Data Package

con-test®
ANALYTICAL LABORATORY

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 2, 2013

Heather Hallett
CDM Smith, Inc. - NY
11 British American Boulevard, Suite 200
Latham, NY 12110

Project Location: Buffalo, NY
Client Job Number:
Project Number: 0897-94461
Laboratory Work Order Number: 13G0937

Enclosed are results of analyses for samples received by the laboratory on July 24, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CDM Smith, Inc. - NY
11 British American Boulevard, Suite 200
Latham, NY 12110
ATTN: Heather Hallett

REPORT DATE: 8/2/2013

PURCHASE ORDER NUMBER: 0897-94461

PROJECT NUMBER: 0897-94461

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13G0937

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Buffalo, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-06-7-23-13	13G0937-01	Soil		SM 2540G	
				SW-846 8260C	
TB-01-07-23-13	13G0937-02	Trip Blank Water		SW-846 8260C	
B-55-07-23-13	13G0937-03	Soil		SM 2540G	
				SW-846 8260C	
FD-01-7-23-13	13G0937-04	Soil		SM 2540G	
				SW-846 8260C	
FB-01-7-23-13	13G0937-05	Ground Water		SW-846 8260C	
FB-02-7-23-13	13G0937-06	Ground Water		SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane, Methylene Chloride, Trichlorofluoromethane (Freon 11)

B077701-BS1, B077701-BSD1, B077818-BS1, B077818-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)

B077701-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane

13G0937-01[MW-06-7-23-13], 13G0937-03[B-55-07-23-13], 13G0937-04[FD-01-7-23-13], B077701-BLK1, B077701-BS1, B077701-BSD1

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

13G0937-01[MW-06-7-23-13], 13G0937-03[B-55-07-23-13], 13G0937-04[FD-01-7-23-13]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, Acrylonitrile

13G0937-01[MW-06-7-23-13], 13G0937-03[B-55-07-23-13], 13G0937-04[FD-01-7-23-13], B077701-BLK1, B077701-BS1, B077701-BSD1, 13G0937-02[TB-01-07-23-13], 13G0937-05[FB-01-7-23-13], 13G0937-06[FB-02-7-23-13], B077818-BLK1, B077818-BS1, B077818-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

13G0937-01[MW-06-7-23-13], 13G0937-02[TB-01-07-23-13], 13G0937-03[B-55-07-23-13], 13G0937-04[FD-01-7-23-13], 13G0937-05[FB-01-7-23-13], 13G0937-06[FB-02-7-23-13], B077701-BLK1, B077701-BS1, B077701-BSD1, B077818-BLK1, B077818-BS1, B077818-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 2,2-Dichloropropane, Bromomethane, Carbon Disulfide, Methylene Chloride, Trichlorofluoromethane (Freon 11)

B077701-BS1, B077701-BSD1, B077818-BS1, B077818-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: MW-06-7-23-13 | Sampled: 7/23/2013 13:25

Sample ID: 13G0937-01

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	6.6	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Acrylonitrile	ND	0.66	mg/Kg dry	2	V-05	SW-846 8260C	7/30/13	7/31/13 0:15	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.066	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Benzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Bromobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Bromochloromethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Bromodichloromethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Bromoform	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Bromomethane	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
2-Butanone (MEK)	ND	2.6	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
tert-Butyl Alcohol (TBA)	ND	2.6	mg/Kg dry	2	V-16	SW-846 8260C	7/30/13	7/31/13 0:15	LBD
n-Butylbenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
sec-Butylbenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
tert-Butylbenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.066	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Carbon Disulfide	ND	0.66	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Carbon Tetrachloride	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Chlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Chlorodibromomethane	ND	0.066	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Chloroethane	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Chloroform	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Chloromethane	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
2-Chlorotoluene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
4-Chlorotoluene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.66	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2-Dibromoethane (EDB)	ND	0.066	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Dibromomethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2-Dichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,3-Dichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,4-Dichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
trans-1,4-Dichloro-2-butene	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1-Dichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2-Dichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1-Dichloroethylene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
cis-1,2-Dichloroethylene	0.27	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
trans-1,2-Dichloroethylene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2-Dichloropropane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,3-Dichloropropane	ND	0.066	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
2,2-Dichloropropane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1-Dichloropropene	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
cis-1,3-Dichloropropene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
trans-1,3-Dichloropropene	ND	0.66	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Diethyl Ether	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: MW-06-7-23-13 | Sampled: 7/23/2013 13:25

Sample ID: 13G0937-01

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.066	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,4-Dioxane	ND	6.6	mg/Kg dry	2	R-05, V-16	SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Ethylbenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Hexachlorobutadiene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
2-Hexanone (MBK)	ND	1.3	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Isopropylbenzene (Cumene)	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Methylene Chloride	ND	1.3	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
4-Methyl-2-pentanone (MIBK)	ND	1.3	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Naphthalene	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
n-Propylbenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Styrene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1,1,2-Tetrachloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1,2,2-Tetrachloroethane	ND	0.066	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Tetrachloroethylene	5.9	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Tetrahydrofuran	ND	1.3	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Toluene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2,3-Trichlorobenzene	ND	0.66	mg/Kg dry	2	V-05	SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2,4-Trichlorobenzene	ND	0.13	mg/Kg dry	2	V-05	SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,3,5-Trichlorobenzene	ND	0.66	mg/Kg dry	2	V-05	SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1,1-Trichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1,2-Trichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Trichloroethylene	0.49	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Trichlorofluoromethane (Freon 11)	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2,3-Trichloropropane	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,2,4-Trimethylbenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
1,3,5-Trimethylbenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
Vinyl Chloride	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
m+p Xylene	ND	0.26	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD
o-Xylene	ND	0.13	mg/Kg dry	2		SW-846 8260C	7/30/13	7/31/13 0:15	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		7/31/13 0:15
Toluene-d8	98.9	70-130		7/31/13 0:15
4-Bromofluorobenzene	95.1	70-130		7/31/13 0:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: MW-06-7-23-13 | Sampled: 7/23/2013 13:25

Sample ID: 13G0937-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.9		% Wt	1		SM 2540G	7/26/13	7/27/13 9:08	SMC

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: TB-01-07-23-13 | Sampled: 7/23/2013 13:57

Sample ID: 13G0937-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Acrylonitrile	ND	5.0	µg/L	1	V-05	SW-846 8260C	7/29/13	7/29/13 14:57	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	7/29/13	7/29/13 14:57	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
cis-1,3-Dichloropropene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
trans-1,3-Dichloropropene	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: TB-01-07-23-13 | Sampled: 7/23/2013 13:57

Sample ID: 13G0937-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Methylene Chloride	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,3,5-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 14:57	LBD

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	105	70-130		7/29/13	14:57
Toluene-d8	99.0	70-130		7/29/13	14:57
4-Bromofluorobenzene	95.8	70-130		7/29/13	14:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: B-55-07-23-13 | Sampled: 7/23/2013 16:10

Sample ID: 13G0937-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	130	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Acrylonitrile	ND	13	mg/Kg dry	40	V-05	SW-846 8260C	7/30/13	7/31/13 0:46	LBD
tert-Amyl Methyl Ether (TAME)	ND	1.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Benzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Bromobenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Bromochloromethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Bromodichloromethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Bromoform	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Bromomethane	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
2-Butanone (MEK)	ND	53	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
tert-Butyl Alcohol (TBA)	ND	53	mg/Kg dry	40	V-16	SW-846 8260C	7/30/13	7/31/13 0:46	LBD
n-Butylbenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
sec-Butylbenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
tert-Butylbenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	1.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Carbon Disulfide	ND	13	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Carbon Tetrachloride	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Chlorobenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Chlorodibromomethane	ND	1.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Chloroethane	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Chloroform	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Chloromethane	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
2-Chlorotoluene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
4-Chlorotoluene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2-Dibromoethane (EDB)	ND	1.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Dibromomethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2-Dichlorobenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,3-Dichlorobenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,4-Dichlorobenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
trans-1,4-Dichloro-2-butene	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Dichlorodifluoromethane (Freon 12)	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1-Dichloroethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2-Dichloroethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1-Dichloroethylene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
cis-1,2-Dichloroethylene	4.1	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
trans-1,2-Dichloroethylene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2-Dichloropropane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,3-Dichloropropane	ND	1.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
2,2-Dichloropropane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1-Dichloropropene	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
cis-1,3-Dichloropropene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
trans-1,3-Dichloropropene	ND	13	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Diethyl Ether	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: B-55-07-23-13 | Sampled: 7/23/2013 16:10

Sample ID: 13G0937-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,4-Dioxane	ND	130	mg/Kg dry	40	R-05, V-16	SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Ethylbenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Hexachlorobutadiene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
2-Hexanone (MBK)	ND	27	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Isopropylbenzene (Cumene)	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
p-Isopropyltoluene (p-Cymene)	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Methylene Chloride	ND	27	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
4-Methyl-2-pentanone (MIBK)	ND	27	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Naphthalene	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
n-Propylbenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Styrene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1,1,2-Tetrachloroethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1,2,2-Tetrachloroethane	ND	1.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Tetrachloroethylene	2600	27	mg/Kg dry	400		SW-846 8260C	7/31/13	7/31/13 20:44	LBD
Tetrahydrofuran	ND	27	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Toluene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2,3-Trichlorobenzene	ND	13	mg/Kg dry	40	V-05	SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2,4-Trichlorobenzene	ND	2.7	mg/Kg dry	40	V-05	SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,3,5-Trichlorobenzene	ND	13	mg/Kg dry	40	V-05	SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1,1-Trichloroethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1,2-Trichloroethane	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Trichloroethylene	12	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Trichlorofluoromethane (Freon 11)	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2,3-Trichloropropane	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,2,4-Trimethylbenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
1,3,5-Trimethylbenzene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
Vinyl Chloride	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
m+p Xylene	ND	5.3	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD
o-Xylene	ND	2.7	mg/Kg dry	40		SW-846 8260C	7/30/13	7/31/13 0:46	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		7/31/13 20:44
1,2-Dichloroethane-d4	109	70-130		7/31/13 0:46
Toluene-d8	99.4	70-130		7/31/13 0:46
Toluene-d8	100	70-130		7/31/13 20:44
4-Bromofluorobenzene	94.4	70-130		7/31/13 20:44
4-Bromofluorobenzene	94.4	70-130		7/31/13 0:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: B-55-07-23-13 | Sampled: 7/23/2013 16:10

Sample ID: 13G0937-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.8		% Wt	1		SM 2540G	7/26/13	7/27/13 9:08	SMC

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: FD-01-7-23-13 | Sampled: 7/23/2013 00:00

Sample ID: 13G0937-04

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Acrylonitrile	ND	5.9	mg/Kg dry	20	V-05	SW-846 8260C	7/30/13	7/31/13 1:16	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Benzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Bromobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Bromochloromethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Bromodichloromethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Bromoform	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Bromomethane	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
2-Butanone (MEK)	ND	24	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
tert-Butyl Alcohol (TBA)	ND	24	mg/Kg dry	20	V-16	SW-846 8260C	7/30/13	7/31/13 1:16	LBD
n-Butylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
sec-Butylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
tert-Butylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Carbon Disulfide	ND	5.9	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Carbon Tetrachloride	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Chlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Chlorodibromomethane	ND	0.59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Chloroethane	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Chloroform	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Chloromethane	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
2-Chlorotoluene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
4-Chlorotoluene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.9	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2-Dibromoethane (EDB)	ND	0.59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Dibromomethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2-Dichlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,3-Dichlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,4-Dichlorobenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
trans-1,4-Dichloro-2-butene	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1-Dichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2-Dichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1-Dichloroethylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
cis-1,2-Dichloroethylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
trans-1,2-Dichloroethylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2-Dichloropropane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,3-Dichloropropane	ND	0.59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
2,2-Dichloropropane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1-Dichloropropene	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
cis-1,3-Dichloropropene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
trans-1,3-Dichloropropene	ND	5.9	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Diethyl Ether	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: FD-01-7-23-13 | Sampled: 7/23/2013 00:00

Sample ID: 13G0937-04

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,4-Dioxane	ND	59	mg/Kg dry	20	R-05, V-16	SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Ethylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Hexachlorobutadiene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
2-Hexanone (MBK)	ND	12	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Isopropylbenzene (Cumene)	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Methylene Chloride	ND	12	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
4-Methyl-2-pentanone (MIBK)	ND	12	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Naphthalene	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
n-Propylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Styrene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1,1,2-Tetrachloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1,2,2-Tetrachloroethane	ND	0.59	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Tetrachloroethylene	120	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Tetrahydrofuran	ND	12	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Toluene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2,3-Trichlorobenzene	ND	5.9	mg/Kg dry	20	V-05	SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2,4-Trichlorobenzene	ND	1.2	mg/Kg dry	20	V-05	SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,3,5-Trichlorobenzene	ND	5.9	mg/Kg dry	20	V-05	SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1,1-Trichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1,2-Trichloroethane	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Trichloroethylene	1.6	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Trichlorofluoromethane (Freon 11)	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2,3-Trichloropropane	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,2,4-Trimethylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
1,3,5-Trimethylbenzene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
Vinyl Chloride	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
m+p Xylene	ND	2.4	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD
o-Xylene	ND	1.2	mg/Kg dry	20		SW-846 8260C	7/30/13	7/31/13 1:16	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		7/31/13 1:16
Toluene-d8	98.9	70-130		7/31/13 1:16
4-Bromofluorobenzene	93.6	70-130		7/31/13 1:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: FD-01-7-23-13 | Sampled: 7/23/2013 00:00

Sample ID: 13G0937-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.5		% Wt	1		SM 2540G	7/26/13	7/27/13 9:08	SMC

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: FB-01-7-23-13 | Sampled: 7/23/2013 14:15

Sample ID: 13G0937-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Acrylonitrile	ND	5.0	µg/L	1	V-05	SW-846 8260C	7/29/13	7/29/13 15:28	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	7/29/13	7/29/13 15:28	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
cis-1,3-Dichloropropene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
trans-1,3-Dichloropropene	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: FB-01-7-23-13 | Sampled: 7/23/2013 14:15

Sample ID: 13G0937-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Methylene Chloride	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,3,5-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:28	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		7/29/13 15:28
Toluene-d8	98.4	70-130		7/29/13 15:28
4-Bromofluorobenzene	95.8	70-130		7/29/13 15:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: FB-02-7-23-13 | Sampled: 7/23/2013 16:34

Sample ID: 13G0937-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Acrylonitrile	ND	5.0	µg/L	1	V-05	SW-846 8260C	7/29/13	7/29/13 15:59	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	7/29/13	7/29/13 15:59	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
cis-1,3-Dichloropropene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
trans-1,3-Dichloropropene	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13G0937

Date Received: 7/24/2013

Field Sample #: FB-02-7-23-13 | Sampled: 7/23/2013 16:34

Sample ID: 13G0937-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Methylene Chloride	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Tetrachloroethylene	4.0	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,3,5-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	7/29/13	7/29/13 15:59	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		7/29/13 15:59
Toluene-d8	99.8	70-130		7/29/13 15:59
4-Bromofluorobenzene	96.0	70-130		7/29/13 15:59

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
13G0937-01 [MW-06-7-23-13]	B077561	07/26/13
13G0937-03 [B-55-07-23-13]	B077561	07/26/13
13G0937-04 [FD-01-7-23-13]	B077561	07/26/13

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
13G0937-01 [MW-06-7-23-13]	B077701	13.6	16.2	0.5	50	07/30/13
13G0937-03 [B-55-07-23-13]	B077701	13.1	16.1	0.025	50	07/30/13
13G0937-04 [FD-01-7-23-13]	B077701	15.1	16.3	0.05	50	07/30/13

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
13G0937-03RE1 [B-55-07-23-13]	B077786	13.1	16.1	0.0025	50	07/31/13

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
13G0937-02 [TB-01-07-23-13]	B077818	5	5.00	07/29/13
13G0937-05 [FB-01-7-23-13]	B077818	5	5.00	07/29/13
13G0937-06 [FB-02-7-23-13]	B077818	5	5.00	07/29/13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B077701 - SW-846 5035										
Blank (B077701-BLK1)				Prepared & Analyzed: 07/30/13						
Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							V-05
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							V-16
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.25	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.050	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.25	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							R-05, V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B077701 - SW-846 5035												
Blank (B077701-BLK1)				Prepared & Analyzed: 07/30/13								
Methylene Chloride	ND	0.50	mg/Kg wet									
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet									
Naphthalene	ND	0.10	mg/Kg wet									
n-Propylbenzene	ND	0.050	mg/Kg wet									
Styrene	ND	0.050	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet									
Tetrachloroethylene	ND	0.050	mg/Kg wet									
Tetrahydrofuran	ND	0.50	mg/Kg wet									
Toluene	ND	0.050	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet								V-05	
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet								V-05	
1,3,5-Trichlorobenzene	ND	0.25	mg/Kg wet								V-05	
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet									
Trichloroethylene	ND	0.050	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet									
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.050	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0272*		mg/Kg wet	0.0250		109		70-130				
Surrogate: Toluene-d8	*0.0251*		mg/Kg wet	0.0250		100		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0248*		mg/Kg wet	0.0250		99.3		70-130				
LCS (B077701-BS1)				Prepared & Analyzed: 07/30/13								
Acetone	0.120	0.057	mg/Kg wet	0.113		106		70-160				†
Acrylonitrile	0.0119	0.0057	mg/Kg wet	0.0113		105		70-130			V-05	
tert-Amyl Methyl Ether (TAME)	0.0126	0.00057	mg/Kg wet	0.0113		111		70-130				
Benzene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130				
Bromobenzene	0.0122	0.0011	mg/Kg wet	0.0113		108		70-130				
Bromochloromethane	0.0133	0.0011	mg/Kg wet	0.0113		118		70-130				
Bromodichloromethane	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130				
Bromoform	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
Bromomethane	0.0156	0.0023	mg/Kg wet	0.0113		**137**	*	40-130			L-02, V-20	†
2-Butanone (MEK)	0.106	0.023	mg/Kg wet	0.113		93.4		70-160				†
tert-Butyl Alcohol (TBA)	0.0946	0.023	mg/Kg wet	0.113		83.4		40-130			V-16	†
n-Butylbenzene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
sec-Butylbenzene	0.0123	0.0011	mg/Kg wet	0.0113		109		70-130				
tert-Butylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		109		70-160				†
tert-Butyl Ethyl Ether (TBEE)	0.0130	0.00057	mg/Kg wet	0.0113		115		70-130				
Carbon Disulfide	0.0129	0.0057	mg/Kg wet	0.0113		114		70-130				
Carbon Tetrachloride	0.0133	0.0011	mg/Kg wet	0.0113		117		70-130				
Chlorobenzene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130				
Chlorodibromomethane	0.0115	0.00057	mg/Kg wet	0.0113		101		70-130				
Chloroethane	0.0135	0.0023	mg/Kg wet	0.0113		119		70-130				
Chloroform	0.0133	0.0023	mg/Kg wet	0.0113		118		70-130				
Chloromethane	0.00913	0.0023	mg/Kg wet	0.0113		80.6		70-130				
2-Chlorotoluene	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B077701 - SW-846 5035											
LCS (B077701-BS1)				Prepared & Analyzed: 07/30/13							
4-Chlorotoluene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0113	0.0057	mg/Kg wet	0.0113		99.6	70-130				
1,2-Dibromoethane (EDB)	0.0130	0.00057	mg/Kg wet	0.0113		115	70-130				
Dibromomethane	0.0130	0.0011	mg/Kg wet	0.0113		114	70-130				
1,2-Dichlorobenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130				
1,3-Dichlorobenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130				
1,4-Dichlorobenzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130				
trans-1,4-Dichloro-2-butene	0.00954	0.0023	mg/Kg wet	0.0113		84.2	70-130				
Dichlorodifluoromethane (Freon 12)	0.00866	0.0023	mg/Kg wet	0.0113		76.4	40-160				†
1,1-Dichloroethane	0.0125	0.0011	mg/Kg wet	0.0113		111	70-130				
1,2-Dichloroethane	0.0144	0.0011	mg/Kg wet	0.0113		128	70-130				
1,1-Dichloroethylene	0.0141	0.0011	mg/Kg wet	0.0113		124	70-130				
cis-1,2-Dichloroethylene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130				
trans-1,2-Dichloroethylene	0.0136	0.0011	mg/Kg wet	0.0113		120	70-130				
1,2-Dichloropropane	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130				
1,3-Dichloropropane	0.0129	0.00057	mg/Kg wet	0.0113		114	70-130				
2,2-Dichloropropane	0.0145	0.0011	mg/Kg wet	0.0113		128	70-130				
1,1-Dichloropropene	0.0134	0.0023	mg/Kg wet	0.0113		118	70-130				
cis-1,3-Dichloropropene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130				
trans-1,3-Dichloropropene	0.0118	0.0057	mg/Kg wet	0.0113		104	70-130				
Diethyl Ether	0.0118	0.0023	mg/Kg wet	0.0113		104	70-130				
Diisopropyl Ether (DIPE)	0.0137	0.00057	mg/Kg wet	0.0113		121	70-130				
1,4-Dioxane	0.0936	0.057	mg/Kg wet	0.113		82.6	40-160			R-05, V-16	†
Ethylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130				
Hexachlorobutadiene	0.0134	0.0011	mg/Kg wet	0.0113		119	70-160				
2-Hexanone (MBK)	0.117	0.011	mg/Kg wet	0.113		103	70-160				†
Isopropylbenzene (Cumene)	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130				
p-Isopropyltoluene (p-Cymene)	0.0126	0.0011	mg/Kg wet	0.0113		112	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0139	0.0011	mg/Kg wet	0.0113		123	70-130				
Methylene Chloride	0.0137	0.011	mg/Kg wet	0.0113		121	40-160				†
4-Methyl-2-pentanone (MIBK)	0.118	0.011	mg/Kg wet	0.113		104	70-160				†
Naphthalene	0.0110	0.0023	mg/Kg wet	0.0113		97.5	40-130				†
n-Propylbenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130				
Styrene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130				
1,1,1,2-Tetrachloroethane	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130				
1,1,2,2-Tetrachloroethane	0.0117	0.00057	mg/Kg wet	0.0113		103	70-130				
Tetrachloroethylene	0.0142	0.0011	mg/Kg wet	0.0113		125	70-130				
Tetrahydrofuran	0.0110	0.011	mg/Kg wet	0.0113		96.8	70-130				
Toluene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130				
1,2,3-Trichlorobenzene	0.00986	0.0057	mg/Kg wet	0.0113		87.0	70-130			V-05	
1,2,4-Trichlorobenzene	0.00991	0.0011	mg/Kg wet	0.0113		87.4	70-130			V-05	
1,3,5-Trichlorobenzene	0.0104	0.0057	mg/Kg wet	0.0113		91.7	70-130			V-05	
1,1,1-Trichloroethane	0.0135	0.0011	mg/Kg wet	0.0113		119	70-130				
1,1,2-Trichloroethane	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130				
Trichloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130				
Trichlorofluoromethane (Freon 11)	0.0153	0.0023	mg/Kg wet	0.0113		**135**	* 70-130			L-02, V-20	
1,2,3-Trichloropropane	0.0126	0.0023	mg/Kg wet	0.0113		111	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0146	0.0011	mg/Kg wet	0.0113		129	70-130			V-20	
1,2,4-Trimethylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130				
1,3,5-Trimethylbenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130				
Vinyl Chloride	0.0100	0.0023	mg/Kg wet	0.0113		88.5	40-130				†

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B077701 - SW-846 5035												
LCS (B077701-BS1)				Prepared & Analyzed: 07/30/13								
m+p Xylene	0.0255	0.0023	mg/Kg wet	0.0227		112		70-130				
o-Xylene	0.0126	0.0011	mg/Kg wet	0.0113		112		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0304*		mg/Kg wet	0.0283		107		70-130				
Surrogate: Toluene-d8	*0.0284*		mg/Kg wet	0.0283		100		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0283*		mg/Kg wet	0.0283		100		70-130				
LCS Dup (B077701-BSD1)				Prepared & Analyzed: 07/30/13								
Acetone	0.113	0.057	mg/Kg wet	0.113		99.4		70-160	6.14	25		†
Acrylonitrile	0.00958	0.0057	mg/Kg wet	0.0113		84.5		70-130	21.5	25	V-05	
tert-Amyl Methyl Ether (TAME)	0.0120	0.00057	mg/Kg wet	0.0113		106		70-130	4.79	25		
Benzene	0.0109	0.0011	mg/Kg wet	0.0113		96.0		70-130	5.57	25		
Bromobenzene	0.0112	0.0011	mg/Kg wet	0.0113		99.0		70-130	8.42	25		
Bromochloromethane	0.0125	0.0011	mg/Kg wet	0.0113		111		70-130	6.13	25		
Bromodichloromethane	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	8.91	25		
Bromoform	0.0115	0.0011	mg/Kg wet	0.0113		101		70-130	3.78	25		
Bromomethane	0.0183	0.0023	mg/Kg wet	0.0113		**161**	*	40-130	15.9	25	L-02, V-20	†
2-Butanone (MEK)	0.100	0.023	mg/Kg wet	0.113		88.2		70-160	5.69	25		†
tert-Butyl Alcohol (TBA)	0.0884	0.023	mg/Kg wet	0.113		78.0		40-130	6.70	25	V-16	†
n-Butylbenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.4		70-130	9.68	25		
sec-Butylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		103		70-130	5.58	25		
tert-Butylbenzene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-160	5.84	25		†
tert-Butyl Ethyl Ether (TBEE)	0.0125	0.00057	mg/Kg wet	0.0113		110		70-130	4.54	25		
Carbon Disulfide	0.0123	0.0057	mg/Kg wet	0.0113		109		70-130	4.58	25		
Carbon Tetrachloride	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130	2.16	25		
Chlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	9.36	25		
Chlorodibromomethane	0.0110	0.00057	mg/Kg wet	0.0113		96.7		70-130	4.55	25		
Chloroethane	0.0139	0.0023	mg/Kg wet	0.0113		122		70-130	2.81	25		
Chloroform	0.0126	0.0023	mg/Kg wet	0.0113		111		70-130	5.78	25		
Chloromethane	0.00881	0.0023	mg/Kg wet	0.0113		77.7		70-130	3.66	25		
2-Chlorotoluene	0.0113	0.0011	mg/Kg wet	0.0113		99.3		70-130	7.56	25		
4-Chlorotoluene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	8.99	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0108	0.0057	mg/Kg wet	0.0113		95.6		70-130	4.10	25		
1,2-Dibromoethane (EDB)	0.0124	0.00057	mg/Kg wet	0.0113		110		70-130	4.99	25		
Dibromomethane	0.0123	0.0011	mg/Kg wet	0.0113		108		70-130	5.48	25		
1,2-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	8.53	25		
1,3-Dichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	6.38	25		
1,4-Dichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	10.1	25		
trans-1,4-Dichloro-2-butene	0.00912	0.0023	mg/Kg wet	0.0113		80.5		70-130	4.49	25		
Dichlorodifluoromethane (Freon 12)	0.00893	0.0023	mg/Kg wet	0.0113		78.8		40-160	3.09	25		†
1,1-Dichloroethane	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130	3.97	25		
1,2-Dichloroethane	0.0137	0.0011	mg/Kg wet	0.0113		121		70-130	5.07	25		
1,1-Dichloroethylene	0.0145	0.0011	mg/Kg wet	0.0113		128		70-130	2.62	25		
cis-1,2-Dichloroethylene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	7.75	25		
trans-1,2-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		98.4		70-130	19.5	25		
1,2-Dichloropropane	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130	4.03	25		
1,3-Dichloropropane	0.0121	0.00057	mg/Kg wet	0.0113		107		70-130	5.89	25		
2,2-Dichloropropane	0.0124	0.0011	mg/Kg wet	0.0113		109		70-130	15.9	25		
1,1-Dichloropropene	0.0131	0.0023	mg/Kg wet	0.0113		115		70-130	2.82	25		
cis-1,3-Dichloropropene	0.0106	0.0011	mg/Kg wet	0.0113		93.2		70-130	8.53	25		
trans-1,3-Dichloropropene	0.0105	0.0057	mg/Kg wet	0.0113		92.8		70-130	11.4	25		
Diethyl Ether	0.0119	0.0023	mg/Kg wet	0.0113		105		70-130	0.383	25		
Diisopropyl Ether (DIPE)	0.0128	0.00057	mg/Kg wet	0.0113		112		70-130	7.20	25		

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B077701 - SW-846 5035													
LCS Dup (B077701-BSD1)				Prepared & Analyzed: 07/30/13									
1,4-Dioxane	0.0516	0.057	mg/Kg wet	0.113		45.5		40-160	**57.9**	*	50	R-05, V-16	† ‡
Ethylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	8.17		25		
Hexachlorobutadiene	0.0113	0.0011	mg/Kg wet	0.0113		99.8		70-160	17.2		25		
2-Hexanone (MBK)	0.111	0.011	mg/Kg wet	0.113		97.9		70-160	5.19		25		†
Isopropylbenzene (Cumene)	0.0117	0.0011	mg/Kg wet	0.0113		104		70-130	7.08		25		
p-Isopropyltoluene (p-Cymene)	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	7.06		25		
Methyl tert-Butyl Ether (MTBE)	0.0122	0.0011	mg/Kg wet	0.0113		107		70-130	13.2		25		
Methylene Chloride	0.0137	0.011	mg/Kg wet	0.0113		121		40-160	0.00		25		†
4-Methyl-2-pentanone (MIBK)	0.116	0.011	mg/Kg wet	0.113		102		70-160	1.96		25		†
Naphthalene	0.0104	0.0023	mg/Kg wet	0.0113		91.9		40-130	5.91		25		†
n-Propylbenzene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	7.38		25		
Styrene	0.0113	0.0011	mg/Kg wet	0.0113		99.8		70-130	9.00		25		
1,1,1,2-Tetrachloroethane	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	7.38		25		
1,1,2,2-Tetrachloroethane	0.0112	0.00057	mg/Kg wet	0.0113		99.0		70-130	4.35		25		
Tetrachloroethylene	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130	8.59		25		
Tetrahydrofuran	0.0106	0.011	mg/Kg wet	0.0113		93.3		70-130	3.68		25		
Toluene	0.0113	0.0011	mg/Kg wet	0.0113		99.7		70-130	7.90		25		
1,2,3-Trichlorobenzene	0.00906	0.0057	mg/Kg wet	0.0113		79.9		70-130	8.51		25	V-05	
1,2,4-Trichlorobenzene	0.00907	0.0011	mg/Kg wet	0.0113		80.0		70-130	8.84		25	V-05	
1,3,5-Trichlorobenzene	0.00887	0.0057	mg/Kg wet	0.0113		78.3		70-130	15.8		25	V-05	
1,1,1-Trichloroethane	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130	4.19		25		
1,1,2-Trichloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	6.16		25		
Trichloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		103		70-130	5.12		25		
Trichlorofluoromethane (Freon 11)	0.0159	0.0023	mg/Kg wet	0.0113		**141**	*	70-130	4.29		25	L-02, V-20	
1,2,3-Trichloropropane	0.0119	0.0023	mg/Kg wet	0.0113		105		70-130	6.21		25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0154	0.0011	mg/Kg wet	0.0113		**136**	*	70-130	5.35		25	L-07, V-20	
1,2,4-Trimethylbenzene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	8.19		25		
1,3,5-Trimethylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130	9.49		25		
Vinyl Chloride	0.0101	0.0023	mg/Kg wet	0.0113		88.7		40-130	0.226		25		†
m+p Xylene	0.0235	0.0023	mg/Kg wet	0.0227		104		70-130	7.82		25		
o-Xylene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	6.96		25		
Surrogate: 1,2-Dichloroethane-d4	*0.0310*		mg/Kg wet	0.0283		110		70-130					
Surrogate: Toluene-d8	*0.0284*		mg/Kg wet	0.0283		100		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0284*		mg/Kg wet	0.0283		100		70-130					
Batch B077786 - SW-846 5035													
Blank (B077786-BLK1)				Prepared & Analyzed: 07/31/13									
Tetrachloroethylene	ND	0.0010	mg/Kg wet										
Surrogate: 1,2-Dichloroethane-d4	*0.0262*		mg/Kg wet	0.0250		105		70-130					
Surrogate: Toluene-d8	*0.0251*		mg/Kg wet	0.0250		101		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0241*		mg/Kg wet	0.0250		96.4		70-130					

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B077786 - SW-846 5035										
LCS (B077786-BS1)				Prepared & Analyzed: 07/31/13						
Tetrachloroethylene	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0290*		mg/Kg wet	0.0283		102	70-130			
Surrogate: Toluene-d8	*0.0284*		mg/Kg wet	0.0283		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0282*		mg/Kg wet	0.0283		99.6	70-130			
LCS Dup (B077786-BSD1)				Prepared & Analyzed: 07/31/13						
Tetrachloroethylene	0.0132	0.0011	mg/Kg wet	0.0113		116	70-130	1.28	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0295*		mg/Kg wet	0.0283		104	70-130			
Surrogate: Toluene-d8	*0.0285*		mg/Kg wet	0.0283		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0284*		mg/Kg wet	0.0283		100	70-130			
Batch B077818 - SW-846 5030B										
Blank (B077818-BLK1)				Prepared & Analyzed: 07/29/13						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							V-05
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B077818 - SW-846 5030B											
Blank (B077818-BLK1)				Prepared & Analyzed: 07/29/13							
2,2-Dichloropropane	ND	1.0	µg/L								
1,1-Dichloropropene	ND	2.0	µg/L								
cis-1,3-Dichloropropene	ND	1.0	µg/L								
trans-1,3-Dichloropropene	ND	5.0	µg/L								
Diethyl Ether	ND	2.0	µg/L								
Diisopropyl Ether (DIPE)	ND	0.50	µg/L								
1,4-Dioxane	ND	50	µg/L							V-16	
Ethylbenzene	ND	1.0	µg/L								
Hexachlorobutadiene	ND	1.0	µg/L								
2-Hexanone (MBK)	ND	10	µg/L								
Isopropylbenzene (Cumene)	ND	1.0	µg/L								
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L								
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L								
Methylene Chloride	ND	10	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	5.0	µg/L							V-05	
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/L	25.0		105	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.3	70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.9	70-130				
LCS (B077818-BS1)				Prepared & Analyzed: 07/29/13							
Acetone	114	50	µg/L	100		114	70-160				†
Acrylonitrile	7.93	5.0	µg/L	10.0		79.3	70-130			V-05	
tert-Amyl Methyl Ether (TAME)	11.5	0.50	µg/L	10.0		115	70-130				
Benzene	9.68	1.0	µg/L	10.0		96.8	70-130				
Bromobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Bromochloromethane	11.1	1.0	µg/L	10.0		111	70-130				
Bromodichloromethane	10.7	1.0	µg/L	10.0		107	70-130				
Bromoform	10.6	1.0	µg/L	10.0		106	70-130				
Bromomethane	11.8	2.0	µg/L	10.0		118	40-160			V-20	†
2-Butanone (MEK)	96.0	20	µg/L	100		96.0	40-160				†

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B077818 - SW-846 5030B											
LCS (B077818-BS1)				Prepared & Analyzed: 07/29/13							
tert-Butyl Alcohol (TBA)	102	20	µg/L	100		102	40-160			V-16	†
n-Butylbenzene	9.69	1.0	µg/L	10.0		96.9	70-130				
sec-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130				
tert-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
tert-Butyl Ethyl Ether (TBEE)	11.5	0.50	µg/L	10.0		115	70-130				
Carbon Disulfide	10.9	5.0	µg/L	10.0		109	70-130			V-20	
Carbon Tetrachloride	10.6	5.0	µg/L	10.0		106	70-130				
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
Chlorodibromomethane	10.1	0.50	µg/L	10.0		101	70-130				
Chloroethane	11.9	2.0	µg/L	10.0		119	70-130				
Chloroform	10.7	2.0	µg/L	10.0		107	70-130				
Chloromethane	7.99	2.0	µg/L	10.0		79.9	40-160				†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130				
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.3	5.0	µg/L	10.0		103	70-130				
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109	70-130				
Dibromomethane	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,4-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
trans-1,4-Dichloro-2-butene	7.95	2.0	µg/L	10.0		79.5	70-130				
Dichlorodifluoromethane (Freon 12)	7.03	2.0	µg/L	10.0		70.3	40-160				†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130				
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130				
1,1-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130				
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130				
trans-1,2-Dichloroethylene	9.41	1.0	µg/L	10.0		94.1	70-130				
1,2-Dichloropropane	10.3	1.0	µg/L	10.0		103	70-130				
1,3-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130				
2,2-Dichloropropane	12.5	1.0	µg/L	10.0		125	40-130			V-20	†
1,1-Dichloropropene	11.0	2.0	µg/L	10.0		110	70-130				
cis-1,3-Dichloropropene	10.2	1.0	µg/L	10.0		102	70-130				
trans-1,3-Dichloropropene	10.4	5.0	µg/L	10.0		104	70-130				
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130				
Diisopropyl Ether (DIPE)	11.4	0.50	µg/L	10.0		114	70-130				
1,4-Dioxane	108	50	µg/L	100		108	40-130			V-16	†
Ethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Hexachlorobutadiene	11.3	1.0	µg/L	10.0		113	70-130				
2-Hexanone (MBK)	104	10	µg/L	100		104	70-160				†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104	70-130				
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104	70-130				
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.0		110	70-130				
Methylene Chloride	14.3	10	µg/L	10.0		**143**	* 70-130			L-02, V-20	
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160				†
Naphthalene	9.66	2.0	µg/L	10.0		96.6	40-130				†
n-Propylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
Styrene	10.4	1.0	µg/L	10.0		104	70-130				
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	10.0	0.50	µg/L	10.0		100	70-130				
Tetrachloroethylene	11.1	1.0	µg/L	10.0		111	70-130				
Tetrahydrofuran	10.2	10	µg/L	10.0		102	70-130				
Toluene	10.3	1.0	µg/L	10.0		103	70-130				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B077818 - SW-846 5030B											
LCS (B077818-BS1)				Prepared & Analyzed: 07/29/13							
1,2,3-Trichlorobenzene	8.58	5.0	µg/L	10.0		85.8	70-130				
1,2,4-Trichlorobenzene	8.56	1.0	µg/L	10.0		85.6	70-130				
1,3,5-Trichlorobenzene	8.86	5.0	µg/L	10.0		88.6	70-130			V-05	
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109	70-130				
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130				
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	12.2	2.0	µg/L	10.0		122	70-130				
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	1.0	µg/L	10.0		119	70-130				
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130				
1,3,5-Trimethylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
Vinyl Chloride	8.76	2.0	µg/L	10.0		87.6	40-160				†
m+p Xylene	20.9	2.0	µg/L	20.0		105	70-130				
o-Xylene	10.6	1.0	µg/L	10.0		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	*26.0*		µg/L	25.0		104	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8	70-130				
LCS Dup (B077818-BSD1)				Prepared & Analyzed: 07/29/13							
Acetone	110	50	µg/L	100		110	70-160	3.17	25		†
Acrylonitrile	8.06	5.0	µg/L	10.0		80.6	70-130	1.63	25	V-05	
tert-Amyl Methyl Ether (TAME)	11.1	0.50	µg/L	10.0		111	70-130	3.09	25		
Benzene	9.54	1.0	µg/L	10.0		95.4	70-130	1.46	25		
Bromobenzene	9.94	1.0	µg/L	10.0		99.4	70-130	1.99	25		
Bromochloromethane	11.1	1.0	µg/L	10.0		111	70-130	0.541	25		
Bromodichloromethane	10.4	1.0	µg/L	10.0		104	70-130	2.46	25		
Bromoform	10.4	1.0	µg/L	10.0		104	70-130	1.72	25		
Bromomethane	12.4	2.0	µg/L	10.0		124	40-160	4.80	25	V-20	†
2-Butanone (MEK)	95.1	20	µg/L	100		95.1	40-160	0.952	25		†
tert-Butyl Alcohol (TBA)	95.8	20	µg/L	100		95.8	40-160	6.24	25	V-16	†
n-Butylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130	1.13	25		
sec-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130	0.0968	25		
tert-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130	0.195	25		
tert-Butyl Ethyl Ether (TBEE)	11.3	0.50	µg/L	10.0		113	70-130	1.49	25		
Carbon Disulfide	10.2	5.0	µg/L	10.0		102	70-130	6.45	25	V-20	
Carbon Tetrachloride	10.7	5.0	µg/L	10.0		107	70-130	0.563	25		
Chlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	1.26	25		
Chlorodibromomethane	9.75	0.50	µg/L	10.0		97.5	70-130	3.43	25		
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130	1.87	25		
Chloroform	10.8	2.0	µg/L	10.0		108	70-130	0.465	25		
Chloromethane	7.72	2.0	µg/L	10.0		77.2	40-160	3.44	25		†
2-Chlorotoluene	9.97	1.0	µg/L	10.0		99.7	70-130	3.26	25		
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	0.0956	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.88	5.0	µg/L	10.0		98.8	70-130	4.26	25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107	70-130	2.41	25		
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130	1.96	25		
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	3.51	25		
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	0.289	25		
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	0.851	25		
trans-1,4-Dichloro-2-butene	7.76	2.0	µg/L	10.0		77.6	70-130	2.42	25		
Dichlorodifluoromethane (Freon 12)	6.91	2.0	µg/L	10.0		69.1	40-160	1.72	25		†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104	70-130	1.24	25		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B077818 - SW-846 5030B												
LCS Dup (B077818-BSD1)				Prepared & Analyzed: 07/29/13								
1,2-Dichloroethane	11.3	1.0	µg/L	10.0		113		70-130	2.89	25		
1,1-Dichloroethylene	11.6	1.0	µg/L	10.0		116		70-130	0.172	25		
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130	0.862	25		
trans-1,2-Dichloroethylene	9.15	1.0	µg/L	10.0		91.5		70-130	2.80	25		
1,2-Dichloropropane	10.3	1.0	µg/L	10.0		103		70-130	0.486	25		
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130	3.15	25		
2,2-Dichloropropane	12.1	1.0	µg/L	10.0		121		40-130	3.57	25	V-20	†
1,1-Dichloropropene	11.0	2.0	µg/L	10.0		110		70-130	0.182	25		
cis-1,3-Dichloropropene	9.80	1.0	µg/L	10.0		98.0		70-130	3.90	25		
trans-1,3-Dichloropropene	9.97	5.0	µg/L	10.0		99.7		70-130	3.74	25		
Diethyl Ether	10.5	2.0	µg/L	10.0		105		70-130	2.44	25		
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0		112		70-130	2.39	25		
1,4-Dioxane	95.2	50	µg/L	100		95.2		40-130	12.5	50	V-16	† ‡
Ethylbenzene	10.0	1.0	µg/L	10.0		100		70-130	1.78	25		
Hexachlorobutadiene	10.9	1.0	µg/L	10.0		109		70-130	4.06	25		
2-Hexanone (MBK)	102	10	µg/L	100		102		70-160	1.52	25		†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104		70-130	0.0961	25		
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105		70-130	1.05	25		
Methyl tert-Butyl Ether (MTBE)	10.7	1.0	µg/L	10.0		107		70-130	2.87	25		
Methylene Chloride	13.9	10	µg/L	10.0		**139**	*	70-130	2.48	25	L-02, V-20	
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100		100		70-160	2.57	25		†
Naphthalene	9.54	2.0	µg/L	10.0		95.4		40-130	1.25	25		†
n-Propylbenzene	10.3	1.0	µg/L	10.0		103		70-130	1.06	25		
Styrene	10.2	1.0	µg/L	10.0		102		70-130	2.04	25		
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104		70-130	2.00	25		
1,1,2,2-Tetrachloroethane	9.88	0.50	µg/L	10.0		98.8		70-130	1.41	25		
Tetrachloroethylene	11.0	1.0	µg/L	10.0		110		70-130	1.09	25		
Tetrahydrofuran	10.0	10	µg/L	10.0		100		70-130	1.68	25		
Toluene	9.94	1.0	µg/L	10.0		99.4		70-130	3.17	25		
1,2,3-Trichlorobenzene	8.39	5.0	µg/L	10.0		83.9		70-130	2.24	25		
1,2,4-Trichlorobenzene	8.44	1.0	µg/L	10.0		84.4		70-130	1.41	25		
1,3,5-Trichlorobenzene	8.37	5.0	µg/L	10.0		83.7		70-130	5.69	25	V-05	
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109		70-130	0.183	25		
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130	3.20	25		
Trichloroethylene	10.0	1.0	µg/L	10.0		100		70-130	2.17	25		
Trichlorofluoromethane (Freon 11)	12.0	2.0	µg/L	10.0		120		70-130	1.74	25		
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102		70-130	0.390	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	1.0	µg/L	10.0		120		70-130	1.09	25		
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.0		103		70-130	0.388	25		
1,3,5-Trimethylbenzene	10.5	1.0	µg/L	10.0		105		70-130	0.381	25		
Vinyl Chloride	8.38	2.0	µg/L	10.0		83.8		40-160	4.43	25		†
m+p Xylene	20.6	2.0	µg/L	20.0		103		70-130	1.54	25		
o-Xylene	10.3	1.0	µg/L	10.0		103		70-130	2.11	25		
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.7		70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.0		70-130				

