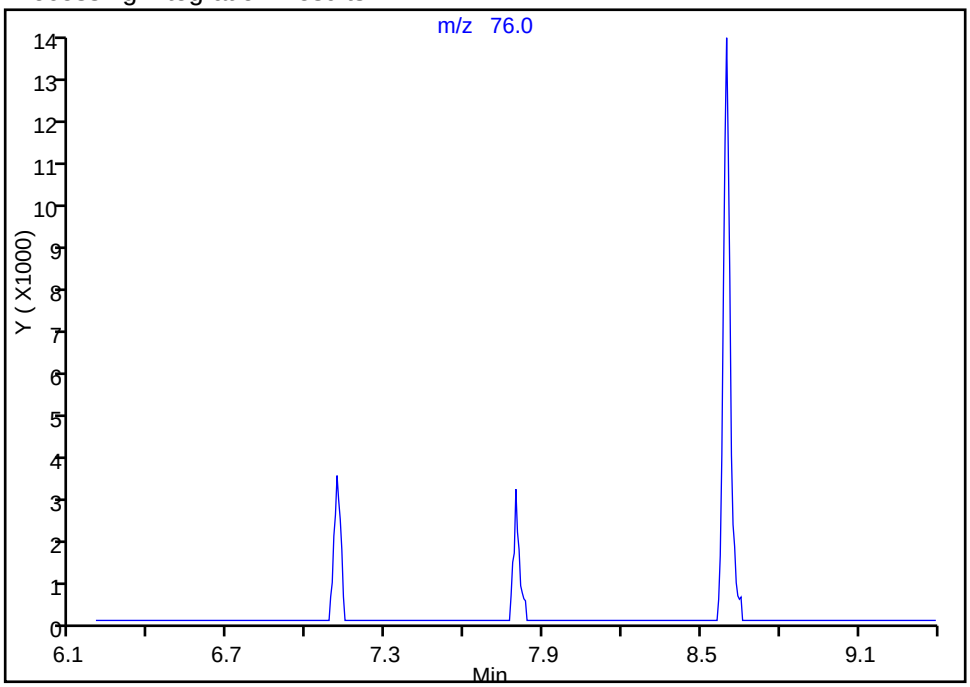
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

80 1,3-Dichloropropane, CAS: 142-28-9

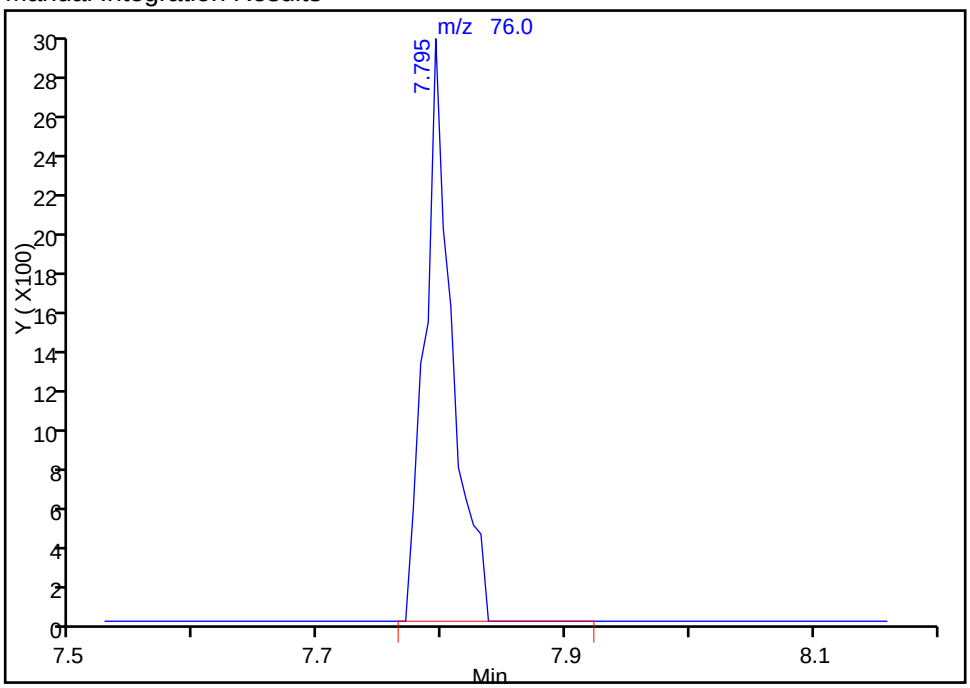
Not Detected
Expected RT: 7.79

Processing Integration Results



Manual Integration Results

RT: 7.79
Area: 4479
Amount: 0.498003
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

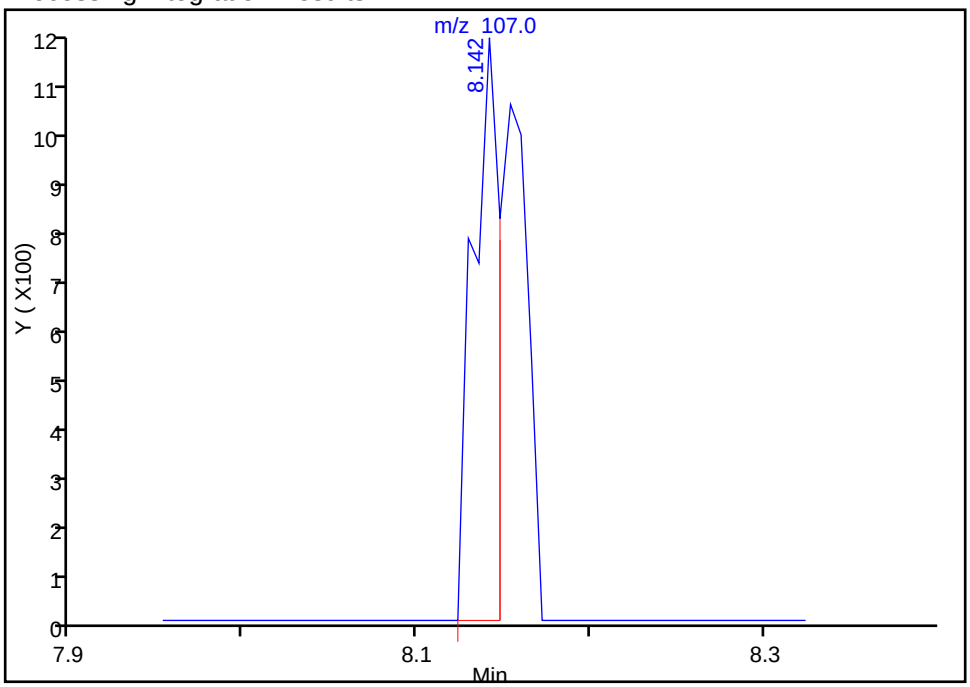
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

84 Ethylene Dibromide, CAS: 106-93-4

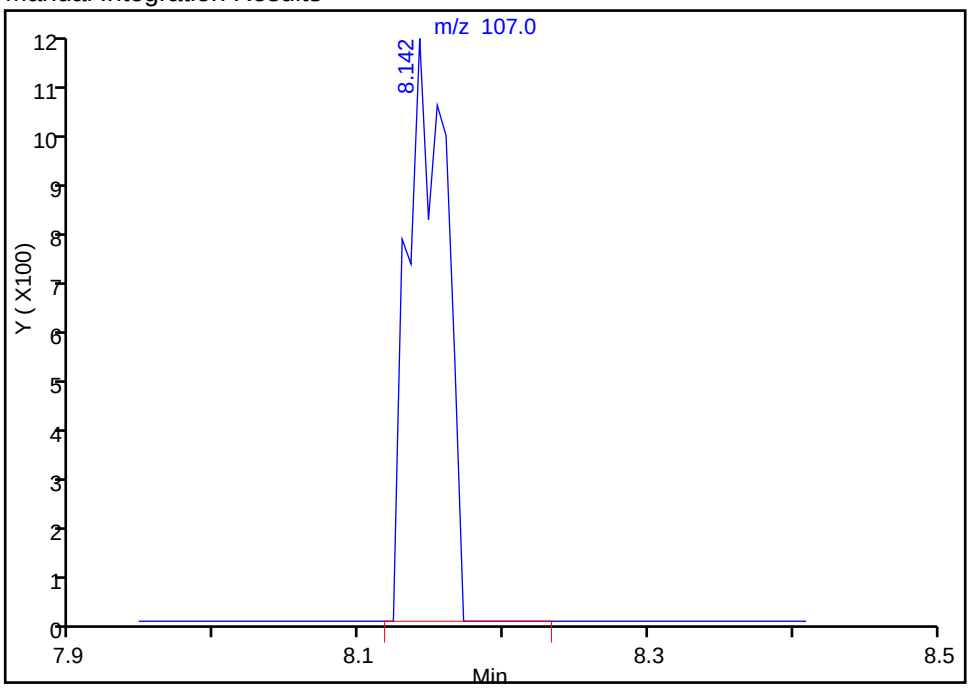
Processing Integration Results

RT: 8.14
Area: 1245
Amount: 0.239501
Amount Units: ug/L



Manual Integration Results

RT: 8.14
Area: 2156
Amount: 0.423782
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

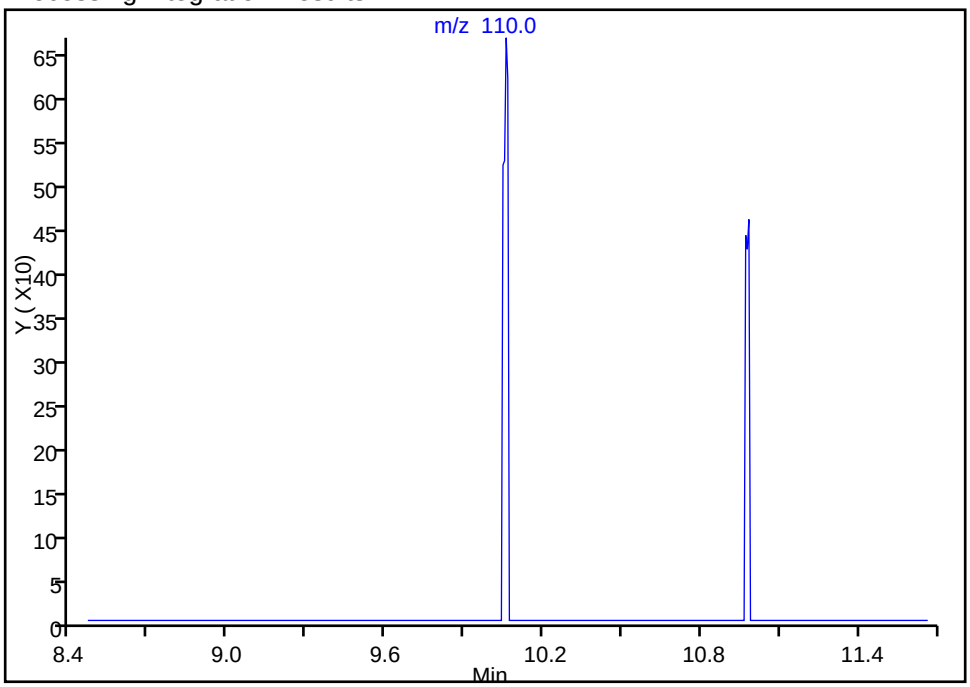
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

99 1,2,3-Trichloropropane, CAS: 96-18-4

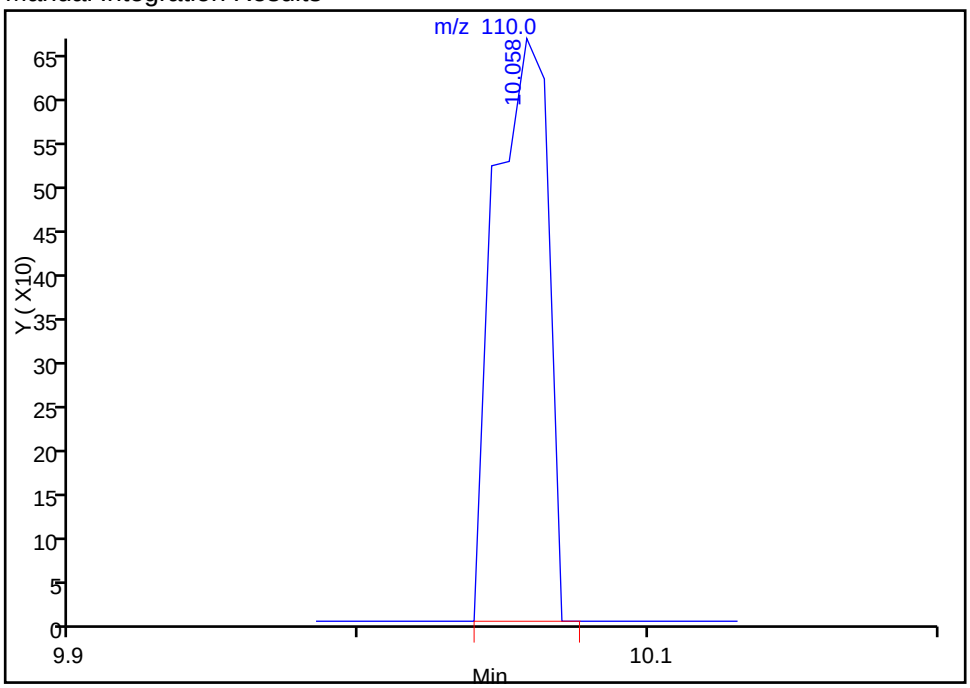
Not Detected
Expected RT: 10.06

Processing Integration Results



Manual Integration Results

RT: 10.06
Area: 849
Amount: 0.383492
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

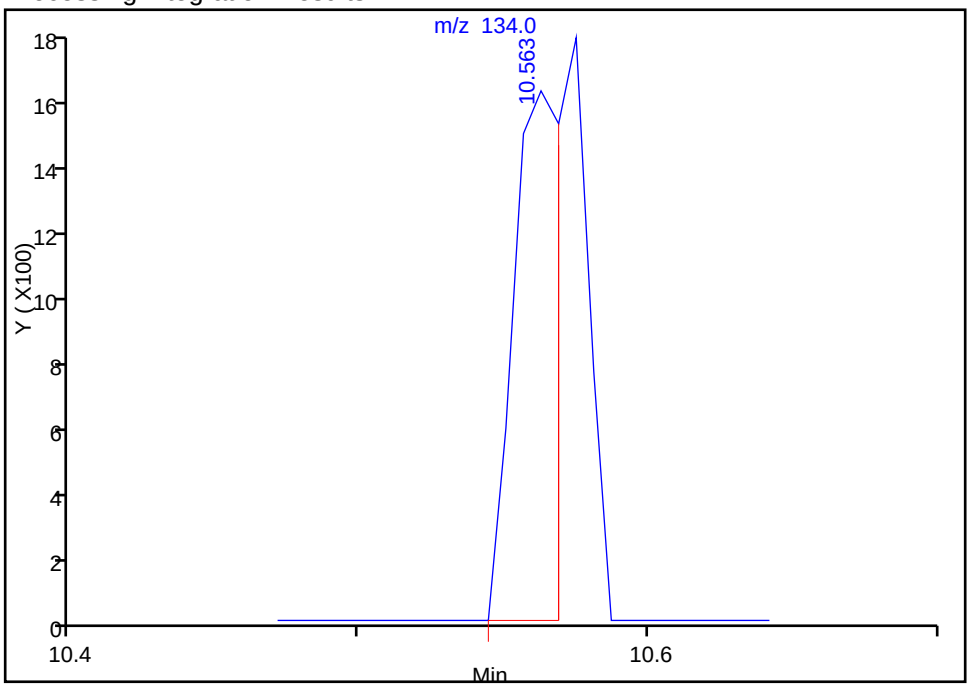
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5883.D
Injection Date: 22-Dec-2015 20:31:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: GTG ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

106 tert-Butylbenzene, CAS: 98-06-6

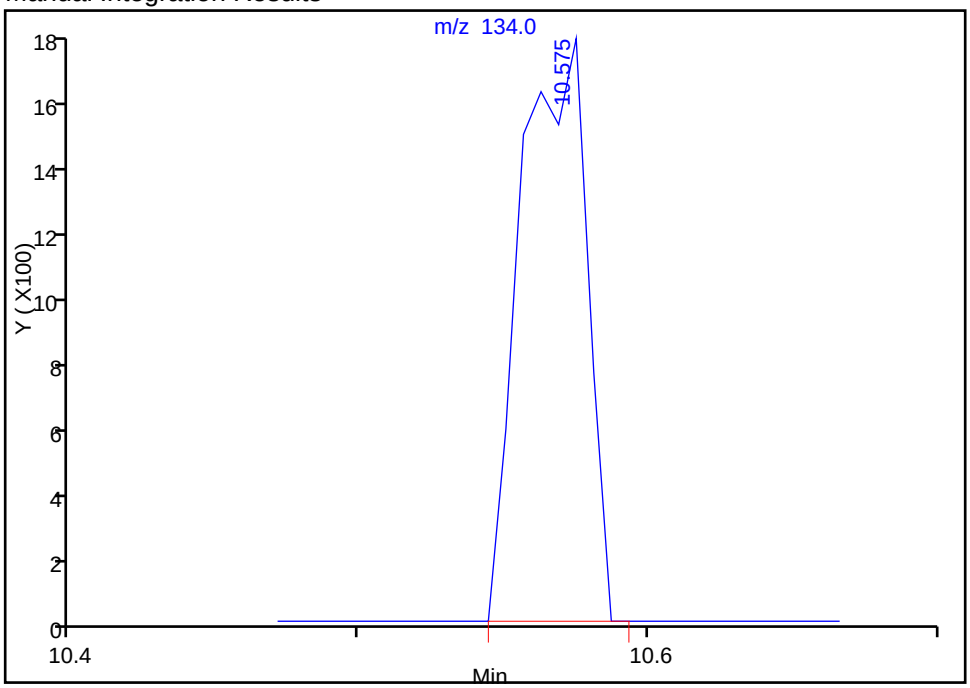
Processing Integration Results

RT: 10.56
Area: 1853
Amount: 0.345981
Amount Units: ug/L



Manual Integration Results

RT: 10.57
Area: 2755
Amount: 0.493613
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:40:40
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Dec-2015 20:58:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 480-0049506-004
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:17 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 08:36:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	0.000	98	124338	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	88	421786	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	96	220718	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	94	143687	25.0	24.3	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.313	5.313	0.000	0	188449	25.0	25.3	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	554506	25.0	25.3	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	92	181572	25.0	25.2	
11 Dichlorodifluoromethane	85	1.370	1.371	-0.001	96	7497	1.00	1.17	
13 Chloromethane	50	1.535	1.541	-0.006	98	10708	1.00	1.17	
14 Vinyl chloride	62	1.644	1.650	-0.006	96	7867	1.00	1.21	
144 Butadiene	54	1.675	1.681	-0.006	98	8114	1.00	1.22	
15 Bromomethane	94	1.967	1.973	-0.006	76	2946	1.00	1.21	
16 Chloroethane	64	2.076	2.076	0.000	83	3697	1.00	1.20	
17 Dichlorofluoromethane	67	2.301	2.301	0.000	94	9610	1.00	1.18	
18 Trichlorofluoromethane	101	2.307	2.314	-0.007	74	7061	1.00	1.01	
19 Ethyl ether	59	2.605	2.599	0.006	89	7408	1.00	1.09	
20 Acrolein	56	2.764	2.764	0.000	97	10263	5.00	5.93	M
21 1,1,2-Trichloro-1,2,2-trif	101	2.830	2.825	0.005	59	5169	1.00	0.9833	
22 1,1-Dichloroethene	96	2.830	2.825	0.005	94	6425	1.00	1.08	
23 Acetone	43	2.922	2.928	-0.006	98	15171	5.00	5.11	
24 Iodomethane	142	2.989	2.977	0.012	96	10490	1.00	1.12	
25 Carbon disulfide	76	3.019	3.025	-0.006	100	21524	1.00	1.15	
27 3-Chloro-1-propene	41	3.183	3.190	-0.007	89	16234	1.00	1.08	
28 Methyl acetate	43	3.232	3.232	0.000	99	41735	5.00	5.02	
30 Methylene Chloride	84	3.329	3.330	-0.001	96	8797	1.00	1.30	
31 2-Methyl-2-propanol	59	3.494	3.488	0.006	91	8043	10.0	10.5	M
32 Methyl tert-butyl ether	73	3.561	3.561	0.000	97	24928	1.00	1.14	
33 trans-1,2-Dichloroethene	96	3.579	3.573	0.006	69	7212	1.00	1.14	
34 Acrylonitrile	53	3.597	3.597	0.000	99	45735	10.0	12.5	M
35 Hexane	57	3.786	3.786	0.000	93	12846	1.00	1.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	95	13859	1.00	1.13	
39 Vinyl acetate	43	4.041	4.035	0.006	97	39113	2.00	2.19	
42 2,2-Dichloropropane	77	4.516	4.510	0.006	89	6651	1.00	1.10	
43 cis-1,2-Dichloroethene	96	4.540	4.540	0.000	85	7010	1.00	1.03	
44 2-Butanone (MEK)	43	4.576	4.564	0.012	99	27458	5.00	5.56	
47 Chlorobromomethane	128	4.765	4.771	-0.006	87	3543	1.00	0.9819	
49 Tetrahydrofuran	42	4.808	4.802	0.006	69	8544	2.00	2.28	
50 Chloroform	83	4.844	4.850	-0.006	94	12365	1.00	1.16	
51 1,1,1-Trichloroethane	97	4.972	4.978	-0.006	96	9950	1.00	1.18	
52 Cyclohexane	56	5.002	5.002	0.000	35	15013	1.00	1.20	
53 Carbon tetrachloride	117	5.124	5.124	0.000	82	8778	1.00	1.17	
54 1,1-Dichloropropene	75	5.136	5.130	0.006	88	9209	1.00	1.07	
56 Isobutyl alcohol	43	5.319	5.313	0.006	43	14777	25.0	29.2	
55 Benzene	78	5.331	5.331	0.000	96	28671	1.00	1.17	
57 1,2-Dichloroethane	62	5.386	5.386	0.000	95	11181	1.00	1.15	
59 n-Heptane	43	5.532	5.532	0.000	95	18199	1.00	1.33	M
60 Trichloroethene	95	5.951	5.945	0.006	95	7239	1.00	1.19	
62 Methylcyclohexane	83	6.079	6.085	-0.006	94	13069	1.00	1.12	
63 1,2-Dichloropropane	63	6.170	6.171	-0.001	90	7056	1.00	1.12	
64 Dibromomethane	93	6.310	6.304	0.006	94	3407	1.00	0.9402	
66 1,4-Dioxane	88		6.317				ND	ND	
67 Dichlorobromomethane	83	6.462	6.456	0.006	93	8092	1.00	1.12	
69 2-Chloroethyl vinyl ether	63	6.748	6.736	0.012	87	3727	1.00	0.9698	
71 cis-1,3-Dichloropropene	75	6.882	6.876	0.006	91	9444	1.00	1.04	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	98	17083	5.00	5.47	
73 Toluene	92	7.180	7.180	0.000	98	17898	1.00	1.19	M
75 trans-1,3-Dichloropropene	75	7.448	7.442	0.006	95	7937	1.00	1.02	M
77 Ethyl methacrylate	69	7.497	7.497	0.000	88	7773	1.00	1.02	
78 1,1,2-Trichloroethane	83	7.630	7.631	-0.001	90	4858	1.00	1.18	
79 Tetrachloroethene	166	7.728	7.722	0.006	93	7488	1.00	1.12	
80 1,3-Dichloropropane	76	7.801	7.795	0.006	96	8551	1.00	0.9764	
82 2-Hexanone	43	7.868	7.862	0.006	96	32444	5.00	5.46	M
83 Chlorodibromomethane	129	8.032	8.032	0.000	84	5213	1.00	1.01	
84 Ethylene Dibromide	107	8.148	8.142	0.006	95	4988	1.00	1.01	
85 Chlorobenzene	112	8.628	8.628	0.000	95	18305	1.00	1.13	
89 1,1,1,2-Tetrachloroethane	131	8.713	8.720	-0.007	44	6563	1.00	1.15	
88 Ethylbenzene	91	8.725	8.726	-0.001	99	32384	1.00	1.19	
90 m-Xylene & p-Xylene	106	8.847	8.847	0.000	0	11509	1.00	1.09	
91 o-Xylene	106	9.273	9.273	0.000	95	11396	1.00	1.05	
92 Styrene	104	9.303	9.297	0.006	96	17579	1.00	1.06	
93 Bromoform	173	9.541	9.535	0.006	89	2934	1.00	1.00	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	31653	1.00	1.14	
97 Bromobenzene	156	9.991	9.991	0.000	93	7437	1.00	1.07	
98 1,1,2,2-Tetrachloroethane	83	10.027	10.028	-0.001	95	7739	1.00	1.08	
99 1,2,3-Trichloropropane	110	10.058	10.064	-0.006	89	2009	1.00	0.9142	
101 trans-1,4-Dichloro-2-buten	53	10.076	10.070	0.006	60	2483	1.00	1.02	
100 N-Propylbenzene	91	10.076	10.076	0.000	97	36362	1.00	1.15	
102 2-Chlorotoluene	126	10.179	10.180	-0.001	97	7656	1.00	1.15	
104 1,3,5-Trimethylbenzene	105	10.252	10.253	-0.001	94	25876	1.00	1.13	
105 4-Chlorotoluene	91	10.289	10.289	0.000	95	27019	1.00	1.21	
106 tert-Butylbenzene	134	10.569	10.569	0.000	94	5826	1.00	1.05	
108 1,2,4-Trimethylbenzene	105	10.624	10.624	0.000	96	25876	1.00	1.14	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	32966	1.00	1.12	
110 1,3-Dichlorobenzene	146	10.909	10.910	-0.001	96	15330	1.00	1.17	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	29393	1.00	1.16	
113 1,4-Dichlorobenzene	146	10.989	10.995	-0.006	96	15903	1.00	1.17	
115 n-Butylbenzene	91	11.299	11.299	0.000	97	24214	1.00	1.13	
116 1,2-Dichlorobenzene	146	11.341	11.342	-0.001	96	14265	1.00	1.12	
117 1,2-Dibromo-3-Chloropropan	75	12.053	12.059	-0.006	69	1025	1.00	0.7980	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	91	8144	1.00	1.00	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	91	5321	1.00	1.20	
121 Naphthalene	128	12.960	12.954	0.006	97	22267	1.00	1.01	
122 1,2,3-Trichlorobenzene	180	13.160	13.161	-0.001	93	8177	1.00	1.10	
S 123 1,3-Dichloropropene, Total	1				0			2.07	
S 124 1,2-Dichloroethene, Total	1				0			2.17	
S 125 Total BTEX	1				0			5.69	
S 126 Xylenes, Total	1				0			2.14	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	1.00	Units: uL	
GAS CORP mix_00127	Amount Added:	1.00	Units: uL	
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent

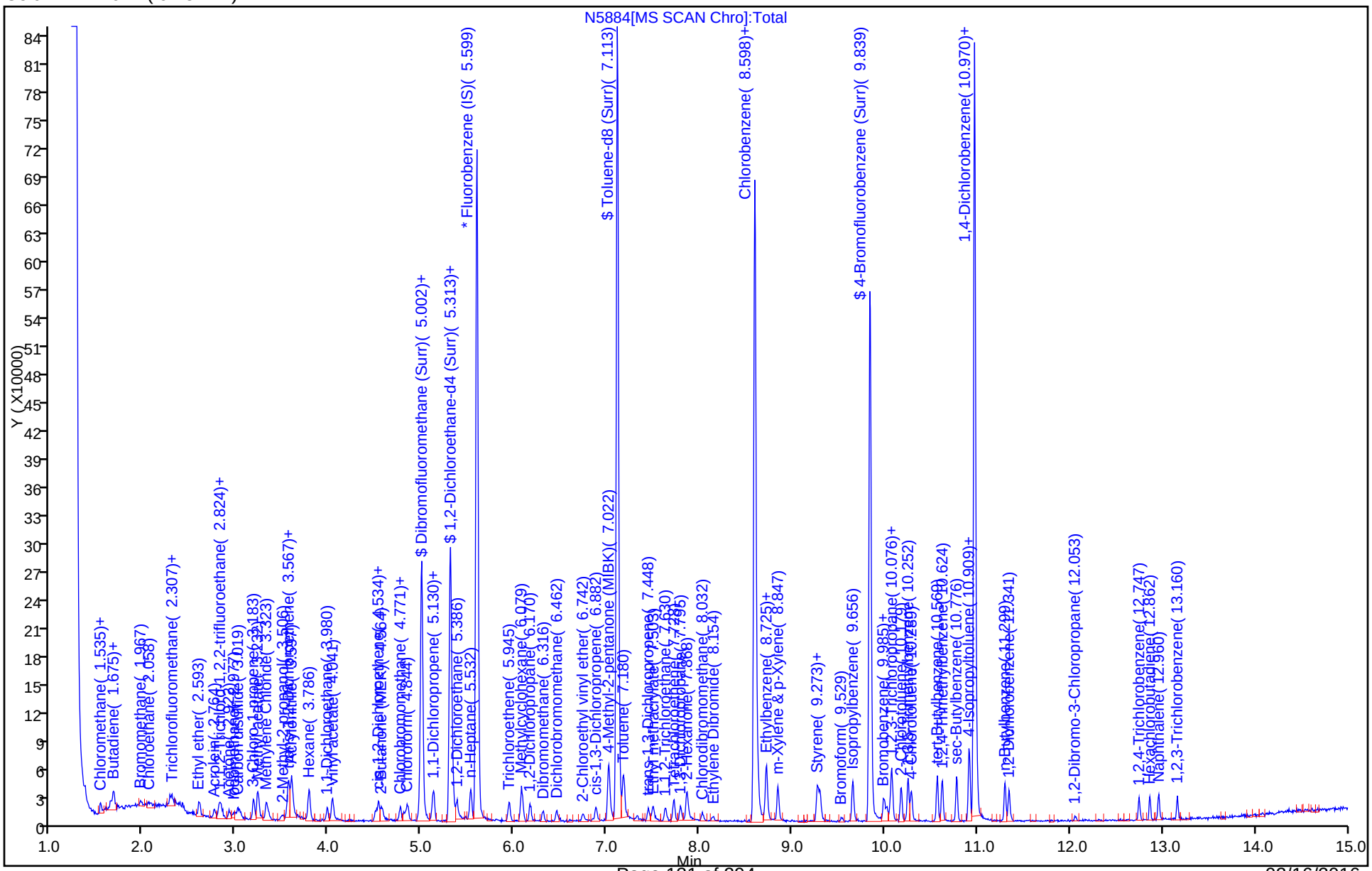
Report Date: 23-Dec-2015 17:09:18 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D

Injection Date:	22-Dec-2015 20:58:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



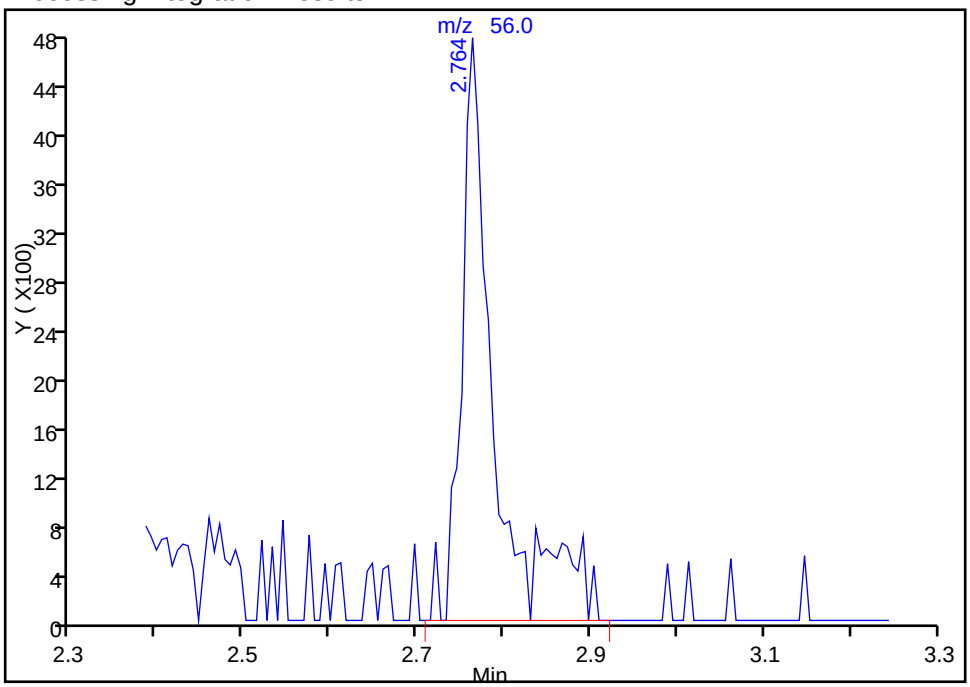
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Injection Date: 22-Dec-2015 20:58:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

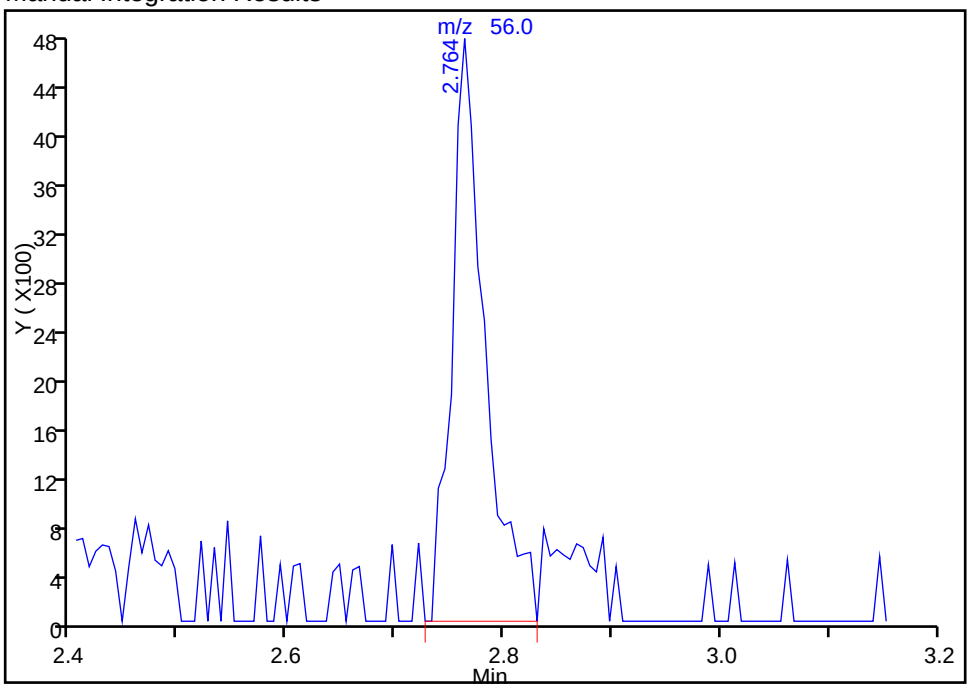
Processing Integration Results

RT: 2.76
Area: 12752
Amount: 5.842656
Amount Units: ug/L



Manual Integration Results

RT: 2.76
Area: 10263
Amount: 5.930536
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:36:38
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

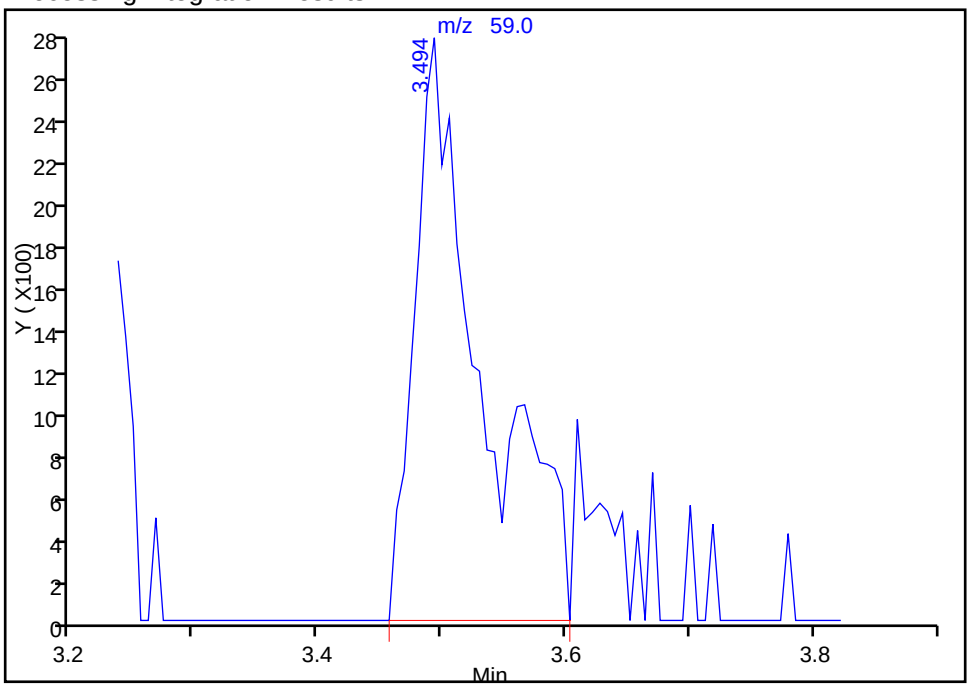
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Injection Date: 22-Dec-2015 20:58:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

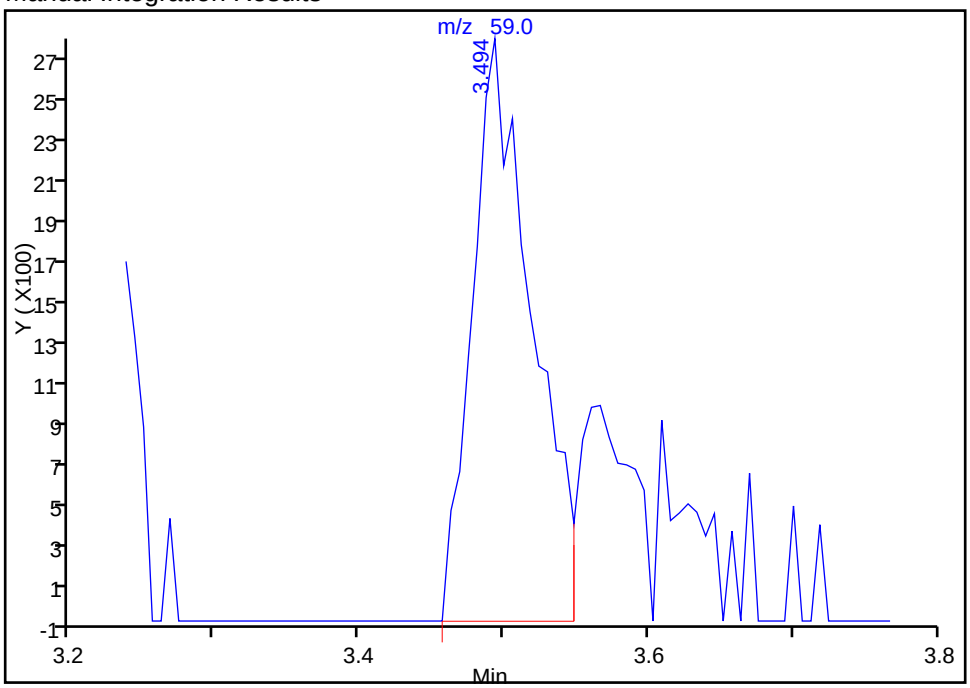
Processing Integration Results

RT: 3.49
Area: 10473
Amount: 12.842913
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 8043
Amount: 10.524752
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 09:01:34
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

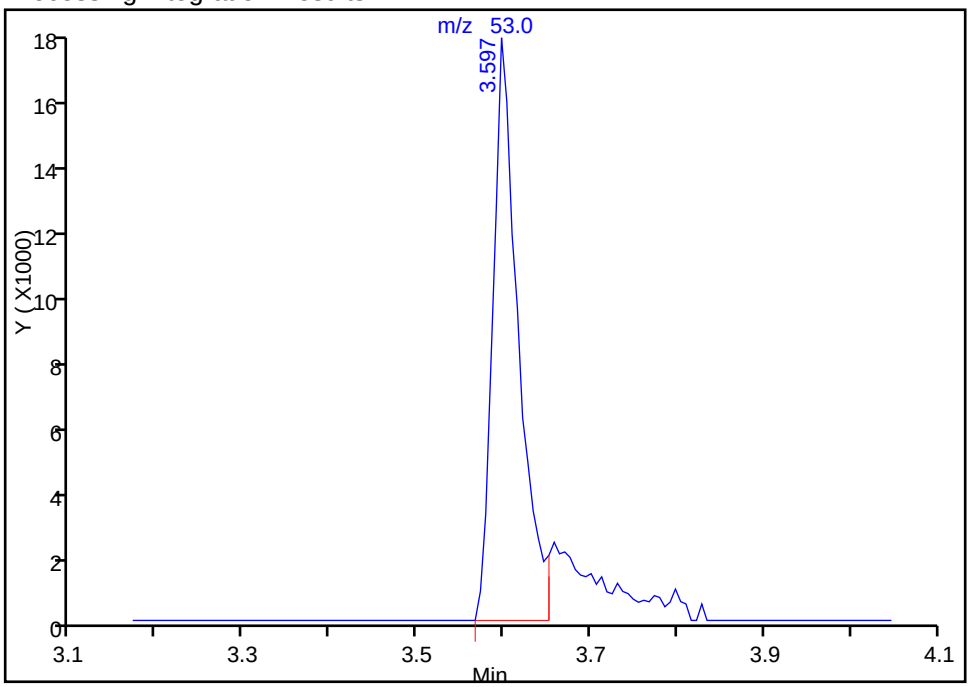
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Injection Date: 22-Dec-2015 20:58:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

34 Acrylonitrile, CAS: 107-13-1

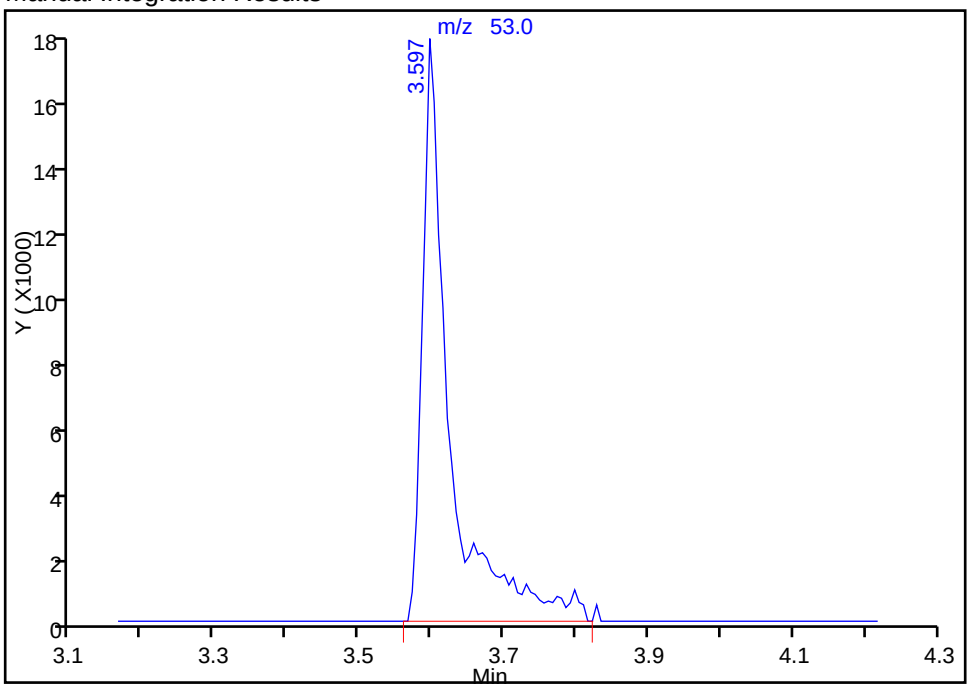
Processing Integration Results

RT: 3.60
Area: 35761
Amount: 10.119254
Amount Units: ug/L



Manual Integration Results

RT: 3.60
Area: 45735
Amount: 12.500576
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:36:38
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

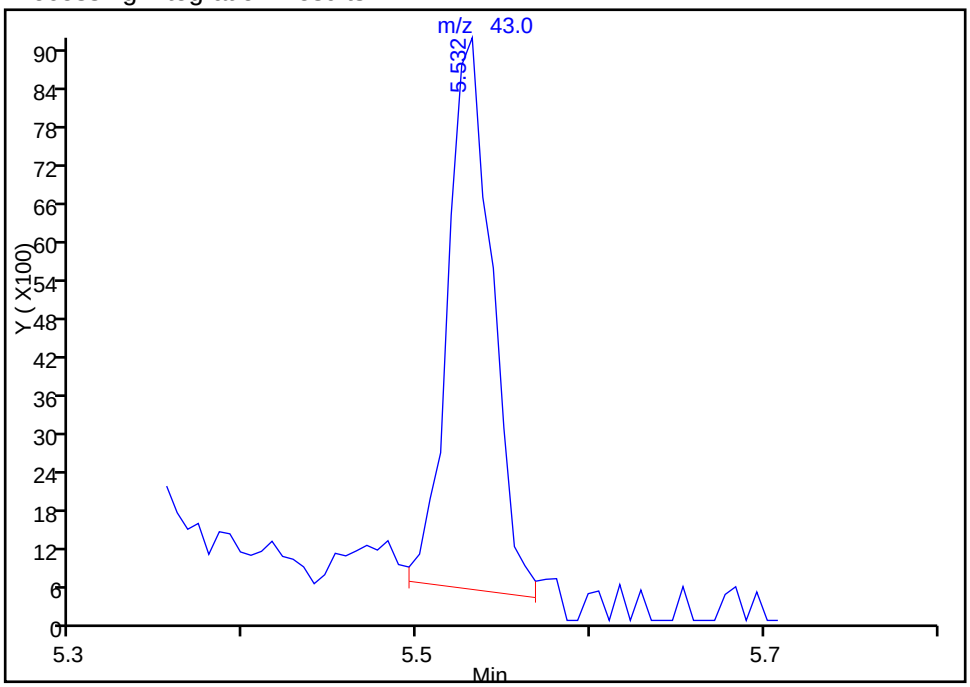
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Injection Date: 22-Dec-2015 20:58:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

59 n-Heptane, CAS: 142-82-5

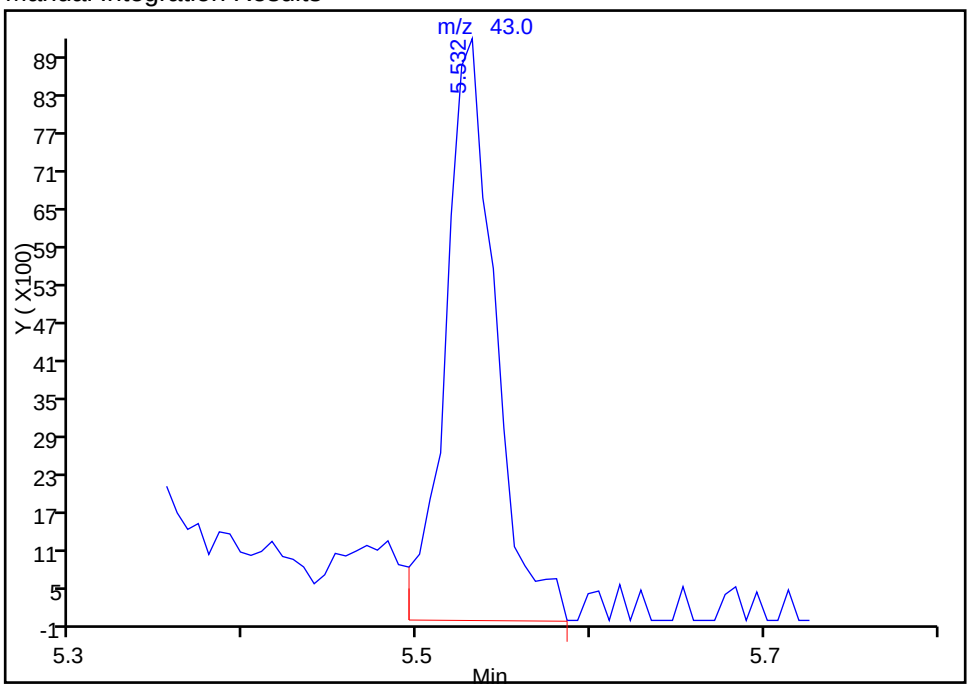
Processing Integration Results

RT: 5.53
Area: 15392
Amount: 1.152558
Amount Units: ug/L



Manual Integration Results

RT: 5.53
Area: 18199
Amount: 1.327860
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:36:38
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

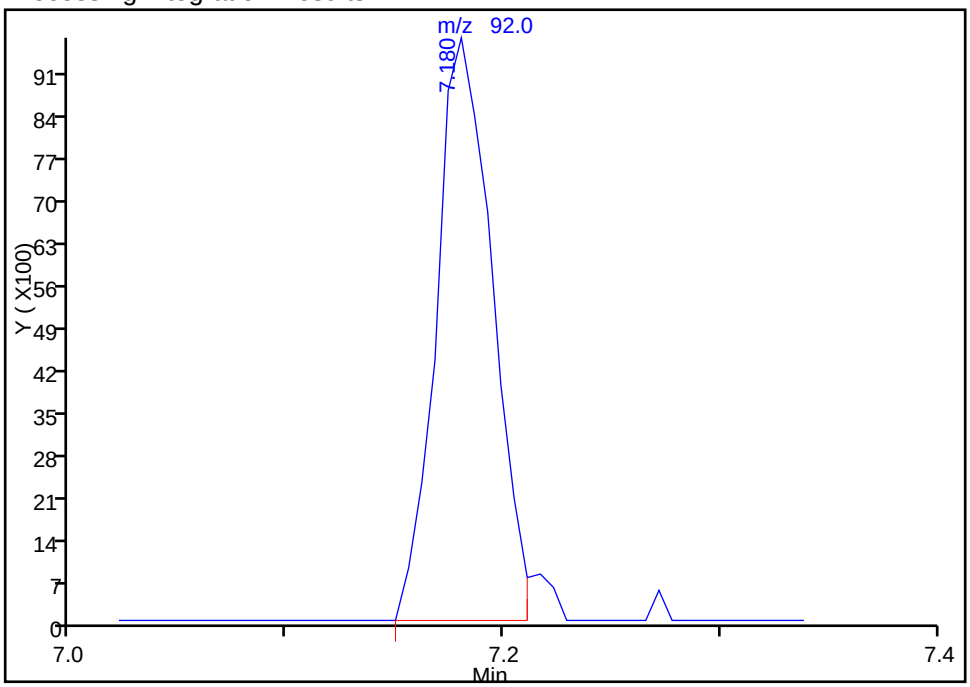
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Injection Date: 22-Dec-2015 20:58:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

73 Toluene, CAS: 108-88-3

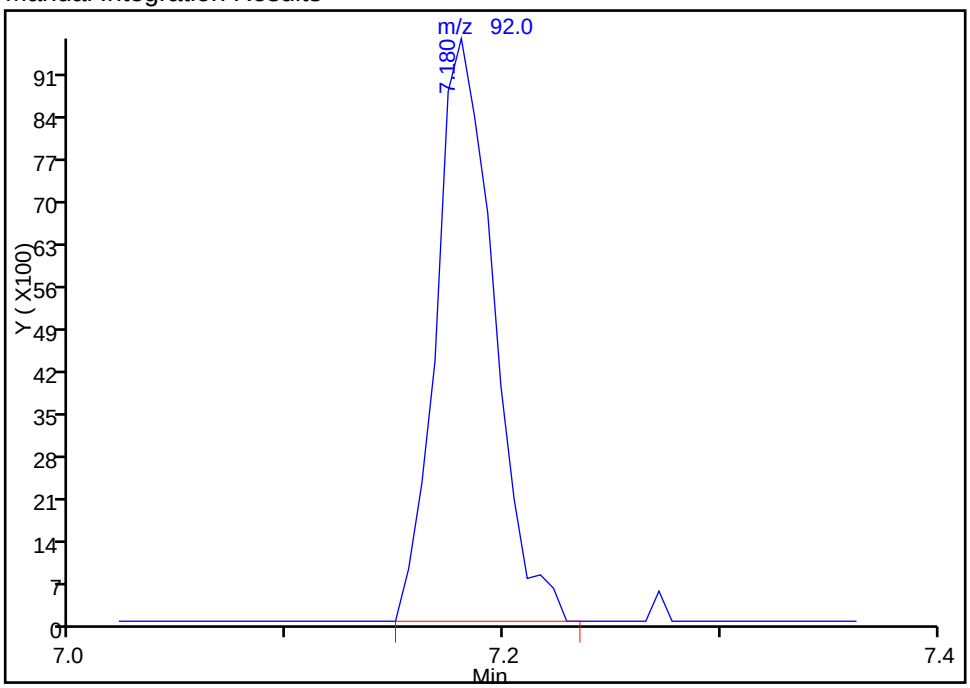
Processing Integration Results

RT: 7.18
Area: 17418
Amount: 1.163581
Amount Units: ug/L



Manual Integration Results

RT: 7.18
Area: 17898
Amount: 1.190874
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:36:38
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

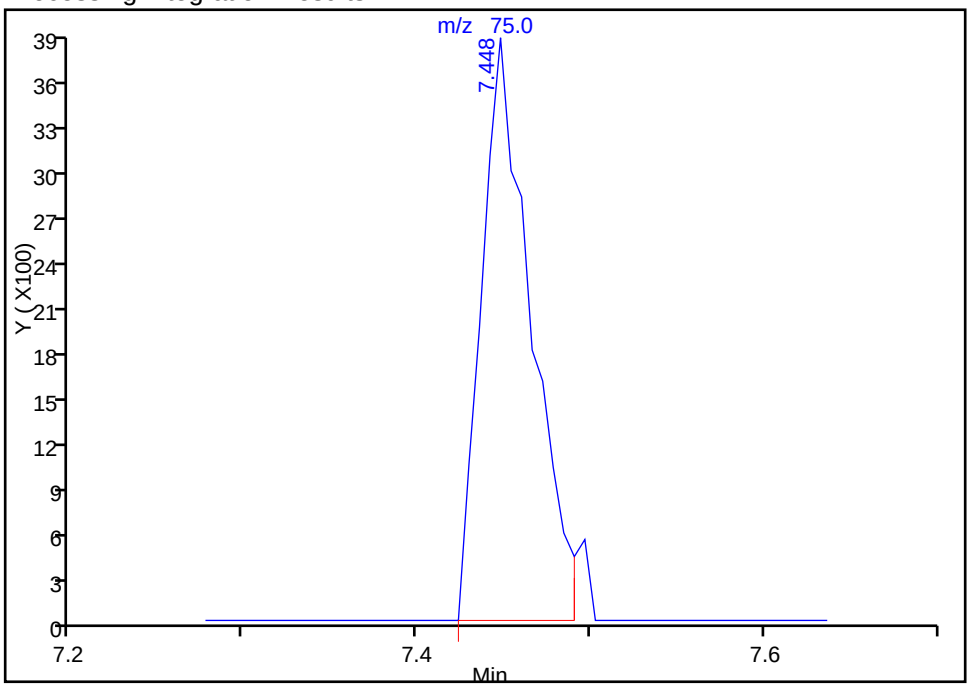
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Injection Date: 22-Dec-2015 20:58:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

75 trans-1,3-Dichloropropene, CAS: 10061-02-6

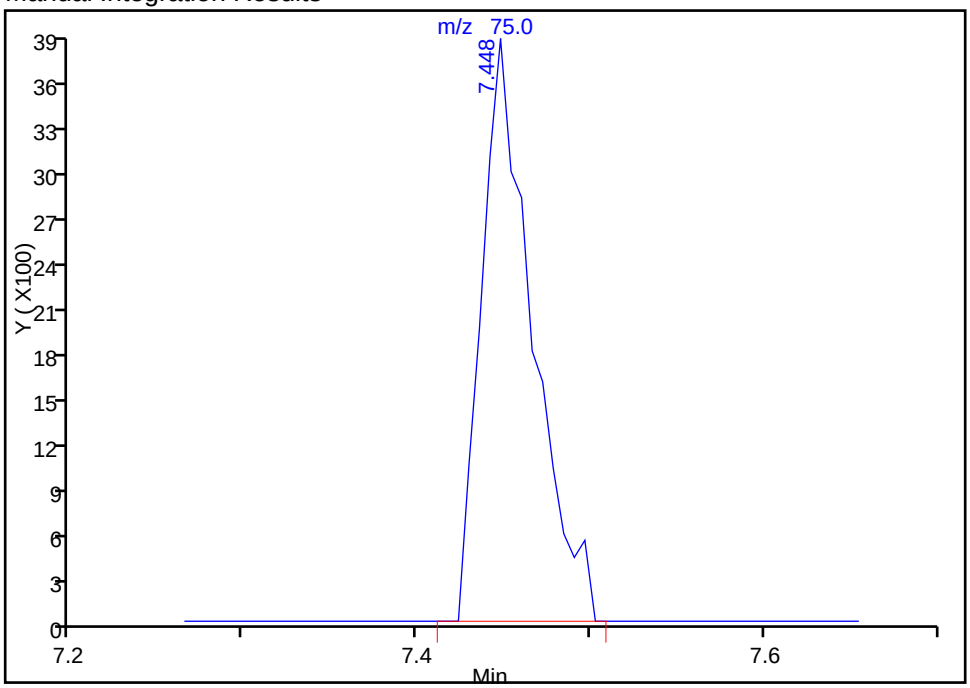
Processing Integration Results

RT: 7.45
Area: 7739
Amount: 0.998147
Amount Units: ug/L



Manual Integration Results

RT: 7.45
Area: 7937
Amount: 1.020427
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:36:38
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

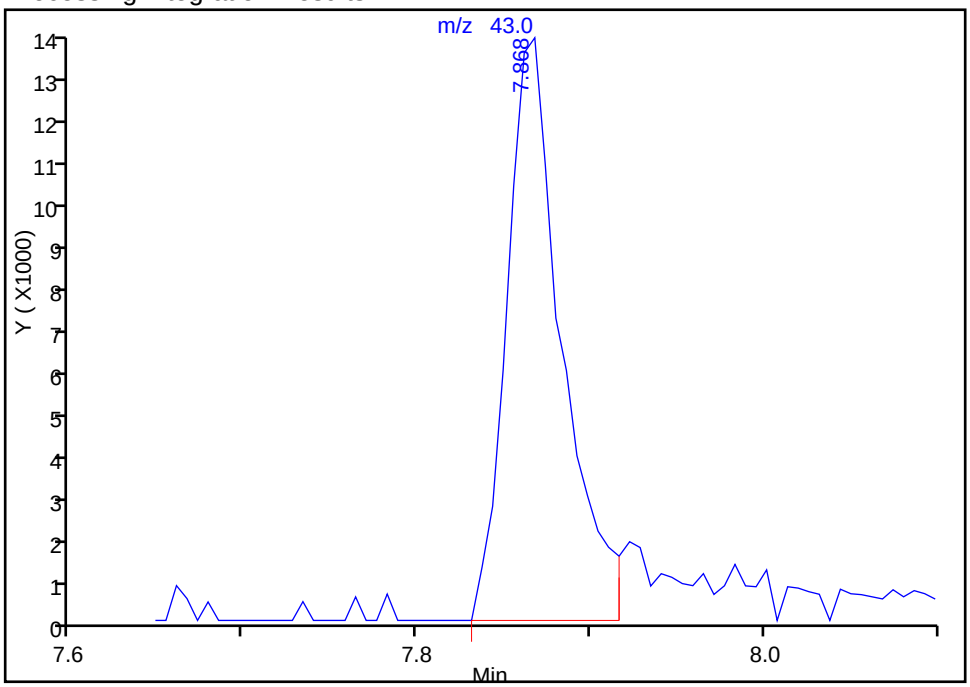
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5884.D
Injection Date: 22-Dec-2015 20:58:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: GTG ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