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,VA
Benzene	CT,NH,NY,VA
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,VA
Bromoform	CT,NY,ME,NH,VA
Bromomethane	CT,NY,ME,NH,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,VA
tert-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,VA
Chlorobenzene	CT,NY,ME,NH,VA
Chlorodibromomethane	CT,NY,ME,NH,VA
Chloroethane	CT,NY,ME,NH,VA
Chloroform	CT,NY,ME,NH,VA
Chloromethane	CT,NY,ME,NH,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,VA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
1,3-Dichlorobenzene	CT,NY,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA
1,1-Dichloroethane	CT,NY,ME,NH,VA
1,2-Dichloroethane	CT,NY,ME,NH,VA
1,1-Dichloroethylene	CT,NY,ME,NH,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA
1,2-Dichloropropane	CT,NY,ME,NH,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,VA
Ethylbenzene	CT,NH,NY,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
Isopropylbenzene (Cumene)	NY,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,VA
Methylene Chloride	CT,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
Naphthalene	NH,NY,VA
n-Propylbenzene	CT,NY,ME,NH,VA
n-Propylbenzene	CT,NH,NY,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA
Tetrachloroethylene	CT,NY,ME,NH,VA
Toluene	CT,NH,NY,VA
Toluene	CT,NY,ME,NH,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,VA
Trichloroethylene	CT,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
1,2,4-Trimethylbenzene	NY,ME,VA
1,2,4-Trimethylbenzene	NY,VA
1,3,5-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,VA
Vinyl Chloride	CT,NY,ME,NH,VA
m+p Xylene	CT,NY,ME,NH,VA
m+p Xylene	CT,NH,NY,VA
o-Xylene	CT,NH,NY,VA
o-Xylene	CT,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2014
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2014
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Rev 04.05.12

13G0937

Company Name: CDM SMITH
Address: 11 BRITISH AMERICAN BLVD
LATHAM, NY 12110
Attention: HEATHER HALLET
Project Location: BUFFALO, NY
Sampled By: MEREDITH PASSARO

Telephone: (518) 782-4500
Project #: 0897-94461
Client PO#: 0897-94461

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #:
Email: HALLETHL@CDMSMITH.COM
Format: ☒ PDF ☒ EXCEL ○ GIS ☒ OTHER NYSDEC CAT B+EDD
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs (8260)	VOCs (8260)	VOCs (8260)	% MOISTURE	# of Containers	** Preservation	***Container Code
								2 V	1 V	3 V	1 G			
								B	M	H	E			
01	MW-06_7-23-13	7/23/13	1325		X	SO	L	X	X		X			
02	TB-01_7-23-13	7/23/13	1357		X	GW	U			X				
03	B-55_7-23-13	7/23/13	1610		X	SO		X	X		X			
04	FB-01_7-23-13	7/23/13	/		X	SO	U	X	X		X			
05	FB-01_7-23-13	7/23/13	1415		X	GW	U			X				
06	FB-02_7-23-13	7/23/13	1634		X	GW	U			X				

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time: 7/23/13
Received by: (signature)	3.4 10.02	Date/Time: 7/24/13
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:

Turnaround ††
☐ 7-Day
■ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

FedEx

796291147132

Ship (P/U) date :
Tues 7/23/2013 2:20 pm
Southington, CT US

Delivered
Signed for by: P BLAKE

Actual delivery :
Wed 7/24/2013 10:02 am
EAST LONGMEADOW, MA US

Travel History

Date/Time	Activity	Location
- 7/24/2013 - Wednesday		
10:02 am	Delivered	EAST LONGMEADOW, MA
8:00 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:23 am	At local FedEx facility	WINDSOR LOCKS, CT
- 7/23/2013 - Tuesday		
8:12 pm	At destination sort facility	EAST GRANBY, CT
7:13 pm	Left FedEx origin facility	WATERTOWN, CT
2:20 pm	Picked up	WATERTOWN, CT
10:22 am	Shipment information sent to FedEx	

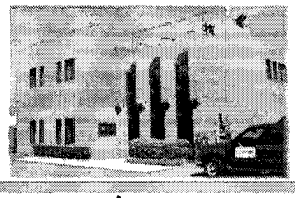
Local Scan Time

Shipment Facts

Tracking number	796291147132	**Service**	FedEx Standard Overnight
Weight	3 lbs	**Dimensions**	16x10x12 in.
Delivered To	Receptionist/Front Desk	**Total pieces**	1
Total shipment weight	3 lbs / 1.4 kgs	**Shipper reference**	Mile Creek TCLP
Packaging	Your Packaging	**Special handling section**	Deliver Weekday

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: CDM Smith RECEIVED BY: SD DATE: 7/24/13

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.4
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	3
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	18	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 9 # Methanol 3 **Time and Date Frozen:**
Bisulfate 6 # DI Water _____
Thiosulfate _____ Unpreserved _____

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOLATILES SAMPLE DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

MW-06-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-01	File ID:	VB211020.D
Sampled:	07/23/13 13:25	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 00:15
Solids:	90.90	Preparation:	SW-846 5035	Dilution:	2
Initial/Final:	13.6 g / 16.24 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.071	6.6	
107-13-1	Acrylonitrile		0.067	0.66	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.014	0.066	
71-43-2	Benzene		0.0066	0.13	
108-86-1	Bromobenzene		0.013	0.13	
74-97-5	Bromochloromethane		0.013	0.13	
75-27-4	Bromodichloromethane		0.011	0.13	
75-25-2	Bromoform		0.033	0.13	
74-83-9	Bromomethane		0.050	0.26	
78-93-3	2-Butanone (MEK)		0.054	2.6	
75-65-0	tert-Butyl Alcohol (TBA)		0.46	2.6	V-16
104-51-8	n-Butylbenzene		0.0066	0.13	
135-98-8	sec-Butylbenzene		0.0066	0.13	
98-06-6	tert-Butylbenzene		0.0066	0.13	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.0092	0.066	
75-15-0	Carbon Disulfide		0.0066	0.66	
56-23-5	Carbon Tetrachloride		0.012	0.13	
108-90-7	Chlorobenzene		0.0066	0.13	
124-48-1	Chlorodibromomethane		0.016	0.066	
75-00-3	Chloroethane		0.043	0.26	
67-66-3	Chloroform		0.0053	0.26	
74-87-3	Chloromethane		0.017	0.26	
95-49-8	2-Chlorotoluene		0.0066	0.13	
106-43-4	4-Chlorotoluene		0.0066	0.13	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.063	0.66	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

MW-06-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-01	File ID:	VB211020.D
Sampled:	07/23/13 13:25	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 00:15
Solids:	90.90	Preparation:	SW-846 5035	Dilution:	2
Initial/Final:	13.6 g / 16.24 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.018	0.066	
74-95-3	Dibromomethane		0.011	0.13	
95-50-1	1,2-Dichlorobenzene		0.0079	0.13	
541-73-1	1,3-Dichlorobenzene		0.0079	0.13	
106-46-7	1,4-Dichlorobenzene		0.014	0.13	
110-57-6	trans-1,4-Dichloro-2-butene		0.10	0.26	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0053	0.26	
75-34-3	1,1-Dichloroethane		0.012	0.13	
107-06-2	1,2-Dichloroethane		0.012	0.13	
75-35-4	1,1-Dichloroethylene		0.013	0.13	
156-59-2	cis-1,2-Dichloroethylene	0.27	0.0066	0.13	
156-60-5	trans-1,2-Dichloroethylene		0.0092	0.13	
78-87-5	1,2-Dichloropropane		0.026	0.13	
142-28-9	1,3-Dichloropropane		0.011	0.066	
594-20-7	2,2-Dichloropropane		0.017	0.13	
563-58-6	1,1-Dichloropropene		0.013	0.26	
10061-01-5	cis-1,3-Dichloropropene		0.0092	0.13	
10061-02-6	trans-1,3-Dichloropropene		0.016	0.66	
60-29-7	Diethyl Ether		0.013	0.26	
108-20-3	Diisopropyl Ether (DIPE)		0.0039	0.066	
123-91-1	1,4-Dioxane		0.46	6.6	R-05, V-16
100-41-4	Ethylbenzene		0.0066	0.13	
87-68-3	Hexachlorobutadiene		0.034	0.13	
591-78-6	2-Hexanone (MBK)		0.087	1.3	
98-82-8	Isopropylbenzene (Cumene)		0.0079	0.13	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

MW-06-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-01	File ID:	VB211020.D
Sampled:	07/23/13 13:25	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 00:15
Solids:	90.90	Preparation:	SW-846 5035	Dilution:	2
Initial/Final:	13.6 g / 16.24 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.0079	0.13	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0066	0.13	
75-09-2	Methylene Chloride		0.29	1.3	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.029	1.3	
91-20-3	Naphthalene		0.028	0.26	
103-65-1	n-Propylbenzene		0.0053	0.13	
100-42-5	Styrene		0.0079	0.13	
630-20-6	1,1,1,2-Tetrachloroethane		0.011	0.13	
79-34-5	1,1,2,2-Tetrachloroethane		0.024	0.066	
127-18-4	Tetrachloroethylene	5.9	0.018	0.13	
109-99-9	Tetrahydrofuran		0.13	1.3	
108-88-3	Toluene		0.0053	0.13	
87-61-6	1,2,3-Trichlorobenzene		0.029	0.66	V-05
120-82-1	1,2,4-Trichlorobenzene		0.014	0.13	V-05
108-70-3	1,3,5-Trichlorobenzene		0.053	0.66	V-05
71-55-6	1,1,1-Trichloroethane		0.0066	0.13	
79-00-5	1,1,2-Trichloroethane		0.011	0.13	
79-01-6	Trichloroethylene	0.49	0.016	0.13	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0092	0.26	
96-18-4	1,2,3-Trichloropropane		0.028	0.26	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.014	0.13	
95-63-6	1,2,4-Trimethylbenzene		0.0079	0.13	
108-67-8	1,3,5-Trimethylbenzene		0.0079	0.13	
75-01-4	Vinyl Chloride		0.021	0.26	
108383/106423	m+p Xylene		0.0092	0.26	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

MW-06-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-01	File ID:	VB211020.D
Sampled:	07/23/13 13:25	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 00:15
Solids:	90.90	Preparation:	SW-846 5035	Dilution:	2
Initial/Final:	13.6 g / 16.24 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.0066	0.13	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211020.D Vial: 20
Acq On : 31 Jul 2013 12:15 am Operator:
Sample : 13G0937-01 @100X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 100 Multiplr: 1.00
Quant Time: Aug 01 14:57:50 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

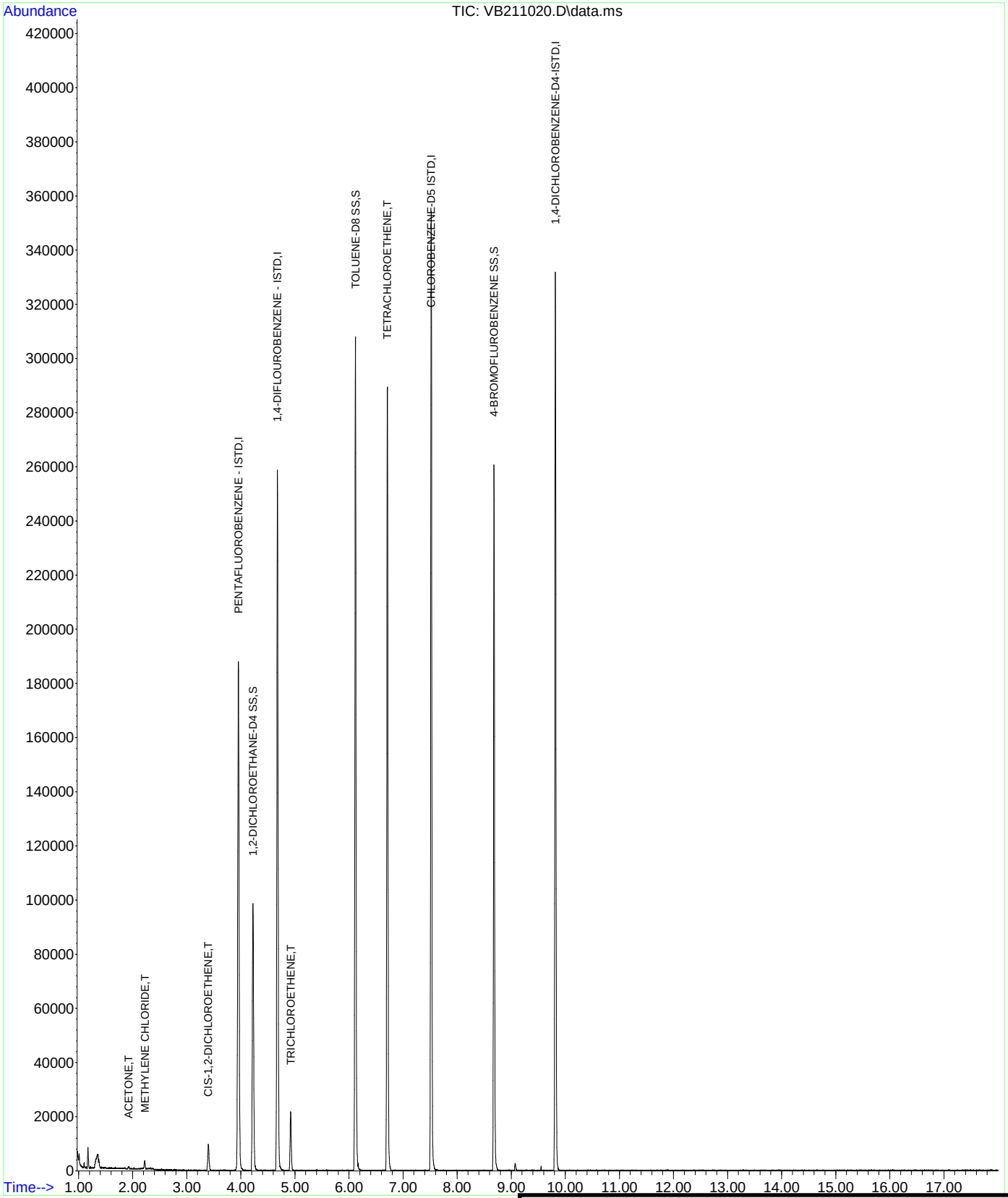
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.954	168	112681	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.676	114	169459	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.518	82	92935	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	73505	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.225	65	67985	27.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.00%			
43) TOLUENE-D8 SS	6.118	98	164925	24.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.96%			
64) 4-BROMOFLUROBENZENE SS	8.681	95	69121	23.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.20%			
Target Compounds						Qvalue
14) ACETONE	1.924	43	909	1.571	UG/L #	46
21) METHYLENE CHLORIDE	2.222	49	1405	0.748	UG/L #	93
30) CIS-1,2-DICHLOROETHENE	3.396	61	5922	2.053	UG/L	98
45) TRICHLOROETHENE	4.924	95	6112	3.723	UG/L	98
59) TETRACHLOROETHENE	6.709	164	56580	44.826	UG/L	99

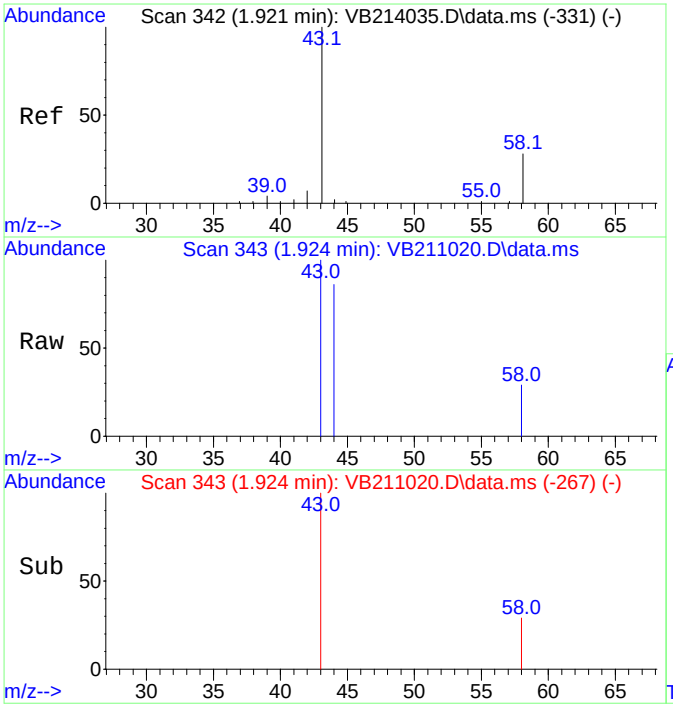
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211020.D Vial: 20
Acq On : 31 Jul 2013 12:15 am Operator:
Sample : 13G0937-01 @100X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 100 Multiplr: 1.00
Quant Time: Aug 01 14:57:50 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

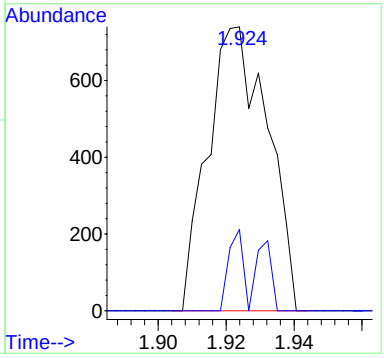


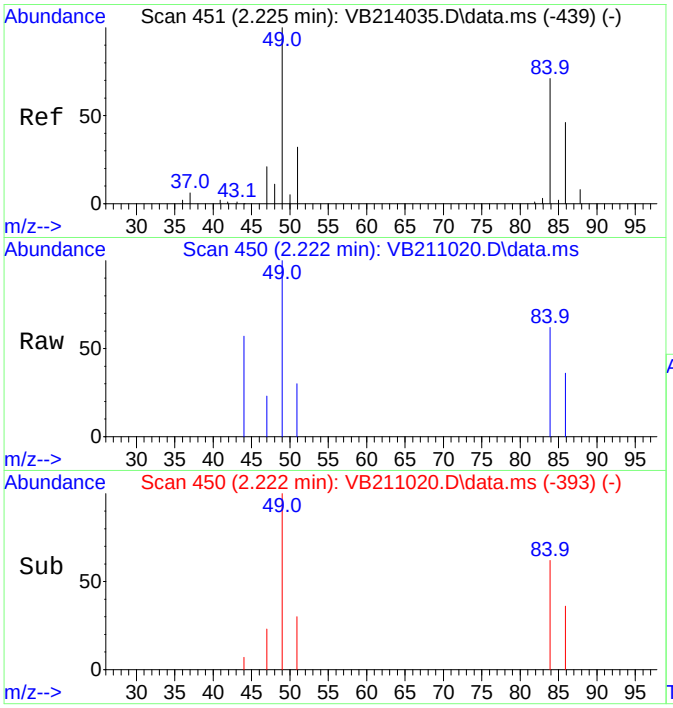


#14
ACETONE
Concen: 1.57 UG/L
RT: 1.924 min Scan# 343
Delta R.T. -0.002 min
Lab File: VB211020.D
Acq: 31 Jul 2013 12:15 am

Tgt Ion: 43 Resp: 909

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#

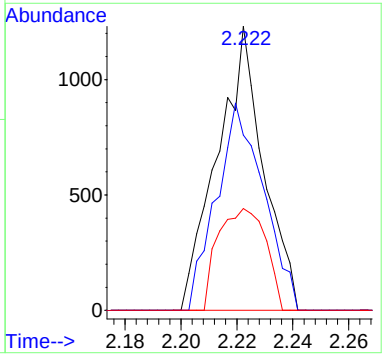


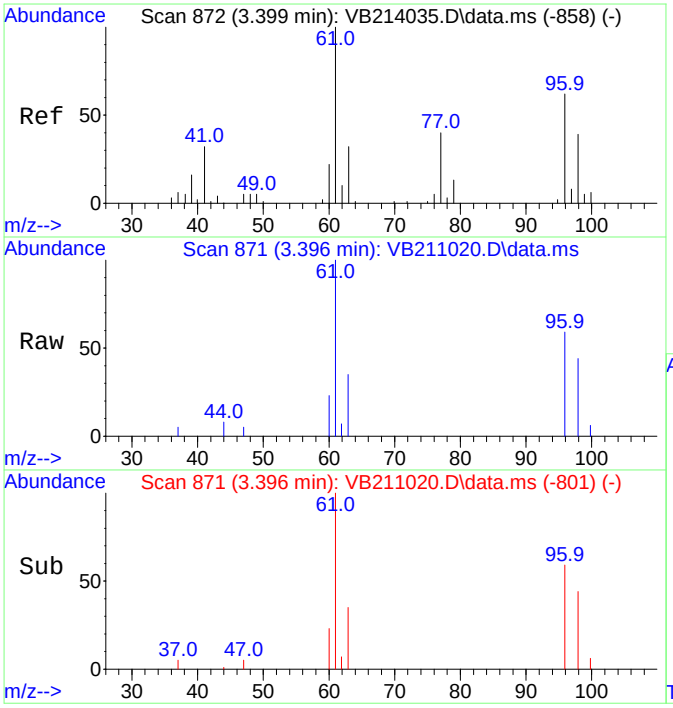


#21
METHYLENE CHLORIDE
Concen: 0.75 UG/L
RT: 2.222 min Scan# 450
Delta R.T. 0.000 min
Lab File: VB211020.D
Acq: 31 Jul 2013 12:15 am

Tgt Ion: 49 Resp: 1405

Ion	Ratio	Lower	Upper
49	100		
84	74.8	58.6	88.0
86	37.1	37.9	56.9#

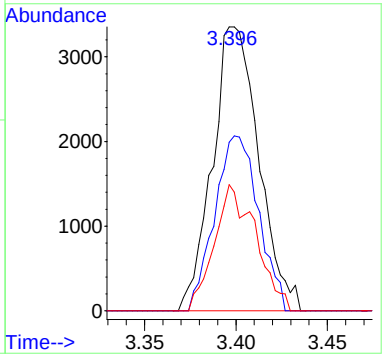


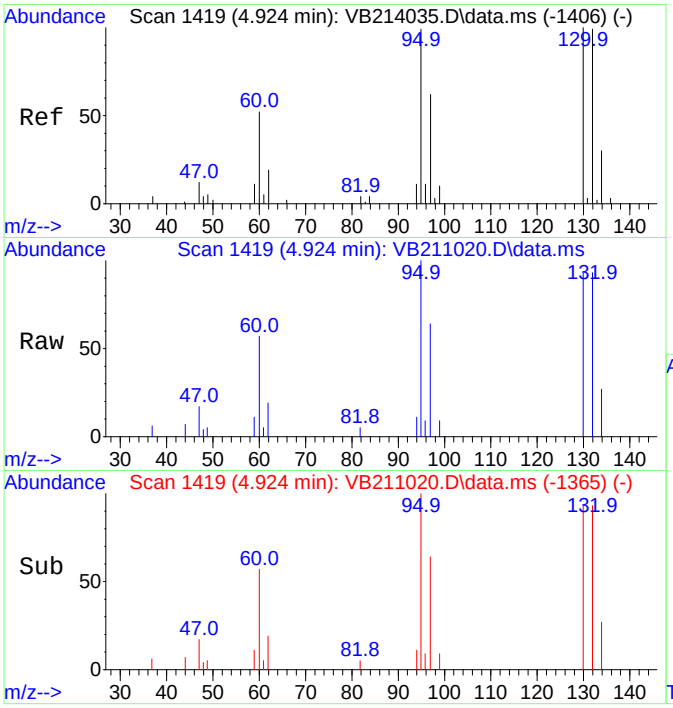


#30
CIS-1,2-DICHLOROETHENE
Concen: 2.05 UG/L
RT: 3.396 min Scan# 871
Delta R.T. -0.005 min
Lab File: VB211020.D
Acq: 31 Jul 2013 12:15 am

Tgt Ion: 61 Resp: 5922

Ion	Ratio	Lower	Upper
61	100		
96	58.0	48.0	72.0
98	39.8	30.9	46.3

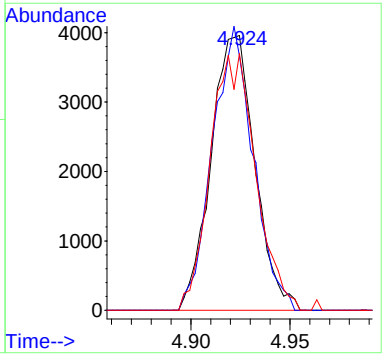


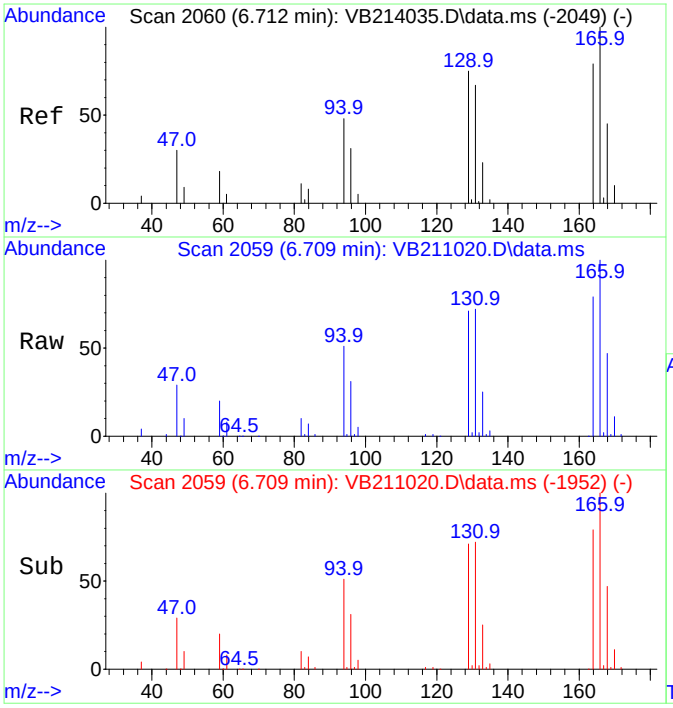


#45
TRICHLOROETHENE
Concen: 3.72 UG/L
RT: 4.924 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VB211020.D
Acq: 31 Jul 2013 12:15 am

Tgt Ion: 95 Resp: 6112

Ion	Ratio	Lower	Upper
95	100		
130	96.1	79.0	118.4
132	96.5	78.7	118.1

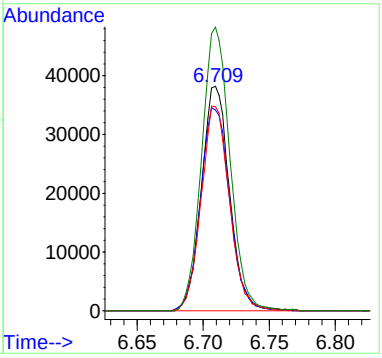




#59
TETRACHLOROETHENE
Concen: 44.83 UG/L
RT: 6.709 min Scan# 2059
Delta R.T. -0.002 min
Lab File: VB211020.D
Acq: 31 Jul 2013 12:15 am

Tgt Ion:164 Resp: 56580

Ion	Ratio	Lower	Upper
164	100		
129	93.9	73.8	110.6
131	91.6	72.8	109.2
166	127.5	101.0	151.4



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

TB-01-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Trip Blank Water	Laboratory ID:	13G0937-02	File ID:	VB210011.D
Sampled:	07/23/13 13:57	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		4.7	50	
107-13-1	Acrylonitrile		0.58	5.0	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.091	0.50	
71-43-2	Benzene		0.079	1.0	
108-86-1	Bromobenzene		0.044	1.0	
74-97-5	Bromochloromethane		0.22	1.0	
75-27-4	Bromodichloromethane		0.088	1.0	
75-25-2	Bromoform		0.21	1.0	
74-83-9	Bromomethane		0.94	2.0	
78-93-3	2-Butanone (MEK)		2.4	20	
75-65-0	tert-Butyl Alcohol (TBA)		2.2	20	V-16
104-51-8	n-Butylbenzene		0.054	1.0	
135-98-8	sec-Butylbenzene		0.084	1.0	
98-06-6	tert-Butylbenzene		0.096	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.075	0.50	
75-15-0	Carbon Disulfide		1.0	5.0	
56-23-5	Carbon Tetrachloride		0.10	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.054	0.50	
75-00-3	Chloroethane		0.16	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.32	2.0	
95-49-8	2-Chlorotoluene		0.070	1.0	
106-43-4	4-Chlorotoluene		0.074	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.34	5.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

TB-01-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Trip Blank Water	Laboratory ID:	13G0937-02	File ID:	VB210011.D
Sampled:	07/23/13 13:57	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.089	0.50	
74-95-3	Dibromomethane		0.070	1.0	
95-50-1	1,2-Dichlorobenzene		0.076	1.0	
541-73-1	1,3-Dichlorobenzene		0.079	1.0	
106-46-7	1,4-Dichlorobenzene		0.046	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.12	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.12	2.0	
75-34-3	1,1-Dichloroethane		0.16	1.0	
107-06-2	1,2-Dichloroethane		0.19	1.0	
75-35-4	1,1-Dichloroethylene		0.21	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.15	1.0	
78-87-5	1,2-Dichloropropane		0.11	1.0	
142-28-9	1,3-Dichloropropane		0.099	0.50	
594-20-7	2,2-Dichloropropane		0.072	1.0	
563-58-6	1,1-Dichloropropene		0.13	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.062	1.0	
10061-02-6	trans-1,3-Dichloropropene		0.056	5.0	
60-29-7	Diethyl Ether		0.22	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.18	0.50	
123-91-1	1,4-Dioxane		26	50	V-16
100-41-4	Ethylbenzene		0.092	1.0	
87-68-3	Hexachlorobutadiene		0.17	1.0	
591-78-6	2-Hexanone (MBK)		1.5	10	
98-82-8	Isopropylbenzene (Cumene)		0.11	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

TB-01-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Trip Blank Water	Laboratory ID:	13G0937-02	File ID:	VB210011.D
Sampled:	07/23/13 13:57	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.12	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.090	1.0	
75-09-2	Methylene Chloride		3.2	10	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.5	10	
91-20-3	Naphthalene		0.12	2.0	
103-65-1	n-Propylbenzene		0.094	1.0	
100-42-5	Styrene		0.12	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.12	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.12	0.50	
127-18-4	Tetrachloroethylene		0.080	1.0	
109-99-9	Tetrahydrofuran		1.1	10	
108-88-3	Toluene		0.090	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.14	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.12	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.14	5.0	V-05
71-55-6	1,1,1-Trichloroethane		0.094	1.0	
79-00-5	1,1,2-Trichloroethane		0.12	1.0	
79-01-6	Trichloroethylene		0.077	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
96-18-4	1,2,3-Trichloropropane		0.12	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.092	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.18	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.10	1.0	
75-01-4	Vinyl Chloride		0.13	2.0	
108383/106423	m+p Xylene		0.18	2.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

TB-01-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Trip Blank Water	Laboratory ID:	13G0937-02	File ID:	VB210011.D
Sampled:	07/23/13 13:57	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.11	1.0	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210011.D Vial: 11
Acq On : 29 Jul 2013 2:57 pm Operator:
Sample : 13G0937-02 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:05:07 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

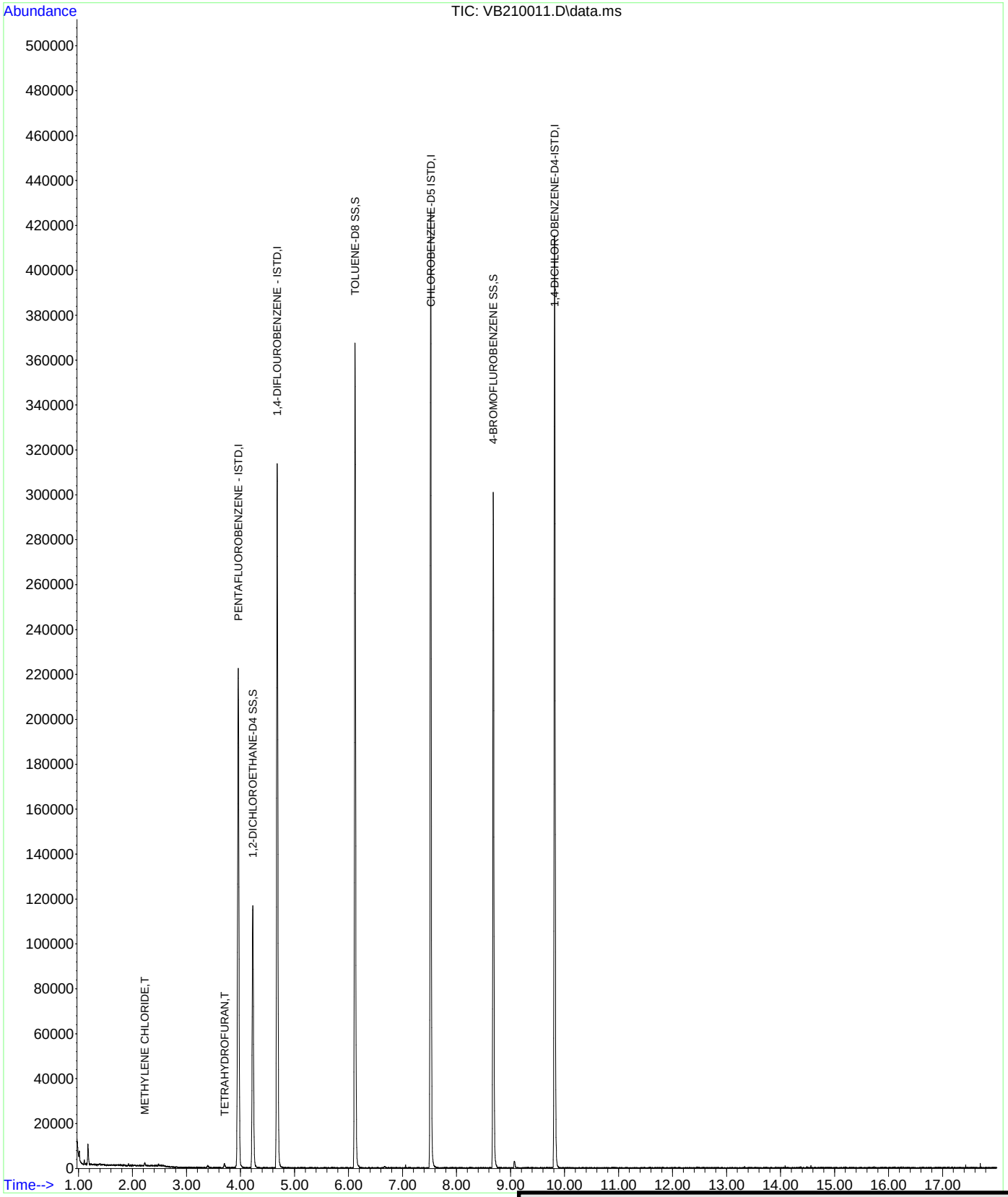
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	135754	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	206828	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	111478	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	91479	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	78674	26.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.72%			
43) TOLUENE-D8 SS	6.121	98	201396	24.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%			
64) 4-BROMOFLUROBENZENE SS	8.681	95	83488	23.96	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.84%			
Target Compounds						Qvalue
21) METHYLENE CHLORIDE	2.228	49	656	0.290	UG/L	# 19
34) TETRAHYDROFURAN	3.703	42	1004m	1.329	UG/L	

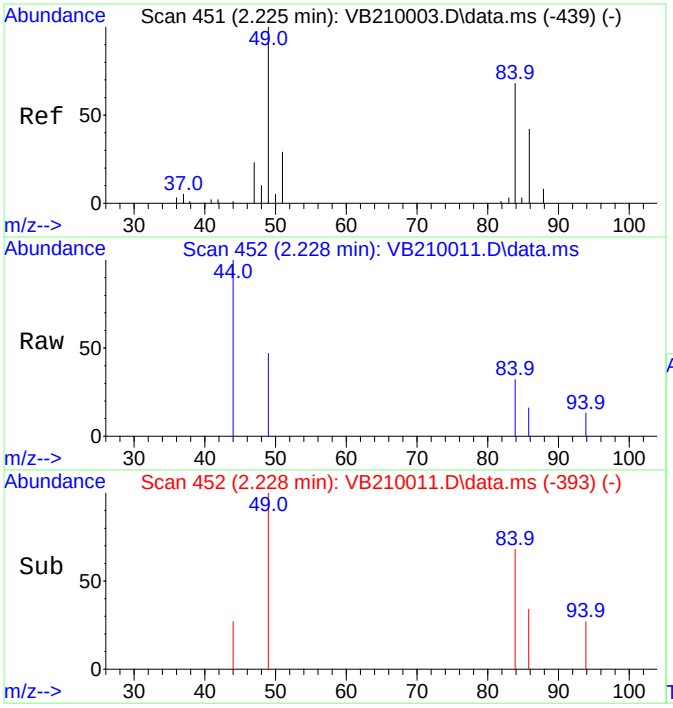
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210011.D Vial: 11
Acq On : 29 Jul 2013 2:57 pm Operator:
Sample : 13G0937-02 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:05:07 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

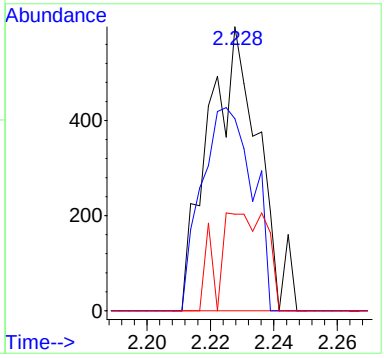


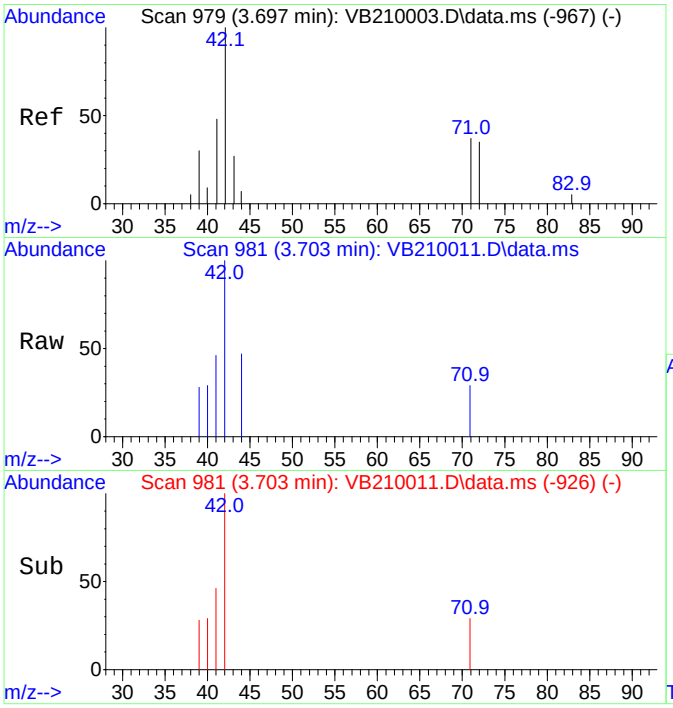


#21
METHYLENE CHLORIDE
Concen: 0.29 UG/L
RT: 2.228 min Scan# 452
Delta R.T. 0.006 min
Lab File: VB210011.D
Acq: 29 Jul 2013 2:57 pm

Tgt Ion: 49 Resp: 656

Ion	Ratio	Lower	Upper
49	100		
84	0.0	58.6	88.0#
86	0.0	37.9	56.9#

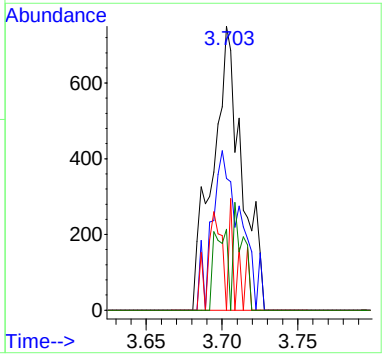




#34
TETRAHYDROFURAN
Concen: 1.33 UG/L m
RT: 3.703 min Scan# 981
Delta R.T. 0.003 min
Lab File: VB210011.D
Acq: 29 Jul 2013 2:57 pm

Tgt Ion: 42 Resp: 1004

Ion	Ratio	Lower	Upper
42	100		
41	55.5	0.0	0.0#
72	0.0	33.0	49.6#
71	0.0	29.6	44.4#



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

B-55-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-03	File ID:	VB211021.D
Sampled:	07/23/13 16:10	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 00:46
Solids:	91.80	Preparation:	SW-846 5035	Dilution:	40
Initial/Final:	13.1 g / 16.07 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		1.4	130	
107-13-1	Acrylonitrile		1.4	13	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.29	1.3	
71-43-2	Benzene		0.13	2.7	
108-86-1	Bromobenzene		0.27	2.7	
74-97-5	Bromochloromethane		0.27	2.7	
75-27-4	Bromodichloromethane		0.21	2.7	
75-25-2	Bromoform		0.67	2.7	
74-83-9	Bromomethane		1.0	5.3	
78-93-3	2-Butanone (MEK)		1.1	53	
75-65-0	tert-Butyl Alcohol (TBA)		9.4	53	V-16
104-51-8	n-Butylbenzene		0.13	2.7	
135-98-8	sec-Butylbenzene		0.13	2.7	
98-06-6	tert-Butylbenzene		0.13	2.7	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.19	1.3	
75-15-0	Carbon Disulfide		0.13	13	
56-23-5	Carbon Tetrachloride		0.24	2.7	
108-90-7	Chlorobenzene		0.13	2.7	
124-48-1	Chlorodibromomethane		0.32	1.3	
75-00-3	Chloroethane		0.88	5.3	
67-66-3	Chloroform		0.11	5.3	
74-87-3	Chloromethane		0.35	5.3	
95-49-8	2-Chlorotoluene		0.13	2.7	
106-43-4	4-Chlorotoluene		0.13	2.7	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		1.3	13	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

B-55-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-03	File ID:	VB211021.D
Sampled:	07/23/13 16:10	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 00:46
Solids:	91.80	Preparation:	SW-846 5035	Dilution:	40
Initial/Final:	13.1 g / 16.07 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.37	1.3	
74-95-3	Dibromomethane		0.21	2.7	
95-50-1	1,2-Dichlorobenzene		0.16	2.7	
541-73-1	1,3-Dichlorobenzene		0.16	2.7	
106-46-7	1,4-Dichlorobenzene		0.29	2.7	
110-57-6	trans-1,4-Dichloro-2-butene		2.1	5.3	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.11	5.3	
75-34-3	1,1-Dichloroethane		0.24	2.7	
107-06-2	1,2-Dichloroethane		0.24	2.7	
75-35-4	1,1-Dichloroethylene		0.27	2.7	
156-59-2	cis-1,2-Dichloroethylene	4.1	0.13	2.7	
156-60-5	trans-1,2-Dichloroethylene		0.19	2.7	
78-87-5	1,2-Dichloropropane		0.53	2.7	
142-28-9	1,3-Dichloropropane		0.21	1.3	
594-20-7	2,2-Dichloropropane		0.35	2.7	
563-58-6	1,1-Dichloropropene		0.27	5.3	
10061-01-5	cis-1,3-Dichloropropene		0.19	2.7	
10061-02-6	trans-1,3-Dichloropropene		0.32	13	
60-29-7	Diethyl Ether		0.27	5.3	
108-20-3	Diisopropyl Ether (DIPE)		0.080	1.3	
123-91-1	1,4-Dioxane		9.4	130	R-05, V-16
100-41-4	Ethylbenzene		0.13	2.7	
87-68-3	Hexachlorobutadiene		0.69	2.7	
591-78-6	2-Hexanone (MBK)		1.8	27	
98-82-8	Isopropylbenzene (Cumene)		0.16	2.7	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

B-55-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-03	File ID:	VB211021.D
Sampled:	07/23/13 16:10	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 00:46
Solids:	91.80	Preparation:	SW-846 5035	Dilution:	40
Initial/Final:	13.1 g / 16.07 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	2.7	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.13	2.7	
75-09-2	Methylene Chloride		6.0	27	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.59	27	
91-20-3	Naphthalene		0.56	5.3	
103-65-1	n-Propylbenzene		0.11	2.7	
100-42-5	Styrene		0.16	2.7	
630-20-6	1,1,1,2-Tetrachloroethane		0.21	2.7	
79-34-5	1,1,2,2-Tetrachloroethane		0.48	1.3	
109-99-9	Tetrahydrofuran		2.7	27	
108-88-3	Toluene		0.11	2.7	
87-61-6	1,2,3-Trichlorobenzene		0.59	13	V-05
120-82-1	1,2,4-Trichlorobenzene		0.29	2.7	V-05
108-70-3	1,3,5-Trichlorobenzene		1.1	13	V-05
71-55-6	1,1,1-Trichloroethane		0.13	2.7	
79-00-5	1,1,2-Trichloroethane		0.21	2.7	
79-01-6	Trichloroethylene	12	0.32	2.7	
75-69-4	Trichlorofluoromethane (Freon 11)		0.19	5.3	
96-18-4	1,2,3-Trichloropropane		0.56	5.3	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.29	2.7	
95-63-6	1,2,4-Trimethylbenzene		0.16	2.7	
108-67-8	1,3,5-Trimethylbenzene		0.16	2.7	
75-01-4	Vinyl Chloride		0.43	5.3	
108383/106423	m+p Xylene		0.19	5.3	
95-47-6	o-Xylene		0.13	2.7	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211021.D Vial: 21
Acq On : 31 Jul 2013 12:46 am Operator:
Sample : 13G0937-03 @2000X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 2000 Multiplr: 1.00
Quant Time: Aug 01 14:59:45 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