82 2-Hexanone, CAS: 591-78-6

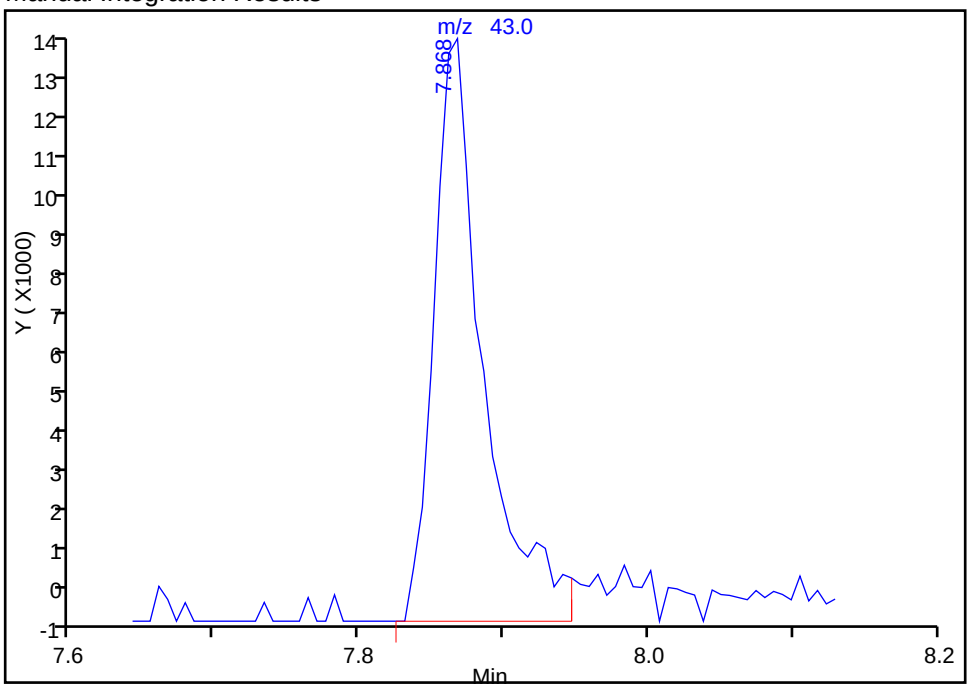
Processing Integration Results

RT: 7.87
Area: 30080
Amount: 5.115442
Amount Units: ug/L



Manual Integration Results

RT: 7.87
Area: 32444
Amount: 5.462564
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:36:38
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 22-Dec-2015 21:24:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 2
Misc. Info.: 480-0049506-005
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:20 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 08:32:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	0.000	98	126312	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	415076	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	217678	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	95	155761	25.0	26.0	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.313	-0.006	0	191280	25.0	25.3	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	537223	25.0	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	91	175679	25.0	24.8	
11 Dichlorodifluoromethane	85	1.364	1.371	-0.007	98	14784	2.00	2.27	
13 Chloromethane	50	1.535	1.541	-0.006	99	19854	2.00	2.13	
14 Vinyl chloride	62	1.644	1.650	-0.006	97	15594	2.00	2.36	
144 Butadiene	54	1.675	1.681	-0.006	97	15545	2.00	2.30	
15 Bromomethane	94	1.967	1.973	-0.006	90	5536	2.00	2.24	
16 Chloroethane	64	2.070	2.076	-0.006	89	6835	2.00	2.19	
17 Dichlorofluoromethane	67	2.289	2.301	-0.012	93	18551	2.00	2.23	M
18 Trichlorofluoromethane	101	2.301	2.314	-0.013	62	14762	2.00	2.08	
19 Ethyl ether	59	2.599	2.599	0.000	89	14819	2.00	2.15	
20 Acrolein	56	2.764	2.764	0.000	95	17839	10.0	10.1	M
21 1,1,2-Trichloro-1,2,2-trif	101	2.831	2.825	0.006	92	11063	2.00	2.07	M
22 1,1-Dichloroethene	96	2.812	2.825	-0.013	95	13360	2.00	2.22	
23 Acetone	43	2.922	2.928	-0.006	97	27845	10.0	9.24	
24 Iodomethane	142	2.971	2.977	-0.006	95	20813	2.00	2.18	
25 Carbon disulfide	76	3.019	3.025	-0.006	99	42385	2.00	2.23	
27 3-Chloro-1-propene	41	3.183	3.190	-0.007	89	35175	2.00	2.30	M
28 Methyl acetate	43	3.226	3.232	-0.006	99	86855	10.0	10.3	
30 Methylene Chloride	84	3.323	3.330	-0.007	95	15902	2.00	2.31	
31 2-Methyl-2-propanol	59	3.488	3.488	0.000	96	15703	20.0	20.2	M
32 Methyl tert-butyl ether	73	3.555	3.561	-0.006	99	47416	2.00	2.13	
33 trans-1,2-Dichloroethene	96	3.567	3.573	-0.006	96	14478	2.00	2.25	
34 Acrylonitrile	53	3.591	3.597	-0.006	99	74324	20.0	20.0	
35 Hexane	57	3.786	3.786	0.000	95	27037	2.00	2.28	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	96	27840	2.00	2.24	
39 Vinyl acetate	43	4.035	4.035	0.000	97	71131	4.00	3.91	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	90	13760	2.00	2.23	
43 cis-1,2-Dichloroethene	96	4.534	4.540	-0.006	85	15134	2.00	2.20	
44 2-Butanone (MEK)	43	4.571	4.564	0.007	97	53405	10.0	10.7	
47 Chlorobromomethane	128	4.771	4.771	0.000	90	7292	2.00	1.99	
49 Tetrahydrofuran	42	4.814	4.802	0.012	87	16128	4.00	4.23	
50 Chloroform	83	4.844	4.850	-0.006	96	23413	2.00	2.16	
51 1,1,1-Trichloroethane	97	4.978	4.978	0.000	97	18691	2.00	2.18	
52 Cyclohexane	56	5.002	5.002	0.000	39	27633	2.00	2.18	
53 Carbon tetrachloride	117	5.118	5.124	-0.006	81	16318	2.00	2.13	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	87	18768	2.00	2.15	
56 Isobutyl alcohol	43	5.319	5.313	0.006	46	21193	50.0	41.2	
55 Benzene	78	5.331	5.331	0.000	97	53186	2.00	2.14	
57 1,2-Dichloroethane	62	5.386	5.386	0.000	95	20588	2.00	2.08	
59 n-Heptane	43	5.532	5.532	0.000	96	28117	2.00	2.02	
60 Trichloroethene	95	5.945	5.945	0.000	95	14089	2.00	2.27	
62 Methylcyclohexane	83	6.085	6.085	0.000	94	27719	2.00	2.35	
63 1,2-Dichloropropane	63	6.170	6.171	-0.001	84	12971	2.00	2.03	
64 Dibromomethane	93	6.317	6.304	0.012	90	7456	2.00	2.03	
66 1,4-Dioxane	88	6.317	6.317	-0.001	0	1291	40.0	35.2	M
67 Dichlorobromomethane	83	6.456	6.456	0.000	96	14455	2.00	1.97	
69 2-Chloroethyl vinyl ether	63	6.748	6.736	0.012	89	5967	2.00	1.53	
71 cis-1,3-Dichloropropene	75	6.882	6.876	0.006	91	17022	2.00	1.85	
72 4-Methyl-2-pentanone (MIBK	58	7.022	7.016	0.006	99	32163	10.0	10.5	
73 Toluene	92	7.180	7.180	0.000	97	30884	2.00	2.09	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	96	14067	2.00	1.84	
77 Ethyl methacrylate	69	7.503	7.497	0.006	94	14204	2.00	1.89	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	87	8056	2.00	1.98	
79 Tetrachloroethene	166	7.722	7.722	0.000	97	13859	2.00	2.11	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	97	16048	2.00	1.86	M
82 2-Hexanone	43	7.862	7.862	0.000	97	58814	10.0	10.1	
83 Chlorodibromomethane	129	8.032	8.032	0.000	90	9414	2.00	1.86	
84 Ethylene Dibromide	107	8.142	8.142	0.000	96	9462	2.00	1.94	
85 Chlorobenzene	112	8.628	8.628	0.000	95	32915	2.00	2.07	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	91	11982	2.00	2.13	
88 Ethylbenzene	91	8.726	8.726	0.000	99	57909	2.00	2.17	
90 m-Xylene & p-Xylene	106	8.847	8.847	0.000	0	21440	2.00	2.05	
91 o-Xylene	106	9.273	9.273	0.000	98	23213	2.00	2.17	
92 Styrene	104	9.297	9.297	0.000	95	32646	2.00	2.00	
93 Bromoform	173	9.535	9.535	0.000	91	5305	2.00	1.83	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	58667	2.00	2.14	
97 Bromobenzene	156	9.991	9.991	0.000	93	13696	2.00	2.00	
98 1,1,2,2-Tetrachloroethane	83	10.027	10.028	-0.001	95	14381	2.00	2.03	
99 1,2,3-Trichloropropane	110	10.058	10.064	-0.006	91	4313	2.00	1.99	
101 trans-1,4-Dichloro-2-buten	53	10.076	10.070	0.006	60	4230	2.00	1.75	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	66665	2.00	2.13	
102 2-Chlorotoluene	126	10.180	10.180	0.000	96	13763	2.00	2.10	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	93	47405	2.00	2.10	
105 4-Chlorotoluene	91	10.289	10.289	0.000	95	49427	2.00	2.25	
106 tert-Butylbenzene	134	10.569	10.569	0.000	93	11398	2.00	2.09	
108 1,2,4-Trimethylbenzene	105	10.618	10.624	-0.006	97	46530	2.00	2.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	60858	2.00	2.11	
110 1,3-Dichlorobenzene	146	10.910	10.910	0.000	96	27585	2.00	2.13	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	98	52094	2.00	2.08	
113 1,4-Dichlorobenzene	146	10.989	10.995	-0.006	96	28474	2.00	2.13	
115 n-Butylbenzene	91	11.299	11.299	0.000	98	45122	2.00	2.13	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	97	25858	2.00	2.06	
117 1,2-Dibromo-3-Chloropropan	75	12.053	12.059	-0.006	73	2326	2.00	1.84	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	94	16472	2.00	2.06	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	95	9106	2.00	2.08	
121 Naphthalene	128	12.960	12.954	0.006	97	44976	2.00	2.06	
122 1,2,3-Trichlorobenzene	180	13.161	13.161	0.000	92	15210	2.00	2.08	
S 123 1,3-Dichloropropene, Total	1				0			3.69	
S 124 1,2-Dichloroethene, Total	1				0			4.45	
S 125 Total BTEX	1				0			10.6	
S 126 Xylenes, Total	1				0			4.23	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	2.00	Units: uL	
GAS CORP mix_00127	Amount Added:	2.00	Units: uL	
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent

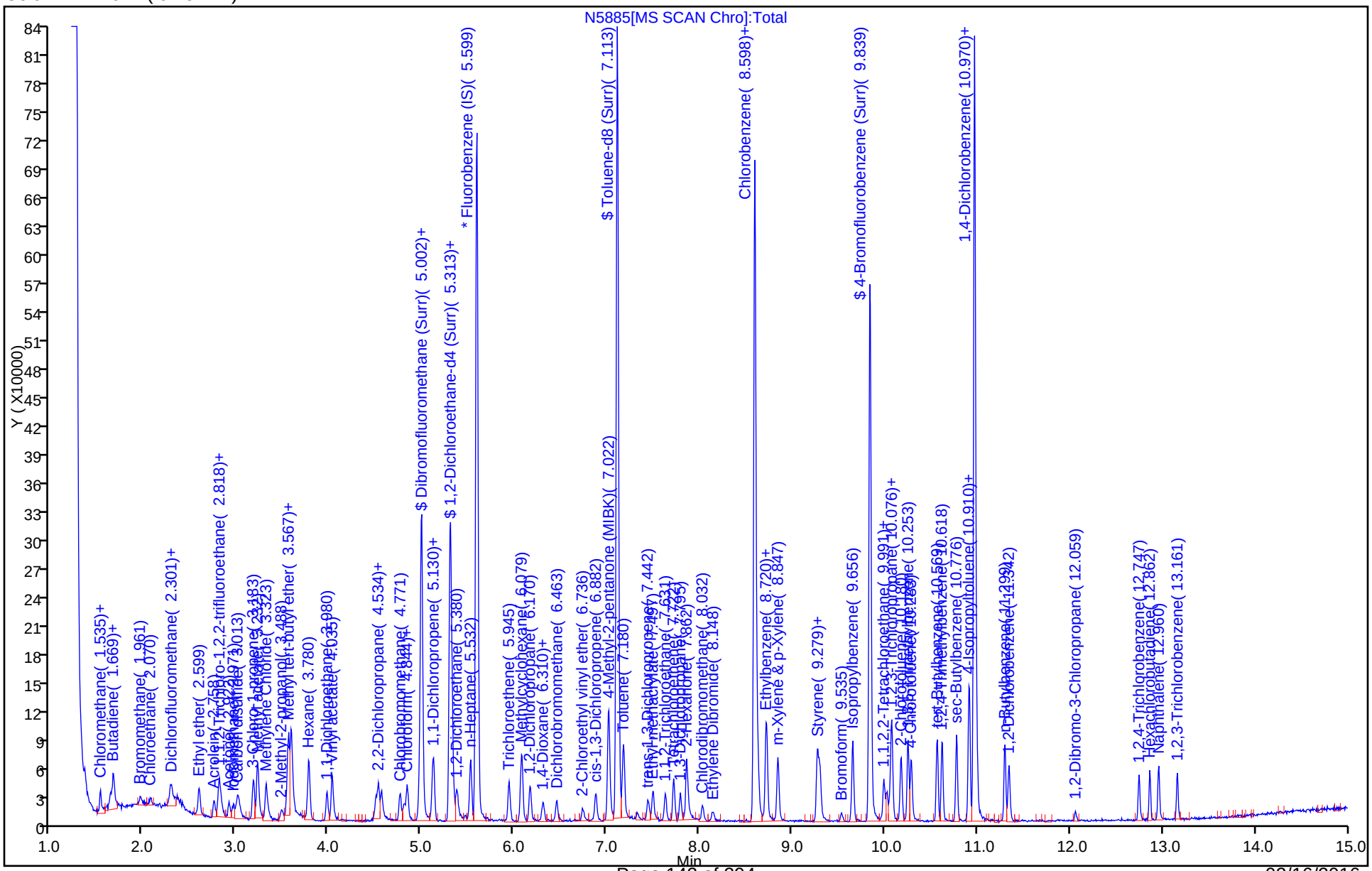
Report Date: 23-Dec-2015 17:09:21 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D

Injection Date:	22-Dec-2015 21:24:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	IC 2			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



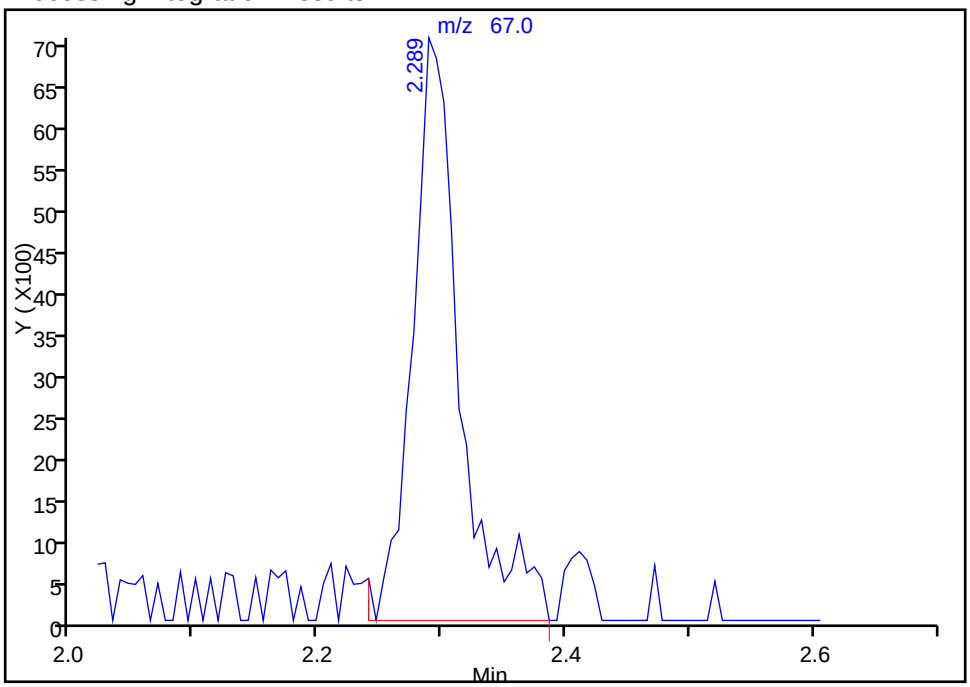
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Injection Date: 22-Dec-2015 21:24:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

17 Dichlorofluoromethane, CAS: 75-43-4

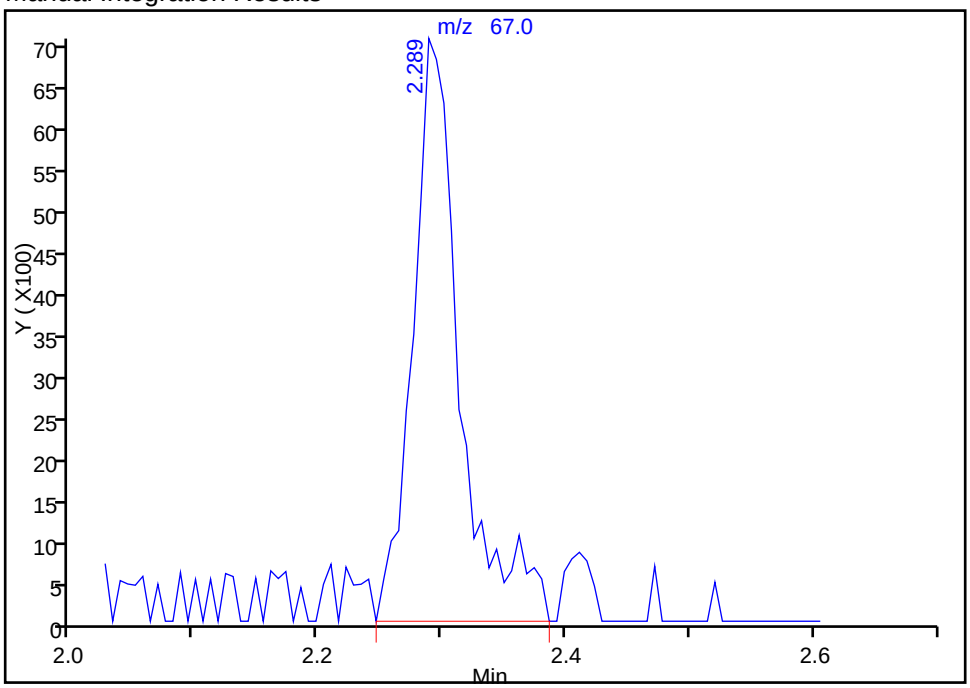
Processing Integration Results

RT: 2.29
Area: 18736
Amount: 2.244616
Amount Units: ug/L



Manual Integration Results

RT: 2.29
Area: 18551
Amount: 2.233219
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:32:59
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

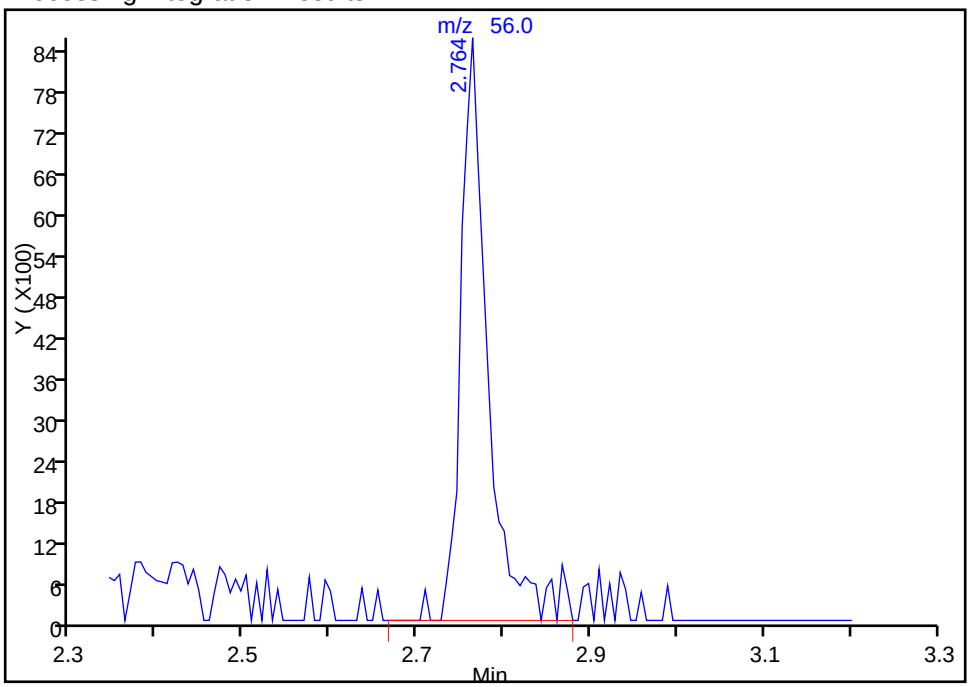
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Injection Date: 22-Dec-2015 21:24:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

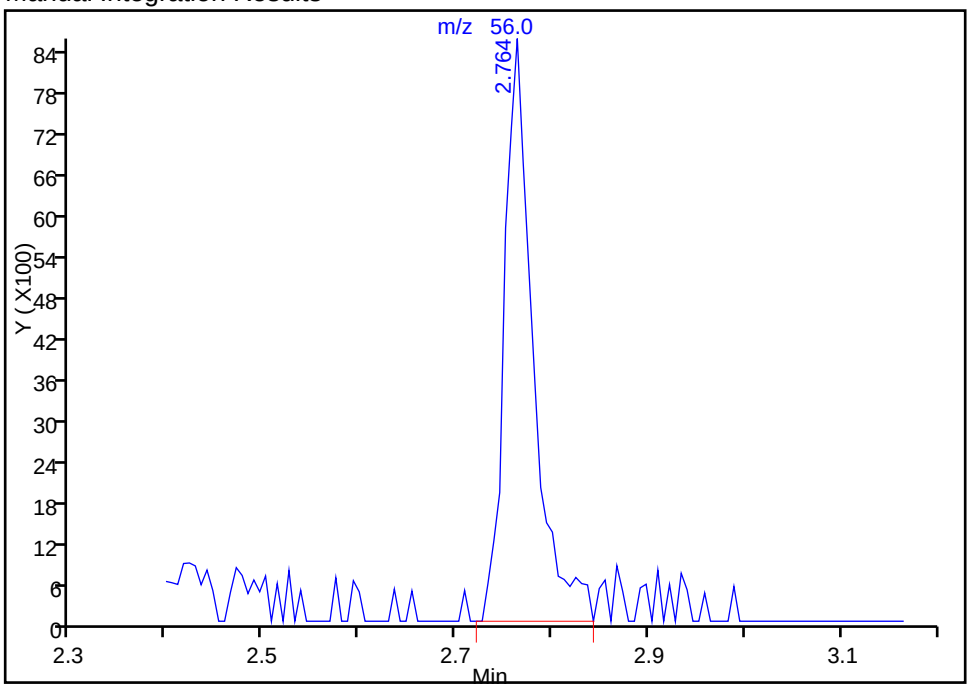
Processing Integration Results

RT: 2.76
Area: 18859
Amount: 9.354049
Amount Units: ug/L



Manual Integration Results

RT: 2.76
Area: 17839
Amount: 10.147275
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:32:59
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

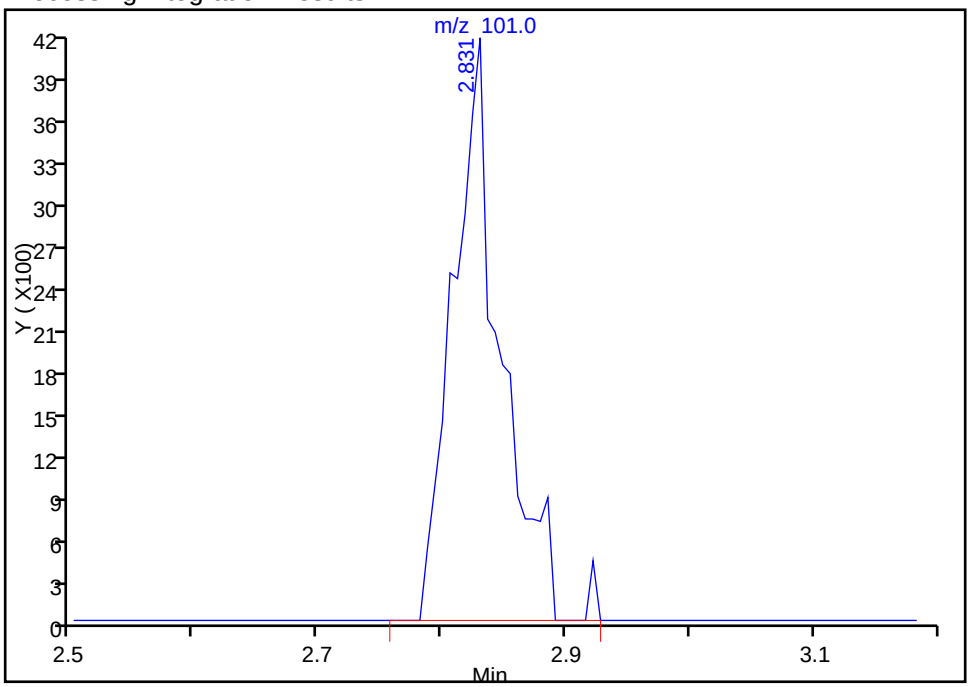
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Injection Date: 22-Dec-2015 21:24:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

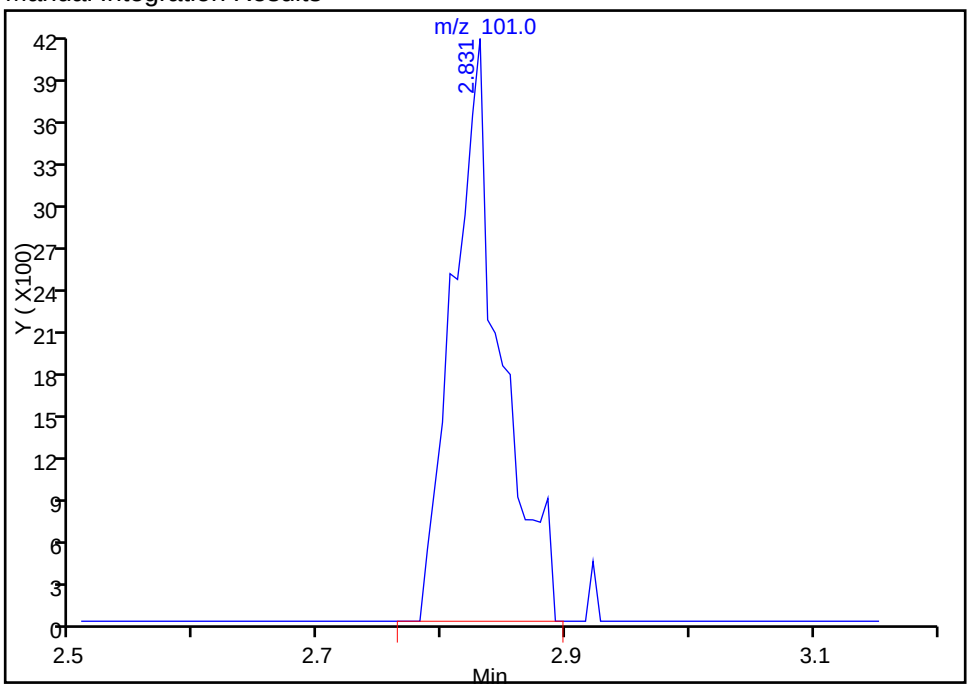
Processing Integration Results

RT: 2.83
Area: 11219
Amount: 2.096512
Amount Units: ug/L



Manual Integration Results

RT: 2.83
Area: 11063
Amount: 2.071673
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:32:59
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

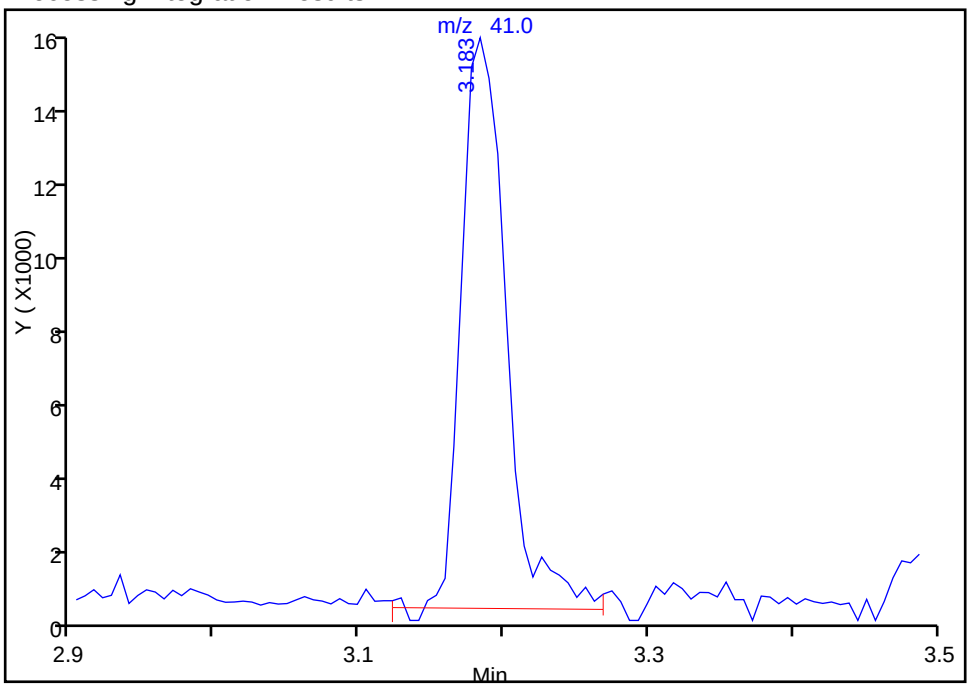
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Injection Date: 22-Dec-2015 21:24:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

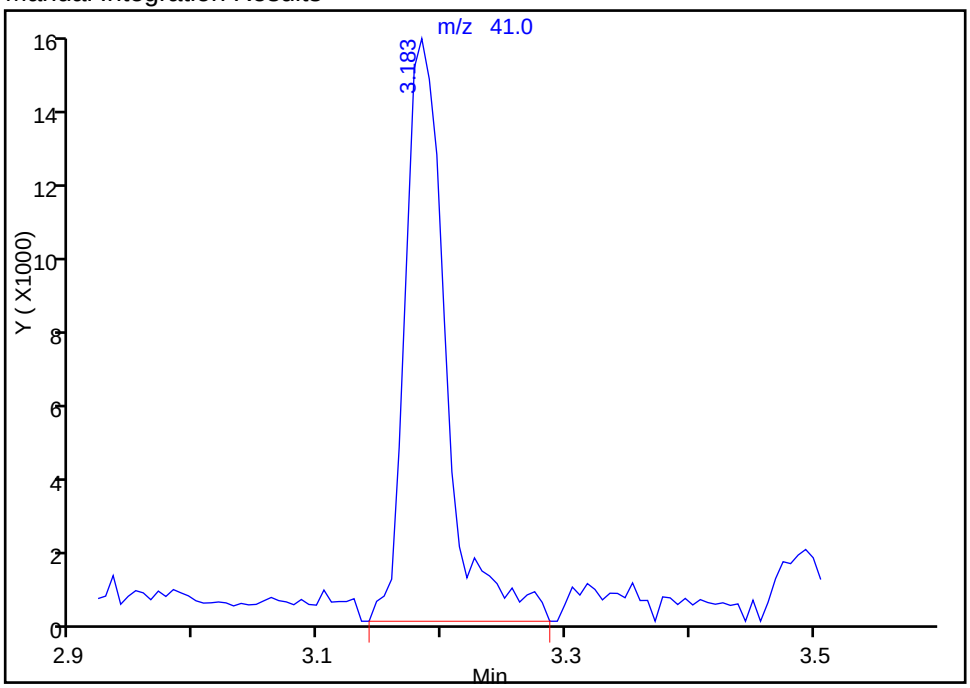
Processing Integration Results

RT: 3.18
Area: 32266
Amount: 2.138182
Amount Units: ug/L



Manual Integration Results

RT: 3.18
Area: 35175
Amount: 2.303204
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:32:59
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

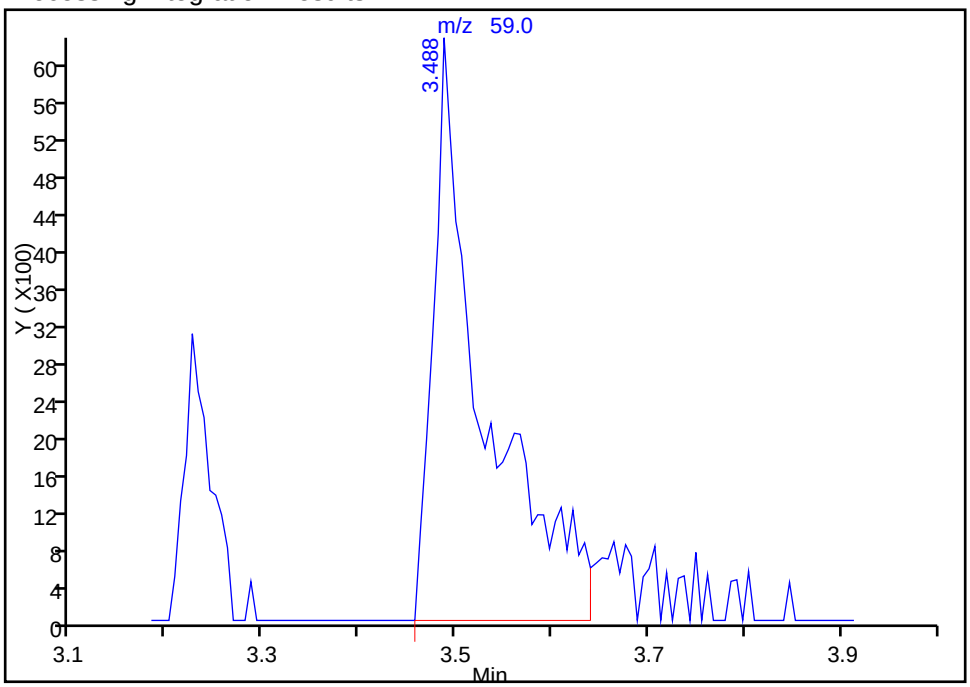
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Injection Date: 22-Dec-2015 21:24:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

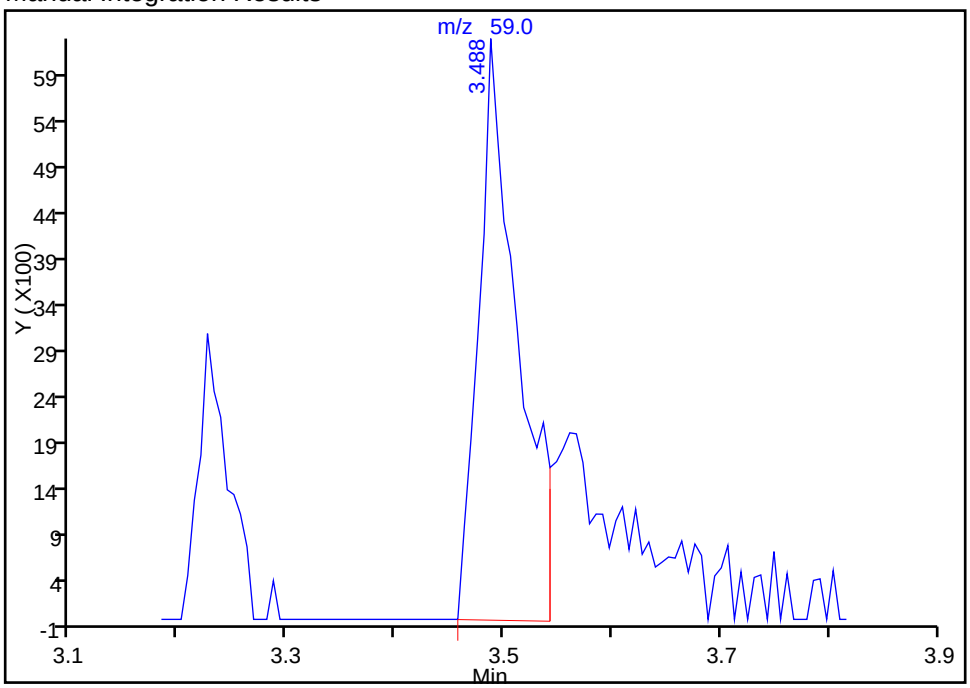
Processing Integration Results

RT: 3.49
Area: 22793
Amount: 26.116954
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 15703
Amount: 20.227197
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 09:01:04
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

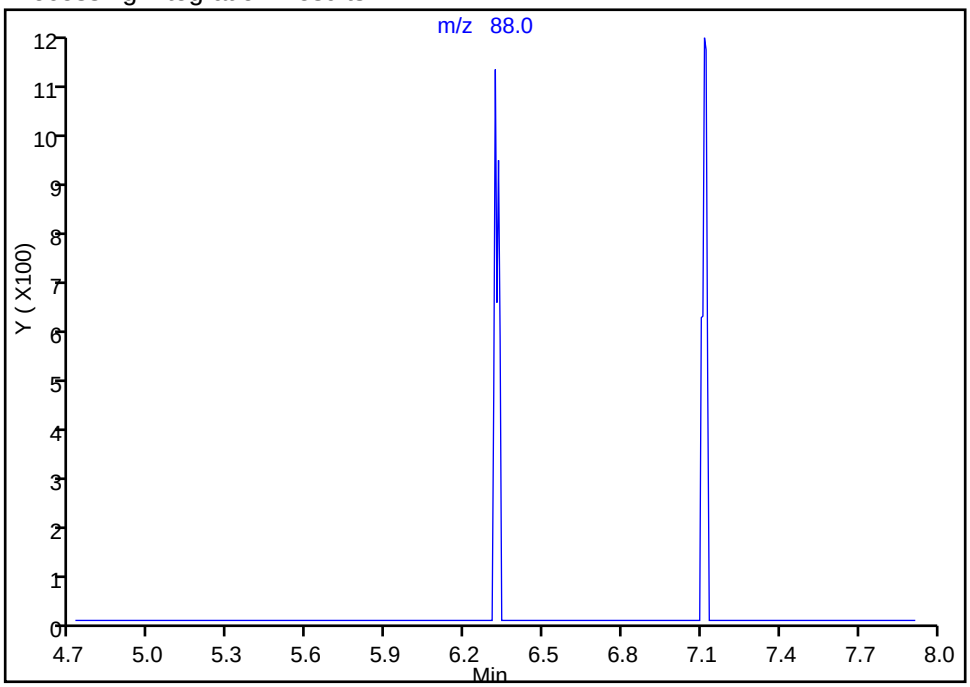
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Injection Date: 22-Dec-2015 21:24:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

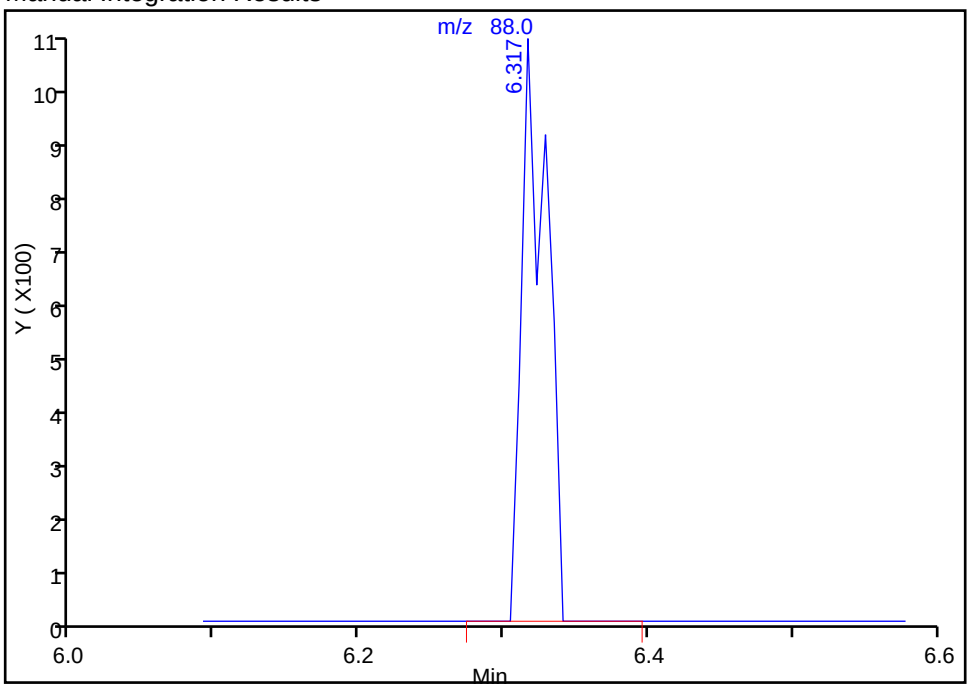
Not Detected
Expected RT: 6.32

Processing Integration Results



Manual Integration Results

RT: 6.32
Area: 1291
Amount: 35.179811
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:32:59
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

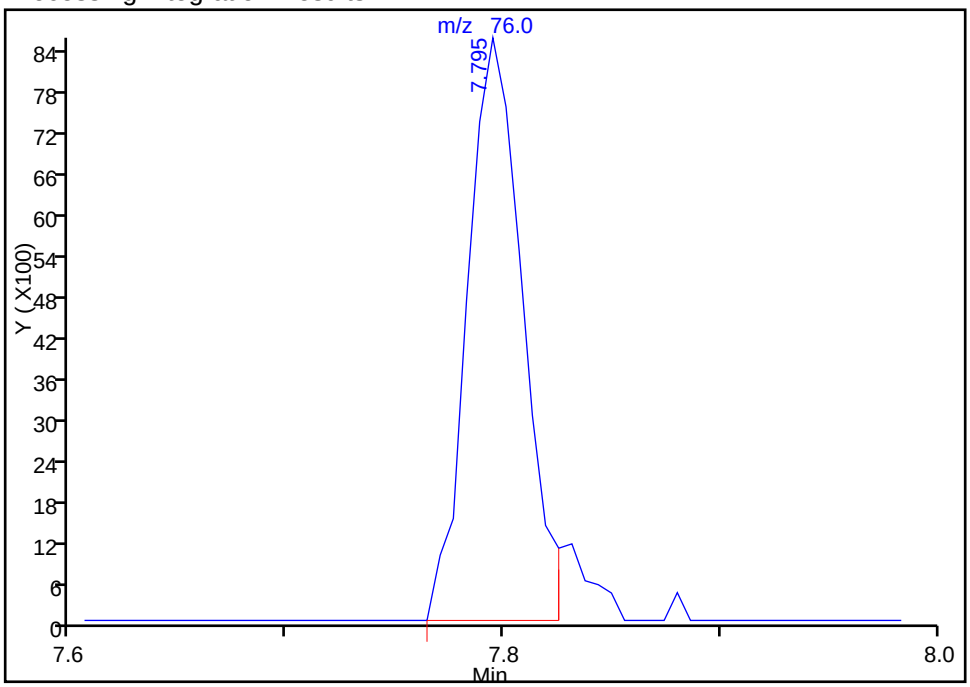
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5885.D
Injection Date: 22-Dec-2015 21:24:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: GTG ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

80 1,3-Dichloropropane, CAS: 142-28-9

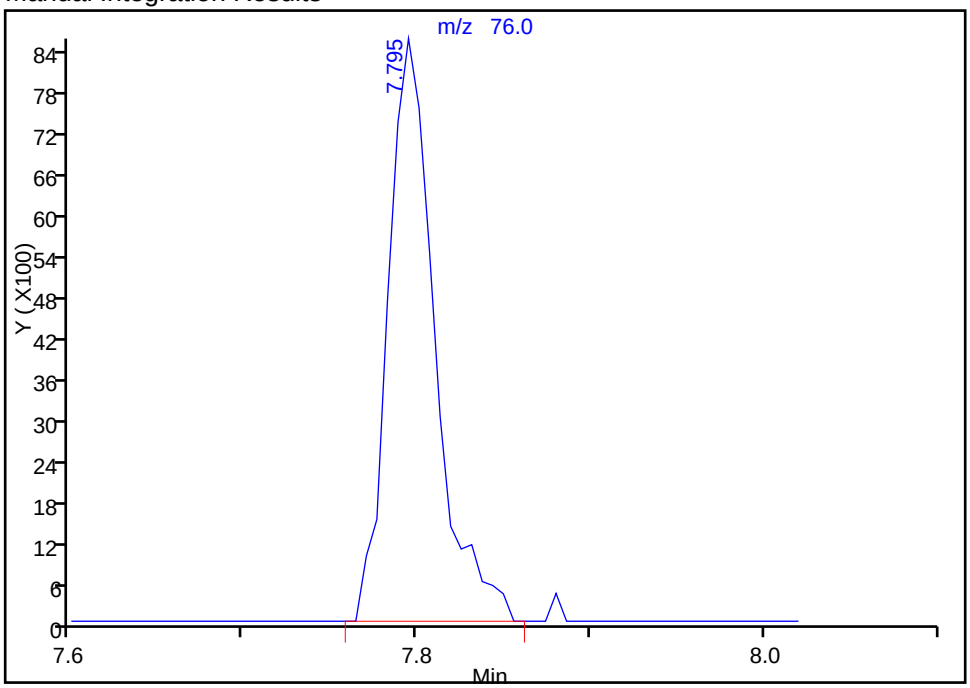
Processing Integration Results

RT: 7.79
Area: 15087
Amount: 1.763554
Amount Units: ug/L



Manual Integration Results

RT: 7.79
Area: 16048
Amount: 1.862017
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:32:59
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Dec-2015 21:51:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 3
Misc. Info.: 480-0049506-006
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:23 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 08:29:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	0.000	98	131729	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	445228	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	228197	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	95	149480	25.0	23.9	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.313	5.313	0.000	0	197733	25.0	25.0	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	578817	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	91	188823	25.0	24.8	
11 Dichlorodifluoromethane	85	1.377	1.377	0.000	99	33823	5.00	4.99	
13 Chloromethane	50	1.541	1.541	0.000	99	47748	5.00	4.91	
14 Vinyl chloride	62	1.650	1.650	0.000	98	33479	5.00	4.86	
144 Butadiene	54	1.681	1.681	0.000	99	36092	5.00	5.12	
15 Bromomethane	94	1.973	1.973	0.000	92	10742	5.00	4.17	
16 Chloroethane	64	2.082	2.082	0.000	98	15575	5.00	4.78	M
17 Dichlorofluoromethane	67	2.295	2.295	0.000	95	38129	5.00	4.40	
18 Trichlorofluoromethane	101	2.314	2.314	0.000	70	36908	5.00	4.99	
19 Ethyl ether	59	2.606	2.606	0.000	98	34407	5.00	4.79	
20 Acrolein	56	2.770	2.770	0.000	99	41022	25.0	22.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.843	2.843	0.000	55	27615	5.00	4.96	
22 1,1-Dichloroethene	96	2.831	2.831	0.000	93	32007	5.00	5.10	
23 Acetone	43	2.928	2.928	0.000	98	69891	25.0	22.2	
24 Iodomethane	142	2.983	2.983	0.000	100	47858	5.00	4.80	
25 Carbon disulfide	76	3.031	3.031	0.000	99	98455	5.00	4.96	
27 3-Chloro-1-propene	41	3.190	3.190	0.000	90	77534	5.00	4.87	
28 Methyl acetate	43	3.232	3.232	0.000	100	229744	25.0	26.1	
30 Methylene Chloride	84	3.329	3.329	0.000	94	33304	5.00	4.64	
31 2-Methyl-2-propanol	59	3.500	3.500	0.000	97	42113	50.0	52.0	M
32 Methyl tert-butyl ether	73	3.561	3.561	0.000	100	110472	5.00	4.76	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	96	33441	5.00	4.99	
34 Acrylonitrile	53	3.603	3.603	0.000	98	186818	50.0	48.2	
35 Hexane	57	3.786	3.786	0.000	97	64230	5.00	5.19	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	96	63643	5.00	4.92	
39 Vinyl acetate	43	4.035	4.035	0.000	97	183738	10.0	9.69	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	91	31992	5.00	4.98	
43 cis-1,2-Dichloroethene	96	4.540	4.540	0.000	84	36049	5.00	5.02	
44 2-Butanone (MEK)	43	4.564	4.564	0.000	98	125747	25.0	24.0	M
47 Chlorobromomethane	128	4.771	4.771	0.000	95	17559	5.00	4.59	
49 Tetrahydrofuran	42	4.808	4.808	0.000	89	38936	10.0	9.79	
50 Chloroform	83	4.850	4.850	0.000	94	55738	5.00	4.92	
51 1,1,1-Trichloroethane	97	4.978	4.978	0.000	98	43975	5.00	4.91	
52 Cyclohexane	56	5.002	5.002	0.000	57	67480	5.00	5.10	
53 Carbon tetrachloride	117	5.124	5.124	0.000	97	39781	5.00	4.99	
54 1,1-Dichloropropene	75	5.136	5.136	0.000	92	47301	5.00	5.20	
56 Isobutyl alcohol	43	5.319	5.319	0.000	46	66828	125.0	124.6	M
55 Benzene	78	5.331	5.331	0.000	97	129945	5.00	5.01	
57 1,2-Dichloroethane	62	5.386	5.386	0.000	96	49085	5.00	4.75	
59 n-Heptane	43	5.532	5.532	0.000	97	72226	5.00	4.97	
60 Trichloroethene	95	5.945	5.945	0.000	95	31883	5.00	4.93	
62 Methylcyclohexane	83	6.085	6.085	0.000	94	61309	5.00	4.98	
63 1,2-Dichloropropane	63	6.177	6.177	0.000	91	33490	5.00	5.03	
64 Dibromomethane	93	6.310	6.310	0.000	96	18397	5.00	4.79	
66 1,4-Dioxane	88	6.323	6.323	0.000	30	5498	100.0	92.1	M
67 Dichlorobromomethane	83	6.463	6.463	0.000	97	34221	5.00	4.47	
69 2-Chloroethyl vinyl ether	63	6.742	6.742	0.000	90	20263	5.00	4.98	
71 cis-1,3-Dichloropropene	75	6.882	6.882	0.000	89	46908	5.00	4.90	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	99	83808	25.0	25.4	
73 Toluene	92	7.180	7.180	0.000	99	82363	5.00	5.19	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	96	43230	5.00	5.27	M
77 Ethyl methacrylate	69	7.503	7.503	0.000	96	41678	5.00	5.17	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	94	22031	5.00	5.05	
79 Tetrachloroethene	166	7.722	7.722	0.000	96	35273	5.00	5.01	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	98	50192	5.00	5.43	
82 2-Hexanone	43	7.862	7.862	0.000	98	162782	25.0	26.0	
83 Chlorodibromomethane	129	8.032	8.032	0.000	91	25769	5.00	4.75	
84 Ethylene Dibromide	107	8.142	8.142	0.000	98	26575	5.00	5.08	
85 Chlorobenzene	112	8.628	8.628	0.000	96	87624	5.00	5.13	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	90	28855	5.00	4.77	
88 Ethylbenzene	91	8.726	8.726	0.000	99	146631	5.00	5.11	
90 m-Xylene & p-Xylene	106	8.847	8.847	0.000	0	58769	5.00	5.25	
91 o-Xylene	106	9.279	9.279	0.000	96	58559	5.00	5.11	
92 Styrene	104	9.297	9.297	0.000	95	88737	5.00	5.08	
93 Bromoform	173	9.535	9.535	0.000	96	14754	5.00	4.75	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	149282	5.00	5.21	
97 Bromobenzene	156	9.991	9.991	0.000	89	36540	5.00	5.09	
98 1,1,2,2-Tetrachloroethane	83	10.027	10.027	0.000	92	36312	5.00	4.88	
99 1,2,3-Trichloropropane	110	10.058	10.058	0.000	89	12775	5.00	5.62	
101 trans-1,4-Dichloro-2-buten	53	10.076	10.076	0.000	61	12169	5.00	4.81	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	170839	5.00	5.21	
102 2-Chlorotoluene	126	10.180	10.180	0.000	97	35677	5.00	5.20	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	96	121777	5.00	5.16	
105 4-Chlorotoluene	91	10.289	10.289	0.000	98	108708	5.00	4.72	
106 tert-Butylbenzene	134	10.569	10.569	0.000	93	29606	5.00	5.17	
108 1,2,4-Trimethylbenzene	105	10.624	10.624	0.000	97	122253	5.00	5.21	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	157194	5.00	5.19	
110 1,3-Dichlorobenzene	146	10.910	10.910	0.000	99	68666	5.00	5.05	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	135600	5.00	5.17	
113 1,4-Dichlorobenzene	146	10.995	10.995	0.000	96	72309	5.00	5.16	
115 n-Butylbenzene	91	11.299	11.299	0.000	96	111988	5.00	5.05	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	98	66781	5.00	5.06	M
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	80	6199	5.00	4.67	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	94	43737	5.00	5.21	M
120 Hexachlorobutadiene	225	12.862	12.862	0.000	94	24665	5.00	5.38	
121 Naphthalene	128	12.954	12.954	0.000	97	118015	5.00	5.16	
122 1,2,3-Trichlorobenzene	180	13.161	13.161	0.000	93	38436	5.00	5.00	
S 123 1,3-Dichloropropene, Total	1				0			10.2	
S 124 1,2-Dichloroethene, Total	1				0			10.0	
S 125 Total BTEX	1				0			25.7	
S 126 Xylenes, Total	1				0			10.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	5.00	Units: uL	
GAS CORP mix_00127	Amount Added:	5.00	Units: uL	
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent

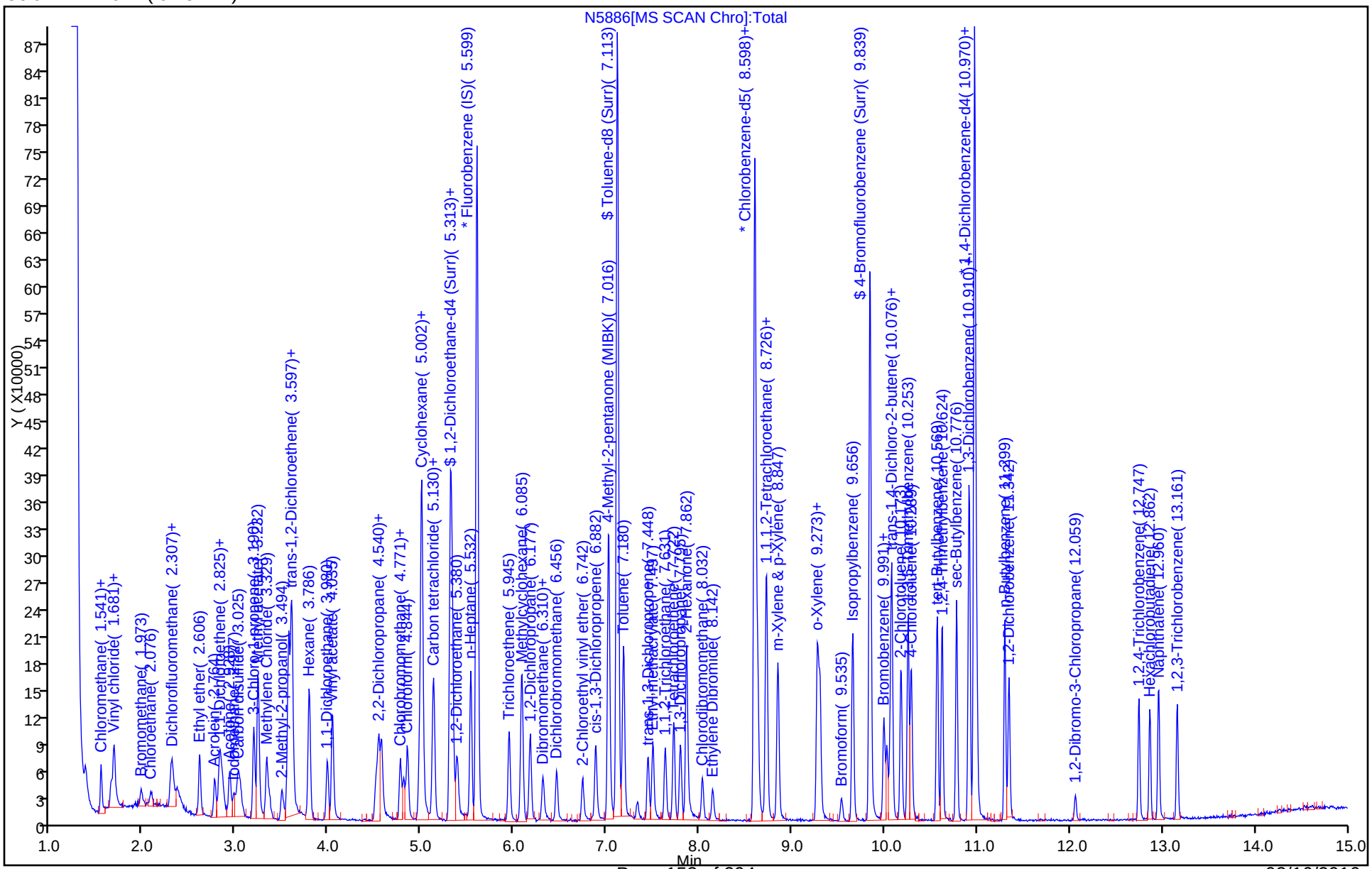
Report Date: 23-Dec-2015 17:09:24 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D

Injection Date:	22-Dec-2015 21:51:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	IC 3			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

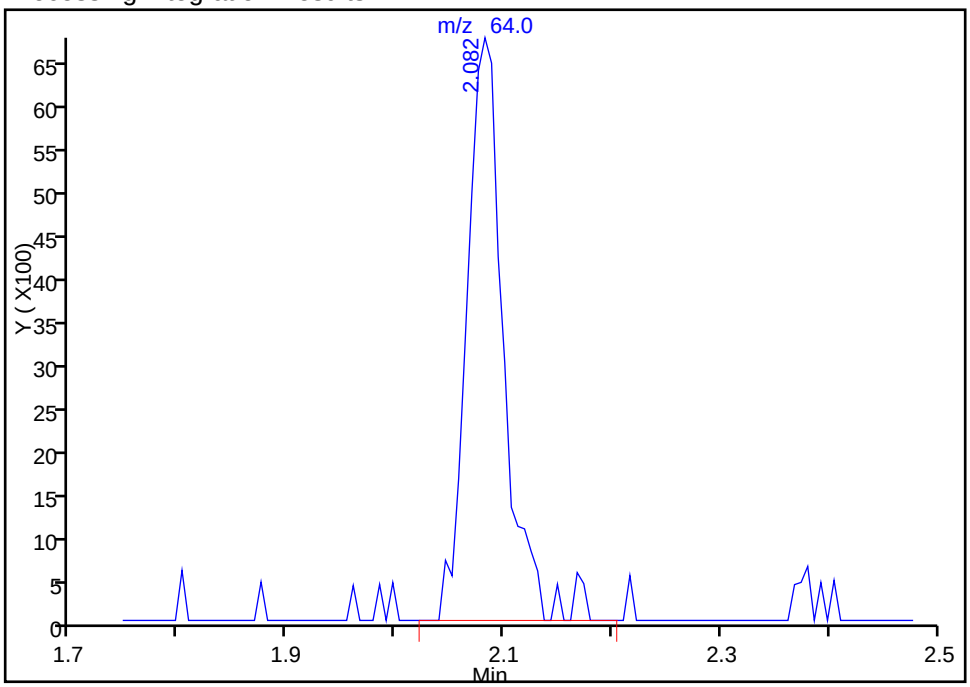
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

16 Chloroethane, CAS: 75-00-3

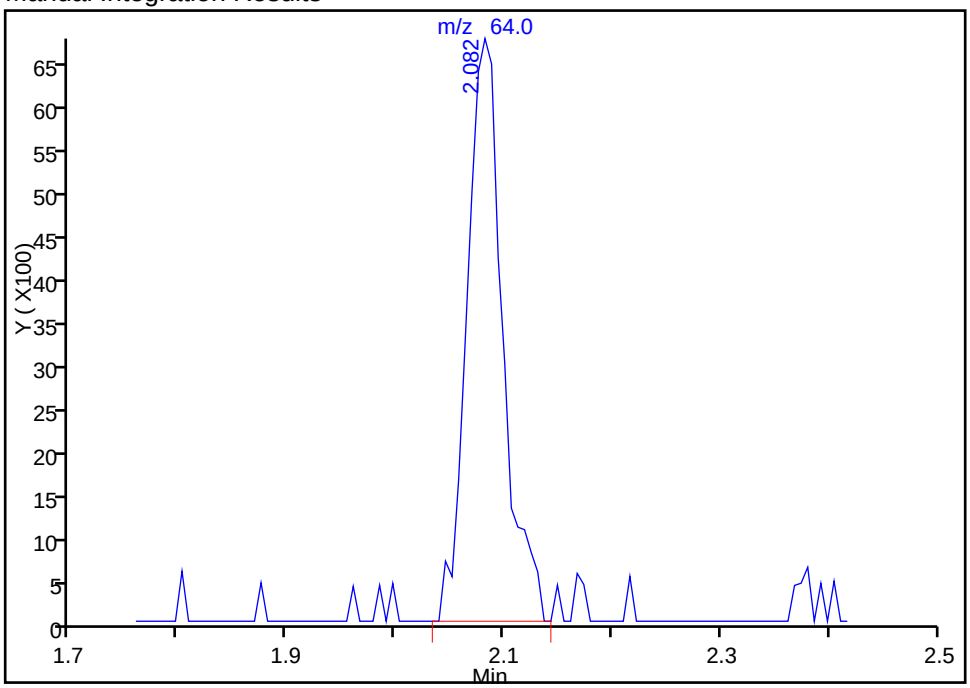
Processing Integration Results

RT: 2.08
Area: 16087
Amount: 5.067836
Amount Units: ug/L



Manual Integration Results

RT: 2.08
Area: 15575
Amount: 4.782348
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