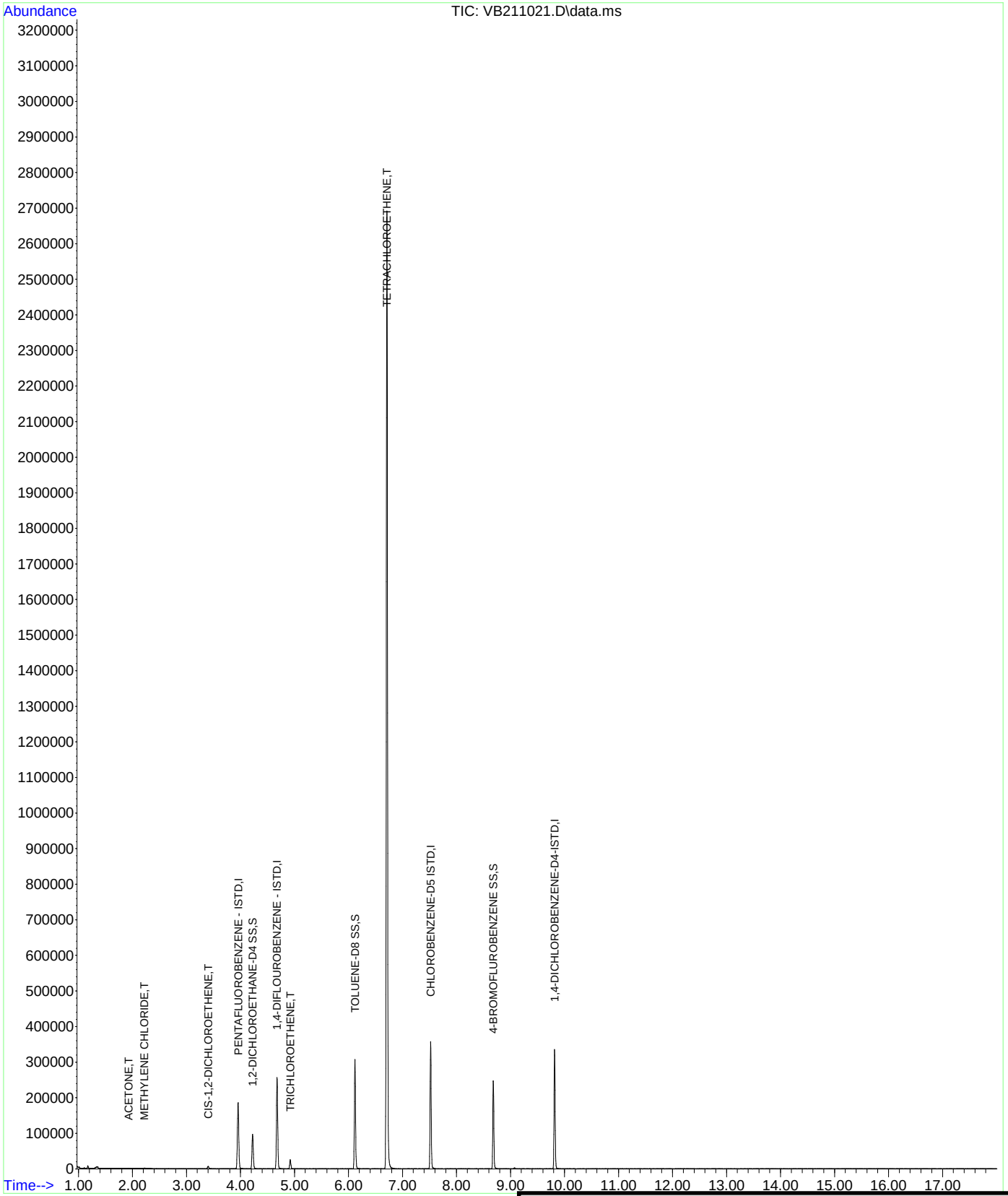
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	111674	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.676	114	167704	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.518	82	92770	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	73301	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	67469	27.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.16%			
43) TOLUENE-D8 SS	6.121	98	163832	24.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%			
64) 4-BROMOFLUROBENZENE SS	8.678	95	68369	23.58	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.32%			
Target Compounds						Qvalue
14) ACETONE	1.927	43	954	1.663	UG/L #	46
21) METHYLENE CHLORIDE	2.217	49	808	0.434	UG/L #	67
30) CIS-1,2-DICHLOROETHENE	3.405	61	4380	1.532	UG/L	95
45) TRICHLOROETHENE	4.922	95	7397	4.553	UG/L	99
59) TETRACHLOROETHENE	6.712	164	536853	429.780	UG/L	99

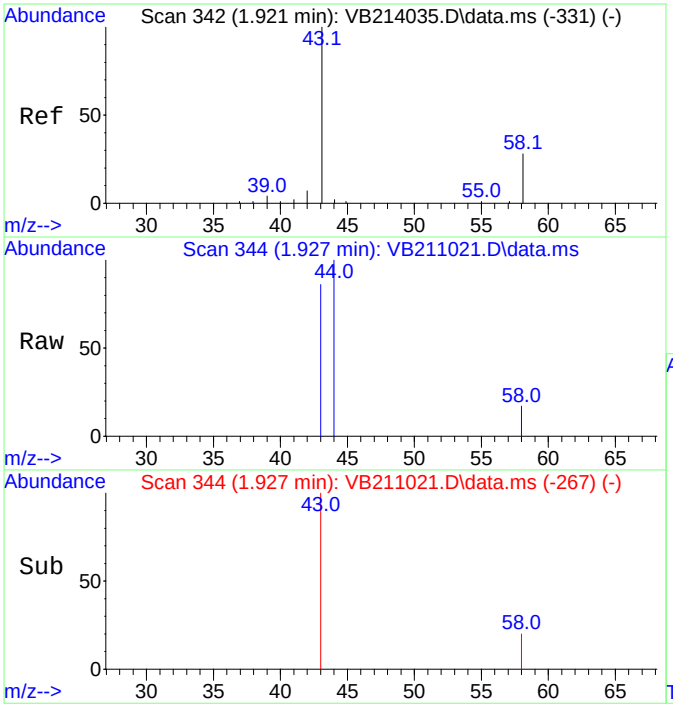
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211021.D Vial: 21
Acq On : 31 Jul 2013 12:46 am Operator:
Sample : 13G0937-03 @2000X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 2000 Multiplr: 1.00
Quant Time: Aug 01 14:59:45 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

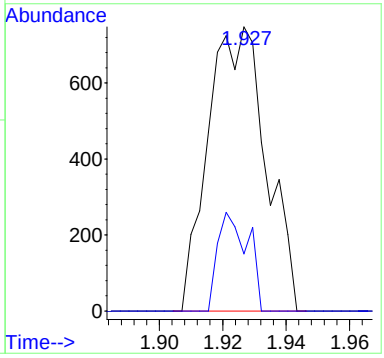


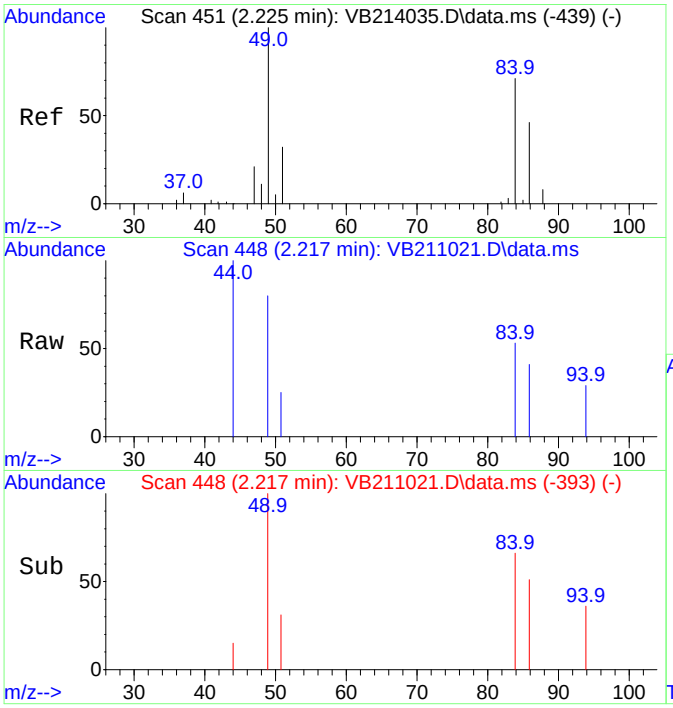


#14
ACETONE
Concen: 1.66 UG/L
RT: 1.927 min Scan# 344
Delta R.T. 0.001 min
Lab File: VB211021.D
Acq: 31 Jul 2013 12:46 am

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#

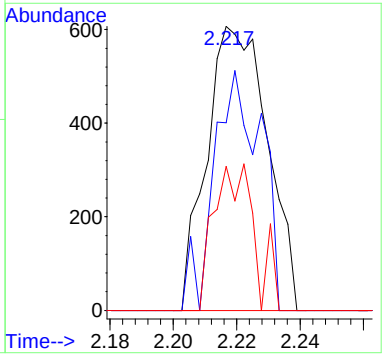


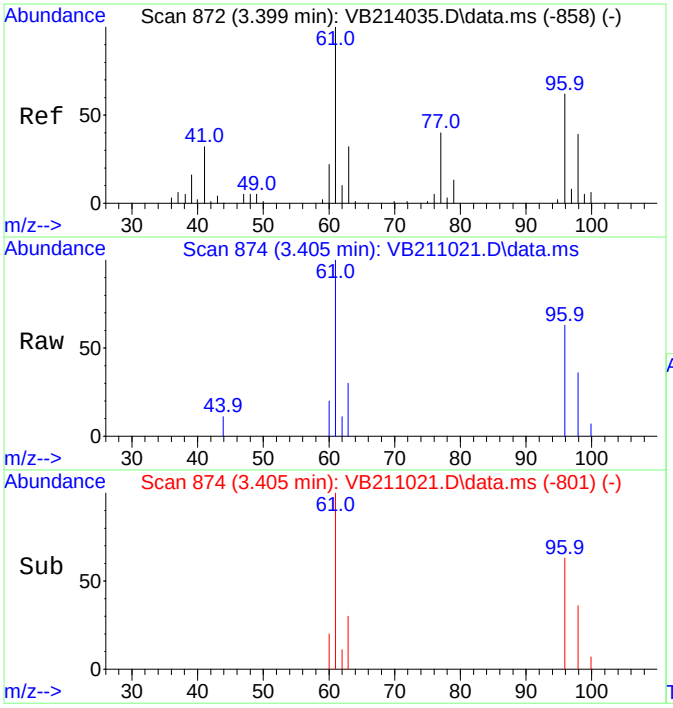


#21
METHYLENE CHLORIDE
Concen: 0.43 UG/L
RT: 2.217 min Scan# 448
Delta R.T. -0.005 min
Lab File: VB211021.D
Acq: 31 Jul 2013 12:46 am

Tgt Ion: 49 Resp: 808

Ion	Ratio	Lower	Upper
49	100		
84	65.5	58.6	88.0
86	0.0	37.9	56.9#

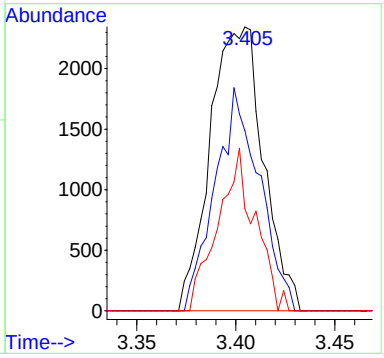


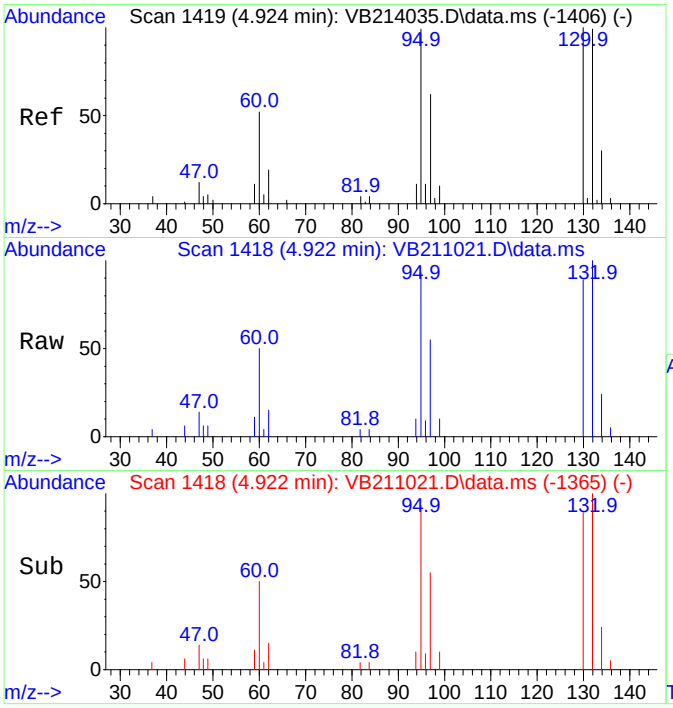


#30
CIS-1,2-DICHLOROETHENE
Concen: 1.53 UG/L
RT: 3.405 min Scan# 874
Delta R.T. 0.004 min
Lab File: VB211021.D
Acq: 31 Jul 2013 12:46 am

Tgt Ion: 61 Resp: 4380

Ion	Ratio	Lower	Upper
61	100		
96	65.5	48.0	72.0
98	40.1	30.9	46.3

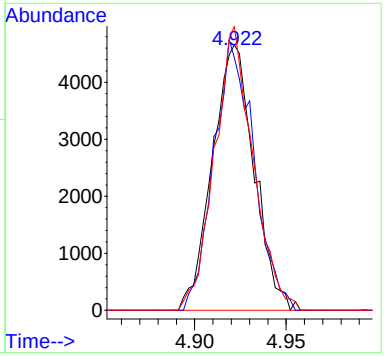


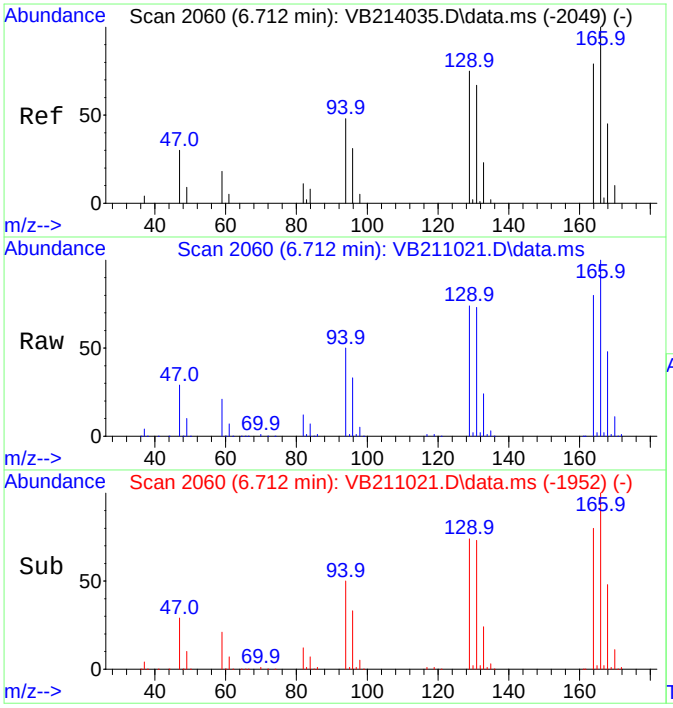


#45
TRICHLOROETHENE
Concen: 4.55 UG/L
RT: 4.922 min Scan# 1418
Delta R.T. -0.002 min
Lab File: VB211021.D
Acq: 31 Jul 2013 12:46 am

Tgt Ion: 95 Resp: 7397

Ion	Ratio	Lower	Upper
95	100		
130	97.6	79.0	118.4
132	98.2	78.7	118.1

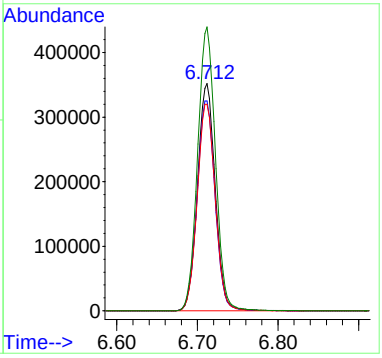




#59
TETRACHLOROETHENE
Concen: 429.78 UG/L
RT: 6.712 min Scan# 2060
Delta R.T. 0.001 min
Lab File: VB211021.D
Acq: 31 Jul 2013 12:46 am

Tgt Ion:164 Resp: 536853

Ion	Ratio	Lower	Upper
164	100		
129	93.4	73.8	110.6
131	92.4	72.8	109.2
166	125.4	101.0	151.4



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

B-55-07-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-03RE1	File ID:	VB212020.D
Sampled:	07/23/13 16:10	Prepared:	07/31/13 06:36	Analyzed:	07/31/13 20:44
Solids:	91.80	Preparation:	SW-846 5035	Dilution:	400
Initial/Final:	13.1 g / 16.07 mL				
Batch:	B077786	Sequence:	S004489	Calibration:	1300079
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
127-18-4	Tetrachloroethylene	2600	3.7	27	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212020.D Vial: 21
Acq On : 31 Jul 2013 8:44 pm Operator:
Sample : 13G0937-03RE1 @20000X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 20000 Multiplr: 1.00
Quant Time: Aug 02 08:56:29 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 16:58:42 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

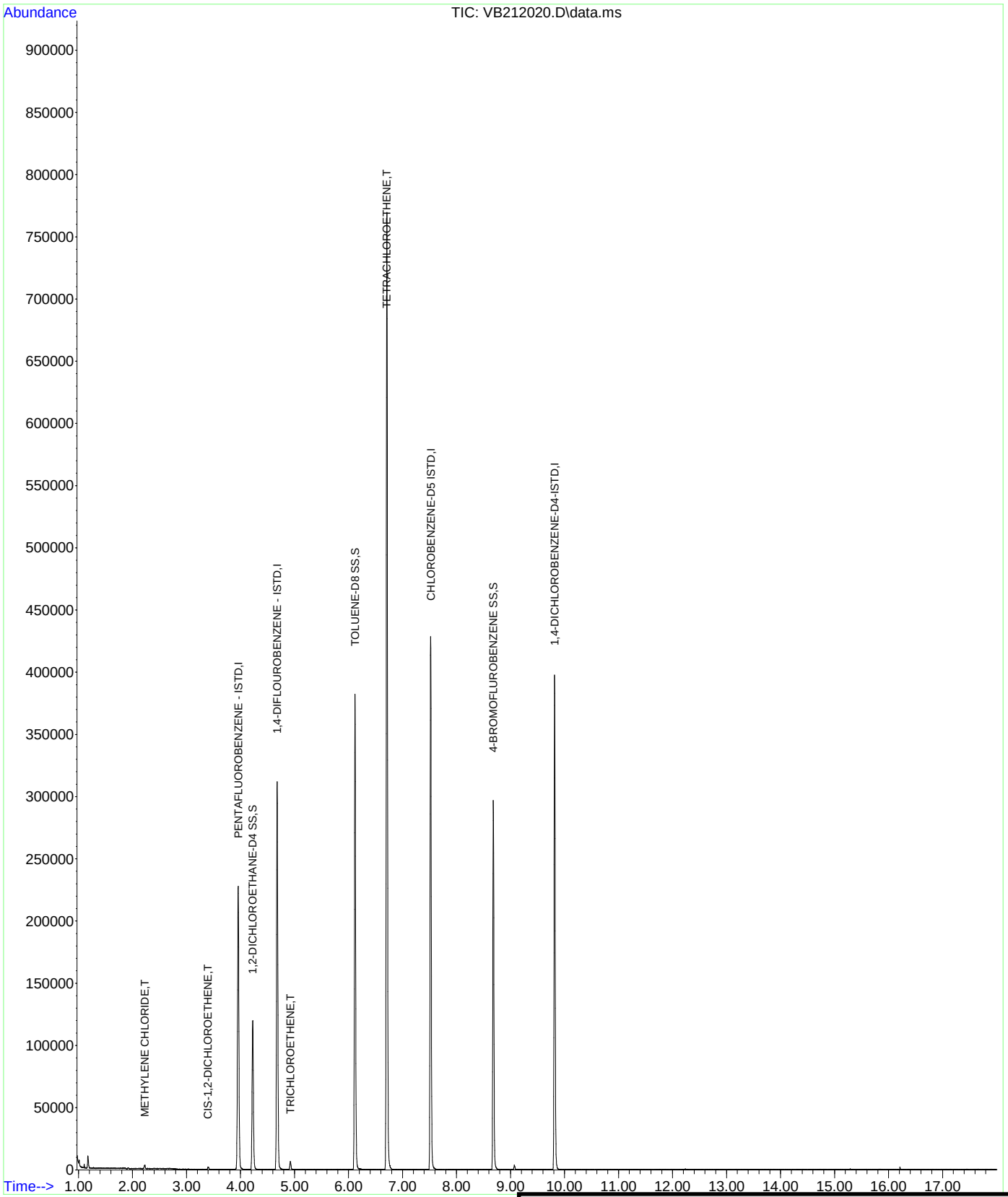
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	134624	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	208774	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	114346	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	87229	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	80923	27.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.60%			
43) TOLUENE-D8 SS	6.121	98	205570	25.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%			
64) 4-BROMOFLUROBENZENE SS	8.681	95	84236	23.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.28%			
Target Compounds						Qvalue
21) METHYLENE CHLORIDE	2.222	49	1463	0.652	UG/L #	64
30) CIS-1,2-DICHLOROETHENE	3.396	61	1213	0.352	UG/L #	74
45) TRICHLOROETHENE	4.924	95	2094	1.035	UG/L	97
59) TETRACHLOROETHENE	6.709	164	151443	97.388	UG/L	99

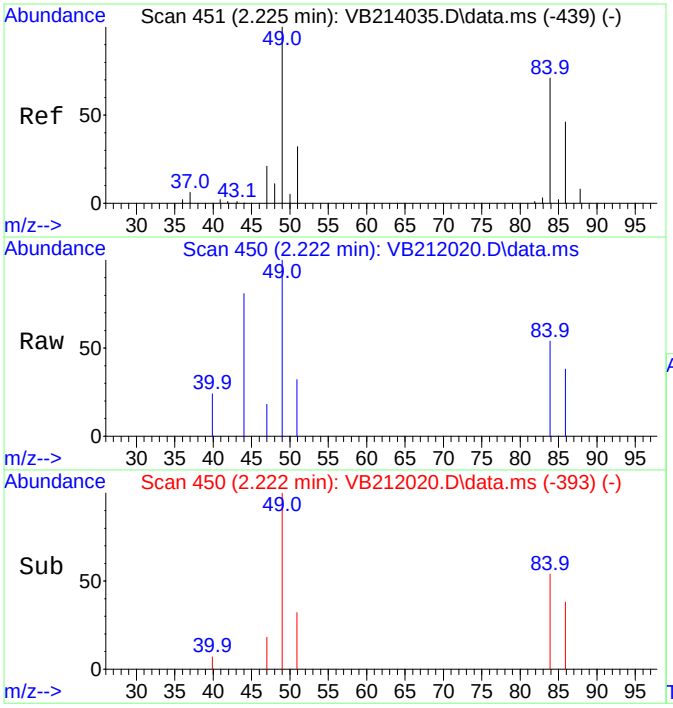
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212020.D Vial: 21
Acq On : 31 Jul 2013 8:44 pm Operator:
Sample : 13G0937-03RE1 @20000X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 20000 Multiplr: 1.00
Quant Time: Aug 02 08:56:29 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 16:58:42 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

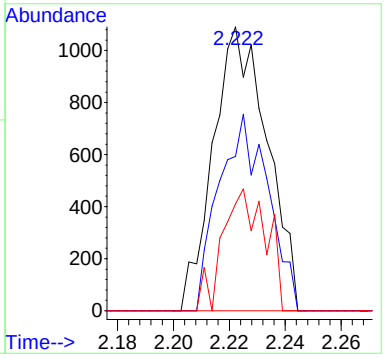


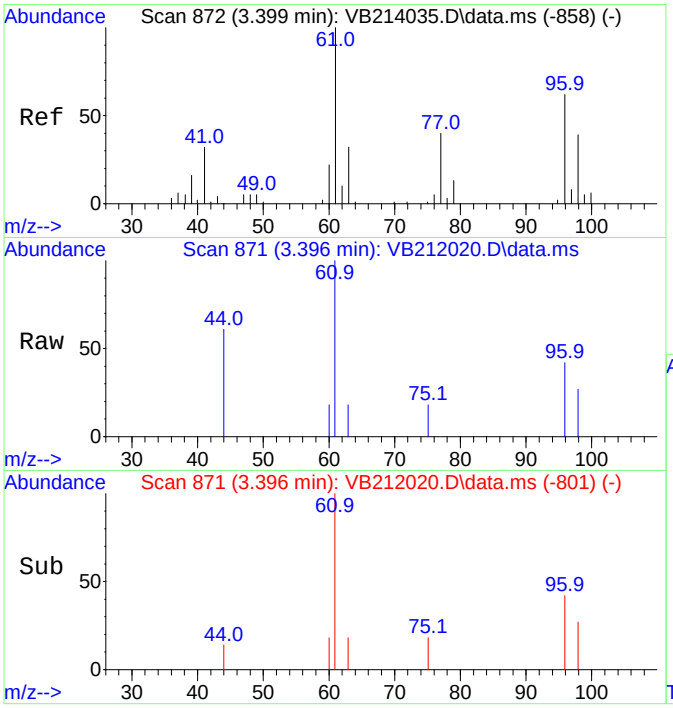


#21
METHYLENE CHLORIDE
Concen: 0.65 UG/L
RT: 2.222 min Scan# 450
Delta R.T. 0.000 min
Lab File: VB212020.D
Acq: 31 Jul 2013 8:44 pm

Tgt Ion: 49 Resp: 1463

Ion	Ratio	Lower	Upper
49	100		
84	62.5	58.6	88.0
86	0.0	37.9	56.9#

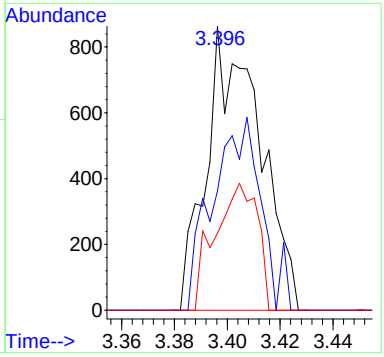


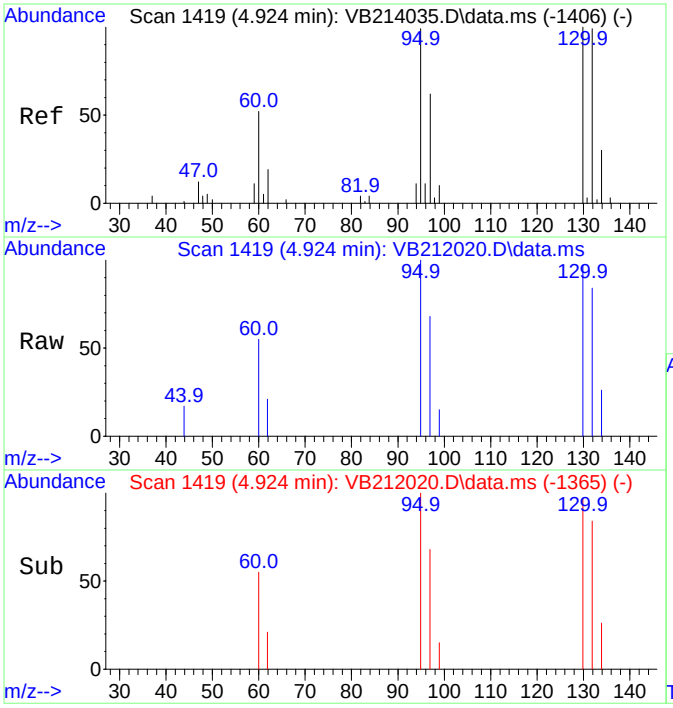


#30
CIS-1,2-DICHLOROETHENE
Concen: 0.35 UG/L
RT: 3.396 min Scan# 871
Delta R.T. -0.005 min
Lab File: VB212020.D
Acq: 31 Jul 2013 8:44 pm

Tgt Ion: 61 Resp: 1213

Ion	Ratio	Lower	Upper
61	100		
96	61.5	48.0	72.0
98	0.0	30.9	46.3#

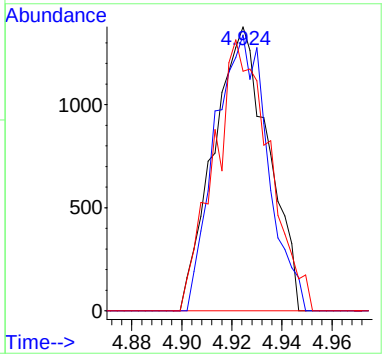


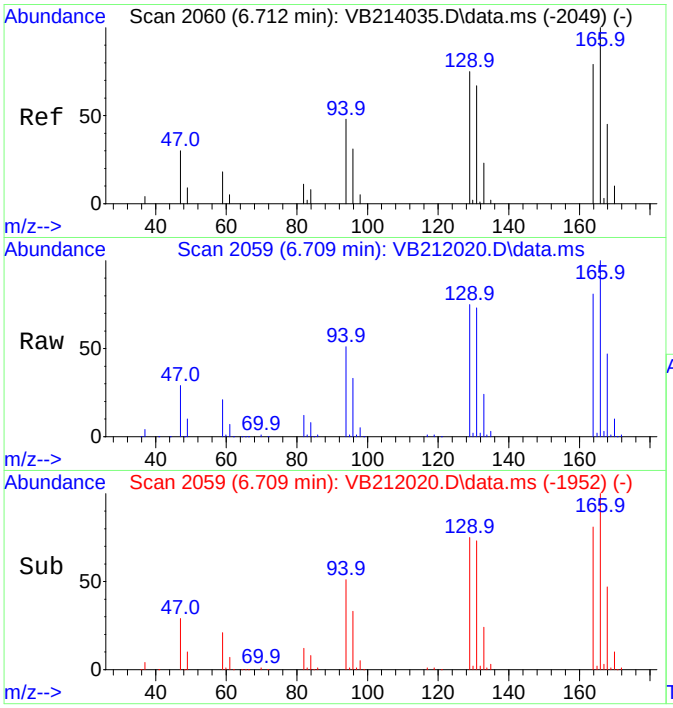


#45
TRICHLOROETHENE
Concen: 1.04 UG/L
RT: 4.924 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VB212020.D
Acq: 31 Jul 2013 8:44 pm

Tgt Ion: 95 Resp: 2094

Ion	Ratio	Lower	Upper
95	100		
130	93.9	79.0	118.4
132	96.7	78.7	118.1

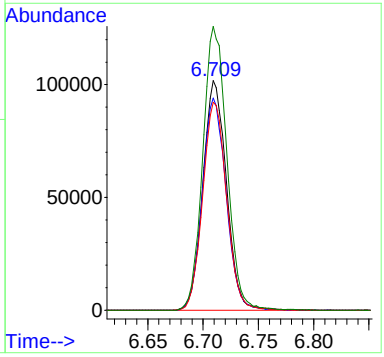




#59
TETRACHLOROETHENE
Concen: 97.39 UG/L
RT: 6.709 min Scan# 2059
Delta R.T. -0.002 min
Lab File: VB212020.D
Acq: 31 Jul 2013 8:44 pm

Tgt Ion:164 Resp: 151443

Ion	Ratio	Lower	Upper
164	100		
129	93.2	73.8	110.6
131	92.0	72.8	109.2
166	125.9	101.0	151.4



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FD-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-04	File ID:	VB211022.D
Sampled:	07/23/13 00:00	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 01:16
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	20
Initial/Final:	15.06 g / 16.28 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.64	59	
107-13-1	Acrylonitrile		0.60	5.9	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.13	0.59	
71-43-2	Benzene		0.059	1.2	
108-86-1	Bromobenzene		0.12	1.2	
74-97-5	Bromochloromethane		0.12	1.2	
75-27-4	Bromodichloromethane		0.095	1.2	
75-25-2	Bromoform		0.30	1.2	
74-83-9	Bromomethane		0.45	2.4	
78-93-3	2-Butanone (MEK)		0.48	24	
75-65-0	tert-Butyl Alcohol (TBA)		4.1	24	V-16
104-51-8	n-Butylbenzene		0.059	1.2	
135-98-8	sec-Butylbenzene		0.059	1.2	
98-06-6	tert-Butylbenzene		0.059	1.2	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.083	0.59	
75-15-0	Carbon Disulfide		0.059	5.9	
56-23-5	Carbon Tetrachloride		0.11	1.2	
108-90-7	Chlorobenzene		0.059	1.2	
124-48-1	Chlorodibromomethane		0.14	0.59	
75-00-3	Chloroethane		0.39	2.4	
67-66-3	Chloroform		0.047	2.4	
74-87-3	Chloromethane		0.15	2.4	
95-49-8	2-Chlorotoluene		0.059	1.2	
106-43-4	4-Chlorotoluene		0.059	1.2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.57	5.9	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FD-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-04	File ID:	VB211022.D
Sampled:	07/23/13 00:00	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 01:16
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	20
Initial/Final:	15.06 g / 16.28 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.17	0.59	
74-95-3	Dibromomethane		0.095	1.2	
95-50-1	1,2-Dichlorobenzene		0.071	1.2	
541-73-1	1,3-Dichlorobenzene		0.071	1.2	
106-46-7	1,4-Dichlorobenzene		0.13	1.2	
110-57-6	trans-1,4-Dichloro-2-butene		0.91	2.4	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.047	2.4	
75-34-3	1,1-Dichloroethane		0.11	1.2	
107-06-2	1,2-Dichloroethane		0.11	1.2	
75-35-4	1,1-Dichloroethylene		0.12	1.2	
156-59-2	cis-1,2-Dichloroethylene		0.059	1.2	
156-60-5	trans-1,2-Dichloroethylene		0.083	1.2	
78-87-5	1,2-Dichloropropane		0.24	1.2	
142-28-9	1,3-Dichloropropane		0.095	0.59	
594-20-7	2,2-Dichloropropane		0.15	1.2	
563-58-6	1,1-Dichloropropene		0.12	2.4	
10061-01-5	cis-1,3-Dichloropropene		0.083	1.2	
10061-02-6	trans-1,3-Dichloropropene		0.14	5.9	
60-29-7	Diethyl Ether		0.12	2.4	
108-20-3	Diisopropyl Ether (DIPE)		0.035	0.59	
123-91-1	1,4-Dioxane		4.1	59	R-05, V-16
100-41-4	Ethylbenzene		0.059	1.2	
87-68-3	Hexachlorobutadiene		0.31	1.2	
591-78-6	2-Hexanone (MBK)		0.78	12	
98-82-8	Isopropylbenzene (Cumene)		0.071	1.2	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FD-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-04	File ID:	VB211022.D
Sampled:	07/23/13 00:00	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 01:16
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	20
Initial/Final:	15.06 g / 16.28 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.071	1.2	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.059	1.2	
75-09-2	Methylene Chloride		2.6	12	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.26	12	
91-20-3	Naphthalene		0.25	2.4	
103-65-1	n-Propylbenzene		0.047	1.2	
100-42-5	Styrene		0.071	1.2	
630-20-6	1,1,1,2-Tetrachloroethane		0.095	1.2	
79-34-5	1,1,2,2-Tetrachloroethane		0.21	0.59	
127-18-4	Tetrachloroethylene	120	0.17	1.2	
109-99-9	Tetrahydrofuran		1.2	12	
108-88-3	Toluene		0.047	1.2	
87-61-6	1,2,3-Trichlorobenzene		0.26	5.9	V-05
120-82-1	1,2,4-Trichlorobenzene		0.13	1.2	V-05
108-70-3	1,3,5-Trichlorobenzene		0.47	5.9	V-05
71-55-6	1,1,1-Trichloroethane		0.059	1.2	
79-00-5	1,1,2-Trichloroethane		0.095	1.2	
79-01-6	Trichloroethylene	1.6	0.14	1.2	
75-69-4	Trichlorofluoromethane (Freon 11)		0.083	2.4	
96-18-4	1,2,3-Trichloropropane		0.25	2.4	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.13	1.2	
95-63-6	1,2,4-Trimethylbenzene		0.071	1.2	
108-67-8	1,3,5-Trimethylbenzene		0.071	1.2	
75-01-4	Vinyl Chloride		0.19	2.4	
108383/106423	m+p Xylene		0.083	2.4	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FD-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-04	File ID:	VB211022.D
Sampled:	07/23/13 00:00	Prepared:	07/30/13 06:10	Analyzed:	07/31/13 01:16
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	20
Initial/Final:	15.06 g / 16.28 mL				
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.059	1.2	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211022.D Vial: 22
Acq On : 31 Jul 2013 1:16 am Operator:
Sample : 13G0937-04 @1000X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 1000 Multiplr: 1.00
Quant Time: Aug 01 15:01:01 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

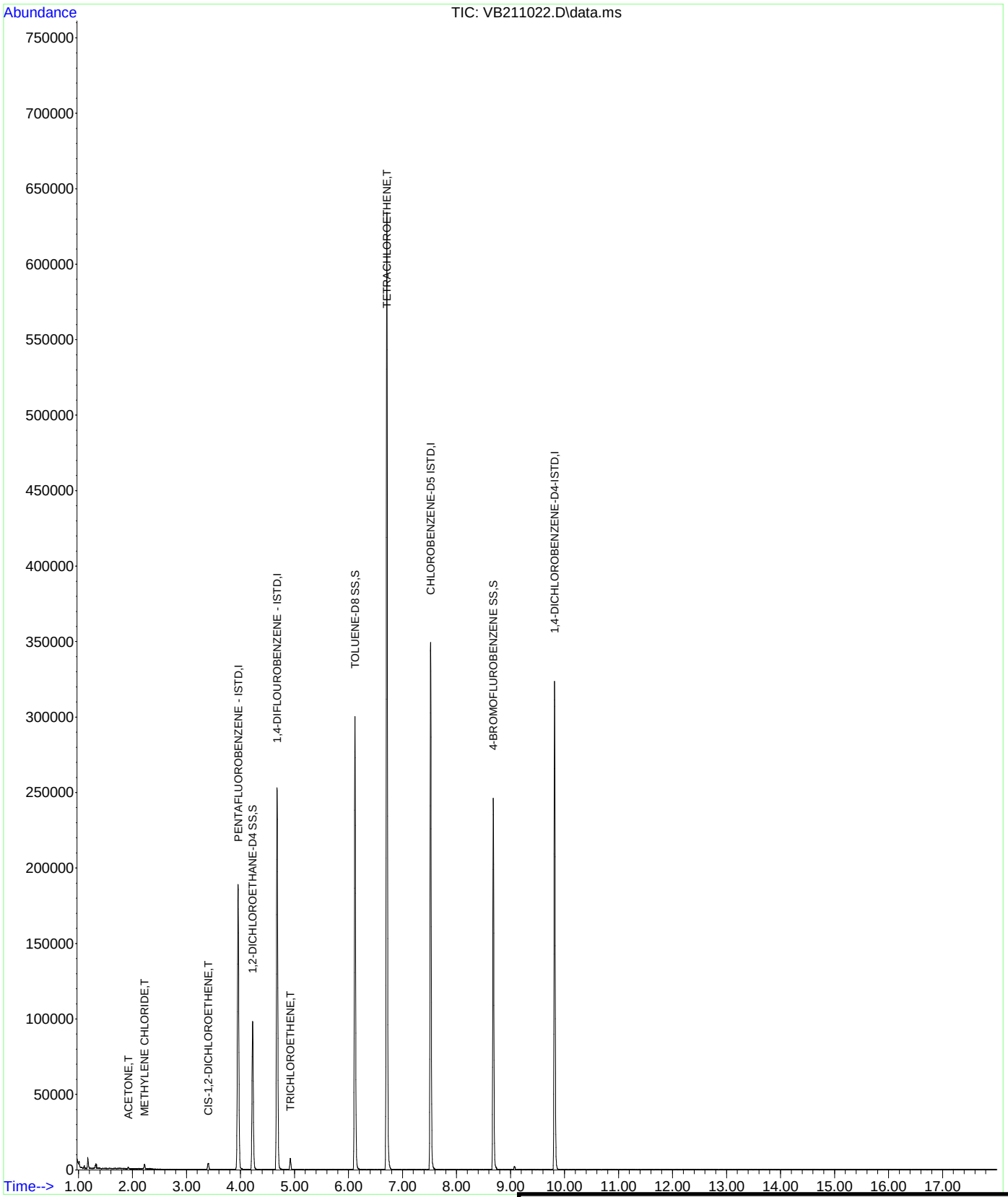
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	111277	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	166938	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	91797	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	70099	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.225	65	67825	27.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.12%			
43) TOLUENE-D8 SS	6.118	98	162561	24.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%			
64) 4-BROMOFLUROBENZENE SS	8.681	95	67192	23.42	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.68%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.310	94	774	Below Cal	#	3
14) ACETONE	1.921	43	1060	1.855	UG/L #	46
21) METHYLENE CHLORIDE	2.220	49	1413	0.761	UG/L	94
30) CIS-1,2-DICHLOROETHENE	3.405	61	2687	0.943	UG/L	94
45) TRICHLOROETHENE	4.919	95	2220	1.373	UG/L	96
59) TETRACHLOROETHENE	6.712	164	121046	97.348	UG/L	99

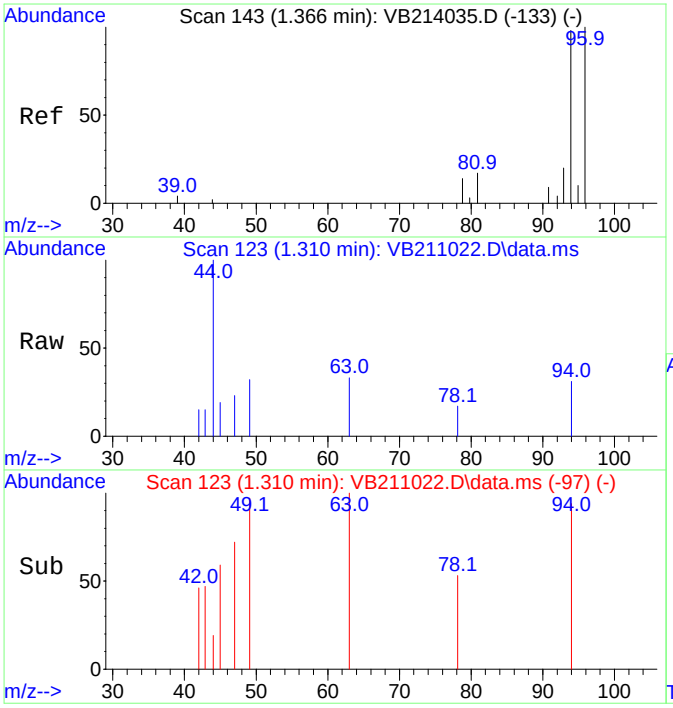
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211022.D Vial: 22
Acq On : 31 Jul 2013 1:16 am Operator:
Sample : 13G0937-04 @1000X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 1000 Multiplr: 1.00
Quant Time: Aug 01 15:01:01 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

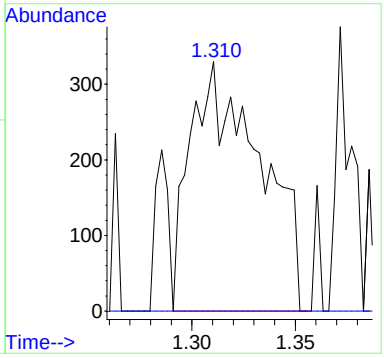


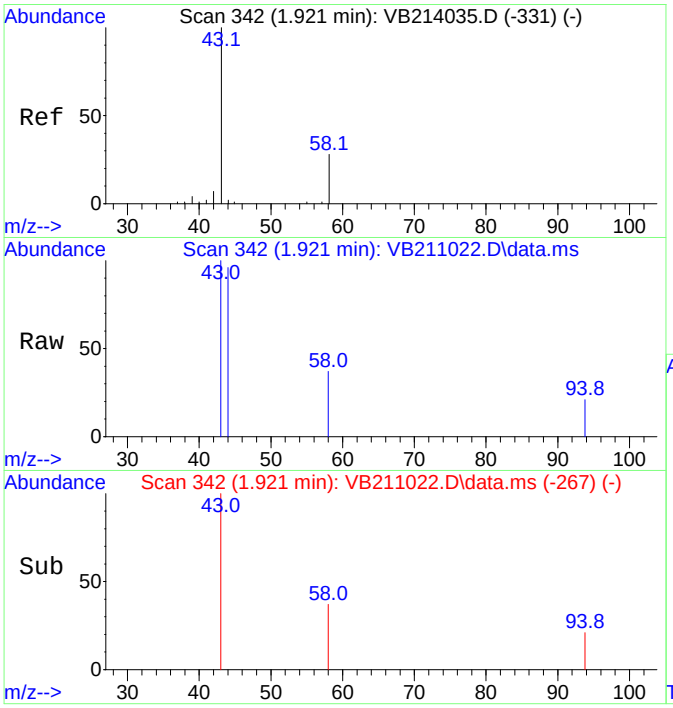


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.310 min Scan# 123
Delta R.T. -0.050 min
Lab File: VB211022.D
Acq: 31 Jul 2013 1:16 am