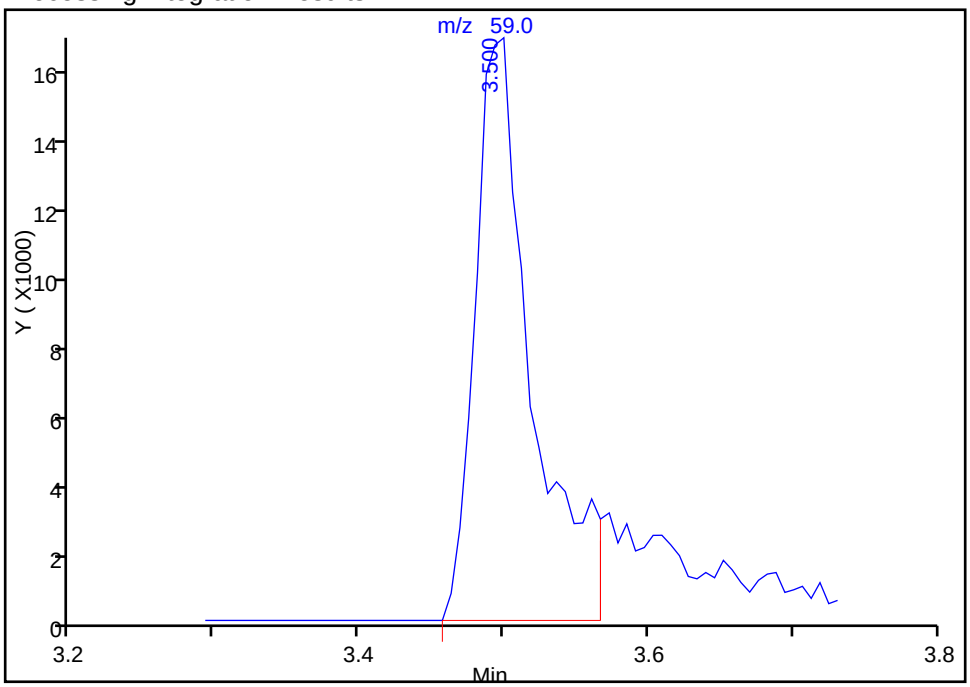
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

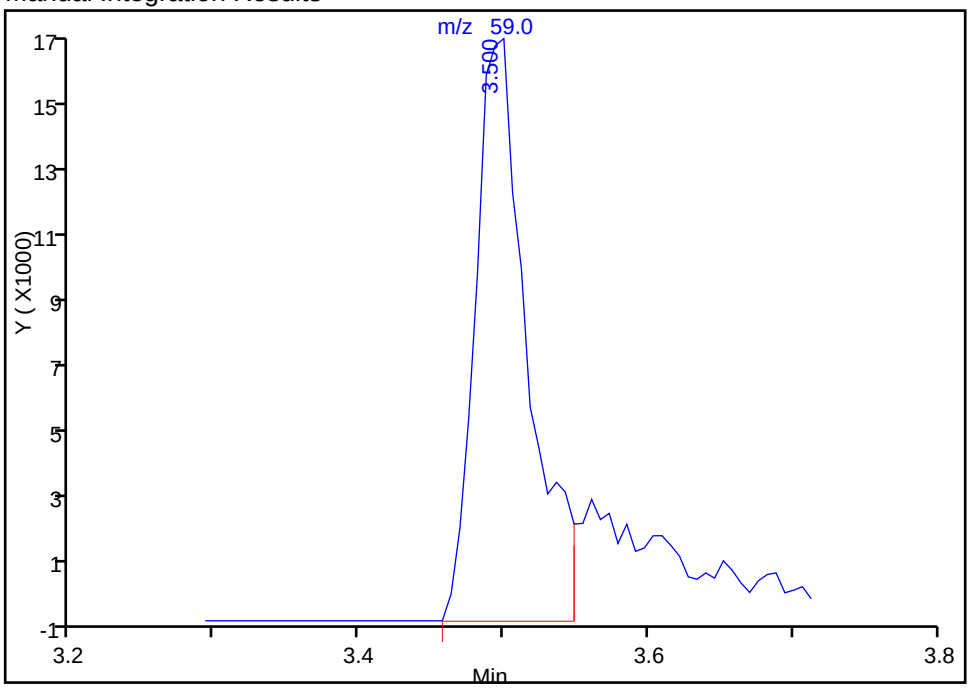
Processing Integration Results

RT: 3.50
Area: 45375
Amount: 43.744998
Amount Units: ug/L



Manual Integration Results

RT: 3.50
Area: 42113
Amount: 52.015463
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

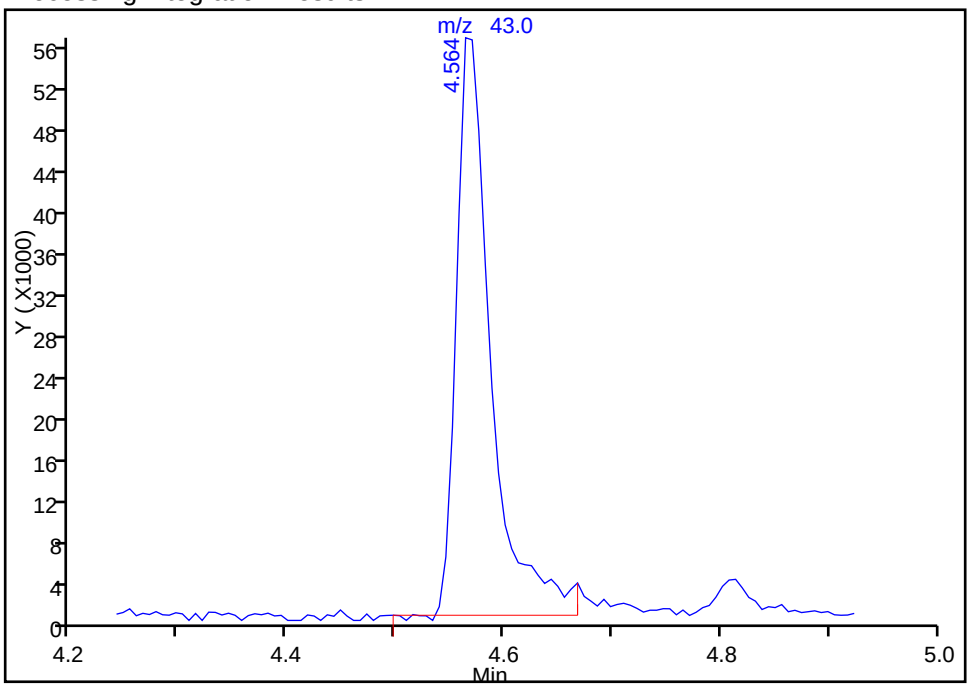
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3

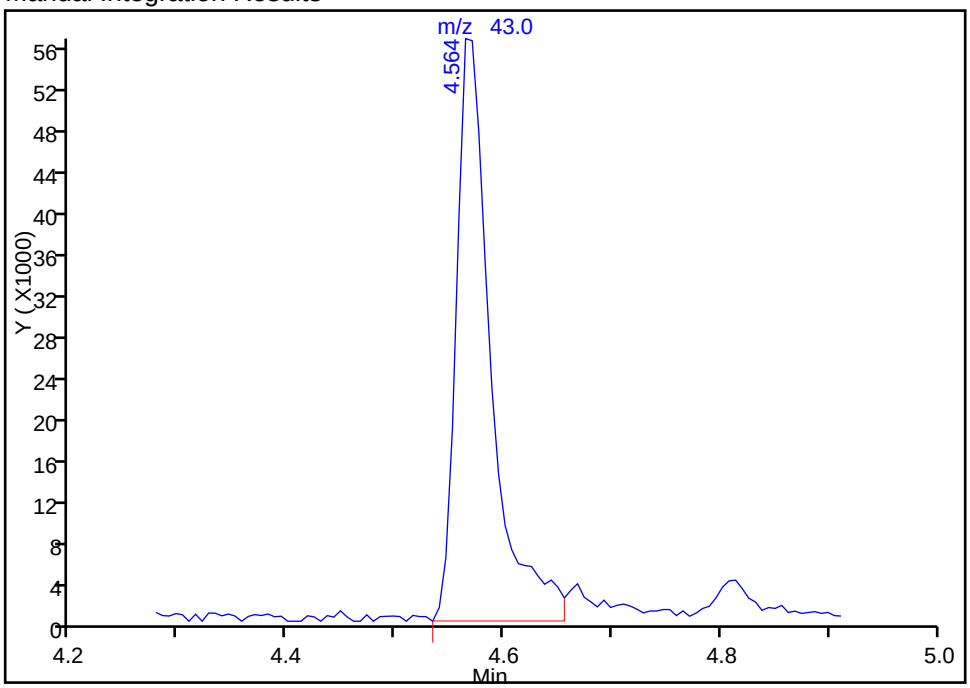
Processing Integration Results

RT: 4.56
Area: 123956
Amount: 23.625348
Amount Units: ug/L



Manual Integration Results

RT: 4.56
Area: 125747
Amount: 24.049385
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

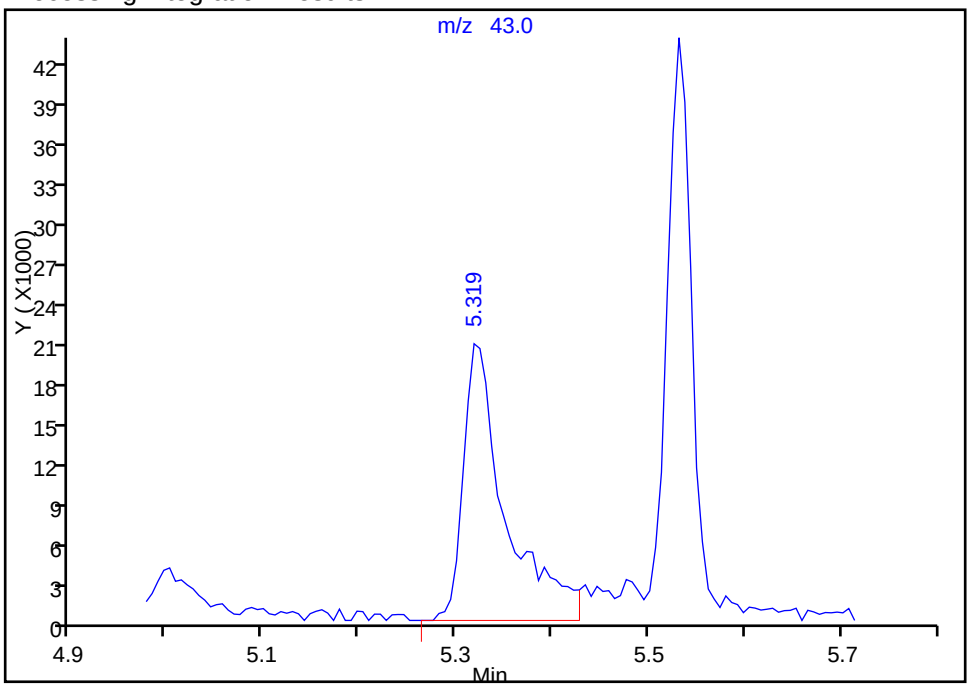
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

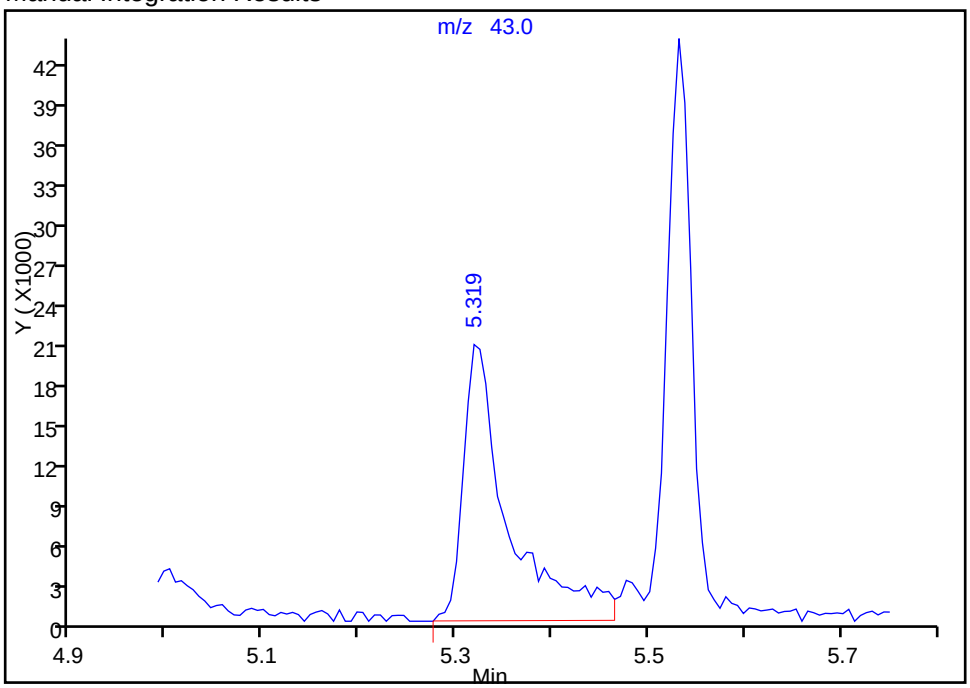
Processing Integration Results

RT: 5.32
Area: 62614
Amount: 120.4410
Amount Units: ug/L



Manual Integration Results

RT: 5.32
Area: 66828
Amount: 124.6351
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

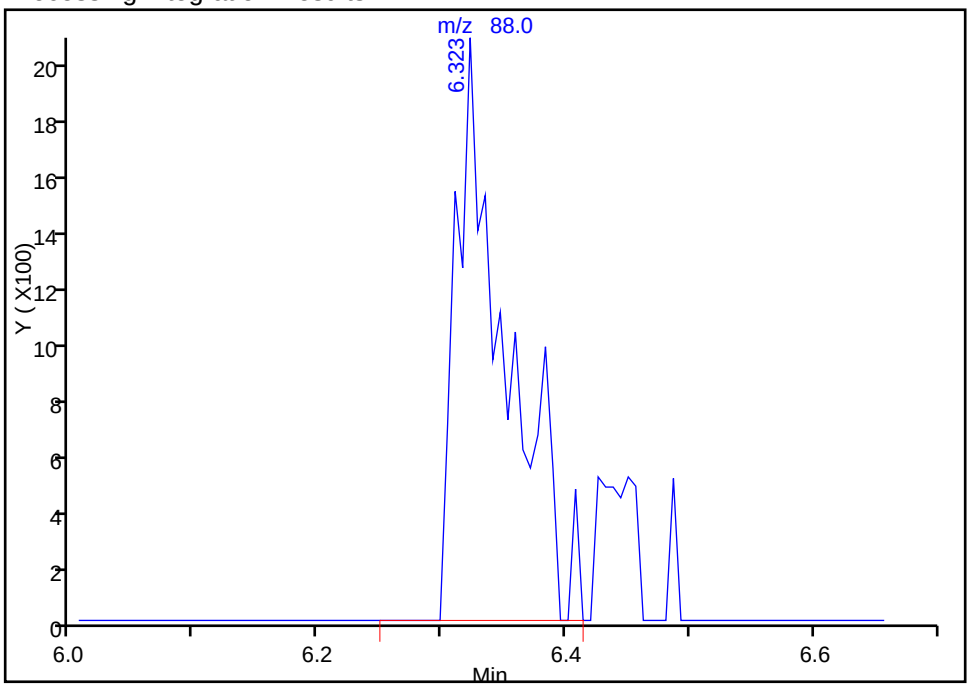
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

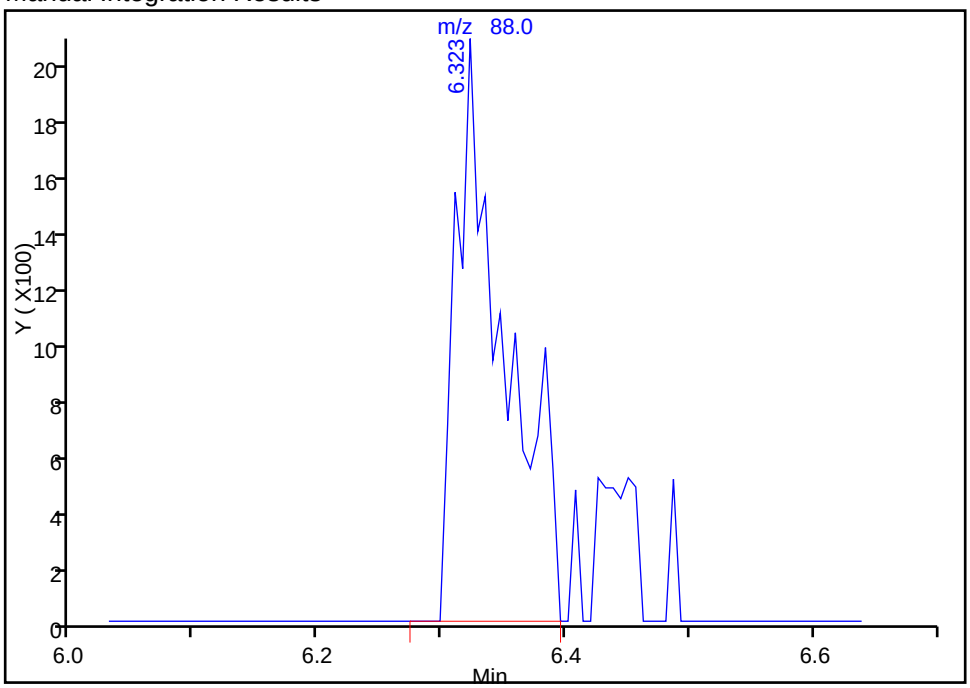
Processing Integration Results

RT: 6.32
Area: 5664
Amount: 80.853214
Amount Units: ug/L



Manual Integration Results

RT: 6.32
Area: 5498
Amount: 92.101071
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

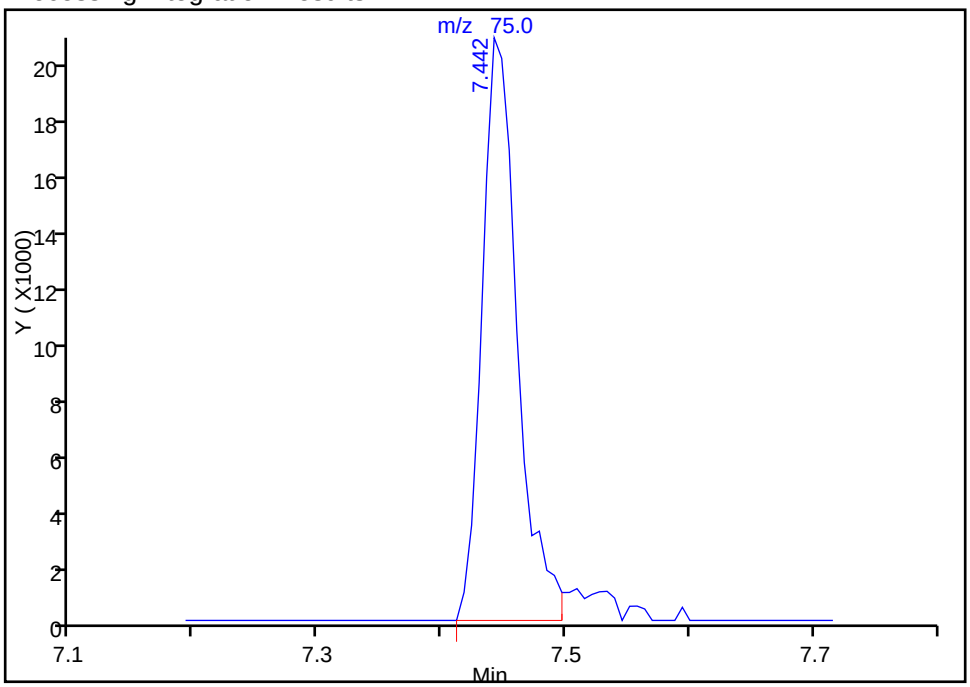
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

75 trans-1,3-Dichloropropene, CAS: 10061-02-6

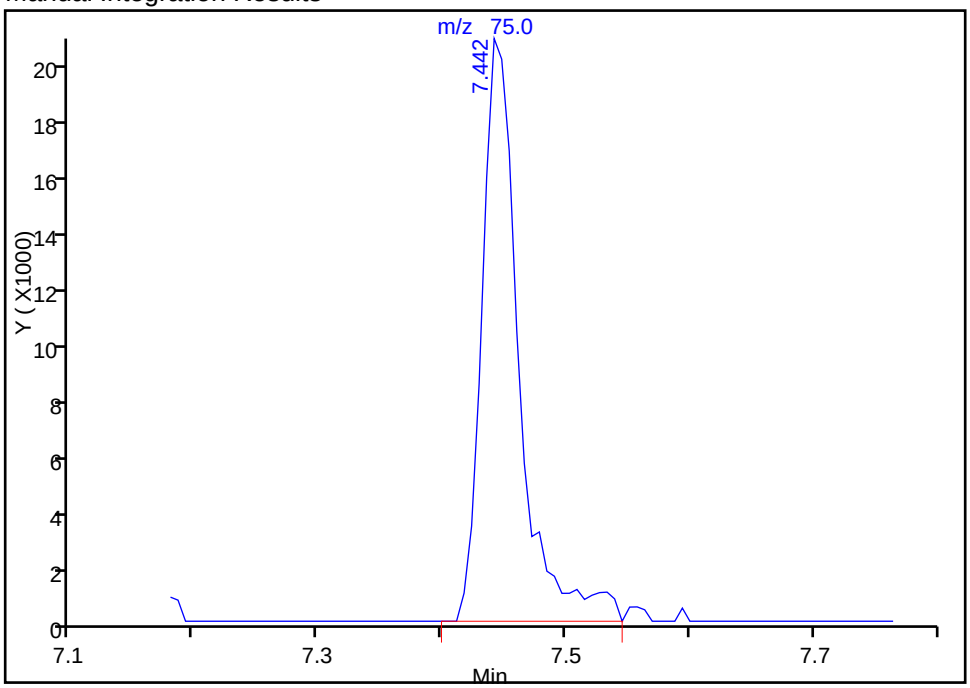
Processing Integration Results

RT: 7.44
Area: 40805
Amount: 5.022985
Amount Units: ug/L



Manual Integration Results

RT: 7.44
Area: 43230
Amount: 5.265269
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

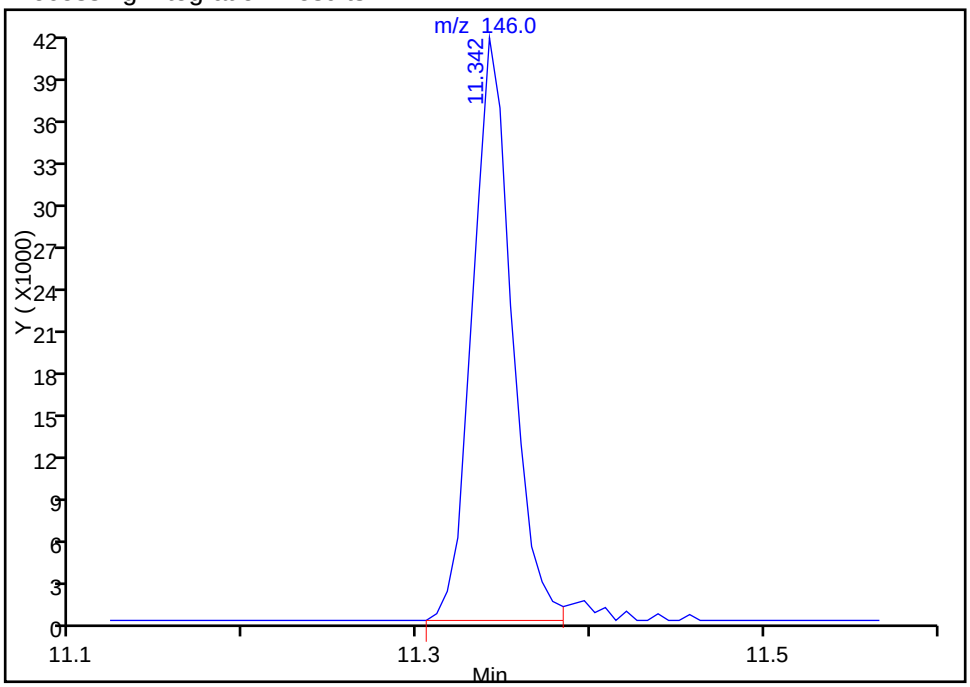
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

116 1,2-Dichlorobenzene, CAS: 95-50-1

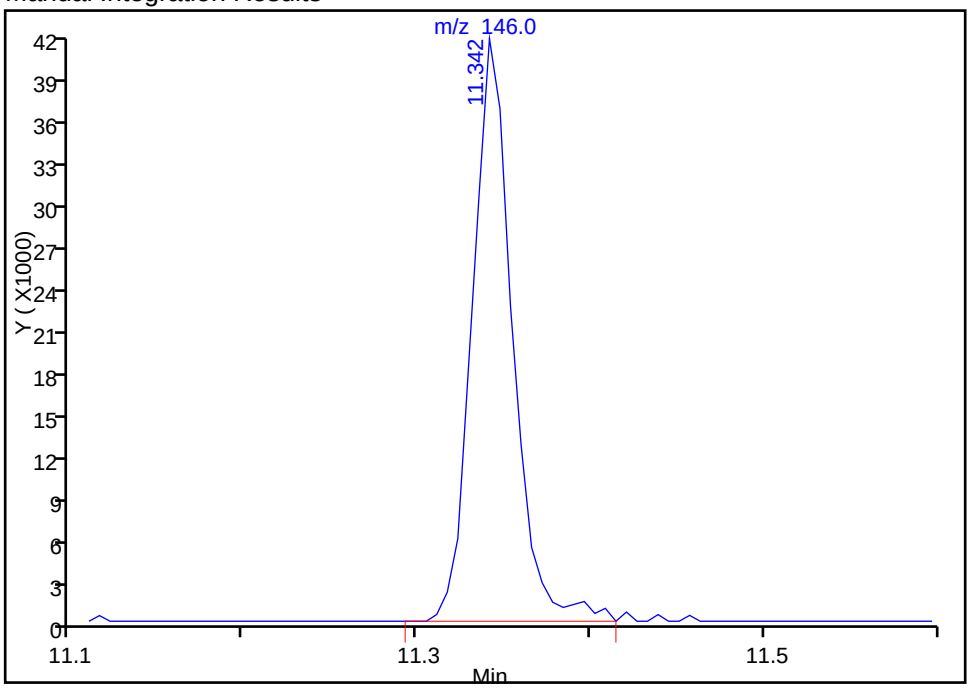
Processing Integration Results

RT: 11.34
Area: 65302
Amount: 4.966080
Amount Units: ug/L



Manual Integration Results

RT: 11.34
Area: 66781
Amount: 5.064315
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

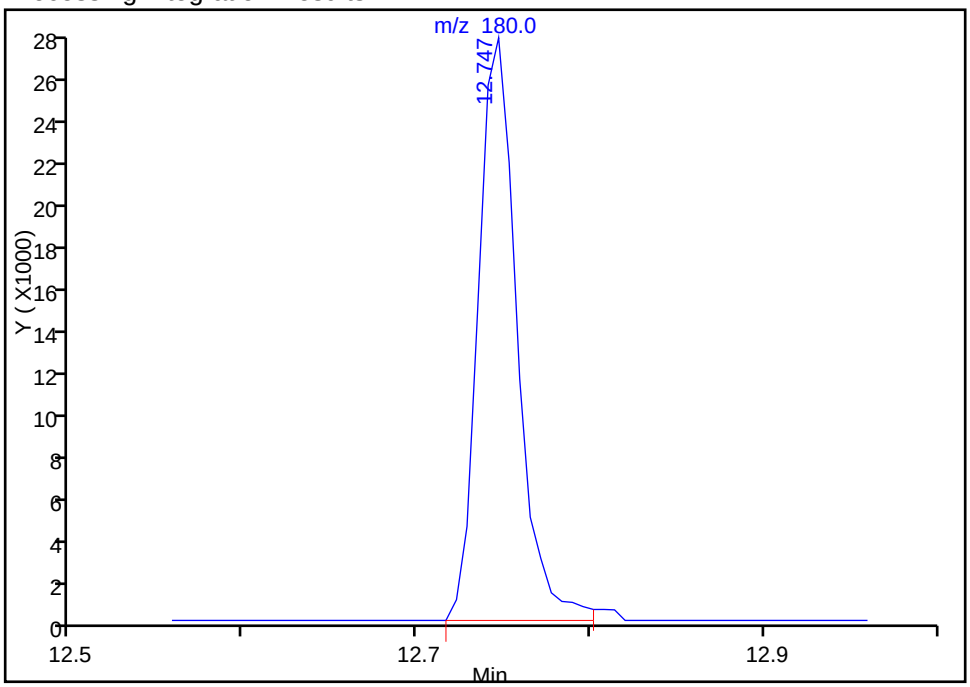
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5886.D
Injection Date: 22-Dec-2015 21:51:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: GTG ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

119 1,2,4-Trichlorobenzene, CAS: 120-82-1

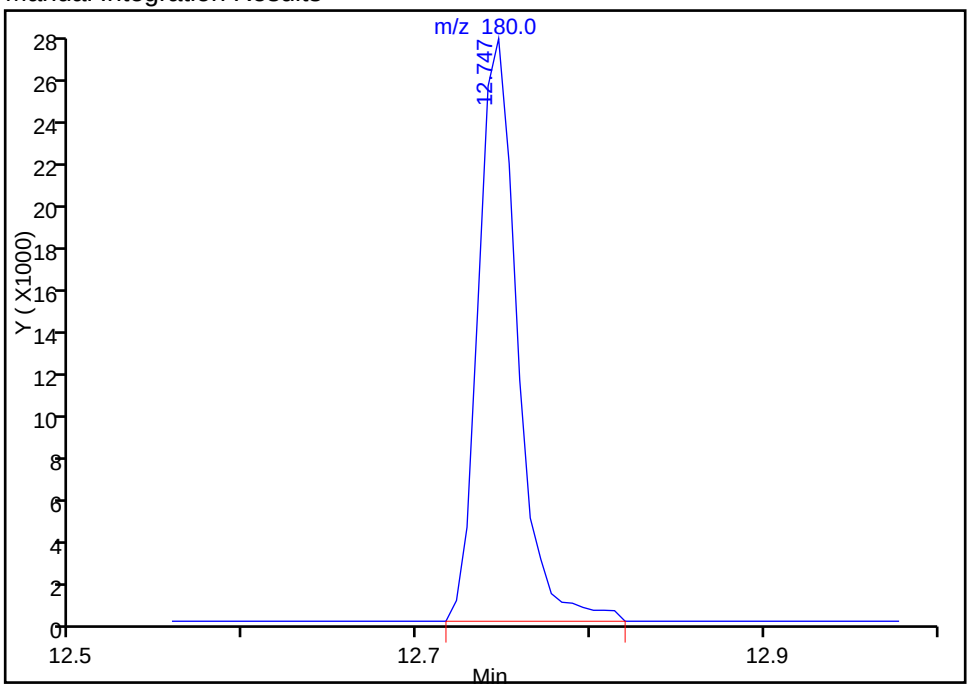
Processing Integration Results

RT: 12.75
Area: 43365
Amount: 5.172534
Amount Units: ug/L



Manual Integration Results

RT: 12.75
Area: 43737
Amount: 5.211125
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:29:47
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5887.D
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Dec-2015 22:18:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 4
Misc. Info.: 480-0049506-007
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:26 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 08:26:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	0.000	98	129415	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	439240	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	226094	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	93	151441	25.0	24.6	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.313	5.313	0.000	0	190704	25.0	24.6	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	564213	25.0	24.8	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.839	0.006	92	189218	25.0	25.2	
11 Dichlorodifluoromethane	85	1.370	1.377	-0.007	99	66724	10.0	10.0	
13 Chloromethane	50	1.541	1.541	0.000	99	91295	10.0	9.56	
14 Vinyl chloride	62	1.650	1.650	0.000	97	65832	10.0	9.72	
144 Butadiene	54	1.675	1.681	-0.006	100	69631	10.0	10.0	
15 Bromomethane	94	1.973	1.973	0.000	91	24954	10.0	9.86	
16 Chloroethane	64	2.076	2.082	-0.006	96	30956	10.0	9.68	
17 Dichlorofluoromethane	67	2.301	2.295	0.006	97	72769	10.0	8.55	
18 Trichlorofluoromethane	101	2.313	2.314	-0.001	98	75518	10.0	10.4	
19 Ethyl ether	59	2.599	2.606	-0.007	97	70846	10.0	10.0	
20 Acrolein	56	2.764	2.770	-0.006	99	88135	50.0	48.9	M
21 1,1,2-Trichloro-1,2,2-trif	101	2.837	2.843	-0.006	58	55181	10.0	10.1	
22 1,1-Dichloroethene	96	2.818	2.831	-0.013	94	60502	10.0	9.81	
23 Acetone	43	2.928	2.928	0.000	98	142989	50.0	46.3	
24 Iodomethane	142	2.977	2.983	-0.007	98	98137	10.0	10.0	
25 Carbon disulfide	76	3.025	3.031	-0.006	100	187835	10.0	9.63	
27 3-Chloro-1-propene	41	3.189	3.190	-0.001	88	145999	10.0	9.33	
28 Methyl acetate	43	3.232	3.232	0.000	100	438383	50.0	50.6	
30 Methylene Chloride	84	3.323	3.329	-0.006	96	67373	10.0	9.55	M
31 2-Methyl-2-propanol	59	3.494	3.500	-0.006	97	80570	100.0	101.3	M
32 Methyl tert-butyl ether	73	3.554	3.561	-0.007	98	230161	10.0	10.1	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	96	66637	10.0	10.1	
34 Acrylonitrile	53	3.597	3.603	-0.006	97	367736	100.0	96.6	
35 Hexane	57	3.786	3.786	0.000	97	118845	10.0	9.77	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	97	129314	10.0	10.2	
39 Vinyl acetate	43	4.035	4.035	0.000	97	367304	20.0	19.7	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	91	64882	10.0	10.3	
43 cis-1,2-Dichloroethene	96	4.540	4.540	0.000	85	70935	10.0	10.1	
44 2-Butanone (MEK)	43	4.564	4.564	0.000	98	231299	50.0	45.0	
47 Chlorobromomethane	128	4.777	4.771	0.006	94	37715	10.0	10.0	
49 Tetrahydrofuran	42	4.808	4.808	0.000	90	74037	20.0	19.0	
50 Chloroform	83	4.844	4.850	-0.006	96	110759	10.0	9.96	
51 1,1,1-Trichloroethane	97	4.978	4.978	0.000	95	84457	10.0	9.61	
52 Cyclohexane	56	4.996	5.002	-0.006	74	127115	10.0	9.77	
53 Carbon tetrachloride	117	5.124	5.124	0.000	97	77514	10.0	9.89	
54 1,1-Dichloropropene	75	5.130	5.136	-0.006	91	90130	10.0	10.1	
56 Isobutyl alcohol	43	5.319	5.319	0.000	87	130049	250.0	246.9	
55 Benzene	78	5.331	5.331	0.000	98	253191	10.0	9.95	
57 1,2-Dichloroethane	62	5.380	5.386	-0.006	97	99457	10.0	9.80	
59 n-Heptane	43	5.532	5.532	0.000	98	132289	10.0	9.27	
60 Trichloroethene	95	5.945	5.945	0.000	94	61208	10.0	9.63	
62 Methylcyclohexane	83	6.085	6.085	0.000	96	119671	10.0	9.89	
63 1,2-Dichloropropane	63	6.176	6.177	-0.001	90	63598	10.0	9.73	
64 Dibromomethane	93	6.310	6.310	0.000	91	38949	10.0	10.3	
66 1,4-Dioxane	88	6.329	6.323	0.006	88	15286	200.0	230.4	
67 Dichlorobromomethane	83	6.462	6.463	0.000	96	72319	10.0	9.61	
69 2-Chloroethyl vinyl ether	63	6.736	6.742	-0.006	91	42003	10.0	10.5	
71 cis-1,3-Dichloropropene	75	6.882	6.882	0.000	91	98205	10.0	10.4	
72 4-Methyl-2-pentanone (MIBK	58	7.022	7.016	0.006	99	164266	50.0	50.5	
73 Toluene	92	7.180	7.180	0.000	98	154271	10.0	9.86	
75 trans-1,3-Dichloropropene	75	7.448	7.442	0.006	98	82818	10.0	10.2	
77 Ethyl methacrylate	69	7.497	7.503	-0.006	95	80963	10.0	10.2	
78 1,1,2-Trichloroethane	83	7.630	7.631	-0.001	94	42266	10.0	9.82	
79 Tetrachloroethene	166	7.722	7.722	0.000	97	68913	10.0	9.93	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	98	92472	10.0	10.1	
82 2-Hexanone	43	7.862	7.862	0.000	98	309093	50.0	50.0	
83 Chlorodibromomethane	129	8.032	8.032	0.000	90	54216	10.0	10.1	
84 Ethylene Dibromide	107	8.141	8.142	-0.001	98	52420	10.0	10.2	
85 Chlorobenzene	112	8.628	8.628	0.000	95	165990	10.0	9.85	
89 1,1,1,2-Tetrachloroethane	131	8.725	8.720	0.005	91	60236	10.0	10.1	
88 Ethylbenzene	91	8.725	8.726	-0.001	99	275532	10.0	9.74	
90 m-Xylene & p-Xylene	106	8.847	8.847	0.000	0	109611	10.0	9.93	
91 o-Xylene	106	9.273	9.279	-0.006	96	113879	10.0	10.1	
92 Styrene	104	9.303	9.297	0.006	96	173667	10.0	10.1	
93 Bromoform	173	9.535	9.535	0.000	97	29983	10.0	9.77	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	285600	10.0	10.1	
97 Bromobenzene	156	9.997	9.991	0.006	92	73117	10.0	10.3	
98 1,1,2,2-Tetrachloroethane	83	10.027	10.027	0.000	95	71035	10.0	9.64	
99 1,2,3-Trichloropropane	110	10.064	10.058	0.006	90	23998	10.0	10.7	
101 trans-1,4-Dichloro-2-buten	53	10.076	10.076	0.000	63	22785	10.0	9.09	
100 N-Propylbenzene	91	10.076	10.076	0.000	99	321380	10.0	9.90	
102 2-Chlorotoluene	126	10.179	10.180	-0.001	97	68604	10.0	10.1	
104 1,3,5-Trimethylbenzene	105	10.252	10.253	-0.001	95	235078	10.0	10.0	
105 4-Chlorotoluene	91	10.283	10.289	-0.006	98	222716	10.0	9.77	
106 tert-Butylbenzene	134	10.569	10.569	0.000	93	57919	10.0	10.2	
108 1,2,4-Trimethylbenzene	105	10.617	10.624	-0.007	97	239536	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	301546	10.0	10.0	
110 1,3-Dichlorobenzene	146	10.910	10.910	0.000	98	135049	10.0	10.0	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	262795	10.0	10.1	
113 1,4-Dichlorobenzene	146	10.995	10.995	0.000	94	136764	10.0	9.84	
115 n-Butylbenzene	91	11.299	11.299	0.000	97	222460	10.0	10.1	
116 1,2-Dichlorobenzene	146	11.341	11.342	-0.001	98	133418	10.0	10.2	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	80	13500	10.0	10.3	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	94	86758	10.0	10.4	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	96	45129	10.0	9.94	
121 Naphthalene	128	12.960	12.954	0.006	97	238682	10.0	10.5	
122 1,2,3-Trichlorobenzene	180	13.160	13.161	-0.001	97	81744	10.0	10.7	
S 123 1,3-Dichloropropene, Total	1				0			20.7	
S 124 1,2-Dichloroethene, Total	1				0			20.2	
S 125 Total BTEX	1				0			49.5	
S 126 Xylenes, Total	1				0			20.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	5.00	Units: uL	
GAS CORP mix_00127	Amount Added:	5.00	Units: uL	
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent

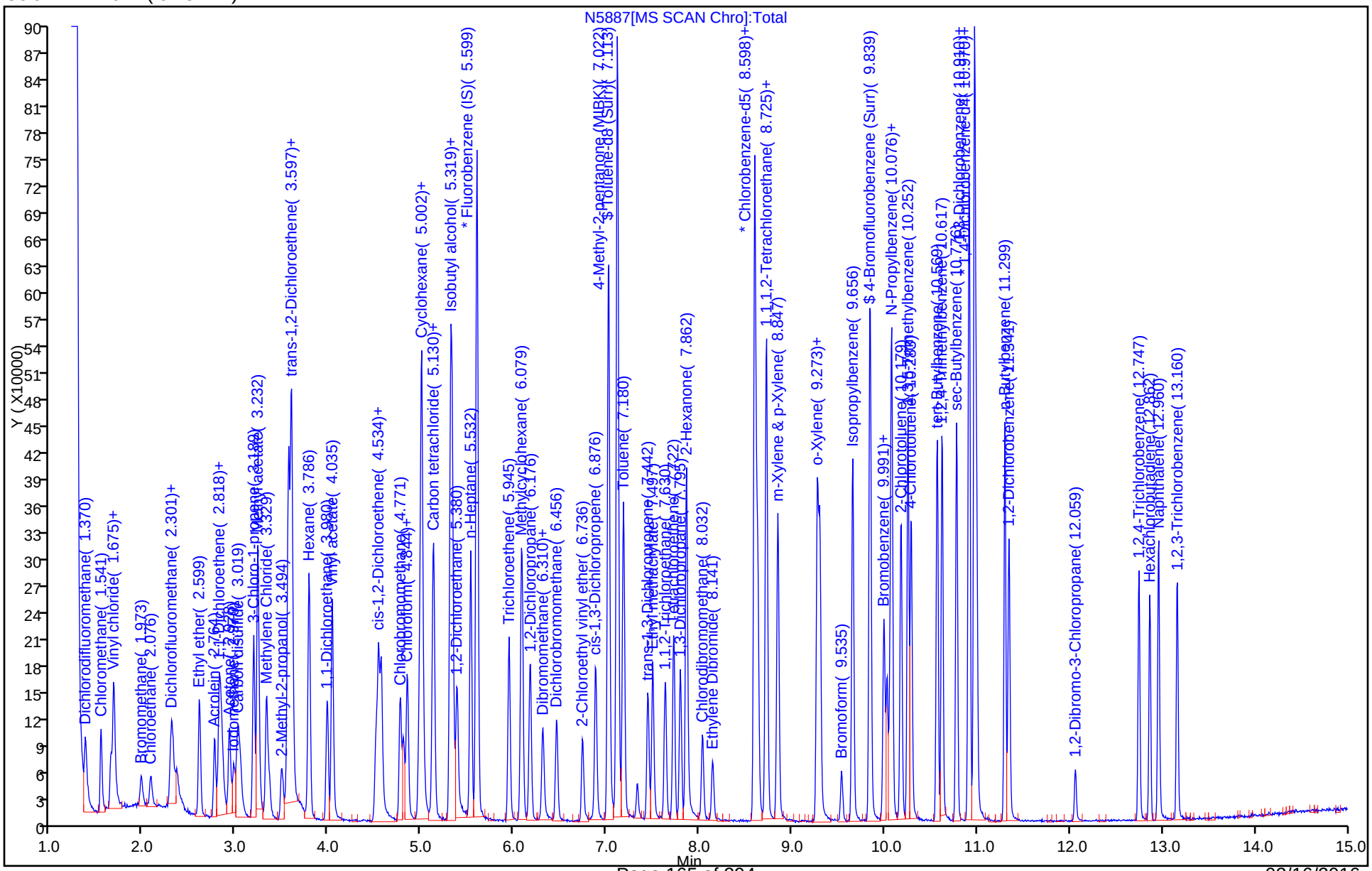
Report Date: 23-Dec-2015 17:09:27 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5887.D

Injection Date:	22-Dec-2015 22:18:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	IC 4			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

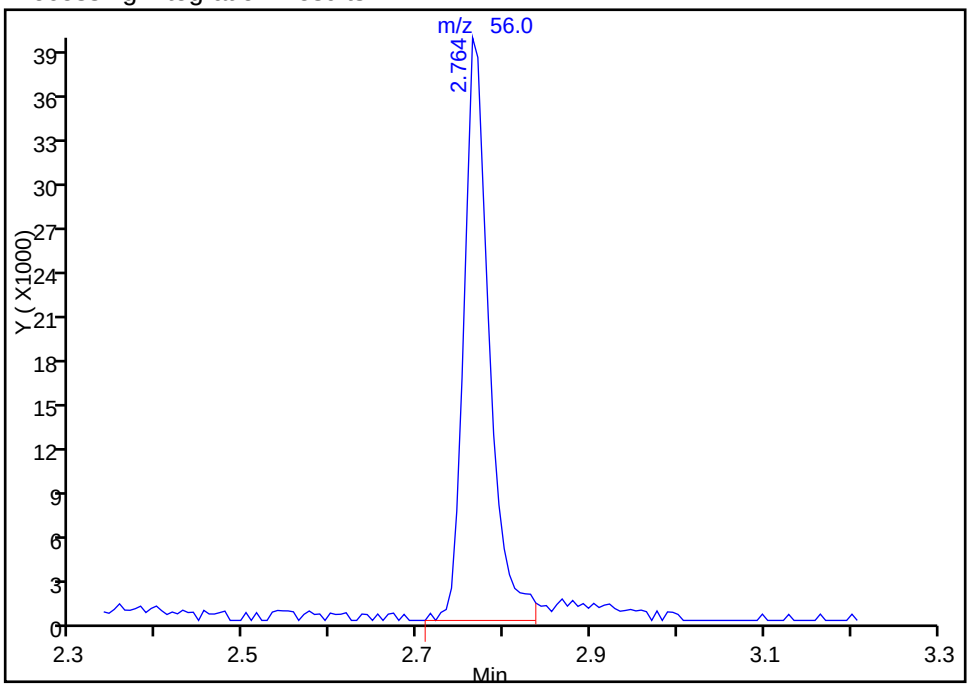
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5887.D
Injection Date: 22-Dec-2015 22:18:30 Instrument ID: HP5973N
Lims ID: IC 4
Client ID:
Operator ID: GTG ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

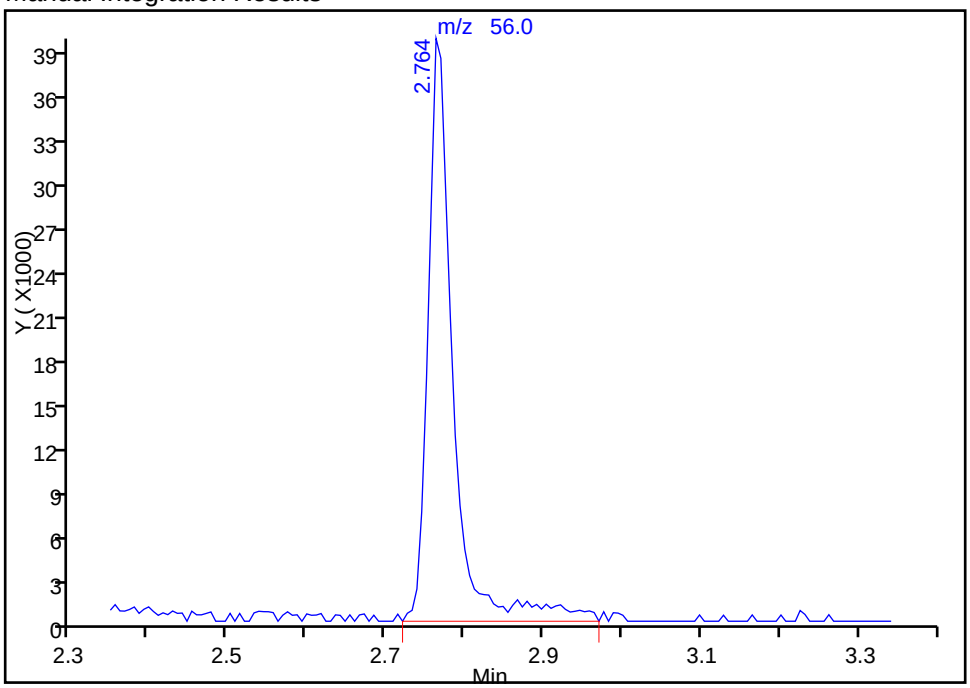
Processing Integration Results

RT: 2.76
Area: 81207
Amount: 47.422508
Amount Units: ug/L



Manual Integration Results

RT: 2.76
Area: 88135
Amount: 48.931363
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:26:33
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

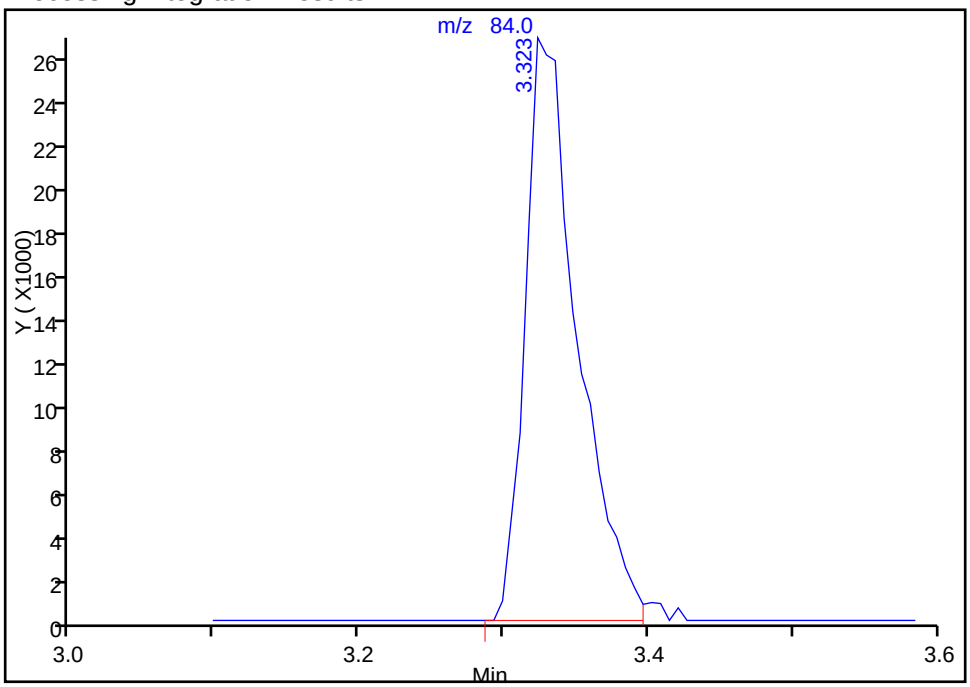
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5887.D
Injection Date: 22-Dec-2015 22:18:30 Instrument ID: HP5973N
Lims ID: IC 4
Client ID:
Operator ID: GTG ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

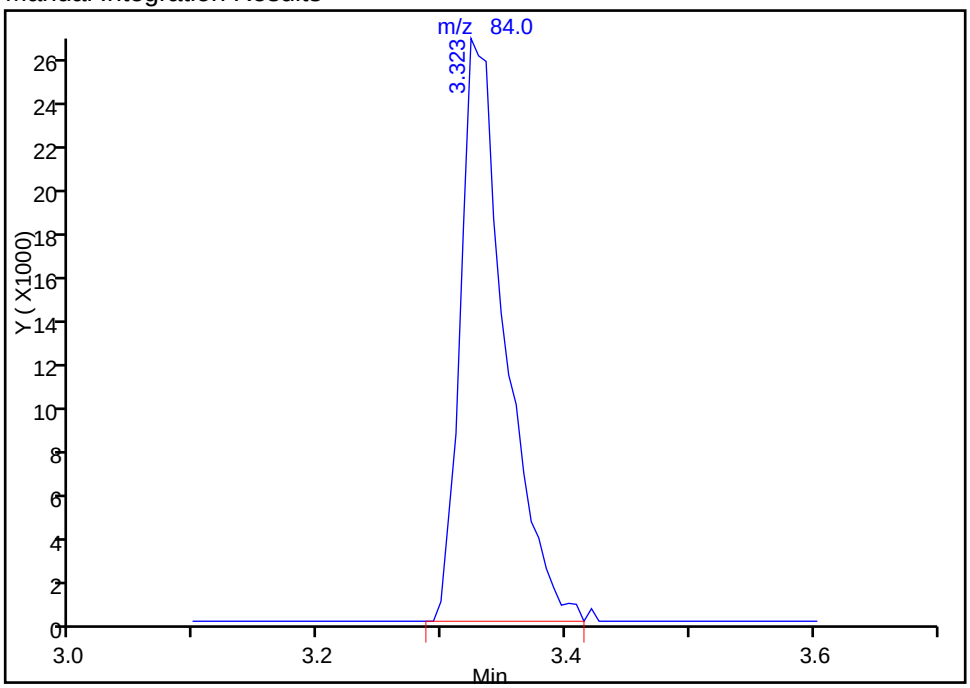
Processing Integration Results

RT: 3.32
Area: 66796
Amount: 10.497953
Amount Units: ug/L



Manual Integration Results

RT: 3.32
Area: 67373
Amount: 9.554099
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:30:49
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

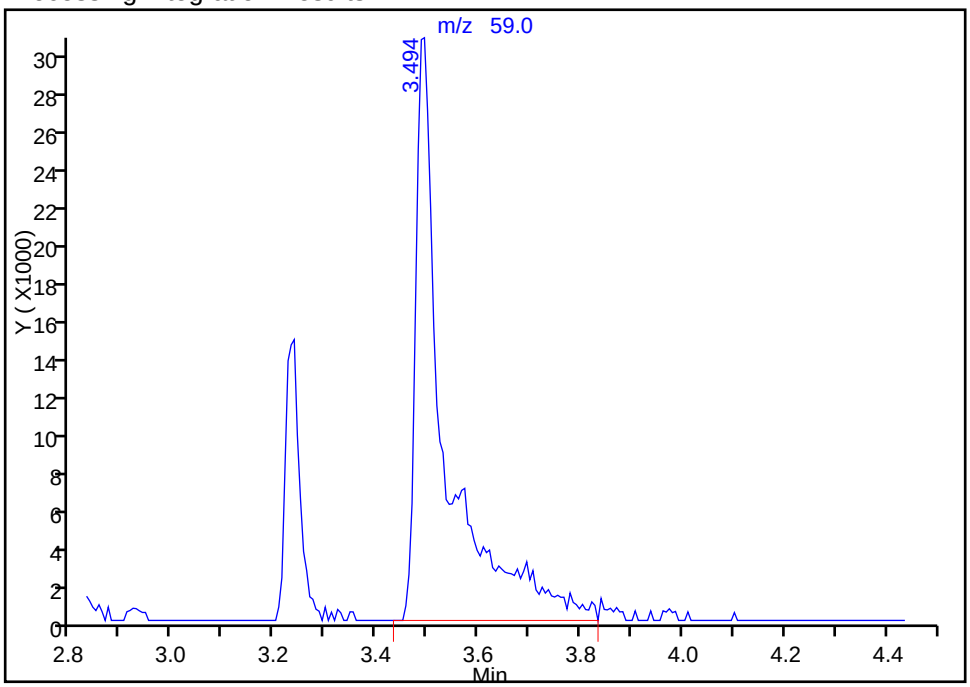
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5887.D
Injection Date: 22-Dec-2015 22:18:30 Instrument ID: HP5973N
Lims ID: IC 4
Client ID:
Operator ID: GTG ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

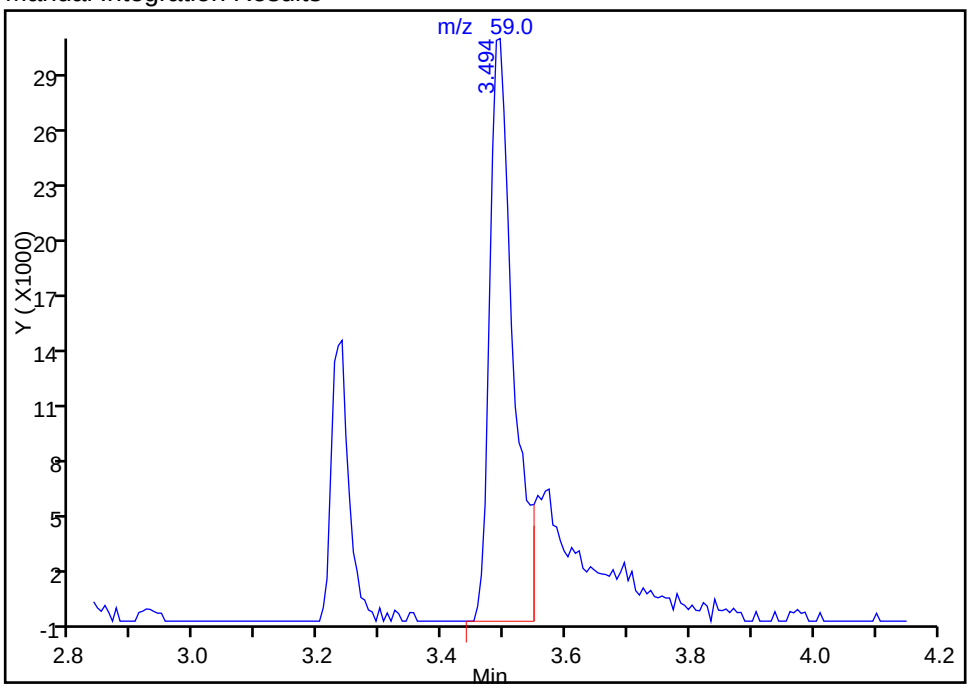
Processing Integration Results

RT: 3.49
Area: 123008
Amount: 129.8628
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 80570
Amount: 101.2946
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 09:00:05
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5888.D
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 22-Dec-2015 22:45:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: icis 5
Misc. Info.: 480-0049506-008
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:29 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 09:36:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	0.000	98	126461	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	440729	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	226287	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	72	154290	25.0	25.7	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.313	5.313	0.000	0	188913	25.0	24.9	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	575523	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	92	190905	25.0	25.4	
11 Dichlorodifluoromethane	85	1.371	1.371	0.000	99	169250	25.0	26.0	
13 Chloromethane	50	1.541	1.541	0.000	99	219921	25.0	23.6	
14 Vinyl chloride	62	1.650	1.650	0.000	98	162299	25.0	24.5	
144 Butadiene	54	1.681	1.681	0.000	99	161631	25.0	23.9	
15 Bromomethane	94	1.973	1.973	0.000	92	61435	25.0	24.8	
16 Chloroethane	64	2.076	2.076	0.000	97	76838	25.0	24.6	
17 Dichlorofluoromethane	67	2.301	2.301	0.000	97	199071	25.0	23.9	
18 Trichlorofluoromethane	101	2.314	2.314	0.000	98	184990	25.0	26.0	
19 Ethyl ether	59	2.599	2.599	0.000	96	173612	25.0	25.2	
20 Acrolein	56	2.764	2.764	0.000	99	216296	125.0	122.9	M
22 1,1-Dichloroethene	96	2.825	2.825	0.000	93	144951	25.0	24.1	
21 1,1,2-Trichloro-1,2,2-trif	101	2.825	2.825	0.000	56	137937	25.0	25.8	
23 Acetone	43	2.928	2.928	0.000	98	416618	125.0	138.1	M
24 Iodomethane	142	2.977	2.977	0.000	98	244513	25.0	25.6	
25 Carbon disulfide	76	3.025	3.025	0.000	100	460332	25.0	24.2	
27 3-Chloro-1-propene	41	3.190	3.190	0.000	89	355560	25.0	23.3	
28 Methyl acetate	43	3.232	3.232	0.000	99	1076385	125.0	127.2	
30 Methylene Chloride	84	3.330	3.330	0.000	96	159433	25.0	23.1	
31 2-Methyl-2-propanol	59	3.488	3.488	0.000	98	182415	250.0	234.7	M
32 Methyl tert-butyl ether	73	3.561	3.561	0.000	99	552819	25.0	24.8	
33 trans-1,2-Dichloroethene	96	3.573	3.573	0.000	94	157836	25.0	24.5	
34 Acrylonitrile	53	3.597	3.597	0.000	97	928558	250.0	249.5	
35 Hexane	57	3.786	3.786	0.000	96	276125	25.0	23.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	96	307272	25.0	24.7	
39 Vinyl acetate	43	4.035	4.035	0.000	97	925119	50.0	50.8	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	91	148418	25.0	24.1	
43 cis-1,2-Dichloroethene	96	4.540	4.540	0.000	85	168496	25.0	24.4	
44 2-Butanone (MEK)	43	4.564	4.564	0.000	98	623326	125.0	124.2	
47 Chlorobromomethane	128	4.771	4.771	0.000	94	90218	25.0	24.6	
49 Tetrahydrofuran	42	4.802	4.802	0.000	94	187654	50.0	49.2	
50 Chloroform	83	4.850	4.850	0.000	96	264768	25.0	24.4	
51 1,1,1-Trichloroethane	97	4.978	4.978	0.000	98	208646	25.0	24.3	
52 Cyclohexane	56	5.002	5.002	0.000	96	304013	25.0	23.9	
53 Carbon tetrachloride	117	5.124	5.124	0.000	96	199329	25.0	26.0	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	91	219131	25.0	25.1	
56 Isobutyl alcohol	43	5.313	5.313	0.000	94	329386	625.0	639.9	
55 Benzene	78	5.331	5.331	0.000	97	591372	25.0	23.8	
57 1,2-Dichloroethane	62	5.386	5.386	0.000	96	243715	25.0	24.6	
59 n-Heptane	43	5.532	5.532	0.000	97	325001	25.0	23.3	
60 Trichloroethene	95	5.945	5.945	0.000	94	153244	25.0	24.7	
62 Methylcyclohexane	83	6.085	6.085	0.000	97	284271	25.0	24.0	
63 1,2-Dichloropropane	63	6.171	6.171	0.000	90	159496	25.0	25.0	
64 Dibromomethane	93	6.304	6.304	0.000	93	93407	25.0	25.3	
66 1,4-Dioxane	88	6.317	6.317	0.000	36	36210	500.0	522.2	M
67 Dichlorobromomethane	83	6.456	6.456	0.000	97	182122	25.0	24.8	
69 2-Chloroethyl vinyl ether	63	6.736	6.736	0.000	93	110294	25.0	28.2	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	91	244263	25.0	26.6	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	99	420716	125.0	128.9	
73 Toluene	92	7.180	7.180	0.000	98	371566	25.0	23.7	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	99	216004	25.0	26.6	
77 Ethyl methacrylate	69	7.497	7.497	0.000	96	205339	25.0	25.7	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	94	109047	25.0	25.2	
79 Tetrachloroethene	166	7.722	7.722	0.000	97	167194	25.0	24.0	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	99	227192	25.0	24.8	
82 2-Hexanone	43	7.862	7.862	0.000	99	803506	125.0	129.5	
83 Chlorodibromomethane	129	8.032	8.032	0.000	91	140718	25.0	26.2	
84 Ethylene Dibromide	107	8.142	8.142	0.000	99	134361	25.0	26.0	
85 Chlorobenzene	112	8.628	8.628	0.000	95	410959	25.0	24.3	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	94	150670	25.0	25.2	
88 Ethylbenzene	91	8.726	8.726	0.000	98	665523	25.0	23.5	
90 m-Xylene & p-Xylene	106	8.847	8.847	0.000	0	265107	25.0	23.9	
91 o-Xylene	106	9.273	9.273	0.000	97	277770	25.0	24.5	
92 Styrene	104	9.297	9.297	0.000	96	438533	25.0	25.3	
93 Bromoform	173	9.535	9.535	0.000	97	81759	25.0	26.6	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	691876	25.0	24.3	
97 Bromobenzene	156	9.991	9.991	0.000	92	176111	25.0	24.8	
98 1,1,2,2-Tetrachloroethane	83	10.028	10.028	0.000	96	181276	25.0	24.6	
99 1,2,3-Trichloropropane	110	10.064	10.064	0.000	88	58999	25.0	26.2	
101 trans-1,4-Dichloro-2-buten	53	10.070	10.070	0.000	64	65767	25.0	26.2	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	772042	25.0	23.8	
102 2-Chlorotoluene	126	10.180	10.180	0.000	97	166275	25.0	24.4	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	96	560055	25.0	23.9	
105 4-Chlorotoluene	91	10.289	10.289	0.000	97	534077	25.0	23.4	
106 tert-Butylbenzene	134	10.569	10.569	0.000	94	137765	25.0	24.3	
108 1,2,4-Trimethylbenzene	105	10.624	10.624	0.000	97	578729	25.0	24.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	723083	25.0	24.1	
110 1,3-Dichlorobenzene	146	10.910	10.910	0.000	99	329721	25.0	24.4	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	635863	25.0	24.4	
113 1,4-Dichlorobenzene	146	10.995	10.995	0.000	95	328518	25.0	23.6	
115 n-Butylbenzene	91	11.299	11.299	0.000	97	534023	25.0	24.3	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	98	319162	25.0	24.4	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	83	36075	25.0	27.4	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	95	213741	25.0	25.7	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	97	108903	25.0	24.0	
121 Naphthalene	128	12.954	12.954	0.000	98	587047	25.0	25.9	
122 1,2,3-Trichlorobenzene	180	13.161	13.161	0.000	96	195424	25.0	25.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added: 12.50	Units: uL	
GAS CORP mix_00127	Amount Added: 12.50	Units: uL	
N_8260_Surr_00165	Amount Added: 1.00	Units: uL	Run Reagent
N 8260 IS_00012	Amount Added: 1.00	Units: uL	Run Reagent

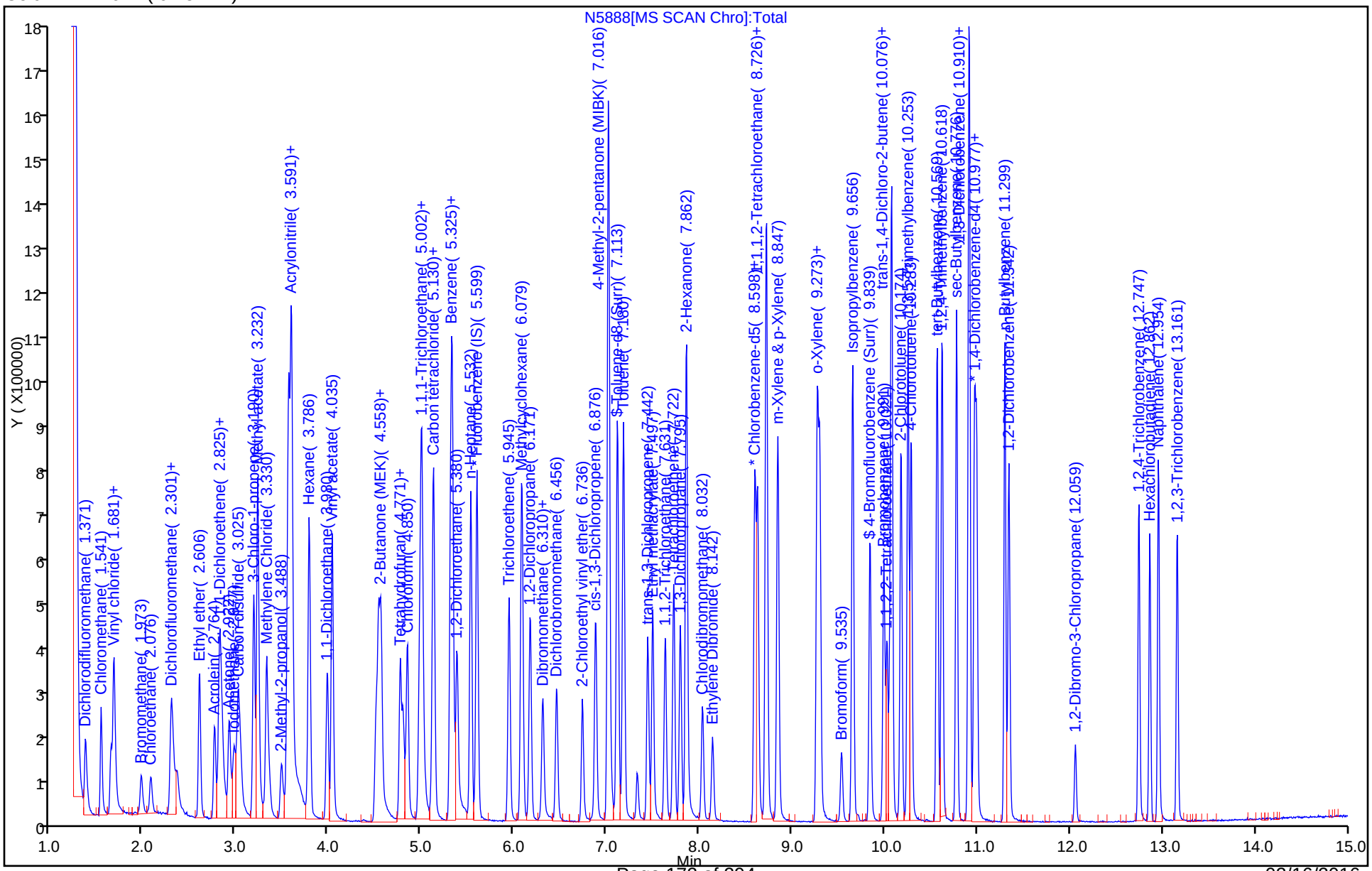
Report Date: 23-Dec-2015 17:09:30 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5888.D

Injection Date:	22-Dec-2015 22:45:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	ICIS 5			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

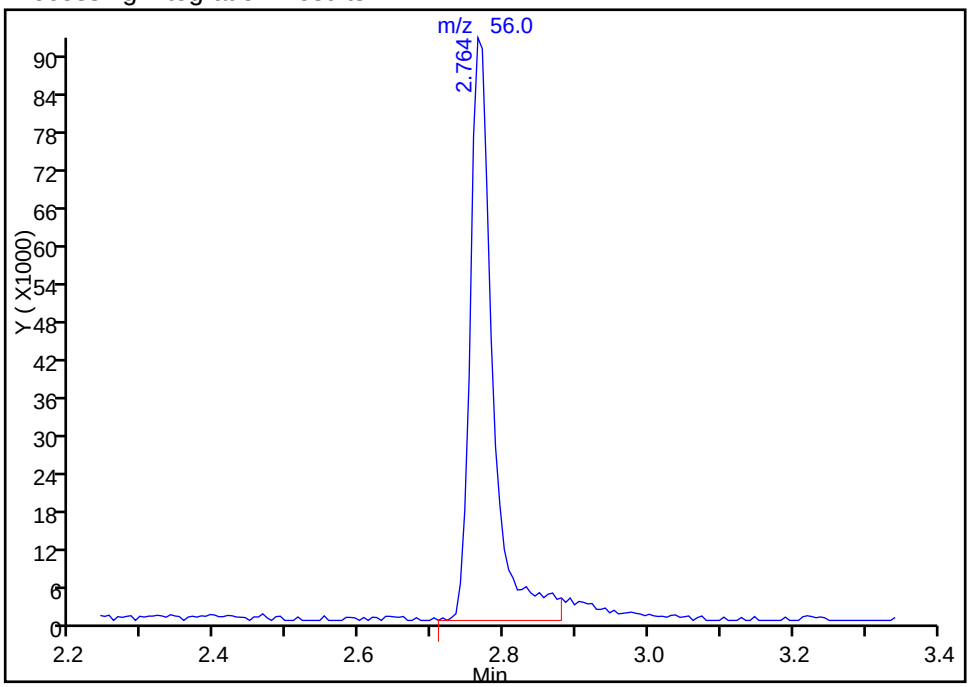
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5888.D
Injection Date: 22-Dec-2015 22:45:30 Instrument ID: HP5973N
Lims ID: ICIS 5
Client ID:
Operator ID: GTG ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

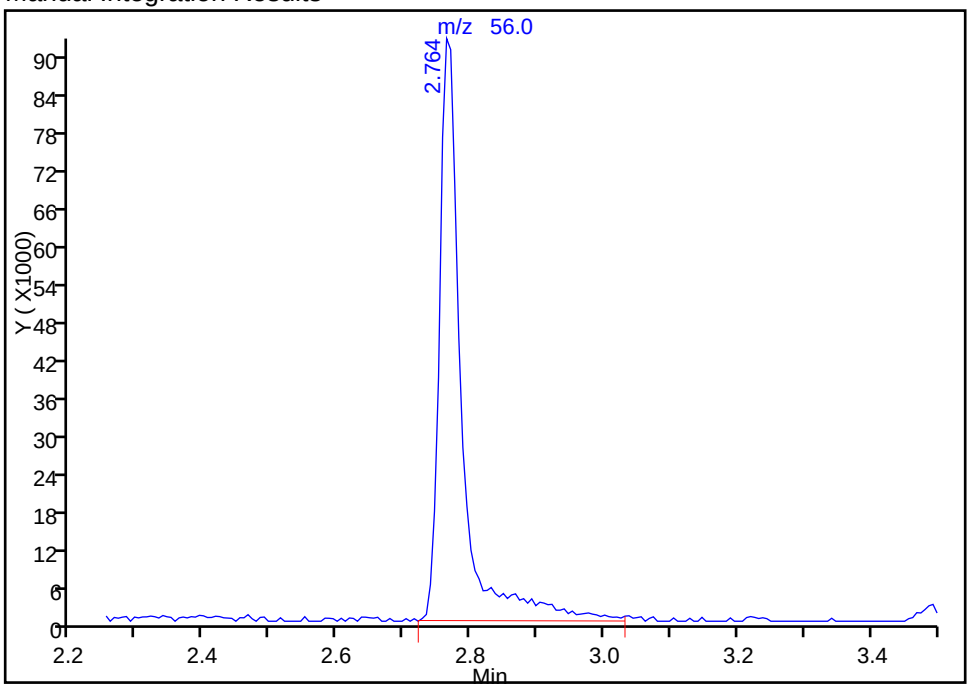
Processing Integration Results

RT: 2.76
Area: 203176
Amount: 116.3024
Amount Units: ug/L



Manual Integration Results

RT: 2.76
Area: 216296
Amount: 122.8897
Amount Units: ug/L



Reviewer: HillL, 23-Dec-2015 15:54:21
Audit Action: Manually Integrated
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

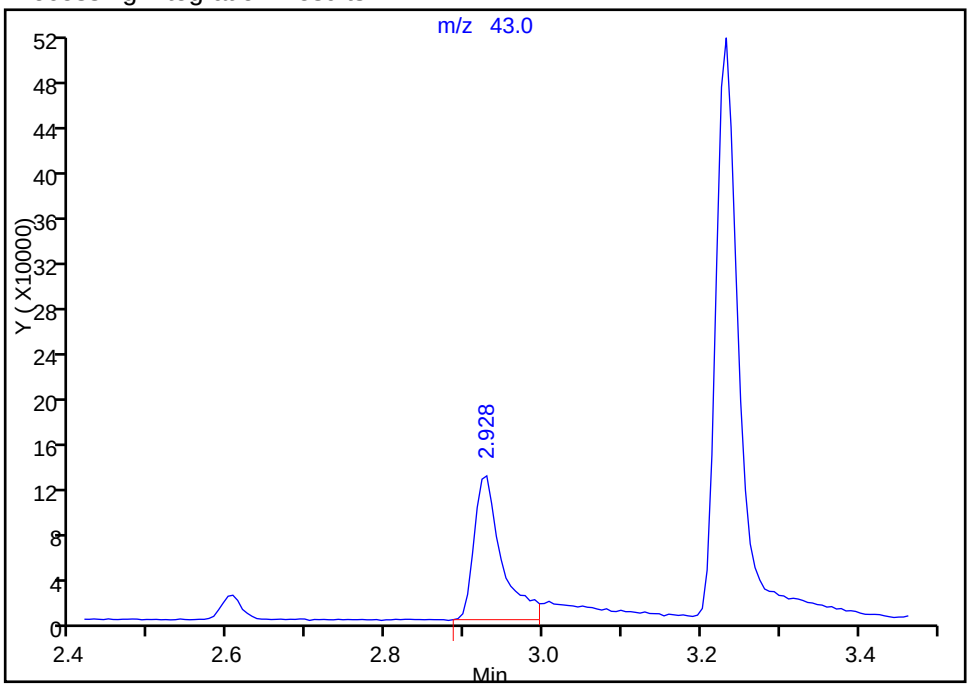
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5888.D
Injection Date: 22-Dec-2015 22:45:30 Instrument ID: HP5973N
Lims ID: ICIS 5
Client ID:
Operator ID: GTG ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

23 Acetone, CAS: 67-64-1

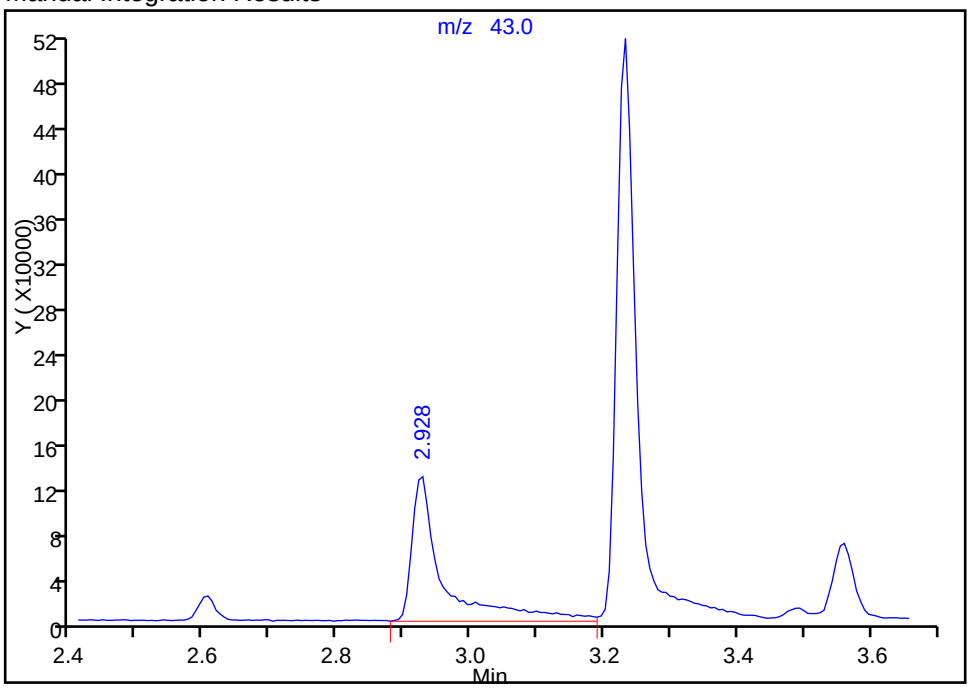
Processing Integration Results

RT: 2.93
Area: 307741
Amount: 111.5999
Amount Units: ug/L



Manual Integration Results

RT: 2.93
Area: 416618
Amount: 138.0655
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:24:29
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

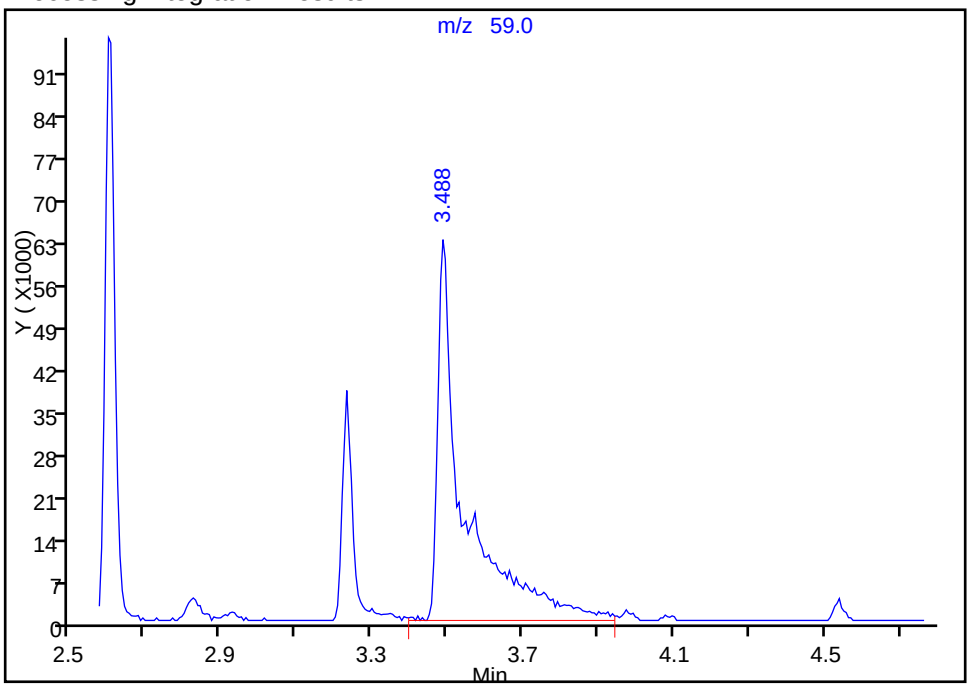
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5888.D
Injection Date: 22-Dec-2015 22:45:30 Instrument ID: HP5973N
Lims ID: ICIS 5
Client ID:
Operator ID: GTG ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

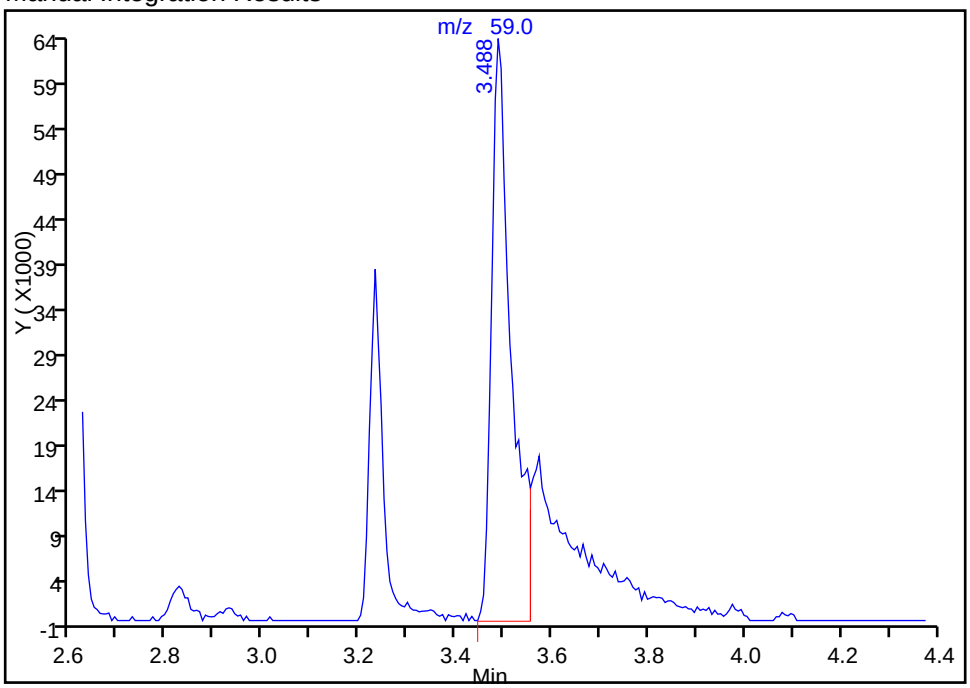
Processing Integration Results

RT: 3.49
Area: 307129
Amount: 310.8746
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 182415
Amount: 234.6938
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:59:33
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

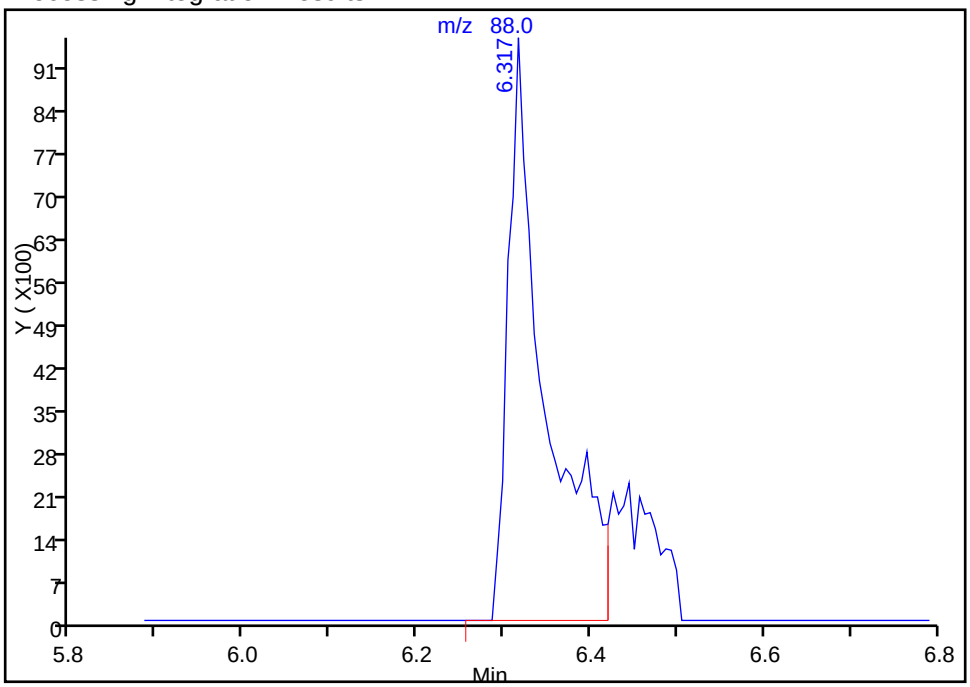
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5888.D
Injection Date: 22-Dec-2015 22:45:30 Instrument ID: HP5973N
Lims ID: ICIS 5
Client ID:
Operator ID: GTG ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

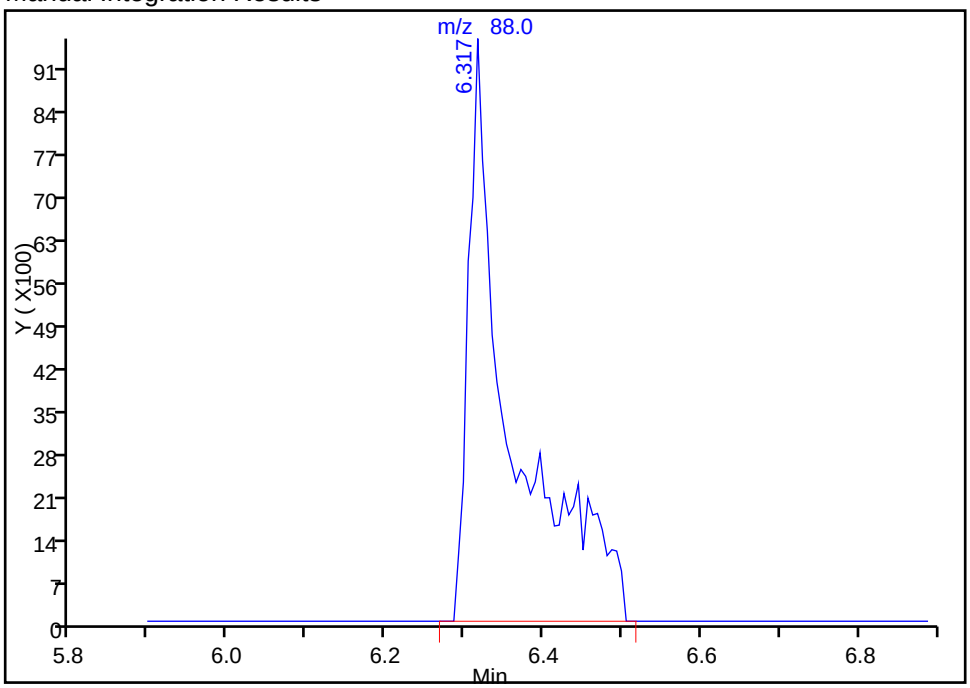
Processing Integration Results

RT: 6.32
Area: 28761
Amount: 433.3735
Amount Units: ug/L



Manual Integration Results

RT: 6.32
Area: 36210
Amount: 522.2279
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:24:29
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5889.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-Dec-2015 23:12:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 6
Misc. Info.: 480-0049506-009
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:31 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 08:13:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	-0.001	92	129292	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	458860	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	70	226656	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	42	158344	25.0	25.8	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.313	5.313	0.000	0	196135	25.0	25.3	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	82	593743	25.0	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	92	196929	25.0	25.1	
11 Dichlorodifluoromethane	85	1.370	1.371	-0.001	87	318840	50.0	47.9	
13 Chloromethane	50	1.541	1.541	0.000	88	411625	50.0	43.1	
14 Vinyl chloride	62	1.650	1.650	0.000	83	307558	50.0	45.5	
144 Butadiene	54	1.681	1.681	0.000	99	311590	50.0	45.0	
15 Bromomethane	94	1.979	1.973	0.006	93	124374	50.0	49.2	
16 Chloroethane	64	2.076	2.076	0.000	93	148948	50.0	46.6	
17 Dichlorofluoromethane	67	2.301	2.301	0.000	81	379727	50.0	44.7	
18 Trichlorofluoromethane	101	2.319	2.314	0.005	85	375710	50.0	51.7	
19 Ethyl ether	59	2.599	2.599	0.000	95	347816	50.0	49.3	
20 Acrolein	56	2.764	2.764	0.000	94	429569	250.0	238.7	
22 1,1-Dichloroethene	96	2.818	2.825	-0.007	81	287501	50.0	46.7	
21 1,1,2-Trichloro-1,2,2-trif	101	2.837	2.825	0.012	60	281146	50.0	51.4	
23 Acetone	43	2.922	2.928	-0.006	98	675702	250.0	219.0	
24 Iodomethane	142	2.976	2.977	-0.001	97	487963	50.0	49.9	
25 Carbon disulfide	76	3.025	3.025	0.000	99	924953	50.0	47.5	
27 3-Chloro-1-propene	41	3.189	3.190	-0.001	87	697351	50.0	44.6	
28 Methyl acetate	43	3.226	3.232	-0.006	97	2043582	250.0	236.2	
30 Methylene Chloride	84	3.329	3.330	-0.001	93	317144	50.0	45.0	
31 2-Methyl-2-propanol	59	3.488	3.488	0.000	97	341789	500.0	430.1	M
32 Methyl tert-butyl ether	73	3.554	3.561	-0.007	92	1089267	50.0	47.8	
33 trans-1,2-Dichloroethene	96	3.567	3.573	-0.006	74	309382	50.0	47.0	
34 Acrylonitrile	53	3.591	3.597	-0.006	95	1779406	500.0	467.7	
35 Hexane	57	3.786	3.786	0.000	93	550652	50.0	45.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	85	613644	50.0	48.3	
39 Vinyl acetate	43	4.035	4.035	0.000	97	1828716	100.0	98.3	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	92	305874	50.0	48.5	
43 cis-1,2-Dichloroethene	96	4.534	4.540	-0.006	72	338689	50.0	48.0	
44 2-Butanone (MEK)	43	4.558	4.564	-0.006	98	1243426	250.0	242.3	
47 Chlorobromomethane	128	4.771	4.771	0.000	91	185096	50.0	49.3	
49 Tetrahydrofuran	42	4.795	4.802	-0.007	93	372760	100.0	95.5	
50 Chloroform	83	4.844	4.850	-0.006	82	525445	50.0	47.3	
51 1,1,1-Trichloroethane	97	4.978	4.978	0.000	93	428204	50.0	48.8	
52 Cyclohexane	56	5.002	5.002	0.000	95	629087	50.0	48.4	
53 Carbon tetrachloride	117	5.124	5.124	0.000	74	405227	50.0	51.8	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	89	440092	50.0	49.2	
56 Isobutyl alcohol	43	5.313	5.313	0.000	91	655315	1250.0	1245.2	
55 Benzene	78	5.331	5.331	0.000	98	1187132	50.0	46.7	
57 1,2-Dichloroethane	62	5.379	5.386	-0.007	74	482863	50.0	47.6	
59 n-Heptane	43	5.532	5.532	0.000	97	642212	50.0	45.1	
60 Trichloroethene	95	5.945	5.945	0.000	90	308791	50.0	48.6	
62 Methylcyclohexane	83	6.085	6.085	0.000	96	577196	50.0	47.7	
63 1,2-Dichloropropane	63	6.170	6.171	-0.001	88	322115	50.0	49.3	
64 Dibromomethane	93	6.304	6.304	0.000	90	194711	50.0	51.7	
66 1,4-Dioxane	88	6.310	6.317	-0.007	34	76681	1000.0	1045.6	M
67 Dichlorobromomethane	83	6.456	6.456	0.000	92	388290	50.0	51.6	
69 2-Chloroethyl vinyl ether	63	6.736	6.736	0.000	91	233431	50.0	58.4	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	81	511583	50.0	54.4	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	98	827642	250.0	243.5	
73 Toluene	92	7.180	7.180	0.000	96	769450	50.0	47.1	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	94	455781	50.0	53.9	
77 Ethyl methacrylate	69	7.497	7.497	0.000	78	428284	50.0	51.5	
78 1,1,2-Trichloroethane	83	7.630	7.631	-0.001	89	221150	50.0	49.2	
79 Tetrachloroethene	166	7.722	7.722	0.000	91	342147	50.0	47.2	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	97	481343	50.0	50.5	
82 2-Hexanone	43	7.856	7.862	-0.006	97	1589939	250.0	246.1	
83 Chlorodibromomethane	129	8.032	8.032	0.000	89	299665	50.0	53.6	
84 Ethylene Dibromide	107	8.141	8.142	-0.001	99	284080	50.0	52.7	
85 Chlorobenzene	112	8.628	8.628	0.000	93	849499	50.0	48.2	
89 1,1,1,2-Tetrachloroethane	131	8.719	8.720	-0.001	42	310541	50.0	49.8	
88 Ethylbenzene	91	8.725	8.726	-0.001	98	1348306	50.0	45.6	
90 m-Xylene & p-Xylene	106	8.847	8.847	0.000	0	556497	50.0	48.2	
91 o-Xylene	106	9.273	9.273	0.000	97	555931	50.0	47.1	
92 Styrene	104	9.297	9.297	0.000	96	902778	50.0	50.1	
93 Bromoform	173	9.535	9.535	0.000	96	178249	50.0	55.6	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	1366337	50.0	48.0	
97 Bromobenzene	156	9.991	9.991	0.000	93	362298	50.0	50.8	
98 1,1,2,2-Tetrachloroethane	83	10.027	10.028	-0.001	87	363631	50.0	49.2	
99 1,2,3-Trichloropropane	110	10.058	10.064	-0.006	77	120104	50.0	53.2	
101 trans-1,4-Dichloro-2-buten	53	10.070	10.070	0.000	40	135122	50.0	53.8	
100 N-Propylbenzene	91	10.076	10.076	0.000	97	1519037	50.0	46.7	
102 2-Chlorotoluene	126	10.179	10.180	-0.001	97	339972	50.0	49.9	
104 1,3,5-Trimethylbenzene	105	10.252	10.253	-0.001	96	1113248	50.0	47.4	
105 4-Chlorotoluene	91	10.283	10.289	-0.006	97	1046757	50.0	45.8	
106 tert-Butylbenzene	134	10.569	10.569	0.000	91	277791	50.0	48.8	
108 1,2,4-Trimethylbenzene	105	10.617	10.624	-0.007	66	1118704	50.0	48.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	95	1394306	50.0	46.3	
110 1,3-Dichlorobenzene	146	10.909	10.910	-0.001	74	640512	50.0	47.4	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	96	1229068	50.0	47.1	
113 1,4-Dichlorobenzene	146	10.995	10.995	0.000	93	641179	50.0	46.0	
115 n-Butylbenzene	91	11.299	11.299	0.000	94	1038416	50.0	47.1	
116 1,2-Dichlorobenzene	146	11.341	11.342	-0.001	93	628466	50.0	48.0	
117 1,2-Dibromo-3-Chloropropan	75	12.053	12.059	-0.006	76	73196	50.0	55.5	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	93	429990	50.0	51.6	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	95	211001	50.0	46.3	
121 Naphthalene	128	12.954	12.954	0.000	97	1197671	50.0	52.7	
122 1,2,3-Trichlorobenzene	180	13.160	13.161	-0.001	93	392164	50.0	51.4	
S 123 1,3-Dichloropropene, Total	1				0			108.3	
S 124 1,2-Dichloroethene, Total	1				0			95.1	
S 125 Total BTEX	1				0			234.7	
S 126 Xylenes, Total	1				0			95.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added: 25.00	Units: uL		
GAS CORP mix_00127	Amount Added: 25.00	Units: uL		
N_8260_Surr_00165	Amount Added: 1.00	Units: uL	Run Reagent	
N 8260 IS_00012	Amount Added: 1.00	Units: uL	Run Reagent	

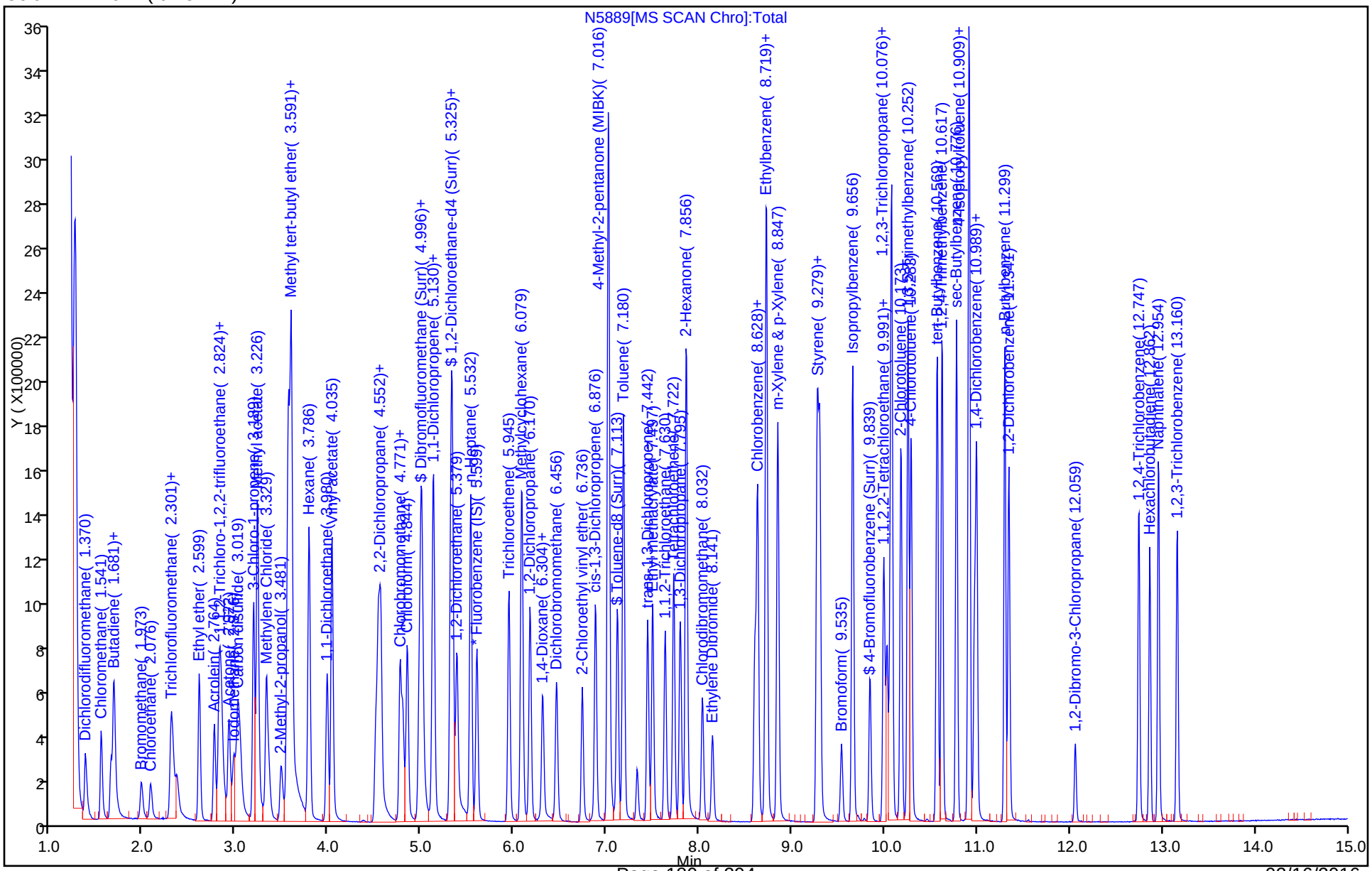
Report Date: 23-Dec-2015 17:09:33 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5889.D

Injection Date:	22-Dec-2015 23:12:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	IC 6			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

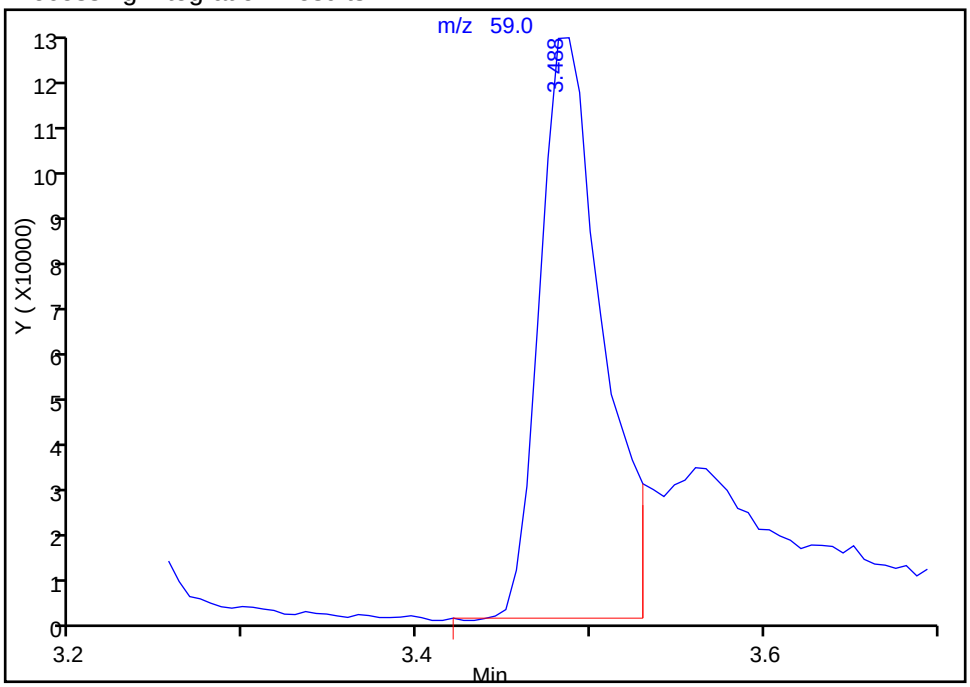
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5889.D
Injection Date: 22-Dec-2015 23:12:30 Instrument ID: HP5973N
Lims ID: IC 6
Client ID:
Operator ID: GTG ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

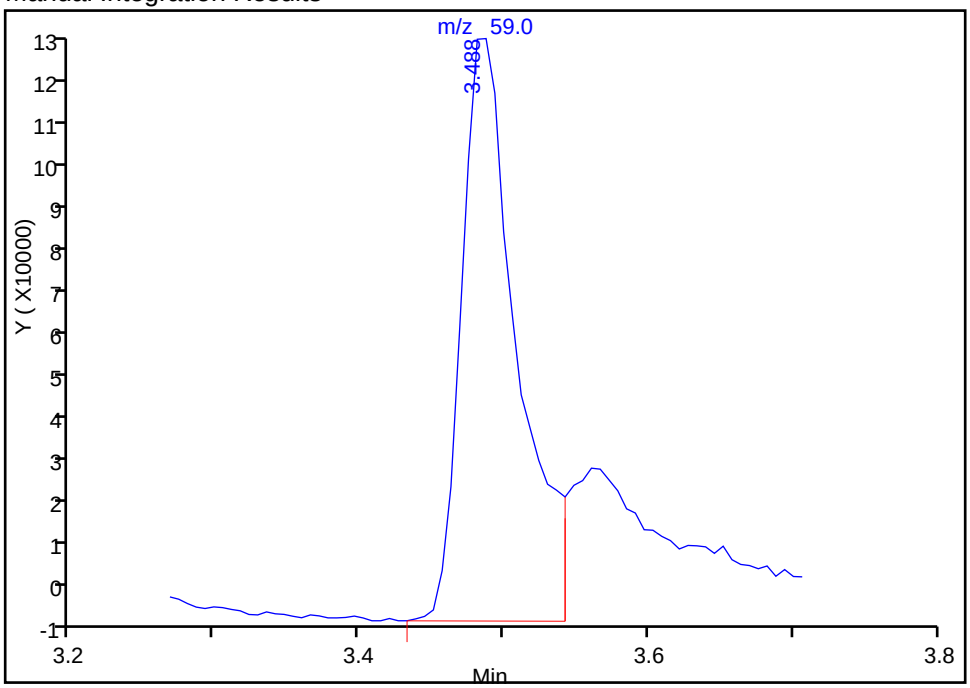
Processing Integration Results

RT: 3.49
Area: 318007
Amount: 314.1969
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 341789
Amount: 430.1145
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:22:30
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

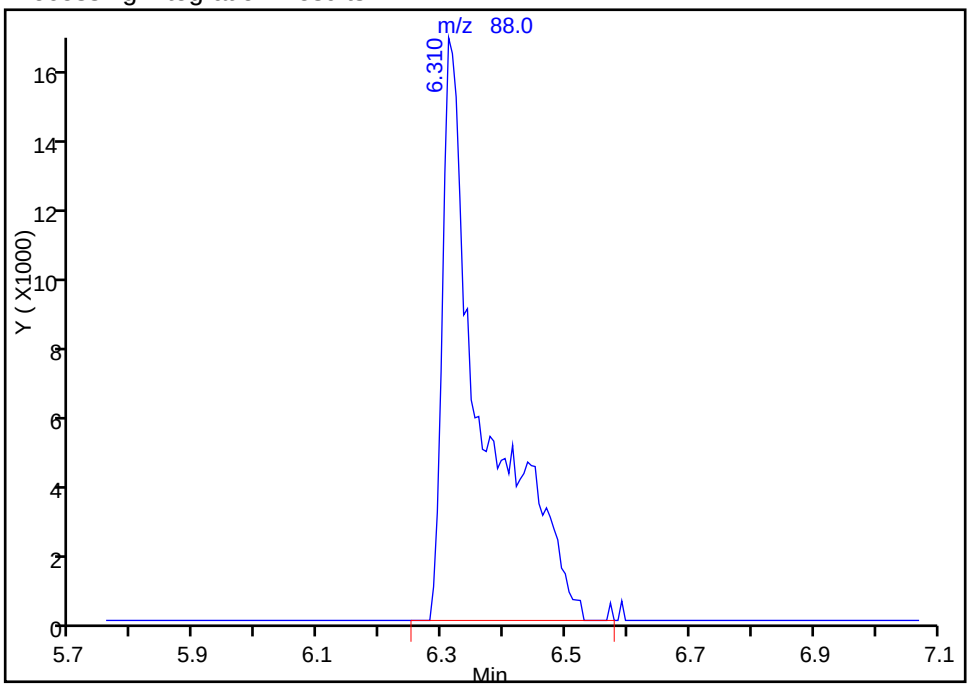
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5889.D
Injection Date: 22-Dec-2015 23:12:30 Instrument ID: HP5973N
Lims ID: IC 6
Client ID:
Operator ID: GTG ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

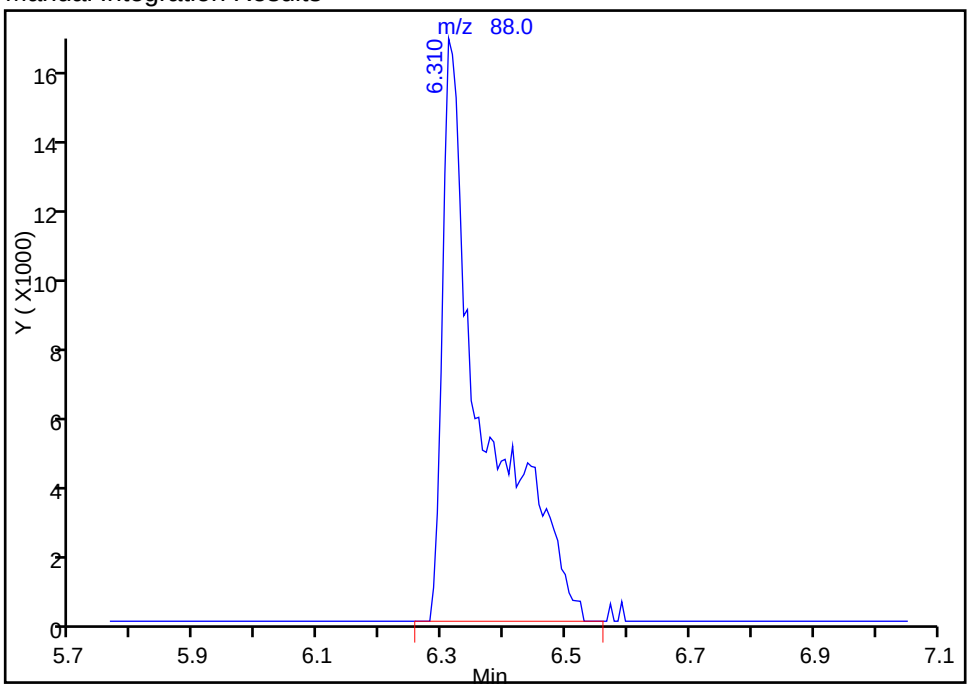
Processing Integration Results

RT: 6.31
Area: 76863
Amount: 1111.8299
Amount Units: ug/L



Manual Integration Results

RT: 6.31
Area: 76681
Amount: 1045.6500
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:22:30
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5890.D
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 22-Dec-2015 23:39:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 7
Misc. Info.: 480-0049506-010
Operator ID: GTG Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:34 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 23-Dec-2015 08:09:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.599	0.000	98	138361	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	487870	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	248275	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	5.002	0.000	44	160013	25.0	24.3	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.313	5.313	0.000	0	198828	25.0	24.0	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	623874	25.0	24.6	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	92	208787	25.0	25.1	
11 Dichlorodifluoromethane	85	1.370	1.371	-0.001	99	628794	100.0	88.3	
13 Chloromethane	50	1.541	1.541	0.000	99	839125	100.0	82.2	
14 Vinyl chloride	62	1.650	1.650	0.000	98	609856	100.0	84.2	
144 Butadiene	54	1.681	1.681	0.000	100	609910	100.0	82.3	
15 Bromomethane	94	1.979	1.973	0.006	92	258771	100.0	95.6	
16 Chloroethane	64	2.082	2.076	0.006	97	295561	100.0	86.4	
17 Dichlorofluoromethane	67	2.301	2.301	0.000	98	784253	100.0	86.2	
18 Trichlorofluoromethane	101	2.313	2.314	-0.001	98	771662	100.0	99.3	
19 Ethyl ether	59	2.599	2.599	0.000	95	694400	100.0	92.1	
20 Acrolein	56	2.764	2.764	0.000	99	866935	500.0	450.2	
22 1,1-Dichloroethene	96	2.818	2.825	-0.007	95	588233	100.0	89.2	
21 1,1,2-Trichloro-1,2,2-trif	101	2.837	2.825	0.012	90	538095	100.0	92.0	
23 Acetone	43	2.922	2.928	-0.006	98	1573480	500.0	476.6	
24 Iodomethane	142	3.001	2.977	0.024	99	943755	100.0	90.2	
25 Carbon disulfide	76	3.031	3.025	0.006	100	1805781	100.0	86.6	
27 3-Chloro-1-propene	41	3.189	3.190	-0.001	89	1340302	100.0	80.1	
28 Methyl acetate	43	3.232	3.232	0.000	98	3835808	500.0	414.3	
30 Methylene Chloride	84	3.329	3.330	-0.001	97	631142	100.0	83.7	
31 2-Methyl-2-propanol	59	3.488	3.488	0.000	97	928460	1000.0	1091.8	M
32 Methyl tert-butyl ether	73	3.554	3.561	-0.007	100	2115541	100.0	86.8	
33 trans-1,2-Dichloroethene	96	3.573	3.573	0.000	95	605295	100.0	86.0	
34 Acrylonitrile	53	3.597	3.597	0.000	97	3411755	1000.0	838.0	
35 Hexane	57	3.786	3.786	0.000	96	1092430	100.0	84.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	96	1190058	100.0	87.5	
39 Vinyl acetate	43	4.035	4.035	0.000	98	3528763	200.0	177.2	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	93	546462	100.0	81.0	
43 cis-1,2-Dichloroethene	96	4.540	4.540	0.000	83	669983	100.0	88.8	
44 2-Butanone (MEK)	43	4.558	4.564	-0.006	99	2526469	500.0	460.0	
47 Chlorobromomethane	128	4.771	4.771	0.000	95	363515	100.0	90.5	
49 Tetrahydrofuran	42	4.796	4.802	-0.006	92	784311	200.0	187.8	
50 Chloroform	83	4.844	4.850	-0.006	95	1032847	100.0	86.9	
51 1,1,1-Trichloroethane	97	4.978	4.978	0.000	98	795852	100.0	84.7	
52 Cyclohexane	56	5.002	5.002	0.000	96	1205488	100.0	86.7	
53 Carbon tetrachloride	117	5.124	5.124	0.000	98	797511	100.0	95.2	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	92	869011	100.0	90.9	
56 Isobutyl alcohol	43	5.313	5.313	0.000	93	1429300	2500.0	2537.9	
55 Benzene	78	5.331	5.331	0.000	98	2280450	100.0	83.8	
57 1,2-Dichloroethane	62	5.380	5.386	-0.006	97	965081	100.0	89.0	
59 n-Heptane	43	5.532	5.532	0.000	97	1285713	100.0	84.3	
60 Trichloroethene	95	5.945	5.945	0.000	94	621512	100.0	91.4	
62 Methylcyclohexane	83	6.085	6.085	0.000	96	1079225	100.0	83.4	
63 1,2-Dichloropropane	63	6.170	6.171	-0.001	89	656192	100.0	93.9	
64 Dibromomethane	93	6.304	6.304	0.000	93	406665	100.0	100.9	
66 1,4-Dioxane	88	6.310	6.317	-0.007	98	150319	2000.0	1914.4	
67 Dichlorobromomethane	83	6.456	6.456	0.000	97	795448	100.0	98.9	
69 2-Chloroethyl vinyl ether	63	6.736	6.736	0.000	92	521499	100.0	121.9	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	91	1059778	100.0	105.4	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	94	1709064	500.0	473.0	
73 Toluene	92	7.180	7.180	0.000	97	1560250	100.0	89.8	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	98	964133	100.0	107.2	
77 Ethyl methacrylate	69	7.497	7.497	0.000	95	924803	100.0	104.7	
78 1,1,2-Trichloroethane	83	7.630	7.631	-0.001	94	468151	100.0	97.9	
79 Tetrachloroethene	166	7.722	7.722	0.000	97	692306	100.0	89.8	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	99	1006317	100.0	99.3	
82 2-Hexanone	43	7.856	7.862	-0.006	96	3201943	500.0	466.1	
83 Chlorodibromomethane	129	8.032	8.032	0.000	91	653808	100.0	109.9	
84 Ethylene Dibromide	107	8.141	8.142	-0.001	99	601833	100.0	105.0	
85 Chlorobenzene	112	8.628	8.628	0.000	94	1720990	100.0	91.9	
89 1,1,1,2-Tetrachloroethane	131	8.719	8.720	-0.001	94	644303	100.0	97.3	
88 Ethylbenzene	91	8.725	8.726	-0.001	98	2625894	100.0	83.6	
90 m-Xylene & p-Xylene	106	8.847	8.847	0.000	0	1144059	100.0	93.3	
91 o-Xylene	106	9.273	9.273	0.000	96	1131407	100.0	90.1	
92 Styrene	104	9.297	9.297	0.000	95	1811360	100.0	94.6	
93 Bromoform	173	9.535	9.535	0.000	97	405484	100.0	119.0	
95 Isopropylbenzene	105	9.656	9.656	0.000	97	2631082	100.0	84.3	
97 Bromobenzene	156	9.991	9.991	0.000	93	746527	100.0	95.6	
98 1,1,2,2-Tetrachloroethane	83	10.027	10.028	-0.001	96	756285	100.0	93.5	
99 1,2,3-Trichloropropane	110	10.058	10.064	-0.006	89	252387	100.0	102.1	
101 trans-1,4-Dichloro-2-buten	53	10.076	10.070	0.006	78	305751	100.0	111.1	
100 N-Propylbenzene	91	10.076	10.076	0.000	96	2932285	100.0	82.2	
102 2-Chlorotoluene	126	10.179	10.180	-0.001	97	696960	100.0	93.4	
104 1,3,5-Trimethylbenzene	105	10.252	10.253	-0.001	97	2211914	100.0	86.1	
105 4-Chlorotoluene	91	10.289	10.289	0.000	97	2127444	100.0	85.0	
106 tert-Butylbenzene	134	10.569	10.569	0.000	94	571363	100.0	91.7	
108 1,2,4-Trimethylbenzene	105	10.617	10.624	-0.007	97	2230594	100.0	87.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	95	2741677	100.0	83.2	
110 1,3-Dichlorobenzene	146	10.909	10.910	-0.001	97	1303745	100.0	88.1	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	95	2399698	100.0	84.0	
113 1,4-Dichlorobenzene	146	10.995	10.995	0.000	93	1355373	100.0	88.8	
115 n-Butylbenzene	91	11.299	11.299	0.000	96	2101032	100.0	87.1	
116 1,2-Dichlorobenzene	146	11.341	11.342	-0.001	96	1274678	100.0	88.8	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	86	161680	100.0	111.9	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	95	902250	100.0	98.8	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	97	447805	100.0	89.8	
121 Naphthalene	128	12.954	12.954	0.000	98	2426578	100.0	97.5	
122 1,2,3-Trichlorobenzene	180	13.160	13.161	-0.001	95	847483	100.0	101.4	
S 123 1,3-Dichloropropene, Total	1				0			212.5	
S 124 1,2-Dichloroethene, Total	1				0			174.8	
S 125 Total BTEX	1				0			440.5	
S 126 Xylenes, Total	1				0			183.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added: 50.00	Units: uL		
GAS CORP mix_00127	Amount Added: 50.00	Units: uL		
N_8260_Surr_00165	Amount Added: 1.00	Units: uL	Run Reagent	
N 8260 IS_00012	Amount Added: 1.00	Units: uL	Run Reagent	

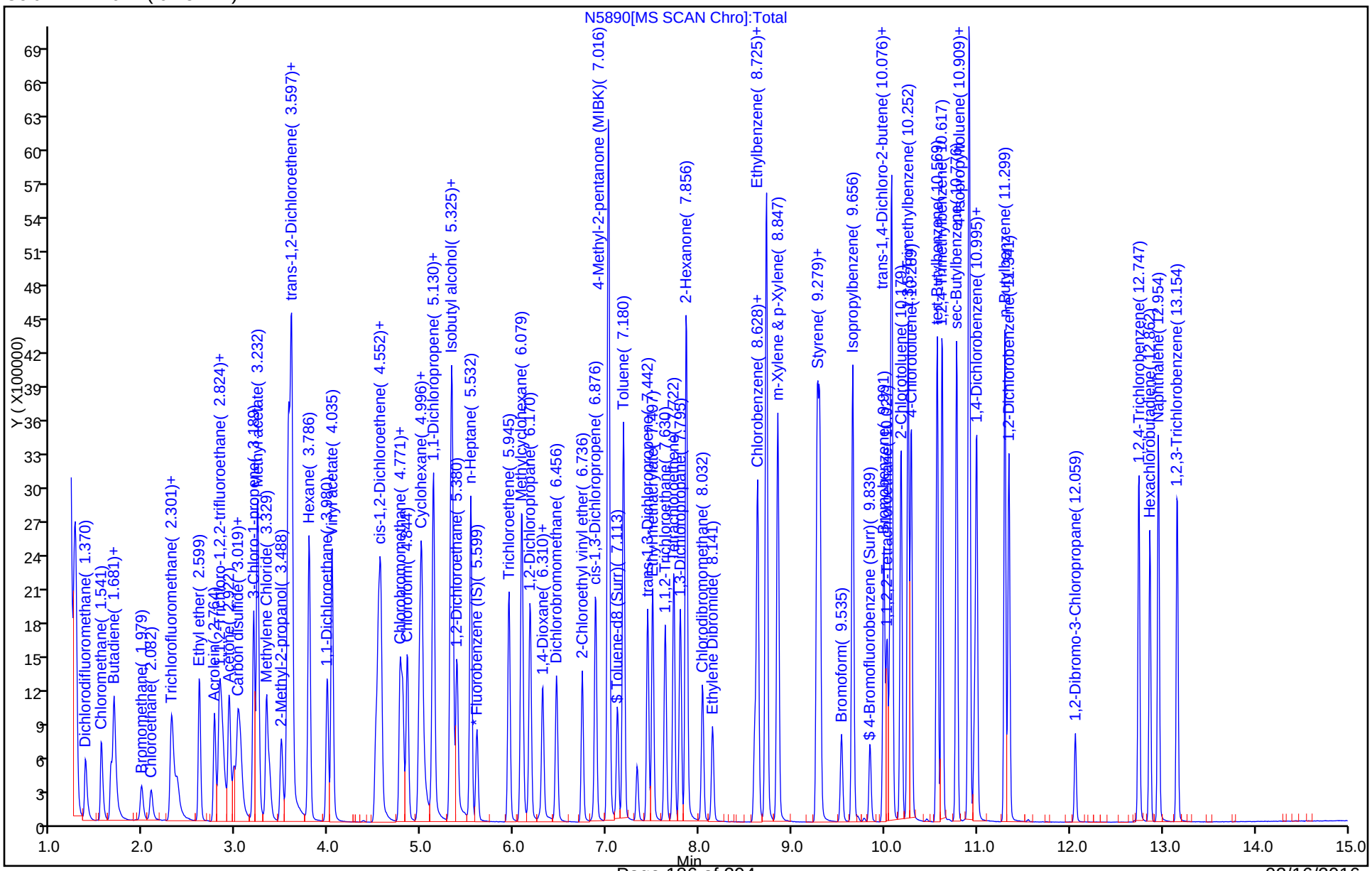
Report Date: 23-Dec-2015 17:09:36 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5890.D