Tgt Ion: 94 Resp: 774

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.9	112.3#

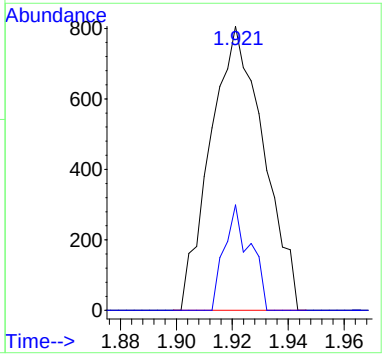


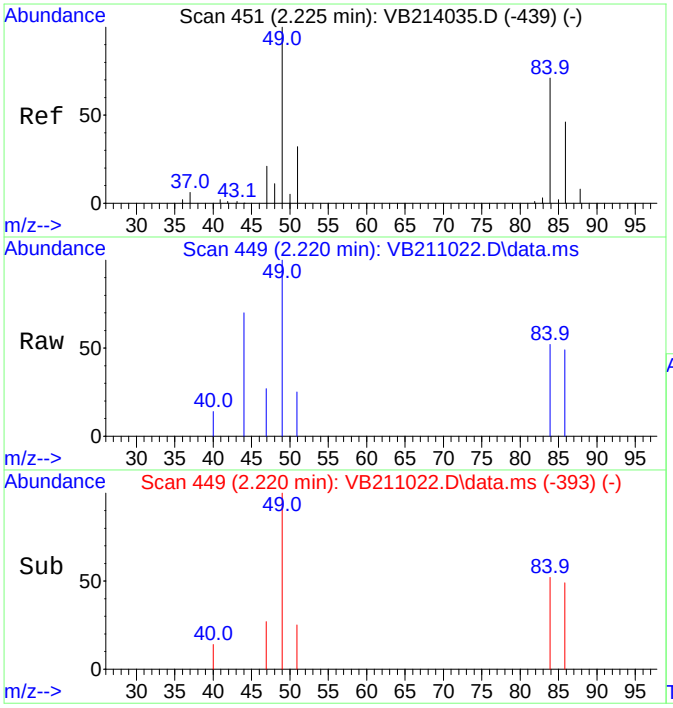


#14
ACETONE
Concen: 1.85 UG/L
RT: 1.921 min Scan# 342
Delta R.T. -0.005 min
Lab File: VB211022.D
Acq: 31 Jul 2013 1:16 am

Tgt Ion: 43 Resp: 1060

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#

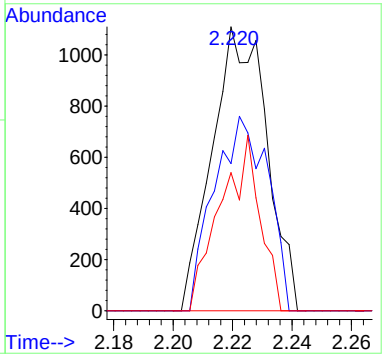


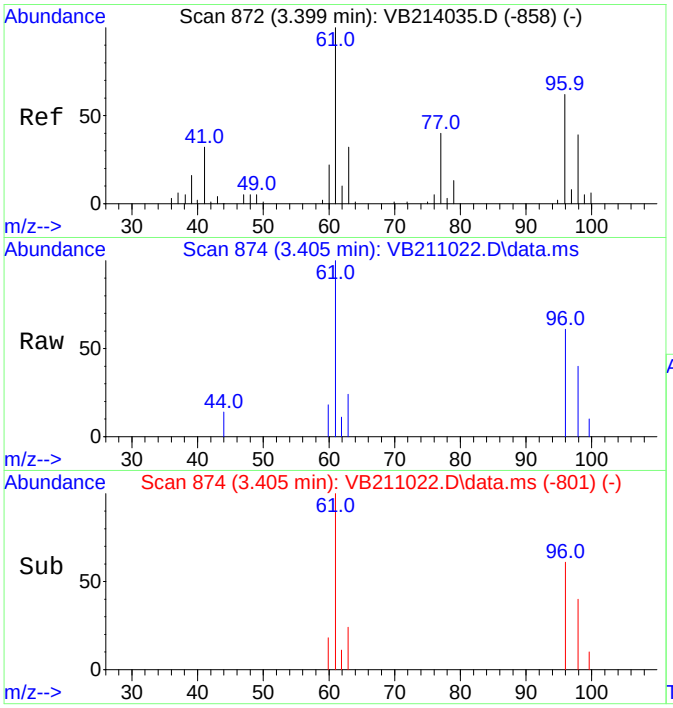


#21
METHYLENE CHLORIDE
Concen: 0.76 UG/L
RT: 2.220 min Scan# 449
Delta R.T. -0.002 min
Lab File: VB211022.D
Acq: 31 Jul 2013 1:16 am

Tgt Ion: 49 Resp: 1413

Ion	Ratio	Lower	Upper
49	100		
84	67.5	58.6	88.0
86	44.9	37.9	56.9

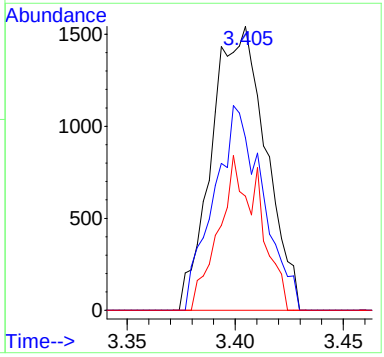


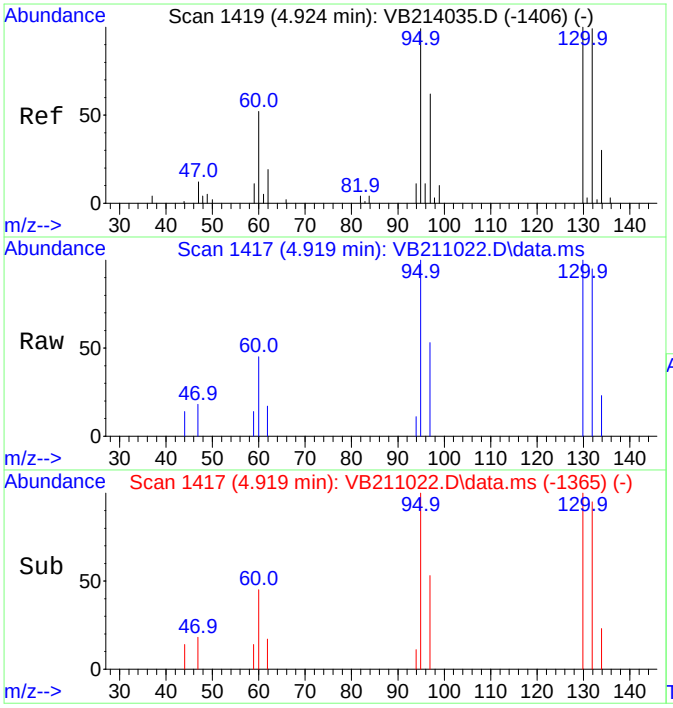


#30
CIS-1,2-DICHLOROETHENE
Concen: 0.94 UG/L
RT: 3.405 min Scan# 874
Delta R.T. 0.004 min
Lab File: VB211022.D
Acq: 31 Jul 2013 1:16 am

Tgt Ion: 61 Resp: 2687

Ion	Ratio	Lower	Upper
61	100		
96	65.2	48.0	72.0
98	40.8	30.9	46.3

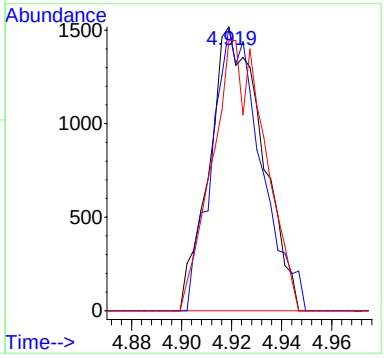


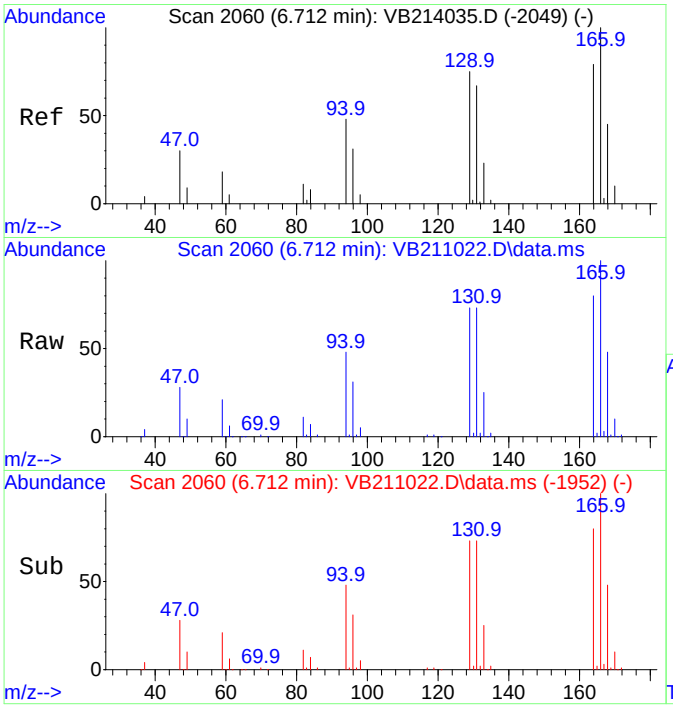


#45
TRICHLOROETHENE
Concen: 1.37 UG/L
RT: 4.919 min Scan# 1417
Delta R.T. -0.005 min
Lab File: VB211022.D
Acq: 31 Jul 2013 1:16 am

Tgt Ion: 95 Resp: 2220

Ion	Ratio	Lower	Upper
95	100		
130	92.9	79.0	118.4
132	95.4	78.7	118.1

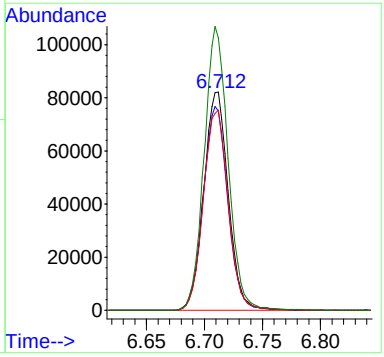




#59
TETRACHLOROETHENE
Concen: 97.35 UG/L
RT: 6.712 min Scan# 2060
Delta R.T. 0.001 min
Lab File: VB211022.D
Acq: 31 Jul 2013 1:16 am

Tgt Ion:164 Resp: 121046

Ion	Ratio	Lower	Upper
164	100		
129	93.3	73.8	110.6
131	92.6	72.8	109.2
166	127.1	101.0	151.4



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-05	File ID:	VB210012.D
Sampled:	07/23/13 14:15	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		4.7	50	
107-13-1	Acrylonitrile		0.58	5.0	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.091	0.50	
71-43-2	Benzene		0.079	1.0	
108-86-1	Bromobenzene		0.044	1.0	
74-97-5	Bromochloromethane		0.22	1.0	
75-27-4	Bromodichloromethane		0.088	1.0	
75-25-2	Bromoform		0.21	1.0	
74-83-9	Bromomethane		0.94	2.0	
78-93-3	2-Butanone (MEK)		2.4	20	
75-65-0	tert-Butyl Alcohol (TBA)		2.2	20	V-16
104-51-8	n-Butylbenzene		0.054	1.0	
135-98-8	sec-Butylbenzene		0.084	1.0	
98-06-6	tert-Butylbenzene		0.096	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.075	0.50	
75-15-0	Carbon Disulfide		1.0	5.0	
56-23-5	Carbon Tetrachloride		0.10	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.054	0.50	
75-00-3	Chloroethane		0.16	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.32	2.0	
95-49-8	2-Chlorotoluene		0.070	1.0	
106-43-4	4-Chlorotoluene		0.074	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.34	5.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-05	File ID:	VB210012.D
Sampled:	07/23/13 14:15	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.089	0.50	
74-95-3	Dibromomethane		0.070	1.0	
95-50-1	1,2-Dichlorobenzene		0.076	1.0	
541-73-1	1,3-Dichlorobenzene		0.079	1.0	
106-46-7	1,4-Dichlorobenzene		0.046	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.12	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.12	2.0	
75-34-3	1,1-Dichloroethane		0.16	1.0	
107-06-2	1,2-Dichloroethane		0.19	1.0	
75-35-4	1,1-Dichloroethylene		0.21	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.15	1.0	
78-87-5	1,2-Dichloropropane		0.11	1.0	
142-28-9	1,3-Dichloropropane		0.099	0.50	
594-20-7	2,2-Dichloropropane		0.072	1.0	
563-58-6	1,1-Dichloropropene		0.13	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.062	1.0	
10061-02-6	trans-1,3-Dichloropropene		0.056	5.0	
60-29-7	Diethyl Ether		0.22	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.18	0.50	
123-91-1	1,4-Dioxane		26	50	V-16
100-41-4	Ethylbenzene		0.092	1.0	
87-68-3	Hexachlorobutadiene		0.17	1.0	
591-78-6	2-Hexanone (MBK)		1.5	10	
98-82-8	Isopropylbenzene (Cumene)		0.11	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-05	File ID:	VB210012.D
Sampled:	07/23/13 14:15	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.12	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.090	1.0	
75-09-2	Methylene Chloride		3.2	10	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.5	10	
91-20-3	Naphthalene		0.12	2.0	
103-65-1	n-Propylbenzene		0.094	1.0	
100-42-5	Styrene		0.12	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.12	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.12	0.50	
127-18-4	Tetrachloroethylene		0.080	1.0	
109-99-9	Tetrahydrofuran		1.1	10	
108-88-3	Toluene		0.090	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.14	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.12	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.14	5.0	V-05
71-55-6	1,1,1-Trichloroethane		0.094	1.0	
79-00-5	1,1,2-Trichloroethane		0.12	1.0	
79-01-6	Trichloroethylene		0.077	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
96-18-4	1,2,3-Trichloropropane		0.12	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.092	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.18	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.10	1.0	
75-01-4	Vinyl Chloride		0.13	2.0	
108383/106423	m+p Xylene		0.18	2.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-05	File ID:	VB210012.D
Sampled:	07/23/13 14:15	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.11	1.0	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210012.D Vial: 12
Acq On : 29 Jul 2013 3:28 pm Operator:
Sample : 13G0937-05 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:06:13 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

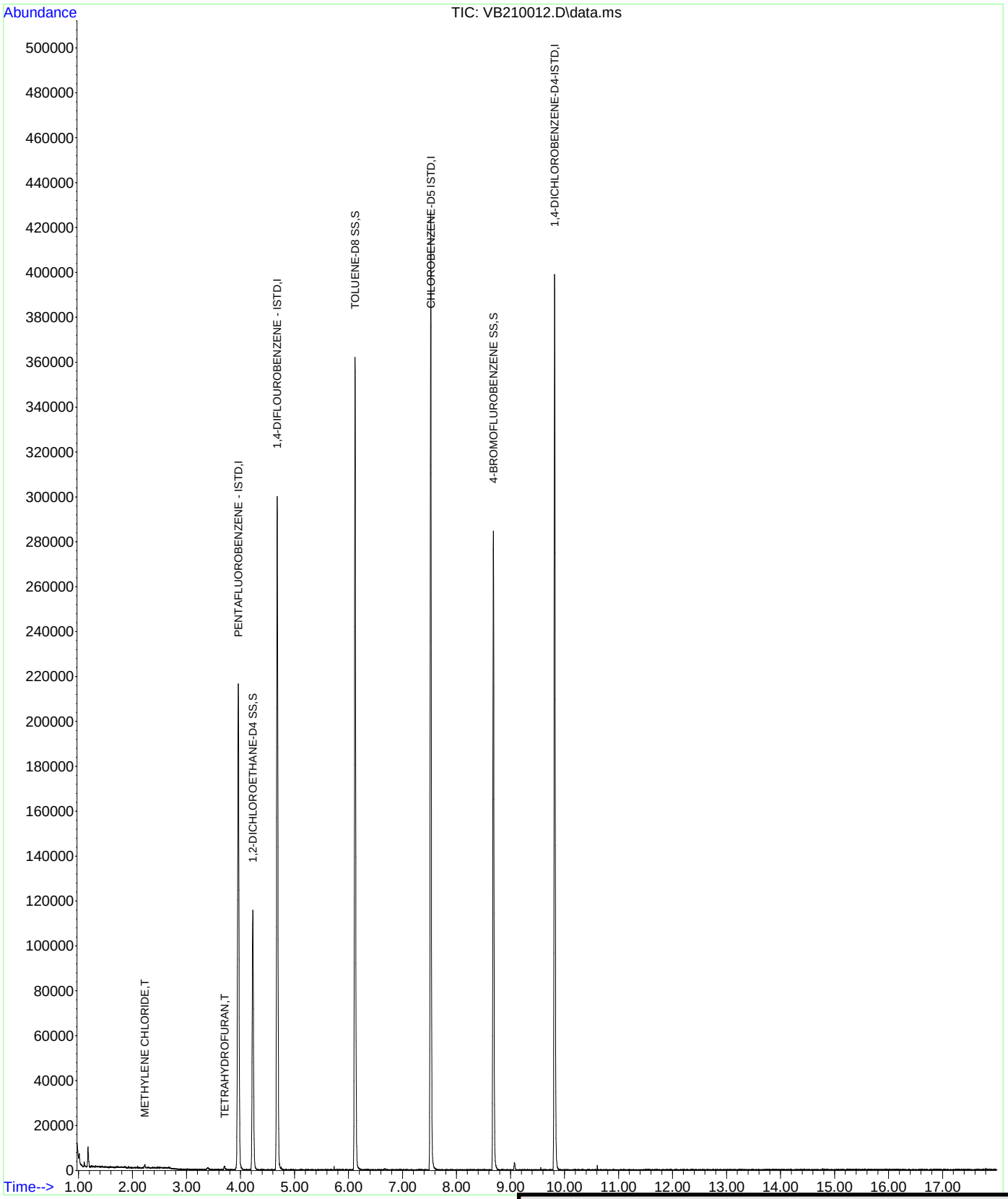
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	131389	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	202480	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	108261	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	87398	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	76901	26.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.76%			
43) TOLUENE-D8 SS	6.121	98	195837	24.59	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%			
64) 4-BROMOFLUROBENZENE SS	8.683	95	81024	23.95	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.80%			
Target Compounds						Qvalue
21) METHYLENE CHLORIDE	2.222	49	548	0.250	UG/L	# 19
34) TETRAHYDROFURAN	3.703	42	900m	1.231	UG/L	

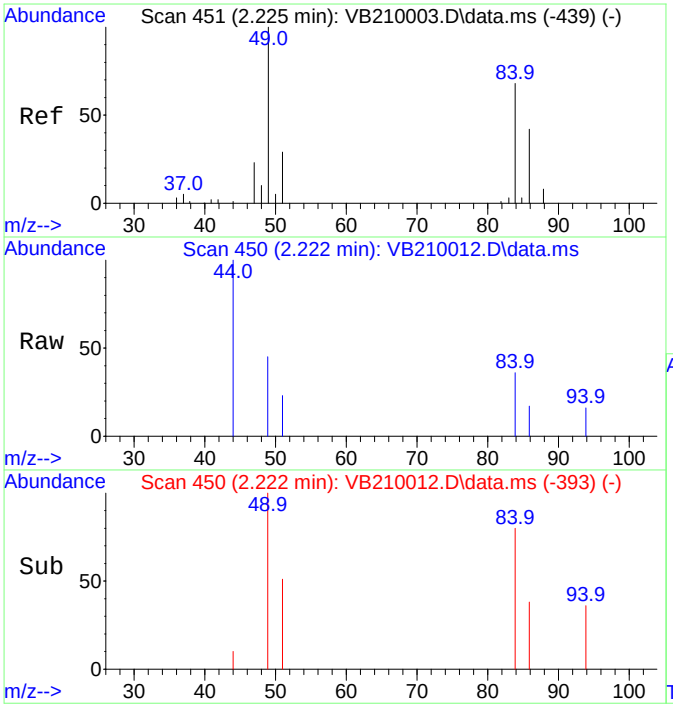
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210012.D Vial: 12
Acq On : 29 Jul 2013 3:28 pm Operator:
Sample : 13G0937-05 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:06:13 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

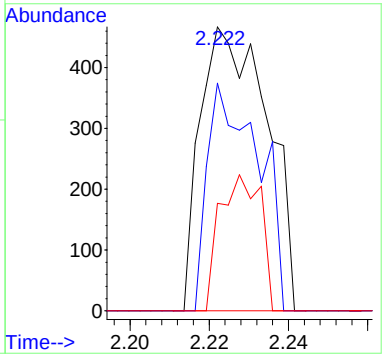


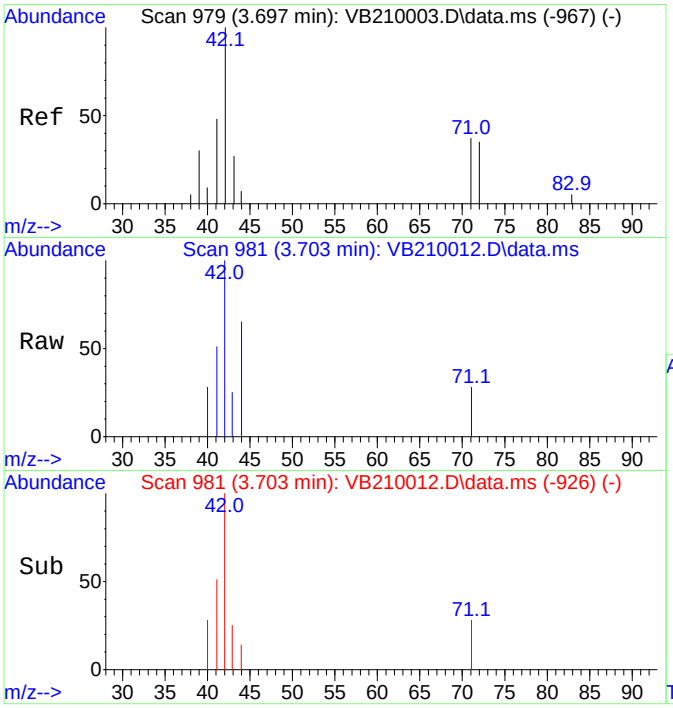


#21
METHYLENE CHLORIDE
Concen: 0.25 UG/L
RT: 2.222 min Scan# 450
Delta R.T. 0.000 min
Lab File: VB210012.D
Acq: 29 Jul 2013 3:28 pm

Tgt Ion: 49 Resp: 548

Ion	Ratio	Lower	Upper
49	100		
84	0.0	58.6	88.0#
86	0.0	37.9	56.9#

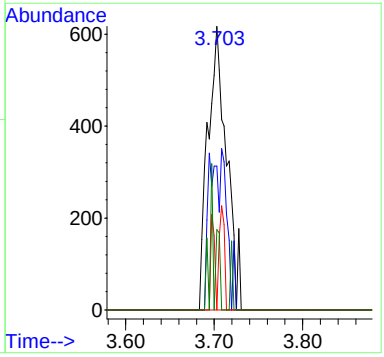




#34
TETRAHYDROFURAN
Concen: 1.23 UG/L m
RT: 3.703 min Scan# 981
Delta R.T. 0.003 min
Lab File: VB210012.D
Acq: 29 Jul 2013 3:28 pm

Tgt Ion: 42 Resp: 900

Ion	Ratio	Lower	Upper
42	100		
41	0.0	0.0	0.0
72	0.0	33.0	49.6#
71	0.0	29.6	44.4#



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-02-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-06	File ID:	VB210013.D
Sampled:	07/23/13 16:34	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		4.7	50	
107-13-1	Acrylonitrile		0.58	5.0	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.091	0.50	
71-43-2	Benzene		0.079	1.0	
108-86-1	Bromobenzene		0.044	1.0	
74-97-5	Bromochloromethane		0.22	1.0	
75-27-4	Bromodichloromethane		0.088	1.0	
75-25-2	Bromoform		0.21	1.0	
74-83-9	Bromomethane		0.94	2.0	
78-93-3	2-Butanone (MEK)		2.4	20	
75-65-0	tert-Butyl Alcohol (TBA)		2.2	20	V-16
104-51-8	n-Butylbenzene		0.054	1.0	
135-98-8	sec-Butylbenzene		0.084	1.0	
98-06-6	tert-Butylbenzene		0.096	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.075	0.50	
75-15-0	Carbon Disulfide		1.0	5.0	
56-23-5	Carbon Tetrachloride		0.10	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.054	0.50	
75-00-3	Chloroethane		0.16	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.32	2.0	
95-49-8	2-Chlorotoluene		0.070	1.0	
106-43-4	4-Chlorotoluene		0.074	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.34	5.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-02-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-06	File ID:	VB210013.D
Sampled:	07/23/13 16:34	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.089	0.50	
74-95-3	Dibromomethane		0.070	1.0	
95-50-1	1,2-Dichlorobenzene		0.076	1.0	
541-73-1	1,3-Dichlorobenzene		0.079	1.0	
106-46-7	1,4-Dichlorobenzene		0.046	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.12	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.12	2.0	
75-34-3	1,1-Dichloroethane		0.16	1.0	
107-06-2	1,2-Dichloroethane		0.19	1.0	
75-35-4	1,1-Dichloroethylene		0.21	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.15	1.0	
78-87-5	1,2-Dichloropropane		0.11	1.0	
142-28-9	1,3-Dichloropropane		0.099	0.50	
594-20-7	2,2-Dichloropropane		0.072	1.0	
563-58-6	1,1-Dichloropropene		0.13	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.062	1.0	
10061-02-6	trans-1,3-Dichloropropene		0.056	5.0	
60-29-7	Diethyl Ether		0.22	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.18	0.50	
123-91-1	1,4-Dioxane		26	50	V-16
100-41-4	Ethylbenzene		0.092	1.0	
87-68-3	Hexachlorobutadiene		0.17	1.0	
591-78-6	2-Hexanone (MBK)		1.5	10	
98-82-8	Isopropylbenzene (Cumene)		0.11	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-02-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-06	File ID:	VB210013.D
Sampled:	07/23/13 16:34	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.12	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.090	1.0	
75-09-2	Methylene Chloride		3.2	10	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.5	10	
91-20-3	Naphthalene		0.12	2.0	
103-65-1	n-Propylbenzene		0.094	1.0	
100-42-5	Styrene		0.12	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.12	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.12	0.50	
127-18-4	Tetrachloroethylene	4.0	0.080	1.0	
109-99-9	Tetrahydrofuran		1.1	10	
108-88-3	Toluene		0.090	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.14	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.12	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.14	5.0	V-05
71-55-6	1,1,1-Trichloroethane		0.094	1.0	
79-00-5	1,1,2-Trichloroethane		0.12	1.0	
79-01-6	Trichloroethylene		0.077	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
96-18-4	1,2,3-Trichloropropane		0.12	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.092	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.18	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.10	1.0	
75-01-4	Vinyl Chloride		0.13	2.0	
108383/106423	m+p Xylene		0.18	2.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FB-02-7-23-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13G0937-06	File ID:	VB210013.D
Sampled:	07/23/13 16:34	Prepared:	07/29/13 11:09	Analyzed:	07/29/13 15:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.11	1.0	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210013.D Vial: 13
Acq On : 29 Jul 2013 3:59 pm Operator:
Sample : 13G0937-06 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:07:24 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

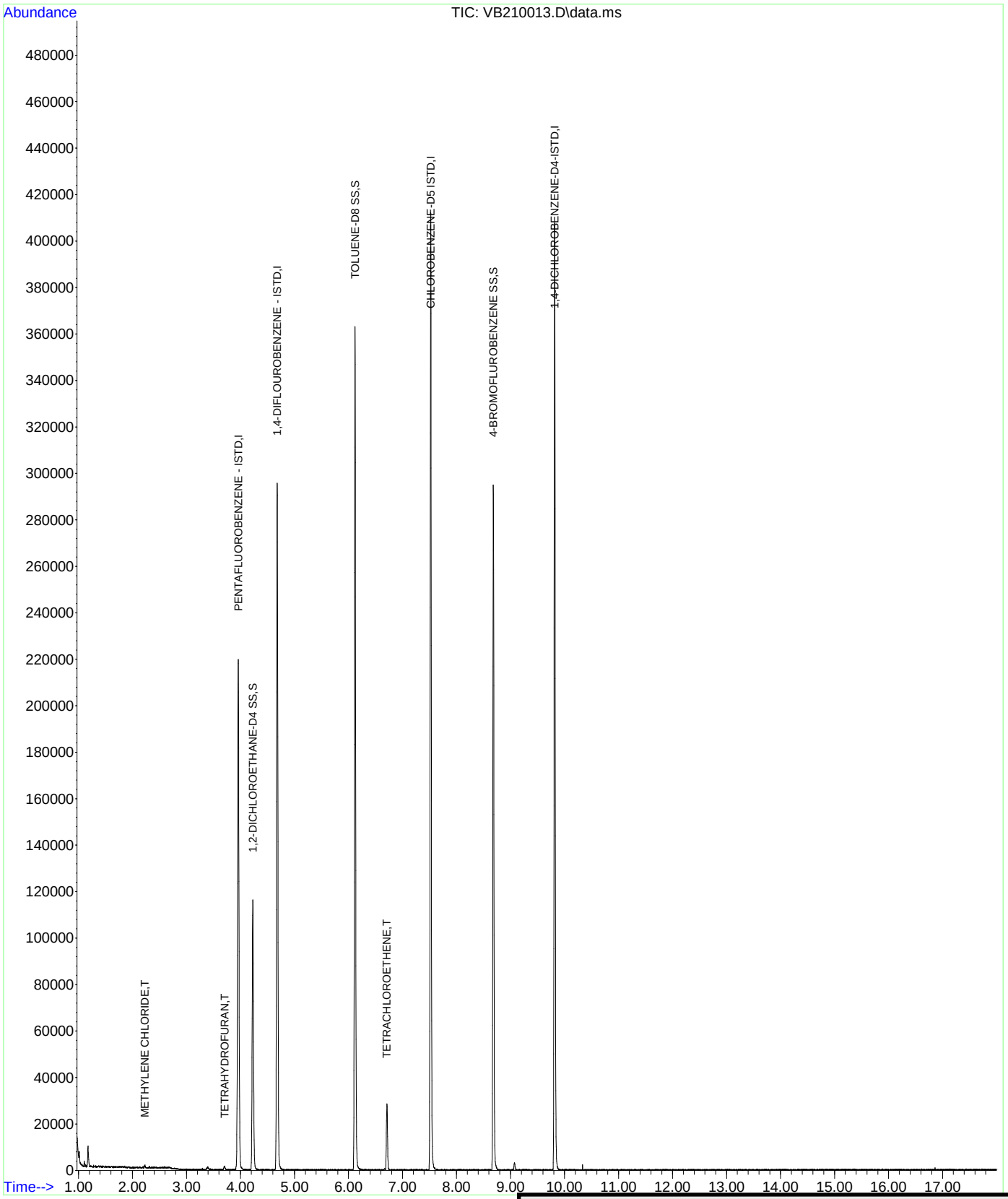
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	133030	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	199057	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	107391	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	89383	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	77637	26.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.44%			
43) TOLUENE-D8 SS	6.121	98	195311	24.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%			
64) 4-BROMOFLUROBENZENE SS	8.681	95	80550	24.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.00%			
Target Compounds						Qvalue
21) METHYLENE CHLORIDE	2.228	49	567m	0.256	UG/L	
34) TETRAHYDROFURAN	3.706	42	906m	1.224	UG/L	
59) TETRACHLOROETHENE	6.709	164	5868	3.958	UG/L	97

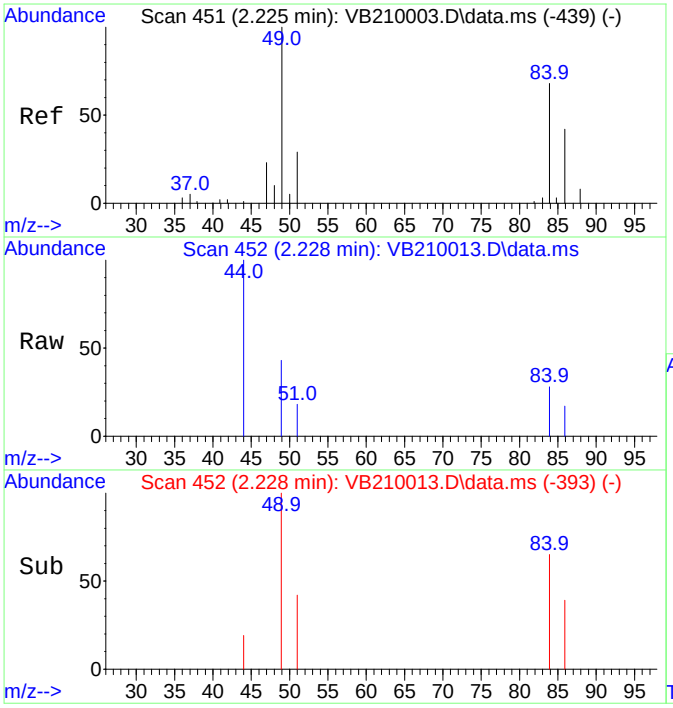
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210013.D Vial: 13
Acq On : 29 Jul 2013 3:59 pm Operator:
Sample : 13G0937-06 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:07:24 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

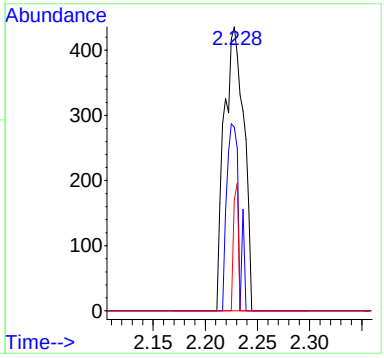


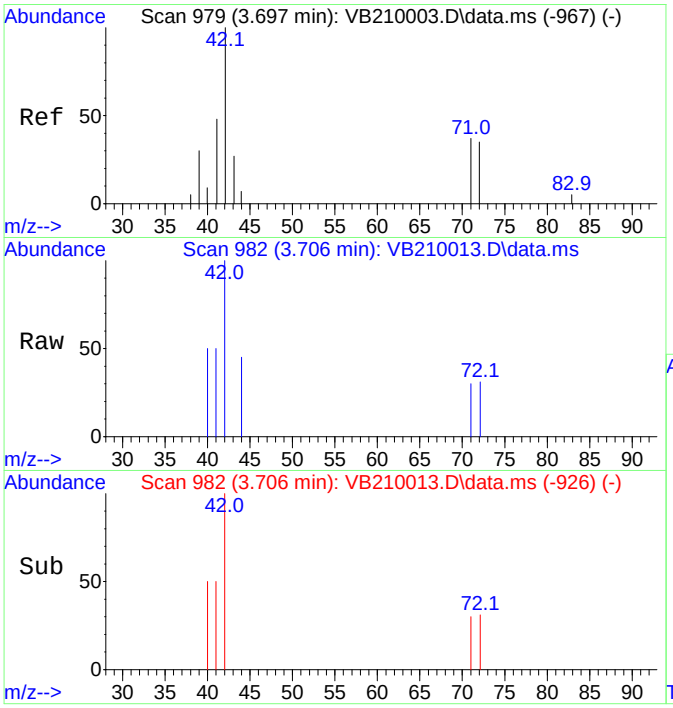


#21
METHYLENE CHLORIDE
Concen: 0.26 UG/L m
RT: 2.228 min Scan# 452
Delta R.T. 0.006 min
Lab File: VB210013.D
Acq: 29 Jul 2013 3:59 pm

Tgt Ion: 49 Resp: 567

Ion	Ratio	Lower	Upper
49	100		
84	0.0	58.6	88.0#
86	0.0	37.9	56.9#

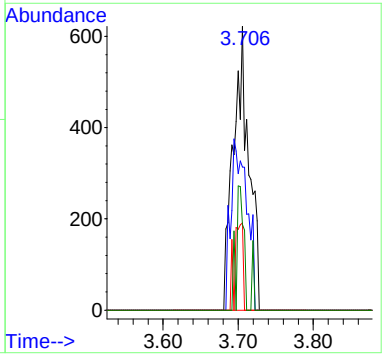


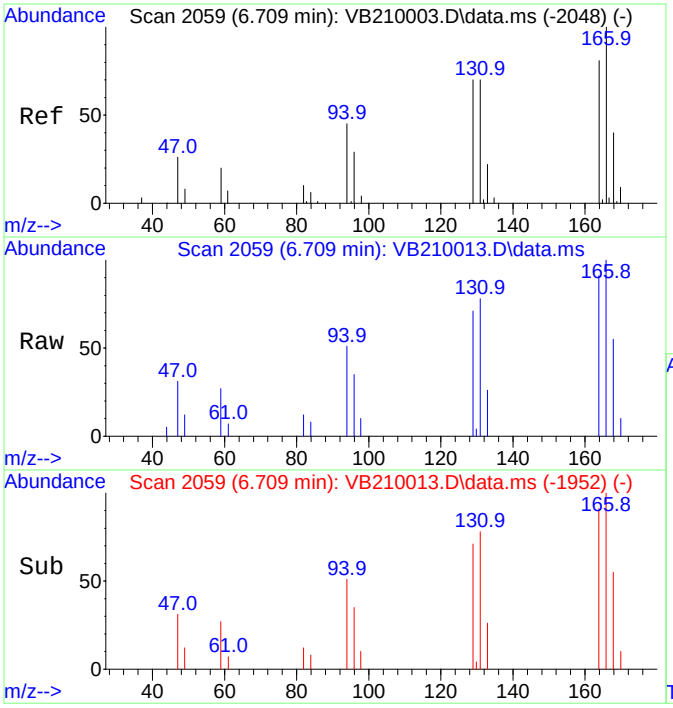


#34
TETRAHYDROFURAN
Concen: 1.22 UG/L m
RT: 3.706 min Scan# 982
Delta R.T. 0.006 min
Lab File: VB210013.D
Acq: 29 Jul 2013 3:59 pm

Tgt Ion: 42 Resp: 906

Ion	Ratio	Lower	Upper
42	100		
41	62.1	0.0	0.0#
72	0.0	33.0	49.6#
71	0.0	29.6	44.4#

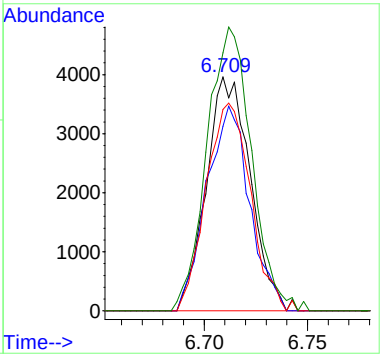




#59
TETRACHLOROETHENE
Concen: 3.96 UG/L
RT: 6.709 min Scan# 2059
Delta R.T. -0.002 min
Lab File: VB210013.D
Acq: 29 Jul 2013 3:59 pm

Tgt Ion:164 Resp: 5868

Ion	Ratio	Lower	Upper
164	100		
129	85.5	73.8	110.6
131	89.9	72.8	109.2
166	123.3	101.0	151.4



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOLATILES QC SUMMARY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
13G0937-01	109	95.1	98.9
13G0937-03	109	94.4	99.4
13G0937-04	110	93.6	98.9
B077701-BLK1	109	99.3	100
B077701-BS1	107	100	100
B077701-BSD1	110	100	100

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
13G0937-03RE1	109	94.4	100
B077786-BLK1	105	96.4	101
B077786-BS1	102	99.6	100
B077786-BSD1	104	100	100

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
13G0937-02	105	95.8	99.0
13G0937-05	106	95.8	98.4
13G0937-06	105	96.0	99.8
B077818-BLK1	105	96.9	99.3
B077818-BS1	104	98.8	101
B077818-BSD1	103	99.0	99.7

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B077701	Laboratory ID:	B077701-BS1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
Acetone	0.113	0.120	106		70 - 160
Acrylonitrile	0.0113	0.0119	105		70 - 130
tert-Amyl Methyl Ether (TAME)	0.0113	0.0126	111		70 - 130
Benzene	0.0113	0.0115	102		70 - 130
Bromobenzene	0.0113	0.0122	108		70 - 130
Bromochloromethane	0.0113	0.0133	118		70 - 130
Bromodichloromethane	0.0113	0.0126	111		70 - 130
Bromoform	0.0113	0.0119	105		70 - 130
Bromomethane	0.0113	0.0156	137	*	40 - 130
2-Butanone (MEK)	0.113	0.106	93.4		70 - 160
tert-Butyl Alcohol (TBA)	0.113	0.0946	83.4		40 - 130
n-Butylbenzene	0.0113	0.0118	104		70 - 130
sec-Butylbenzene	0.0113	0.0123	109		70 - 130
tert-Butylbenzene	0.0113	0.0124	109		70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0113	0.0130	115		70 - 130
Carbon Disulfide	0.0113	0.0129	114		70 - 130
Carbon Tetrachloride	0.0113	0.0133	117		70 - 130
Chlorobenzene	0.0113	0.0127	112		70 - 130
Chlorodibromomethane	0.0113	0.0115	101		70 - 130
Chloroethane	0.0113	0.0135	119		70 - 130
Chloroform	0.0113	0.0133	118		70 - 130
Chloromethane	0.0113	0.00913	80.6		70 - 130
2-Chlorotoluene	0.0113	0.0121	107		70 - 130
4-Chlorotoluene	0.0113	0.0128	113		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0113	0.0113	99.6		70 - 130
1,2-Dibromoethane (EDB)	0.0113	0.0130	115		70 - 130
Dibromomethane	0.0113	0.0130	114		70 - 130
1,2-Dichlorobenzene	0.0113	0.0125	110		70 - 130
1,3-Dichlorobenzene	0.0113	0.0125	110		70 - 130
1,4-Dichlorobenzene	0.0113	0.0129	114		70 - 130
trans-1,4-Dichloro-2-butene	0.0113	0.00954	84.2		70 - 130

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B077701	Laboratory ID:	B077701-BS1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	0.0113	0.00866	76.4	40 - 160
1,1-Dichloroethane	0.0113	0.0125	111	70 - 130
1,2-Dichloroethane	0.0113	0.0144	128	70 - 130
1,1-Dichloroethylene	0.0113	0.0141	124	70 - 130
cis-1,2-Dichloroethylene	0.0113	0.0128	113	70 - 130
trans-1,2-Dichloroethylene	0.0113	0.0136	120	70 - 130
1,2-Dichloropropane	0.0113	0.0120	106	70 - 130
1,3-Dichloropropane	0.0113	0.0129	114	70 - 130
2,2-Dichloropropane	0.0113	0.0145	128	70 - 130
1,1-Dichloropropene	0.0113	0.0134	118	70 - 130
cis-1,3-Dichloropropene	0.0113	0.0115	102	70 - 130
trans-1,3-Dichloropropene	0.0113	0.0118	104	70 - 130
Diethyl Ether	0.0113	0.0118	104	70 - 130
Diisopropyl Ether (DIPE)	0.0113	0.0137	121	70 - 130
1,4-Dioxane	0.113	0.0936	82.6	40 - 160
Ethylbenzene	0.0113	0.0124	110	70 - 130
Hexachlorobutadiene	0.0113	0.0134	119	70 - 160
2-Hexanone (MBK)	0.113	0.117	103	70 - 160
Isopropylbenzene (Cumene)	0.0113	0.0126	111	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0113	0.0126	112	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0113	0.0139	123	70 - 130
Methylene Chloride	0.0113	0.0137	121	40 - 160
4-Methyl-2-pentanone (MIBK)	0.113	0.118	104	70 - 160
Naphthalene	0.0113	0.0110	97.5	40 - 130
n-Propylbenzene	0.0113	0.0126	111	70 - 130
Styrene	0.0113	0.0124	109	70 - 130
1,1,1,2-Tetrachloroethane	0.0113	0.0126	111	70 - 130
1,1,2,2-Tetrachloroethane	0.0113	0.0117	103	70 - 130
Tetrachloroethylene	0.0113	0.0142	125	70 - 130
Tetrahydrofuran	0.0113	0.0110	96.8	70 - 130
Toluene	0.0113	0.0122	108	70 - 130

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B077701	Laboratory ID:	B077701-BS1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
1,2,3-Trichlorobenzene	0.0113	0.00986	87.0		70 - 130
1,2,4-Trichlorobenzene	0.0113	0.00991	87.4		70 - 130
1,3,5-Trichlorobenzene	0.0113	0.0104	91.7		70 - 130
1,1,1-Trichloroethane	0.0113	0.0135	119		70 - 130
1,1,2-Trichloroethane	0.0113	0.0125	110		70 - 130
Trichloroethylene	0.0113	0.0123	108		70 - 130
Trichlorofluoromethane (Freon 11)	0.0113	0.0153	135	*	70 - 130
1,2,3-Trichloropropane	0.0113	0.0126	111		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0113	0.0146	129		70 - 130
1,2,4-Trimethylbenzene	0.0113	0.0127	112		70 - 130
1,3,5-Trimethylbenzene	0.0113	0.0128	113		70 - 130
Vinyl Chloride	0.0113	0.0100	88.5		40 - 130
m+p Xylene	0.0227	0.0255	112		70 - 130
o-Xylene	0.0113	0.0126	112		70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	0.113	0.113	99.4		6.14	25	70 - 160
Acrylonitrile	0.0113	0.00958	84.5		21.5	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0113	0.0120	106		4.79	25	70 - 130
Benzene	0.0113	0.0109	96.0		5.57	25	70 - 130
Bromobenzene	0.0113	0.0112	99.0		8.42	25	70 - 130
Bromochloromethane	0.0113	0.0125	111		6.13	25	70 - 130
Bromodichloromethane	0.0113	0.0115	102		8.91	25	70 - 130
Bromoform	0.0113	0.0115	101		3.78	25	70 - 130
Bromomethane	0.0113	0.0183	161	*	15.9	25	40 - 130
2-Butanone (MEK)	0.113	0.100	88.2		5.69	25	70 - 160
tert-Butyl Alcohol (TBA)	0.113	0.0884	78.0		6.70	25	40 - 130
n-Butylbenzene	0.0113	0.0107	94.4		9.68	25	70 - 130

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B077701	Laboratory ID:	B077701-BSD1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	0.0113	0.0116	103	5.58	25	70 - 130
tert-Butylbenzene	0.0113	0.0117	103	5.84	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0113	0.0125	110	4.54	25	70 - 130
Carbon Disulfide	0.0113	0.0123	109	4.58	25	70 - 130
Carbon Tetrachloride	0.0113	0.0130	115	2.16	25	70 - 130
Chlorobenzene	0.0113	0.0115	102	9.36	25	70 - 130
Chlorodibromomethane	0.0113	0.0110	96.7	4.55	25	70 - 130
Chloroethane	0.0113	0.0139	122	2.81	25	70 - 130
Chloroform	0.0113	0.0126	111	5.78	25	70 - 130
Chloromethane	0.0113	0.00881	77.7	3.66	25	70 - 130
2-Chlorotoluene	0.0113	0.0113	99.3	7.56	25	70 - 130
4-Chlorotoluene	0.0113	0.0117	103	8.99	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0113	0.0108	95.6	4.10	25	70 - 130
1,2-Dibromoethane (EDB)	0.0113	0.0124	110	4.99	25	70 - 130
Dibromomethane	0.0113	0.0123	108	5.48	25	70 - 130
1,2-Dichlorobenzene	0.0113	0.0114	101	8.53	25	70 - 130
1,3-Dichlorobenzene	0.0113	0.0117	103	6.38	25	70 - 130
1,4-Dichlorobenzene	0.0113	0.0117	103	10.1	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0113	0.00912	80.5	4.49	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0113	0.00893	78.8	3.09	25	40 - 160
1,1-Dichloroethane	0.0113	0.0120	106	3.97	25	70 - 130
1,2-Dichloroethane	0.0113	0.0137	121	5.07	25	70 - 130
1,1-Dichloroethylene	0.0113	0.0145	128	2.62	25	70 - 130
cis-1,2-Dichloroethylene	0.0113	0.0118	104	7.75	25	70 - 130
trans-1,2-Dichloroethylene	0.0113	0.0112	98.4	19.5	25	70 - 130
1,2-Dichloropropane	0.0113	0.0116	102	4.03	25	70 - 130
1,3-Dichloropropane	0.0113	0.0121	107	5.89	25	70 - 130
2,2-Dichloropropane	0.0113	0.0124	109	15.9	25	70 - 130
1,1-Dichloropropene	0.0113	0.0131	115	2.82	25	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B077701	Laboratory ID:	B077701-BSD1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	0.0113	0.0106	93.2		8.53	25	70 - 130
trans-1,3-Dichloropropene	0.0113	0.0105	92.8		11.4	25	70 - 130
Diethyl Ether	0.0113	0.0119	105		0.383	25	70 - 130
Diisopropyl Ether (DIPE)	0.0113	0.0128	112		7.20	25	70 - 130
1,4-Dioxane	0.113	0.0516	45.5		57.9	50	40 - 160
Ethylbenzene	0.0113	0.0114	101		8.17	25	70 - 130
Hexachlorobutadiene	0.0113	0.0113	99.8		17.2	25	70 - 160
2-Hexanone (MBK)	0.113	0.111	97.9		5.19	25	70 - 160
Isopropylbenzene (Cumene)	0.0113	0.0117	104		7.08	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0113	0.0118	104		7.06	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0113	0.0122	107		13.2	25	70 - 130
Methylene Chloride	0.0113	0.0137	121		0.00	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.113	0.116	102		1.96	25	70 - 160
Naphthalene	0.0113	0.0104	91.9		5.91	25	40 - 130
n-Propylbenzene	0.0113	0.0117	103		7.38	25	70 - 130
Styrene	0.0113	0.0113	99.8		9.00	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0113	0.0117	103		7.38	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0113	0.0112	99.0		4.35	25	70 - 130
Tetrachloroethylene	0.0113	0.0130	115		8.59	25	70 - 130
Tetrahydrofuran	0.0113	0.0106	93.3		3.68	25	70 - 130
Toluene	0.0113	0.0113	99.7		7.90	25	70 - 130
1,2,3-Trichlorobenzene	0.0113	0.00906	79.9		8.51	25	70 - 130
1,2,4-Trichlorobenzene	0.0113	0.00907	80.0		8.84	25	70 - 130
1,3,5-Trichlorobenzene	0.0113	0.00887	78.3		15.8	25	70 - 130
1,1,1-Trichloroethane	0.0113	0.0130	115		4.19	25	70 - 130
1,1,2-Trichloroethane	0.0113	0.0118	104		6.16	25	70 - 130
Trichloroethylene	0.0113	0.0116	103		5.12	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0113	0.0159	141	*	4.29	25	70 - 130
1,2,3-Trichloropropane	0.0113	0.0119	105		6.21	25	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B077701	Laboratory ID:	B077701-BSD1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0113	0.0154	136	*	5.35	25	70 - 130
1,2,4-Trimethylbenzene	0.0113	0.0117	103		8.19	25	70 - 130
1,3,5-Trimethylbenzene	0.0113	0.0116	102		9.49	25	70 - 130
Vinyl Chloride	0.0113	0.0101	88.7		0.226	25	40 - 130
m+p Xylene	0.0227	0.0235	104		7.82	25	70 - 130
o-Xylene	0.0113	0.0118	104		6.96	25	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B077786	Laboratory ID:	B077786-BS1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Tetrachloroethylene	0.0113	0.0134	118	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Tetrachloroethylene	0.0113	0.0132	116	1.28	25	70 - 130

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B077818	Laboratory ID:	B077818-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	114	114	70 - 160
Acrylonitrile	10.0	7.93	79.3	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.5	115	70 - 130
Benzene	10.0	9.68	96.8	70 - 130
Bromobenzene	10.0	10.1	101	70 - 130
Bromochloromethane	10.0	11.1	111	70 - 130
Bromodichloromethane	10.0	10.7	107	70 - 130
Bromoform	10.0	10.6	106	70 - 130
Bromomethane	10.0	11.8	118	40 - 160
2-Butanone (MEK)	100	96.0	96.0	40 - 160
tert-Butyl Alcohol (TBA)	100	102	102	40 - 160
n-Butylbenzene	10.0	9.69	96.9	70 - 130
sec-Butylbenzene	10.0	10.3	103	70 - 130
tert-Butylbenzene	10.0	10.2	102	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.5	115	70 - 130
Carbon Disulfide	10.0	10.9	109	70 - 130
Carbon Tetrachloride	10.0	10.6	106	70 - 130
Chlorobenzene	10.0	10.4	104	70 - 130
Chlorodibromomethane	10.0	10.1	101	70 - 130
Chloroethane	10.0	11.9	119	70 - 130
Chloroform	10.0	10.7	107	70 - 130
Chloromethane	10.0	7.99	79.9	40 - 160
2-Chlorotoluene	10.0	10.3	103	70 - 130
4-Chlorotoluene	10.0	10.5	105	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.3	103	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.9	109	70 - 130
Dibromomethane	10.0	10.8	108	70 - 130
1,2-Dichlorobenzene	10.0	10.4	104	70 - 130
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130
1,4-Dichlorobenzene	10.0	10.5	105	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.95	79.5	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B077818	Laboratory ID:	B077818-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	7.03	70.3		40 - 160
1,1-Dichloroethane	10.0	10.6	106		70 - 130
1,2-Dichloroethane	10.0	11.6	116		70 - 130
1,1-Dichloroethylene	10.0	11.6	116		70 - 130
cis-1,2-Dichloroethylene	10.0	10.5	105		70 - 130
trans-1,2-Dichloroethylene	10.0	9.41	94.1		70 - 130
1,2-Dichloropropane	10.0	10.3	103		70 - 130
1,3-Dichloropropane	10.0	11.0	110		70 - 130
2,2-Dichloropropane	10.0	12.5	125		40 - 130
1,1-Dichloropropene	10.0	11.0	110		70 - 130
cis-1,3-Dichloropropene	10.0	10.2	102		70 - 130
trans-1,3-Dichloropropene	10.0	10.4	104		70 - 130
Diethyl Ether	10.0	10.8	108		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.4	114		70 - 130
1,4-Dioxane	100	108	108		40 - 130
Ethylbenzene	10.0	10.2	102		70 - 130
Hexachlorobutadiene	10.0	11.3	113		70 - 130
2-Hexanone (MBK)	100	104	104		70 - 160
Isopropylbenzene (Cumene)	10.0	10.4	104		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.4	104		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.0	110		70 - 130
Methylene Chloride	10.0	14.3	143	*	70 - 130
4-Methyl-2-pentanone (MIBK)	100	103	103		70 - 160
Naphthalene	10.0	9.66	96.6		40 - 130
n-Propylbenzene	10.0	10.4	104		70 - 130
Styrene	10.0	10.4	104		70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6	106		70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.0	100		70 - 130
Tetrachloroethylene	10.0	11.1	111		70 - 130
Tetrahydrofuran	10.0	10.2	102		70 - 130
Toluene	10.0	10.3	103		70 - 130

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B077818	Laboratory ID:	B077818-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.58	85.8	70 - 130
1,2,4-Trichlorobenzene	10.0	8.56	85.6	70 - 130
1,3,5-Trichlorobenzene	10.0	8.86	88.6	70 - 130
1,1,1-Trichloroethane	10.0	10.9	109	70 - 130
1,1,2-Trichloroethane	10.0	10.8	108	70 - 130
Trichloroethylene	10.0	10.2	102	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	12.2	122	70 - 130
1,2,3-Trichloropropane	10.0	10.3	103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.9	119	70 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	70 - 130
1,3,5-Trimethylbenzene	10.0	10.5	105	70 - 130
Vinyl Chloride	10.0	8.76	87.6	40 - 160
m+p Xylene	20.0	20.9	105	70 - 130
o-Xylene	10.0	10.6	106	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	110	110	3.17	25	70 - 160
Acrylonitrile	10.0	8.06	80.6	1.63	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.1	111	3.09	25	70 - 130
Benzene	10.0	9.54	95.4	1.46	25	70 - 130
Bromobenzene	10.0	9.94	99.4	1.99	25	70 - 130
Bromochloromethane	10.0	11.1	111	0.541	25	70 - 130
Bromodichloromethane	10.0	10.4	104	2.46	25	70 - 130
Bromoform	10.0	10.4	104	1.72	25	70 - 130
Bromomethane	10.0	12.4	124	4.80	25	40 - 160
2-Butanone (MEK)	100	95.1	95.1	0.952	25	40 - 160
tert-Butyl Alcohol (TBA)	100	95.8	95.8	6.24	25	40 - 160
n-Butylbenzene	10.0	9.80	98.0	1.13	25	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B077818	Laboratory ID:	B077818-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.3	103	0.0968	25	70 - 130
tert-Butylbenzene	10.0	10.2	102	0.195	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.3	113	1.49	25	70 - 130
Carbon Disulfide	10.0	10.2	102	6.45	25	70 - 130
Carbon Tetrachloride	10.0	10.7	107	0.563	25	70 - 130
Chlorobenzene	10.0	10.2	102	1.26	25	70 - 130
Chlorodibromomethane	10.0	9.75	97.5	3.43	25	70 - 130
Chloroethane	10.0	11.6	116	1.87	25	70 - 130
Chloroform	10.0	10.8	108	0.465	25	70 - 130
Chloromethane	10.0	7.72	77.2	3.44	25	40 - 160
2-Chlorotoluene	10.0	9.97	99.7	3.26	25	70 - 130
4-Chlorotoluene	10.0	10.5	105	0.0956	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.88	98.8	4.26	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.7	107	2.41	25	70 - 130
Dibromomethane	10.0	10.6	106	1.96	25	70 - 130
1,2-Dichlorobenzene	10.0	10.1	101	3.51	25	70 - 130
1,3-Dichlorobenzene	10.0	10.4	104	0.289	25	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106	0.851	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.76	77.6	2.42	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	6.91	69.1	1.72	25	40 - 160
1,1-Dichloroethane	10.0	10.4	104	1.24	25	70 - 130
1,2-Dichloroethane	10.0	11.3	113	2.89	25	70 - 130
1,1-Dichloroethylene	10.0	11.6	116	0.172	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.4	104	0.862	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.15	91.5	2.80	25	70 - 130
1,2-Dichloropropane	10.0	10.3	103	0.486	25	70 - 130
1,3-Dichloropropane	10.0	10.6	106	3.15	25	70 - 130
2,2-Dichloropropane	10.0	12.1	121	3.57	25	40 - 130
1,1-Dichloropropene	10.0	11.0	110	0.182	25	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B077818	Laboratory ID:	B077818-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.80	98.0		3.90	25	70 - 130
trans-1,3-Dichloropropene	10.0	9.97	99.7		3.74	25	70 - 130
Diethyl Ether	10.0	10.5	105		2.44	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.2	112		2.39	25	70 - 130
1,4-Dioxane	100	95.2	95.2		12.5	50	40 - 130
Ethylbenzene	10.0	10.0	100		1.78	25	70 - 130
Hexachlorobutadiene	10.0	10.9	109		4.06	25	70 - 130
2-Hexanone (MBK)	100	102	102		1.52	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.4	104		0.0961	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.5	105		1.05	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.7	107		2.87	25	70 - 130
Methylene Chloride	10.0	13.9	139	*	2.48	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	100	100		2.57	25	70 - 160
Naphthalene	10.0	9.54	95.4		1.25	25	40 - 130
n-Propylbenzene	10.0	10.3	103		1.06	25	70 - 130
Styrene	10.0	10.2	102		2.04	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.4	104		2.00	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.88	98.8		1.41	25	70 - 130
Tetrachloroethylene	10.0	11.0	110		1.09	25	70 - 130
Tetrahydrofuran	10.0	10.0	100		1.68	25	70 - 130
Toluene	10.0	9.94	99.4		3.17	25	70 - 130
1,2,3-Trichlorobenzene	10.0	8.39	83.9		2.24	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.44	84.4		1.41	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.37	83.7		5.69	25	70 - 130
1,1,1-Trichloroethane	10.0	10.9	109		0.183	25	70 - 130
1,1,2-Trichloroethane	10.0	10.5	105		3.20	25	70 - 130
Trichloroethylene	10.0	10.0	100		2.17	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	12.0	120		1.74	25	70 - 130
1,2,3-Trichloropropane	10.0	10.2	102		0.390	25	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B077818	Laboratory ID:	B077818-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.0	120	1.09	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	0.388	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.5	105	0.381	25	70 - 130
Vinyl Chloride	10.0	8.38	83.8	4.43	25	40 - 160
m+p Xylene	20.0	20.6	103	1.54	25	70 - 130
o-Xylene	10.0	10.3	103	2.11	25	70 - 130

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Blank ID:	B077701-BLK1	Batch:	B077701	Prepared:	07/30/2013 06:10

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B077701-BSD1	VB211008.D	18:04
LCS	B077701-BS1	VB211005.D	16:26
FD-01-7-23-13	13G0937-04	VB211022.D	01:16
B-55-07-23-13	13G0937-03	VB211021.D	00:46
MW-06-7-23-13	13G0937-01	VB211020.D	00:15

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY

Blank ID: B077786-BLK1 Batch: B077786 Prepared: 07/31/2013 06:36

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B077786-BSD1	VB212008.D	14:35
LCS	B077786-BS1	VB212007.D	13:54
B-55-07-23-13	13G0937-03RE1	VB212020.D	20:44

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Blank ID:	B077818-BLK1	Batch:	B077818	Prepared:	07/29/2013 05:48

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
FB-02-7-23-13	13G0937-06	VB210013.D	15:59
FB-01-7-23-13	13G0937-05	VB210012.D	15:28
TB-01-07-23-13	13G0937-02	VB210011.D	14:57
LCS Dup	B077818-BSD1	VB210006.D	12:21
LCS	B077818-BS1	VB210005.D	11:50

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Lab File ID:	VB210003.D	Injection Date:	07/29/13
Instrument ID:	GCMSVOA2	Injection Time:	10:47
Sequence:	S004469	Lab Sample ID:	S004469-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	21.1	PASS
75	30 - 60% of 95	53.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.86	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	83.9	PASS
175	5 - 9% of 174	7.8	PASS
176	95 - 101% of 174	97.5	PASS
177	5 - 9% of 176	7.04	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S004469-CCV1	VB210003.D	07/29/2013	10:47:00
LCS	B077818-BS1	VB210005.D	07/29/2013	11:50:00
LCS Dup	B077818-BSD1	VB210006.D	07/29/2013	12:21:00
Blank	B077818-BLK1	VB210008.D	07/29/2013	13:24:00
TB-01-07-23-13	13G0937-02	VB210011.D	07/29/2013	14:57:00
FB-01-7-23-13	13G0937-05	VB210012.D	07/29/2013	15:28:00
FB-02-7-23-13	13G0937-06	VB210013.D	07/29/2013	15:59:00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Lab File ID:	VB211003.D	Injection Date:	07/30/13
Instrument ID:	GCMSVOA2	Injection Time:	15:16
Sequence:	S004488	Lab Sample ID:	S004488-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	21.9	PASS
75	30 - 60% of 95	54.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.75	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	84.4	PASS
175	5 - 9% of 174	7.7	PASS
176	95 - 101% of 174	96.1	PASS
177	5 - 9% of 176	6.56	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S004488-CCV1	VB211004.D	07/30/2013	15:47:00
LCS	B077701-BS1	VB211005.D	07/30/2013	16:26:00
LCS Dup	B077701-BSD1	VB211008.D	07/30/2013	18:04:00
Blank	B077701-BLK1	VB211011.D	07/30/2013	19:37:00
MW-06-7-23-13	13G0937-01	VB211020.D	07/31/2013	0:15:00
B-55-07-23-13	13G0937-03	VB211021.D	07/31/2013	0:46:00
FD-01-7-23-13	13G0937-04	VB211022.D	07/31/2013	1:16:00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Lab File ID:	VB212005.D	Injection Date:	07/31/13
Instrument ID:	GCMSVOA2	Injection Time:	12:44
Sequence:	S004489	Lab Sample ID:	S004489-TUN1

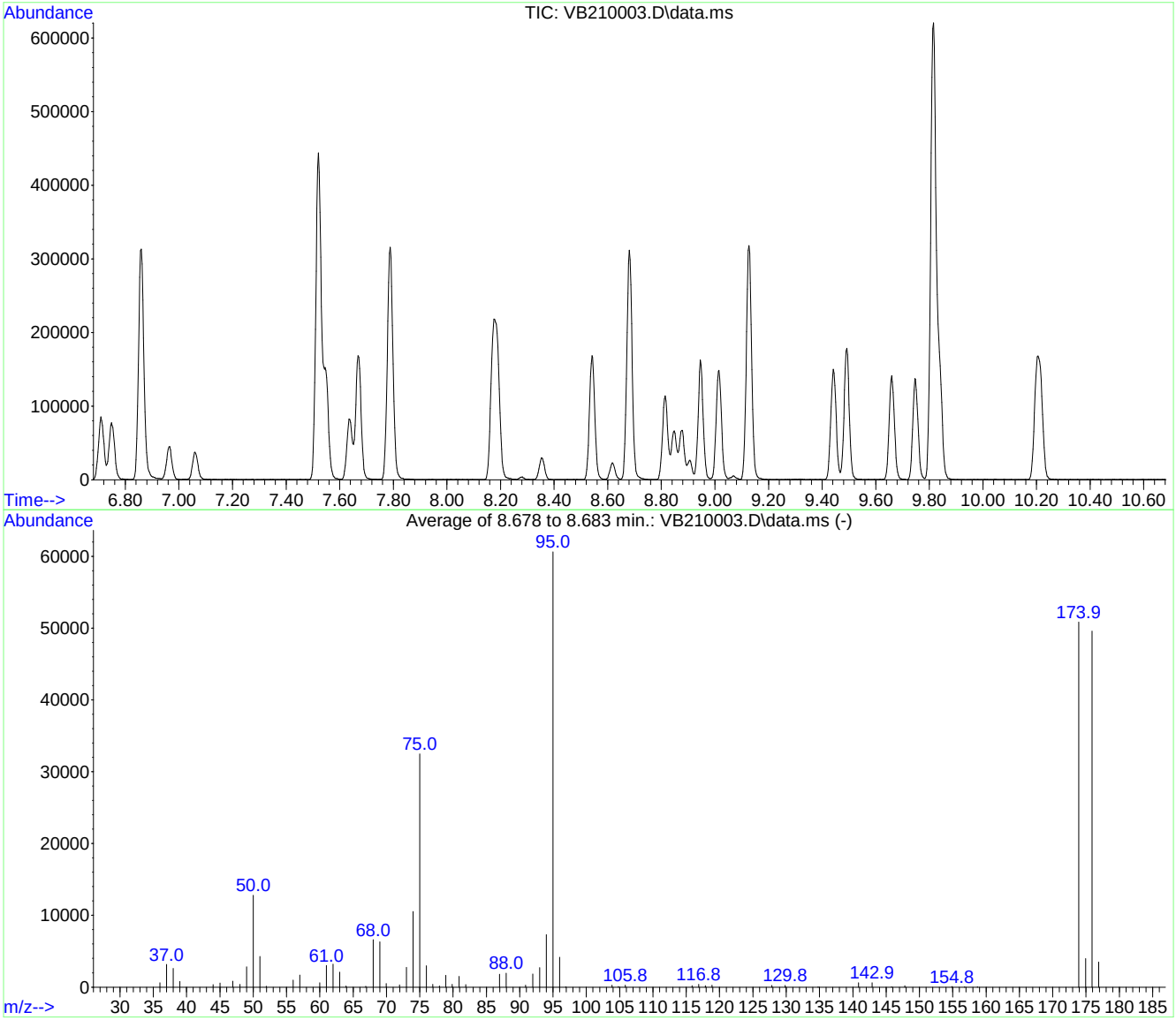
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	21.4	PASS
75	30 - 60% of 95	54.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.61	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	81.9	PASS
175	5 - 9% of 174	7.59	PASS
176	95 - 101% of 174	97	PASS
177	5 - 9% of 176	6.92	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S004489-CCV1	VB212005.D	07/31/2013	12:44:00
LCS	B077786-BS1	VB212007.D	07/31/2013	13:54:00
LCS Dup	B077786-BSD1	VB212008.D	07/31/2013	14:35:00
Blank	B077786-BLK1	VB212010.D	07/31/2013	15:36:00
B-55-07-23-13	13G0937-03RE1	VB212020.D	07/31/2013	20:44:00

Data Path : W:\DATA\072913\
Data File : VB210003.D
Acq On : 29 Jul 2013 10:47 am
Operator :
Sample : BFB / 8260 STD 10 PPB 1307209
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



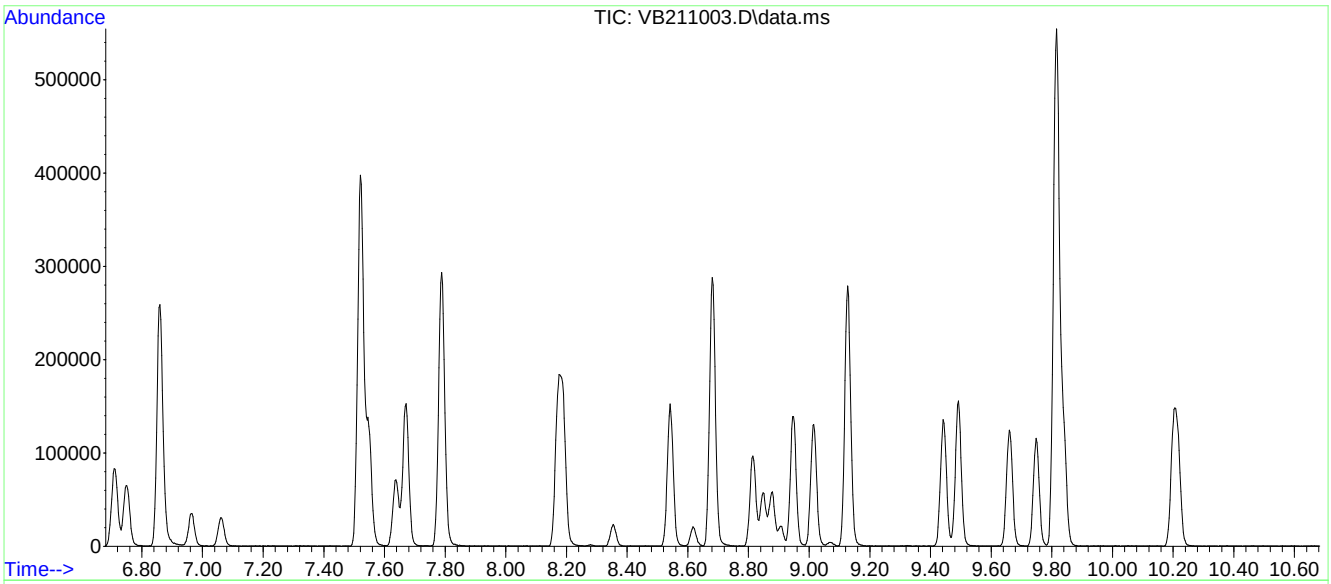
AutoFind: Scans 2765, 2766, 2767; Background Corrected with Scan 2752

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.1	12807	PASS
75	95	30	60	53.6	32499	PASS
95	95	100	100	100.0	60605	PASS
96	95	5	9	6.9	4156	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.9	50859	PASS
175	174	5	9	7.8	3965	PASS
176	174	95	101	97.5	49605	PASS
177	176	5	9	7.0	3493	PASS

Data Path : W:\DATA\073013\
Data File : VB211003.D
Acq On : 30 Jul 2013 3:16 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



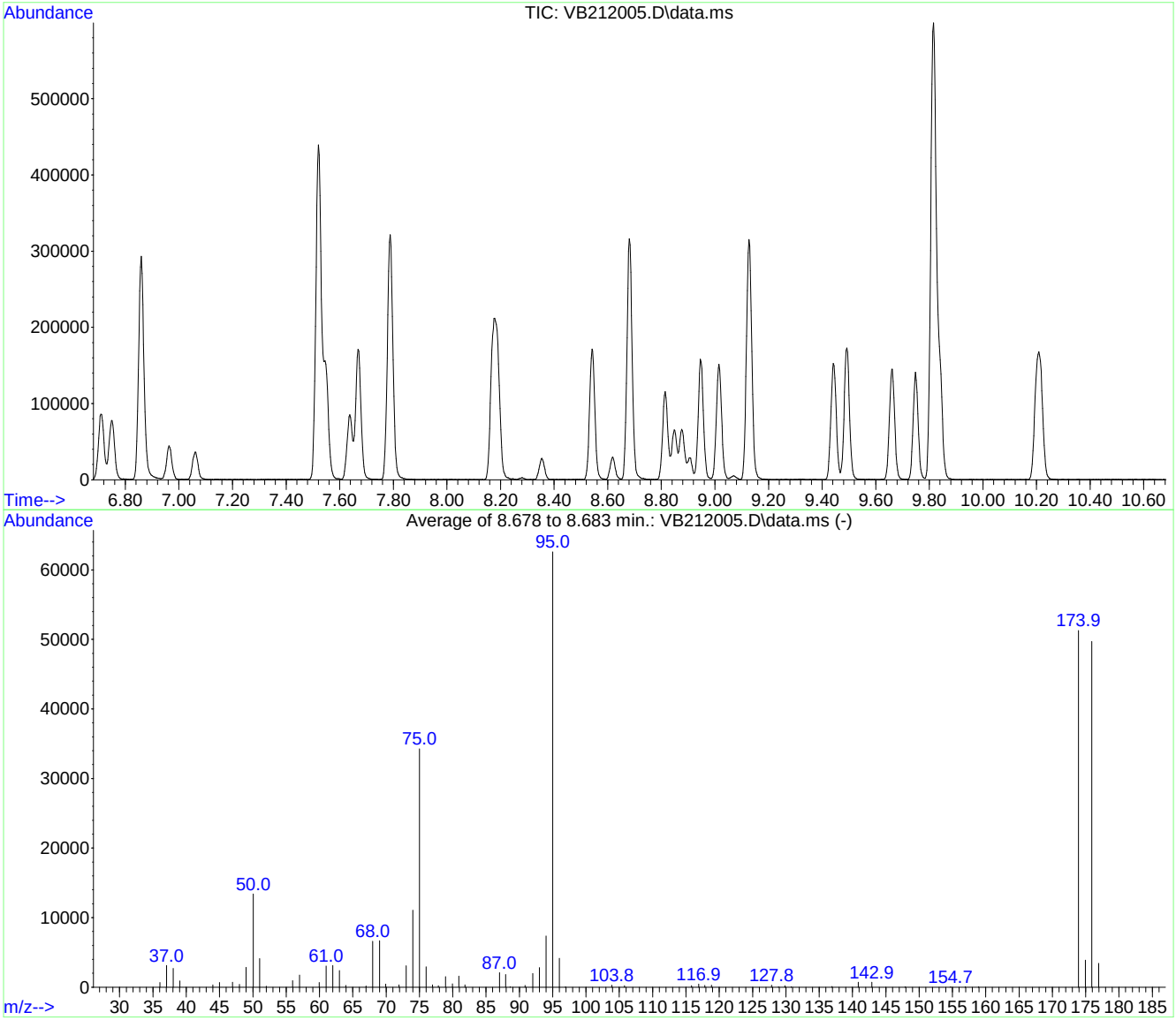
AutoFind: Scans 2765, 2766, 2767; Background Corrected with Scan 2753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.9	12268	PASS
75	95	30	60	54.9	30768	PASS
95	95	100	100	100.0	56067	PASS
96	95	5	9	6.8	3786	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	84.4	47331	PASS
175	174	5	9	7.7	3644	PASS
176	174	95	101	96.1	45472	PASS
177	176	5	9	6.6	2984	PASS

Data Path : W:\DATA\073113\
Data File : VB212005.D
Acq On : 31 Jul 2013 12:44 pm
Operator :
Sample : BFB / 8260 STD 10 PPB 1307209
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



AutoFind: Scans 2765, 2766, 2767; Background Corrected with Scan 2753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	13395	PASS
75	95	30	60	54.8	34264	PASS
95	95	100	100	100.0	62573	PASS
96	95	5	9	6.6	4138	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.9	51272	PASS
175	174	5	9	7.6	3890	PASS
176	174	95	101	97.0	49720	PASS
177	176	5	9	6.9	3439	PASS

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOLATILES CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene									5	0.2135483	10	0.2218489
Ethyl Methacrylate			0.5	0.4165134	1	0.6699613	2	0.645551	5	0.7005068	10	0.7143025
Acetone					10	0.1905747	20	0.169013	50	0.1586623	100	0.1479433
Acrolein	4	5.606249E-02	5	6.671394E-02	10	0.0705323	20	6.681245E-02	50	6.806291E-02	100	6.901936E-02
Acrylonitrile					1	0.1669985	2	0.2490345	5	0.2458273	10	0.2407985
tert-Amyl Methyl Ether (TAME)	0.4	0.8550848	0.5	1.016372	1	1.176455	2	1.188717	5	1.199366	10	1.189616
Benzene			0.5	1.620472	1	1.941308	2	1.983916	5	1.987362	10	1.882612
Bromobenzene	0.4	0.7898783	0.5	0.956541	1	1.177156	2	1.188689	5	1.1777	10	1.133091
Bromochloromethane			0.5	0.1597267	1	0.1992194	2	0.2263145	5	0.2264484	10	0.2241834
Bromodichloromethane					1	0.3051763	2	0.3171995	5	0.3463019	10	0.3581584
Bromoform					1	0.2284363	2	0.2317846	5	0.2715626	10	0.3021544
Bromomethane			0.5	0.5190151	1	0.365039	2	0.2947695	5	0.2635211	10	0.2109356
2-Butanone (MEK)	4	0.260458	5	0.2867732	10	0.3165702	20	0.3122865	50	0.2967902	100	0.2924325
tert-Butyl Alcohol (TBA)	4	3.966097E-02	5	4.087921E-02	10	4.628805E-02	20	4.520389E-02	50	4.850345E-02	100	0.0469801
n-Butylbenzene					1	1.098731	2	1.389226	5	1.548996	10	1.652227
sec-Butylbenzene			0.5	1.847657	1	2.304882	2	2.605541	5	2.525284	10	2.477479
tert-Butylbenzene			0.5	1.394613	1	1.718438	2	1.933452	5	1.873022	10	1.829514
tert-Butyl Ethyl Ether (TBEE)	0.4	1.065619	0.5	1.242233	1	1.470176	2	1.471585	5	1.497793	10	1.442129
Carbon Disulfide			5	0.5780714	10	0.6992521	20	0.818155	50	0.8744824	100	0.8856634
Carbon Tetrachloride					1	0.4004034	2	0.4787914	5	0.5273231	10	0.5380764
Chlorobenzene	0.4	0.9941054	0.5	1.374641	1	1.710827	2	1.690198	5	1.72391	10	1.643822
Chlorodibromomethane	0.4	0.1178169	0.5	0.1373503	1	0.1871052	2	0.209671	5	0.236938	10	0.2571055
Chloroethane			0.5	0.1926002	1	0.2086499	2	0.2175609	5	0.2124458	10	0.211843
2-Chloroethyl Vinyl Ether	4	0.1388204	5	0.1567876	10	0.1895761	20	0.1855104	50	0.1876399	100	0.1836819
Chloroform	0.4	0.5611044	0.5	0.7653732	1	0.8581757	2	0.8677849	5	0.8679987	10	0.8408993
Chloromethane			0.5	0.4845946	1	0.5465762	2	0.574589	5	0.6156716	10	0.5828808

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene			0.5	1.595821	1	1.951492	2	2.055441	5	2.039903	10	1.891721
4-Chlorotoluene			0.5	1.666217	1	2.179195	2	2.266487	5	2.275841	10	2.195683
Cyclohexane									5	0.8162815	10	0.7345947
1,2-Dibromo-3-chloropropane ([							2	7.377735E-02	5	8.440347E-02	10	9.652342E-02
1,2-Dibromoethane (EDB)	0.4	0.1970811	0.5	0.2511477	1	0.2951141	2	0.3087087	5	0.3011855	10	0.3072657
Dibromomethane			0.5	0.1361106	1	0.1892704	2	0.1966181	5	0.2003129	10	0.198692
1,2-Dichlorobenzene	0.4	0.8882228	0.5	1.07639	1	1.34874	2	1.393677	5	1.410508	10	1.365761
1,3-Dichlorobenzene	0.4	0.8361357	0.5	1.149532	1	1.320659	2	1.430498	5	1.393616	10	1.376825
1,4-Dichlorobenzene	0.4	0.969095	0.5	1.192107	1	1.360191	2	1.390035	5	1.369425	10	1.353504
trans-1,4-Dichloro-2-butene					1	0.1575086	2	0.1618832	5	0.195935	10	0.2117705
Dichlorodifluoromethane (Freon					1	0.424962	2	0.5483283	5	0.5382362	10	0.5259981
1,1-Dichloroethane			0.5	0.6292381	1	0.7951092	2	0.8882427	5	0.8889825	10	0.8528767
1,2-Dichloroethane	0.4	0.3812085	0.5	0.4445289	1	0.5203026	2	0.5342841	5	0.5176369	10	0.5185926
1,1-Dichloroethylene			0.5	0.4343174	1	0.5055142	2	0.5644585	5	0.5570936	10	0.5595107
cis-1,2-Dichloroethylene			0.5	0.6346526	1	0.7988421	2	0.8301149	5	0.8281977	10	0.7860936
trans-1,2-Dichloroethylene			0.5	0.4261957	1	0.6267355	2	0.6900576	5	0.7339512	10	0.6972913
Dichlorofluoromethane (Freon 2			0.5	0.5333247	1	0.6507047	2	0.6791402	5	0.697681	10	0.6812004
1,2-Dichloropropane			0.5	0.250156	1	0.3003363	2	0.3223953	5	0.3303423	10	0.3184095
1,3-Dichloropropane	0.4	0.3334032	0.5	0.4358516	1	0.5271806	2	0.5230687	5	0.5266398	10	0.5110588
2,2-Dichloropropane			0.5	0.3295088	1	0.4738827	2	0.4976755	5	0.5367517	10	0.5377336
1,1-Dichloropropene			0.5	0.4323837	1	0.563669	2	0.6287826	5	0.6362141	10	0.6288345
cis-1,3-Dichloropropene					1	0.3684787	2	0.3863295	5	0.4273273	10	0.4466287
trans-1,3-Dichloropropene									5	0.3380408	10	0.3701001
Diethyl Ether	0.4	0.3265916	0.5	0.3724378	1	0.39058	2	0.336767	5	0.3313272	10	0.3173209
Difluorochloromethane (Freon 2			0.5	0.5631043	1	0.6664222	2	0.7679547	5	0.7574627	10	0.7384864
Diisopropyl Ether (DIPE)			0.5	1.420523	1	1.664877	2	1.622068	5	1.660688	10	1.538614

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane									50	2.432298E-03	100	2.657773E-03
Ethyl Acetate			0.5	0.646255	1	0.7571908	2	0.748087	5	0.6852833	10	0.6724291
Ethylbenzene			0.5	2.154715	1	2.684249	2	2.812523	5	2.792895	10	2.724218
Hexachlorobutadiene					1	0.1971173	2	0.2516792	5	0.262482	10	0.2712367
2-Hexanone (MBK)	4	0.2021701	5	0.2314129	10	0.2761489	20	0.2767607	50	0.2807398	100	0.279779
Iodomethane							20	0.3514711	50	0.4259068	100	0.4477416
Isopropylbenzene (Cumene)			0.5	1.84649	1	2.439426	2	2.630755	5	2.6599	10	2.629649
p-Isopropyltoluene (p-Cymene)			0.5	1.523976	1	1.833763	2	2.112972	5	2.100016	10	2.120013
Methyl Acetate			0.5	0.3902282	1	0.409048	2	0.4056154	5	0.3945996	10	0.404631
Methyl tert-Butyl Ether (MTBE)	0.4	0.8632376	0.5	0.9850458	1	1.356617	2	1.391328	5	1.362462	10	1.341289
Methyl Cyclohexane			0.5	0.2070171	1	0.220858	2	0.2973666	5	0.2989603	10	0.298934
Methylene Chloride											10	0.5622732
4-Methyl-2-pentanone (MIBK)	4	0.3192159	5	0.3537141	10	0.4167006	20	0.411599	50	0.396421	100	0.3921039
Naphthalene									5	0.3443811	10	0.6215652
n-Propylbenzene			0.5	2.105246	1	2.58495	2	2.823136	5	2.835187	10	2.804201
Styrene			0.5	1.261911	1	1.647236	2	1.770468	5	1.842824	10	1.795171
1,1,1,2-Tetrachloroethane					1	0.3915702	2	0.4533218	5	0.4983456	10	0.5074866
1,1,2,2-Tetrachloroethane	0.4	0.5279871	0.5	0.620729	1	0.7117235	2	0.7387828	5	0.7536881	10	0.7368386
Tetrachloroethylene			0.5	0.161399	1	0.2155085	2	0.2464221	5	0.2364776	10	0.2341246
Tetrahydrofuran					1	0.147941	2	0.1776289	5	0.1726448	10	0.1665546
Toluene			0.5	1.127809	1	1.305278	2	1.328043	5	1.304387	10	1.269479
1,2,3-Trichlorobenzene							2	6.878692E-02	5	0.1688602	10	0.261128
1,2,4-Trichlorobenzene							2	0.1000782	5	0.2576331	10	0.3895694
1,3,5-Trichlorobenzene									5	0.6174135	10	0.6655553
1,1,1-Trichloroethane			0.5	0.4428258	1	0.5505056	2	0.6330118	5	0.6685524	10	0.6760989
1,1,2-Trichloroethane	0.4	0.1881369	0.5	0.2273469	1	0.2706593	2	0.2859611	5	0.2882183	10	0.2788568

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene			0.5	0.2454454	1	0.2707866	2	0.3115601	5	0.3126948	10	0.3065463
Trichlorofluoromethane (Freon 1			0.5	0.4215547	1	0.5045319	2	0.5817689	5	0.5834537	10	0.5804812
1,2,3-Trichloropropane			0.5	0.1517338	1	0.2592532	2	0.2414219	5	0.2452422	10	0.2453487
1,1,2-Trichloro-1,2,2-trifluoroeth					1	0.2306544	2	0.2935892	5	0.284866	10	0.2729802
1,2,4-Trimethylbenzene			0.5	1.804536	1	2.298884	2	2.505193	5	2.49976	10	2.431817
1,3,5-Trimethylbenzene			0.5	1.59915	1	2.03685	2	2.208175	5	2.323955	10	2.229979
Vinyl Acetate	4	1.009556	5	1.117545	10	1.297519	20	1.236084	50	1.227347	100	1.147939
Vinyl Chloride			0.5	0.3650896	1	0.3952952	2	0.4477113	5	0.4639303	10	0.4540731
m+p Xylene			1	1.778948	2	2.122208	4	2.241113	10	2.231485	20	2.155827
o-Xylene			0.5	1.685244	1	2.178705	2	2.263315	5	2.337189	10	2.276905
1,2-Dichloroethane-d4	25	0.6630048	25	0.6617172	25	0.6617855	25	0.6755483	25	0.6672845	25	0.663815
Toluene-d8	25	1.164825	25	1.166024	25	1.18734	25	1.1747	25	1.166843	25	1.189536
4-Bromofluorobenzene	25	0.9187144	25	0.9096035	25	0.9339866	25	0.9263185	25	0.9321293	25	0.9353165