Injection Date:	22-Dec-2015 23:39:30	Instrument ID:	HP5973N	Operator ID:	GTG
Lims ID:	IC 7			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



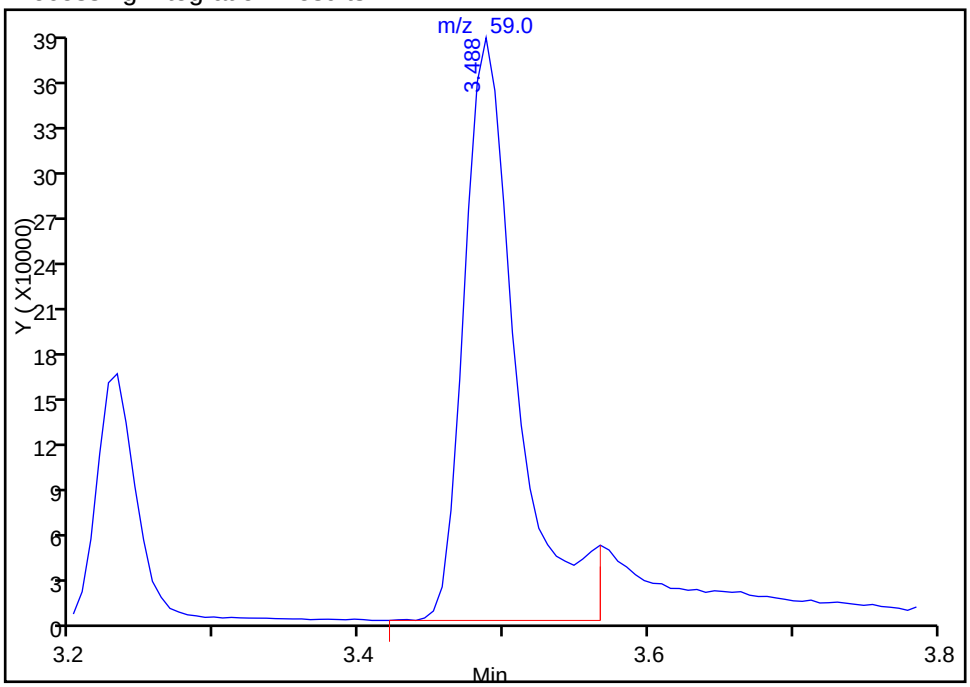
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5890.D
Injection Date: 22-Dec-2015 23:39:30 Instrument ID: HP5973N
Lims ID: IC 7
Client ID:
Operator ID: GTG ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

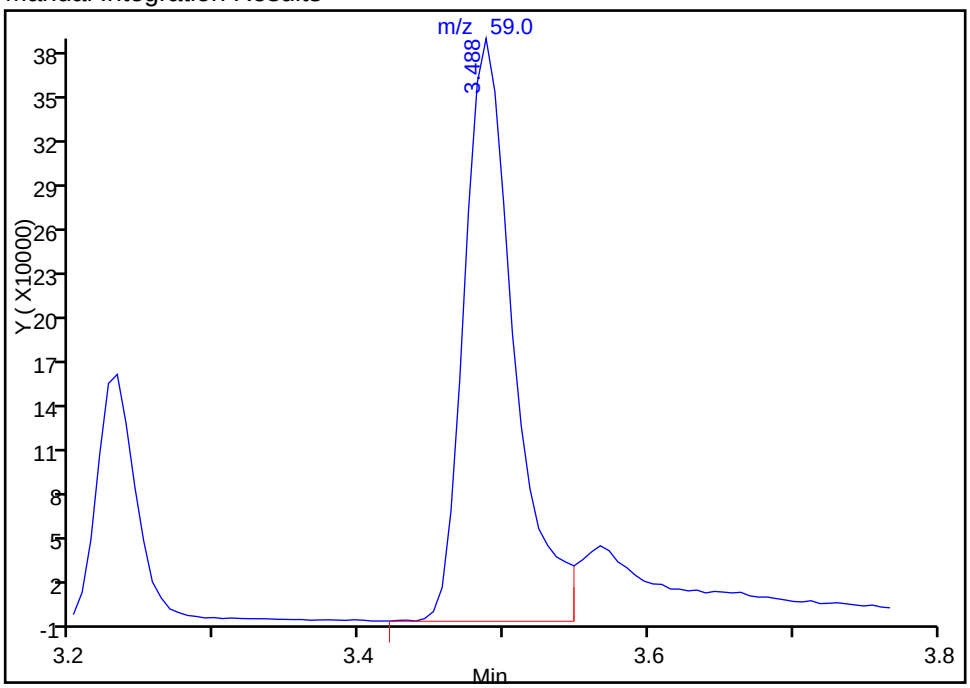
Processing Integration Results

RT: 3.49
Area: 976966
Amount: 896.9707
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 928460
Amount: 1091.8103
Amount Units: ug/L



Reviewer: goliszekg, 23-Dec-2015 08:20:26
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282137/3 Calibration Date: 01/04/2016 10:07

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6240.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.287	1.389	0.1000	27.0	25.0	7.9	50.0
Chloromethane	Ave	1.845	1.661	0.1000	22.5	25.0	-10.0	20.0
Vinyl chloride	Ave	1.308	1.095	0.1000	20.9	25.0	-16.3	20.0
Butadiene	Ave	1.339	1.150		21.5	25.0	-14.1	20.0
Bromomethane	Ave	0.4889	0.4083	0.1000	20.9	25.0	-16.5	50.0
Chloroethane	Ave	0.6181	0.4602	0.1000	18.6	25.0	-25.6	50.0
Dichlorofluoromethane	Ave	1.644	1.430		21.7	25.0	-13.0	20.0
Trichlorofluoromethane	Ave	1.404	1.427	0.1000	25.4	25.0	1.6	20.0
Ethyl ether	Ave	1.363	1.229		22.5	25.0	-9.8	20.0
Acrolein	Ave	0.3479	0.2796		100	125	-19.6	50.0
1,1-Dichloroethene	Ave	1.191	1.046	0.1000	21.9	25.0	-12.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.057	0.9801	0.1000	23.2	25.0	-7.3	20.0
Acetone	Ave	0.5965	0.5643	0.1000	118	125	-5.4	50.0
Iodomethane	Ave	1.890	1.903		25.2	25.0	0.7	20.0
Carbon disulfide	Ave	3.767	3.202	0.1000	21.2	25.0	-15.0	20.0
Allyl chloride	Ave	3.023	2.500		20.7	25.0	-17.3	20.0
Methyl acetate	Ave	1.673	1.576	0.1000	118	125	-5.8	50.0
Methylene Chloride	Ave	1.362	1.297	0.1000	23.8	25.0	-4.8	20.0
2-Methyl-2-propanol	Ave	0.1537	0.1679		273	250	9.3	50.0
Methyl tert-butyl ether	Ave	4.405	4.378	0.1000	24.8	25.0	-0.6	20.0
trans-1,2-Dichloroethene	Ave	1.272	1.239	0.1000	24.4	25.0	-2.6	20.0
Acrylonitrile	Ave	0.7356	0.6990		238	250	-5.0	20.0
Hexane	Ave	2.349	1.935		20.6	25.0	-17.7	20.0
1,1-Dichloroethane	Ave	2.456	2.387	0.2000	24.3	25.0	-2.8	20.0
Vinyl acetate	Ave	3.598	3.604		50.1	50.0	0.2	20.0
2,2-Dichloropropane	Ave	1.219	1.329		27.3	25.0	9.0	20.0
cis-1,2-Dichloroethene	Ave	1.363	1.382	0.1000	25.3	25.0	1.4	20.0
2-Butanone (MEK)	Ave	0.9923	0.9120	0.1000	115	125	-8.1	20.0
Chlorobromomethane	Ave	0.7255	0.7724		26.6	25.0	6.5	20.0
Tetrahydrofuran	Ave	0.7546	0.7076		46.9	50.0	-6.2	20.0
Chloroform	Ave	2.148	2.172	0.2000	25.3	25.0	1.1	20.0
1,1,1-Trichloroethane	Ave	1.698	1.758	0.1000	25.9	25.0	3.5	20.0
Cyclohexane	Ave	2.513	2.082	0.1000	20.7	25.0	-17.2	20.0
Carbon tetrachloride	Ave	1.514	1.529	0.1000	25.3	25.0	1.0	20.0
1,1-Dichloropropene	Ave	1.728	1.650		23.9	25.0	-4.5	20.0
Isobutyl alcohol	Ave	0.1018	0.0914		561	625	-10.2	50.0
Benzene	Ave	4.918	4.662	0.5000	23.7	25.0	-5.2	20.0
1,2-Dichloroethane	Ave	1.960	2.074	0.1000	26.5	25.0	5.8	20.0
n-Heptane	Ave	2.756	2.341		21.2	25.0	-15.0	20.0
Trichloroethene	Ave	1.228	1.250	0.2000	25.4	25.0	1.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282137/3 Calibration Date: 01/04/2016 10:07

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6240.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.338	2.053	0.1000	22.0	25.0	-12.2	20.0
1,2-Dichloropropane	Ave	1.263	1.249	0.1000	24.7	25.0	-1.1	20.0
Dibromomethane	Ave	0.7286	0.7953	0.1000	27.3	25.0	9.2	20.0
1,4-Dioxane	Lin1		0.0047		593	500	18.7	50.0
Bromodichloromethane	Ave	1.454	1.525	0.2000	26.2	25.0	4.9	20.0
2-Chloroethyl vinyl ether	Ave	0.7727	0.8705		28.2	25.0	12.6	20.0
cis-1,3-Dichloropropene	Ave	1.817	1.955	0.2000	26.9	25.0	7.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1852	0.1815	0.1000	123	125	-2.0	20.0
Toluene	Ave	0.8908	0.8581	0.4000	24.1	25.0	-3.7	20.0
trans-1,3-Dichloropropene	Ave	0.4610	0.4851	0.1000	26.3	25.0	5.2	20.0
Ethyl methacrylate	Ave	0.4528	0.4491		24.8	25.0	-0.8	20.0
1,1,2-Trichloroethane	Ave	0.2450	0.2496	0.1000	25.5	25.0	1.9	20.0
Tetrachloroethene	Ave	0.3951	0.3636	0.2000	23.0	25.0	-8.0	20.0
1,3-Dichloropropane	Ave	0.5191	0.5321		25.6	25.0	2.5	20.0
2-Hexanone	Ave	0.3520	0.3390	0.1000	120	125	-3.7	20.0
Dibromochloromethane	Ave	0.3047	0.3264	0.1000	26.8	25.0	7.1	20.0
1,2-Dibromoethane	Ave	0.2936	0.3247		27.6	25.0	10.6	20.0
Chlorobenzene	Ave	0.9594	0.9845	0.5000	25.7	25.0	2.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3395	0.3524		26.0	25.0	3.8	20.0
Ethylbenzene	Ave	1.610	1.550	0.1000	24.1	25.0	-3.7	20.0
m,p-Xylene	Ave	0.6286	0.6500	0.1000	25.9	25.0	3.4	20.0
o-Xylene	Ave	0.6433	0.6492	0.3000	25.2	25.0	0.9	20.0
Styrene	Ave	0.9815	1.027	0.3000	26.2	25.0	4.6	20.0
Bromoform	Ave	0.1746	0.1618	0.1000	23.2	25.0	-7.3	50.0
Isopropylbenzene	Ave	3.142	3.220	0.1000	25.6	25.0	2.5	20.0
Bromobenzene	Ave	0.7860	0.8505		27.1	25.0	8.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8148	0.8350	0.3000	25.6	25.0	2.5	20.0
1,2,3-Trichloropropane	Ave	0.2489	0.2939		29.5	25.0	18.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2770	0.2593		23.4	25.0	-6.4	50.0
N-Propylbenzene	Ave	3.591	3.616		25.2	25.0	0.7	20.0
2-Chlorotoluene	Ave	0.7517	0.8119		27.0	25.0	8.0	20.0
1,3,5-Trimethylbenzene	Ave	2.588	2.659		25.7	25.0	2.8	20.0
4-Chlorotoluene	Ave	2.522	2.548		25.3	25.0	1.0	20.0
tert-Butylbenzene	Ave	0.6275	0.6373		25.4	25.0	1.6	20.0
1,2,4-Trimethylbenzene	Ave	2.572	2.760		26.8	25.0	7.3	20.0
sec-Butylbenzene	Ave	3.319	3.357		25.3	25.0	1.1	20.0
1,3-Dichlorobenzene	Ave	1.490	1.558	0.6000	26.1	25.0	4.6	20.0
4-Isopropyltoluene	Ave	2.876	2.948		25.6	25.0	2.5	20.0
1,4-Dichlorobenzene	Ave	1.537	1.577	0.5000	25.7	25.0	2.6	20.0
n-Butylbenzene	Ave	2.430	2.498		25.7	25.0	2.8	20.0
1,2-Dichlorobenzene	Ave	1.445	1.515	0.4000	26.2	25.0	4.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282137/3 Calibration Date: 01/04/2016 10:07

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6240.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1455	0.1441	0.0500	24.8	25.0	-1.0	50.0
1,2,4-Trichlorobenzene	Ave	0.9195	0.9530	0.2000	25.9	25.0	3.6	20.0
Hexachlorobutadiene	Ave	0.5022	0.4483		22.3	25.0	-10.7	20.0
Naphthalene	Ave	2.507	2.742		27.3	25.0	9.4	20.0
1,2,3-Trichlorobenzene	Ave	0.8416	0.8793		26.1	25.0	4.5	20.0
Dibromofluoromethane (Surr)	Ave	1.188	1.292		27.2	25.0	8.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.499	1.657		27.6	25.0	10.5	20.0
Toluene-d8 (Surr)	Ave	1.297	1.327		25.6	25.0	2.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4269	0.4076		23.9	25.0	-4.5	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6240.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Jan-2016 10:07:30 ALS Bottle#: 31 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0049694-003
Operator ID: LH/RR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Jan-2016 10:34:19 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: HillL Date: 04-Jan-2016 10:34:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	140165	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	503761	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	251575	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.003	5.003	0.000	82	181046	25.0	27.2	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	232242	25.0	27.6	
$ 6 Toluene-d8 (Surr)	98	7.114	7.114	0.000	93	668316	25.0	25.6	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	88	205341	25.0	23.9	
11 Dichlorodifluoromethane	85	1.371	1.371	0.000	99	194744	25.0	27.0	
13 Chloromethane	50	1.541	1.541	0.000	99	232849	25.0	22.5	
14 Vinyl chloride	62	1.644	1.644	0.000	98	153505	25.0	20.9	
144 Butadiene	54	1.675	1.675	0.000	100	161246	25.0	21.5	
15 Bromomethane	94	1.973	1.973	0.000	93	57228	25.0	20.9	
16 Chloroethane	64	2.070	2.070	0.000	97	64497	25.0	18.6	
17 Dichlorofluoromethane	67	2.289	2.289	0.000	94	200396	25.0	21.7	
18 Trichlorofluoromethane	101	2.307	2.307	0.000	81	200073	25.0	25.4	
19 Ethyl ether	59	2.599	2.599	0.000	96	172239	25.0	22.5	
20 Acrolein	56	2.758	2.758	0.000	98	195957	125.0	100.4	
22 1,1-Dichloroethene	96	2.812	2.812	0.000	95	146566	25.0	21.9	
21 1,1,2-Trichloro-1,2,2-trif	101	2.825	2.825	0.000	93	137371	25.0	23.2	
23 Acetone	43	2.916	2.916	0.000	98	395498	125.0	118.3	
24 Iodomethane	142	2.971	2.971	0.000	100	266798	25.0	25.2	
25 Carbon disulfide	76	3.019	3.019	0.000	100	448741	25.0	21.2	
27 3-Chloro-1-propene	41	3.184	3.184	0.000	89	350434	25.0	20.7	
28 Methyl acetate	43	3.226	3.226	0.000	99	1104172	125.0	117.7	
30 Methylene Chloride	84	3.323	3.323	0.000	97	181786	25.0	23.8	
31 2-Methyl-2-propanol	59	3.488	3.488	0.000	97	235354	250.0	273.2	
32 Methyl tert-butyl ether	73	3.555	3.555	0.000	99	613637	25.0	24.8	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	96	173651	25.0	24.4	
34 Acrylonitrile	53	3.591	3.591	0.000	97	979747	250.0	237.6	
35 Hexane	57	3.780	3.780	0.000	96	271181	25.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.974	3.974	0.000	97	334536	25.0	24.3	
39 Vinyl acetate	43	4.029	4.029	0.000	97	1010196	50.0	50.1	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	91	186258	25.0	27.3	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	82	193722	25.0	25.3	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	98	639181	125.0	114.9	
47 Chlorobromomethane	128	4.765	4.765	0.000	97	108256	25.0	26.6	
49 Tetrahydrofuran	42	4.796	4.796	0.000	92	198368	50.0	46.9	
50 Chloroform	83	4.844	4.844	0.000	95	304422	25.0	25.3	
51 1,1,1-Trichloroethane	97	4.972	4.972	0.000	98	246371	25.0	25.9	
52 Cyclohexane	56	4.996	4.996	0.000	97	291799	25.0	20.7	
53 Carbon tetrachloride	117	5.118	5.118	0.000	96	214317	25.0	25.3	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	91	231217	25.0	23.9	
56 Isobutyl alcohol	43	5.313	5.313	0.000	94	320327	625.0	561.5	
55 Benzene	78	5.331	5.331	0.000	99	653400	25.0	23.7	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	290645	25.0	26.5	
59 n-Heptane	43	5.526	5.526	0.000	98	328131	25.0	21.2	
60 Trichloroethene	95	5.939	5.939	0.000	95	175146	25.0	25.4	
62 Methylcyclohexane	83	6.079	6.079	0.000	96	287828	25.0	22.0	
63 1,2-Dichloropropane	63	6.171	6.171	0.000	88	175057	25.0	24.7	
64 Dibromomethane	93	6.304	6.304	0.000	94	111477	25.0	27.3	
66 1,4-Dioxane	88	6.310	6.310	0.000	42	47202	500.0	593.3	
67 Dichlorobromomethane	83	6.456	6.456	0.000	98	213714	25.0	26.2	
69 2-Chloroethyl vinyl ether	63	6.730	6.730	0.000	93	122007	25.0	28.2	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	92	273964	25.0	26.9	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	99	457095	125.0	122.5	
73 Toluene	92	7.174	7.174	0.000	98	432257	25.0	24.1	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	98	244350	25.0	26.3	
77 Ethyl methacrylate	69	7.497	7.497	0.000	94	226220	25.0	24.8	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	92	125721	25.0	25.5	
79 Tetrachloroethene	166	7.722	7.722	0.000	96	183158	25.0	23.0	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	98	268067	25.0	25.6	
82 2-Hexanone	43	7.856	7.856	0.000	98	853756	125.0	120.4	
83 Chlorodibromomethane	129	8.032	8.032	0.000	90	164406	25.0	26.8	
84 Ethylene Dibromide	107	8.142	8.142	0.000	99	163561	25.0	27.6	
85 Chlorobenzene	112	8.628	8.628	0.000	96	495927	25.0	25.7	
88 Ethylbenzene	91	8.720	8.720	0.000	98	780836	25.0	24.1	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	93	177529	25.0	26.0	
90 m-Xylene & p-Xylene	106	8.841	8.841	0.000	0	327460	25.0	25.9	
91 o-Xylene	106	9.273	9.273	0.000	97	327018	25.0	25.2	
92 Styrene	104	9.298	9.298	0.000	95	517305	25.0	26.2	
93 Bromoform	173	9.535	9.535	0.000	96	81497	25.0	23.2	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	810159	25.0	25.6	
97 Bromobenzene	156	9.991	9.991	0.000	92	213971	25.0	27.1	
98 1,1,2,2-Tetrachloroethane	83	10.021	10.021	0.000	95	210071	25.0	25.6	
99 1,2,3-Trichloropropane	110	10.058	10.058	0.000	90	73946	25.0	29.5	
101 trans-1,4-Dichloro-2-buten	53	10.070	10.070	0.000	69	65232	25.0	23.4	
100 N-Propylbenzene	91	10.076	10.076	0.000	99	909627	25.0	25.2	
102 2-Chlorotoluene	126	10.174	10.174	0.000	97	204240	25.0	27.0	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	96	668973	25.0	25.7	
105 4-Chlorotoluene	91	10.283	10.283	0.000	97	640973	25.0	25.3	
106 tert-Butylbenzene	134	10.569	10.569	0.000	94	160336	25.0	25.4	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	694261	25.0	26.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	844498	25.0	25.3	
110 1,3-Dichlorobenzene	146	10.904	10.904	0.000	97	391984	25.0	26.1	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	741707	25.0	25.6	
113 1,4-Dichlorobenzene	146	10.995	10.995	0.000	94	396670	25.0	25.7	
115 n-Butylbenzene	91	11.293	11.293	0.000	97	628374	25.0	25.7	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	97	381224	25.0	26.2	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	83	36243	25.0	24.8	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	94	239746	25.0	25.9	
120 Hexachlorobutadiene	225	12.862	12.862	0.000	97	112791	25.0	22.3	
121 Naphthalene	128	12.954	12.954	0.000	97	689829	25.0	27.3	
122 1,2,3-Trichlorobenzene	180	13.161	13.161	0.000	95	221201	25.0	26.1	

Reagents:

8260 CORP mix_00062	Amount Added: 12.50	Units: uL	
GAS CORP mix_00129	Amount Added: 12.50	Units: uL	
N 8260 IS_00012	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added: 1.00	Units: uL	Run Reagent

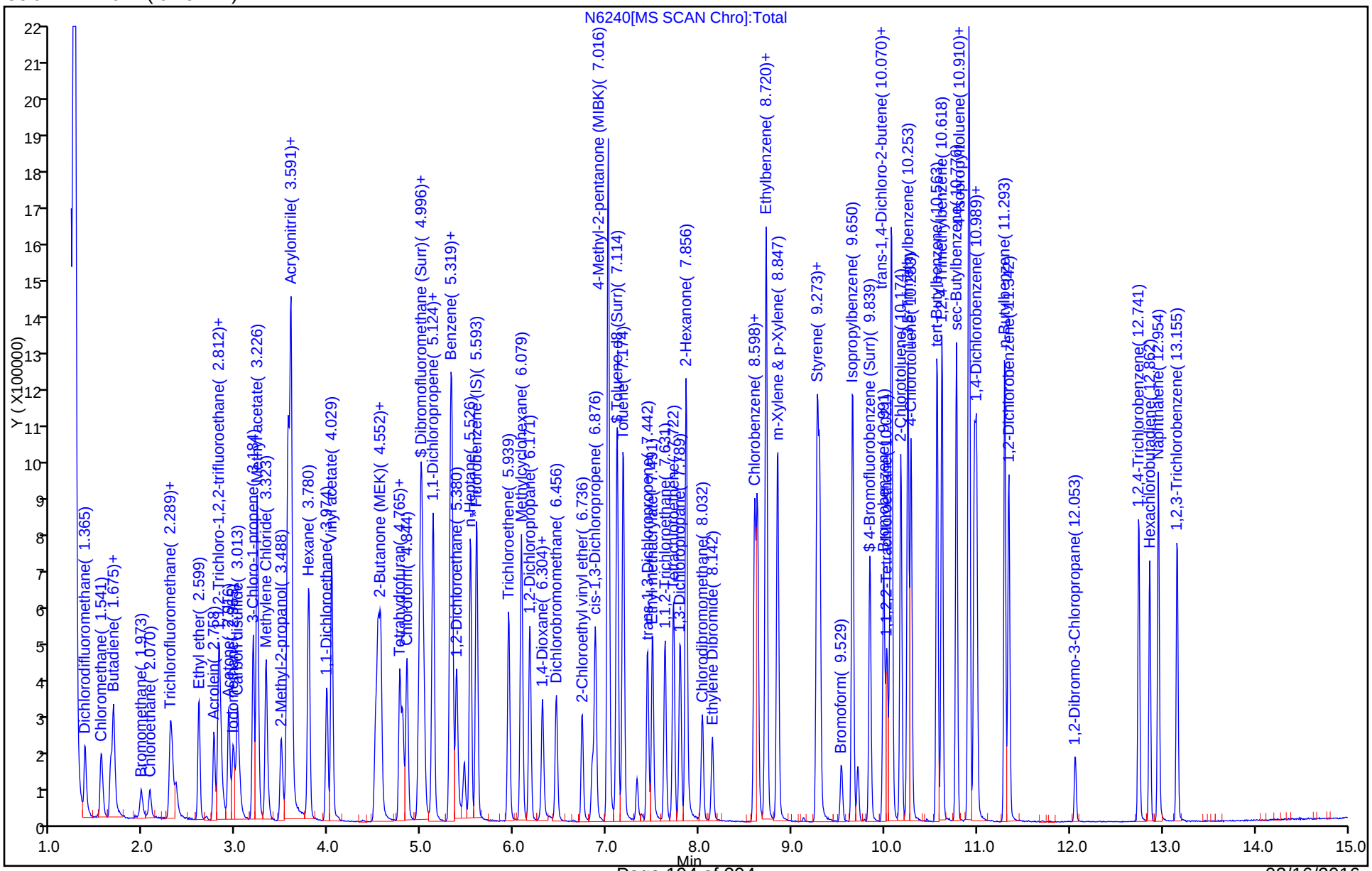
Report Date: 04-Jan-2016 10:34:20 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6240.D

Injection Date:	04-Jan-2016 10:07:30	Instrument ID:	HP5973N	Operator ID:	LH/RR
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282244/2 Calibration Date: 01/04/2016 22:13

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6266.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.287	1.572	0.1000	30.5	25.0	22.1	50.0
Chloromethane	Ave	1.845	1.723	0.1000	23.3	25.0	-6.6	20.0
Vinyl chloride	Ave	1.308	1.236	0.1000	23.6	25.0	-5.5	20.0
Butadiene	Ave	1.339	1.201		22.4	25.0	-10.3	20.0
Bromomethane	Ave	0.4889	0.5057	0.1000	25.9	25.0	3.4	50.0
Chloroethane	Ave	0.6181	0.5717	0.1000	23.1	25.0	-7.5	50.0
Dichlorofluoromethane	Ave	1.644	1.611		24.5	25.0	-2.0	20.0
Trichlorofluoromethane	Ave	1.404	1.739	0.1000	30.9	25.0	23.8*	20.0
Ethyl ether	Ave	1.363	1.290		23.7	25.0	-5.4	20.0
Acrolein	Ave	0.3479	0.2828		102	125	-18.7	50.0
1,1-Dichloroethene	Ave	1.191	1.136	0.1000	23.8	25.0	-4.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.057	1.056	0.1000	25.0	25.0	-0.1	20.0
Acetone	Ave	0.5965	0.7775	0.1000	163	125	30.3	50.0
Iodomethane	Ave	1.890	1.899		25.1	25.0	0.5	20.0
Carbon disulfide	Ave	3.767	3.369	0.1000	22.4	25.0	-10.6	20.0
Allyl chloride	Ave	3.023	2.546		21.1	25.0	-15.8	20.0
Methyl acetate	Ave	1.673	1.513	0.1000	113	125	-9.5	50.0
Methylene Chloride	Ave	1.362	1.256	0.1000	23.1	25.0	-7.8	20.0
2-Methyl-2-propanol	Ave	0.1537	0.2092		340	250	36.2	50.0
Methyl tert-butyl ether	Ave	4.405	4.039	0.1000	22.9	25.0	-8.3	20.0
trans-1,2-Dichloroethene	Ave	1.272	1.247	0.1000	24.5	25.0	-1.9	20.0
Acrylonitrile	Ave	0.7356	0.6944		236	250	-5.6	20.0
Hexane	Ave	2.349	2.014		21.4	25.0	-14.3	20.0
1,1-Dichloroethane	Ave	2.456	2.357	0.2000	24.0	25.0	-4.0	20.0
Vinyl acetate	Ave	3.598	3.330		46.3	50.0	-7.5	20.0
2,2-Dichloropropane	Ave	1.219	1.249		25.6	25.0	2.5	20.0
cis-1,2-Dichloroethene	Ave	1.363	1.345	0.1000	24.7	25.0	-1.4	20.0
2-Butanone (MEK)	Ave	0.9923	0.9725	0.1000	123	125	-2.0	20.0
Chlorobromomethane	Ave	0.7255	0.7441		25.6	25.0	2.6	20.0
Tetrahydrofuran	Ave	0.7546	0.6436		42.6	50.0	-14.7	20.0
Chloroform	Ave	2.148	2.208	0.2000	25.7	25.0	2.8	20.0
1,1,1-Trichloroethane	Ave	1.698	1.727	0.1000	25.4	25.0	1.7	20.0
Cyclohexane	Ave	2.513	2.204	0.1000	21.9	25.0	-12.3	20.0
Carbon tetrachloride	Ave	1.514	1.668	0.1000	27.5	25.0	10.2	20.0
1,1-Dichloropropene	Ave	1.728	1.715		24.8	25.0	-0.8	20.0
Isobutyl alcohol	Ave	0.1018	0.0879		540	625	-13.6	50.0
Benzene	Ave	4.918	4.762	0.5000	24.2	25.0	-3.2	20.0
1,2-Dichloroethane	Ave	1.960	1.979	0.1000	25.3	25.0	1.0	20.0
n-Heptane	Ave	2.756	2.336		21.2	25.0	-15.2	20.0
Trichloroethene	Ave	1.228	1.266	0.2000	25.8	25.0	3.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282244/2 Calibration Date: 01/04/2016 22:13

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6266.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.338	2.184	0.1000	23.4	25.0	-6.6	20.0
1,2-Dichloropropane	Ave	1.263	1.219	0.1000	24.1	25.0	-3.5	20.0
Dibromomethane	Ave	0.7286	0.7856	0.1000	27.0	25.0	7.8	20.0
1,4-Dioxane	Lin1		0.0037		475	500	-5.1	50.0
Bromodichloromethane	Ave	1.454	1.551	0.2000	26.7	25.0	6.7	20.0
2-Chloroethyl vinyl ether	Ave	0.7727	0.7515		24.3	25.0	-2.7	20.0
cis-1,3-Dichloropropene	Ave	1.817	1.917	0.2000	26.4	25.0	5.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1852	0.1610	0.1000	109	125	-13.1	20.0
Toluene	Ave	0.8908	0.7935	0.4000	22.3	25.0	-10.9	20.0
trans-1,3-Dichloropropene	Ave	0.4610	0.4378	0.1000	23.7	25.0	-5.0	20.0
Ethyl methacrylate	Ave	0.4528	0.3921		21.6	25.0	-13.4	20.0
1,1,2-Trichloroethane	Ave	0.2450	0.2212	0.1000	22.6	25.0	-9.7	20.0
Tetrachloroethene	Ave	0.3951	0.3482	0.2000	22.0	25.0	-11.9	20.0
1,3-Dichloropropane	Ave	0.5191	0.4745		22.9	25.0	-8.6	20.0
2-Hexanone	Ave	0.3520	0.3273	0.1000	116	125	-7.0	20.0
Dibromochloromethane	Ave	0.3047	0.3215	0.1000	26.4	25.0	5.5	20.0
1,2-Dibromoethane	Ave	0.2936	0.2883		24.5	25.0	-1.8	20.0
Chlorobenzene	Ave	0.9594	0.9096	0.5000	23.7	25.0	-5.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3395	0.3309		24.4	25.0	-2.5	20.0
Ethylbenzene	Ave	1.610	1.440	0.1000	22.4	25.0	-10.5	20.0
m,p-Xylene	Ave	0.6286	0.5878	0.1000	23.4	25.0	-6.5	20.0
o-Xylene	Ave	0.6433	0.5869	0.3000	22.8	25.0	-8.8	20.0
Styrene	Ave	0.9815	0.9412	0.3000	24.0	25.0	-4.1	20.0
Bromoform	Ave	0.1746	0.1693	0.1000	24.2	25.0	-3.0	50.0
Isopropylbenzene	Ave	3.142	2.908	0.1000	23.1	25.0	-7.4	20.0
Bromobenzene	Ave	0.7860	0.7584		24.1	25.0	-3.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8148	0.7272	0.3000	22.3	25.0	-10.7	20.0
1,2,3-Trichloropropane	Ave	0.2489	0.2559		25.7	25.0	2.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2770	0.2555		23.1	25.0	-7.8	50.0
N-Propylbenzene	Ave	3.591	3.298		23.0	25.0	-8.2	20.0
2-Chlorotoluene	Ave	0.7517	0.7326		24.4	25.0	-2.5	20.0
1,3,5-Trimethylbenzene	Ave	2.588	2.392		23.1	25.0	-7.6	20.0
4-Chlorotoluene	Ave	2.522	2.273		22.5	25.0	-9.8	20.0
tert-Butylbenzene	Ave	0.6275	0.5801		23.1	25.0	-7.5	20.0
1,2,4-Trimethylbenzene	Ave	2.572	2.461		23.9	25.0	-4.3	20.0
sec-Butylbenzene	Ave	3.319	3.073		23.1	25.0	-7.4	20.0
1,3-Dichlorobenzene	Ave	1.490	1.390	0.6000	23.3	25.0	-6.7	20.0
4-Isopropyltoluene	Ave	2.876	2.702		23.5	25.0	-6.0	20.0
1,4-Dichlorobenzene	Ave	1.537	1.358	0.5000	22.1	25.0	-11.6	20.0
n-Butylbenzene	Ave	2.430	2.230		22.9	25.0	-8.3	20.0
1,2-Dichlorobenzene	Ave	1.445	1.327	0.4000	23.0	25.0	-8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282244/2 Calibration Date: 01/04/2016 22:13

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6266.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1455	0.1450	0.0500	24.9	25.0	-0.3	50.0
1,2,4-Trichlorobenzene	Ave	0.9195	0.8384	0.2000	22.8	25.0	-8.8	20.0
Hexachlorobutadiene	Ave	0.5022	0.4219		21.0	25.0	-16.0	20.0
Naphthalene	Ave	2.507	2.395		23.9	25.0	-4.5	20.0
1,2,3-Trichlorobenzene	Ave	0.8416	0.7759		23.1	25.0	-7.8	20.0
Dibromofluoromethane (Surr)	Ave	1.188	1.436		30.2	25.0	20.8*	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.499	1.776		29.6	25.0	18.5	20.0
Toluene-d8 (Surr)	Ave	1.297	1.309		25.2	25.0	0.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4269	0.4050		23.7	25.0	-5.1	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6266.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Jan-2016 22:13:30 ALS Bottle#: 57 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0049715-002
Operator ID: SO Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 09:44:34 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: o'briens Date: 04-Jan-2016 22:34:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	124676	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	85	482881	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	248819	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	91	178984	25.0	30.2	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	221467	25.0	29.6	
$ 6 Toluene-d8 (Surr)	98	7.114	7.114	0.000	93	631905	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	91	195574	25.0	23.7	
11 Dichlorodifluoromethane	85	1.371	1.371	0.000	99	195944	25.0	30.5	
13 Chloromethane	50	1.535	1.535	0.000	98	214869	25.0	23.3	
14 Vinyl chloride	62	1.644	1.644	0.000	98	154139	25.0	23.6	
144 Butadiene	54	1.675	1.675	0.000	98	149675	25.0	22.4	
15 Bromomethane	94	1.973	1.973	0.000	93	63053	25.0	25.9	
16 Chloroethane	64	2.076	2.076	0.000	95	71277	25.0	23.1	
17 Dichlorofluoromethane	67	2.295	2.295	0.000	97	200845	25.0	24.5	
18 Trichlorofluoromethane	101	2.308	2.308	0.000	98	216750	25.0	30.9	
19 Ethyl ether	59	2.600	2.600	0.000	96	160804	25.0	23.7	
20 Acrolein	56	2.764	2.764	0.000	99	176290	125.0	101.6	
22 1,1-Dichloroethene	96	2.819	2.819	0.000	95	141570	25.0	23.8	
21 1,1,2-Trichloro-1,2,2-trif	101	2.831	2.831	0.000	92	131598	25.0	25.0	
23 Acetone	43	2.916	2.916	0.000	98	484673	125.0	162.9	
24 Iodomethane	142	2.977	2.977	0.000	100	236756	25.0	25.1	
25 Carbon disulfide	76	3.019	3.019	0.000	100	419993	25.0	22.4	
27 3-Chloro-1-propene	41	3.184	3.184	0.000	88	317401	25.0	21.1	
28 Methyl acetate	43	3.226	3.226	0.000	99	943400	125.0	113.1	
30 Methylene Chloride	84	3.323	3.323	0.000	97	156649	25.0	23.1	
31 2-Methyl-2-propanol	59	3.482	3.482	0.000	95	260837	250.0	340.4	
32 Methyl tert-butyl ether	73	3.555	3.555	0.000	98	503566	25.0	22.9	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	95	155456	25.0	24.5	
34 Acrylonitrile	53	3.591	3.591	0.000	98	865734	250.0	236.0	
35 Hexane	57	3.786	3.786	0.000	95	251106	25.0	21.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.981	3.981	0.000	97	293880	25.0	24.0	
39 Vinyl acetate	43	4.029	4.029	0.000	97	830280	50.0	46.3	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	92	155735	25.0	25.6	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	84	167646	25.0	24.7	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	99	606244	125.0	122.5	
47 Chlorobromomethane	128	4.771	4.771	0.000	97	92775	25.0	25.6	
49 Tetrahydrofuran	42	4.796	4.796	0.000	92	160488	50.0	42.6	
50 Chloroform	83	4.844	4.844	0.000	96	275260	25.0	25.7	
51 1,1,1-Trichloroethane	97	4.972	4.972	0.000	98	215273	25.0	25.4	
52 Cyclohexane	56	4.996	4.996	0.000	96	274766	25.0	21.9	
53 Carbon tetrachloride	117	5.118	5.118	0.000	97	207965	25.0	27.5	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	90	213801	25.0	24.8	
56 Isobutyl alcohol	43	5.313	5.313	0.000	93	274060	625.0	540.0	
55 Benzene	78	5.331	5.331	0.000	98	593714	25.0	24.2	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	246769	25.0	25.3	
59 n-Heptane	43	5.532	5.532	0.000	97	291228	25.0	21.2	
60 Trichloroethene	95	5.939	5.939	0.000	95	157873	25.0	25.8	
62 Methylcyclohexane	83	6.079	6.079	0.000	95	272230	25.0	23.4	
63 1,2-Dichloropropane	63	6.171	6.171	0.000	87	151955	25.0	24.1	
64 Dibromomethane	93	6.304	6.304	0.000	95	97945	25.0	27.0	
66 1,4-Dioxane	88	6.311	6.311	0.000	34	35934	500.0	474.5	
67 Dichlorobromomethane	83	6.457	6.457	0.000	97	193420	25.0	26.7	
69 2-Chloroethyl vinyl ether	63	6.736	6.736	0.000	93	93698	25.0	24.3	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	91	239018	25.0	26.4	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	99	388658	125.0	108.7	
73 Toluene	92	7.180	7.180	0.000	99	383186	25.0	22.3	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	98	211401	25.0	23.7	
77 Ethyl methacrylate	69	7.497	7.497	0.000	95	189314	25.0	21.6	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	94	106802	25.0	22.6	
79 Tetrachloroethene	166	7.722	7.722	0.000	95	168139	25.0	22.0	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	97	229108	25.0	22.9	
82 2-Hexanone	43	7.856	7.856	0.000	98	790137	125.0	116.2	
83 Chlorodibromomethane	129	8.032	8.032	0.000	91	155242	25.0	26.4	
84 Ethylene Dibromide	107	8.142	8.142	0.000	97	139216	25.0	24.5	
85 Chlorobenzene	112	8.628	8.628	0.000	96	439226	25.0	23.7	
88 Ethylbenzene	91	8.720	8.720	0.000	99	695469	25.0	22.4	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	94	159771	25.0	24.4	
90 m-Xylene & p-Xylene	106	8.841	8.841	0.000	0	283829	25.0	23.4	
91 o-Xylene	106	9.273	9.273	0.000	97	283410	25.0	22.8	
92 Styrene	104	9.298	9.298	0.000	96	454498	25.0	24.0	
93 Bromoform	173	9.535	9.535	0.000	95	81752	25.0	24.2	
95 Isopropylbenzene	105	9.650	9.650	0.000	96	723656	25.0	23.1	
97 Bromobenzene	156	9.991	9.991	0.000	92	188712	25.0	24.1	
98 1,1,2,2-Tetrachloroethane	83	10.021	10.021	0.000	96	180948	25.0	22.3	
99 1,2,3-Trichloropropane	110	10.058	10.058	0.000	90	63683	25.0	25.7	
101 trans-1,4-Dichloro-2-buten	53	10.070	10.070	0.000	71	63567	25.0	23.1	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	820598	25.0	23.0	
102 2-Chlorotoluene	126	10.174	10.174	0.000	97	182289	25.0	24.4	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	97	595211	25.0	23.1	
105 4-Chlorotoluene	91	10.283	10.283	0.000	97	565616	25.0	22.5	
106 tert-Butylbenzene	134	10.569	10.569	0.000	93	144347	25.0	23.1	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	612325	25.0	23.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	764678	25.0	23.1	
110 1,3-Dichlorobenzene	146	10.904	10.904	0.000	98	345949	25.0	23.3	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	672365	25.0	23.5	
113 1,4-Dichlorobenzene	146	10.989	10.989	0.000	94	337818	25.0	22.1	
115 n-Butylbenzene	91	11.293	11.293	0.000	97	554800	25.0	22.9	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	97	330241	25.0	23.0	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	83	36087	25.0	24.9	
119 1,2,4-Trichlorobenzene	180	12.741	12.741	0.000	95	208598	25.0	22.8	
120 Hexachlorobutadiene	225	12.863	12.863	0.000	97	104981	25.0	21.0	
121 Naphthalene	128	12.954	12.954	0.000	97	595875	25.0	23.9	
122 1,2,3-Trichlorobenzene	180	13.161	13.161	0.000	96	193067	25.0	23.1	

Reagents:

8260 CORP mix_00062	Amount Added: 12.50	Units: uL	
GAS CORP mix_00129	Amount Added: 12.50	Units: uL	
N 8260 IS_00012	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added: 1.00	Units: uL	Run Reagent

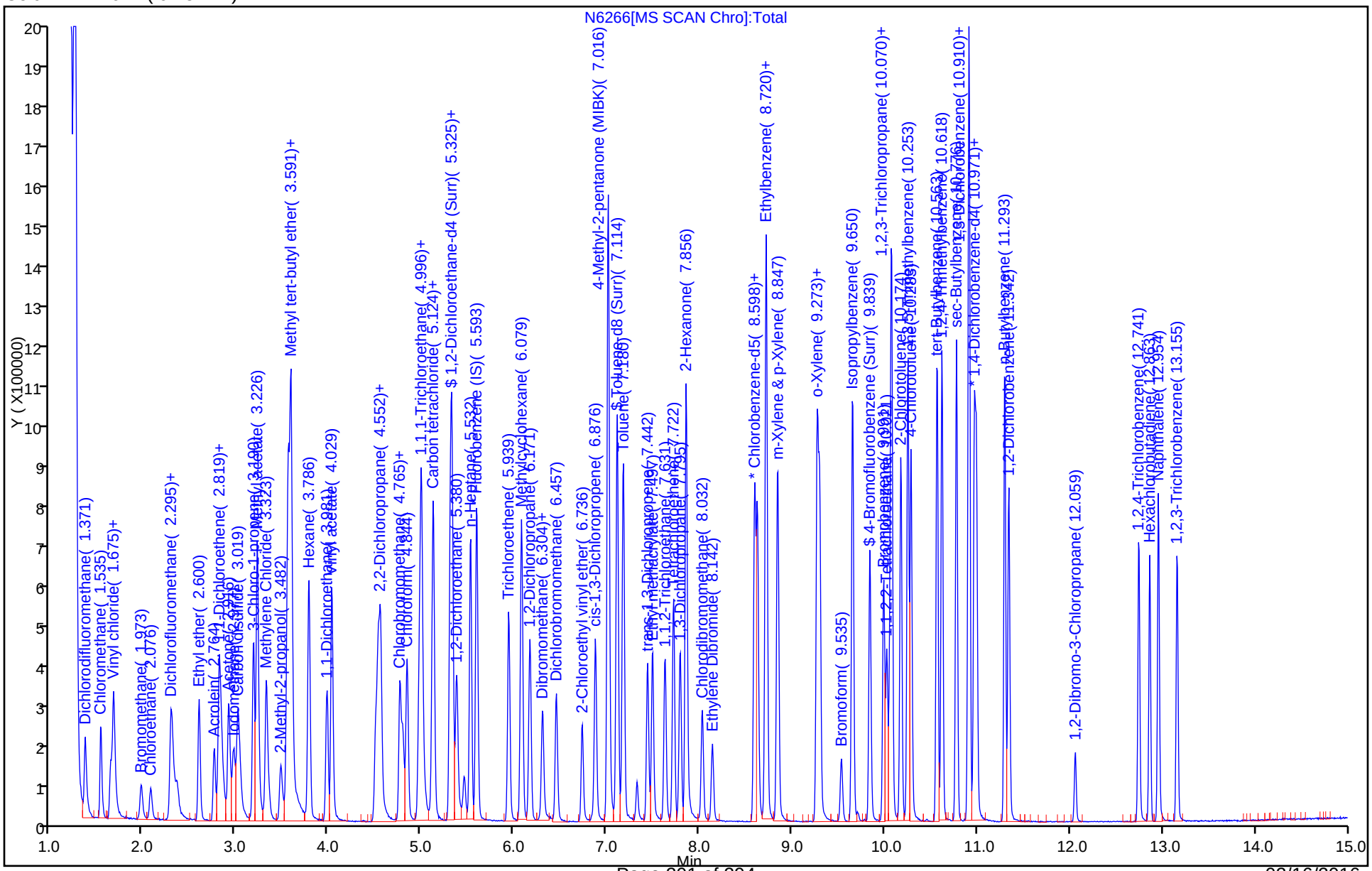
Report Date: 05-Jan-2016 09:44:35 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6266.D

Injection Date:	04-Jan-2016 22:13:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	57
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCV 480-282244/3 Calibration Date: 01/04/2016 22:40

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6267.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	1.188	1.358		28.6	25.0	14.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.499	1.744		29.1	25.0	16.3	20.0
Toluene-d8 (Surr)	Ave	1.297	1.334		25.7	25.0	2.8	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4269	0.3982		23.3	25.0	-6.7	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6267.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 04-Jan-2016 22:40:30 ALS Bottle#: 58 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCV
Misc. Info.: 480-0049715-003
Operator ID: SO Instrument ID: HP5973N
Sublist: chrom-N-8260*sub44

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 09:45:07 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: o'briens Date: 04-Jan-2016 23:41:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	127184	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	461297	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	97	237069	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	172701	25.0	28.6	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	221773	25.0	29.1	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	94	615405	25.0	25.7	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	183680	25.0	23.3	
12 Chlorodifluoromethane	51	1.389	1.389	0.000	97	96878	25.0	18.0	
141 Ethanol	45	2.581	2.581	0.000	99	87887	1000.0	1237.5	M
81 Propene oxide	58	2.672	2.672	0.000	96	276100	NC	NC	
26 Isopropyl alcohol	45	3.098	3.098	0.000	97	105987	250.0	266.6	
29 Acetonitrile	40	3.214	3.214	0.000	99	181174	250.0	228.5	
37 Isopropyl ether	45	4.011	4.011	0.000	94	612123	25.0	21.8	
38 2-Chloro-1,3-butadiene	53	4.047	4.047	0.000	94	245329	25.0	20.2	
40 1,1-Dimethoxyethane	75	4.072	4.072	0.000	96	189847	125.0	113.2	
41 Tert-butyl ethyl ether	59	4.351	4.351	0.000	97	537784	25.0	23.0	
45 Ethyl acetate	43	4.601	4.601	0.000	99	404877	50.0	42.0	
46 Propionitrile	54	4.643	4.643	0.000	99	311302	250.0	235.7	
48 Methacrylonitrile	67	4.765	4.765	0.000	96	776387	250.0	232.6	
146 Isooctane	57	5.349	5.349	0.000	95	476441	25.0	19.8	
140 t-Amyl alcohol	59	5.380	5.380	0.000	72	203044	250.0	230.3	
58 Tert-amyl methyl ether	73	5.410	5.410	0.000	96	577506	25.0	23.4	
1 1,4-Difluorobenzene	114	5.702	5.702	0.000	94	453877	25.0	22.9	
61 n-Butanol	56	5.933	5.933	0.000	96	113195	625.0	583.0	
145 Ethyl acrylate	55	6.049	6.049	0.000	99	228048	25.0	23.3	
65 Methyl methacrylate	41	6.268	6.268	0.000	94	369600	50.0	43.3	
68 2-Nitropropane	43	6.688	6.688	0.000	98	109328	50.0	35.7	
70 Epichlorohydrin	57	6.821	6.821	0.000	99	208013	250.0	250.3	
74 2-Methylthiophene	97	7.314	7.314	0.000	98	496620	25.0	23.0	
76 3-Methylthiophene	97	7.478	7.478	0.000	99	499052	25.0	23.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
149 n-Butyl acetate	43	7.977	7.977	0.000	97	260966	25.0	19.7	
139 1-Chlorohexane	55	8.580	8.580	0.000	90	132258	25.0	19.6	
86 3-Chlorobenzotrifluoride	180	8.592	8.592	0.000	91	204061	25.0	20.1	
87 4-Chlorobenzotrifluoride	180	8.653	8.653	0.000	98	186822	25.0	20.0	
94 2-Chlorobenzotrifluoride	180	9.565	9.565	0.000	94	208603	25.0	20.8	
96 Cyclohexanone	55	9.802	9.802	0.000	96	74597	250.0	251.5	
103 3-Chlorotoluene	126	10.234	10.234	0.000	96	180197	25.0	24.9	
107 Pentachloroethane	167	10.611	10.611	0.000	88	87177	25.0	26.0	
112 Dicyclopentadiene	66	10.983	10.983	0.000	97	643171	25.0	20.1	
114 1,2,3-Trimethylbenzene	105	11.025	11.025	0.000	98	612886	25.0	25.5	
143 Benzyl chloride	126	11.129	11.129	0.000	99	82938	25.0	33.2	
118 1,3,5-Trichlorobenzene	180	12.205	12.205	0.000	97	233143	25.0	24.8	
142 2-Methylnaphthalene	142	13.872	13.872	0.000	92	283336	25.0	24.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

3MTP_WRK_00052	Amount Added:	12.50	Units: uL	
2MTP_WRK_00050	Amount Added:	12.50	Units: uL	
ADD CORP mix_00042	Amount Added:	12.50	Units: uL	
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

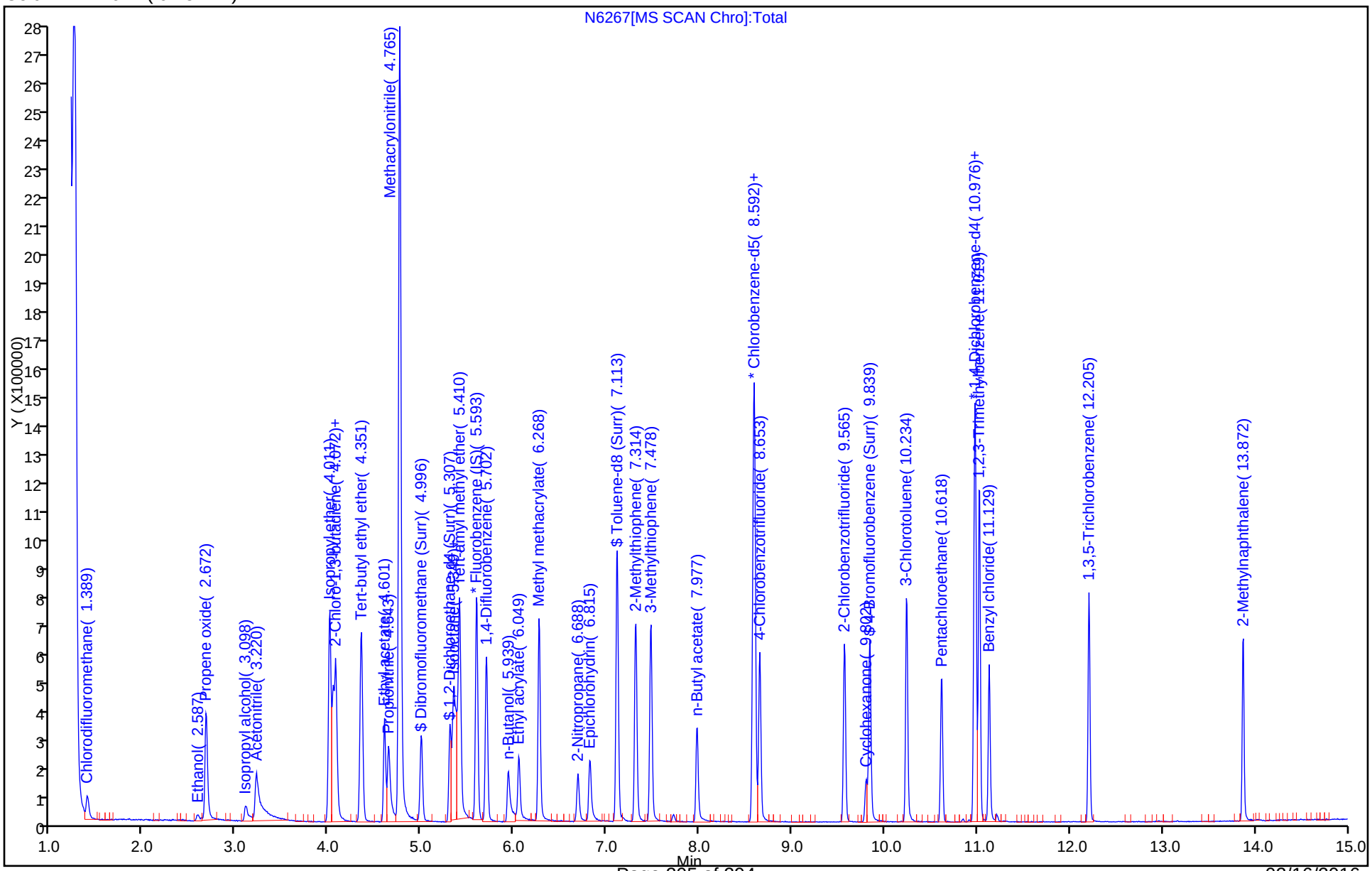
Report Date: 05-Jan-2016 09:45:10 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6267.D

Injection Date:	04-Jan-2016 22:40:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	CCV			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCV 480-282244/3 Calibration Date: 01/04/2016 22:40

Instrument ID: HP5973N Calib Start Date: 12/23/2015 01:52

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/23/2015 04:34

Lab File ID: N6267.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodifluoromethane	Ave	1.059	0.7617		18.0	25.0	-28.1*	20.0
Ethanol	Ave	0.0140	0.0173		1240	1000	23.8*	20.0
Isopropyl alcohol	Ave	0.0781	0.0833		267	250	6.6	20.0
Acetonitrile	Lin1		0.1425		229	250	-8.6	20.0
Isopropyl ether	Ave	5.519	4.813		21.8	25.0	-12.8	20.0
Chloroprene	Ave	2.384	1.929		20.2	25.0	-19.1	20.0
1,1-Dimethoxyethane	Ave	0.3297	0.2985		113	125	-9.5	20.0
Tert-butyl ethyl ether	Ave	4.587	4.228		23.0	25.0	-7.8	20.0
Ethyl acetate	Ave	1.895	1.592		42.0	50.0	-16.0	20.0
Propionitrile	Ave	0.2596	0.2448		236	250	-5.7	20.0
Methacrylonitrile	Ave	0.6562	0.6104		233	250	-7.0	20.0
Isooctane	Ave	4.732	3.746		19.8	25.0	-20.8*	20.0
t-Amyl alcohol	Ave	0.1733	0.1597		230	250	-7.9	20.0
Tert-amyl methyl ether	Ave	4.852	4.541		23.4	25.0	-6.4	20.0
1,4-Difluorobenzene	Ave	3.890	3.569		22.9	25.0	-8.3	20.0
n-Butanol	Lin1		0.0356		583	625	-6.7	20.0
Ethyl acrylate	Ave	1.922	1.793		23.3	25.0	-6.7	20.0
Methyl methacrylate	Ave	1.678	1.453		43.3	50.0	-13.4	20.0
2-Nitropropane	Ave	0.3227	0.2306		35.7	50.0	-28.5*	20.0
Epichlorohydrin	Ave	0.1633	0.1636		250	250	0.1	20.0
2-Methylthiophene	Ave	2.275	2.095		23.0	25.0	-7.9	20.0
3-Methylthiophene	Ave	2.218	2.105		23.7	25.0	-5.1	20.0
n-Butyl acetate	Ave	0.7170	0.5657	0.1000	19.7	25.0	-21.1*	20.0
1-Chlorohexane	Lin1		0.2867		19.6	25.0	-21.7*	20.0
3-Chlorobenzotrifluoride	Ave	1.071	0.8608		20.1	25.0	-19.6	20.0
4-Chlorobenzotrifluoride	Ave	0.9827	0.7881		20.0	25.0	-19.8	20.0
2-Chlorobenzotrifluoride	Ave	1.057	0.8799		20.8	25.0	-16.8	20.0
Cyclohexanone	Lin1		0.0315		252	250	0.6	20.0
3-Chlorotoluene	Ave	0.7623	0.7601		24.9	25.0	-0.3	20.0
Pentachloroethane	Ave	0.3533	0.3677		26.0	25.0	4.1	20.0
Dicyclopentadiene	Ave	3.369	2.713		20.1	25.0	-19.5	20.0
1,2,3-Trimethylbenzene	Ave	2.533	2.585		25.5	25.0	2.1	20.0
Benzyl chloride	Ave	0.1353	0.1798		33.2	25.0	32.9*	20.0
1,3,5-Trichlorobenzene	Ave	0.9933	0.9834		24.8	25.0	-1.0	20.0
2-Methylnaphthalene	Ave	1.218	1.195		24.5	25.0	-1.9	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6267.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 04-Jan-2016 22:40:30 ALS Bottle#: 58 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCV
Misc. Info.: 480-0049715-003
Operator ID: SO Instrument ID: HP5973N
Sublist: chrom-N-8260*sub44