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2529096	50	0.2613945	100	0.2760957	200	0.3165364				
Ethyl Methacrylate	20	0.728064	50	0.7248244	100	0.6758358	200	0.6617405				
Acetone	200	0.1593915	500	0.1435945	1000	0.1311862	2000	0.1323051				
Acrolein	200	7.512982E-02	500	6.677119E-02	1000	6.548662E-02	2000	6.844853E-02				
Acrylonitrile	20	0.1817546	50	0.2144311	100	0.209705	200	0.2022139				
tert-Amyl Methyl Ether (TAME)	20	1.241521	50	1.184637	100	1.202233	200	1.253648				
Benzene	20	1.861268	50	1.720128	100	1.663992	200	1.649044				
Bromobenzene	20	1.160849	50	1.09966	100	1.077596	200	1.130183				
Bromochloromethane	20	0.2318966	50	0.2132481	100	0.2034094	200	0.1996041				
Bromodichloromethane	20	0.39778	50	0.3967079	100	0.3993281	200	0.4175933				
Bromoform	20	0.361303	50	0.4033834	100	0.4408322	200	0.5118713				
Bromomethane	20	0.1016633	50	0.1137873	100	0.0919327	200	9.236314E-02				
2-Butanone (MEK)	200	0.2981765	500	0.2694968	1000	0.2551686	2000	0.2511277				
tert-Butyl Alcohol (TBA)	200	4.965314E-02	500	4.511391E-02	1000	4.861702E-02	2000	5.382549E-02				
n-Butylbenzene	20	1.744164	50	1.619293	100	1.612726	200	1.641013				
sec-Butylbenzene	20	2.5311	50	2.322557	100	2.285982	200	2.287253				
tert-Butylbenzene	20	1.872154	50	1.736595	100	1.707284	200	1.739179				
tert-Butyl Ethyl Ether (TBEE)	20	1.52859	50	1.422932	100	1.410133	200	1.456733				
Carbon Disulfide	200	0.9298519	500	0.7912074	1000	0.7119579						
Carbon Tetrachloride	20	0.5922312	50	0.57499	100	0.5897598	200	0.6158011				
Chlorobenzene	20	1.688795	50	1.571349	100	1.524661	200	1.520591				
Chlorodibromomethane	20	0.2904407	50	0.3020276	100	0.3149241	200	0.3435579				
Chloroethane	20	0.2057809	50	0.1918686	100	0.1843296						
2-Chloroethyl Vinyl Ether	200	0.184239	500	0.166941	1000	0.1494428	2000	0.1389377				
Chloroform	20	0.8727282	50	0.8054567	100	0.7907438	200	0.8133139				
Chloromethane	20	0.6542394	50	0.5378074	100	0.563251	200	0.6343029				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.945758	50	1.83014	100	1.790564	200	1.850749				
4-Chlorotoluene	20	2.262634	50	2.094817	100	2.039723	200	2.06029				
Cyclohexane	20	0.7117241	50	0.6348574	100	0.6239085	200	0.6319874				
1,2-Dibromo-3-chloropropane (D	20	0.1208198	50	0.1322344	100	0.1468911	200	0.1646487				
1,2-Dibromoethane (EDB)	20	0.3235194	50	0.3078251	100	0.3059049	200	0.3226281				
Dibromomethane	20	0.2037349	50	0.1970379	100	0.1915718	200	0.1968722				
1,2-Dichlorobenzene	20	1.41391	50	1.334951	100	1.316506	200	1.353055				
1,3-Dichlorobenzene	20	1.417567	50	1.330166	100	1.322082	200	1.364772				
1,4-Dichlorobenzene	20	1.391386	50	1.304839	100	1.308147	200	1.345314				
trans-1,4-Dichloro-2-butene	20	0.2391233	50	0.258039	100	0.2718321	200	0.3087105				
Dichlorodifluoromethane (Freon	20	0.5354057	50	0.4495972	100	0.4591832	200	0.4498688				
1,1-Dichloroethane	20	0.8863083	50	0.8123956	100	0.7929502	200	0.817448				
1,2-Dichloroethane	20	0.5299837	50	0.500396	100	0.4856991	200	0.4873304				
1,1-Dichloroethylene	20	0.591643	50	0.5258062	100	0.5189626	200	0.5312972				
cis-1,2-Dichloroethylene	20	0.8123428	50	0.7488894	100	0.7324333	200	0.7389403				
trans-1,2-Dichloroethylene	20	0.6359331	50	0.6551763	100	0.6167468	200	0.6168938				
Dichlorofluoromethane (Freon 2	20	0.7059635	50	0.6397607	100	0.6461753	200	0.6273473				
1,2-Dichloropropane	20	0.3190075	50	0.3023259	100	0.2932459	200	0.2992183				
1,3-Dichloropropane	20	0.52619	50	0.4971883	100	0.4876943	200	0.4988319				
2,2-Dichloropropane	20	0.5763895	50	0.5434857	100	0.5498037	200	0.5695287				
1,1-Dichloropropene	20	0.6511968	50	0.5844947	100	0.5808036	200	0.5871959				
cis-1,3-Dichloropropene	20	0.4855175	50	0.4882042	100	0.4869903	200	0.5091502				
trans-1,3-Dichloropropene	20	0.4160366	50	0.4329188	100	0.4464103	200	0.4775933				
Diethyl Ether	20	0.3454158	50	0.3125948	100	0.3049674	200	0.3202337				
Difluorochloromethane (Freon 2	20	0.7573732	50	0.6646524	100	0.6547035	200	0.6451715				
Diisopropyl Ether (DIPE)	20	1.565791	50	1.377518	100	1.258242	200	1.137932				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.066928E-03	500	2.772322E-03	1000	2.823959E-03	2000	3.036976E-03				
Ethyl Acetate	20	0.6763185	50	0.6158276	100	0.5964232	200	0.615263				
Ethylbenzene	20	2.779012	50	2.598043	100	2.502064	200	2.452121				
Hexachlorobutadiene	20	0.2932336	50	0.2775441	100	0.2863426	200	0.3090245				
2-Hexanone (MBK)	200	0.2836441	500	0.2553994	1000	0.2314386	2000	0.2147375				
Iodomethane	200	0.48843	500	0.4508214	1000	0.4234121	2000	0.3994415				
Isopropylbenzene (Cumene)	20	2.690393	50	2.486151	100	2.395965	200	2.411813				
p-Isopropyltoluene (p-Cymene)	20	2.192492	50	2.038679	100	2.017002	200	2.023067				
Methyl Acetate	20	0.4540568	50	0.3748037	100	0.3576192	200	0.3879554				
Methyl tert-Butyl Ether (MTBE)	20	1.321866	50	1.302174	100	1.251844	200	1.283518				
Methyl Cyclohexane	20	0.3004767	50	0.2816859	100	0.2765167	200	0.2861015				
Methylene Chloride	20	0.5487018	50	0.4717762	100	0.4479282	200	0.4706881				
4-Methyl-2-pentanone (MIBK)	200	0.3868077	500	0.3431451	1000	0.2986027	2000	0.2654153				
Naphthalene	20	0.9521926	50	1.227144	100	1.406347	200	1.575416				
n-Propylbenzene	20	2.8792	50	2.687909	100	2.626414	200	2.619019				
Styrene	20	1.878022	50	1.743547	100	1.678505	200	1.679008				
1,1,1,2-Tetrachloroethane	20	0.5368909	50	0.532393	100	0.5420156	200	0.5736205				
1,1,2,2-Tetrachloroethane	20	0.7631026	50	0.7229186	100	0.7313125	200	0.7855894				
Tetrachloroethylene	20	0.2412667	50	0.22705	100	0.2220778	200	0.2267567				
Tetrahydrofuran	20	0.1825963	50	0.1624326	100	0.1584216	200	0.167657				
Toluene	20	1.283239	50	1.198936	100	1.155016	200	1.136537				
1,2,3-Trichlorobenzene	20	0.3490306	50	0.4180271	100	0.4740984	200	0.5389179				
1,2,4-Trichlorobenzene	20	0.5224723	50	0.6115418	100	0.678237	200	0.7522347				
1,3,5-Trichlorobenzene	20	0.7574105	50	0.7414967	100	0.761133	200	0.8106158				
1,1,1-Trichloroethane	20	0.7177181	50	0.6833192	100	0.6952704	200	0.7231815				
1,1,2-Trichloroethane	20	0.2835194	50	0.2703469	100	0.2608873	200	0.2708673				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300078 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:29AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.3088279	50	0.2922752	100	0.2826181	200	0.2848703				
Trichlorofluoromethane (Freon 1	20	0.6114604	50	0.5407445	100	0.5540537	200	0.5504888				
1,2,3-Trichloropropane	20	0.2557802	50	0.2420635	100	0.2438241	200	0.264957				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2848174	50	0.2582017	100	0.257709	200	0.2660576				
1,2,4-Trimethylbenzene	20	2.489109	50	2.317427	100	2.291513	200	2.284391				
1,3,5-Trimethylbenzene	20	2.304474	50	2.136888	100	2.072922	200	2.075701				
Vinyl Acetate	200	1.206405	500	1.042943	1000	0.914753	2000	0.7729152				
Vinyl Chloride	20	0.4999087	50	0.4281932	100	0.4413412	200	0.5231581				
m+p Xylene	40	2.166155	100	1.996951	200	1.878828	400	1.786388				
o-Xylene	20	2.317706	50	2.159024	100	2.060187	200	2.032533				
1,2-Dichloroethane-d4	25	0.6604706	25	0.6706897	25	0.6552842	25	0.6624898				
Toluene-d8	25	1.179873	25	1.20217	25	1.177881	25	1.192579				
4-Bromofluorobenzene	25	0.9319907	25	0.9490558	25	0.9378665	25	1.000224				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300078	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2570556	14.6			15	
Ethyl Methacrylate	0.6597	14.5			15	
Acetone	0.1540838	12.9			15	
Acrolein	6.730396E-02	7.1			15	
Acrylonitrile	0.2138454	14.1			15	
tert-Amyl Methyl Ether (TAME)	1.150765	10.6			15	
Benzene	1.812234	8.2			15	
Bromobenzene	1.089134	11.5			15	
Bromochloromethane	0.209339	10.7			15	
Bromodichloromethane	0.3672807	11.4			15	
Bromoform	0.343916	30.0	0.9947842		0.99	
Bromomethane	0.2281141	64.9	0.9952919		0.99	
2-Butanone (MEK)	0.283928	8.3			15	
tert-Butyl Alcohol (TBA)	4.647252E-02	8.9			15	
n-Butylbenzene	1.538297	13.3			15	
sec-Butylbenzene	2.354193	9.6			15	
tert-Butylbenzene	1.756028	9.0			15	
tert-Butyl Ethyl Ether (TBEE)	1.400792	10.1			15	
Carbon Disulfide	0.7860802	14.9			15	
Carbon Tetrachloride	0.5396721	13.2			15	
Chlorobenzene	1.54429	14.4			15	
Chlorodibromomethane	0.2396937	31.8	0.9981776		0.99	
Chloroethane	0.2031349	5.9			15	
2-Chloroethyl Vinyl Ether	0.1681577	12.3			15	
Chloroform	0.8043579	11.6			15	
Chloromethane	0.5771014	9.1			15	
2-Chlorotoluene	1.88351	7.5			15	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300078	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.115654	9.0			15	
Cyclohexane	0.6922256	11.0			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1170426	28.7	0.9967567		0.99	
1,2-Dibromoethane (EDB)	0.292038	13.3			15	
Dibromomethane	0.1900245	10.9			15	
1,2-Dichlorobenzene	1.290172	13.3			15	
1,3-Dichlorobenzene	1.294185	13.8			15	
1,4-Dichlorobenzene	1.298404	10.0			15	
trans-1,4-Dichloro-2-butene	0.2256003	23.7	0.9963835		0.99	
Dichlorodifluoromethane (Freon 12)	0.4914474	10.2			15	
1,1-Dichloroethane	0.8181724	9.9			15	
1,2-Dichloroethane	0.4919963	9.6			15	
1,1-Dichloroethylene	0.532067	8.5			15	
cis-1,2-Dichloroethylene	0.7678341	8.1			15	
trans-1,2-Dichloroethylene	0.6332201	13.8			15	
Dichlorofluoromethane (Freon 21)	0.6512553	8.0			15	
1,2-Dichloropropane	0.3039374	7.8			15	
1,3-Dichloropropane	0.4867107	12.5			15	
2,2-Dichloropropane	0.5127511	14.8			15	
1,1-Dichloropropene	0.588175	11.2			15	
cis-1,3-Dichloropropene	0.4498283	11.5			15	
trans-1,3-Dichloropropene	0.4135167	12.4			15	
Diethyl Ether	0.3358236	8.1			15	
Difluorochloromethane (Freon 22)	0.6905923	10.0			15	
Diisopropyl Ether (DIPE)	1.471806	12.7			15	
1,4-Dioxane	2.798376E-03	8.5			15	
Ethyl Acetate	0.6681197	8.5			15	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300078	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.611093	8.2			15	
Hexachlorobutadiene	0.2685825	12.6			15	
2-Hexanone (MBK)	0.2532231	12.1			15	
Iodomethane	0.4267464	10.1			15	
Isopropylbenzene (Cumene)	2.465616	10.5			15	
p-Isopropyltoluene (p-Cymene)	1.995776	10.2			15	
Methyl Acetate	0.3976175	6.7			15	
Methyl tert-Butyl Ether (MTBE)	1.245938	14.2			15	
Methyl Cyclohexane	0.274213	12.9			15	
Methylene Chloride	0.5002735	10.3			15	
4-Methyl-2-pentanone (MIBK)	0.3583725	14.3			15	
Naphthalene	1.021174	46.4	0.9975353		0.99	
n-Propylbenzene	2.662807	8.8			15	
Styrene	1.699632	10.7			15	
1,1,1,2-Tetrachloroethane	0.5044555	11.5			15	
1,1,2,2-Tetrachloroethane	0.7092672	10.9			15	
Tetrachloroethylene	0.2234537	11.3			15	
Tetrahydrofuran	0.1669846	6.6			15	
Toluene	1.234303	6.5			15	
1,2,3-Trichlorobenzene	0.3255499	51.9	0.9961766		0.99	
1,2,4-Trichlorobenzene	0.4731095	49.9	0.9975455		0.99	
1,3,5-Trichlorobenzene	0.7256041	9.8			15	
1,1,1-Trichloroethane	0.6433871	14.2			15	
1,1,2-Trichloroethane	0.26248	12.0			15	
Trichloroethylene	0.290625	7.7			15	
Trichlorofluoromethane (Freon 11)	0.5476153	10.3			15	
1,2,3-Trichloropropane	0.2388472	14.1			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300078	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2686094	7.5			15	
1,2,4-Trimethylbenzene	2.324737	9.3			15	
1,3,5-Trimethylbenzene	2.109788	10.3			15	
Vinyl Acetate	1.097301	14.9			15	
Vinyl Chloride	0.4465223	10.8			15	
m+p Xylene	2.039767	9.1			15	
o-Xylene	2.145645	9.5			15	
1,2-Dichloroethane-d4	0.664209	0.9			15	
Toluene-d8	1.180177	1.1			15	
4-Bromofluorobenzene	0.9375206	2.6			15	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene									5	0.2135483	10	0.2218489
Ethyl Methacrylate			0.5	0.4165134	1	0.6699613	2	0.645551	5	0.7005068	10	0.7143025
Acetone					10	0.1905747	20	0.169013	50	0.1586623	100	0.1479433
Acrolein	4	5.606249E-02	5	6.671394E-02	10	0.0705323	20	6.681245E-02	50	6.806291E-02	100	6.901936E-02
Acrylonitrile					1	0.1669985	2	0.2490345	5	0.2458273	10	0.2407985
tert-Amyl Methyl Ether (TAME)	0.4	0.8550848	0.5	1.016372	1	1.176455	2	1.188717	5	1.199366	10	1.189616
Benzene			0.5	1.620472	1	1.941308	2	1.983916	5	1.987362	10	1.882612
Bromobenzene	0.4	0.7898783	0.5	0.956541	1	1.177156	2	1.188689	5	1.1777	10	1.133091
Bromochloromethane			0.5	0.1597267	1	0.1992194	2	0.2263145	5	0.2264484	10	0.2241834
Bromodichloromethane					1	0.3051763	2	0.3171995	5	0.3463019	10	0.3581584
Bromoform					1	0.2284363	2	0.2317846	5	0.2715626	10	0.3021544
Bromomethane			0.5	0.5190151	1	0.365039	2	0.2947695	5	0.2635211	10	0.2109356
2-Butanone (MEK)	4	0.260458	5	0.2867732	10	0.3165702	20	0.3122865	50	0.2967902	100	0.2924325
tert-Butyl Alcohol (TBA)	4	3.966097E-02	5	4.087921E-02	10	4.628805E-02	20	4.520389E-02	50	4.850345E-02	100	0.0469801
n-Butylbenzene					1	1.098731	2	1.389226	5	1.548996	10	1.652227
sec-Butylbenzene			0.5	1.847657	1	2.304882	2	2.605541	5	2.525284	10	2.477479
tert-Butylbenzene			0.5	1.394613	1	1.718438	2	1.933452	5	1.873022	10	1.829514
tert-Butyl Ethyl Ether (TBEE)	0.4	1.065619	0.5	1.242233	1	1.470176	2	1.471585	5	1.497793	10	1.442129
Carbon Disulfide			5	0.5780714	10	0.6992521	20	0.818155	50	0.8744824	100	0.8856634
Carbon Tetrachloride					1	0.4004034	2	0.4787914	5	0.5273231	10	0.5380764
Chlorobenzene	0.4	0.9941054	0.5	1.374641	1	1.710827	2	1.690198	5	1.72391	10	1.643822
Chlorodibromomethane	0.4	0.1178169	0.5	0.1373503	1	0.1871052	2	0.209671	5	0.236938	10	0.2571055
Chloroethane			0.5	0.1926002	1	0.2086499	2	0.2175609	5	0.2124458	10	0.211843
2-Chloroethyl Vinyl Ether	4	0.1388204	5	0.1567876	10	0.1895761	20	0.1855104	50	0.1876399	100	0.1836819
Chloroform	0.4	0.5611044	0.5	0.7653732	1	0.8581757	2	0.8677849	5	0.8679987	10	0.8408993
Chloromethane			0.5	0.4845946	1	0.5465762	2	0.574589	5	0.6156716	10	0.5828808

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene			0.5	1.595821	1	1.951492	2	2.055441	5	2.039903	10	1.891721
4-Chlorotoluene			0.5	1.666217	1	2.179195	2	2.266487	5	2.275841	10	2.195683
Cyclohexane									5	0.8162815	10	0.7345947
1,2-Dibromo-3-chloropropane (D							2	7.377735E-02	5	8.440347E-02	10	9.652342E-02
1,2-Dibromoethane (EDB)	0.4	0.1970811	0.5	0.2511477	1	0.2951141	2	0.3087087	5	0.3011855	10	0.3072657
Dibromomethane			0.5	0.1361106	1	0.1892704	2	0.1966181	5	0.2003129	10	0.198692
1,2-Dichlorobenzene	0.4	0.8882228	0.5	1.07639	1	1.34874	2	1.393677	5	1.410508	10	1.365761
1,3-Dichlorobenzene	0.4	0.8361357	0.5	1.149532	1	1.320659	2	1.430498	5	1.393616	10	1.376825
1,4-Dichlorobenzene	0.4	0.969095	0.5	1.192107	1	1.360191	2	1.390035	5	1.369425	10	1.353504
trans-1,4-Dichloro-2-butene					1	0.1575086	2	0.1618832	5	0.195935	10	0.2117705
Dichlorodifluoromethane (Freon					1	0.424962	2	0.5483283	5	0.5382362	10	0.5259981
1,1-Dichloroethane			0.5	0.6292381	1	0.7951092	2	0.8882427	5	0.8889825	10	0.8528767
1,2-Dichloroethane	0.4	0.3812085	0.5	0.4445289	1	0.5203026	2	0.5342841	5	0.5176369	10	0.5185926
1,1-Dichloroethylene			0.5	0.4343174	1	0.5055142	2	0.5644585	5	0.5570936	10	0.5595107
cis-1,2-Dichloroethylene			0.5	0.6346526	1	0.7988421	2	0.8301149	5	0.8281977	10	0.7860936
trans-1,2-Dichloroethylene			0.5	0.4261957	1	0.6267355	2	0.6900576	5	0.7339512	10	0.6972913
Dichlorofluoromethane (Freon 2			0.5	0.5333247	1	0.6507047	2	0.6791402	5	0.697681	10	0.6812004
1,2-Dichloropropane			0.5	0.250156	1	0.3003363	2	0.3223953	5	0.3303423	10	0.3184095
1,3-Dichloropropane	0.4	0.3334032	0.5	0.4358516	1	0.5271806	2	0.5230687	5	0.5266398	10	0.5110588
2,2-Dichloropropane			0.5	0.3295088	1	0.4738827	2	0.4976755	5	0.5367517	10	0.5377336
1,1-Dichloropropene			0.5	0.4323837	1	0.563669	2	0.6287826	5	0.6362141	10	0.6288345
cis-1,3-Dichloropropene					1	0.3684787	2	0.3863295	5	0.4273273	10	0.4466287
trans-1,3-Dichloropropene									5	0.3380408	10	0.3701001
Diethyl Ether	0.4	0.3265916	0.5	0.3724378	1	0.39058	2	0.336767	5	0.3313272	10	0.3173209
Difluorochloromethane (Freon 2			0.5	0.5631043	1	0.6664222	2	0.7679547	5	0.7574627	10	0.7384864
Diisopropyl Ether (DIPE)			0.5	1.420523	1	1.664877	2	1.622068	5	1.660688	10	1.538614

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane									50	2.432298E-03	100	2.657773E-03
Ethyl Acetate			0.5	0.646255	1	0.7571908	2	0.748087	5	0.6852833	10	0.6724291
Ethylbenzene			0.5	2.154715	1	2.684249	2	2.812523	5	2.792895	10	2.724218
Hexachlorobutadiene					1	0.1971173	2	0.2516792	5	0.262482	10	0.2712367
2-Hexanone (MBK)	4	0.2021701	5	0.2314129	10	0.2761489	20	0.2767607	50	0.2807398	100	0.279779
Iodomethane							20	0.3514711	50	0.4259068	100	0.4477416
Isopropylbenzene (Cumene)			0.5	1.84649	1	2.439426	2	2.630755	5	2.6599	10	2.629649
p-Isopropyltoluene (p-Cymene)			0.5	1.523976	1	1.833763	2	2.112972	5	2.100016	10	2.120013
Methyl Acetate			0.5	0.3902282	1	0.409048	2	0.4056154	5	0.3945996	10	0.404631
Methyl tert-Butyl Ether (MTBE)	0.4	0.8632376	0.5	0.9850458	1	1.356617	2	1.391328	5	1.362462	10	1.341289
Methyl Cyclohexane			0.5	0.2070171	1	0.220858	2	0.2973666	5	0.2989603	10	0.298934
Methylene Chloride											10	0.5622732
4-Methyl-2-pentanone (MIBK)	4	0.3192159	5	0.3537141	10	0.4167006	20	0.411599	50	0.396421	100	0.3921039
Naphthalene									5	0.3443811	10	0.6215652
n-Propylbenzene			0.5	2.105246	1	2.58495	2	2.823136	5	2.835187	10	2.804201
Styrene			0.5	1.261911	1	1.647236	2	1.770468	5	1.842824	10	1.795171
1,1,1,2-Tetrachloroethane					1	0.3915702	2	0.4533218	5	0.4983456	10	0.5074866
1,1,2,2-Tetrachloroethane	0.4	0.5279871	0.5	0.620729	1	0.7117235	2	0.7387828	5	0.7536881	10	0.7368386
Tetrachloroethylene			0.5	0.161399	1	0.2155085	2	0.2464221	5	0.2364776	10	0.2341246
Tetrahydrofuran					1	0.147941	2	0.1776289	5	0.1726448	10	0.1665546
Toluene			0.5	1.127809	1	1.305278	2	1.328043	5	1.304387	10	1.269479
1,2,3-Trichlorobenzene							2	6.878692E-02	5	0.1688602	10	0.261128
1,2,4-Trichlorobenzene							2	0.1000782	5	0.2576331	10	0.3895694
1,3,5-Trichlorobenzene									5	0.6174135	10	0.6655553
1,1,1-Trichloroethane			0.5	0.4428258	1	0.5505056	2	0.6330118	5	0.6685524	10	0.6760989
1,1,2-Trichloroethane	0.4	0.1881369	0.5	0.2273469	1	0.2706593	2	0.2859611	5	0.2882183	10	0.2788568

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene			0.5	0.2454454	1	0.2707866	2	0.3115601	5	0.3126948	10	0.3065463
Trichlorofluoromethane (Freon 1			0.5	0.4215547	1	0.5045319	2	0.5817689	5	0.5834537	10	0.5804812
1,2,3-Trichloropropane			0.5	0.1517338	1	0.2592532	2	0.2414219	5	0.2452422	10	0.2453487
1,1,2-Trichloro-1,2,2-trifluoroeth					1	0.2306544	2	0.2935892	5	0.284866	10	0.2729802
1,2,4-Trimethylbenzene			0.5	1.804536	1	2.298884	2	2.505193	5	2.49976	10	2.431817
1,3,5-Trimethylbenzene			0.5	1.59915	1	2.03685	2	2.208175	5	2.323955	10	2.229979
Vinyl Acetate	4	1.009556	5	1.117545	10	1.297519	20	1.236084	50	1.227347	100	1.147939
Vinyl Chloride			0.5	0.3650896	1	0.3952952	2	0.4477113	5	0.4639303	10	0.4540731
m+p Xylene			1	1.778948	2	2.122208	4	2.241113	10	2.231485	20	2.155827
o-Xylene			0.5	1.685244	1	2.178705	2	2.263315	5	2.337189	10	2.276905
1,2-Dichloroethane-d4	25	0.6630048	25	0.6617172	25	0.6617855	25	0.6755483	25	0.6672845	25	0.663815
Toluene-d8	25	1.164825	25	1.166024	25	1.18734	25	1.1747	25	1.166843	25	1.189536
4-Bromofluorobenzene	25	0.9187144	25	0.9096035	25	0.9339866	25	0.9263185	25	0.9321293	25	0.9353165

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2529096	50	0.2613945	100	0.2760957	200	0.3165364				
Ethyl Methacrylate	20	0.728064	50	0.7248244	100	0.6758358	200	0.6617405				
Acetone	200	0.1593915	500	0.1435945	1000	0.1311862	2000	0.1323051				
Acrolein	200	7.512982E-02	500	6.677119E-02	1000	6.548662E-02	2000	6.844853E-02				
Acrylonitrile	20	0.1817546	50	0.2144311	100	0.209705	200	0.2022139				
tert-Amyl Methyl Ether (TAME)	20	1.241521	50	1.184637	100	1.202233	200	1.253648				
Benzene	20	1.861268	50	1.720128	100	1.663992	200	1.649044				
Bromobenzene	20	1.160849	50	1.09966	100	1.077596	200	1.130183				
Bromochloromethane	20	0.2318966	50	0.2132481	100	0.2034094	200	0.1996041				
Bromodichloromethane	20	0.39778	50	0.3967079	100	0.3993281	200	0.4175933				
Bromoform	20	0.361303	50	0.4033834	100	0.4408322	200	0.5118713				
Bromomethane	20	0.1016633	50	0.1137873	100	0.0919327	200	9.236314E-02				
2-Butanone (MEK)	200	0.2981765	500	0.2694968	1000	0.2551686	2000	0.2511277				
tert-Butyl Alcohol (TBA)	200	4.965314E-02	500	4.511391E-02	1000	4.861702E-02	2000	5.382549E-02				
n-Butylbenzene	20	1.744164	50	1.619293	100	1.612726	200	1.641013				
sec-Butylbenzene	20	2.5311	50	2.322557	100	2.285982	200	2.287253				
tert-Butylbenzene	20	1.872154	50	1.736595	100	1.707284	200	1.739179				
tert-Butyl Ethyl Ether (TBEE)	20	1.52859	50	1.422932	100	1.410133	200	1.456733				
Carbon Disulfide	200	0.9298519	500	0.7912074	1000	0.7119579						
Carbon Tetrachloride	20	0.5922312	50	0.57499	100	0.5897598	200	0.6158011				
Chlorobenzene	20	1.688795	50	1.571349	100	1.524661	200	1.520591				
Chlorodibromomethane	20	0.2904407	50	0.3020276	100	0.3149241	200	0.3435579				
Chloroethane	20	0.2057809	50	0.1918686	100	0.1843296						
2-Chloroethyl Vinyl Ether	200	0.184239	500	0.166941	1000	0.1494428	2000	0.1389377				
Chloroform	20	0.8727282	50	0.8054567	100	0.7907438	200	0.8133139				
Chloromethane	20	0.6542394	50	0.5378074	100	0.563251	200	0.6343029				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.945758	50	1.83014	100	1.790564	200	1.850749				
4-Chlorotoluene	20	2.262634	50	2.094817	100	2.039723	200	2.06029				
Cyclohexane	20	0.7117241	50	0.6348574	100	0.6239085	200	0.6319874				
1,2-Dibromo-3-chloropropane (D	20	0.1208198	50	0.1322344	100	0.1468911	200	0.1646487				
1,2-Dibromoethane (EDB)	20	0.3235194	50	0.3078251	100	0.3059049	200	0.3226281				
Dibromomethane	20	0.2037349	50	0.1970379	100	0.1915718	200	0.1968722				
1,2-Dichlorobenzene	20	1.41391	50	1.334951	100	1.316506	200	1.353055				
1,3-Dichlorobenzene	20	1.417567	50	1.330166	100	1.322082	200	1.364772				
1,4-Dichlorobenzene	20	1.391386	50	1.304839	100	1.308147	200	1.345314				
trans-1,4-Dichloro-2-butene	20	0.2391233	50	0.258039	100	0.2718321	200	0.3087105				
Dichlorodifluoromethane (Freon	20	0.5354057	50	0.4495972	100	0.4591832	200	0.4498688				
1,1-Dichloroethane	20	0.8863083	50	0.8123956	100	0.7929502	200	0.817448				
1,2-Dichloroethane	20	0.5299837	50	0.500396	100	0.4856991	200	0.4873304				
1,1-Dichloroethylene	20	0.591643	50	0.5258062	100	0.5189626	200	0.5312972				
cis-1,2-Dichloroethylene	20	0.8123428	50	0.7488894	100	0.7324333	200	0.7389403				
trans-1,2-Dichloroethylene	20	0.6359331	50	0.6551763	100	0.6167468	200	0.6168938				
Dichlorofluoromethane (Freon 2	20	0.7059635	50	0.6397607	100	0.6461753	200	0.6273473				
1,2-Dichloropropane	20	0.3190075	50	0.3023259	100	0.2932459	200	0.2992183				
1,3-Dichloropropane	20	0.52619	50	0.4971883	100	0.4876943	200	0.4988319				
2,2-Dichloropropane	20	0.5763895	50	0.5434857	100	0.5498037	200	0.5695287				
1,1-Dichloropropene	20	0.6511968	50	0.5844947	100	0.5808036	200	0.5871959				
cis-1,3-Dichloropropene	20	0.4855175	50	0.4882042	100	0.4869903	200	0.5091502				
trans-1,3-Dichloropropene	20	0.4160366	50	0.4329188	100	0.4464103	200	0.4775933				
Diethyl Ether	20	0.3454158	50	0.3125948	100	0.3049674	200	0.3202337				
Difluorochloromethane (Freon 2	20	0.7573732	50	0.6646524	100	0.6547035	200	0.6451715				
Diisopropyl Ether (DIPE)	20	1.565791	50	1.377518	100	1.258242	200	1.137932				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.066928E-03	500	2.772322E-03	1000	2.823959E-03	2000	3.036976E-03				
Ethyl Acetate	20	0.6763185	50	0.6158276	100	0.5964232	200	0.615263				
Ethylbenzene	20	2.779012	50	2.598043	100	2.502064	200	2.452121				
Hexachlorobutadiene	20	0.2932336	50	0.2775441	100	0.2863426	200	0.3090245				
2-Hexanone (MBK)	200	0.2836441	500	0.2553994	1000	0.2314386	2000	0.2147375				
Iodomethane	200	0.48843	500	0.4508214	1000	0.4234121	2000	0.3994415				
Isopropylbenzene (Cumene)	20	2.690393	50	2.486151	100	2.395965	200	2.411813				
p-Isopropyltoluene (p-Cymene)	20	2.192492	50	2.038679	100	2.017002	200	2.023067				
Methyl Acetate	20	0.4540568	50	0.3748037	100	0.3576192	200	0.3879554				
Methyl tert-Butyl Ether (MTBE)	20	1.321866	50	1.302174	100	1.251844	200	1.283518				
Methyl Cyclohexane	20	0.3004767	50	0.2816859	100	0.2765167	200	0.2861015				
Methylene Chloride	20	0.5487018	50	0.4717762	100	0.4479282	200	0.4706881				
4-Methyl-2-pentanone (MIBK)	200	0.3868077	500	0.3431451	1000	0.2986027	2000	0.2654153				
Naphthalene	20	0.9521926	50	1.227144	100	1.406347	200	1.575416				
n-Propylbenzene	20	2.8792	50	2.687909	100	2.626414	200	2.619019				
Styrene	20	1.878022	50	1.743547	100	1.678505	200	1.679008				
1,1,1,2-Tetrachloroethane	20	0.5368909	50	0.532393	100	0.5420156	200	0.5736205				
1,1,2,2-Tetrachloroethane	20	0.7631026	50	0.7229186	100	0.7313125	200	0.7855894				
Tetrachloroethylene	20	0.2412667	50	0.22705	100	0.2220778	200	0.2267567				
Tetrahydrofuran	20	0.1825963	50	0.1624326	100	0.1584216	200	0.167657				
Toluene	20	1.283239	50	1.198936	100	1.155016	200	1.136537				
1,2,3-Trichlorobenzene	20	0.3490306	50	0.4180271	100	0.4740984	200	0.5389179				
1,2,4-Trichlorobenzene	20	0.5224723	50	0.6115418	100	0.678237	200	0.7522347				
1,3,5-Trichlorobenzene	20	0.7574105	50	0.7414967	100	0.761133	200	0.8106158				
1,1,1-Trichloroethane	20	0.7177181	50	0.6833192	100	0.6952704	200	0.7231815				
1,1,2-Trichloroethane	20	0.2835194	50	0.2703469	100	0.2608873	200	0.2708673				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13G0937

Project: Buffalo, NY

Calibration: 1300079 Instrument: GCMSVOA2

Calibration Date: 7/23/2013 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.3088279	50	0.2922752	100	0.2826181	200	0.2848703				
Trichlorofluoromethane (Freon 1	20	0.6114604	50	0.5407445	100	0.5540537	200	0.5504888				
1,2,3-Trichloropropane	20	0.2557802	50	0.2420635	100	0.2438241	200	0.264957				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2848174	50	0.2582017	100	0.257709	200	0.2660576				
1,2,4-Trimethylbenzene	20	2.489109	50	2.317427	100	2.291513	200	2.284391				
1,3,5-Trimethylbenzene	20	2.304474	50	2.136888	100	2.072922	200	2.075701				
Vinyl Acetate	200	1.206405	500	1.042943	1000	0.914753	2000	0.7729152				
Vinyl Chloride	20	0.4999087	50	0.4281932	100	0.4413412	200	0.5231581				
m+p Xylene	40	2.166155	100	1.996951	200	1.878828	400	1.786388				
o-Xylene	20	2.317706	50	2.159024	100	2.060187	200	2.032533				
1,2-Dichloroethane-d4	25	0.6604706	25	0.6706897	25	0.6552842	25	0.6624898				
Toluene-d8	25	1.179873	25	1.20217	25	1.177881	25	1.192579				
4-Bromofluorobenzene	25	0.9319907	25	0.9490558	25	0.9378665	25	1.000224				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300079	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2570556	14.6			15	
Ethyl Methacrylate	0.6597	14.5			15	
Acetone	0.1540838	12.9			15	
Acrolein	6.730396E-02	7.1			15	
Acrylonitrile	0.2138454	14.1			15	
tert-Amyl Methyl Ether (TAME)	1.150765	10.6			15	
Benzene	1.812234	8.2			15	
Bromobenzene	1.089134	11.5			15	
Bromochloromethane	0.209339	10.7			15	
Bromodichloromethane	0.3672807	11.4			15	
Bromoform	0.343916	30.0	0.9947842		0.995	*
Bromomethane	0.2281141	64.9	0.9952919		0.995	
2-Butanone (MEK)	0.283928	8.3			15	
tert-Butyl Alcohol (TBA)	4.647252E-02	8.9			15	
n-Butylbenzene	1.538297	13.3			15	
sec-Butylbenzene	2.354193	9.6			15	
tert-Butylbenzene	1.756028	9.0			15	
tert-Butyl Ethyl Ether (TBEE)	1.400792	10.1			15	
Carbon Disulfide	0.7860802	14.9			15	
Carbon Tetrachloride	0.5396721	13.2			15	
Chlorobenzene	1.54429	14.4			15	
Chlorodibromomethane	0.2396937	31.8	0.9981776		0.995	
Chloroethane	0.2031349	5.9			15	
2-Chloroethyl Vinyl Ether	0.1681577	12.3			15	
Chloroform	0.8043579	11.6			15	
Chloromethane	0.5771014	9.1			15	
2-Chlorotoluene	1.88351	7.5			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300079	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.115654	9.0			15	
Cyclohexane	0.6922256	11.0			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1170426	28.7	0.9967567		0.995	
1,2-Dibromoethane (EDB)	0.292038	13.3			15	
Dibromomethane	0.1900245	10.9			15	
1,2-Dichlorobenzene	1.290172	13.3			15	
1,3-Dichlorobenzene	1.294185	13.8			15	
1,4-Dichlorobenzene	1.298404	10.0			15	
trans-1,4-Dichloro-2-butene	0.2256003	23.7	0.9963835		0.995	
Dichlorodifluoromethane (Freon 12)	0.4914474	10.2			15	
1,1-Dichloroethane	0.8181724	9.9			15	
1,2-Dichloroethane	0.4919963	9.6			15	
1,1-Dichloroethylene	0.532067	8.5			15	
cis-1,2-Dichloroethylene	0.7678341	8.1			15	
trans-1,2-Dichloroethylene	0.6332201	13.8			15	
Dichlorofluoromethane (Freon 21)	0.6512553	8.0			15	
1,2-Dichloropropane	0.3039374	7.8			15	
1,3-Dichloropropane	0.4867107	12.5			15	
2,2-Dichloropropane	0.5127511	14.8			15	
1,1-Dichloropropene	0.588175	11.2			15	
cis-1,3-Dichloropropene	0.4498283	11.5			15	
trans-1,3-Dichloropropene	0.4135167	12.4			15	
Diethyl Ether	0.3358236	8.1			15	
Difluorochloromethane (Freon 22)	0.6905923	10.0			15	
Diisopropyl Ether (DIPE)	1.471806	12.7			15	
1,4-Dioxane	2.798376E-03	8.5			15	
Ethyl Acetate	0.6681197	8.5			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300079	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.611093	8.2			15	
Hexachlorobutadiene	0.2685825	12.6			15	
2-Hexanone (MBK)	0.2532231	12.1			15	
Iodomethane	0.4267464	10.1			15	
Isopropylbenzene (Cumene)	2.465616	10.5			15	
p-Isopropyltoluene (p-Cymene)	1.995776	10.2			15	
Methyl Acetate	0.3976175	6.7			15	
Methyl tert-Butyl Ether (MTBE)	1.245938	14.2			15	
Methyl Cyclohexane	0.274213	12.9			15	
Methylene Chloride	0.5002735	10.3			15	
4-Methyl-2-pentanone (MIBK)	0.3583725	14.3			15	
Naphthalene	1.021174	46.4	0.9975353		0.995	
n-Propylbenzene	2.662807	8.8			15	
Styrene	1.699632	10.7			15	
1,1,1,2-Tetrachloroethane	0.5044555	11.5			15	
1,1,2,2-Tetrachloroethane	0.7092672	10.9			15	
Tetrachloroethylene	0.2234537	11.3			15	
Tetrahydrofuran	0.1669846	6.6			15	
Toluene	1.234303	6.5			15	
1,2,3-Trichlorobenzene	0.3255499	51.9	0.9961766		0.995	
1,2,4-Trichlorobenzene	0.4731095	49.9	0.9975455		0.995	
1,3,5-Trichlorobenzene	0.7256041	9.8			15	
1,1,1-Trichloroethane	0.6433871	14.2			15	
1,1,2-Trichloroethane	0.26248	12.0			15	
Trichloroethylene	0.290625	7.7			15	
Trichlorofluoromethane (Freon 11)	0.5476153	10.3			15	
1,2,3-Trichloropropane	0.2388472	14.1			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300079	Instrument:	GCMSVOA2
		Calibration Date:	7/23/2013 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2686094	7.5			15	
1,2,4-Trimethylbenzene	2.324737	9.3			15	
1,3,5-Trimethylbenzene	2.109788	10.3			15	
Vinyl Acetate	1.097301	14.9			15	
Vinyl Chloride	0.4465223	10.8			15	
m+p Xylene	2.039767	9.1			15	
o-Xylene	2.145645	9.5			15	
1,2-Dichloroethane-d4	0.664209	0.9			15	
Toluene-d8	1.180177	1.1			15	
4-Bromofluorobenzene	0.9375206	2.6			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004472	Instrument:	GCMSVOA2
Calibration:	1300078		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206199	0.4ppb 8260 Calibration Standard	S004472-CAL1	VB204009.D	07/23/13 14:56
1206200	0.5ppb 8260 Calibration Standard	S004472-CAL2	VB204010.D	07/23/13 15:28
1206201	1ppb 8260 Calibration Standard	S004472-CAL3	VB204011.D	07/23/13 15:59
1206202	2ppb 8260 Calibration Standard	S004472-CAL4	VB204012.D	07/23/13 16:31
1206203	5ppb 8260 Calibration Standard	S004472-CAL5	VB204013.D	07/23/13 17:02
1206204	10ppb 8260 Calibration Standard	S004472-CAL6	VB204014.D	07/23/13 17:34
1206205	20ppb 8260 Calibration Standard	S004472-CAL7	VB204015.D	07/23/13 18:05
1206206	50ppb 8260 Calibration Standard	S004472-CAL8	VB204016.D	07/23/13 18:36
1206207	100ppb 8260 Calibration Standard	S004472-CAL9	VB204017.D	07/23/13 19:08
1206208	200ppb 8260 Calibration Standard	S004472-CALA	VB204018.D	07/23/13 19:39

Injection Log

W:\DATA\072313\

Date	Filename	Lab ID	Sample Info
23 Jul 2013 9:12 am	VB204001.D	CLEAN UP	
23 Jul 2013 9:45 am	VB204002.D	8260 STD 10 PPB 1307209	
23 Jul 2013 10:22 am	VB204003.D	8260 STD 10 PPB 1307209	
23 Jul 2013 10:55 am	VB204004.D	8260 STD 10 PPB 1307209	
23 Jul 2013 11:38 am	VB204005.D	8260 STD 10 PPB 1307209	
23 Jul 2013 1:23 pm	VB204006.D	CLEAN UP	
23 Jul 2013 1:54 pm	VB204007.D	CLEAN UP	
23 Jul 2013 2:25 pm	VB204008.D	BFB	
23 Jul 2013 2:56 pm	VB204009.D	8260STD 0.4PPB 1307209	
23 Jul 2013 3:28 pm	VB204010.D	8260STD 0.5PPB 1307209	
23 Jul 2013 3:59 pm	VB204011.D	8260STD 1.0PPB 1307209	
23 Jul 2013 4:31 pm	VB204012.D	8260STD 2.0PPB 1307209	
23 Jul 2013 5:02 pm	VB204013.D	8260STD 5.0PPB 1307209	
23 Jul 2013 5:34 pm	VB204014.D	8260STD 10PPB 1307209	
23 Jul 2013 6:05 pm	VB204015.D	8260STD 20PPB 1307209	
23 Jul 2013 6:36 pm	VB204016.D	8260STD 50PPB 1307209	
23 Jul 2013 7:08 pm	VB204017.D	8260STD 100PPB 1307209	
23 Jul 2013 7:39 pm	VB204018.D	8260STD 200PPB 1307209	
23 Jul 2013 8:10 pm	VB204019.D	CLEAN UP	
23 Jul 2013 8:42 pm	VB204020.D	CLEAN UP	
23 Jul 2013 9:13 pm	VB204021.D	B0-BS1	
23 Jul 2013 9:44 pm	VB204022.D	B0-BSD1	
23 Jul 2013 10:16 pm	VB204023.D	CLEAN UP	
23 Jul 2013 10:47 pm	VB204024.D	CLEAN UP	
23 Jul 2013 11:18 pm	VB204025.D	B0-BLK1 @ SPLP	
23 Jul 2013 11:49 pm	VB204026.D	13G0642-11 @ SPLP	
24 Jul 2013 12:20 am	VB204027.D	13G0642-14 @ SPLP	
24 Jul 2013 12:51 am	VB204028.D	13G0642-19 @ SPLP	
24 Jul 2013 1:22 am	VB204029.D	13G0642-21 @ SPLP	
24 Jul 2013 1:53 am	VB204030.D	13G0642-17 @ 5X SPLP	5
24 Jul 2013 2:24 am	VB204031.D	13G0642-20 @ 2X SPLP	2
24 Jul 2013 2:55 am	VB204032.D	CLEAN UP	

Response Factor Report GCMSVOA2

Method Path : W:\METHODS\
Method File : B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012
Response Via : Initial Calibration

Calibration Files
0.4 =VB204009.D 0.5 =VB204010.D 1.0 =VB204011.D 2.0 =VB204012.D 5.0 =VB204013.D 10 =VB204018.D 20 =VB204015.D 50 =VB204016.D
100 =VB204017.D 200 =VB204018.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	ISTD											
2)	S	1,2-DICHLOROET...	0.663	0.662	0.662	0.676	0.667	0.664	0.660	0.671	0.655	0.662	0.664	0.86
3)	T	DICHLORODIFLOU...			0.425	0.548	0.538	0.526	0.535	0.450	0.459	0.450	0.491	10.17
4)		DIFLUOROCHLORO...		0.563	0.666	0.768	0.757	0.738	0.757	0.665	0.655	0.645	0.691	9.99
5)	P	CHLOROMETHANE		0.485	0.547	0.575	0.616	0.583	0.654	0.538	0.563	0.634	0.577	9.08
6)	C	VINYL CHLORIDE		0.365	0.395	0.448	0.464	0.454	0.500	0.428	0.441	0.523	0.447	10.83#
7)	T	BROMOMETHANE		0.519	0.365	0.295	0.264	0.211	0.102	0.114	0.092	0.092	0.228	64.91
8)		CHLOROETHANE		0.193	0.209	0.218	0.212	0.212	0.206	0.192	0.184		0.203	5.88
9)		FLUORODICHLORO...		0.533	0.651	0.679	0.698	0.681	0.706	0.640	0.646	0.627	0.651	7.95
10)	T	TRICHLOROFLUOR...		0.422	0.505	0.582	0.583	0.580	0.611	0.541	0.554	0.550	0.548	10.30
11)		ETHANOL				0.004	0.004	0.004	0.004	0.004	0.003		0.004	6.88
12)	T	DI ETHYL ETHER	0.327	0.372	0.391	0.337	0.331	0.317	0.345	0.313	0.305	0.320	0.336	8.07
13)		ACROLEIN	0.056	0.067	0.071	0.067	0.068	0.069	0.075	0.067	0.065	0.068	0.067	7.13
14)	T	ACETONE			0.191	0.169	0.159	0.148	0.159	0.144	0.131	0.132	0.154	12.86
15)	C	1,1-DICHLOROET...		0.434	0.506	0.564	0.557	0.560	0.592	0.526	0.519	0.531	0.532	8.52#
16)		1,1,2-TRICL-1,...			0.231	0.294	0.285	0.273	0.285	0.258	0.258	0.266	0.269	7.50
17)		IODOMETHANE				0.351	0.426	0.448	0.488	0.451	0.423	0.399	0.427	10.15
18)		METHYL ACETATE		0.390	0.409	0.406	0.395	0.405	0.454	0.375	0.358	0.388	0.398	6.72
19)		T-BUTYL ALCOHOL	0.040	0.041	0.046	0.045	0.049	0.047	0.050	0.045	0.049	0.054	0.046	8.91
20)		ACRYLONITRILE			0.167	0.249	0.246	0.241	0.182	0.214	0.210	0.202	0.214	14.10
21)		METHYLENE CHLO...						0.562	0.549	0.472	0.448	0.471	0.500	10.30
22)		CARBON DISULFIDE		0.578	0.699	0.818	0.874	0.886	0.930	0.791	0.712		0.786	14.88
23)		METHYL TERT-BU...	0.863	0.985	1.357	1.391	1.362	1.341	1.322	1.302	1.252	1.284	1.246	14.18
24)		TRANS 1,2-DICH...		0.426	0.627	0.690	0.734	0.697	0.636	0.655	0.617	0.617	0.633	13.84
25)		1,1-DICHLOROET...		0.629	0.795	0.888	0.889	0.853	0.886	0.812	0.793	0.817	0.818	9.92
26)		VINYL ACETATE	1.010	1.118	1.298	1.236	1.227	1.148	1.206	1.043	0.915	0.773	1.097	14.89
27)		DI ISOPROPYL E...		1.421	1.665	1.622	1.661	1.539	1.566	1.378	1.258	1.138	1.472	12.65
28)		2-BUTANONE	0.260	0.287	0.317	0.312	0.297	0.292	0.298	0.269	0.255	0.251	0.284	8.29
29)		T-BUTYL ETHYL ...	1.066	1.242	1.470	1.472	1.498	1.442	1.529	1.423	1.410	1.457	1.401	10.05
30)		CIS-1,2-DICHLO...		0.635	0.799	0.830	0.828	0.786	0.812	0.749	0.732	0.739	0.768	8.10
31)		2,2-DICHLOROPR...		0.330	0.474	0.498	0.537	0.538	0.576	0.543	0.550	0.570	0.513	14.81
32)		ETHYL ACETATE		0.646	0.757	0.748	0.685	0.672	0.676	0.616	0.596	0.615	0.668	8.51
33)		BROMOCHLOROMET...		0.160	0.199	0.226	0.226	0.224	0.232	0.213	0.203	0.200	0.209	10.71
34)		TETRAHYDROFURAN			0.148	0.178	0.173	0.167	0.183	0.162	0.158	0.168	0.167	6.59
35)		CHLOROFORM	0.561	0.765	0.858	0.868	0.868	0.841	0.873	0.805	0.791	0.813	0.804	11.57#
36)		1,1,1-TRICHLOR...		0.443	0.551	0.633	0.669	0.676	0.718	0.683	0.695	0.723	0.643	14.21
37)		CYCLOHEXANE					0.816	0.735	0.712	0.635	0.624	0.632	0.692	11.03
38)		CARBON TETRACH...			0.400	0.479	0.527	0.538	0.592	0.575	0.590	0.616	0.540	13.21
39)		1,1-DICHLOROPR...		0.432	0.564	0.629	0.636	0.629	0.651	0.584	0.581	0.587	0.588	11.17
40)		BENZENE		1.620	1.941	1.984	1.987	1.883	1.861	1.720	1.664	1.649	1.812	8.23
41)		T-AMYLMETHYL E...	0.855	1.016	1.176	1.189	1.199	1.190	1.242	1.185	1.202	1.254	1.151	10.61

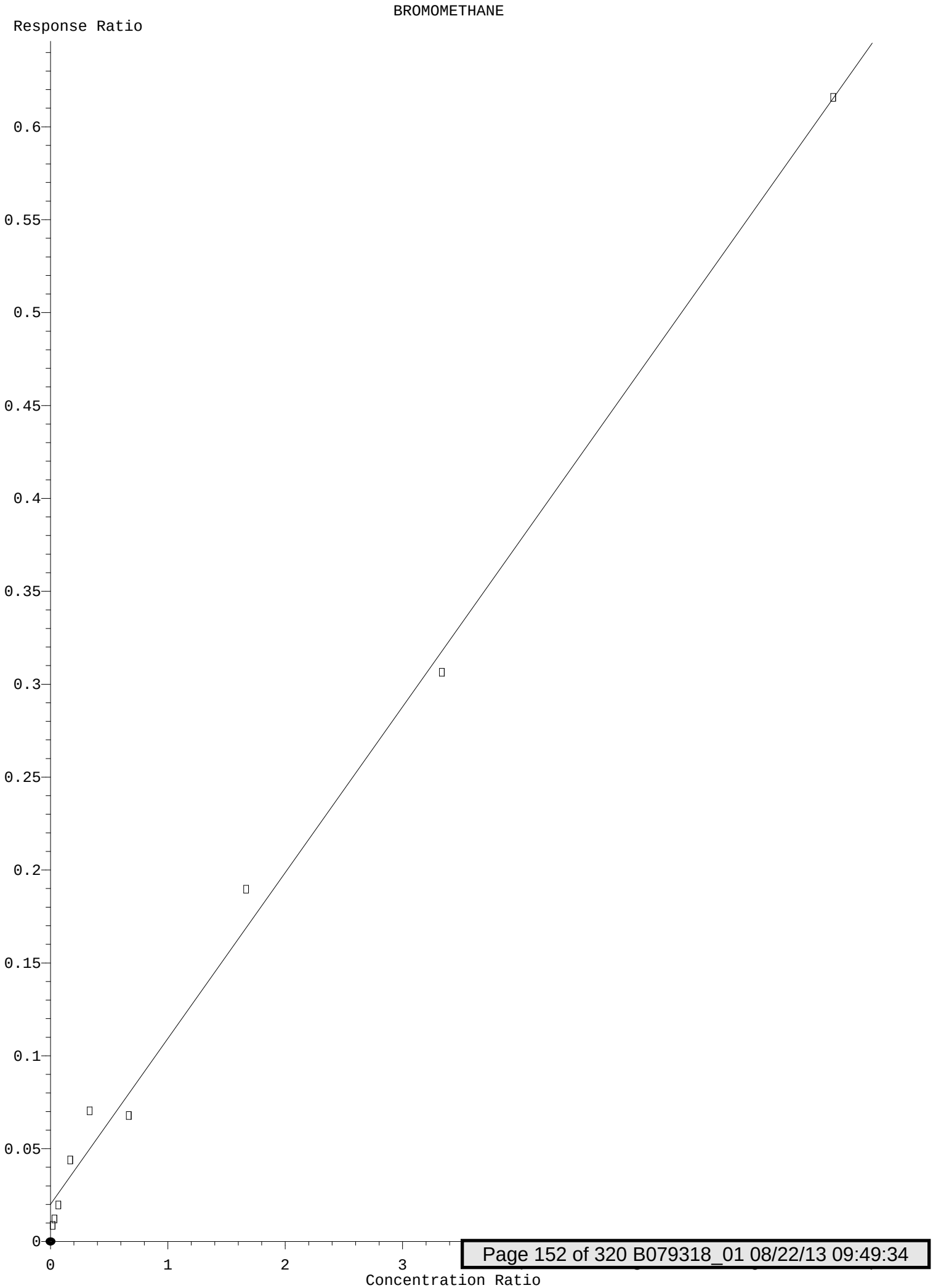
Method Path : W:\METHODS\
Method File : B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973

42)	I	1,4-DIFLOUROBENZEN...	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	----------	----------	
43)	S	TOLUENE-D8 SS	1.165	1.166	1.187	1.175	1.167	1.190	1.180	1.202	1.178	1.193	1.180	1.07
44)	T	1,2-DICHLOROET...	0.381	0.445	0.520	0.534	0.518	0.519	0.530	0.500	0.486	0.487	0.492	9.59
45)	T	TRICHLOROETHENE		0.245	0.271	0.312	0.313	0.307	0.309	0.292	0.283	0.285	0.291	7.74
46)		METHYLCYCLOHEXANE		0.207	0.221	0.297	0.299	0.299	0.300	0.282	0.277	0.286	0.274	12.90
47)	C	1,2-DICHLOROPR...		0.250	0.300	0.322	0.330	0.318	0.319	0.302	0.293	0.299	0.304	7.82#
48)	T	DIBROMOMETHANE		0.136	0.189	0.197	0.200	0.199	0.204	0.197	0.192	0.197	0.190	10.88
49)		1,4-DIOXANE					0.002	0.003	0.003	0.003	0.003	0.003	0.003	8.52
50)	T	BROMODICHLOROM...			0.305	0.317	0.346	0.358	0.398	0.397	0.399	0.418	0.367	11.39
51)		2-CHLOROETHYLV...	0.139	0.157	0.190	0.186	0.188	0.184	0.184	0.167	0.149	0.139	0.168	12.27
52)	T	MIBK	0.319	0.354	0.417	0.412	0.396	0.392	0.387	0.343	0.299	0.265	0.358	14.30
53)	T	CIS-1,3-DICHLO...			0.368	0.386	0.427	0.447	0.486	0.488	0.487	0.509	0.450	11.52
54)	C	TOLUENE		1.128	1.305	1.328	1.304	1.269	1.283	1.199	1.155	1.137	1.234	6.46#
55)	T	TRANS-1,3,-DIC...					0.338	0.370	0.416	0.433	0.446	0.478	0.414	12.40
56)		ETHYL METHACRY...		0.208	0.335	0.323	0.350	0.357	0.364	0.362	0.338	0.331	0.330	14.51
57)	T	1,1,2-TRICHLOR...	0.188	0.227	0.271	0.286	0.288	0.279	0.284	0.270	0.261	0.271	0.262	11.97
58)		2-HEXANONE	0.202	0.231	0.276	0.277	0.281	0.280	0.284	0.255	0.231	0.215	0.253	12.14
59)	T	TETRACHLOROETHENE		0.161	0.216	0.246	0.236	0.234	0.241	0.227	0.222	0.227	0.223	11.26
60)		1,3-DICHLOROPR...	0.333	0.436	0.527	0.523	0.527	0.511	0.526	0.497	0.488	0.499	0.487	12.45
61)	T	DIBROMOCHLOROM...	0.118	0.137	0.187	0.210	0.237	0.257	0.290	0.302	0.315	0.344	0.240	31.78
62)	T	1,2-DIBROMOETHANE	0.197	0.251	0.295	0.309	0.301	0.307	0.324	0.308	0.306	0.323	0.292	13.34
63)	I	CHLOROBENZENE-D5 ISTD	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	----------	----------	
64)	S	4-BROMOFLUROBE...	0.919	0.910	0.934	0.926	0.932	0.935	0.932	0.949	0.938	1.000	0.938	2.61
65)		CHLOROBENZENE	0.994	1.375	1.711	1.690	1.724	1.644	1.689	1.571	1.525	1.521	1.544	14.40
66)		1,1,1,2-TETRAC...			0.392	0.453	0.498	0.507	0.537	0.532	0.542	0.574	0.504	11.47
67)		ETHYLBENZENE		2.155	2.684	2.813	2.793	2.724	2.779	2.598	2.502	2.452	2.611	8.19#
68)		M/P-XYLENES		1.779	2.122	2.241	2.231	2.156	2.166	1.997	1.879	1.786	2.040	9.06
69)		0-XYLENE		1.685	2.179	2.263	2.337	2.277	2.318	2.159	2.060	2.033	2.146	9.48
70)		STYRENE		1.262	1.647	1.770	1.843	1.795	1.878	1.744	1.679	1.679	1.700	10.68
71)		BROMOFORM			0.228	0.232	0.272	0.302	0.361	0.403	0.441	0.512	0.344	29.96
72)		ISOPROPYLBENZENE		1.846	2.439	2.631	2.660	2.630	2.690	2.486	2.396	2.412	2.466	10.48
73)		CIS-1,4-DICHLO...					0.214	0.222	0.253	0.261	0.276	0.317	0.257	14.63
74)		1,1,2,2-TETRAC...	0.528	0.621	0.712	0.739	0.754	0.737	0.763	0.723	0.731	0.786	0.709	10.89
75)		1,4-DICHLORO-2...			0.158	0.162	0.196	0.212	0.239	0.258	0.272	0.309	0.226	23.72
76)		BROMOBENZENE	0.790	0.957	1.177	1.189	1.178	1.133	1.161	1.100	1.078	1.130	1.089	11.52
77)		1,2,3-TRICHLOR...		0.152	0.259	0.241	0.245	0.245	0.256	0.242	0.244	0.265	0.239	14.12
78)		N-PROPYLBENZENE		2.105	2.585	2.823	2.835	2.804	2.879	2.688	2.626	2.619	2.663	8.84
79)		2-CHLOROT0LUENE		1.596	1.951	2.055	2.040	1.892	1.946	1.830	1.791	1.851	1.884	7.46
80)		1,3,5-TRIMETHY...		1.599	2.037	2.208	2.324	2.230	2.304	2.137	2.073	2.076	2.110	10.29
81)		4-CHLOROTOLUENE		1.666	2.179	2.266	2.276	2.196	2.263	2.095	2.040	2.060	2.116	9.03
82)		1,4-DICHLOROBENZEN...	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	----------	----------	
83)		TERT-BUTYLBENZENE		1.395	1.718	1.933	1.873	1.830	1.872	1.737	1.707	1.739	1.756	8.98
84)		1,2,4-TRIMETHY...		1.805	2.299	2.505	2.500	2.432	2.489	2.317	2.292	2.284	2.325	9.32
85)		SEC-BUTYLBENZENE		1.848	2.305	2.606	2.525	2.477	2.531	2.323	2.286	2.287	2.354	9.59
86)		1,3-DICHLOROBE...	0.836	1.150	1.321	1.430	1.394	1.377	1.418	1.330	1.322	1.365	1.294	13.85
87)		P-ISOPROPYLTOL...		1.524	1.834	2.113	2.100	2.120	2.192	2.039	2.017	2.023	1.996	10.19
88)		1,4-DICHLOROBE...	0.969	1.192	1.360	1.390	1.369	1.354	1.391	1.305	1.308	1.345	1.298	9.98
89)		N-BUTYLBENZENE			1.099	1.389	1.549	1.652	1.744	1.619	1.613	1.641	1.538	13.31

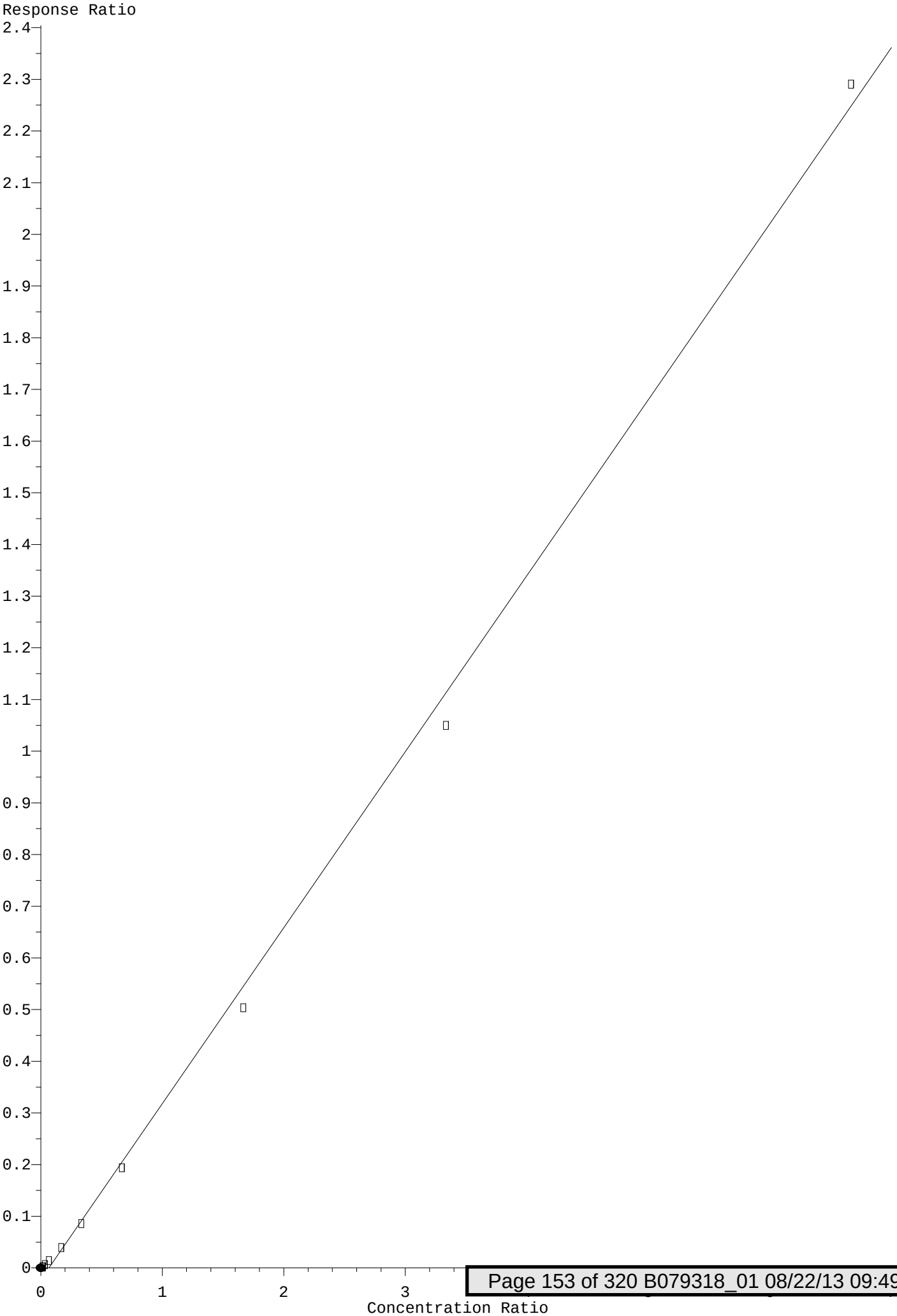
Method Path : W:\METHODS\
Method File : B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973

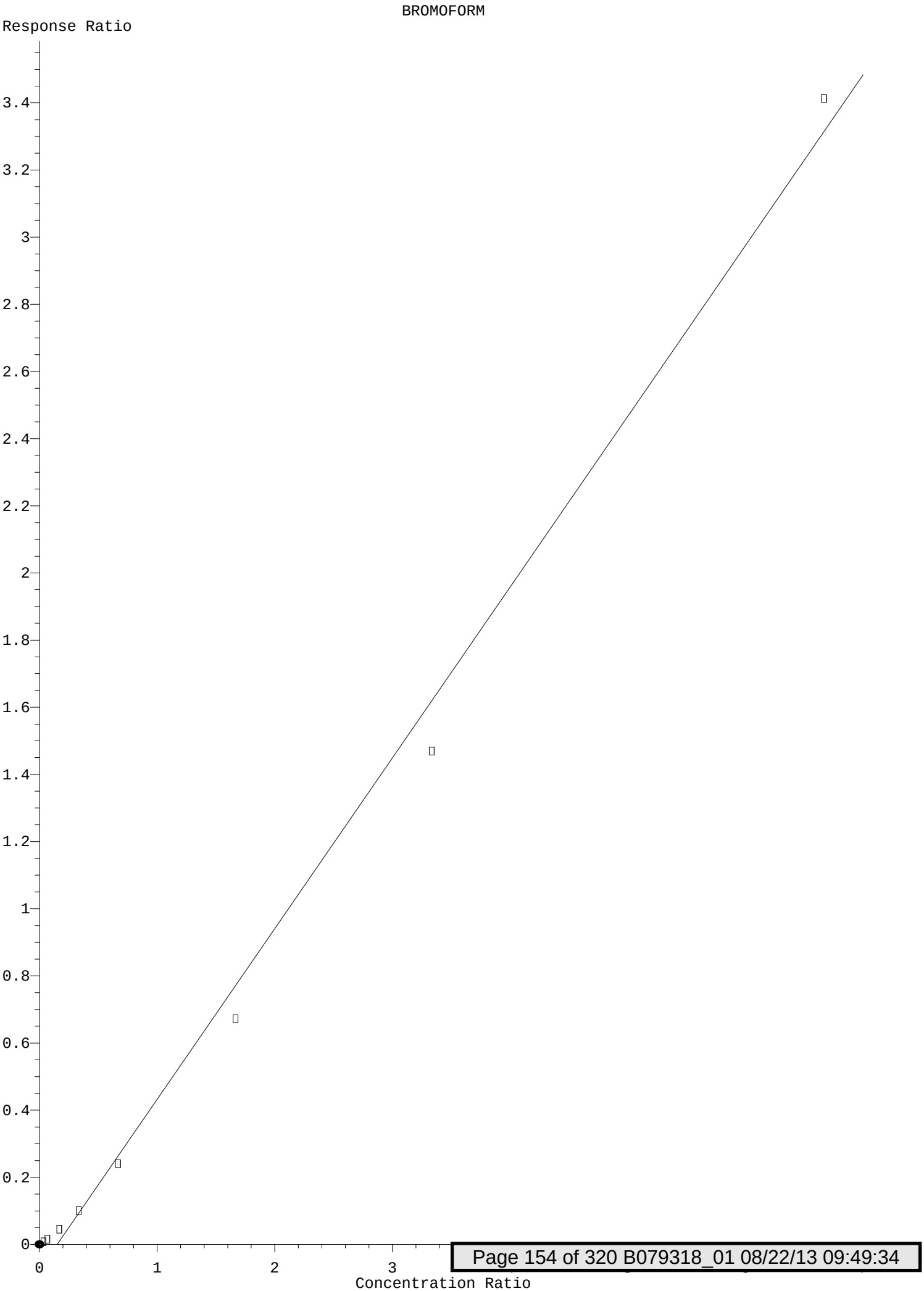
90)	T	1,2-DICHLOROBE...	0.888	1.076	1.349	1.394	1.411	1.366	1.414	1.335	1.317	1.353	1.290	13.26
91)		1,2-DIBROMO-3-...				0.074	0.084	0.097	0.121	0.132	0.147	0.165	0.117	28.68
92)		1,3,5-TRICHLOR...					0.617	0.666	0.757	0.741	0.761	0.811	0.726	9.76
93)	T	1,2,4-TRICHLOR...				0.100	0.258	0.390	0.522	0.612	0.678	0.752	0.473	49.88
94)	T	HEXACHLOROBUTA...			0.197	0.252	0.262	0.271	0.293	0.278	0.286	0.309	0.269	12.65
95)	T	NAPHTHALENE					0.344	0.622	0.952	1.227	1.406	1.575	1.021	46.36
96)		1,2,3-TRICHLOR...				0.069	0.169	0.261	0.349	0.418	0.474	0.539	0.326	51.91

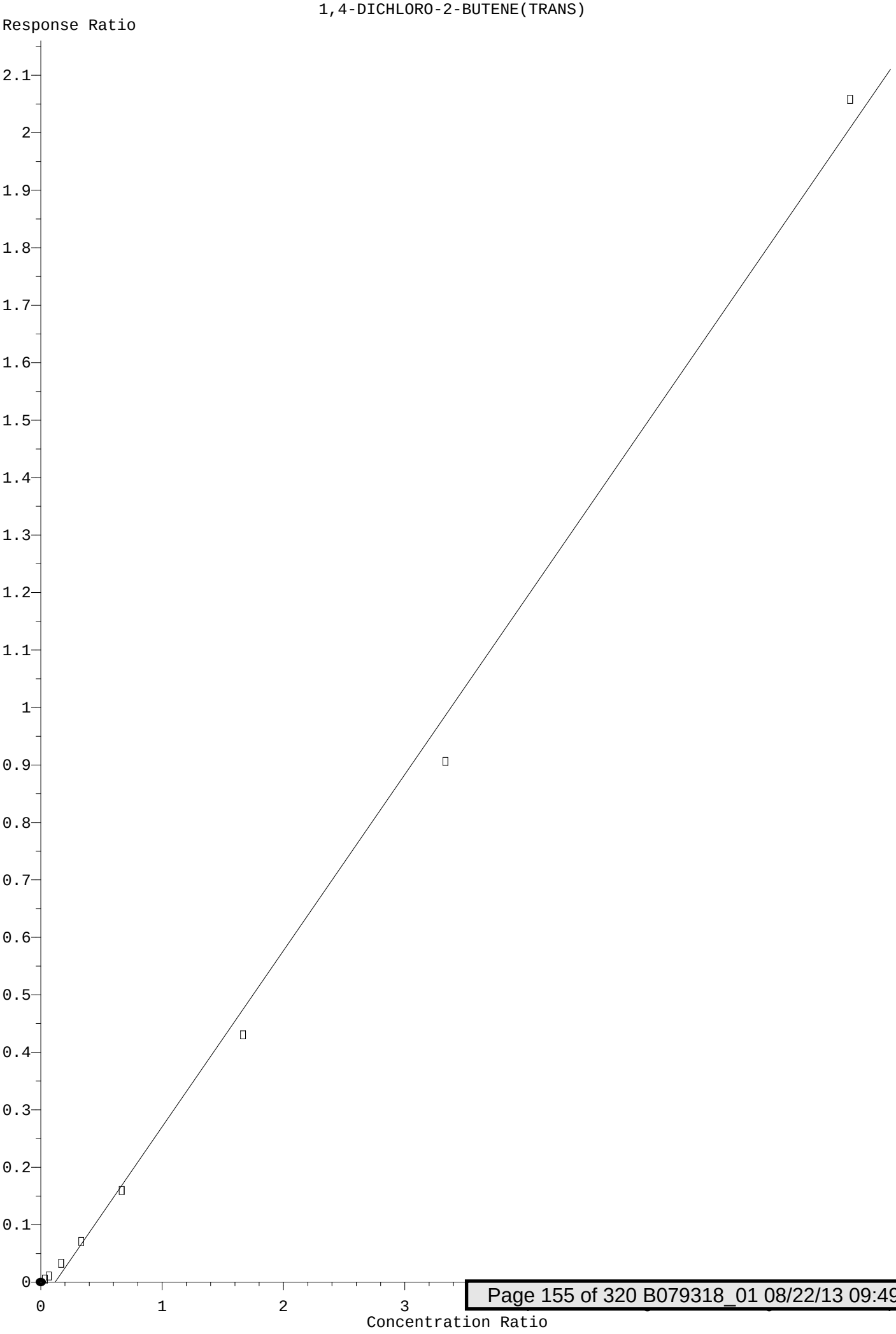
(#) = Out of Range


BROMOMETHANE
Response Ratio
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
1
2
3
Concentration Ratio

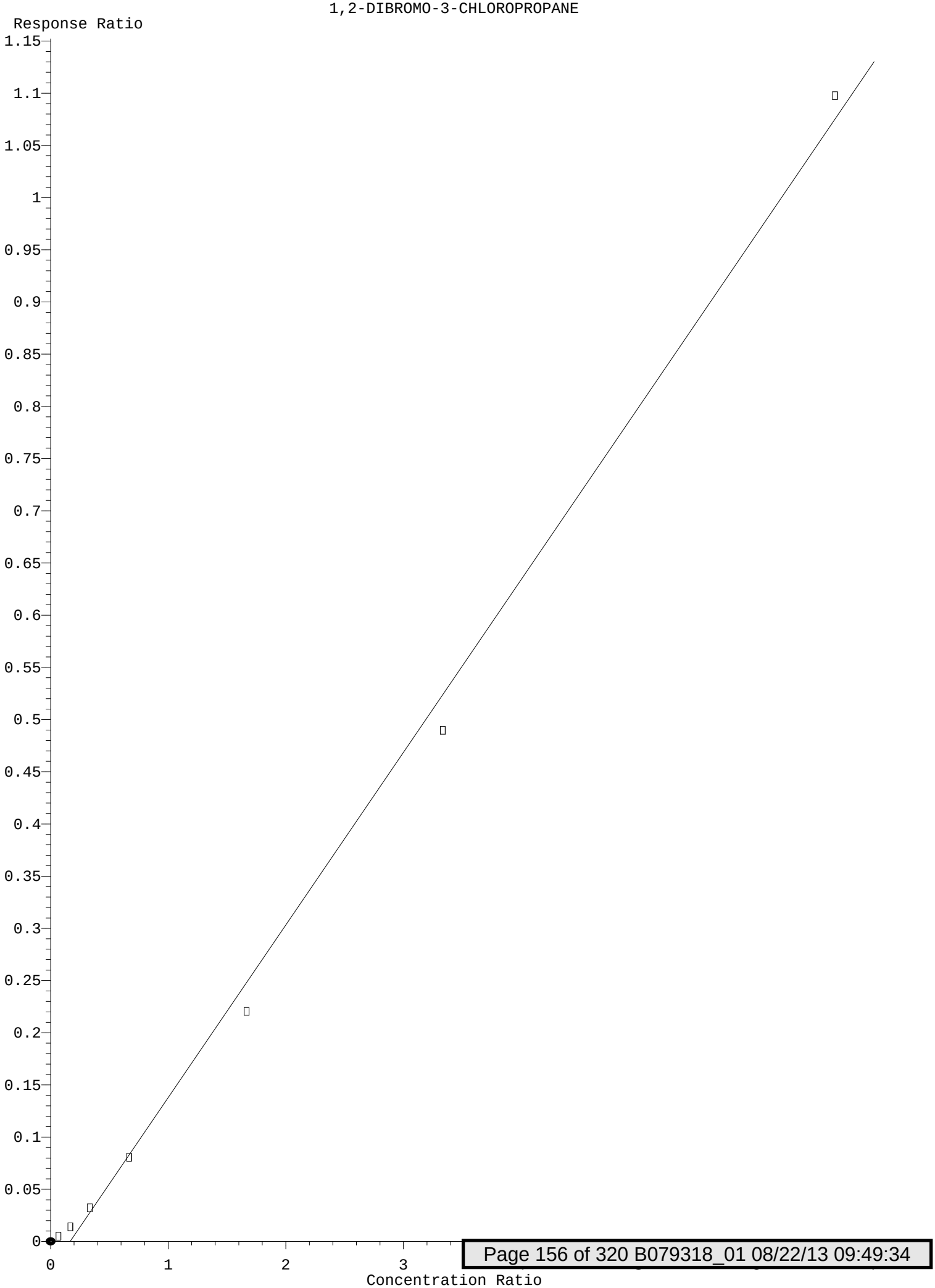
DIBROMOCHLOROMETHANE

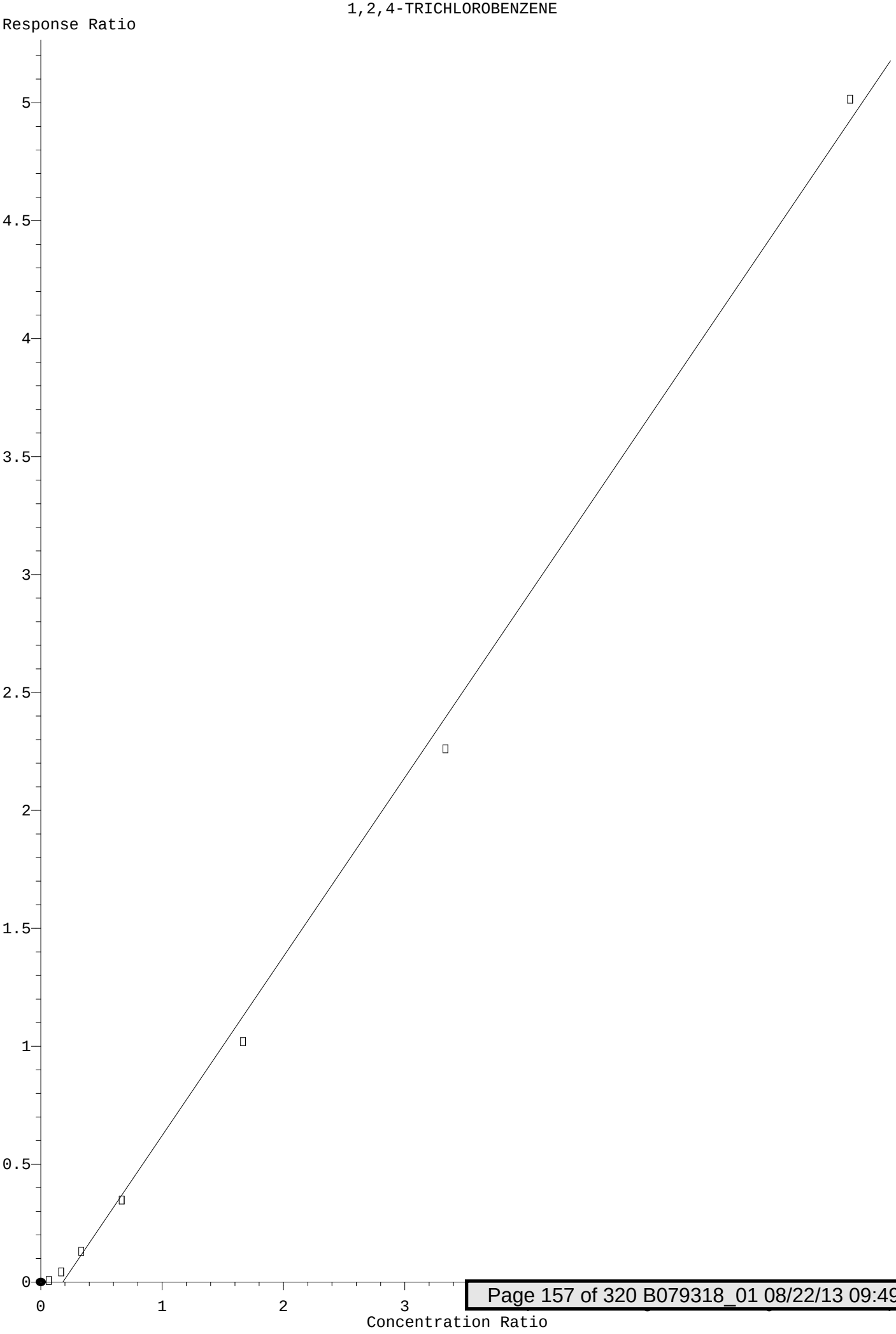


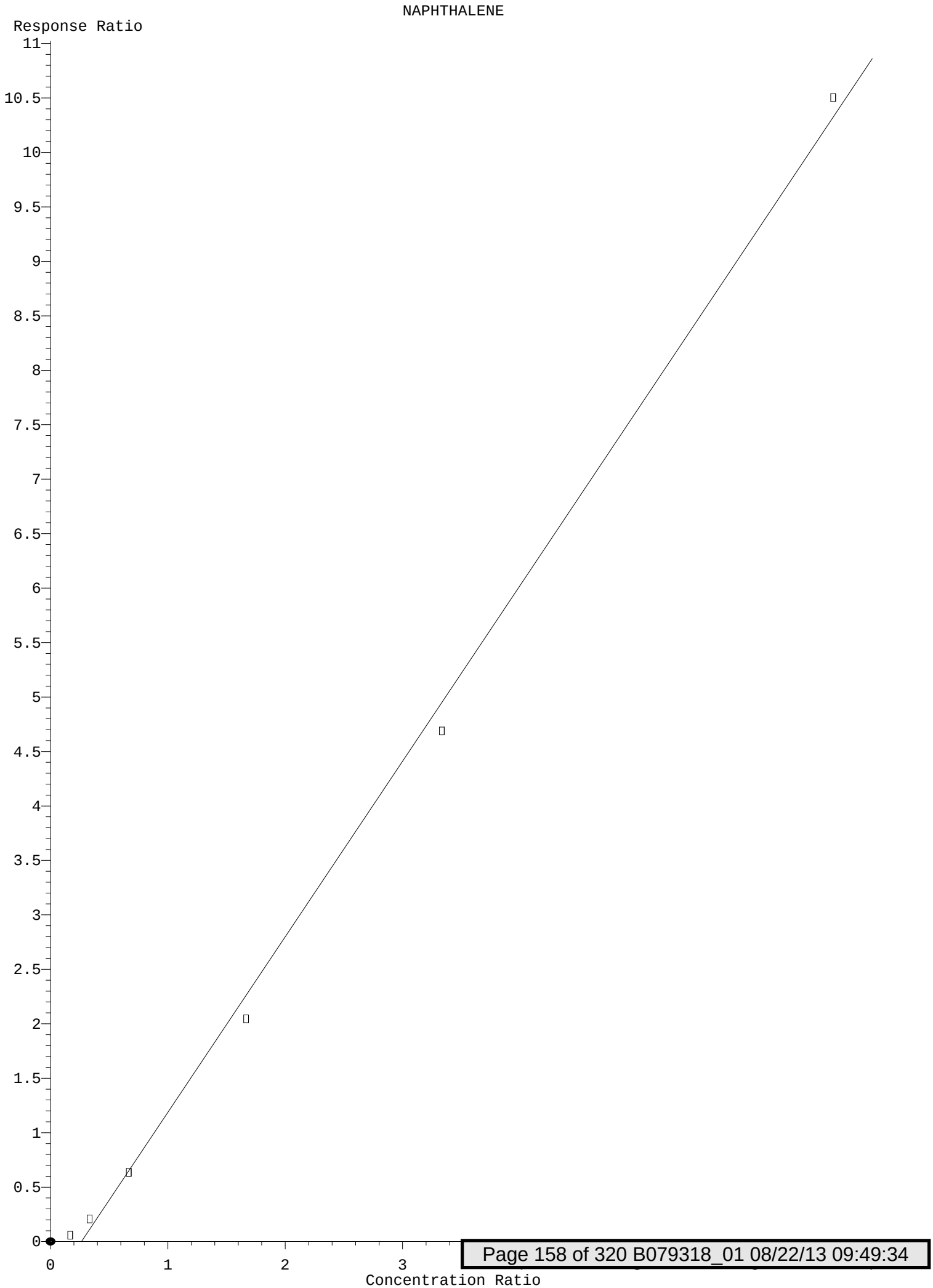

BROMOFORM
Response Ratio
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
Concentration Ratio


1,4-DICHLORO-2-BUTENE(TRANS)
Response Ratio
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
Concentration Ratio

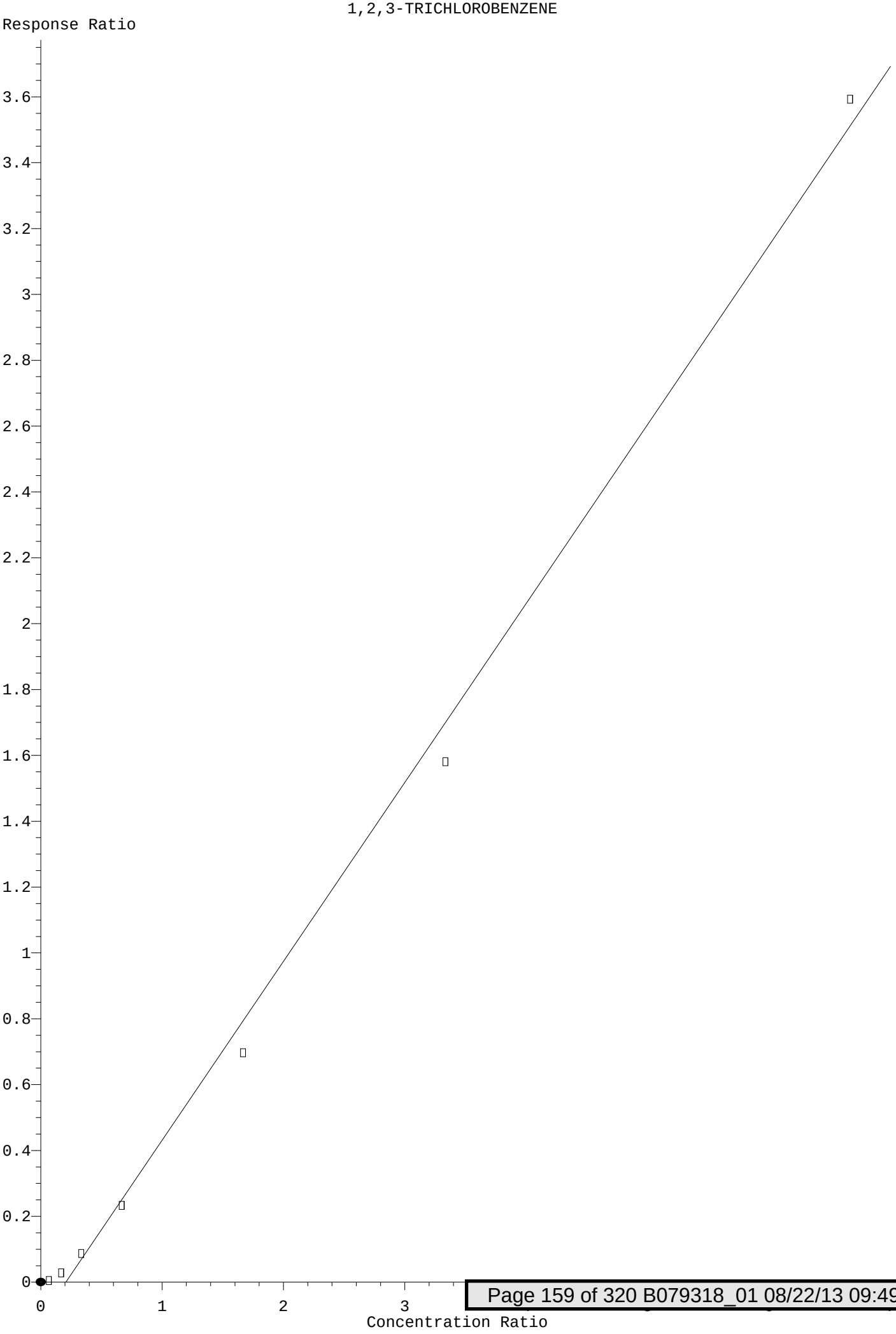
1,2-DIBROMO-3-CHLOROPROPANE




1,2,4-TRICHLOROBENZENE
Response Ratio
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
Concentration Ratio


NAPHTHALENE
Response Ratio
11
10.5
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
Concentration Ratio

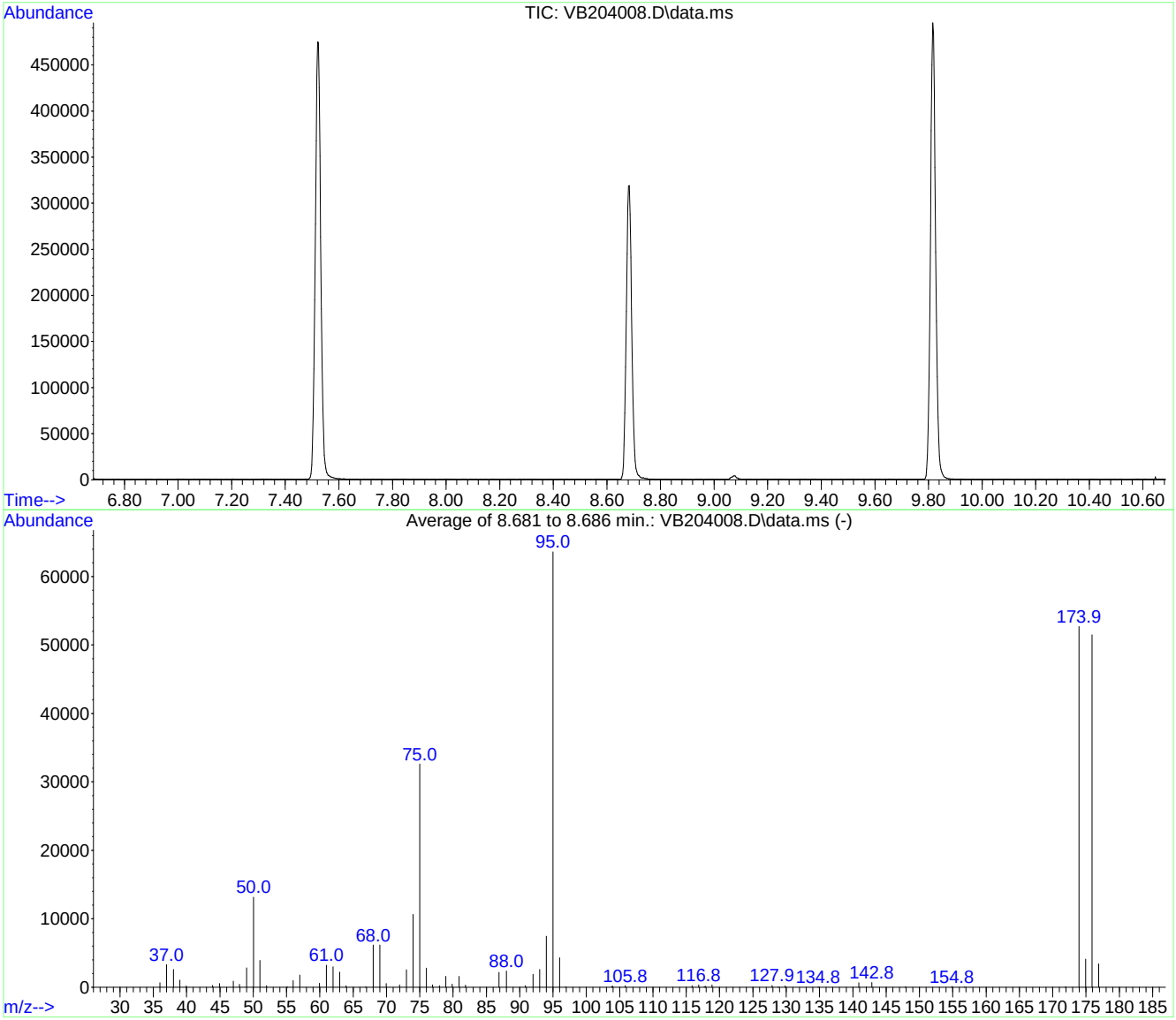
1,2,3-TRICHLOROBENZENE



Data Path : W:\DATA\072313\
Data File : VB204008.D
Acq On : 23 Jul 2013 2:25 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B0703W13.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



AutoFind: Scans 2766, 2767, 2768; Background Corrected with Scan 2753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	13141	PASS
75	95	30	60	51.3	32605	PASS
95	95	100	100	100.0	63597	PASS
96	95	5	9	6.8	4303	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.8	52680	PASS
175	174	5	9	7.8	4092	PASS
176	174	95	101	97.8	51499	PASS
177	176	5	9	6.6	3384	PASS