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 09:45:07 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: o'briens Date: 04-Jan-2016 23:41:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	127184	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	461297	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	97	237069	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	172701	25.0	28.6	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	221773	25.0	29.1	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	94	615405	25.0	25.7	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	183680	25.0	23.3	
12 Chlorodifluoromethane	51	1.389	1.389	0.000	97	96878	25.0	18.0	
141 Ethanol	45	2.581	2.581	0.000	99	87887	1000.0	1237.5	M
81 Propene oxide	58	2.672	2.672	0.000	96	276100	NC	NC	
26 Isopropyl alcohol	45	3.098	3.098	0.000	97	105987	250.0	266.6	
29 Acetonitrile	40	3.214	3.214	0.000	99	181174	250.0	228.5	
37 Isopropyl ether	45	4.011	4.011	0.000	94	612123	25.0	21.8	
38 2-Chloro-1,3-butadiene	53	4.047	4.047	0.000	94	245329	25.0	20.2	
40 1,1-Dimethoxyethane	75	4.072	4.072	0.000	96	189847	125.0	113.2	
41 Tert-butyl ethyl ether	59	4.351	4.351	0.000	97	537784	25.0	23.0	
45 Ethyl acetate	43	4.601	4.601	0.000	99	404877	50.0	42.0	
46 Propionitrile	54	4.643	4.643	0.000	99	311302	250.0	235.7	
48 Methacrylonitrile	67	4.765	4.765	0.000	96	776387	250.0	232.6	
146 Isooctane	57	5.349	5.349	0.000	95	476441	25.0	19.8	
140 t-Amyl alcohol	59	5.380	5.380	0.000	72	203044	250.0	230.3	
58 Tert-amyl methyl ether	73	5.410	5.410	0.000	96	577506	25.0	23.4	
1 1,4-Difluorobenzene	114	5.702	5.702	0.000	94	453877	25.0	22.9	
61 n-Butanol	56	5.933	5.933	0.000	96	113195	625.0	583.0	
145 Ethyl acrylate	55	6.049	6.049	0.000	99	228048	25.0	23.3	
65 Methyl methacrylate	41	6.268	6.268	0.000	94	369600	50.0	43.3	
68 2-Nitropropane	43	6.688	6.688	0.000	98	109328	50.0	35.7	
70 Epichlorohydrin	57	6.821	6.821	0.000	99	208013	250.0	250.3	
74 2-Methylthiophene	97	7.314	7.314	0.000	98	496620	25.0	23.0	
76 3-Methylthiophene	97	7.478	7.478	0.000	99	499052	25.0	23.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
149 n-Butyl acetate	43	7.977	7.977	0.000	97	260966	25.0	19.7	
139 1-Chlorohexane	55	8.580	8.580	0.000	90	132258	25.0	19.6	
86 3-Chlorobenzotrifluoride	180	8.592	8.592	0.000	91	204061	25.0	20.1	
87 4-Chlorobenzotrifluoride	180	8.653	8.653	0.000	98	186822	25.0	20.0	
94 2-Chlorobenzotrifluoride	180	9.565	9.565	0.000	94	208603	25.0	20.8	
96 Cyclohexanone	55	9.802	9.802	0.000	96	74597	250.0	251.5	
103 3-Chlorotoluene	126	10.234	10.234	0.000	96	180197	25.0	24.9	
107 Pentachloroethane	167	10.611	10.611	0.000	88	87177	25.0	26.0	
112 Dicyclopentadiene	66	10.983	10.983	0.000	97	643171	25.0	20.1	
114 1,2,3-Trimethylbenzene	105	11.025	11.025	0.000	98	612886	25.0	25.5	
143 Benzyl chloride	126	11.129	11.129	0.000	99	82938	25.0	33.2	
118 1,3,5-Trichlorobenzene	180	12.205	12.205	0.000	97	233143	25.0	24.8	
142 2-Methylnaphthalene	142	13.872	13.872	0.000	92	283336	25.0	24.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

3MTP_WRK_00052	Amount Added:	12.50	Units: uL	
2MTP_WRK_00050	Amount Added:	12.50	Units: uL	
ADD CORP mix_00042	Amount Added:	12.50	Units: uL	
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

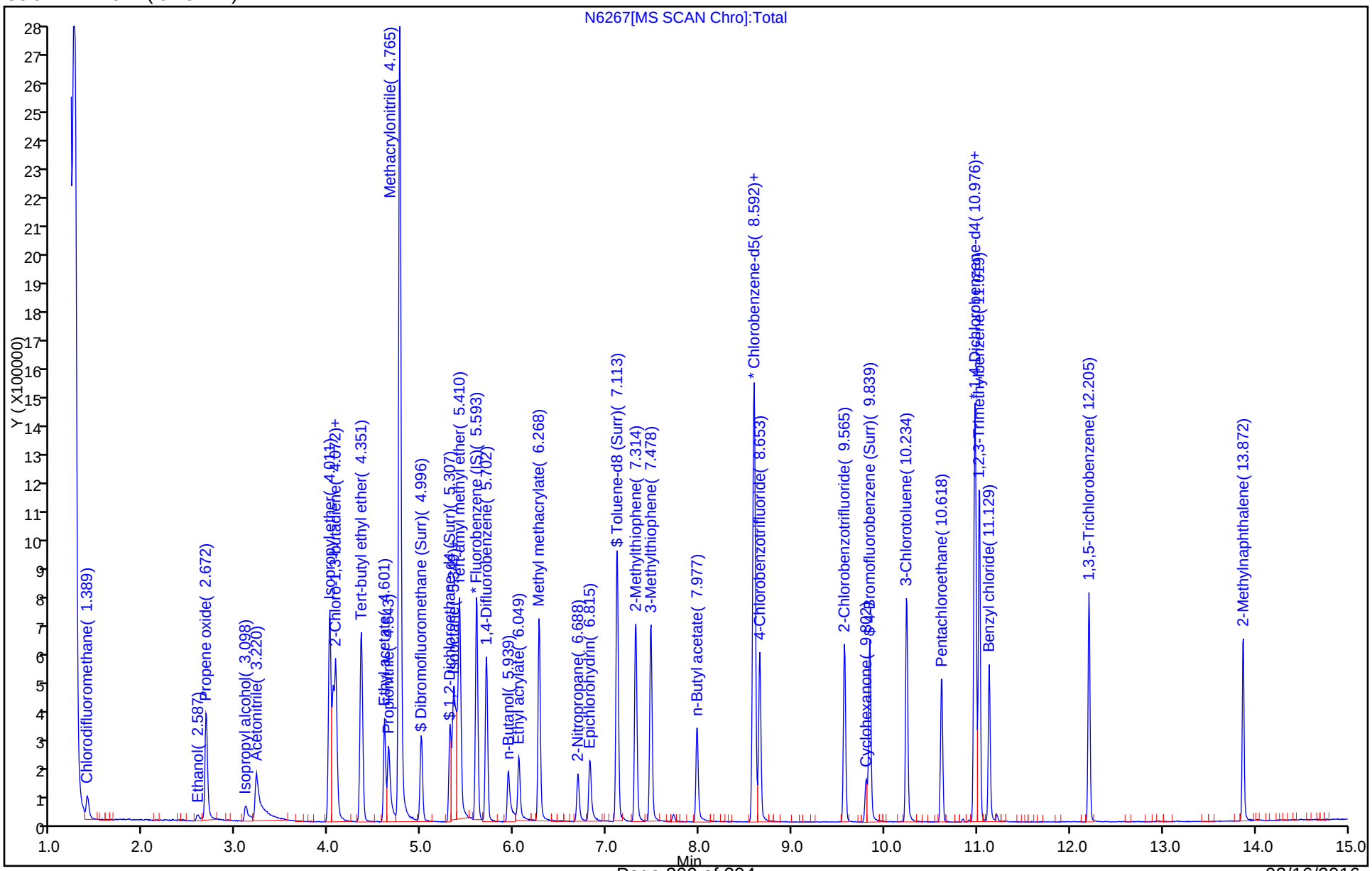
Report Date: 05-Jan-2016 09:45:10 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6267.D

Injection Date:	04-Jan-2016 22:40:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	CCV			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

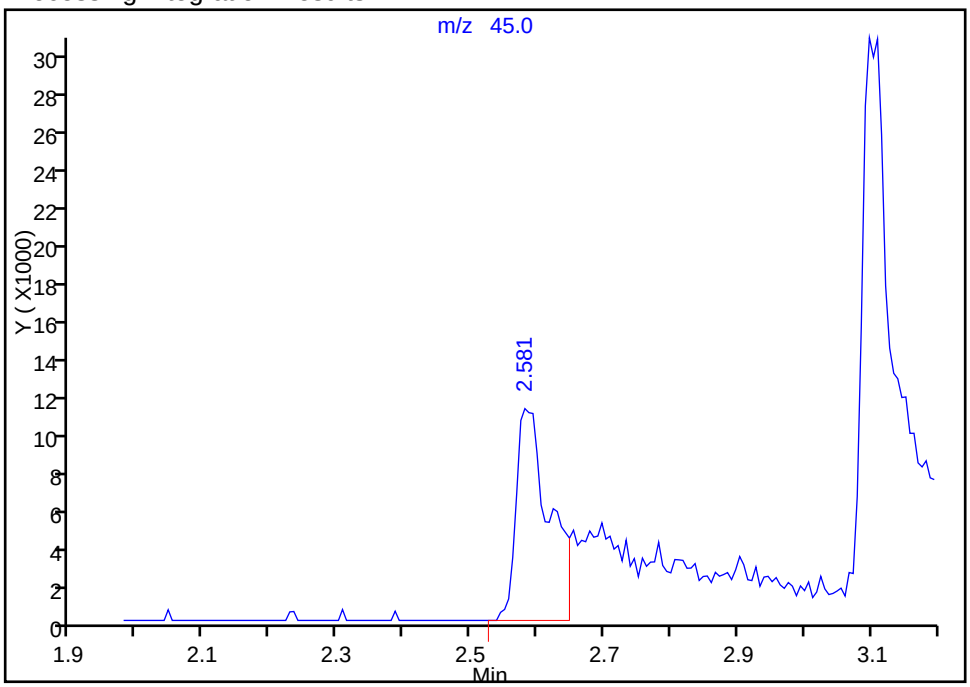
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6267.D
Injection Date: 04-Jan-2016 22:40:30 Instrument ID: HP5973N
Lims ID: CCV
Client ID:
Operator ID: SO ALS Bottle#: 58 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

141 Ethanol, CAS: 64-17-5

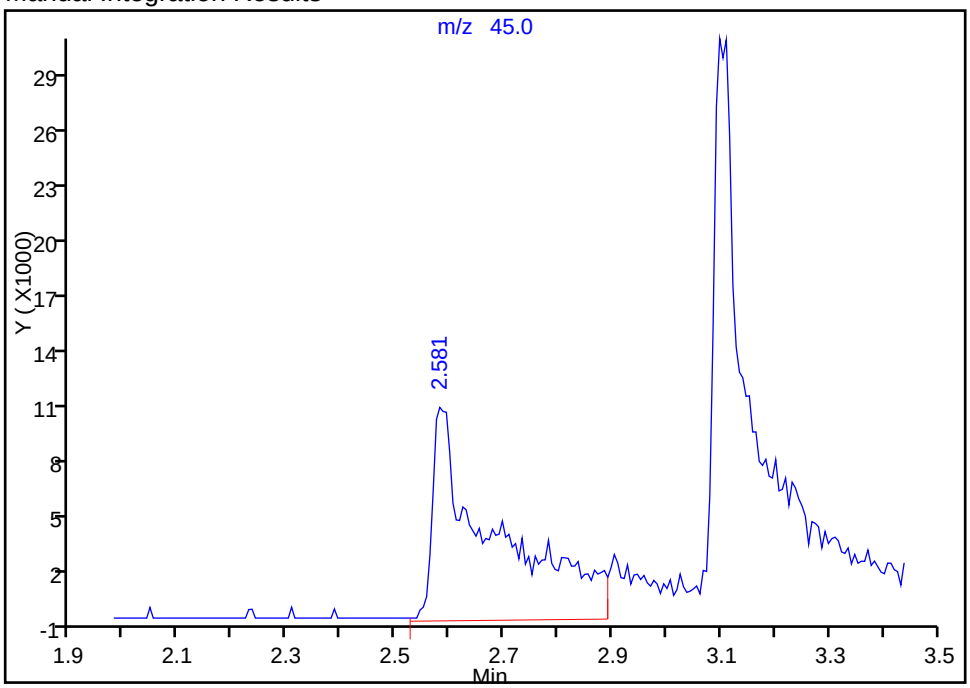
Processing Integration Results

RT: 2.58
Area: 38311
Amount: 539.4588
Amount Units: ug/L



Manual Integration Results

RT: 2.58
Area: 87887
Amount: 1237.5406
Amount Units: ug/L



Reviewer: o'briens, 04-Jan-2016 23:41:42
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282302/2 Calibration Date: 01/05/2016 11:17

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6297.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.287	1.454	0.1000	28.2	25.0	13.0	50.0
Chloromethane	Ave	1.845	1.698	0.1000	23.0	25.0	-8.0	20.0
Vinyl chloride	Ave	1.308	1.206	0.1000	23.0	25.0	-7.8	20.0
Butadiene	Ave	1.339	1.228		22.9	25.0	-8.3	20.0
Bromomethane	Ave	0.4889	0.4940	0.1000	25.3	25.0	1.0	50.0
Chloroethane	Ave	0.6181	0.5599	0.1000	22.6	25.0	-9.4	50.0
Dichlorofluoromethane	Ave	1.644	1.617		24.6	25.0	-1.6	20.0
Trichlorofluoromethane	Ave	1.404	1.757	0.1000	31.3	25.0	25.1*	20.0
Ethyl ether	Ave	1.363	1.245		22.8	25.0	-8.6	20.0
Acrolein	Ave	0.3479	0.2621		94.2	125	-24.7	50.0
1,1-Dichloroethene	Ave	1.191	1.098	0.1000	23.0	25.0	-7.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.057	1.064	0.1000	25.2	25.0	0.6	20.0
Acetone	Ave	0.5965	0.6909	0.1000	145	125	15.8	50.0
Iodomethane	Ave	1.890	1.821		24.1	25.0	-3.7	20.0
Carbon disulfide	Ave	3.767	3.212	0.1000	21.3	25.0	-14.7	20.0
Allyl chloride	Ave	3.023	2.482		20.5	25.0	-17.9	20.0
Methyl acetate	Ave	1.673	1.521	0.1000	114	125	-9.1	50.0
Methylene Chloride	Ave	1.362	1.241	0.1000	22.8	25.0	-8.9	20.0
2-Methyl-2-propanol	Ave	0.1537	0.1667		271	250	8.5	50.0
Methyl tert-butyl ether	Ave	4.405	4.042	0.1000	22.9	25.0	-8.3	20.0
trans-1,2-Dichloroethene	Ave	1.272	1.232	0.1000	24.2	25.0	-3.1	20.0
Acrylonitrile	Ave	0.7356	0.6990		238	250	-5.0	20.0
Hexane	Ave	2.349	2.084		22.2	25.0	-11.3	20.0
1,1-Dichloroethane	Ave	2.456	2.370	0.2000	24.1	25.0	-3.5	20.0
Vinyl acetate	Ave	3.598	3.312		46.0	50.0	-8.0	20.0
2,2-Dichloropropane	Ave	1.219	1.163		23.8	25.0	-4.6	20.0
cis-1,2-Dichloroethene	Ave	1.363	1.331	0.1000	24.4	25.0	-2.3	20.0
2-Butanone (MEK)	Ave	0.9923	0.9408	0.1000	119	125	-5.2	20.0
Chlorobromomethane	Ave	0.7255	0.7267		25.0	25.0	0.2	20.0
Tetrahydrofuran	Ave	0.7546	0.6580		43.6	50.0	-12.8	20.0
Chloroform	Ave	2.148	2.082	0.2000	24.2	25.0	-3.1	20.0
1,1,1-Trichloroethane	Ave	1.698	1.650	0.1000	24.3	25.0	-2.8	20.0
Cyclohexane	Ave	2.513	2.047	0.1000	20.4	25.0	-18.5	20.0
Carbon tetrachloride	Ave	1.514	1.585	0.1000	26.2	25.0	4.7	20.0
1,1-Dichloropropene	Ave	1.728	1.676		24.2	25.0	-3.0	20.0
Isobutyl alcohol	Ave	0.1018	0.0880		540	625	-13.5	50.0
Benzene	Ave	4.918	4.579	0.5000	23.3	25.0	-6.9	20.0
1,2-Dichloroethane	Ave	1.960	1.916	0.1000	24.4	25.0	-2.2	20.0
n-Heptane	Ave	2.756	2.407		21.8	25.0	-12.7	20.0
Trichloroethene	Ave	1.228	1.248	0.2000	25.4	25.0	1.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282302/2 Calibration Date: 01/05/2016 11:17

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6297.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.338	2.197	0.1000	23.5	25.0	-6.0	20.0
1,2-Dichloropropane	Ave	1.263	1.186	0.1000	23.5	25.0	-6.1	20.0
Dibromomethane	Ave	0.7286	0.7593	0.1000	26.1	25.0	4.2	20.0
1,4-Dioxane	Lin1		0.0041		522	500	4.4	50.0
Bromodichloromethane	Ave	1.454	1.519	0.2000	26.1	25.0	4.4	20.0
2-Chloroethyl vinyl ether	Ave	0.7727	0.8281		26.8	25.0	7.2	20.0
cis-1,3-Dichloropropene	Ave	1.817	1.923	0.2000	26.5	25.0	5.8	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1852	0.1677	0.1000	113	125	-9.5	20.0
Toluene	Ave	0.8908	0.8242	0.4000	23.1	25.0	-7.5	20.0
trans-1,3-Dichloropropene	Ave	0.4610	0.4429	0.1000	24.0	25.0	-3.9	20.0
Ethyl methacrylate	Ave	0.4528	0.4224		23.3	25.0	-6.7	20.0
1,1,2-Trichloroethane	Ave	0.2450	0.2310	0.1000	23.6	25.0	-5.7	20.0
Tetrachloroethene	Ave	0.3951	0.3506	0.2000	22.2	25.0	-11.3	20.0
1,3-Dichloropropane	Ave	0.5191	0.4972		23.9	25.0	-4.2	20.0
2-Hexanone	Ave	0.3520	0.3364	0.1000	119	125	-4.4	20.0
Dibromochloromethane	Ave	0.3047	0.3181	0.1000	26.1	25.0	4.4	20.0
1,2-Dibromoethane	Ave	0.2936	0.2968		25.3	25.0	1.1	20.0
Chlorobenzene	Ave	0.9594	0.9162	0.5000	23.9	25.0	-4.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3395	0.3369		24.8	25.0	-0.8	20.0
Ethylbenzene	Ave	1.610	1.480	0.1000	23.0	25.0	-8.1	20.0
m,p-Xylene	Ave	0.6286	0.6072	0.1000	24.1	25.0	-3.4	20.0
o-Xylene	Ave	0.6433	0.5890	0.3000	22.9	25.0	-8.4	20.0
Styrene	Ave	0.9815	0.9588	0.3000	24.4	25.0	-2.3	20.0
Bromoform	Ave	0.1746	0.1733	0.1000	24.8	25.0	-0.7	50.0
Isopropylbenzene	Ave	3.142	3.045	0.1000	24.2	25.0	-3.1	20.0
Bromobenzene	Ave	0.7860	0.7904		25.1	25.0	0.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8148	0.7796	0.3000	23.9	25.0	-4.3	20.0
1,2,3-Trichloropropane	Ave	0.2489	0.2695		27.1	25.0	8.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2770	0.2704		24.4	25.0	-2.4	50.0
N-Propylbenzene	Ave	3.591	3.485		24.3	25.0	-3.0	20.0
2-Chlorotoluene	Ave	0.7517	0.7652		25.4	25.0	1.8	20.0
1,3,5-Trimethylbenzene	Ave	2.588	2.495		24.1	25.0	-3.6	20.0
4-Chlorotoluene	Ave	2.522	2.434		24.1	25.0	-3.5	20.0
tert-Butylbenzene	Ave	0.6275	0.6065		24.2	25.0	-3.4	20.0
1,2,4-Trimethylbenzene	Ave	2.572	2.544		24.7	25.0	-1.1	20.0
sec-Butylbenzene	Ave	3.319	3.246		24.4	25.0	-2.2	20.0
1,3-Dichlorobenzene	Ave	1.490	1.436	0.6000	24.1	25.0	-3.7	20.0
4-Isopropyltoluene	Ave	2.876	2.811		24.4	25.0	-2.3	20.0
1,4-Dichlorobenzene	Ave	1.537	1.454	0.5000	23.7	25.0	-5.4	20.0
n-Butylbenzene	Ave	2.430	2.404		24.7	25.0	-1.1	20.0
1,2-Dichlorobenzene	Ave	1.445	1.402	0.4000	24.3	25.0	-3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Lab Sample ID: CCVIS 480-282302/2 Calibration Date: 01/05/2016 11:17

Instrument ID: HP5973N Calib Start Date: 12/22/2015 20:31

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 12/22/2015 23:39

Lab File ID: N6297.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1455	0.1473	0.0500	25.3	25.0	1.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9195	0.8892	0.2000	24.2	25.0	-3.3	20.0
Hexachlorobutadiene	Ave	0.5022	0.4491		22.4	25.0	-10.6	20.0
Naphthalene	Ave	2.507	2.505		25.0	25.0	-0.0	20.0
1,2,3-Trichlorobenzene	Ave	0.8416	0.7936		23.6	25.0	-5.7	20.0
Dibromofluoromethane (Surr)	Ave	1.188	1.335		28.1	25.0	12.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.499	1.692		28.2	25.0	12.9	20.0
Toluene-d8 (Surr)	Ave	1.297	1.291		24.9	25.0	-0.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4269	0.4163		24.4	25.0	-2.5	20.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6297.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-Jan-2016 11:17:30 ALS Bottle#: 88 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0049728-002
Operator ID: gtg Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 13:08:39 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 13:08:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	134903	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	85	507392	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.971	10.971	0.000	95	251229	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	84	180123	25.0	28.1	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	228268	25.0	28.2	
$ 6 Toluene-d8 (Surr)	98	7.114	7.114	0.000	93	654936	25.0	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	92	211238	25.0	24.4	
11 Dichlorodifluoromethane	85	1.371	1.371	0.000	99	196159	25.0	28.2	
13 Chloromethane	50	1.535	1.535	0.000	99	229030	25.0	23.0	
14 Vinyl chloride	62	1.644	1.644	0.000	98	162673	25.0	23.0	
144 Butadiene	54	1.675	1.675	0.000	99	165716	25.0	22.9	
15 Bromomethane	94	1.973	1.973	0.000	92	66641	25.0	25.3	
16 Chloroethane	64	2.076	2.076	0.000	96	75525	25.0	22.6	
17 Dichlorofluoromethane	67	2.295	2.295	0.000	98	218172	25.0	24.6	
18 Trichlorofluoromethane	101	2.308	2.308	0.000	96	236963	25.0	31.3	
19 Ethyl ether	59	2.600	2.600	0.000	97	167961	25.0	22.8	
20 Acrolein	56	2.758	2.758	0.000	98	176817	125.0	94.2	
22 1,1-Dichloroethene	96	2.819	2.819	0.000	94	148155	25.0	23.0	
21 1,1,2-Trichloro-1,2,2-trif	101	2.831	2.831	0.000	51	143490	25.0	25.2	
23 Acetone	43	2.916	2.916	0.000	98	466009	125.0	144.8	
24 Iodomethane	142	2.971	2.971	0.000	99	245663	25.0	24.1	
25 Carbon disulfide	76	3.019	3.019	0.000	99	433375	25.0	21.3	
27 3-Chloro-1-propene	41	3.184	3.184	0.000	88	334767	25.0	20.5	
28 Methyl acetate	43	3.226	3.226	0.000	99	1025667	125.0	113.6	
30 Methylene Chloride	84	3.323	3.323	0.000	97	167444	25.0	22.8	
31 2-Methyl-2-propanol	59	3.482	3.482	0.000	96	224895	250.0	271.2	
32 Methyl tert-butyl ether	73	3.555	3.555	0.000	98	545218	25.0	22.9	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	95	166139	25.0	24.2	
34 Acrylonitrile	53	3.591	3.591	0.000	98	942942	250.0	237.5	
35 Hexane	57	3.786	3.786	0.000	96	281112	25.0	22.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.980	3.980	0.000	97	319755	25.0	24.1	
39 Vinyl acetate	43	4.029	4.029	0.000	97	893549	50.0	46.0	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	91	156844	25.0	23.8	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	179607	25.0	24.4	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	98	634589	125.0	118.5	
47 Chlorobromomethane	128	4.765	4.765	0.000	96	98029	25.0	25.0	
49 Tetrahydrofuran	42	4.796	4.796	0.000	93	177544	50.0	43.6	
50 Chloroform	83	4.844	4.844	0.000	95	280879	25.0	24.2	
51 1,1,1-Trichloroethane	97	4.972	4.972	0.000	98	222567	25.0	24.3	
52 Cyclohexane	56	4.996	4.996	0.000	95	276152	25.0	20.4	
53 Carbon tetrachloride	117	5.118	5.118	0.000	98	213839	25.0	26.2	
54 1,1-Dichloropropene	75	5.124	5.124	0.000	91	226081	25.0	24.2	
56 Isobutyl alcohol	43	5.313	5.313	0.000	91	296770	625.0	540.5	
55 Benzene	78	5.325	5.325	0.000	98	617724	25.0	23.3	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	258433	25.0	24.4	
59 n-Heptane	43	5.532	5.532	0.000	97	324670	25.0	21.8	
60 Trichloroethene	95	5.939	5.939	0.000	95	168291	25.0	25.4	
62 Methylcyclohexane	83	6.079	6.079	0.000	96	296348	25.0	23.5	
63 1,2-Dichloropropane	63	6.171	6.171	0.000	88	159975	25.0	23.5	
64 Dibromomethane	93	6.304	6.304	0.000	94	102436	25.0	26.1	
66 1,4-Dioxane	88	6.317	6.317	0.000	35	41658	500.0	521.9	
67 Dichlorobromomethane	83	6.457	6.457	0.000	98	204861	25.0	26.1	
69 2-Chloroethyl vinyl ether	63	6.736	6.736	0.000	93	111714	25.0	26.8	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	92	259385	25.0	26.5	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	98	425330	125.0	113.2	
73 Toluene	92	7.180	7.180	0.000	98	418207	25.0	23.1	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	98	224729	25.0	24.0	
77 Ethyl methacrylate	69	7.491	7.491	0.000	94	214337	25.0	23.3	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	94	117205	25.0	23.6	
79 Tetrachloroethene	166	7.722	7.722	0.000	94	177867	25.0	22.2	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	98	252272	25.0	23.9	
82 2-Hexanone	43	7.856	7.856	0.000	98	853547	125.0	119.5	
83 Chlorodibromomethane	129	8.032	8.032	0.000	90	161374	25.0	26.1	
84 Ethylene Dibromide	107	8.142	8.142	0.000	98	150613	25.0	25.3	
85 Chlorobenzene	112	8.628	8.628	0.000	95	464886	25.0	23.9	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	93	170960	25.0	24.8	
88 Ethylbenzene	91	8.720	8.720	0.000	99	750861	25.0	23.0	
90 m-Xylene & p-Xylene	106	8.841	8.841	0.000	0	308062	25.0	24.1	
91 o-Xylene	106	9.273	9.273	0.000	97	298872	25.0	22.9	
92 Styrene	104	9.298	9.298	0.000	96	486492	25.0	24.4	
93 Bromoform	173	9.529	9.529	0.000	95	87938	25.0	24.8	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	764913	25.0	24.2	
97 Bromobenzene	156	9.991	9.991	0.000	92	198574	25.0	25.1	
98 1,1,2,2-Tetrachloroethane	83	10.021	10.021	0.000	96	195869	25.0	23.9	
99 1,2,3-Trichloropropane	110	10.058	10.058	0.000	89	67697	25.0	27.1	
101 trans-1,4-Dichloro-2-buten	53	10.070	10.070	0.000	64	67929	25.0	24.4	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	875504	25.0	24.3	
102 2-Chlorotoluene	126	10.174	10.174	0.000	97	192230	25.0	25.4	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	95	626845	25.0	24.1	
105 4-Chlorotoluene	91	10.283	10.283	0.000	97	611530	25.0	24.1	
106 tert-Butylbenzene	134	10.569	10.569	0.000	94	152363	25.0	24.2	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	639143	25.0	24.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	815392	25.0	24.4	
110 1,3-Dichlorobenzene	146	10.904	10.904	0.000	98	360667	25.0	24.1	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	706163	25.0	24.4	
113 1,4-Dichlorobenzene	146	10.989	10.989	0.000	94	365244	25.0	23.7	
115 n-Butylbenzene	91	11.299	11.299	0.000	97	603830	25.0	24.7	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	98	352159	25.0	24.3	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	83	36998	25.0	25.3	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	94	223398	25.0	24.2	
120 Hexachlorobutadiene	225	12.863	12.863	0.000	98	112818	25.0	22.4	
121 Naphthalene	128	12.954	12.954	0.000	97	629361	25.0	25.0	
122 1,2,3-Trichlorobenzene	180	13.155	13.155	0.000	95	199363	25.0	23.6	

Reagents:

8260 CORP mix_00062	Amount Added: 12.50	Units: uL	
GAS CORP mix_00129	Amount Added: 12.50	Units: uL	
N 8260 IS_00012	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added: 1.00	Units: uL	Run Reagent

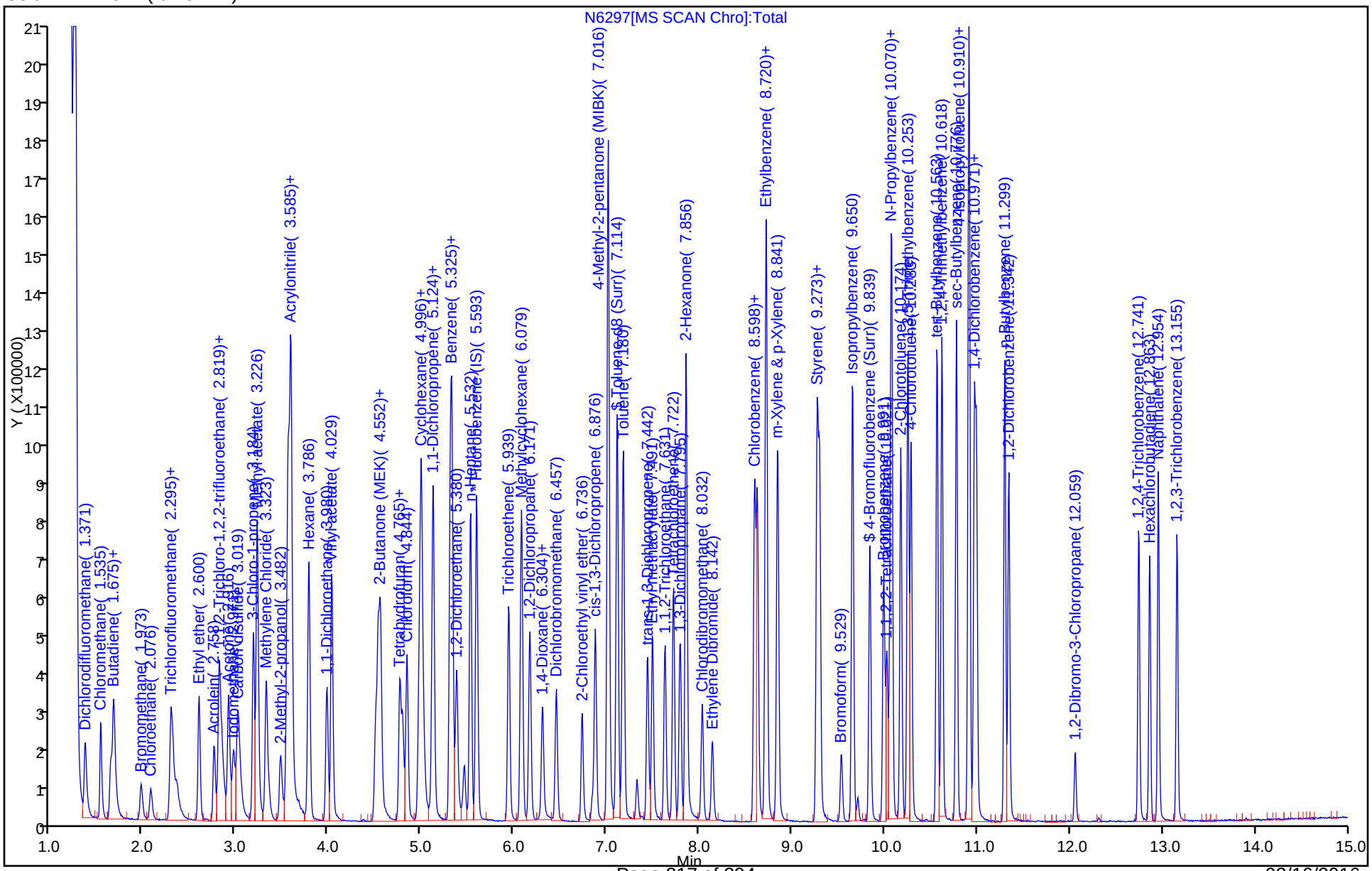
Report Date: 05-Jan-2016 13:08:40 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6297.D

Injection Date:	05-Jan-2016 11:17:30	Instrument ID:	HP5973N	Operator ID:	gtg
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	88
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5881.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 22-Dec-2015 19:39:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: bfb
Misc. Info.: 480-0049506-001
Operator ID: GTG Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Dec-2015 17:09:37 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 22-Dec-2015 19:49:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 4 BFB	95	4.507	4.507	0.000	89	249720	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

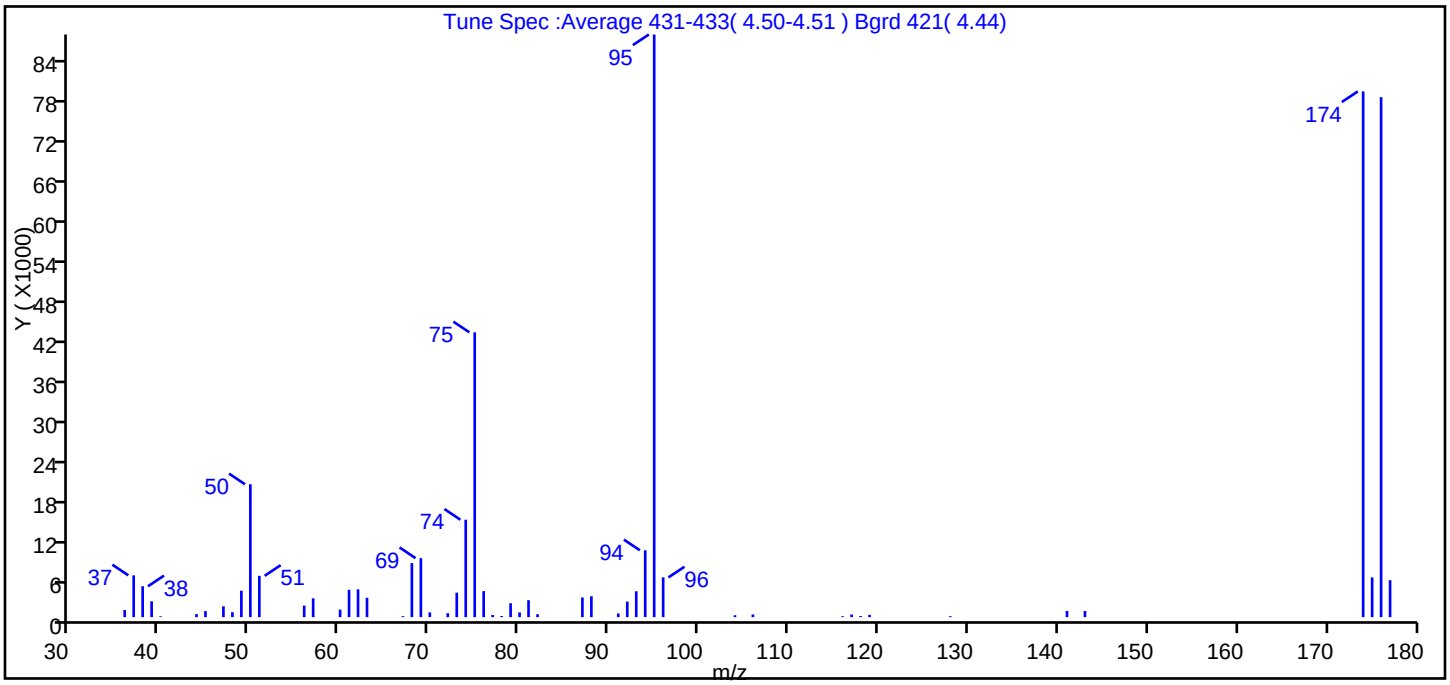
BFB_WRK_00050 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5881.D
Injection Date: 22-Dec-2015 19:39:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: GTG ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.8
75	30 to 60% of m/z 95	48.9
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	90.2
175	5 to 9% of m/z 174	6.8 (7.6)
176	Greater than 95% but less than 101% of m/z 174	89.2 (98.9)
177	5 to 9% of m/z 176	6.3 (7.1)

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5881.D\N-8260.rslt\spectra.d
Injection Date: 22-Dec-2015 19:39:30
Spectrum: Tune Spec :Average 431-433(4.50-4.51) Bgrd 421(4.44)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1069	60.00	1136	78.00	167	106.00	410
37.00	6290	61.00	4114	79.00	2095	116.00	134
38.00	4646	62.00	4182	80.00	714	117.00	393
39.00	2383	63.00	2918	81.00	2557	118.00	163
40.00	114	67.00	150	82.00	441	119.00	346
44.00	453	68.00	8135	87.00	2962	128.00	143
45.00	906	69.00	8885	88.00	3146	141.00	934
47.00	1632	70.00	716	91.00	553	143.00	912
48.00	740	72.00	588	92.00	2337	174.00	79136
49.00	3983	73.00	3682	93.00	3898	175.00	5982
50.00	20000	74.00	14664	94.00	10062	176.00	78264
51.00	6220	75.00	42872	95.00	87704	177.00	5560
56.00	1739	76.00	3918	96.00	5985		
57.00	2835	77.00	319	104.00	285		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6239.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 04-Jan-2016 09:41:30 ALS Bottle#: 30 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0049694-002
Operator ID: LH/RR Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Jan-2016 09:51:05 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: HillL Date: 04-Jan-2016 09:51:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 4 BFB	95	4.501	4.501	0.000	87	239855	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

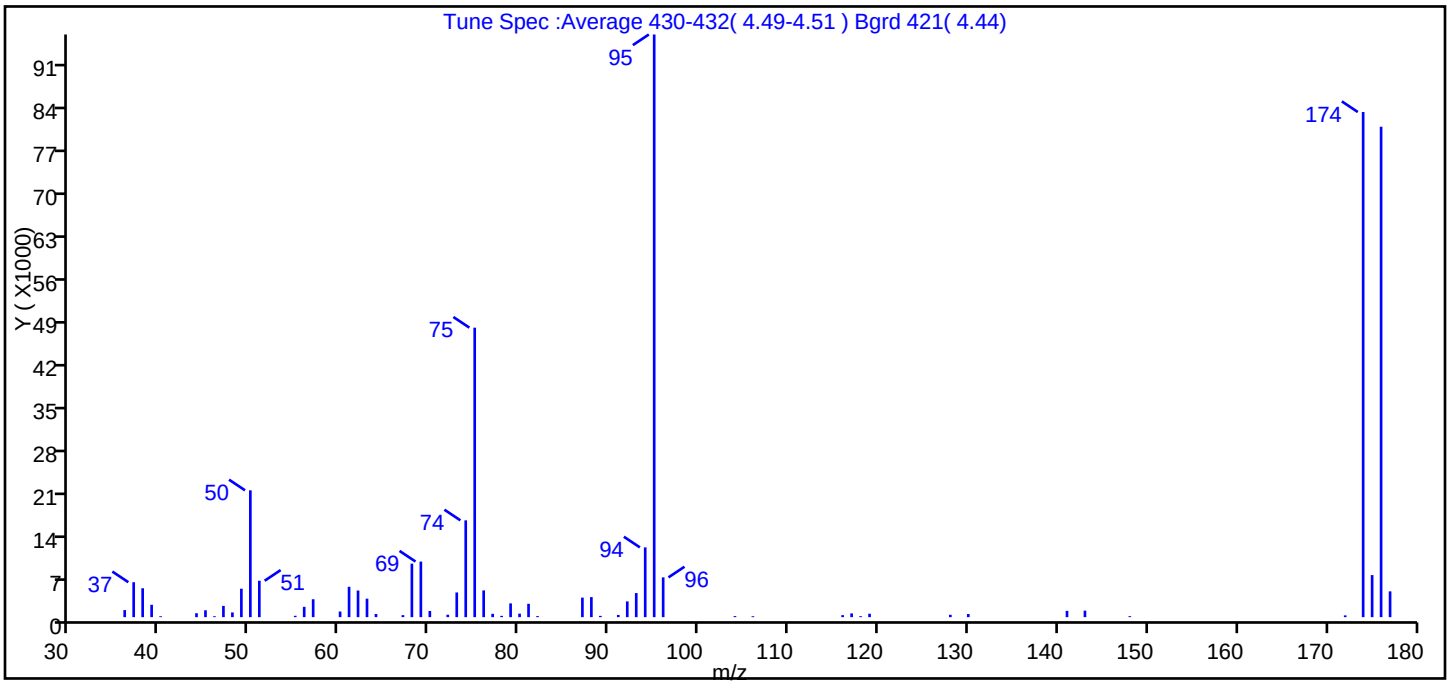
BFB_WRK_00050 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6239.D
Injection Date: 04-Jan-2016 09:41:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: LH/RR ALS Bottle#: 30 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.8
75	30 to 60% of m/z 95	49.7
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	86.7
175	5 to 9% of m/z 174	7.2 (8.3)
176	Greater than 95% but less than 101% of m/z 174	84.2 (97.1)
177	5 to 9% of m/z 176	4.4 (5.3)

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6239.D\N-8260.rslt\spectra.d
Injection Date: 04-Jan-2016 09:41:30
Spectrum: Tune Spec :Average 430-432(4.49-4.51) Bgrd 421(4.44)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1158	60.00	922	79.00	2260	117.00	615
37.00	5733	61.00	4982	80.00	574	118.00	152
38.00	4741	62.00	4371	81.00	2188	119.00	559
39.00	2027	63.00	3030	82.00	171	128.00	385
40.00	145	64.00	523	87.00	3202	130.00	512
44.00	642	67.00	329	88.00	3292	141.00	1029
45.00	1127	68.00	8784	89.00	210	143.00	1065
46.00	148	69.00	9121	91.00	353	148.00	158
47.00	1845	70.00	1011	92.00	2584	172.00	289
48.00	773	72.00	397	93.00	3955	174.00	82904
49.00	4666	73.00	4051	94.00	11449	175.00	6905
50.00	20816	74.00	15887	95.00	95632	176.00	80488
51.00	5973	75.00	47512	96.00	6527	177.00	4233
55.00	222	76.00	4385	104.00	174		
56.00	1694	77.00	548	106.00	148		
57.00	2938	78.00	212	116.00	330		

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6265.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 04-Jan-2016 21:48:30 ALS Bottle#: 56 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0049715-001
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 09:43:43 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: o'briens Date: 04-Jan-2016 21:58:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 4 BFB	95	4.458	4.458	0.000	88	184267	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

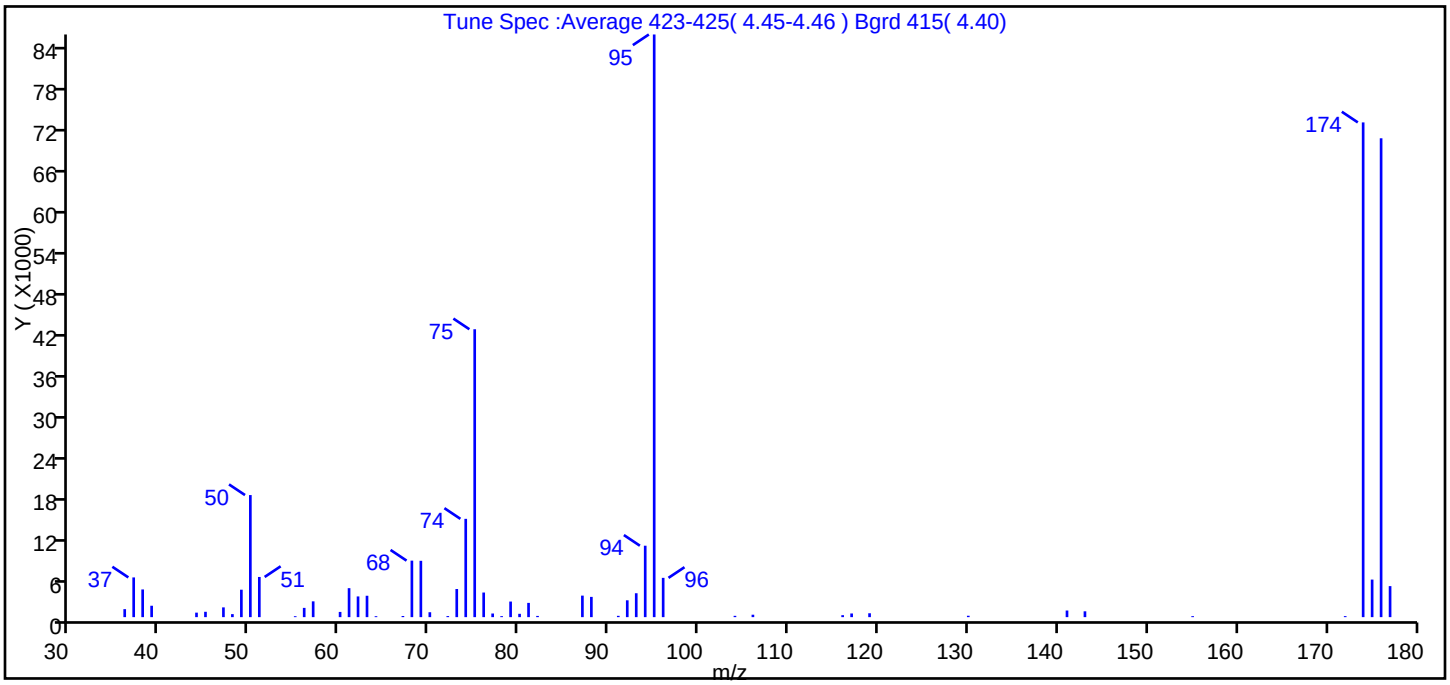
BFB_WRK_00050 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6265.D
Injection Date: 04-Jan-2016 21:48:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: SO ALS Bottle#: 56 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.0
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.9
175	5 to 9% of m/z 174	6.4 (7.6)
176	Greater than 95% but less than 101% of m/z 174	82.2 (96.8)
177	5 to 9% of m/z 176	5.3 (6.5)

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6265.D\N-8260.rslt\spectra.d
Injection Date: 04-Jan-2016 21:48:30
Spectrum: Tune Spec :Average 423-425(4.45-4.46) Bgrd 415(4.40)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1174	60.00	766	77.00	534	104.00	192
37.00	5825	61.00	4250	78.00	145	106.00	357
38.00	4062	62.00	3037	79.00	2287	116.00	289
39.00	1672	63.00	3137	80.00	489	117.00	539
44.00	660	64.00	138	81.00	2091	119.00	570
45.00	786	67.00	167	82.00	179	130.00	205
47.00	1432	68.00	8288	87.00	3157	141.00	971
48.00	444	69.00	8262	88.00	2971	143.00	855
49.00	4025	70.00	721	91.00	193	155.00	144
50.00	17904	72.00	157	92.00	2470	172.00	150
51.00	5893	73.00	4125	93.00	3506	174.00	72560
55.00	136	74.00	14417	94.00	10476	175.00	5509
56.00	1358	75.00	42224	95.00	85456	176.00	70232
57.00	2317	76.00	3609	96.00	5762	177.00	4551

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6296.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 05-Jan-2016 10:51:30 ALS Bottle#: 87 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0049728-001
Operator ID: gtg Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 11:02:25 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 11:02:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 4 BFB	95	4.495	4.495	0.000	86	314254	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

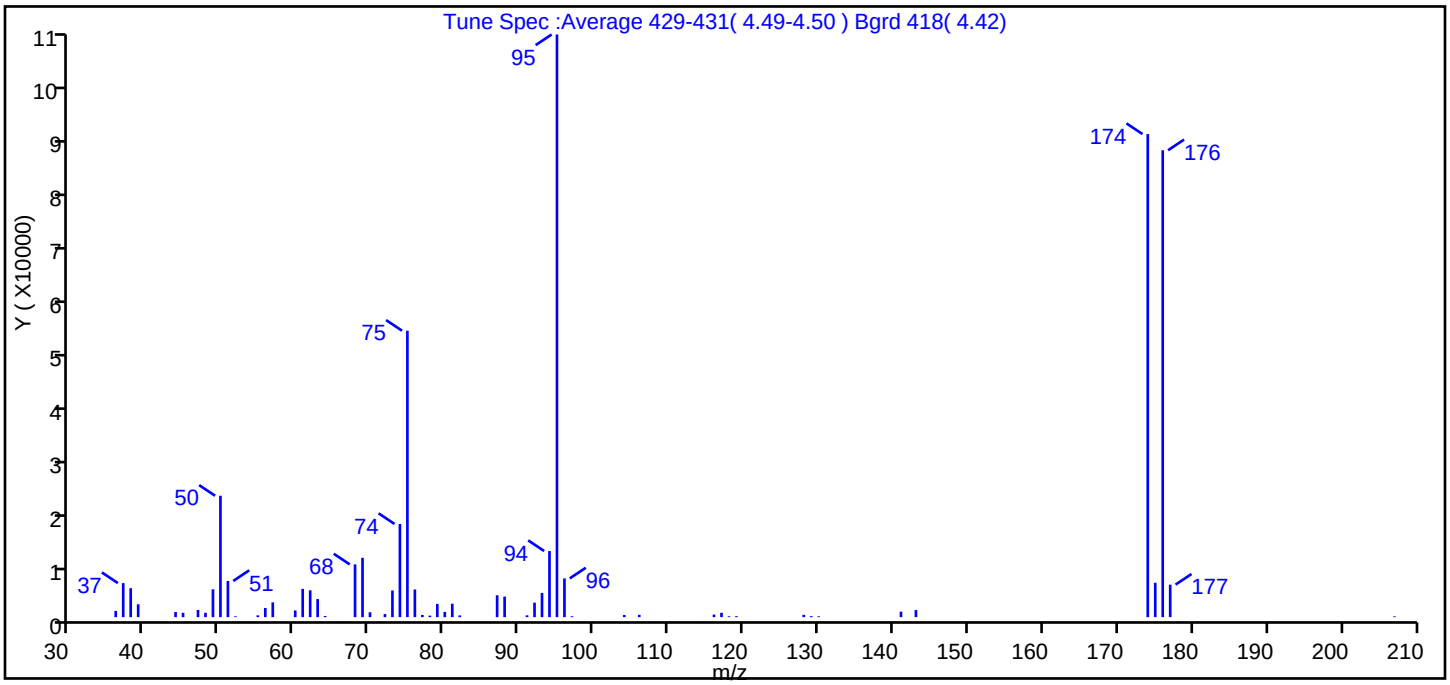
BFB_WRK_00050 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6296.D
Injection Date: 05-Jan-2016 10:51:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: gtg ALS Bottle#: 87 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.8
75	30 to 60% of m/z 95	49.2
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	82.9
175	5 to 9% of m/z 174	5.9 (7.1)
176	Greater than 95% but less than 101% of m/z 174	80.1 (96.6)
177	5 to 9% of m/z 176	5.6 (7.0)

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6296.D\N-8260.rslt\spectra.d
Injection Date: 05-Jan-2016 10:51:30
Spectrum: Tune Spec :Average 429-431(4.49-4.50) Bgrd 418(4.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 59

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1085	60.00	1162	79.00	2311	116.00	448
37.00	5928	61.00	4919	80.00	918	117.00	756
38.00	5040	62.00	4674	81.00	2338	118.00	147
39.00	2235	63.00	3144	82.00	309	119.00	171
44.00	900	64.00	205	87.00	3808	128.00	407
45.00	755	68.00	9181	88.00	3579	129.00	180
47.00	1254	69.00	10332	91.00	317	130.00	140
48.00	758	70.00	847	92.00	2518	141.00	962
49.00	4846	72.00	535	93.00	4219	143.00	1240
50.00	21128	73.00	4632	94.00	11510	174.00	84096
51.00	6297	74.00	16214	95.00	101424	175.00	5982
52.00	139	75.00	49856	96.00	6743	176.00	81272
55.00	317	76.00	4818	97.00	157	177.00	5657
56.00	1593	77.00	382	104.00	383	207.00	135
57.00	2569	78.00	270	106.00	404		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-282137/7

Matrix: Water | Lab File ID: N6244.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 12:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282137 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
123-91-1	1,4-Dioxane	ND		40	9.3
78-93-3	2-Butanone (MEK)	ND		10	1.3
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
67-66-3	Chloroform	ND		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
100-41-4	Ethylbenzene	ND		1.0	0.74
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
104-51-8	n-Butylbenzene	ND		1.0	0.64
103-65-1	N-Propylbenzene	ND		1.0	0.69
135-98-8	sec-Butylbenzene	ND		1.0	0.75
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
79-01-6	Trichloroethene	ND		1.0	0.46
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66
98-06-6	tert-Butylbenzene	ND		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-282137/7

Matrix: Water Lab File ID: N6244.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/04/2016 12:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282137 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	114		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
460-00-4	4-Bromofluorobenzene (Surr)	92		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6244.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 04-Jan-2016 12:14:30 ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0049694-007
Operator ID: LH/RR Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Jan-2016 14:42:46 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: HillL Date: 04-Jan-2016 14:42:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.598	5.593	0.005	98	135067	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	483794	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	240613	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	183195	25.0	28.5	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.306	5.307	-0.001	0	228092	25.0	28.2	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	628422	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.845	0.000	91	189454	25.0	22.9	
11 Dichlorodifluoromethane	85		1.371					ND	
12 Chlorodifluoromethane	51		1.395					ND	
13 Chloromethane	50		1.541					ND	
14 Vinyl chloride	62		1.644					ND	
144 Butadiene	54		1.675					ND	
15 Bromomethane	94		1.973					ND	
16 Chloroethane	64		2.070					ND	
17 Dichlorofluoromethane	67		2.289					ND	
18 Trichlorofluoromethane	101		2.307					ND	
141 Ethanol	45		2.581					ND	
19 Ethyl ether	59		2.599					ND	
81 Propene oxide	58		2.672					ND	
20 Acrolein	56		2.758					ND	
22 1,1-Dichloroethene	96		2.812					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.825					ND	
23 Acetone	43		2.916					ND	
24 Iodomethane	142		2.971					ND	
25 Carbon disulfide	76		3.019					ND	
26 Isopropyl alcohol	45		3.098					ND	
27 3-Chloro-1-propene	41		3.184					ND	
29 Acetonitrile	40		3.214					ND	
28 Methyl acetate	43		3.226					ND	
30 Methylene Chloride	84		3.323					ND	
31 2-Methyl-2-propanol	59		3.488					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.555					ND	
33 trans-1,2-Dichloroethene	96		3.567					ND	
34 Acrylonitrile	53		3.591					ND	
35 Hexane	57		3.780					ND	
36 1,1-Dichloroethane	63		3.974					ND	
37 Isopropyl ether	45		4.011					ND	
39 Vinyl acetate	43		4.029					ND	
38 2-Chloro-1,3-butadiene	53		4.047					ND	
40 1,1-Dimethoxyethane	75		4.072					ND	
41 Tert-butyl ethyl ether	59		4.352					ND	
42 2,2-Dichloropropane	77		4.510					ND	
43 cis-1,2-Dichloroethene	96		4.534					ND	
44 2-Butanone (MEK)	43		4.558					ND	
45 Ethyl acetate	43		4.601					ND	
46 Propionitrile	54		4.644					ND	
48 Methacrylonitrile	67		4.765					ND	
47 Chlorobromomethane	128		4.765					ND	
49 Tetrahydrofuran	42		4.796					ND	
50 Chloroform	83		4.844					ND	
51 1,1,1-Trichloroethane	97		4.972					ND	
52 Cyclohexane	56		4.996					ND	
53 Carbon tetrachloride	117		5.118					ND	
54 1,1-Dichloropropene	75		5.130					ND	
56 Isobutyl alcohol	43		5.313					ND	
55 Benzene	78		5.331					ND	
146 Isooctane	57		5.349					ND	
140 t-Amyl alcohol	59		5.380					ND	
57 1,2-Dichloroethane	62		5.380					ND	
58 Tert-amyl methyl ether	73		5.410					ND	
59 n-Heptane	43		5.526					ND	
1 1,4-Difluorobenzene	114		5.702					ND	
61 n-Butanol	56		5.933					ND	
60 Trichloroethene	95		5.939					ND	
145 Ethyl acrylate	55		6.049					ND	
62 Methylcyclohexane	83		6.079					ND	
63 1,2-Dichloropropane	63		6.171					ND	
65 Methyl methacrylate	41		6.268					ND	
64 Dibromomethane	93		6.304					ND	
66 1,4-Dioxane	88		6.310					ND	
67 Dichlorobromomethane	83		6.456					ND	
68 2-Nitropropane	43		6.688					ND	
69 2-Chloroethyl vinyl ether	63		6.730					ND	
70 Epichlorohydrin	57		6.815					ND	
71 cis-1,3-Dichloropropene	75		6.876					ND	
72 4-Methyl-2-pentanone (MIBK	58		7.016					ND	
73 Toluene	92		7.174					ND	
74 2-Methylthiophene	97		7.314					ND	
75 trans-1,3-Dichloropropene	75		7.442					ND	
76 3-Methylthiophene	97		7.478					ND	
77 Ethyl methacrylate	69		7.497					ND	
78 1,1,2-Trichloroethane	83		7.631					ND	
79 Tetrachloroethene	166		7.722					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
80 1,3-Dichloropropane	76		7.795					ND	
82 2-Hexanone	43		7.856					ND	
149 n-Butyl acetate	43		7.977					ND	
83 Chlorodibromomethane	129		8.032					ND	
84 Ethylene Dibromide	107		8.142					ND	
139 1-Chlorohexane	55		8.580					ND	
86 3-Chlorobenzotrifluoride	180		8.592					ND	
85 Chlorobenzene	112		8.628					ND	
87 4-Chlorobenzotrifluoride	180		8.653					ND	
88 Ethylbenzene	91		8.720					ND	
89 1,1,1,2-Tetrachloroethane	131		8.720					ND	
90 m-Xylene & p-Xylene	106		8.841					ND	
91 o-Xylene	106		9.273					ND	
92 Styrene	104		9.298					ND	
93 Bromoform	173		9.535					ND	
94 2-Chlorobenzotrifluoride	180		9.571					ND	
95 Isopropylbenzene	105		9.656					ND	
96 Cyclohexanone	55		9.802					ND	
97 Bromobenzene	156		9.991					ND	
98 1,1,2,2-Tetrachloroethane	83		10.021					ND	
99 1,2,3-Trichloropropane	110		10.058					ND	
101 trans-1,4-Dichloro-2-buten	53		10.070					ND	
100 N-Propylbenzene	91		10.076					ND	
102 2-Chlorotoluene	126		10.174					ND	
103 3-Chlorotoluene	126		10.240					ND	
104 1,3,5-Trimethylbenzene	105		10.253					ND	
105 4-Chlorotoluene	91		10.283					ND	
106 tert-Butylbenzene	134		10.569					ND	
107 Pentachloroethane	167		10.618					ND	
108 1,2,4-Trimethylbenzene	105		10.618					ND	
109 sec-Butylbenzene	105		10.776					ND	
110 1,3-Dichlorobenzene	146		10.904					ND	
111 4-Isopropyltoluene	119		10.916					ND	
112 Dicyclopentadiene	66		10.983					ND	
113 1,4-Dichlorobenzene	146		10.995					ND	
114 1,2,3-Trimethylbenzene	105		11.025					ND	
143 Benzyl chloride	126		11.129					ND	
115 n-Butylbenzene	91		11.293					ND	
116 1,2-Dichlorobenzene	146		11.342					ND	
117 1,2-Dibromo-3-Chloropropan	75		12.059					ND	
118 1,3,5-Trichlorobenzene	180		12.205					ND	
119 1,2,4-Trichlorobenzene	180		12.747					ND	
120 Hexachlorobutadiene	225		12.862					ND	
121 Naphthalene	128		12.954					ND	
122 1,2,3-Trichlorobenzene	180		13.161					ND	
142 2-Methylnaphthalene	142		13.872					ND	
133 Halothane	1		0.000					ND	
138 1-Bromopropane	1		0.000					ND	
131 Aziridine TIC	1		0.000					ND	
136 Ethylene oxide TIC	1		0.000					ND	
S 125 Total BTEX	1		30.000					ND	
S 126 Xylenes, Total	1		30.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 123 1,3-Dichloropropene, Total	1		30.000					ND	
S 124 1,2-Dichloroethene, Total	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47	7.107	2.002	5.107	9	442			0
T 135 1-Bromopropane TIC	1		0.000					ND	
T 134 bis(chloromethyl)ether TIC	1		0.000					ND	
T 132 Bromoethane TIC	1		0.000					ND	
T 130 Propene oxide TIC	1		0.000					ND	
T 137 Pentachloroethane TIC	1		0.000					ND	
T 127 Ethanol TIC	1		0.000					ND	
T 10 Ethylene oxide	1		0.000					ND	
T 129 tert-amyl alcohol TIC	1		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 128 Hexachloroethane TIC	117		0.000					ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

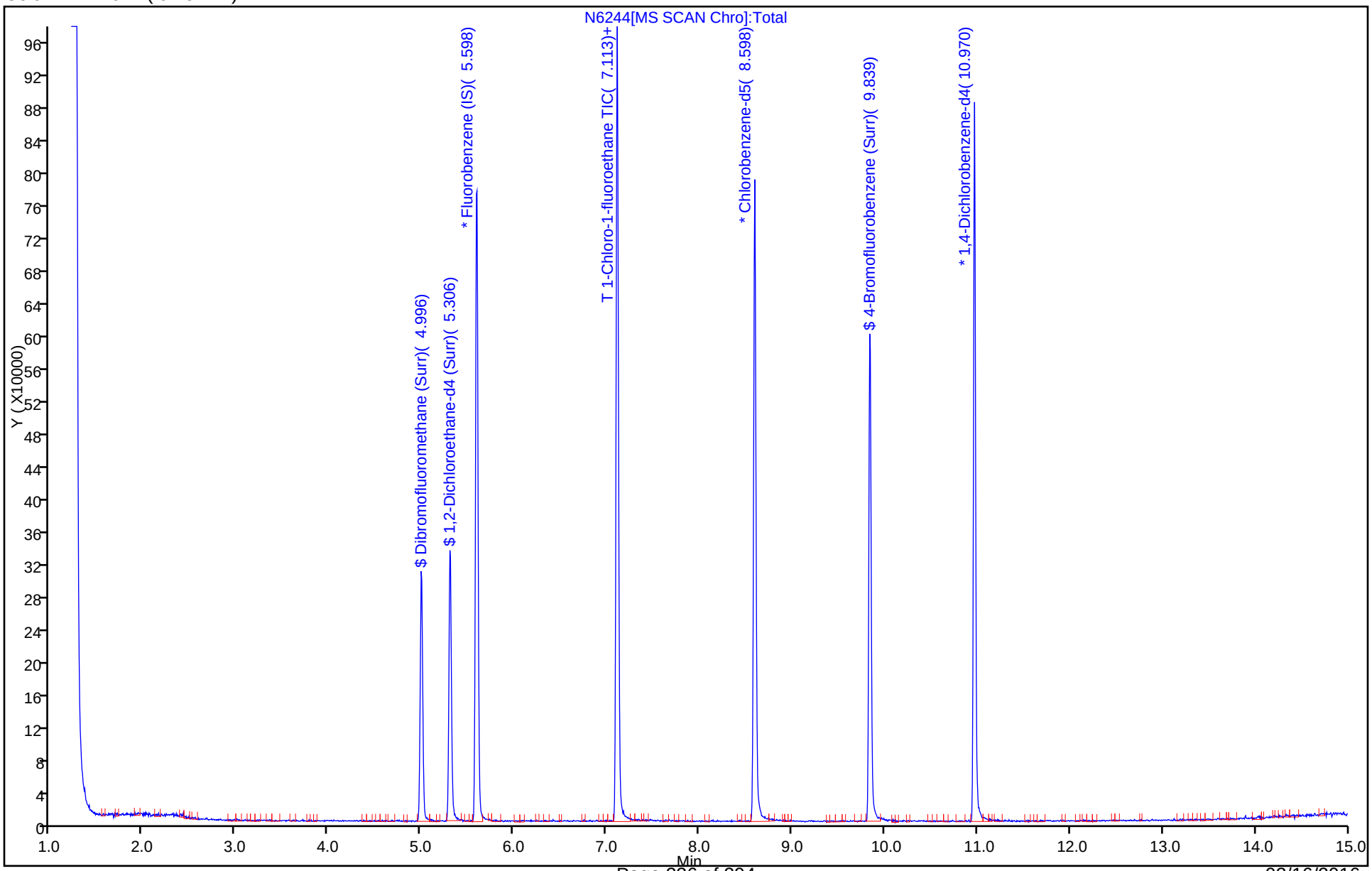
Report Date: 04-Jan-2016 14:42:47 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6244.D

Injection Date:	04-Jan-2016 12:14:30	Instrument ID:	HP5973N	Operator ID:	LH/RR
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-282244/6

Matrix: Water | Lab File ID: N6271.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 00:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
123-91-1	1,4-Dioxane	ND		40	9.3
78-93-3	2-Butanone (MEK)	ND		10	1.3
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
67-66-3	Chloroform	ND		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
100-41-4	Ethylbenzene	ND		1.0	0.74
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
104-51-8	n-Butylbenzene	ND		1.0	0.64
103-65-1	N-Propylbenzene	ND		1.0	0.69
135-98-8	sec-Butylbenzene	ND		1.0	0.75
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
79-01-6	Trichloroethene	ND		1.0	0.46
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66
98-06-6	tert-Butylbenzene	ND		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-282244/6

Matrix: Water Lab File ID: N6271.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 00:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	118		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		66-137
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
2037-26-5	Toluene-d8 (Surr)	101		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6271.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 05-Jan-2016 00:41:30 ALS Bottle#: 62 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0049715-006
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 10:05:57 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 09:48:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	126440	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	454329	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	224442	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	93	177508	25.0	29.5	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	212943	25.0	28.1	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	592641	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	179587	25.0	23.2	
11 Dichlorodifluoromethane	85		1.371					ND	
12 Chlorodifluoromethane	51		1.389					ND	
13 Chloromethane	50		1.535					ND	
14 Vinyl chloride	62		1.644					ND	
144 Butadiene	54		1.675					ND	
15 Bromomethane	94		1.973					ND	
16 Chloroethane	64		2.076					ND	
17 Dichlorofluoromethane	67		2.295					ND	
18 Trichlorofluoromethane	101		2.308					ND	
141 Ethanol	45		2.581					ND	
19 Ethyl ether	59		2.600					ND	
81 Propene oxide	58		2.672					ND	
20 Acrolein	56		2.764					ND	
22 1,1-Dichloroethene	96		2.819					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.831					ND	
23 Acetone	43		2.916					ND	
24 Iodomethane	142		2.977					ND	
25 Carbon disulfide	76		3.019					ND	
26 Isopropyl alcohol	45		3.098					ND	
27 3-Chloro-1-propene	41		3.184					ND	
29 Acetonitrile	40		3.214					ND	
28 Methyl acetate	43		3.226					ND	
30 Methylene Chloride	84		3.323					ND	
31 2-Methyl-2-propanol	59		3.482					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.555					ND	
33 trans-1,2-Dichloroethene	96		3.567					ND	
34 Acrylonitrile	53		3.591					ND	
35 Hexane	57		3.786					ND	
36 1,1-Dichloroethane	63		3.981					ND	
37 Isopropyl ether	45		4.011					ND	
39 Vinyl acetate	43		4.029					ND	
38 2-Chloro-1,3-butadiene	53		4.047					ND	
40 1,1-Dimethoxyethane	75		4.072					ND	
41 Tert-butyl ethyl ether	59		4.351					ND	
42 2,2-Dichloropropane	77		4.510					ND	
43 cis-1,2-Dichloroethene	96		4.534					ND	
44 2-Butanone (MEK)	43		4.558					ND	
45 Ethyl acetate	43		4.601					ND	
46 Propionitrile	54		4.643					ND	
48 Methacrylonitrile	67		4.765					ND	
47 Chlorobromomethane	128		4.771					ND	
49 Tetrahydrofuran	42		4.796					ND	
50 Chloroform	83		4.844					ND	
51 1,1,1-Trichloroethane	97		4.972					ND	
52 Cyclohexane	56		4.996					ND	
53 Carbon tetrachloride	117		5.118					ND	
54 1,1-Dichloropropene	75		5.130					ND	
56 Isobutyl alcohol	43		5.313					ND	
55 Benzene	78		5.331					ND	
146 Isooctane	57		5.349					ND	
140 t-Amyl alcohol	59		5.380					ND	
57 1,2-Dichloroethane	62		5.380					ND	
58 Tert-amyl methyl ether	73		5.410					ND	
59 n-Heptane	43		5.532					ND	
1 1,4-Difluorobenzene	114		5.702					ND	
61 n-Butanol	56		5.933					ND	
60 Trichloroethene	95		5.939					ND	
145 Ethyl acrylate	55		6.049					ND	
62 Methylcyclohexane	83		6.079					ND	
63 1,2-Dichloropropane	63		6.171					ND	
65 Methyl methacrylate	41		6.268					ND	
64 Dibromomethane	93		6.304					ND	
66 1,4-Dioxane	88		6.311					ND	
67 Dichlorobromomethane	83		6.457					ND	
68 2-Nitropropane	43		6.688					ND	
69 2-Chloroethyl vinyl ether	63		6.736					ND	
70 Epichlorohydrin	57		6.821					ND	
71 cis-1,3-Dichloropropene	75		6.876					ND	
72 4-Methyl-2-pentanone (MIBK	58		7.016					ND	
73 Toluene	92		7.180					ND	
74 2-Methylthiophene	97		7.314					ND	
75 trans-1,3-Dichloropropene	75		7.442					ND	
76 3-Methylthiophene	97		7.478					ND	
77 Ethyl methacrylate	69		7.497					ND	
78 1,1,2-Trichloroethane	83		7.631					ND	
79 Tetrachloroethene	166		7.722					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
80 1,3-Dichloropropane	76		7.795					ND	
82 2-Hexanone	43		7.856					ND	
149 n-Butyl acetate	43		7.977					ND	
83 Chlorodibromomethane	129		8.032					ND	
84 Ethylene Dibromide	107		8.142					ND	
139 1-Chlorohexane	55		8.580					ND	
86 3-Chlorobenzotrifluoride	180		8.592					ND	
85 Chlorobenzene	112		8.628					ND	
87 4-Chlorobenzotrifluoride	180		8.653					ND	
88 Ethylbenzene	91		8.720					ND	
89 1,1,1,2-Tetrachloroethane	131		8.720					ND	
90 m-Xylene & p-Xylene	106		8.841					ND	
91 o-Xylene	106		9.273					ND	
92 Styrene	104		9.298					ND	
93 Bromoform	173		9.535					ND	
94 2-Chlorobenzotrifluoride	180		9.565					ND	
95 Isopropylbenzene	105		9.650					ND	
97 Bromobenzene	156		9.991					ND	
98 1,1,2,2-Tetrachloroethane	83		10.021					ND	
99 1,2,3-Trichloropropane	110		10.058					ND	
101 trans-1,4-Dichloro-2-buten	53		10.070					ND	
100 N-Propylbenzene	91		10.076					ND	
102 2-Chlorotoluene	126		10.174					ND	
103 3-Chlorotoluene	126		10.234					ND	
104 1,3,5-Trimethylbenzene	105		10.253					ND	
105 4-Chlorotoluene	91		10.283					ND	
106 tert-Butylbenzene	134		10.569					ND	
107 Pentachloroethane	167		10.611					ND	
108 1,2,4-Trimethylbenzene	105		10.618					ND	
109 sec-Butylbenzene	105		10.776					ND	
110 1,3-Dichlorobenzene	146		10.904					ND	
111 4-Isopropyltoluene	119		10.916					ND	
112 Dicyclopentadiene	66		10.983					ND	
113 1,4-Dichlorobenzene	146		10.989					ND	
114 1,2,3-Trimethylbenzene	105		11.025					ND	
143 Benzyl chloride	126		11.129					ND	
115 n-Butylbenzene	91		11.293					ND	
116 1,2-Dichlorobenzene	146		11.342					ND	
117 1,2-Dibromo-3-Chloropropan	75		12.059					ND	
118 1,3,5-Trichlorobenzene	180		12.205					ND	
119 1,2,4-Trichlorobenzene	180		12.741					ND	
120 Hexachlorobutadiene	225		12.863					ND	
121 Naphthalene	128		12.954					ND	
122 1,2,3-Trichlorobenzene	180		13.161					ND	
142 2-Methylnaphthalene	142		13.872					ND	
133 Halothane	1		0.000					ND	
138 1-Bromopropane	1		0.000					ND	
131 Aziridine TIC	1		0.000					ND	
136 Ethylene oxide TIC	1		0.000					ND	
S 125 Total BTEX	1		30.000					ND	
S 126 Xylenes, Total	1		30.000					ND	
S 123 1,3-Dichloropropene, Total	1		30.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 124 1,2-Dichloroethene, Total	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47	9.833	2.000	7.833	0	2657			0
T 135 1-Bromopropane TIC	1		0.000					ND	
T 134 bis(chloromethyl)ether TIC	1		0.000					ND	
T 132 Bromoethane TIC	1		0.000					ND	
T 130 Propene oxide TIC	1		0.000					ND	
T 137 Pentachloroethane TIC	1		0.000					ND	
T 127 Ethanol TIC	1		0.000					ND	
T 10 Ethylene oxide	1		0.000					ND	
T 129 tert-amyl alcohol TIC	1		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 128 Hexachloroethane TIC	117		0.000					ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

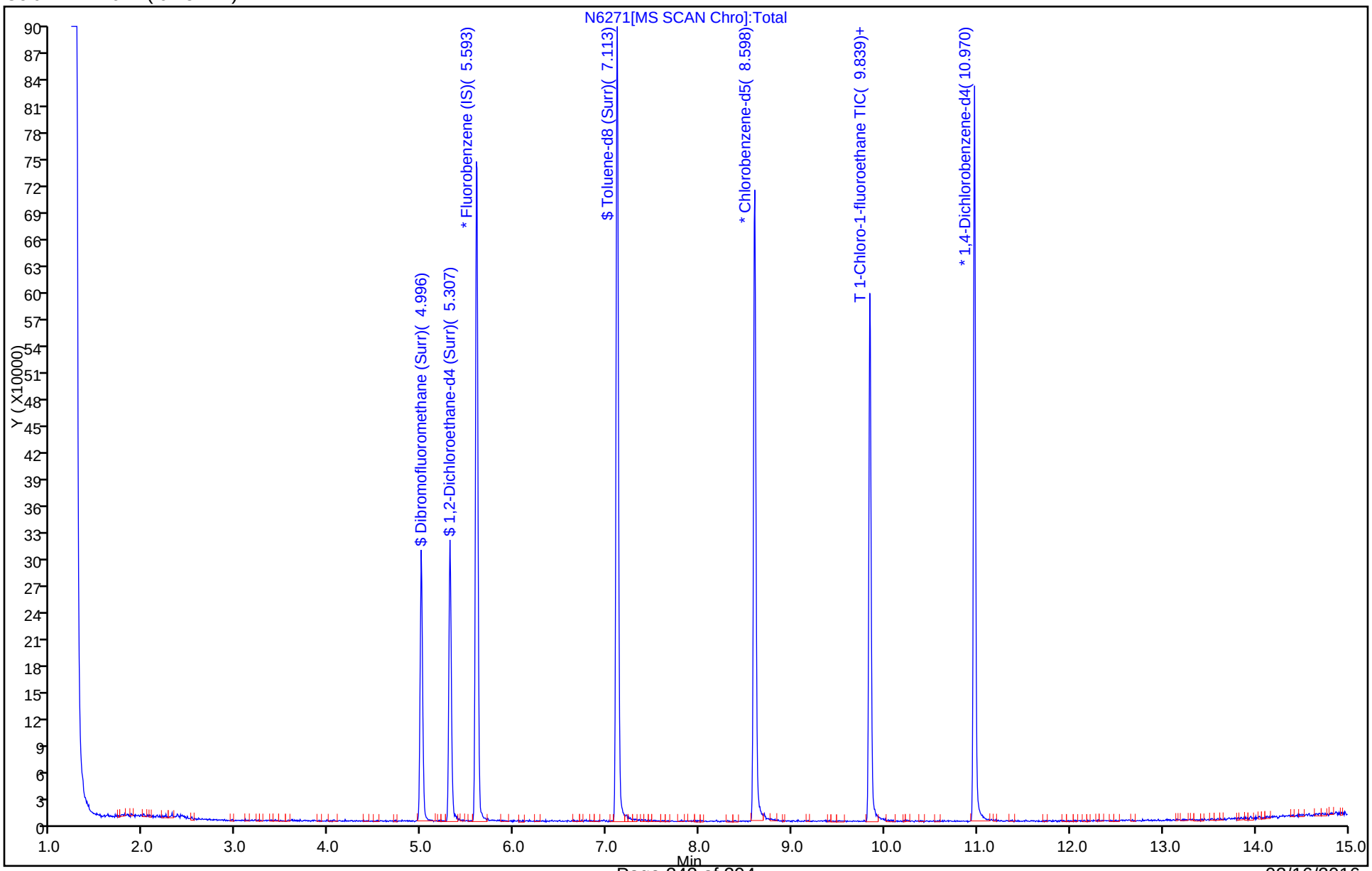
Report Date: 05-Jan-2016 10:10:50 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6271.D

Injection Date:	05-Jan-2016 00:41:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	62
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-282302/7

Matrix: Water | Lab File ID: N6301.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 13:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282302 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
123-91-1	1,4-Dioxane	ND		40	9.3
78-93-3	2-Butanone (MEK)	ND		10	1.3
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
67-66-3	Chloroform	ND		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
100-41-4	Ethylbenzene	ND		1.0	0.74
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
104-51-8	n-Butylbenzene	ND		1.0	0.64
103-65-1	N-Propylbenzene	ND		1.0	0.69
135-98-8	sec-Butylbenzene	ND		1.0	0.75
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
79-01-6	Trichloroethene	ND		1.0	0.46
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66
98-06-6	tert-Butylbenzene	ND		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-282302/7

Matrix: Water Lab File ID: N6301.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282302 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	112		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		66-137
460-00-4	4-Bromofluorobenzene (Surr)	90		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6301.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 05-Jan-2016 13:03:30 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0049728-007
Operator ID: gtg Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 13:23:29 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 13:23:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.592	0.006	98	132792	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	485770	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	236430	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	92	176860	25.0	28.0	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.306	5.307	-0.001	0	222892	25.0	28.0	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	632903	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	185743	25.0	22.4	
11 Dichlorodifluoromethane	85		1.371					ND	
12 Chlorodifluoromethane	51		1.395					ND	
13 Chloromethane	50		1.535					ND	
14 Vinyl chloride	62		1.644					ND	
144 Butadiene	54		1.675					ND	
15 Bromomethane	94		1.973					ND	
16 Chloroethane	64		2.076					ND	
17 Dichlorofluoromethane	67		2.295					ND	
18 Trichlorofluoromethane	101		2.308					ND	
141 Ethanol	45		2.587					ND	
19 Ethyl ether	59		2.600					ND	
81 Propene oxide	58		2.678					ND	
20 Acrolein	56		2.758					ND	
22 1,1-Dichloroethene	96		2.819					ND	
21 1,1,2-Trichloro-1,2,2-trif	101		2.831					ND	
23 Acetone	43		2.916					ND	
24 Iodomethane	142		2.971					ND	
25 Carbon disulfide	76		3.019					ND	
26 Isopropyl alcohol	45		3.104					ND	
27 3-Chloro-1-propene	41		3.184					ND	
29 Acetonitrile	40		3.220					ND	
28 Methyl acetate	43		3.226					ND	
30 Methylene Chloride	84		3.323					ND	
31 2-Methyl-2-propanol	59		3.482					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.555					ND	
33 trans-1,2-Dichloroethene	96		3.567					ND	
34 Acrylonitrile	53		3.591					ND	
35 Hexane	57		3.786					ND	
36 1,1-Dichloroethane	63		3.980					ND	
37 Isopropyl ether	45		4.011					ND	
39 Vinyl acetate	43		4.029					ND	
38 2-Chloro-1,3-butadiene	53		4.047					ND	
40 1,1-Dimethoxyethane	75		4.078					ND	
41 Tert-butyl ethyl ether	59		4.351					ND	
42 2,2-Dichloropropane	77		4.510					ND	
43 cis-1,2-Dichloroethene	96		4.534					ND	
44 2-Butanone (MEK)	43		4.558					ND	
45 Ethyl acetate	43		4.601					ND	
46 Propionitrile	54		4.643					ND	
48 Methacrylonitrile	67		4.765					ND	
47 Chlorobromomethane	128		4.765					ND	
49 Tetrahydrofuran	42		4.796					ND	
50 Chloroform	83		4.844					ND	
51 1,1,1-Trichloroethane	97		4.972					ND	
52 Cyclohexane	56		4.996					ND	
53 Carbon tetrachloride	117		5.118					ND	
54 1,1-Dichloropropene	75		5.124					ND	
56 Isobutyl alcohol	43		5.313					ND	
55 Benzene	78		5.325					ND	
146 Isooctane	57		5.343					ND	
140 t-Amyl alcohol	59		5.380					ND	
57 1,2-Dichloroethane	62		5.380					ND	
58 Tert-amyl methyl ether	73		5.410					ND	
59 n-Heptane	43		5.532					ND	
1 1,4-Difluorobenzene	114		5.702					ND	
61 n-Butanol	56		5.933					ND	
60 Trichloroethene	95		5.939					ND	
145 Ethyl acrylate	55		6.049					ND	
62 Methylcyclohexane	83		6.079					ND	
63 1,2-Dichloropropane	63		6.171					ND	
65 Methyl methacrylate	41		6.268					ND	
64 Dibromomethane	93		6.304					ND	
66 1,4-Dioxane	88		6.317					ND	
67 Dichlorobromomethane	83		6.457					ND	
68 2-Nitropropane	43		6.688					ND	
69 2-Chloroethyl vinyl ether	63		6.736					ND	
70 Epichlorohydrin	57		6.815					ND	
71 cis-1,3-Dichloropropene	75		6.876					ND	
72 4-Methyl-2-pentanone (MIBK	58		7.016					ND	
73 Toluene	92		7.180					ND	
74 2-Methylthiophene	97		7.314					ND	
75 trans-1,3-Dichloropropene	75		7.442					ND	
76 3-Methylthiophene	97		7.478					ND	
77 Ethyl methacrylate	69		7.491					ND	
78 1,1,2-Trichloroethane	83		7.631					ND	
79 Tetrachloroethene	166		7.722					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
80 1,3-Dichloropropane	76		7.795					ND	
82 2-Hexanone	43		7.856					ND	
149 n-Butyl acetate	43		7.971					ND	
83 Chlorodibromomethane	129		8.032					ND	
84 Ethylene Dibromide	107		8.142					ND	
139 1-Chlorohexane	55		8.580					ND	
86 3-Chlorobenzotrifluoride	180		8.592					ND	
85 Chlorobenzene	112		8.628					ND	
87 4-Chlorobenzotrifluoride	180		8.653					ND	
89 1,1,1,2-Tetrachloroethane	131		8.720					ND	
88 Ethylbenzene	91		8.720					ND	
90 m-Xylene & p-Xylene	106		8.841					ND	
91 o-Xylene	106		9.273					ND	
92 Styrene	104		9.298					ND	
93 Bromoform	173		9.529					ND	
94 2-Chlorobenzotrifluoride	180		9.565					ND	
95 Isopropylbenzene	105		9.656					ND	
97 Bromobenzene	156		9.991					ND	
98 1,1,2,2-Tetrachloroethane	83		10.021					ND	
99 1,2,3-Trichloropropane	110		10.058					ND	
101 trans-1,4-Dichloro-2-buten	53		10.070					ND	
100 N-Propylbenzene	91		10.076					ND	
102 2-Chlorotoluene	126		10.174					ND	
103 3-Chlorotoluene	126		10.240					ND	
104 1,3,5-Trimethylbenzene	105		10.253					ND	
105 4-Chlorotoluene	91		10.283					ND	
106 tert-Butylbenzene	134		10.569					ND	
107 Pentachloroethane	167		10.618					ND	
108 1,2,4-Trimethylbenzene	105		10.618					ND	
109 sec-Butylbenzene	105		10.776					ND	
110 1,3-Dichlorobenzene	146		10.904					ND	
111 4-Isopropyltoluene	119		10.916					ND	
112 Dicyclopentadiene	66		10.983					ND	
113 1,4-Dichlorobenzene	146		10.989					ND	
114 1,2,3-Trimethylbenzene	105		11.025					ND	
143 Benzyl chloride	126		11.129					ND	
115 n-Butylbenzene	91		11.299					ND	
116 1,2-Dichlorobenzene	146		11.342					ND	
117 1,2-Dibromo-3-Chloropropan	75		12.059					ND	
118 1,3,5-Trichlorobenzene	180		12.205					ND	
119 1,2,4-Trichlorobenzene	180		12.747					ND	
120 Hexachlorobutadiene	225		12.863					ND	
121 Naphthalene	128		12.954					ND	
122 1,2,3-Trichlorobenzene	180		13.155					ND	
142 2-Methylnaphthalene	142		13.872					ND	
138 1-Bromopropane	1		0.000					ND	
133 Halothane	1		0.000					ND	
131 Aziridine TIC	1		0.000					ND	
136 Ethylene oxide TIC	1		0.000					ND	
S 123 1,3-Dichloropropene, Total	1		30.000					ND	
S 124 1,2-Dichloroethene, Total	1		30.000					ND	
S 125 Total BTEX	1		30.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 126 Xylenes, Total	1		30.000					ND	
T 150 1-Chloro-1-fluoroethane TI	47	7.119	2.002	5.119	0	594			0
T 10 Ethylene oxide	1		0.000					ND	
T 127 Ethanol TIC	1		0.000					ND	
T 129 tert-amyl alcohol TIC	1		0.000					ND	
T 128 Hexachloroethane TIC	117		0.000					ND	
T 9 bis(2-chloromethyl)ether T	1		0.000					ND	
T 134 bis(chloromethyl)ether TIC	1		0.000					ND	
T 135 1-Bromopropane TIC	1		0.000					ND	
T 132 Bromoethane TIC	1		0.000					ND	
T 137 Pentachloroethane TIC	1		0.000					ND	
T 130 Propene oxide TIC	1		0.000					ND	

Reagents:

N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

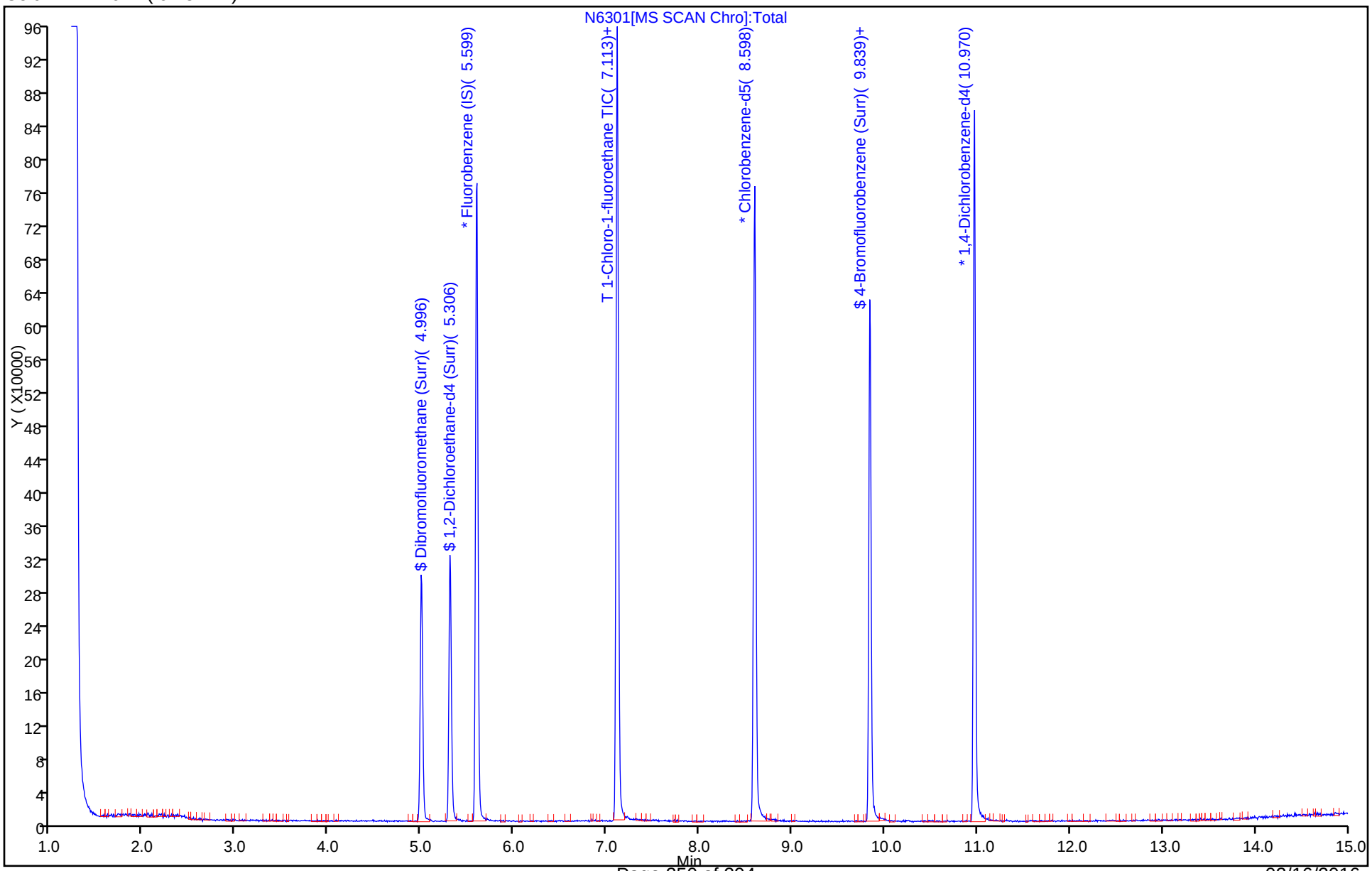
Report Date: 05-Jan-2016 13:23:30 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6301.D

Injection Date:	05-Jan-2016 13:03:30	Instrument ID:	HP5973N	Operator ID:	gtg
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-282137/5

Matrix: Water Lab File ID: N6242.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/04/2016 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282137 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.0		1.0	0.82
75-34-3	1,1-Dichloroethane	22.4		1.0	0.38
75-35-4	1,1-Dichloroethene	21.0		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	23.9		1.0	0.75
95-50-1	1,2-Dichlorobenzene	23.2		1.0	0.79
107-06-2	1,2-Dichloroethane	23.7		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	23.3		1.0	0.77
541-73-1	1,3-Dichlorobenzene	23.8		1.0	0.78
106-46-7	1,4-Dichlorobenzene	23.0		1.0	0.84
123-91-1	1,4-Dioxane	501		40	9.3
78-93-3	2-Butanone (MEK)	105		10	1.3
67-64-1	Acetone	113		10	3.0
71-43-2	Benzene	22.0		1.0	0.41
56-23-5	Carbon tetrachloride	23.0		1.0	0.27
108-90-7	Chlorobenzene	23.6		1.0	0.75
67-66-3	Chloroform	23.1		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	23.3		1.0	0.81
100-41-4	Ethylbenzene	22.2		1.0	0.74
1634-04-4	Methyl tert-butyl ether	22.2		1.0	0.16
75-09-2	Methylene Chloride	21.1		1.0	0.44
104-51-8	n-Butylbenzene	23.3		1.0	0.64
103-65-1	N-Propylbenzene	22.9		1.0	0.69
135-98-8	sec-Butylbenzene	22.8		1.0	0.75
127-18-4	Tetrachloroethene	21.5		1.0	0.36
108-88-3	Toluene	22.2		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	22.5		1.0	0.90
79-01-6	Trichloroethene	24.6		1.0	0.46
75-01-4	Vinyl chloride	21.8		1.0	0.90
1330-20-7	Xylenes, Total	45.2		2.0	0.66
98-06-6	tert-Butylbenzene	23.2		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-282137/5

Matrix: Water Lab File ID: N6242.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/04/2016 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282137 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	111		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		66-137
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6242.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 04-Jan-2016 11:20:30 ALS Bottle#: 33 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0049694-005
Operator ID: LH/RR Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Jan-2016 14:41:49 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: HillL Date: 04-Jan-2016 14:41:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.593	0.006	98	139560	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	87	527188	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.971	10.970	0.001	96	265113	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	89	183827	25.0	27.7	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	228927	25.0	27.4	
$ 6 Toluene-d8 (Surr)	98	7.114	7.113	0.001	93	682187	25.0	24.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.845	-0.006	90	218943	25.0	24.3	
11 Dichlorodifluoromethane	85	1.371	1.371	0.000	98	190351	25.0	26.5	
12 Chlorodifluoromethane	51	1.389	1.395	-0.006	97	157009	25.0	26.5	
13 Chloromethane	50	1.535	1.541	-0.006	100	249310	25.0	24.2	
14 Vinyl chloride	62	1.638	1.644	-0.006	98	159480	25.0	21.8	
144 Butadiene	54	1.675	1.675	0.000	99	156821	25.0	21.0	
15 Bromomethane	94	1.967	1.973	-0.006	94	56812	25.0	20.8	
16 Chloroethane	64	2.070	2.070	0.000	97	69072	25.0	20.0	
17 Dichlorofluoromethane	67	2.295	2.289	0.006	94	193286	25.0	21.1	
18 Trichlorofluoromethane	101	2.301	2.307	-0.006	67	198884	25.0	25.4	
141 Ethanol	45	2.593	2.581	0.012	87	206474	1000.0	2649.5	
19 Ethyl ether	59	2.600	2.599	0.001	91	162971	25.0	21.4	
81 Propene oxide	58	2.673	2.672	0.001	95	265676	NC	NC	
20 Acrolein	56	2.758	2.758	0.000	99	176297	125.0	90.8	
22 1,1-Dichloroethene	96	2.812	2.812	0.000	96	139427	25.0	21.0	
21 1,1,2-Trichloro-1,2,2-trif	101	2.825	2.825	0.000	54	127160	25.0	21.6	
23 Acetone	43	2.922	2.916	0.006	98	376074	125.0	112.9	
24 Iodomethane	142	2.971	2.971	0.000	99	234380	25.0	22.2	
25 Carbon disulfide	76	3.019	3.019	0.000	100	420523	25.0	20.0	
26 Isopropyl alcohol	45	3.104	3.098	0.006	99	132958	250.0	304.8	
27 3-Chloro-1-propene	41	3.184	3.184	0.000	87	597925	25.0	35.4	
29 Acetonitrile	40	3.220	3.214	0.006	93	205549	250.0	236.6	
28 Methyl acetate	43	3.226	3.226	0.000	99	1048540	125.0	112.3	
30 Methylene Chloride	84	3.323	3.323	0.000	97	160602	25.0	21.1	
31 2-Methyl-2-propanol	59	3.482	3.488	-0.006	97	225096	250.0	262.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73	3.555	3.555	0.000	99	547113	25.0	22.2	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	95	159881	25.0	22.5	
34 Acrylonitrile	53	3.591	3.591	0.000	97	899699	250.0	219.1	
35 Hexane	57	3.780	3.780	0.000	95	250921	25.0	19.1	
36 1,1-Dichloroethane	63	3.980	3.974	0.006	96	306842	25.0	22.4	
37 Isopropyl ether	45	4.011	4.011	0.000	85	667760	25.0	21.7	
39 Vinyl acetate	43	4.029	4.029	0.000	97	1252976	50.0	62.4	
38 2-Chloro-1,3-butadiene	53	4.047	4.047	0.000	94	296753	25.0	22.3	
40 1,1-Dimethoxyethane	75	4.072	4.072	0.000	95	205381	125.0	111.6	
41 Tert-butyl ethyl ether	59	4.352	4.352	0.000	97	568634	25.0	22.2	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	91	164885	25.0	24.2	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	82	177443	25.0	23.3	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	99	579290	125.0	104.6	M
45 Ethyl acetate	43	4.601	4.601	0.000	99	517561	50.0	48.9	
46 Propionitrile	54	4.644	4.644	0.000	98	328662	250.0	226.8	
48 Methacrylonitrile	67	4.765	4.765	0.000	96	808240	250.0	220.6	
47 Chlorobromomethane	128	4.765	4.765	0.000	43	92294	25.0	22.8	
49 Tetrahydrofuran	42	4.796	4.796	0.000	94	225228	50.0	53.5	
50 Chloroform	83	4.844	4.844	0.000	96	277292	25.0	23.1	
51 1,1,1-Trichloroethane	97	4.972	4.972	0.000	98	218383	25.0	23.0	
52 Cyclohexane	56	4.996	4.996	0.000	97	266521	25.0	19.0	
53 Carbon tetrachloride	117	5.118	5.118	0.000	97	194374	25.0	23.0	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	91	215948	25.0	22.4	
56 Isobutyl alcohol	43	5.313	5.313	0.000	98	396826	625.0	698.6	
55 Benzene	78	5.331	5.331	0.000	98	605231	25.0	22.0	
146 Isooctane	57	5.349	5.349	0.000	94	580701	25.0	22.0	
140 t-Amyl alcohol	59	5.380	5.380	0.000	57	230914	250.0	238.7	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	259713	25.0	23.7	
58 Tert-amyl methyl ether	73	5.410	5.410	0.000	96	624884	25.0	23.1	
59 n-Heptane	43	5.532	5.526	0.006	97	317670	25.0	20.7	
1 1,4-Difluorobenzene	114	5.702	5.702	0.000	95	529411	25.0	24.4	
61 n-Butanol	56	5.939	5.933	0.006	92	122983	625.0	577.8	
60 Trichloroethene	95	5.939	5.939	0.000	95	168797	25.0	24.6	
145 Ethyl acrylate	55	6.055	6.049	0.006	98	330018	25.0	30.8	
62 Methylcyclohexane	83	6.079	6.079	0.000	98	261416	25.0	20.0	
63 1,2-Dichloropropane	63	6.171	6.171	0.000	88	162878	25.0	23.1	
65 Methyl methacrylate	41	6.268	6.268	0.000	94	416713	50.0	44.5	
64 Dibromomethane	93	6.304	6.304	0.000	95	99040	25.0	24.4	
66 1,4-Dioxane	88	6.311	6.310	0.000	38	41498	500.0	501.0	
67 Dichlorobromomethane	83	6.457	6.456	0.000	98	198760	25.0	24.5	
68 2-Nitropropane	43	6.688	6.688	0.000	98	97319	50.0	28.4	
69 2-Chloroethyl vinyl ether	63	6.736	6.730	0.006	89	118430	25.0	27.5	
70 Epichlorohydrin	57	6.815	6.815	0.000	99	225311	250.0	247.1	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	92	267640	25.0	26.4	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	99	417518	125.0	106.9	
73 Toluene	92	7.180	7.174	0.006	98	417620	25.0	22.2	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	98	242170	25.0	24.9	
77 Ethyl methacrylate	69	7.497	7.497	0.000	93	219961	25.0	23.0	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	94	118556	25.0	22.9	
79 Tetrachloroethene	166	7.722	7.722	0.000	95	179434	25.0	21.5	
80 1,3-Dichloropropane	76	7.795	7.795	0.000	98	251980	25.0	23.0	
82 2-Hexanone	43	7.856	7.856	0.000	98	799676	125.0	107.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
149 n-Butyl acetate	43	7.977	7.977	0.000	98	295703	25.0	19.6	
83 Chlorodibromomethane	129	8.032	8.032	0.000	90	156743	25.0	24.4	
84 Ethylene Dibromide	107	8.142	8.142	0.000	99	150569	25.0	24.3	
139 1-Chlorohexane	55	8.580	8.580	0.000	91	186913	25.0	24.5	
86 3-Chlorobenzotrifluoride	180	8.592	8.592	0.000	92	266247	25.0	23.4	
85 Chlorobenzene	112	8.628	8.628	0.000	97	476595	25.0	23.6	
87 4-Chlorobenzotrifluoride	180	8.653	8.653	0.000	97	247559	25.0	23.8	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	92	166066	25.0	23.2	
88 Ethylbenzene	91	8.726	8.720	0.006	98	754139	25.0	22.2	
90 m-Xylene & p-Xylene	106	8.847	8.841	0.006	0	303660	25.0	22.9	
91 o-Xylene	106	9.273	9.273	0.000	97	302740	25.0	22.3	
92 Styrene	104	9.298	9.298	0.000	96	490231	25.0	23.7	
93 Bromoform	173	9.529	9.535	-0.006	96	81936	25.0	22.3	
94 2-Chlorobenzotrifluoride	180	9.565	9.571	-0.006	96	262048	25.0	23.4	
95 Isopropylbenzene	105	9.656	9.656	0.000	96	761324	25.0	22.9	
96 Cyclohexanone	55	9.802	9.802	0.000	94	78167	250.0	235.3	
97 Bromobenzene	156	9.991	9.991	0.000	93	201841	25.0	24.2	
98 1,1,2,2-Tetrachloroethane	83	10.021	10.021	0.000	95	197582	25.0	22.9	
99 1,2,3-Trichloropropane	110	10.058	10.058	0.000	89	65243	25.0	24.7	
101 trans-1,4-Dichloro-2-buten	53	10.076	10.070	0.006	63	63582	25.0	21.6	
100 N-Propylbenzene	91	10.076	10.076	0.000	99	870570	25.0	22.9	
102 2-Chlorotoluene	126	10.180	10.174	0.006	97	194088	25.0	24.3	
103 3-Chlorotoluene	126	10.240	10.240	0.000	96	211509	25.0	26.2	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	94	639721	25.0	23.3	
105 4-Chlorotoluene	91	10.283	10.283	0.000	96	563004	25.0	21.1	
106 tert-Butylbenzene	134	10.569	10.569	0.000	93	154360	25.0	23.2	
107 Pentachloroethane	167	10.618	10.618	0.000	85	92129	25.0	24.6	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	651484	25.0	23.9	
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	801982	25.0	22.8	
110 1,3-Dichlorobenzene	146	10.910	10.904	0.006	98	376753	25.0	23.8	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	721062	25.0	23.6	
112 Dicyclopentadiene	66	10.983	10.983	0.000	98	736331	25.0	20.6	
113 1,4-Dichlorobenzene	146	10.995	10.995	0.000	95	374551	25.0	23.0	
114 1,2,3-Trimethylbenzene	105	11.025	11.025	0.000	98	658146	25.0	24.5	
143 Benzyl chloride	126	11.129	11.129	0.000	99	89502	25.0	31.4	
115 n-Butylbenzene	91	11.299	11.293	0.006	97	600488	25.0	23.3	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	98	355344	25.0	23.2	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	84	36632	25.0	23.7	
118 1,3,5-Trichlorobenzene	180	12.205	12.205	0.000	98	259351	25.0	24.6	
119 1,2,4-Trichlorobenzene	180	12.747	12.747	0.000	94	231646	25.0	23.8	
120 Hexachlorobutadiene	225	12.863	12.862	0.000	98	112562	25.0	21.1	
121 Naphthalene	128	12.954	12.954	0.000	97	644609	25.0	24.2	
122 1,2,3-Trichlorobenzene	180	13.161	13.161	0.000	95	213601	25.0	23.9	
142 2-Methylnaphthalene	142	13.872	13.872	0.000	93	345619	25.0	26.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	12.50	Units: uL	
GAS CORP mix_00129	Amount Added:	12.50	Units: uL	
ADD CORP mix_00042	Amount Added:	12.50	Units: uL	
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

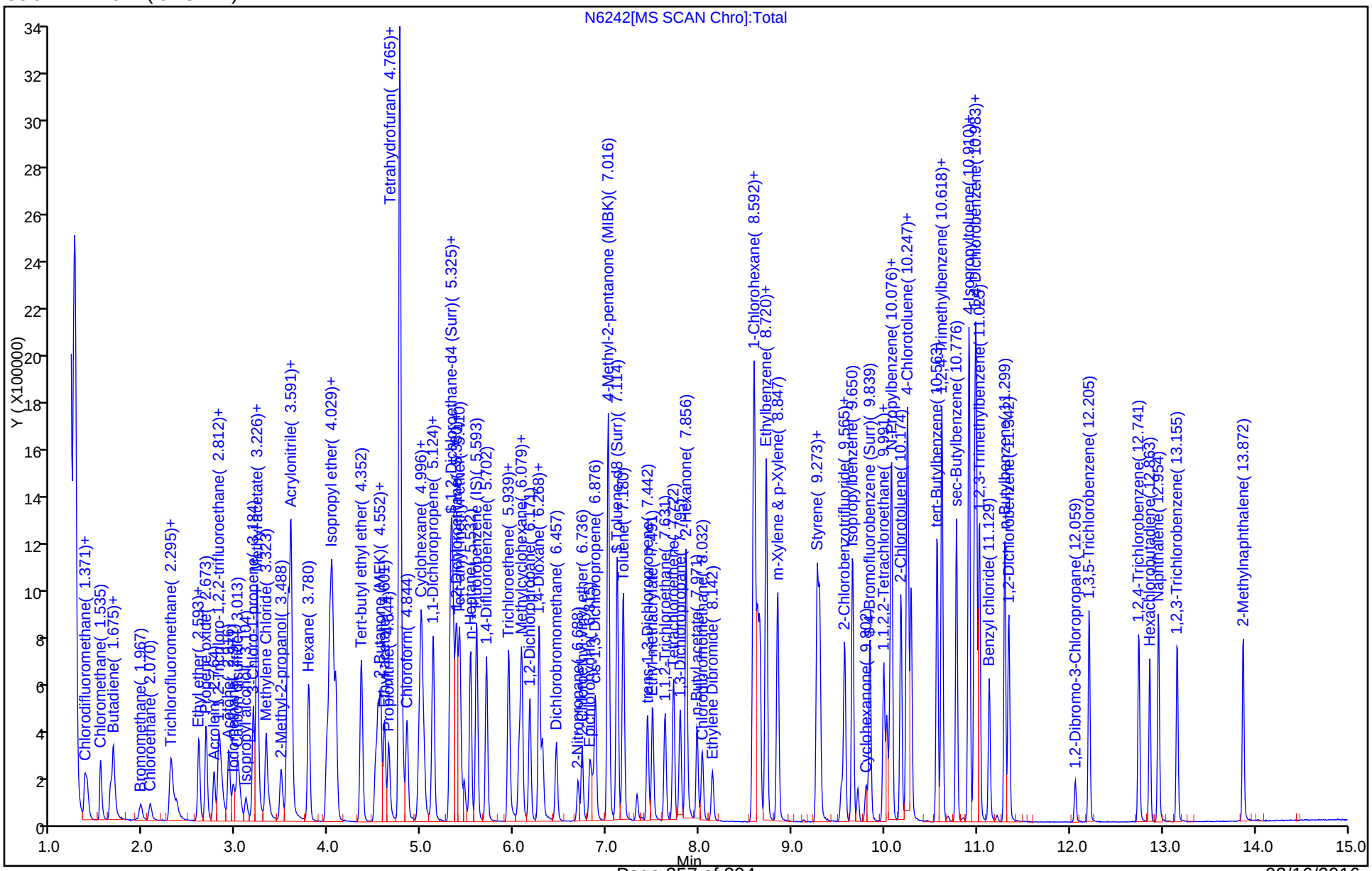
Report Date: 04-Jan-2016 14:41:50 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6242.D

Injection Date:	04-Jan-2016 11:20:30	Instrument ID:	HP5973N	Operator ID:	LH/RR
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

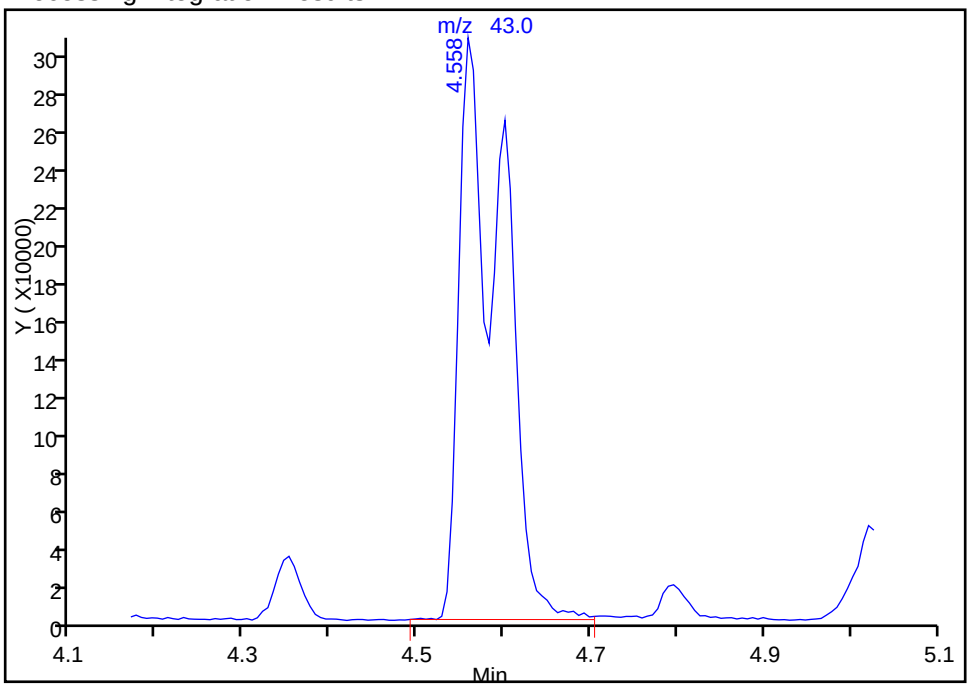
TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49694.b\N6242.D
Injection Date: 04-Jan-2016 11:20:30 Instrument ID: HP5973N
Lims ID: LCS
Client ID:
Operator ID: LH/RR ALS Bottle#: 33 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS SCAN

44 2-Butanone (MEK), CAS: 78-93-3

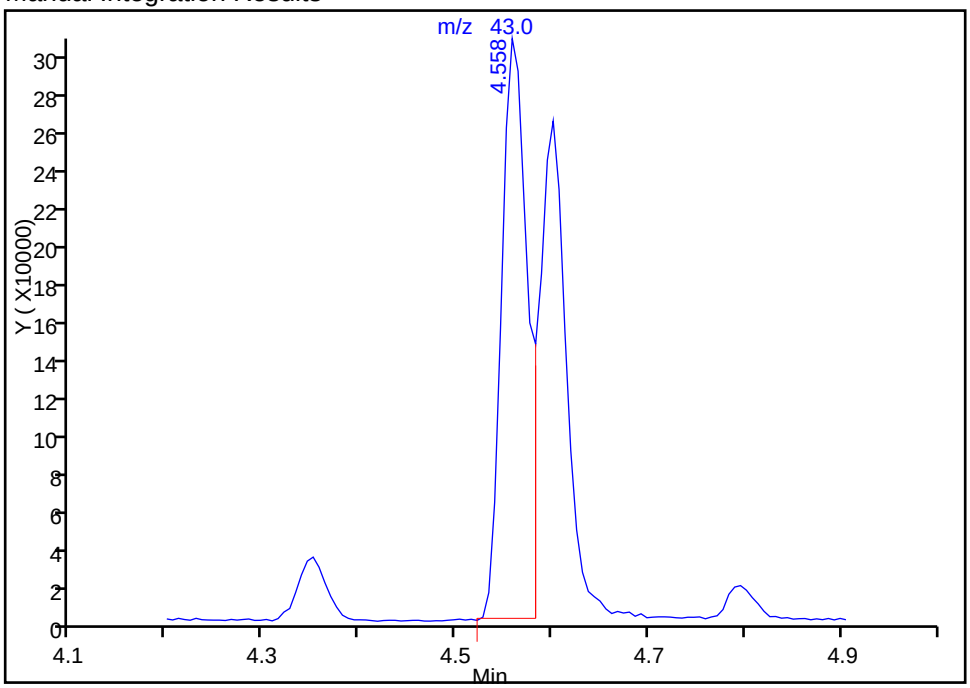
Processing Integration Results

RT: 4.56
Area: 1054270
Amount: 190.3175
Amount Units: ug/L



Manual Integration Results

RT: 4.56
Area: 579290
Amount: 104.5738
Amount Units: ug/L



Reviewer: HillL, 04-Jan-2016 14:41:49
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-282244/4

Matrix: Water | Lab File ID: N6269.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 23:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	25.0		1.0	0.82
75-34-3	1,1-Dichloroethane	23.4		1.0	0.38
75-35-4	1,1-Dichloroethene	21.4		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	23.7		1.0	0.75
95-50-1	1,2-Dichlorobenzene	23.7		1.0	0.79
107-06-2	1,2-Dichloroethane	25.0		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	23.6		1.0	0.77
541-73-1	1,3-Dichlorobenzene	23.6		1.0	0.78
106-46-7	1,4-Dichlorobenzene	23.6		1.0	0.84
123-91-1	1,4-Dioxane	520		40	9.3
78-93-3	2-Butanone (MEK)	116		10	1.3
67-64-1	Acetone	149		10	3.0
71-43-2	Benzene	23.1		1.0	0.41
56-23-5	Carbon tetrachloride	25.8		1.0	0.27
108-90-7	Chlorobenzene	23.5		1.0	0.75
67-66-3	Chloroform	24.4		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	24.5		1.0	0.81
100-41-4	Ethylbenzene	21.9		1.0	0.74
1634-04-4	Methyl tert-butyl ether	22.7		1.0	0.16
75-09-2	Methylene Chloride	22.1		1.0	0.44
104-51-8	n-Butylbenzene	23.2		1.0	0.64
103-65-1	N-Propylbenzene	23.1		1.0	0.69
135-98-8	sec-Butylbenzene	23.7		1.0	0.75
127-18-4	Tetrachloroethene	21.3		1.0	0.36
108-88-3	Toluene	22.1		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	23.7		1.0	0.90
79-01-6	Trichloroethene	24.2		1.0	0.46
75-01-4	Vinyl chloride	21.7		1.0	0.90
1330-20-7	Xylenes, Total	45.9		2.0	0.66
98-06-6	tert-Butylbenzene	23.6		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-282244/4

Matrix: Water Lab File ID: N6269.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/04/2016 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	116		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	101		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6269.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 04-Jan-2016 23:46:30 ALS Bottle#: 60 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0049715-004
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 09:48:08 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: o'briens Date: 05-Jan-2016 00:12:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.599	5.593	0.006	98	128959	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	487411	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	242758	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	83	177692	25.0	29.0	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	218778	25.0	28.3	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	636763	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr	174	9.845	9.839	0.006	93	200958	25.0	24.1	
11 Dichlorodifluoromethane	85	1.371	1.371	0.000	99	183502	25.0	27.6	
13 Chloromethane	50	1.541	1.535	0.006	99	212707	25.0	22.3	
14 Vinyl chloride	62	1.644	1.644	0.000	97	146771	25.0	21.7	
144 Butadiene	54	1.675	1.675	0.000	99	145341	25.0	21.0	
15 Bromomethane	94	1.973	1.973	0.000	94	60575	25.0	24.0	
16 Chloroethane	64	2.076	2.076	0.000	97	71311	25.0	22.4	
17 Dichlorofluoromethane	67	2.295	2.295	0.000	94	189635	25.0	22.4	
18 Trichlorofluoromethane	101	2.314	2.308	0.006	84	202009	25.0	27.9	
19 Ethyl ether	59	2.599	2.600	-0.001	96	157604	25.0	22.4	
20 Acrolein	56	2.764	2.764	0.000	98	169741	125.0	94.6	
22 1,1-Dichloroethene	96	2.818	2.819	-0.001	95	131458	25.0	21.4	
21 1,1,2-Trichloro-1,2,2-trif	101	2.831	2.831	0.000	89	128684	25.0	23.6	
23 Acetone	43	2.916	2.916	0.000	97	457853	125.0	148.8	
24 Iodomethane	142	2.971	2.977	-0.006	98	236291	25.0	24.2	
25 Carbon disulfide	76	3.019	3.019	0.000	100	394933	25.0	20.3	
27 3-Chloro-1-propene	41	3.184	3.184	0.000	88	310778	25.0	19.9	
28 Methyl acetate	43	3.226	3.226	0.000	99	984688	125.0	114.1	
30 Methylene Chloride	84	3.323	3.323	0.000	97	155587	25.0	22.1	
31 2-Methyl-2-propanol	59	3.482	3.482	0.000	96	184380	250.0	232.6	M
32 Methyl tert-butyl ether	73	3.555	3.555	0.000	99	515564	25.0	22.7	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	95	155418	25.0	23.7	
34 Acrylonitrile	53	3.591	3.591	0.000	97	871559	250.0	229.7	
35 Hexane	57	3.786	3.786	0.000	95	233752	25.0	19.3	
36 1,1-Dichloroethane	63	3.980	3.981	0.000	97	296552	25.0	23.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	4.029	4.029	0.000	97	834198	50.0	44.9	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	93	155276	25.0	24.7	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	172536	25.0	24.5	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	99	596238	125.0	116.5	
47 Chlorobromomethane	128	4.765	4.771	-0.006	96	92549	25.0	24.7	
49 Tetrahydrofuran	42	4.802	4.796	0.006	91	163267	50.0	41.9	
50 Chloroform	83	4.844	4.844	0.000	96	270338	25.0	24.4	
51 1,1,1-Trichloroethane	97	4.978	4.972	0.006	98	218955	25.0	25.0	
52 Cyclohexane	56	4.996	4.996	0.000	96	267172	25.0	20.6	
53 Carbon tetrachloride	117	5.118	5.118	0.000	97	201365	25.0	25.8	
54 1,1-Dichloropropene	75	5.130	5.130	0.000	93	210145	25.0	23.6	
56 Isobutyl alcohol	43	5.313	5.313	0.000	88	298478	625.0	568.6	
55 Benzene	78	5.331	5.331	0.000	98	586912	25.0	23.1	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	252663	25.0	25.0	
59 n-Heptane	43	5.532	5.532	0.000	97	262935	25.0	18.5	
60 Trichloroethene	95	5.939	5.939	0.000	94	153411	25.0	24.2	
62 Methylcyclohexane	83	6.079	6.079	0.000	96	265798	25.0	22.0	
63 1,2-Dichloropropane	63	6.171	6.171	0.000	86	148387	25.0	22.8	
64 Dibromomethane	93	6.304	6.304	0.000	95	100130	25.0	26.6	
66 1,4-Dioxane	88	6.310	6.311	0.000	35	39896	500.0	520.3	
67 Dichlorobromomethane	83	6.456	6.457	-0.001	96	190265	25.0	25.4	
69 2-Chloroethyl vinyl ether	63	6.736	6.736	0.000	92	95940	25.0	24.1	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	91	234386	25.0	25.0	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	99	381100	125.0	105.6	
73 Toluene	92	7.180	7.180	0.000	98	383124	25.0	22.1	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	98	207503	25.0	23.1	
77 Ethyl methacrylate	69	7.497	7.497	0.000	93	189671	25.0	21.5	
78 1,1,2-Trichloroethane	83	7.631	7.631	0.000	93	106601	25.0	22.3	
79 Tetrachloroethene	166	7.722	7.722	0.000	96	164156	25.0	21.3	
80 1,3-Dichloropropane	76	7.789	7.795	-0.006	97	229723	25.0	22.7	
82 2-Hexanone	43	7.856	7.856	0.000	98	755372	125.0	110.1	
83 Chlorodibromomethane	129	8.032	8.032	0.000	91	148678	25.0	25.0	
84 Ethylene Dibromide	107	8.142	8.142	0.000	99	138191	25.0	24.1	
85 Chlorobenzene	112	8.628	8.628	0.000	96	439003	25.0	23.5	
89 1,1,1,2-Tetrachloroethane	131	8.720	8.720	0.000	93	157879	25.0	23.9	
88 Ethylbenzene	91	8.720	8.720	0.000	98	686996	25.0	21.9	
90 m-Xylene & p-Xylene	106	8.847	8.841	0.006	0	282027	25.0	23.0	
91 o-Xylene	106	9.273	9.273	0.000	97	287755	25.0	22.9	
92 Styrene	104	9.297	9.298	-0.001	96	448682	25.0	23.4	
93 Bromoform	173	9.535	9.535	0.000	96	78088	25.0	22.9	
95 Isopropylbenzene	105	9.650	9.650	0.000	96	709020	25.0	23.2	
97 Bromobenzene	156	9.991	9.991	0.000	93	184579	25.0	24.2	
98 1,1,2,2-Tetrachloroethane	83	10.021	10.021	0.000	95	180636	25.0	22.8	
99 1,2,3-Trichloropropane	110	10.058	10.058	0.000	89	61589	25.0	25.5	
101 trans-1,4-Dichloro-2-buten	53	10.070	10.070	0.000	63	59043	25.0	21.9	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	804273	25.0	23.1	
102 2-Chlorotoluene	126	10.174	10.174	0.000	97	179346	25.0	24.6	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	96	593213	25.0	23.6	
105 4-Chlorotoluene	91	10.283	10.283	0.000	97	564243	25.0	23.0	
106 tert-Butylbenzene	134	10.569	10.569	0.000	93	143974	25.0	23.6	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	591219	25.0	23.7	
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	763591	25.0	23.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.904	10.904	0.000	98	341981	25.0	23.6	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	653599	25.0	23.4	
113 1,4-Dichlorobenzene	146	10.989	10.989	0.000	94	351497	25.0	23.6	
115 n-Butylbenzene	91	11.299	11.293	0.006	97	547500	25.0	23.2	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	97	332870	25.0	23.7	
117 1,2-Dibromo-3-Chloropropan	75	12.059	12.059	0.000	85	34096	25.0	24.1	
119 1,2,4-Trichlorobenzene	180	12.741	12.741	0.000	95	201848	25.0	22.6	
120 Hexachlorobutadiene	225	12.862	12.863	-0.001	97	101090	25.0	20.7	
121 Naphthalene	128	12.954	12.954	0.000	97	588218	25.0	24.2	
122 1,2,3-Trichlorobenzene	180	13.154	13.161	-0.007	96	185719	25.0	22.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	12.50	Units: uL	
GAS CORP mix_00129	Amount Added:	12.50	Units: uL	
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

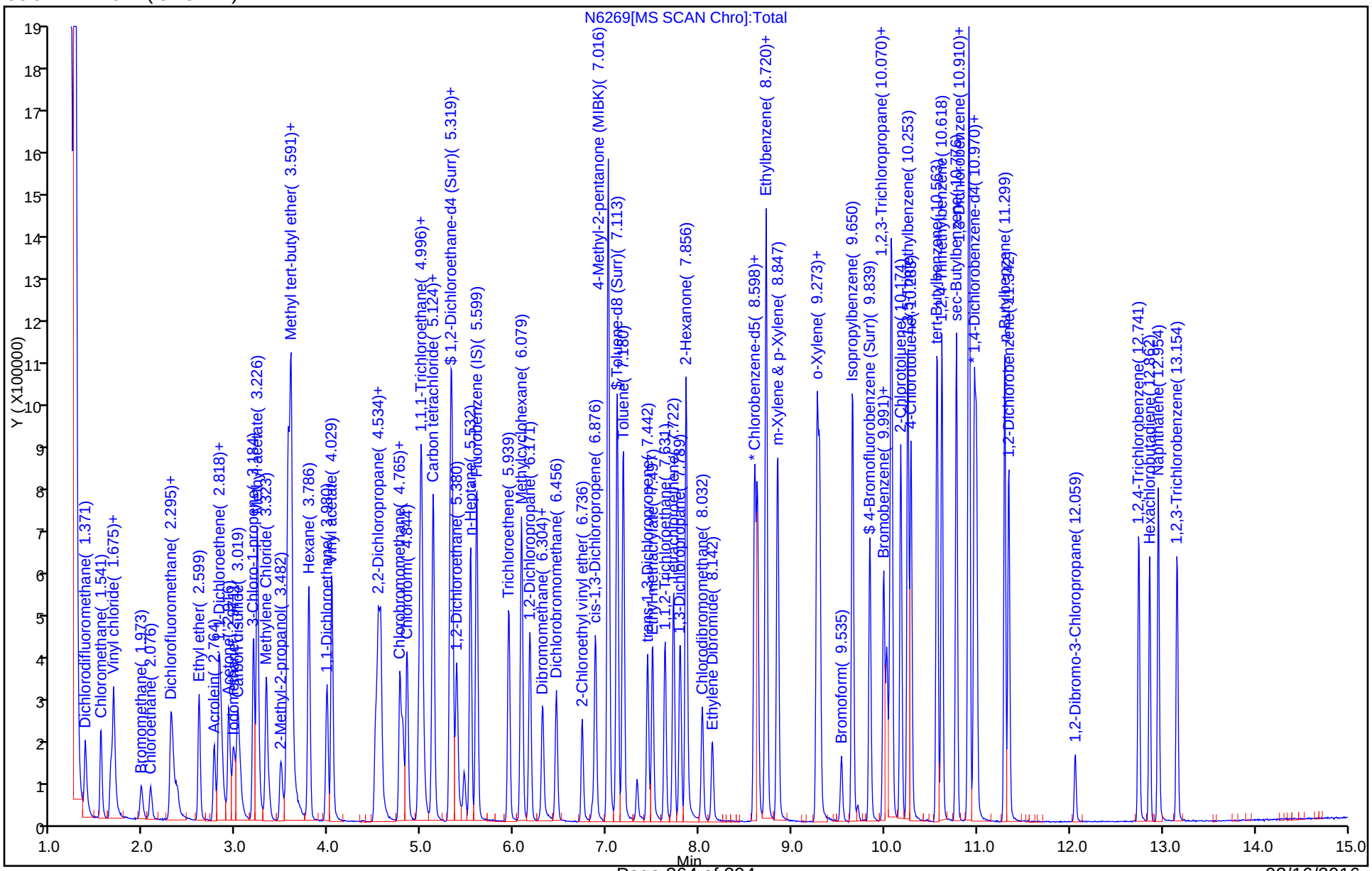
Report Date: 05-Jan-2016 09:48:11 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6269.D

Injection Date:	04-Jan-2016 23:46:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	60
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-282302/5

Matrix: Water | Lab File ID: N6299.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 12:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282302 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.0		1.0	0.82
75-34-3	1,1-Dichloroethane	22.4		1.0	0.38
75-35-4	1,1-Dichloroethene	20.7		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	23.5		1.0	0.75
95-50-1	1,2-Dichlorobenzene	23.5		1.0	0.79
107-06-2	1,2-Dichloroethane	24.0		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	22.8		1.0	0.77
541-73-1	1,3-Dichlorobenzene	23.5		1.0	0.78
106-46-7	1,4-Dichlorobenzene	23.2		1.0	0.84
123-91-1	1,4-Dioxane	526		40	9.3
78-93-3	2-Butanone (MEK)	116		10	1.3
67-64-1	Acetone	142		10	3.0
71-43-2	Benzene	22.6		1.0	0.41
56-23-5	Carbon tetrachloride	25.4		1.0	0.27
108-90-7	Chlorobenzene	23.8		1.0	0.75
67-66-3	Chloroform	23.7		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	23.2		1.0	0.81
100-41-4	Ethylbenzene	22.4		1.0	0.74
1634-04-4	Methyl tert-butyl ether	22.4		1.0	0.16
75-09-2	Methylene Chloride	22.0		1.0	0.44
104-51-8	n-Butylbenzene	23.1		1.0	0.64
103-65-1	N-Propylbenzene	22.7		1.0	0.69
135-98-8	sec-Butylbenzene	22.8		1.0	0.75
127-18-4	Tetrachloroethene	22.3		1.0	0.36
108-88-3	Toluene	22.4		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	23.0		1.0	0.90
79-01-6	Trichloroethene	23.4		1.0	0.46
75-01-4	Vinyl chloride	20.6		1.0	0.90
1330-20-7	Xylenes, Total	46.6		2.0	0.66
98-06-6	tert-Butylbenzene	22.9		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 480-282302/5

Matrix: Water Lab File ID: N6299.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 12:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282302 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	112		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		66-137
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
2037-26-5	Toluene-d8 (Surr)	101		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6299.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 05-Jan-2016 12:10:30 ALS Bottle#: 90 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0049728-005
Operator ID: gtg Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 05-Jan-2016 13:10:58 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: goliszekg Date: 05-Jan-2016 13:10:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.592	0.000	98	134433	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	497859	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	94	257283	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	5.002	4.996	0.006	92	179201	25.0	28.1	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	221106	25.0	27.4	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	655358	25.0	25.4	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	91	212110	25.0	25.0	
11 Dichlorodifluoromethane	85	1.370	1.371	-0.001	99	175841	25.0	25.4	
13 Chloromethane	50	1.535	1.535	0.000	99	216362	25.0	21.8	
14 Vinyl chloride	62	1.644	1.644	0.000	97	144869	25.0	20.6	
144 Butadiene	54	1.681	1.675	0.006	100	141120	25.0	19.6	
15 Bromomethane	94	1.973	1.973	0.000	92	61400	25.0	23.4	
16 Chloroethane	64	2.076	2.076	0.000	97	66777	25.0	20.1	
17 Dichlorofluoromethane	67	2.295	2.295	0.000	95	198796	25.0	22.5	
18 Trichlorofluoromethane	101	2.301	2.308	-0.007	76	212843	25.0	28.2	
19 Ethyl ether	59	2.599	2.600	-0.001	97	167342	25.0	22.8	
20 Acrolein	56	2.764	2.758	0.006	99	181421	125.0	97.0	
22 1,1-Dichloroethene	96	2.818	2.819	-0.001	96	132884	25.0	20.7	
21 1,1,2-Trichloro-1,2,2-trif	101	2.831	2.831	0.000	91	132994	25.0	23.4	
23 Acetone	43	2.922	2.916	0.006	98	455561	125.0	142.0	
24 Iodomethane	142	2.977	2.971	0.006	99	230481	25.0	22.7	
25 Carbon disulfide	76	3.019	3.019	0.000	100	408629	25.0	20.2	
27 3-Chloro-1-propene	41	3.183	3.184	-0.001	87	314358	25.0	19.3	
28 Methyl acetate	43	3.226	3.226	0.000	99	1010377	125.0	112.3	
30 Methylene Chloride	84	3.323	3.323	0.000	97	161511	25.0	22.0	
31 2-Methyl-2-propanol	59	3.488	3.488	0.006	96	207904	250.0	251.6	M
32 Methyl tert-butyl ether	73	3.561	3.555	0.006	99	529994	25.0	22.4	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	95	157552	25.0	23.0	
34 Acrylonitrile	53	3.591	3.591	0.000	98	923754	250.0	233.5	
35 Hexane	57	3.786	3.786	0.000	94	258650	25.0	20.5	
36 1,1-Dichloroethane	63	3.980	3.980	0.000	97	296505	25.0	22.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	4.035	4.029	0.006	98	883946	50.0	45.7	
42 2,2-Dichloropropane	77	4.510	4.510	0.000	90	151848	25.0	23.2	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	170243	25.0	23.2	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	98	620461	125.0	116.3	
47 Chlorobromomethane	128	4.771	4.765	0.006	96	97179	25.0	24.9	
49 Tetrahydrofuran	42	4.796	4.796	0.000	92	175749	50.0	43.3	
50 Chloroform	83	4.844	4.844	0.000	96	274093	25.0	23.7	
51 1,1,1-Trichloroethane	97	4.972	4.972	0.000	97	209852	25.0	23.0	
52 Cyclohexane	56	4.996	4.996	0.000	96	269703	25.0	20.0	
53 Carbon tetrachloride	117	5.118	5.118	0.000	97	206380	25.0	25.4	
54 1,1-Dichloropropene	75	5.130	5.124	0.006	92	218558	25.0	23.5	
56 Isobutyl alcohol	43	5.313	5.313	0.000	92	303507	625.0	554.7	
55 Benzene	78	5.331	5.325	0.006	98	596939	25.0	22.6	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	252792	25.0	24.0	
59 n-Heptane	43	5.532	5.532	0.000	98	302273	25.0	20.4	
60 Trichloroethene	95	5.939	5.939	0.000	95	154797	25.0	23.4	
62 Methylcyclohexane	83	6.079	6.079	0.000	96	271137	25.0	21.6	
63 1,2-Dichloropropane	63	6.170	6.171	-0.001	88	158153	25.0	23.3	
64 Dibromomethane	93	6.304	6.304	0.000	94	102999	25.0	26.3	
66 1,4-Dioxane	88	6.316	6.317	-0.001	34	41219	500.0	526.1	
67 Dichlorobromomethane	83	6.456	6.457	0.000	98	198513	25.0	25.4	
69 2-Chloroethyl vinyl ether	63	6.736	6.736	0.000	93	110463	25.0	26.6	
71 cis-1,3-Dichloropropene	75	6.876	6.876	0.000	91	252230	25.0	25.8	
72 4-Methyl-2-pentanone (MIBK	58	7.016	7.016	0.000	99	415139	125.0	112.6	
73 Toluene	92	7.180	7.180	0.000	98	397113	25.0	22.4	
75 trans-1,3-Dichloropropene	75	7.442	7.442	0.000	98	226430	25.0	24.7	
77 Ethyl methacrylate	69	7.497	7.491	0.006	94	210241	25.0	23.3	
78 1,1,2-Trichloroethane	83	7.630	7.631	-0.001	94	116844	25.0	24.0	
79 Tetrachloroethene	166	7.722	7.722	0.000	96	175423	25.0	22.3	
80 1,3-Dichloropropane	76	7.789	7.795	-0.006	98	243694	25.0	23.6	
82 2-Hexanone	43	7.856	7.856	0.000	98	829475	125.0	118.3	
83 Chlorodibromomethane	129	8.032	8.032	0.000	90	161826	25.0	26.7	
84 Ethylene Dibromide	107	8.142	8.142	0.000	100	150389	25.0	25.7	
85 Chlorobenzene	112	8.628	8.628	0.000	95	455329	25.0	23.8	
89 1,1,1,2-Tetrachloroethane	131	8.719	8.720	-0.001	93	164810	25.0	24.4	
88 Ethylbenzene	91	8.719	8.720	-0.001	98	717408	25.0	22.4	
90 m-Xylene & p-Xylene	106	8.847	8.841	0.006	0	292911	25.0	23.4	
91 o-Xylene	106	9.273	9.273	0.000	97	296990	25.0	23.2	
92 Styrene	104	9.297	9.298	-0.001	95	471901	25.0	24.1	
93 Bromoform	173	9.535	9.529	0.006	96	87081	25.0	25.0	
95 Isopropylbenzene	105	9.650	9.656	-0.006	96	738939	25.0	22.9	
97 Bromobenzene	156	9.991	9.991	0.000	91	196059	25.0	24.2	
98 1,1,2,2-Tetrachloroethane	83	10.021	10.021	0.000	93	195694	25.0	23.3	
99 1,2,3-Trichloropropane	110	10.058	10.058	0.000	88	68140	25.0	26.6	
101 trans-1,4-Dichloro-2-buten	53	10.076	10.070	0.006	63	64925	25.0	22.8	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	839007	25.0	22.7	
102 2-Chlorotoluene	126	10.173	10.174	-0.001	97	183987	25.0	23.8	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	95	608366	25.0	22.8	
105 4-Chlorotoluene	91	10.283	10.283	0.000	97	592381	25.0	22.8	
106 tert-Butylbenzene	134	10.563	10.569	-0.006	93	147769	25.0	22.9	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	622690	25.0	23.5	
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	778267	25.0	22.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.903	10.904	-0.001	98	360106	25.0	23.5	
111 4-Isopropyltoluene	119	10.916	10.916	0.000	97	690277	25.0	23.3	
113 1,4-Dichlorobenzene	146	10.989	10.989	0.000	95	366769	25.0	23.2	
115 n-Butylbenzene	91	11.293	11.299	-0.006	97	576908	25.0	23.1	
116 1,2-Dichlorobenzene	146	11.335	11.342	-0.007	98	349625	25.0	23.5	
117 1,2-Dibromo-3-Chloropropan	75	12.053	12.059	-0.006	85	37383	25.0	25.0	
119 1,2,4-Trichlorobenzene	180	12.741	12.747	-0.006	94	222286	25.0	23.5	
120 Hexachlorobutadiene	225	12.862	12.863	-0.001	97	109671	25.0	21.2	
121 Naphthalene	128	12.954	12.954	0.000	97	641555	25.0	24.9	
122 1,2,3-Trichlorobenzene	180	13.154	13.155	-0.001	96	202428	25.0	23.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00062	Amount Added:	12.50	Units: uL	
GAS CORP mix_00129	Amount Added:	12.50	Units: uL	
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

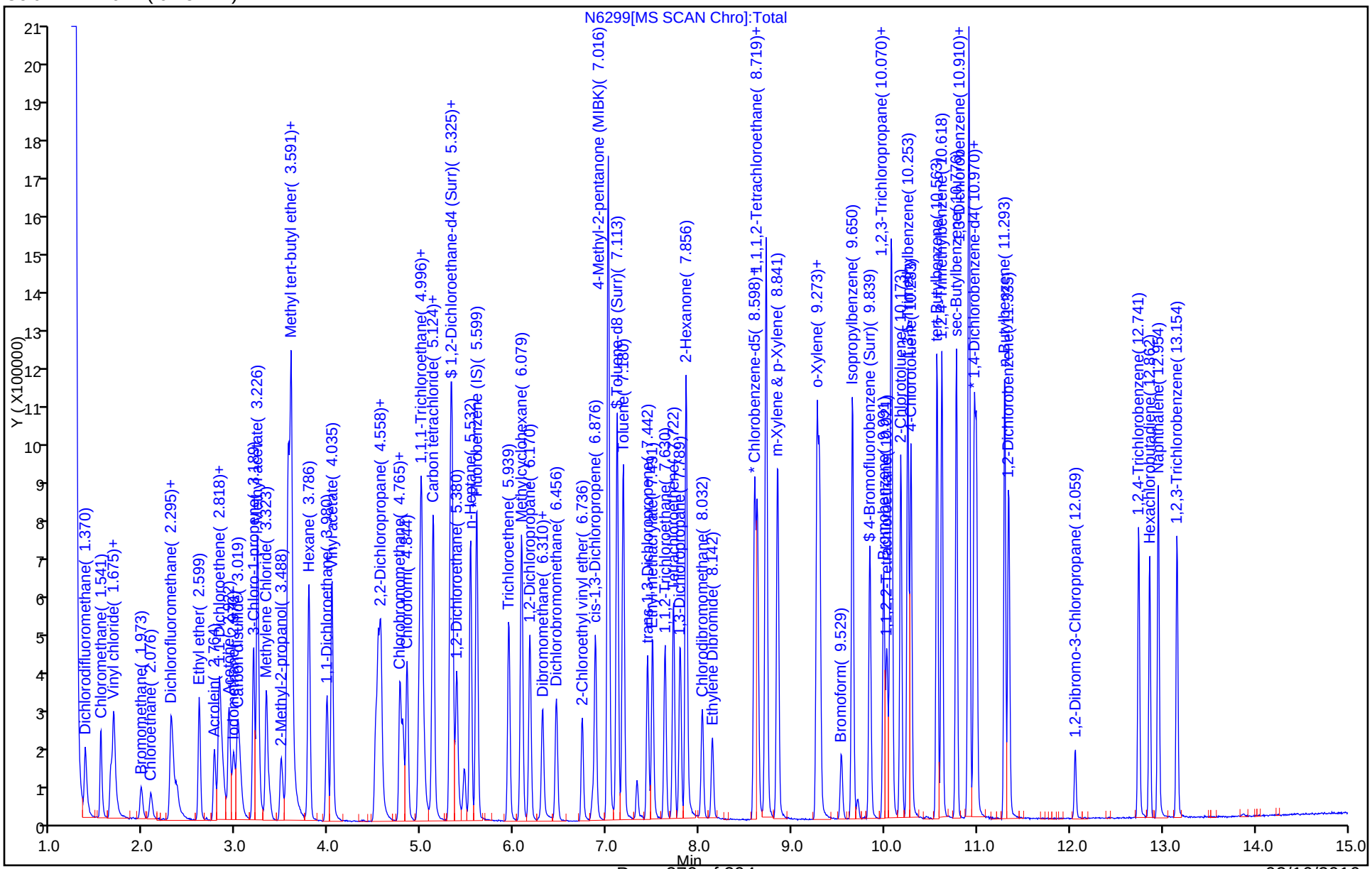
Report Date: 05-Jan-2016 13:10:59 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160105-49728.b\N6299.D

Injection Date:	05-Jan-2016 12:10:30	Instrument ID:	HP5973N	Operator ID:	gtg
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	90
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-3 MS | Lab Sample ID: 480-93079-4 MS

Matrix: Water | Lab File ID: N6289.D

Analysis Method: 8260C | Date Collected: 12/22/2015 09:36

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 08:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	27.6		1.0	0.82
75-34-3	1,1-Dichloroethane	24.8		1.0	0.38
75-35-4	1,1-Dichloroethene	24.2		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	26.2		1.0	0.75
95-50-1	1,2-Dichlorobenzene	25.9		1.0	0.79
107-06-2	1,2-Dichloroethane	26.9		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	25.8		1.0	0.77
541-73-1	1,3-Dichlorobenzene	25.7		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.9		1.0	0.84
123-91-1	1,4-Dioxane	426		40	9.3
78-93-3	2-Butanone (MEK)	116		10	1.3
67-64-1	Acetone	133		10	3.0
71-43-2	Benzene	25.2		1.0	0.41
56-23-5	Carbon tetrachloride	29.6		1.0	0.27
108-90-7	Chlorobenzene	26.6		1.0	0.75
67-66-3	Chloroform	26.3		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	48.8		1.0	0.81
100-41-4	Ethylbenzene	24.7		1.0	0.74
1634-04-4	Methyl tert-butyl ether	23.1		1.0	0.16
75-09-2	Methylene Chloride	23.6		1.0	0.44
104-51-8	n-Butylbenzene	25.8		1.0	0.64
103-65-1	N-Propylbenzene	25.5		1.0	0.69
135-98-8	sec-Butylbenzene	26.1		1.0	0.75
127-18-4	Tetrachloroethene	25.5		1.0	0.36
108-88-3	Toluene	25.0		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	26.1		1.0	0.90
79-01-6	Trichloroethene	27.3		1.0	0.46
75-01-4	Vinyl chloride	20.1		1.0	0.90
1330-20-7	Xylenes, Total	51.0		2.0	0.66
98-06-6	tert-Butylbenzene	26.0		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-3 MS Lab Sample ID: 480-93079-4 MS

Matrix: Water Lab File ID: N6289.D

Analysis Method: 8260C Date Collected: 12/22/2015 09:36

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 08:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	113		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		66-137
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
2037-26-5	Toluene-d8 (Surr)	100		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6289.D
Lims ID: 480-93079-B-4 MS
Client ID: MW-3
Sample Type: MS
Inject. Date: 05-Jan-2016 08:45:30 ALS Bottle#: 80 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-93079-B-4 MS
Misc. Info.: 480-0049715-024
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 06-Jan-2016 12:25:36 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: HillL Date: 06-Jan-2016 12:25:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	126304	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	85	468452	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.970	10.970	0.000	95	241675	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	4.996	0.000	81	168978	25.0	28.2	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	211663	25.0	27.9	
$ 6 Toluene-d8 (Surr)	98	7.113	7.113	0.000	93	610113	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	90	193687	25.0	24.2	
14 Vinyl chloride	62	1.644	1.644	0.000	98	133050	25.0	20.1	
22 1,1-Dichloroethene	96	2.818	2.819	-0.001	95	145461	25.0	24.2	
23 Acetone	43	2.916	2.916	0.000	97	400693	125.0	133.0	
30 Methylene Chloride	84	3.329	3.323	0.006	97	162573	25.0	23.6	
32 Methyl tert-butyl ether	73	3.555	3.555	0.000	99	513849	25.0	23.1	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	96	167386	25.0	26.1	
36 1,1-Dichloroethane	63	3.980	3.981	0.000	97	308154	25.0	24.8	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	336308	25.0	48.8	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	98	582083	125.0	116.1	
50 Chloroform	83	4.844	4.844	0.000	96	285074	25.0	26.3	
51 1,1,1-Trichloroethane	97	4.972	4.972	0.000	98	236596	25.0	27.6	
53 Carbon tetrachloride	117	5.118	5.118	0.000	98	226406	25.0	29.6	
55 Benzene	78	5.331	5.331	0.000	98	626966	25.0	25.2	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	266778	25.0	26.9	
60 Trichloroethene	95	5.939	5.939	0.000	94	169604	25.0	27.3	
66 1,4-Dioxane	88	6.317	6.311	0.006	38	31176	500.0	426.1	
73 Toluene	92	7.174	7.180	-0.006	98	417947	25.0	25.0	
79 Tetrachloroethene	166	7.722	7.722	0.000	96	188631	25.0	25.5	
85 Chlorobenzene	112	8.628	8.628	0.000	95	478220	25.0	26.6	
88 Ethylbenzene	91	8.720	8.720	0.000	98	744456	25.0	24.7	
90 m-Xylene & p-Xylene	106	8.847	8.841	0.006	0	309344		26.3	
91 o-Xylene	106	9.273	9.273	0.000	96	297122		24.7	
100 N-Propylbenzene	91	10.076	10.076	0.000	98	885064	25.0	25.5	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	95	644804	25.0	25.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134	10.563	10.569	-0.006	94	157767	25.0	26.0	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	652358	25.0	26.2	
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	836833	25.0	26.1	
110 1,3-Dichlorobenzene	146	10.904	10.904	0.000	98	370019	25.0	25.7	
113 1,4-Dichlorobenzene	146	10.989	10.989	0.000	94	385329	25.0	25.9	
115 n-Butylbenzene	91	11.299	11.293	0.006	97	605081	25.0	25.8	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	98	362236	25.0	25.9	
S 126 Xylenes, Total	1				0			50.9	

Reagents:

8260 CORP mix_00062	Amount Added:	12.50	Units: uL	
GAS CORP mix_00129	Amount Added:	12.50	Units: uL	
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

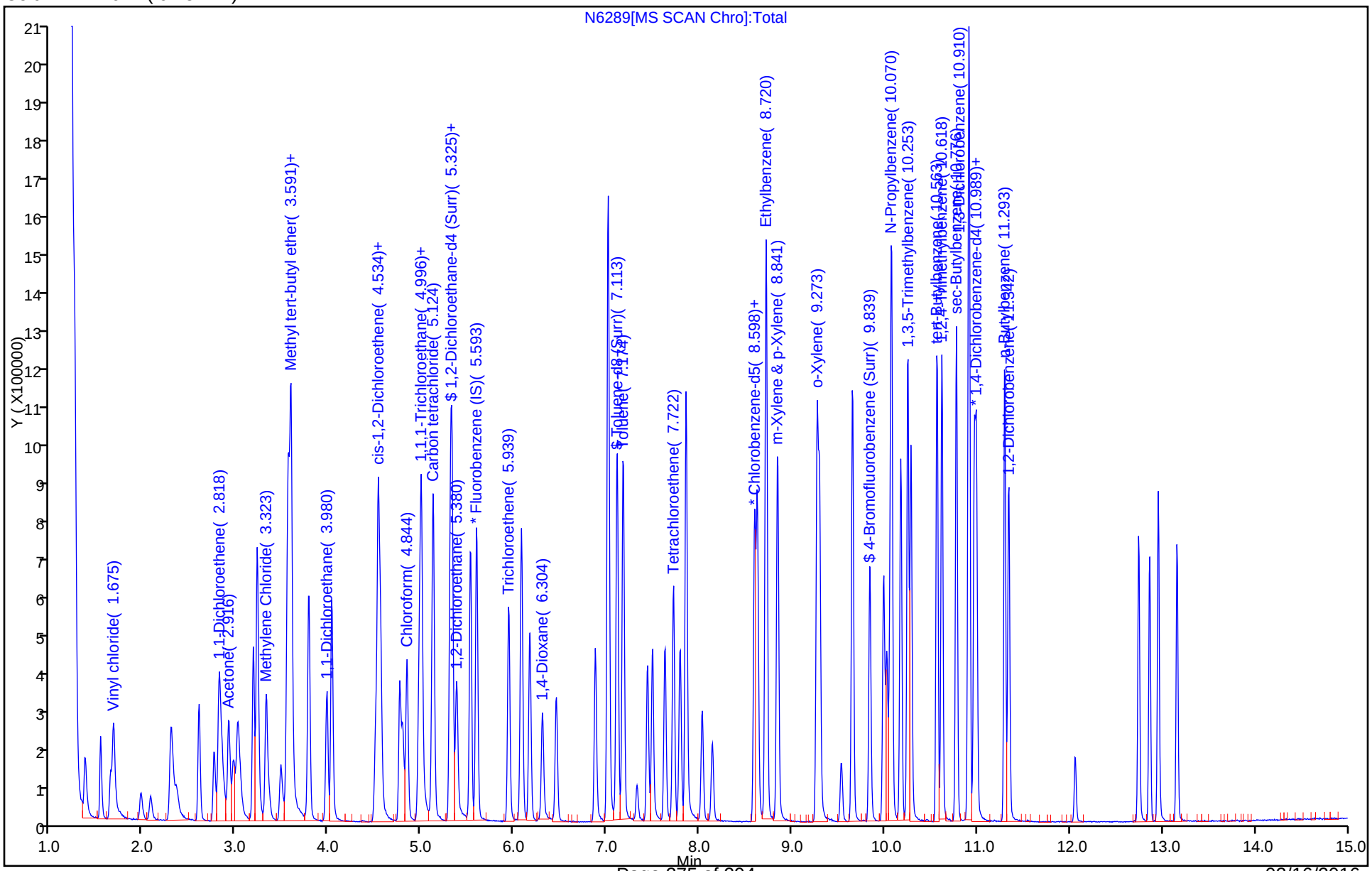
Report Date: 06-Jan-2016 12:25:37 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6289.D

Injection Date:	05-Jan-2016 08:45:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	480-93079-B-4 MS			Worklist Smp#:	24
Client ID:	MW-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	80
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-3 MSD | Lab Sample ID: 480-93079-4 MSD

Matrix: Water | Lab File ID: N6290.D

Analysis Method: 8260C | Date Collected: 12/22/2015 09:36

Sample wt/vol: 5(mL) | Date Analyzed: 01/05/2016 09:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 282244 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	29.9		1.0	0.82
75-34-3	1,1-Dichloroethane	26.6		1.0	0.38
75-35-4	1,1-Dichloroethene	25.4		1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	26.8		1.0	0.75
95-50-1	1,2-Dichlorobenzene	26.0		1.0	0.79
107-06-2	1,2-Dichloroethane	27.7		1.0	0.21
108-67-8	1,3,5-Trimethylbenzene	26.7		1.0	0.77
541-73-1	1,3-Dichlorobenzene	26.7		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.7		1.0	0.84
123-91-1	1,4-Dioxane	447		40	9.3
78-93-3	2-Butanone (MEK)	121		10	1.3
67-64-1	Acetone	132		10	3.0
71-43-2	Benzene	26.7		1.0	0.41
56-23-5	Carbon tetrachloride	32.0		1.0	0.27
108-90-7	Chlorobenzene	26.5		1.0	0.75
67-66-3	Chloroform	27.4		1.0	0.34
156-59-2	cis-1,2-Dichloroethene	50.9		1.0	0.81
100-41-4	Ethylbenzene	25.4		1.0	0.74
1634-04-4	Methyl tert-butyl ether	24.1		1.0	0.16
75-09-2	Methylene Chloride	24.6		1.0	0.44
104-51-8	n-Butylbenzene	27.0		1.0	0.64
103-65-1	N-Propylbenzene	26.6		1.0	0.69
135-98-8	sec-Butylbenzene	27.3		1.0	0.75
127-18-4	Tetrachloroethene	25.5		1.0	0.36
108-88-3	Toluene	25.3		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	27.1		1.0	0.90
79-01-6	Trichloroethene	29.8		1.0	0.46
75-01-4	Vinyl chloride	24.1		1.0	0.90
1330-20-7	Xylenes, Total	51.7		2.0	0.66
98-06-6	tert-Butylbenzene	27.2		1.0	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Client Sample ID: MW-3 MSD Lab Sample ID: 480-93079-4 MSD

Matrix: Water Lab File ID: N6290.D

Analysis Method: 8260C Date Collected: 12/22/2015 09:36

Sample wt/vol: 5(mL) Date Analyzed: 01/05/2016 09:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 282244 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	114		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	101		71-126

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6290.D
Lims ID: 480-93079-B-4 MSD
Client ID: MW-3
Sample Type: MSD
Inject. Date: 05-Jan-2016 09:12:30 ALS Bottle#: 81 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-93079-B-4 MSD
Misc. Info.: 480-0049715-025
Operator ID: SO Instrument ID: HP5973N

Method: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 06-Jan-2016 12:25:50 Calib Date: 23-Dec-2015 04:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Buffalo\ChromData\HP5973N\20151222-49506.b\N5901.D

Column 1 : ZB-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: goliszekg Date: 05-Jan-2016 10:05:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.593	5.593	0.000	98	127196	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.598	8.598	0.000	86	488459	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.971	10.970	0.000	95	243793	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.996	5.002	0.000	77	172650	25.0	28.6	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.307	5.307	0.000	0	216371	25.0	28.4	
$ 6 Toluene-d8 (Surr)	98	7.114	7.113	0.001	93	638062	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr	174	9.839	9.839	0.000	89	198112	25.0	23.8	
14 Vinyl chloride	62	1.644	1.644	0.000	98	160605	25.0	24.1	
22 1,1-Dichloroethene	96	2.819	2.819	-0.001	94	154135	25.0	25.4	
23 Acetone	43	2.922	2.916	0.006	98	399908	125.0	131.8	
30 Methylene Chloride	84	3.330	3.323	0.007	98	170764	25.0	24.6	
32 Methyl tert-butyl ether	73	3.555	3.555	0.000	99	540790	25.0	24.1	
33 trans-1,2-Dichloroethene	96	3.567	3.567	0.000	95	175496	25.0	27.1	
36 1,1-Dichloroethane	63	3.980	3.981	0.000	97	332984	25.0	26.6	
43 cis-1,2-Dichloroethene	96	4.534	4.534	0.000	83	353342	25.0	50.9	
44 2-Butanone (MEK)	43	4.558	4.558	0.000	98	610369	125.0	120.9	
50 Chloroform	83	4.844	4.844	0.000	96	299090	25.0	27.4	
51 1,1,1-Trichloroethane	97	4.978	4.972	0.006	98	258768	25.0	29.9	
53 Carbon tetrachloride	117	5.118	5.118	0.000	98	246117	25.0	32.0	
55 Benzene	78	5.331	5.331	0.000	98	667993	25.0	26.7	
57 1,2-Dichloroethane	62	5.380	5.380	0.000	97	276156	25.0	27.7	
60 Trichloroethene	95	5.939	5.939	0.000	95	186449	25.0	29.8	
66 1,4-Dioxane	88	6.323	6.311	0.013	79	34201	500.0	447.4	
73 Toluene	92	7.180	7.181	0.000	99	439528	25.0	25.3	
79 Tetrachloroethene	166	7.722	7.722	0.000	95	196513	25.0	25.5	
85 Chlorobenzene	112	8.628	8.628	0.000	96	495927	25.0	26.5	
88 Ethylbenzene	91	8.720	8.720	0.000	98	797604	25.0	25.4	
90 m-Xylene & p-Xylene	106	8.847	8.841	0.006	0	325081		26.5	
91 o-Xylene	106	9.273	9.273	0.000	96	316105		25.2	
100 N-Propylbenzene	91	10.076	10.076	0.000	99	929943	25.0	26.6	
104 1,3,5-Trimethylbenzene	105	10.253	10.253	0.000	95	673132	25.0	26.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
106 tert-Butylbenzene	134	10.563	10.569	-0.006	94	166590	25.0	27.2	
108 1,2,4-Trimethylbenzene	105	10.618	10.618	0.000	97	671297	25.0	26.8	
109 sec-Butylbenzene	105	10.776	10.776	0.000	94	882781	25.0	27.3	
110 1,3-Dichlorobenzene	146	10.904	10.904	0.000	98	388226	25.0	26.7	
113 1,4-Dichlorobenzene	146	10.989	10.989	0.000	94	385149	25.0	25.7	
115 n-Butylbenzene	91	11.293	11.293	0.000	97	640963	25.0	27.0	
116 1,2-Dichlorobenzene	146	11.342	11.342	0.000	97	365758	25.0	26.0	
S 126 Xylenes, Total	1				0			51.6	

Reagents:

8260 CORP mix_00062	Amount Added:	12.50	Units: uL	
GAS CORP mix_00129	Amount Added:	12.50	Units: uL	
N 8260 IS_00012	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00165	Amount Added:	1.00	Units: uL	Run Reagent

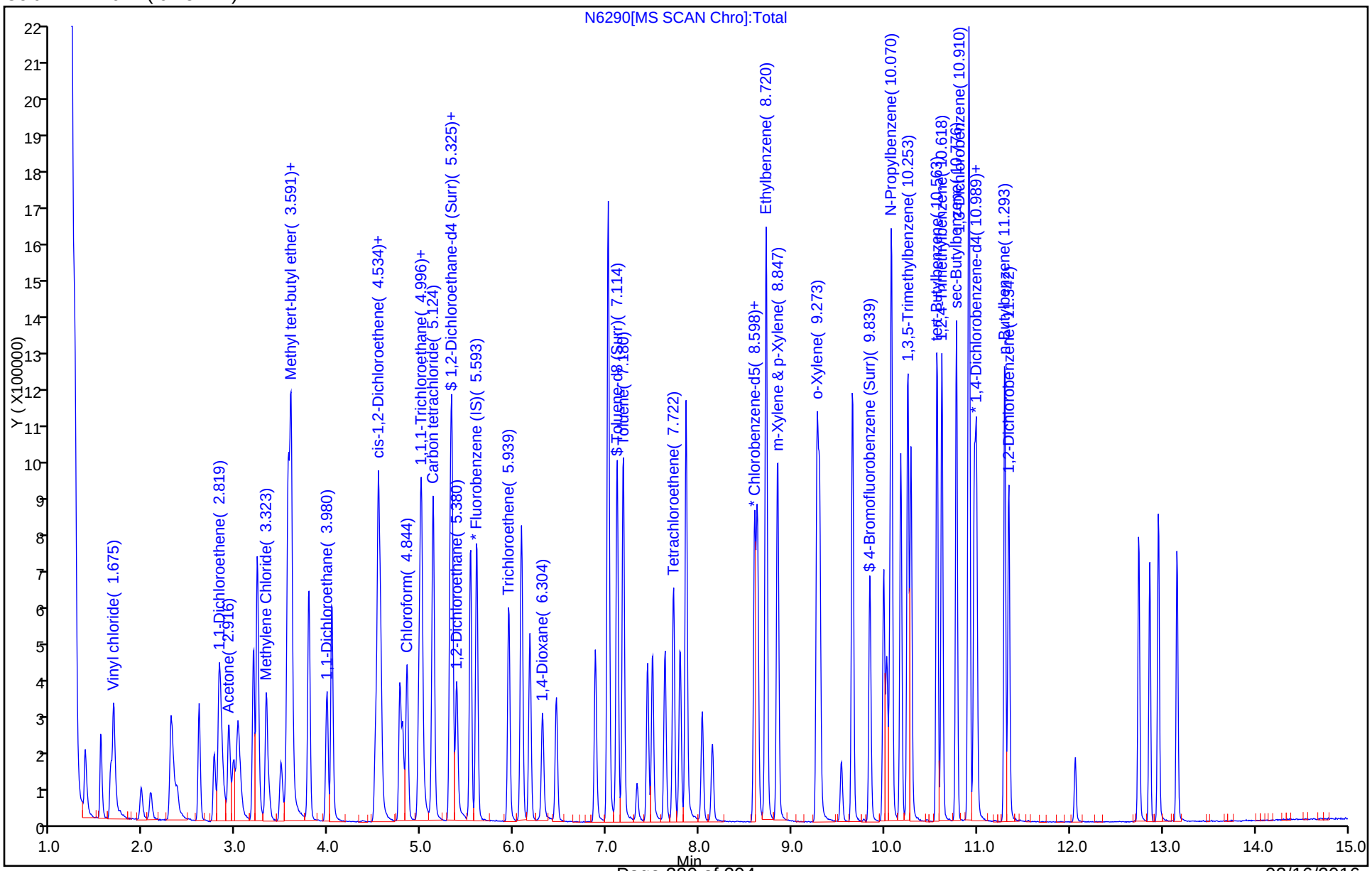
Report Date: 06-Jan-2016 12:25:50 Chrom Revision: 2.2 02-Dec-2015 11:51:48

TestAmerica Buffalo

Data File: \\ChromNA\Buffalo\ChromData\HP5973N\20160104-49715.b\N6290.D

Injection Date:	05-Jan-2016 09:12:30	Instrument ID:	HP5973N	Operator ID:	SO
Lims ID:	480-93079-B-4 MSD			Worklist Smp#:	25
Client ID:	MW-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	81
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Instrument ID: HP5973N Start Date: 12/22/2015 19:39

Analysis Batch Number: 281170 End Date: 12/23/2015 06:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-281170/1		12/22/2015 19:39	1	N5881.D	ZB-624 (60) 0.25(mm)
IC 480-281170/3		12/22/2015 20:31	1	N5883.D	ZB-624 (60) 0.25(mm)
IC 480-281170/4		12/22/2015 20:58	1	N5884.D	ZB-624 (60) 0.25(mm)
IC 480-281170/5		12/22/2015 21:24	1	N5885.D	ZB-624 (60) 0.25(mm)
IC 480-281170/6		12/22/2015 21:51	1	N5886.D	ZB-624 (60) 0.25(mm)
IC 480-281170/7		12/22/2015 22:18	1	N5887.D	ZB-624 (60) 0.25(mm)
ICIS 480-281170/8		12/22/2015 22:45	1	N5888.D	ZB-624 (60) 0.25(mm)
IC 480-281170/9		12/22/2015 23:12	1	N5889.D	ZB-624 (60) 0.25(mm)
IC 480-281170/10		12/22/2015 23:39	1	N5890.D	ZB-624 (60) 0.25(mm)
MDLV 480-281170/12		12/23/2015 00:33	1		ZB-624 (60) 0.25(mm)
MDLV 480-281170/13		12/23/2015 01:00	1		ZB-624 (60) 0.25(mm)
IC 480-281170/15		12/23/2015 01:52	1		ZB-624 (60) 0.25(mm)
IC 480-281170/16		12/23/2015 02:19	1		ZB-624 (60) 0.25(mm)
IC 480-281170/17		12/23/2015 02:46	1		ZB-624 (60) 0.25(mm)
IC 480-281170/18		12/23/2015 03:13	1		ZB-624 (60) 0.25(mm)
IC 480-281170/19		12/23/2015 03:40	1		ZB-624 (60) 0.25(mm)
IC 480-281170/20		12/23/2015 04:07	1		ZB-624 (60) 0.25(mm)
IC 480-281170/21		12/23/2015 04:34	1		ZB-624 (60) 0.25(mm)
MDLV 480-281170/23		12/23/2015 05:27	1		ZB-624 (60) 0.25(mm)
ICV 480-281170/24		12/23/2015 05:54	1		ZB-624 (60) 0.25(mm)
ICV 480-281170/25		12/23/2015 06:21	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Instrument ID: HP5973N Start Date: 01/04/2016 09:41

Analysis Batch Number: 282137 End Date: 01/04/2016 21:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-282137/2		01/04/2016 09:41	1	N6239.D	ZB-624 (60) 0.25(mm)
CCVIS 480-282137/3		01/04/2016 10:07	1	N6240.D	ZB-624 (60) 0.25(mm)
CCV 480-282137/4		01/04/2016 10:53	1		ZB-624 (60) 0.25(mm)
LCS 480-282137/5		01/04/2016 11:20	1	N6242.D	ZB-624 (60) 0.25(mm)
MB 480-282137/7		01/04/2016 12:14	1	N6244.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 12:48	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 13:16	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 13:43	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 14:10	10		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 14:37	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 15:04	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 15:31	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 15:58	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 16:25	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 16:52	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 17:19	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 17:45	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 18:12	20		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 18:39	20		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 19:06	20		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 19:33	20		ZB-624 (60) 0.25(mm)
480-93079-5		01/04/2016 20:00	20	N6261.D	ZB-624 (60) 0.25(mm)
480-93079-6		01/04/2016 20:27	20	N6262.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 20:54	20		ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 21:20	20		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Instrument ID: HP5973N Start Date: 01/04/2016 21:48

Analysis Batch Number: 282244 End Date: 01/05/2016 09:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-282244/1		01/04/2016 21:48	1	N6265.D	ZB-624 (60) 0.25(mm)
CCVIS 480-282244/2		01/04/2016 22:13	1	N6266.D	ZB-624 (60) 0.25(mm)
CCV 480-282244/3		01/04/2016 22:40	1	N6267.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/04/2016 23:19	1		ZB-624 (60) 0.25(mm)
LCS 480-282244/4		01/04/2016 23:46	1	N6269.D	ZB-624 (60) 0.25(mm)
MB 480-282244/6		01/05/2016 00:41	1	N6271.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 01:08	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 01:35	10		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 02:01	40		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 02:28	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 02:55	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 03:22	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 03:49	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 04:16	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 04:43	1		ZB-624 (60) 0.25(mm)
480-93079-1		01/05/2016 05:37	1	N6282.D	ZB-624 (60) 0.25(mm)
480-93079-2		01/05/2016 06:04	1	N6283.D	ZB-624 (60) 0.25(mm)
480-93079-3		01/05/2016 06:31	1	N6284.D	ZB-624 (60) 0.25(mm)
480-93079-4		01/05/2016 06:58	1	N6285.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 07:25	500		ZB-624 (60) 0.25(mm)
480-93079-6 DL		01/05/2016 07:52	50	N6287.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 08:18	1		ZB-624 (60) 0.25(mm)
480-93079-4 MS		01/05/2016 08:45	1	N6289.D	ZB-624 (60) 0.25(mm)
480-93079-4 MSD		01/05/2016 09:12	1	N6290.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 09:40	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-93079-1

SDG No.:

Instrument ID: HP5973N Start Date: 01/05/2016 10:51

Analysis Batch Number: 282302 End Date: 01/05/2016 21:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-282302/1		01/05/2016 10:51	1	N6296.D	ZB-624 (60) 0.25(mm)
CCVIS 480-282302/2		01/05/2016 11:17	1	N6297.D	ZB-624 (60) 0.25(mm)
CCV 480-282302/3		01/05/2016 11:43	1		ZB-624 (60) 0.25(mm)
LCS 480-282302/5		01/05/2016 12:10	1	N6299.D	ZB-624 (60) 0.25(mm)
MB 480-282302/7		01/05/2016 13:03	1	N6301.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 13:37	10		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 14:04	10		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 14:57	1		ZB-624 (60) 0.25(mm)
480-93079-5 DL		01/05/2016 15:24	1000	N6306.D	ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 15:51	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 16:18	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 16:45	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 17:12	1		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 18:05	200		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 18:32	400		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 18:59	100		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 19:26	100		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 20:20	20		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 20:47	40		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 21:14	10		ZB-624 (60) 0.25(mm)
ZZZZZ		01/05/2016 21:41	10		ZB-624 (60) 0.25(mm)

GC/MS VOA Worksheet

Batch Number: 480-282137
Method: 8260C
Analyst: O'Brien, Shaun W

Date Open: Jan 04 2016 9:41AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00050	3MTP_WRK_00052
BFB~480-282137/2		8260C			1 uL	1 uL	HP5973N		
CCVIS~480-282137/3		8260C			5 mL	5 mL	HP5973N		
CCV~480-282137/4		8260C			5 mL	5 mL	HP5973N	12.5 uL	12.5 uL
LCS~480-282137/5		8260C			5 mL	5 mL	HP5973N		
MB~480-282137/7		8260C			5 mL	5 mL	HP5973N		
480-93157-A-1	MW-6	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93157-A-2	MW-7	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93157-A-3	MW-12	8260C	T	7 SU	5 mL	5 mL	HP5973N		
480-93157-A-4	MW-13	8260C	T	7 SU	5 mL	5 mL	HP5973N		
480-93171-B-1	INFLUENT DWW	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93171-B-2	MW-9	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93171-A-3	MW-2	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93171-A-4	MW-3	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93171-A-5	MW-4	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93171-A-6	MW-5	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-1	MW-1	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-2	MW-2	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-3	DUP @ MW-2	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-4	MW-3	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-5	MW-4	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-4~MS	MW-3	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-4~MSD	MW-3	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-A-6	MW-5	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93171-C-9	MW-8	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93171-C-10	MW-1	8260C	T	7 SU	5 mL	5 mL	HP5973N		

GC/MS VOA Worksheet

Batch Number: 480-282137
Method: 8260C
Analyst: O'Brien, Shaun W

Date Open: Jan 04 2016 9:41AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00062	ADD CORP mix_00042	BFB_WRK_00050	GAS CORP mix_00129	N 8260 IS_00012	N_8260_Surr_00165
BFB~480-282137/2		8260C				1 uL			
CCVIS~480-282137/3		8260C		12.5 uL			12.5 uL	1 uL	1 uL
CCV~480-282137/4		8260C			12.5 uL			1 uL	1 uL
LCS~480-282137/5		8260C		12.5 uL	12.5 uL		12.5 uL	1 uL	1 uL
MB~480-282137/7		8260C						1 uL	1 uL
480-93157-A-1	MW-6	8260C	T					1 uL	1 uL
480-93157-A-2	MW-7	8260C	T					1 uL	1 uL
480-93157-A-3	MW-12	8260C	T					1 uL	1 uL
480-93157-A-4	MW-13	8260C	T					1 uL	1 uL
480-93171-B-1	INFLUENT DWW	8260C	T					1 uL	1 uL
480-93171-B-2	MW-9	8260C	T					1 uL	1 uL
480-93171-A-3	MW-2	8260C	T					1 uL	1 uL
480-93171-A-4	MW-3	8260C	T					1 uL	1 uL
480-93171-A-5	MW-4	8260C	T					1 uL	1 uL
480-93171-A-6	MW-5	8260C	T					1 uL	1 uL
480-93079-A-1	MW-1	8260C	T					1 uL	1 uL
480-93079-A-2	MW-2	8260C	T					1 uL	1 uL
480-93079-A-3	DUP @ MW-2	8260C	T					1 uL	1 uL
480-93079-A-4	MW-3	8260C	T					1 uL	1 uL
480-93079-A-5	MW-4	8260C	T					1 uL	1 uL
480-93079-A-4~MS	MW-3	8260C	T	12.5 uL			12.5 uL	1 uL	1 uL
480-93079-A-4~MSD	MW-3	8260C	T	12.5 uL			12.5 uL	1 uL	1 uL
480-93079-A-6	MW-5	8260C	T					1 uL	1 uL
480-93171-C-9	MW-8	8260C	T					1 uL	1 uL
480-93171-C-10	MW-1	8260C	T					1 uL	1 uL

GC/MS VOA Worksheet

Batch Number: 480-282137
Method: 8260C
Analyst: O'Brien, Shaun W

Date Open: Jan 04 2016 9:41AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
BFB~480-282137/2		8260C		
CCVIS~480-282137/3		8260C		
CCV~480-282137/4		8260C		
LCS~480-282137/5		8260C		
MB~480-282137/7		8260C		
480-93157-A-1	MW-6	8260C	T	
480-93157-A-2	MW-7	8260C	T	
480-93157-A-3	MW-12	8260C	T	
480-93157-A-4	MW-13	8260C	T	all 3 volumes analyzed-each volume was slightly different. reported in hold analysis
480-93171-B-1	INFLUENT DWW	8260C	T	
480-93171-B-2	MW-9	8260C	T	
480-93171-A-3	MW-2	8260C	T	
480-93171-A-4	MW-3	8260C	T	
480-93171-A-5	MW-4	8260C	T	
480-93171-A-6	MW-5	8260C	T	
480-93079-A-1	MW-1	8260C	T	running lower
480-93079-A-2	MW-2	8260C	T	running lower
480-93079-A-3	DUP @ MW-2	8260C	T	running lower
480-93079-A-4	MW-3	8260C	T	running lower
480-93079-A-5	MW-4	8260C	T	
480-93079-A-4~MS	MW-3	8260C	T	
480-93079-A-4~MSD	MW-3	8260C	T	
480-93079-A-6	MW-5	8260C	T	
480-93171-C-9	MW-8	8260C	T	
480-93171-C-10	MW-1	8260C	T	

GC/MS VOA Worksheet

Batch Number: 480-282244
Method: 8260C
Analyst: Goliszek, Gregory T

Date Open: Jan 04 2016 9:48PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00050	3MTP_WRK_00052
BFB~480-282244/1		8260C			1 uL	1 uL	HP5973N		
CCVIS~480-282244/2		8260C			5 mL	5 mL	HP5973N		
CCV~480-282244/3		8260C			5 mL	5 mL	HP5973N	12.5 uL	12.5 uL
LCS~480-282244/4		8260C			5 mL	5 mL	HP5973N		
MB~480-282244/6		8260C			5 mL	5 mL	HP5973N		
LCS~480-282235/1-A		8260C			100 uL	5 mL	HP5973N		
MB~480-282235/2-A		8260C			100 uL	5 mL	HP5973N		
480-93315-B-3-D		8260C	T		100 uL	5 mL	HP5973N		
480-93319-A-1-A		8260C	T		100 uL	5 mL	HP5973N		
480-93315-B-3-D~MS		8260C	T		100 uL	5 mL	HP5973N		
480-93185-D-1-A		8260C	T		100 uL	5 mL	HP5973N		
480-93185-D-2-A		8260C	T		100 uL	5 mL	HP5973N		
480-93185-D-3-A		8260C	T		100 uL	5 mL	HP5973N		
480-93185-D-4-A		8260C	T		100 uL	5 mL	HP5973N		
480-93185-D-5-A		8260C	T		100 uL	5 mL	HP5973N		
480-93185-D-7-A		8260C	T		100 uL	5 mL	HP5973N		
480-93079-B-1	MW-1	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-B-2	MW-2	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-B-3	DUP @ MW-2	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-B-4	MW-3	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-B-4~MS	MW-3	8260C	T		5 mL	5 mL	HP5973N		
480-93079-B-4~MSD	MW-3	8260C	T		5 mL	5 mL	HP5973N		
480-93079-B-5	MW-4	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-B-6	MW-5	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93108-I-1	GW-3	8260C	T	<2 SU	5 mL	5 mL	HP5973N		

GC/MS VOA Worksheet

Batch Number: 480-282244
Method: 8260C
Analyst: Goliszek, Gregory T

Date Open: Jan 04 2016 9:48PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00062	ADD CORP mix_00042	BFB_WRK_00050	GAS CORP mix_00129	N 8260 IS_00012	N_8260_Surr_00165
BFB~480-282244/1		8260C				1 uL			
CCVIS~480-282244/2		8260C		12.5 uL			12.5 uL	1 uL	1 uL
CCV~480-282244/3		8260C			12.5 uL			1 uL	1 uL
LCS~480-282244/4		8260C		12.5 uL			12.5 uL	1 uL	1 uL
MB~480-282244/6		8260C						1 uL	1 uL
LCS~480-282235/1-A		8260C						1 uL	1 uL
MB~480-282235/2-A		8260C						1 uL	1 uL
480-93315-B-3-D		8260C	T					1 uL	1 uL
480-93319-A-1-A		8260C	T					1 uL	1 uL
480-93315-B-3-D~MS		8260C	T					1 uL	1 uL
480-93185-D-1-A		8260C	T					1 uL	1 uL
480-93185-D-2-A		8260C	T					1 uL	1 uL
480-93185-D-3-A		8260C	T					1 uL	1 uL
480-93185-D-4-A		8260C	T					1 uL	1 uL
480-93185-D-5-A		8260C	T					1 uL	1 uL
480-93185-D-7-A		8260C	T					1 uL	1 uL
480-93079-B-1	MW-1	8260C	T					1 uL	1 uL
480-93079-B-2	MW-2	8260C	T					1 uL	1 uL
480-93079-B-3	DUP @ MW-2	8260C	T					1 uL	1 uL
480-93079-B-4	MW-3	8260C	T					1 uL	1 uL
480-93079-B-4~MS	MW-3	8260C	T	12.5 uL			12.5 uL	1 uL	1 uL
480-93079-B-4~MSD	MW-3	8260C	T	12.5 uL			12.5 uL	1 uL	1 uL
480-93079-B-5	MW-4	8260C	T					1 uL	1 uL
480-93079-B-6	MW-5	8260C	T					1 uL	1 uL
480-93108-I-1	GW-3	8260C	T					1 uL	1 uL

GC/MS VOA Worksheet

Batch Number: 480-282302
Method: 8260C
Analyst: O'Brien, Shaun W

Date Open: Jan 05 2016 10:51AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial pH	Initial weight/volume of sample	Final weight/volume of sample	Instrument	2MTP_WRK_00050	3MTP_WRK_00052
BFB~480-282302/1		8260C			1 uL	1 uL	HP5973N		
CCVIS~480-282302/2		8260C			5 mL	5 mL	HP5973N		
CCV~480-282302/3		8260C			5 mL	5 mL	HP5973N	12.5 uL	12.5 uL
LCS~480-282302/5		8260C			5 mL	5 mL	HP5973N		
MB~480-282302/7		8260C			5 mL	5 mL	HP5973N		
LB~480-282111/1-A		8260C			5 mL	5 mL	HP5973N		
480-93358-A-3-B		8260C	P		5 mL	5 mL	HP5973N		
480-93185-B-6	TRIP BLANK	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93079-C-5	MW-4	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93272-L-6	PDH23S	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93272-A-7	TRIP BLANK 32	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93272-A-8	TRIP BLANK 33	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93341-A-1	MW-19S	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-92917-C-1-B		8260C	T		100 uL	5 mL	HP5973N		
480-92917-C-3-B		8260C	T		100 uL	5 mL	HP5973N		
480-92917-C-4-B		8260C	T		100 uL	5 mL	HP5973N		
480-92917-C-5-B		8260C	T		100 uL	5 mL	HP5973N		
480-93358-A-3-B~MS		8260C	P		5 mL	5 mL	HP5973N		
480-93358-A-3-B~MSD		8260C	P		5 mL	5 mL	HP5973N		
480-93174-B-7	MW-14	8260C	T	<2 SU	5 mL	5 mL	HP5973N		
480-93174-B-8	MW-15	8260C	T	<2 SU	5 mL	5 mL	HP5973N		

GC/MS VOA Worksheet

Batch Number: 480-282302
Method: 8260C
Analyst: O'Brien, Shaun W

Date Open: Jan 05 2016 10:51AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	8260 CORP mix_00062	ADD CORP mix_00042	BFB_WRK_00050	GAS CORP mix_00129	N 8260 IS_00012	N_8260_Surr_00165
BFB~480-282302/1		8260C				1 uL			
CCVIS~480-282302/2		8260C		12.5 uL			12.5 uL	1 uL	1 uL
CCV~480-282302/3		8260C			12.5 uL			1 uL	1 uL
LCS~480-282302/5		8260C		12.5 uL			12.5 uL	1 uL	1 uL
MB~480-282302/7		8260C						1 uL	1 uL
LB~480-282111/1-A		8260C						1 uL	1 uL
480-93358-A-3-B		8260C	P					1 uL	1 uL
480-93185-B-6	TRIP BLANK	8260C	T					1 uL	1 uL
480-93079-C-5	MW-4	8260C	T					1 uL	1 uL
480-93272-L-6	PDH23S	8260C	T					1 uL	1 uL
480-93272-A-7	TRIP BLANK 32	8260C	T					1 uL	1 uL
480-93272-A-8	TRIP BLANK 33	8260C	T					1 uL	1 uL
480-93341-A-1	MW-19S	8260C	T					1 uL	1 uL
480-92917-C-1-B		8260C	T					1 uL	1 uL
480-92917-C-3-B		8260C	T					1 uL	1 uL
480-92917-C-4-B		8260C	T					1 uL	1 uL
480-92917-C-5-B		8260C	T					1 uL	1 uL
480-93358-A-3-B~MS		8260C	P	12.5 uL			12.5 uL	1 uL	1 uL
480-93358-A-3-B~MSD		8260C	P	12.5 uL			12.5 uL	1 uL	1 uL
480-93174-B-7	MW-14	8260C	T					1 uL	1 uL
480-93174-B-8	MW-15	8260C	T					1 uL	1 uL

Shipping and Receiving Documents

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Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

12-22-15

480-93079 Chain of Custody

Client Information	Sampler: N. WOHLABAUGH	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	Page: Page 1 of 1
Client Contact: ~~Mr. Norm Wohlabaugh~~ GARY CREWSON	Phone: 716-445-2105	E-Mail: brian.fischer@testamericainc.com		
Company: ~~Environmental & Geologic Management Serv~~ HIGHLAND PLAZA -				Job #:

Address: ~~15 Briar Hill Road~~ 215 HIGHLAND PKWY	Due Date Requested:	
City: ~~Orchard Park~~ TONAWANDA	TAT Requested (days): STANDARD	
State, Zip: ~~NY, 14127~~ NY		
Phone: ~~716-866-8800(Tel)~~ 716-867-2369	PO #: Purchase Order not required	
Email: nwohlabaugh@verizon.net	WO #:	
Project Name: Highland Plaza Project	Project #: 48012783	
Site:	SSOW#:	

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) Copy Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-1	12-22-15	8:38	G	Water			X	2	
MW-2	12-22-15	9:08	G	Water			X	2	
DUP @ MW-2	12-22-15	9:09	G	Water			X	2	
MW-3	12-22-15	9:36	G	Water			X	2	HOT SAMPLE (?)
MS @ MW-3	12-22-15	9:36	G	Water			X	2	HOT SAMPLE (?)
SD @ MW-3	12-22-15	9:36	G	Water			X	2	HOT SAMPLE (?)
MW-4	12-22-15	10:06	G	Water			X	2	HOT SAMPLE (?)
MW-5	12-22-15	10:40	G	Water			X	2	HOT SAMPLE (?)

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) LEVEL III PER QUOTE

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company
1		12/22/15-11:30	ES+S		12/22/15 1130	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.0 #1

02/16/2016

Login Sample Receipt Checklist

Client: Environmental & Geologic Management Serv

Job Number: 480-93079-1

Login Number: 93079
List Number: 1
Creator: Wallace, Cameron

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ES+S
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	