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204009.D Vial: 9
Acq On : 23 Jul 2013 2:56 pm Operator:
Sample : 8260STD 0.4PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:25:56 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.960	168	156388	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	243174	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	124861	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.819	152	109432	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	86405	32.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.76%#				
43) TOLUENE-D8 SS	6.121	98	236046	24.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.16%				
64) 4-BROMOFLUROBENZENE SS	8.684	95	95593	23.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.44%				
Target Compounds							Qvalue
5) CHLOROMETHANE	1.132	50	640	0.203	UG/L	#	42
8) CHLOROETHANE	1.428	64	105	Below Cal		#	43
9) FLUORODICHLOROMETHANE	1.534	67	584	0.212	UG/L		90
12) DI ETHYL ETHER	1.740	59	681	0.398	UG/L	#	62
13) ACROLEIN	1.829	56	1169	3.389	UG/L	#	95
14) ACETONE	1.927	43	4169	5.845	UG/L		95
15) 1,1-DICHLOROETHENE	1.890	61	249m	0.108	UG/L		
17) IODOMETHANE	1.994	142	2574	1.213	UG/L		92
19) T-BUTYL ALCOHOL	2.325	59	827m	2.839	UG/L		
20) ACRYLONITRILE	2.429	53	146m	0.165	UG/L		
21) METHYLENE CHLORIDE	2.228	49	5365	Below Cal		#	87
22) CARBON DISULFIDE	2.041	76	4764	1.224	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.448	73	1800	0.365	UG/L	#	50
24) TRANS 1,2-DICHLOROETHENE	2.440	61	456m	0.198	UG/L		
25) 1,1-DICHLOROETHANE	2.813	63	818m	0.226	UG/L		
26) VINYL ACETATE	2.878	43	21051	3.692	UG/L	#	90
27) DI ISOPROPYL ETHER	2.894	45	2232	0.321	UG/L	#	50
28) 2-BUTANONE	3.444	43	5431	3.742	UG/L	#	91
29) T-BUTYL ETHYL ETHER	3.279	59	2222	0.342	UG/L	#	41
30) CIS-1,2-DICHLOROETHENE	3.410	61	863	0.262	UG/L	#	30
33) BROMOCHLOROMETHANE	3.642	128	183m	0.169	UG/L		
35) CHLOROFORM	3.737	83	1170	0.352	UG/L		95
36) 1,1,1-TRICHLOROETHANE	3.907	97	354m	0.133	UG/L		
40) BENZENE	4.280	78	2266	0.259	UG/L	#	50
41) T-AMYLMETHYL ETHER	4.417	73	1783	0.318	UG/L	#	73
44) 1,2-DICHLOROETHANE	4.303	62	1236	0.412	UG/L	#	49
45) TRICHLOROETHENE	4.922	95	414m	0.196	UG/L		
47) 1,2-DICHLOROPROPANE	5.139	63	593	0.255	UG/L	#	12
48) DIBROMOMETHANE	5.254	93	332m	0.234	UG/L		
50) BROMODICHLOROMETHANE	5.424	83	563	0.228	UG/L	#	25
51) 2-CHLOROETHYLVINYLETHER	5.750	63	4501	2.579	UG/L		91
52) MIBK	6.043	43	10350	3.597	UG/L		93
53) CIS-1,3-DICHLOROPROPENE	5.873	75	664	0.196	UG/L	#	24
54) TOLUENE	6.185	91	2219	0.232	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	502	0.174	UG/L	#	28
56) ETHYL METHACRYLATE	6.542	41	1372	0.546	UG/L	#	85
57) 1,1,2-TRICHLOROETHANE	6.598	97	610	0.296	UG/L	#	68
58) 2-HEXANONE	6.868	43	6555	3.116	UG/L	#	95
60) 1,3-DICHLOROPROPANE	6.751	76	1081	0.297	UG/L	#	81
61) DIBROMOCHLOROMETHANE	6.969	129	382m	1.964	UG/L		
62) 1,2-DIBROMOETHANE	7.061	107	639	0.288	UG/L	#	99
65) CHLOROBENZENE	7.551	112	1655	0.240	UG/L	#	44
66) 1,1,1,2-TETRACHLOROETHANE	7.632	131	380m	0.174	UG/L		
67) ETHYLBENZENE	7.674	91	2165	0.198	UG/L		99
68) M/P-XYLENES	7.791	91	3675	0.442	UG/L		99
69) 0-XYLENE	8.173	91	1977	0.221	UG/L		93
70) STYRENE	8.196	104	1455	0.196	UG/L	#	86
72) ISOPROPYLBENZENE	8.550	105	1713	0.169	UG/L	#	48
74) 1,1,2,2-TETRACHLOROETHANE	8.854	83	879	0.277	UG/L	#	85

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204009.D Vial: 9
Acq On : 23 Jul 2013 2:56 pm Operator:
Sample : 8260STD 0.4PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:25:56 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

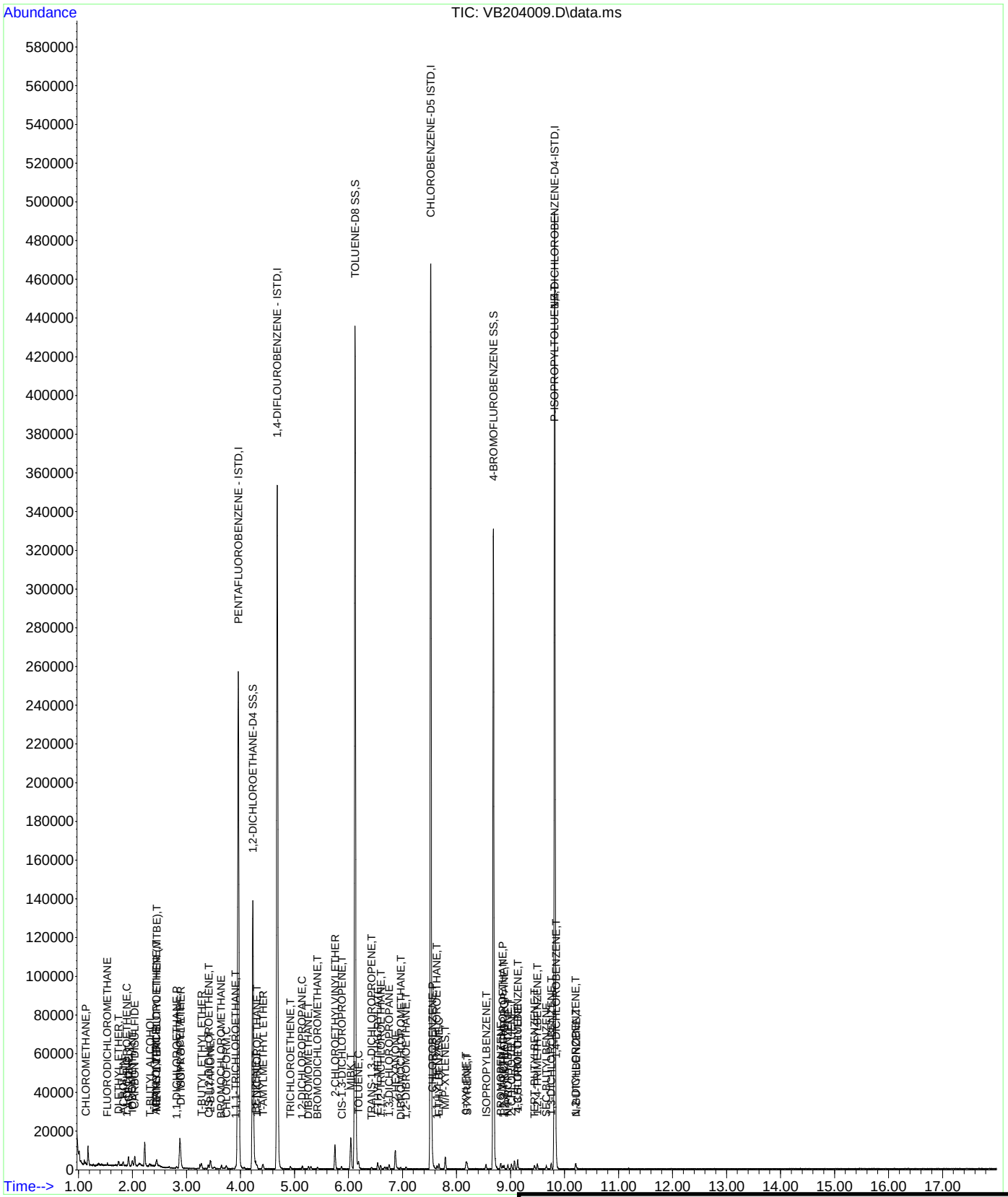
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76)	BROMOBENZENE	8.817	77	1315	0.297	UG/L	#	87
77)	1,2,3-TRICHLOROPROPANE	8.879	110	244m	0.239	UG/L		
78)	N-PROPYLBENZENE	8.951	91	1957	0.177	UG/L	#	51
79)	2-CHLOROT0LUENE	9.015	91	1781	0.236	UG/L	#	42
80)	1,3,5-TRIMETHYLBENZENE	9.135	105	1522	0.180	UG/L		97
81)	4-CHLOROTOLUENE	9.130	91	1784	0.212	UG/L	#	46
83)	TERT-BUTYLBENZENE	9.439	119	1137	0.195	UG/L		95
84)	1,2,4-TRIMETHYLBENZENE	9.495	105	1767	0.238	UG/L	#	86
85)	SEC-BUTYLBENZENE	9.662	105	1365	0.179	UG/L	#	55
86)	1,3-DICHLOROBENZENE	9.754	146	1220	0.267	UG/L	#	73
87)	P-ISOPROPYLTOLUENE	9.810	119	1082	0.161	UG/L	#	54
88)	1,4-DICHLOROBENZENE	9.841	146	1414	0.308	UG/L	#	43
89)	N-BUTYLBENZENE	10.215	91	578	0.118	UG/L	#	31
90)	1,2-DICHLOROBENZENE	10.203	146	1296	0.286	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204009.D Vial: 9
Acq On : 23 Jul 2013 2:56 pm Operator:
Sample : 8260STD 0.4PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:25:56 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204010.D Vial: 10
Acq On : 23 Jul 2013 3:28 pm Operator:
Sample : 8260STD 0.5PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:29:55 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.959	168	155140	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	242009	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	126142	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.815	152	109923	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	85549	32.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.48%#				
43) TOLUENE-D8 SS	6.121	98	235157	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	95616	23.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.48%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	844	0.422	UG/L	#	42
4) DIFLUOROCHLOROMETHANE	1.040	51	1456	0.497	UG/L	#	81
5) CHLOROMETHANE	1.137	50	1253	0.401	UG/L	#	42
6) VINYL CHLORIDE	1.187	62	944	0.420	UG/L	#	43
7) BROMOMETHANE	1.374	94	1342	Below Cal		#	65
8) CHLOROETHANE	1.427	64	498	0.450	UG/L		98
9) FLUORODICHLOROMETHANE	1.536	67	1379	0.505	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.572	101	1090	0.522	UG/L		86
12) DI ETHYL ETHER	1.745	59	963	0.567	UG/L		91
13) ACROLEIN	1.826	56	1725	5.041	UG/L	#	94
14) ACETONE	1.924	43	5609	7.928	UG/L		98
15) 1,1-DICHLOROETHENE	1.890	61	1123	0.489	UG/L	#	75
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	396m	0.329	UG/L		
17) IODOMETHANE	1.996	142	5569	2.644	UG/L		93
18) METHYL ACETATE	2.152	43	1009	0.490	UG/L	#	60
19) T-BUTYL ALCOHOL	2.325	59	1057	3.658	UG/L	#	70
20) ACRYLONITRILE	2.428	53	307m	0.350	UG/L		
21) METHYLENE CHLORIDE	2.228	49	6395	Below Cal			88
22) CARBON DISULFIDE	2.044	76	14947	3.872	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.451	73	2547	0.520	UG/L		94
24) TRANS 1,2-DICHLOROETHENE	2.442	61	1102	0.482	UG/L	#	74
25) 1,1-DICHLOROETHANE	2.819	63	1627	0.452	UG/L	#	90
26) VINYL ACETATE	2.877	43	28896	5.108	UG/L	#	90
27) DI ISOPROPYL ETHER	2.897	45	3673	0.532	UG/L		94
28) 2-BUTANONE	3.443	43	7415	5.149	UG/L	#	93
29) T-BUTYL ETHYL ETHER	3.268	59	3212	0.499	UG/L		95
30) CIS-1,2-DICHLOROETHENE	3.404	61	1641	0.502	UG/L		94
31) 2,2-DICHLOROPROPANE	3.399	77	852	0.406	UG/L	#	48
32) ETHYL ACETATE	3.513	43	1671	0.481	UG/L	#	72
33) BROMOCHLOROMETHANE	3.650	128	413m	0.386	UG/L		
35) CHLOROFORM	3.742	83	1979	0.600	UG/L		94
36) 1,1,1-TRICHLOROETHANE	3.906	97	1145	0.434	UG/L	#	47
37) CYCLOHEXANE	3.954	56	4450	1.284	UG/L	#	49
38) CARBON TETRACHLORIDE	4.065	117	741	0.343	UG/L		97
39) 1,1-DICHLOROPROPENE	4.071	75	1118	0.433	UG/L	#	43
40) BENZENE	4.280	78	4190	0.482	UG/L	#	50
41) T-AMYLMETHYL ETHER	4.414	73	2628	0.472	UG/L	#	89
44) 1,2-DICHLOROETHANE	4.305	62	1793	0.600	UG/L	#	49
45) TRICHLOROETHENE	4.930	95	990	0.471	UG/L		92
46) METHYLCYCLOHEXANE	5.105	83	835	0.383	UG/L	#	71
47) 1,2-DICHLOROPROPANE	5.147	63	1009	0.436	UG/L		94
48) DIBROMOMETHANE	5.256	93	549	0.388	UG/L	#	54
50) BROMODICHLOROMETHANE	5.429	83	951	0.388	UG/L	#	25
51) 2-CHLOROETHYLVINYLETHER	5.752	63	6324	3.641	UG/L		96
52) MIBK	6.042	43	14267	4.982	UG/L	#	93
53) CIS-1,3-DICHLOROPROPENE	5.870	75	1039	0.308	UG/L	#	82
54) TOLUENE	6.187	91	4549	0.477	UG/L		94
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	831	0.289	UG/L	#	28
56) ETHYL METHACRYLATE	6.542	41	1680	0.671	UG/L	#	78

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204010.D Vial: 10
Acq On : 23 Jul 2013 3:28 pm Operator:
Sample : 8260STD 0.5PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:29:55 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

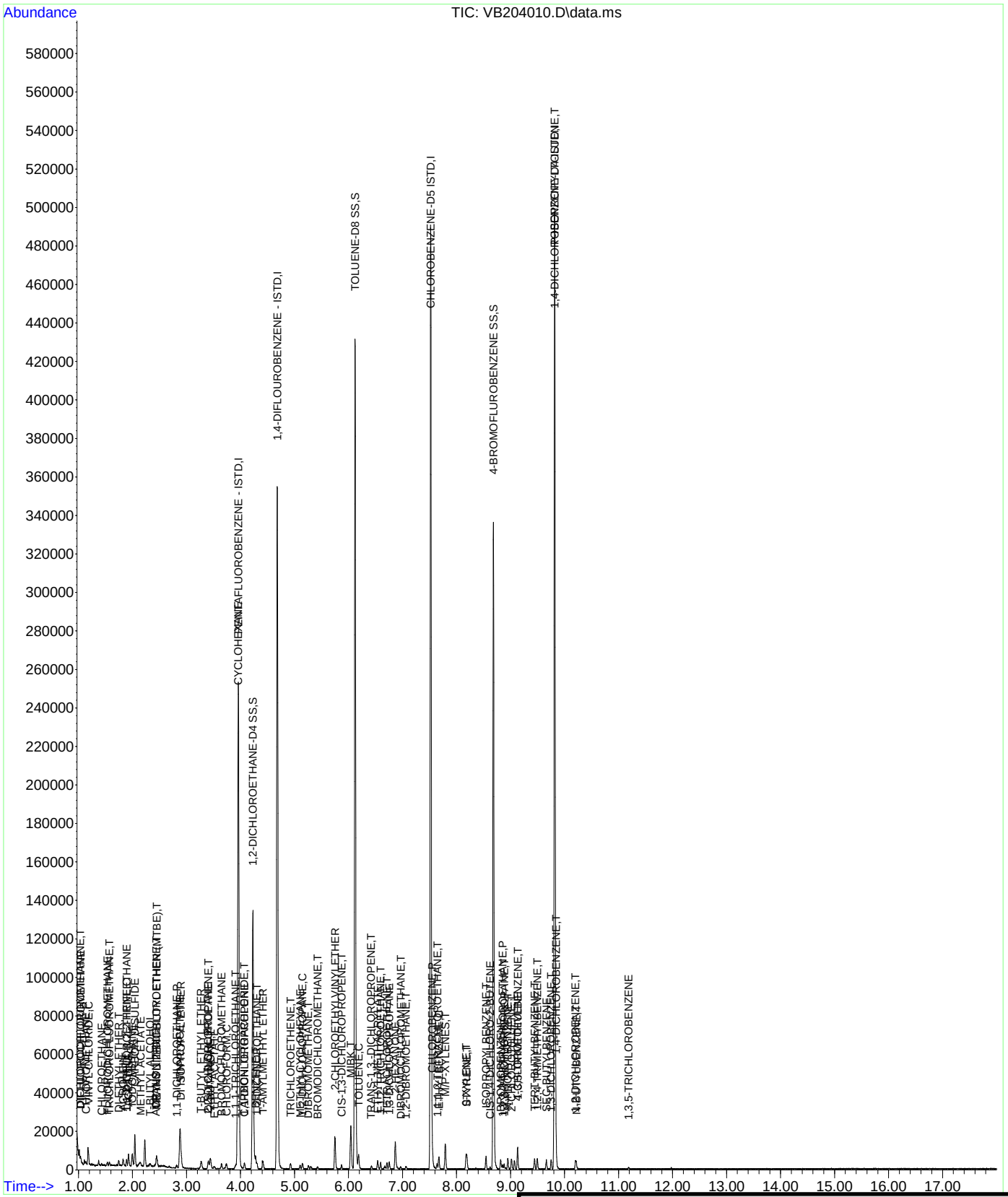
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) 1,1,2-TRICHLOROETHANE	6.595	97	917	0.448	UG/L	#	62
58) 2-HEXANONE	6.865	43	9334	4.458	UG/L	#	96
59) TETRACHLOROETHENE	6.712	164	651	0.387	UG/L		94
60) 1,3-DICHLOROPROPANE	6.756	76	1758	0.486	UG/L		86
61) DIBROMOCHLOROMETHANE	6.968	129	554	2.033	UG/L	#	11
62) 1,2-DIBROMOETHANE	7.060	107	1013	0.460	UG/L	#	89
65) CHLOROBENZENE	7.548	112	2890	0.416	UG/L	#	46
66) 1,1,1,2-TETRACHLOROETHANE	7.643	131	648	0.294	UG/L	#	63
67) ETHYLBENZENE	7.677	91	4530	0.410	UG/L		99
68) M/P-XYLENES	7.794	91	7480	0.890	UG/L		97
69) 0-XYLENE	8.176	91	3543	0.393	UG/L		97
70) STYRENE	8.190	104	2653	0.354	UG/L		94
72) ISOPROPYLBENZENE	8.547	105	3882	0.379	UG/L		95
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	237	3.819	UG/L	#	4
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	1305	0.407	UG/L	#	90
76) BROMOBENZENE	8.814	77	2011	0.450	UG/L		89
77) 1,2,3-TRICHLOROPROPANE	8.884	110	319m	0.309	UG/L		
78) N-PROPYLBENZENE	8.945	91	4426	0.397	UG/L		93
79) 2-CHLOROT0LUENE	9.015	91	3355	0.441	UG/L		96
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	3362	0.393	UG/L		93
81) 4-CHLOROTOLUENE	9.129	91	3503	0.411	UG/L		100
83) TERT-BUTYLBENZENE	9.447	119	2555	0.435	UG/L		97
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	3306	0.444	UG/L		99
85) SEC-BUTYLBENZENE	9.665	105	3385	0.443	UG/L		91
86) 1,3-DICHLOROBENZENE	9.749	146	2106	0.459	UG/L		96
87) P-ISOPROPYLTOLUENE	9.813	119	2792	0.414	UG/L		92
88) 1,4-DICHLOROBENZENE	9.841	146	2184	0.473	UG/L	#	62
89) N-BUTYLBENZENE	10.220	91	1501	0.306	UG/L	#	77
90) 1,2-DICHLOROBENZENE	10.200	146	1972	0.433	UG/L		99
92) 1,3,5-TRICHLOROBENZENE	11.188	180	347m	0.150	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204010.D Vial: 10
Acq On : 23 Jul 2013 3:28 pm Operator:
Sample : 8260STD 0.5PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:29:55 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204011.D Vial: 11
Acq On : 23 Jul 2013 3:59 pm Operator:
Sample : 8260STD 1.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:31:53 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.959	168	152696	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	235536	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	122660	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	110036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	84210	32.63	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.52%#				
43) TOLUENE-D8 SS	6.121	98	233051	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	95469	24.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	2163	1.099	UG/L		93
4) DIFLUOROCHLOROMETHANE	1.040	51	3392	1.176	UG/L	#	89
5) CHLOROMETHANE	1.135	50	2782	0.904	UG/L		99
6) VINYL CHLORIDE	1.190	62	2012	0.909	UG/L		90
7) BROMOMETHANE	1.369	94	1858	Below Cal			98
8) CHLOROETHANE	1.427	64	1062	1.151	UG/L	#	73
9) FLUORODICHLOROMETHANE	1.533	67	3312	1.232	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.572	101	2568	1.250	UG/L		95
12) DI ETHYL ETHER	1.742	59	1988	1.189	UG/L		88
13) ACROLEIN	1.826	56	3590	10.660	UG/L	#	96
14) ACETONE	1.927	43	9700	13.929	UG/L		95
15) 1,1-DICHLOROETHENE	1.888	61	2573	1.138	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	1174	0.992	UG/L		95
17) IODOMETHANE	1.996	142	14887	7.182	UG/L		95
18) METHYL ACETATE	2.155	43	2082	1.027	UG/L		98
19) T-BUTYL ALCOHOL	2.323	59	2356	8.283	UG/L	#	70
20) ACRYLONITRILE	2.426	53	850	0.986	UG/L	#	70
21) METHYLENE CHLORIDE	2.222	49	8037	Below Cal			90
22) CARBON DISULFIDE	2.041	76	35591	9.368	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.451	73	6905	1.433	UG/L		99
24) TRANS 1,2-DICHLOROETHENE	2.445	61	3190	1.417	UG/L		97
25) 1,1-DICHLOROETHANE	2.816	63	4047	1.143	UG/L	#	90
26) VINYL ACETATE	2.877	43	66042	11.861	UG/L	#	90
27) DI ISOPROPYL ETHER	2.897	45	8474	1.247	UG/L		93
28) 2-BUTANONE	3.438	43	16113	11.369	UG/L		97
29) T-BUTYL ETHYL ETHER	3.268	59	7483	1.181	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.405	61	4066	1.263	UG/L		95
31) 2,2-DICHLOROPROPANE	3.402	77	2412	1.166	UG/L	#	78
32) ETHYL ACETATE	3.513	43	3854m	1.128	UG/L		
33) BROMOCHLOROMETHANE	3.644	128	1014	0.962	UG/L	#	85
34) TETRAHYDROFURAN	3.697	42	753m	0.854	UG/L		
35) CHLOROFORM	3.734	83	4368	1.346	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.901	97	2802	1.078	UG/L		94
37) CYCLOHEXANE	3.959	56	6162	1.807	UG/L	#	63
38) CARBON TETRACHLORIDE	4.065	117	2038	0.958	UG/L		91
39) 1,1-DICHLOROPROPENE	4.074	75	2869	1.128	UG/L		95
40) BENZENE	4.277	78	9881	1.155	UG/L		96
41) T-AMYLMETHYL ETHER	4.411	73	5988	1.093	UG/L		94
44) 1,2-DICHLOROETHANE	4.305	62	4085	1.405	UG/L	#	95
45) TRICHLOROETHENE	4.922	95	2126	1.039	UG/L		89
46) METHYLCYCLOHEXANE	5.100	83	1734	0.818	UG/L		94
47) 1,2-DICHLOROPROPANE	5.142	63	2358	1.048	UG/L		90
48) DIBROMOMETHANE	5.259	93	1486	1.080	UG/L		96
50) BROMODICHLOROMETHANE	5.426	83	2396	1.003	UG/L	#	97
51) 2-CHLOROETHYLVINYLETHER	5.747	63	14884	8.804	UG/L		93
52) MIBK	6.040	43	32716	11.737	UG/L		94
53) CIS-1,3-DICHLOROPROPENE	5.870	75	2893	0.882	UG/L	#	77
54) TOLUENE	6.188	91	10248	1.104	UG/L		96
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	2147	0.768	UG/L	#	80

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204011.D Vial: 11
Acq On : 23 Jul 2013 3:59 pm Operator:
Sample : 8260STD 1.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:31:53 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

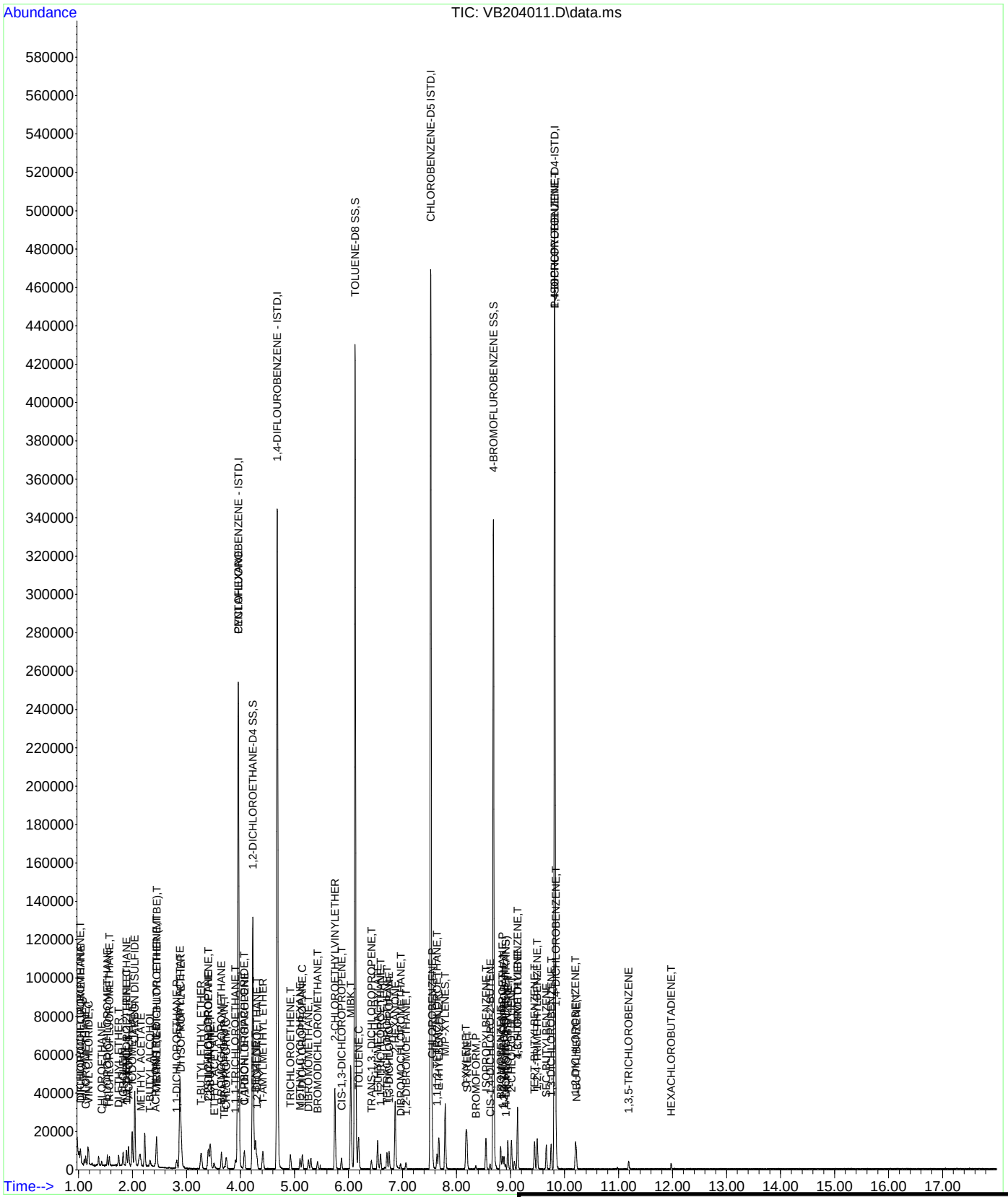
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	ETHYL METHACRYLATE	6.539	41	5260	2.160	UG/L	#	82
57)	1,1,2-TRICHLOROETHANE	6.595	97	2125	1.066	UG/L		93
58)	2-HEXANONE	6.862	43	21681	10.640	UG/L		97
59)	TETRACHLOROETHENE	6.712	164	1692	1.032	UG/L		97
60)	1,3-DICHLOROPROPANE	6.751	76	4139	1.176	UG/L		90
61)	DIBROMOCHLOROMETHANE	6.968	129	1469	2.410	UG/L		96
62)	1,2-DIBROMOETHANE	7.066	107	2317	1.080	UG/L	#	99
65)	CHLOROBENZENE	7.548	112	6995	1.035	UG/L		90
66)	1,1,1,2-TETRACHLOROETHANE	7.638	131	1601	0.748	UG/L	#	90
67)	ETHYLBENZENE	7.674	91	10975	1.021	UG/L		99
68)	M/P-XYLENES	7.791	91	17354	2.123	UG/L		100
69)	0-XYLENE	8.170	91	8908	1.015	UG/L		96
70)	STYRENE	8.195	104	6735	0.925	UG/L		93
71)	BROMOFORM	8.357	173	934	3.257	UG/L	#	31
72)	ISOPROPYLBENZENE	8.547	105	9974	1.003	UG/L		95
73)	CIS-1,4-DICHLORO-2-BUTENE	8.625	53	666	4.190	UG/L	#	48
74)	1,1,2,2-TETRACHLOROETHANE	8.848	83	2910	0.934	UG/L	#	95
75)	1,4-DICHLORO-2-BUTENE(...	8.912	53	644	3.854	UG/L	#	28
76)	BROMOBENZENE	8.814	77	4813	1.108	UG/L		93
77)	1,2,3-TRICHLOROPROPANE	8.881	110	1060	1.057	UG/L		97
78)	N-PROPYLBENZENE	8.948	91	10569	0.975	UG/L		96
79)	2-CHLOROT0LUENE	9.015	91	7979	1.078	UG/L		97
80)	1,3,5-TRIMETHYLBENZENE	9.130	105	8328	1.000	UG/L		96
81)	4-CHLOROTOLUENE	9.130	91	8910	1.076	UG/L		99
83)	TERT-BUTYLBENZENE	9.445	119	6303	1.073	UG/L		96
84)	1,2,4-TRIMETHYLBENZENE	9.492	105	8432	1.130	UG/L		97
85)	SEC-BUTYLBENZENE	9.659	105	8454	1.105	UG/L		91
86)	1,3-DICHLOROBENZENE	9.751	146	4844	1.055	UG/L		99
87)	P-ISOPROPYLTOLUENE	9.816	119	6726	0.997	UG/L		98
88)	1,4-DICHLOROBENZENE	9.838	146	4989	1.079	UG/L		87
89)	N-BUTYLBENZENE	10.220	91	4030	0.820	UG/L		98
90)	1,2-DICHLOROBENZENE	10.200	146	4947	1.085	UG/L		96
92)	1,3,5-TRICHLOROBENZENE	11.188	180	1423	0.614	UG/L		97
94)	HEXACHLOROBUTADIENE	11.977	225	723m	0.966	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204011.D Vial: 11
Acq On : 23 Jul 2013 3:59 pm Operator:
Sample : 8260STD 1.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:31:53 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204012.D Vial: 12
Acq On : 23 Jul 2013 4:31 pm Operator:
Sample : 8260STD 2.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:33:48 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	152509	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	236728	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	122959	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	111213	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	85856	33.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 133.24%#				
43) TOLUENE-D8 SS	6.121	98	231737	25.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	94916	24.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.20%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	5575	2.837	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.042	51	7808	2.711	UG/L	#	91
5) CHLOROMETHANE	1.132	50	5842	1.901	UG/L		98
6) VINYL CHLORIDE	1.187	62	4552	2.059	UG/L		97
7) BROMOMETHANE	1.371	94	2997	Below Cal			99
8) CHLOROETHANE	1.427	64	2212	2.563	UG/L	#	87
9) FLUORODICHLOROMETHANE	1.533	67	6905	2.572	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.572	101	5915	2.882	UG/L		98
11) ETHANOL	1.675	45	423	3.303	UG/L	#	44
12) DI ETHYL ETHER	1.740	59	3424	2.050	UG/L	#	84
13) ACROLEIN	1.826	56	6793	20.196	UG/L	#	99
14) ACETONE	1.924	43	17184	24.706	UG/L		96
15) 1,1-DICHLOROETHENE	1.887	61	5739	2.542	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	2985	2.525	UG/L		96
17) IODOMETHANE	1.993	142	35735	17.262	UG/L		95
18) METHYL ACETATE	2.155	43	4124	2.036	UG/L		93
19) T-BUTYL ALCOHOL	2.328	59	4596	16.179	UG/L	#	70
20) ACRYLONITRILE	2.426	53	2532	2.940	UG/L	#	75
21) METHYLENE CHLORIDE	2.225	49	9442	Below Cal		#	85
22) CARBON DISULFIDE	2.041	76	83184	21.922	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.448	73	14146	2.939	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.440	61	7016	3.120	UG/L		95
25) 1,1-DICHLOROETHANE	2.819	63	9031	2.553	UG/L		97
26) VINYL ACETATE	2.877	43	125676	22.600	UG/L	#	91
27) DI ISOPROPYL ETHER	2.900	45	16492	2.429	UG/L		99
28) 2-BUTANONE	3.438	43	31751	22.430	UG/L		96
29) T-BUTYL ETHYL ETHER	3.268	59	14962	2.365	UG/L		100
30) CIS-1,2-DICHLOROETHENE	3.404	61	8440	2.624	UG/L		97
31) 2,2-DICHLOROPROPANE	3.399	77	5060	2.450	UG/L		98
32) ETHYL ACETATE	3.510	43	7606m	2.229	UG/L		
33) BROMOCHLOROMETHANE	3.644	128	2301	2.185	UG/L		98
34) TETRAHYDROFURAN	3.711	42	1806	2.051	UG/L	#	65
35) CHLOROFORM	3.736	83	8823	2.722	UG/L		98
36) 1,1,1-TRICHLOROETHANE	3.906	97	6436	2.480	UG/L		98
37) CYCLOHEXANE	3.954	56	10335	3.034	UG/L	#	76
38) CARBON TETRACHLORIDE	4.065	117	4868	2.290	UG/L		95
39) 1,1-DICHLOROPROPENE	4.076	75	6393	2.517	UG/L		98
40) BENZENE	4.280	78	20171	2.362	UG/L		96
41) T-AMYLMETHYL ETHER	4.417	73	12086	2.209	UG/L		96
44) 1,2-DICHLOROETHANE	4.302	62	8432	2.886	UG/L		97
45) TRICHLOROETHENE	4.924	95	4917	2.392	UG/L		98
46) METHYLCYCLOHEXANE	5.100	83	4693	2.202	UG/L		94
47) 1,2-DICHLOROPROPANE	5.147	63	5088	2.250	UG/L		90
48) DIBROMOMETHANE	5.253	93	3103	2.243	UG/L		94
50) BROMODICHLOROMETHANE	5.423	83	5006	2.086	UG/L	#	97
51) 2-CHLOROETHYLVINYLETHER	5.747	63	29277	17.231	UG/L		91
52) MIBK	6.040	43	64958	23.188	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.870	75	6097	1.850	UG/L		88
54) TOLUENE	6.185	91	20959	2.247	UG/L		99

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204012.D Vial: 12
Acq On : 23 Jul 2013 4:31 pm Operator:
Sample : 8260STD 2.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:33:48 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

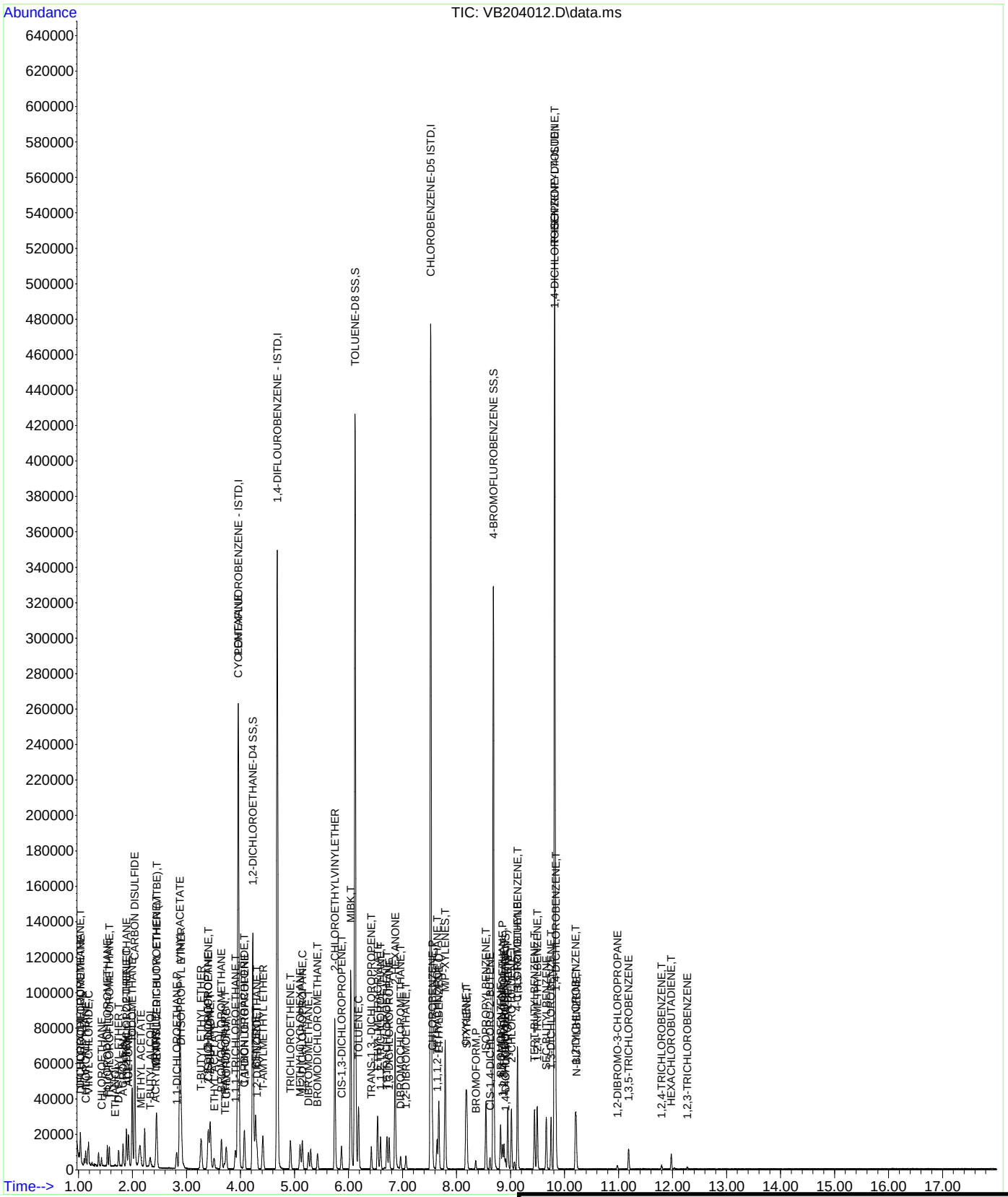
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	4600	1.637	UG/L		91
56) ETHYL METHACRYLATE	6.536	41	10188	4.162	UG/L	#	80
57) 1,1,2-TRICHLOROETHANE	6.595	97	4513	2.252	UG/L		99
58) 2-HEXANONE	6.862	43	43678	21.326	UG/L		96
59) TETRACHLOROETHENE	6.709	164	3889	2.361	UG/L		97
60) 1,3-DICHLOROPROPANE	6.751	76	8255	2.333	UG/L		89
61) DIBROMOCHLOROMETHANE	6.963	129	3309	3.150	UG/L		99
62) 1,2-DIBROMOETHANE	7.060	107	4872	2.259	UG/L	#	95
65) CHLOROBENZENE	7.551	112	13855	2.044	UG/L		90
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	3716	1.732	UG/L		97
67) ETHYLBENZENE	7.671	91	23055	2.140	UG/L		98
68) M/P-XYLENES	7.791	91	36742	4.484	UG/L		97
69) 0-XYLENE	8.173	91	18553	2.110	UG/L		98
70) STYRENE	8.190	104	14513	1.989	UG/L		91
71) BROMOFORM	8.357	173	1900	3.731	UG/L	#	97
72) ISOPROPYLBENZENE	8.544	105	21565	2.162	UG/L		99
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	1523	4.916	UG/L	#	61
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	6056	1.939	UG/L		97
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	1327	4.444	UG/L	#	28
76) BROMOBENZENE	8.814	77	9744	2.238	UG/L		95
77) 1,2,3-TRICHLOROPROPANE	8.879	110	1979	1.968	UG/L		73
78) N-PROPYLBENZENE	8.948	91	23142	2.130	UG/L		96
79) 2-CHLOROT0LUENE	9.018	91	16849	2.270	UG/L		100
80) 1,3,5-TRIMETHYLBENZENE	9.129	105	18101	2.169	UG/L		99
81) 4-CHLOROTOLUENE	9.124	91	18579	2.238	UG/L		100
83) TERT-BUTYLBENZENE	9.445	119	14335	2.414	UG/L		94
84) 1,2,4-TRIMETHYLBENZENE	9.498	105	18574	2.464	UG/L		98
85) SEC-BUTYLBENZENE	9.662	105	19318	2.497	UG/L		95
86) 1,3-DICHLOROBENZENE	9.749	146	10606	2.286	UG/L		96
87) P-ISOPROPYLTOLUENE	9.813	119	15666	2.298	UG/L		98
88) 1,4-DICHLOROBENZENE	9.838	146	10306	2.205	UG/L	#	89
89) N-BUTYLBENZENE	10.220	91	10300	2.075	UG/L		96
90) 1,2-DICHLOROBENZENE	10.203	146	10333	2.243	UG/L		95
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	547	5.217	UG/L	#	4
92) 1,3,5-TRICHLOROBENZENE	11.185	180	3516	1.500	UG/L		85
93) 1,2,4-TRICHLOROBENZENE	11.793	180	742	3.076	UG/L	#	70
94) HEXACHLOROBUTADIENE	11.974	225	1866	2.467	UG/L	#	89
96) 1,2,3-TRICHLOROBENZENE	12.272	180	510	4.383	UG/L	#	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204012.D Vial: 12
Acq On : 23 Jul 2013 4:31 pm Operator:
Sample : 8260STD 2.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:33:48 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204013.D Vial: 13
Acq On : 23 Jul 2013 5:02 pm Operator:
Sample : 8260STD 5.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:05:44 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	149544	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	234593	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	120591	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	112602	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	83157	32.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 131.60%#				
43) TOLUENE-D8 SS	6.121	98	228111	24.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	93672	24.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.84%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	13415	6.961	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	18879	6.686	UG/L		93
5) CHLOROMETHANE	1.135	50	15345	5.092	UG/L		98
6) VINYL CHLORIDE	1.188	62	11563	5.335	UG/L		96
7) BROMOMETHANE	1.363	94	6568m	19.729	UG/L		
8) CHLOROETHANE	1.422	64	5295	6.473	UG/L	#	87
9) FLUORODICHLOROMETHANE	1.533	67	17389	6.606	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	14542	7.226	UG/L		99
11) ETHANOL	1.681	45	1043	28.059	UG/L	#	82
12) DI ETHYL ETHER	1.740	59	8258	5.043	UG/L	#	85
13) ACROLEIN	1.823	56	16964	51.434	UG/L	#	99
14) ACETONE	1.924	43	39545	57.983	UG/L		95
15) 1,1-DICHLOROETHENE	1.887	61	13885	6.273	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	7100	6.126	UG/L		96
17) IODOMETHANE	1.991	142	106153	52.293	UG/L		96
18) METHYL ACETATE	2.155	43	9835	4.953	UG/L		93
19) T-BUTYL ALCOHOL	2.325	59	12089	43.399	UG/L	#	100
20) ACRYLONITRILE	2.423	53	6127	7.254	UG/L		96
21) METHYLENE CHLORIDE	2.225	49	16820	3.029	UG/L		87
22) CARBON DISULFIDE	2.038	76	217956	58.578	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.448	73	33958	7.194	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.440	61	18293	8.296	UG/L		98
25) 1,1-DICHLOROETHANE	2.813	63	22157	6.388	UG/L		99
26) VINYL ACETATE	2.875	43	305904	56.100	UG/L	#	91
27) DI ISOPROPYL ETHER	2.897	45	41391	6.217	UG/L		100
28) 2-BUTANONE	3.438	43	73972	53.293	UG/L		97
29) T-BUTYL ETHYL ETHER	3.271	59	37331	6.017	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.405	61	20642	6.546	UG/L		94
31) 2,2-DICHLOROPROPANE	3.396	77	13378	6.606	UG/L		98
32) ETHYL ACETATE	3.505	43	17080	5.104	UG/L		98
33) BROMOCHLOROMETHANE	3.644	128	5644	5.466	UG/L		97
34) TETRAHYDROFURAN	3.703	42	4303	4.983	UG/L	#	96
35) CHLOROFORM	3.734	83	21634	6.806	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.904	97	16663	6.549	UG/L		99
37) CYCLOHEXANE	3.957	56	20345	6.090	UG/L	#	85
38) CARBON TETRACHLORIDE	4.065	117	13143	6.306	UG/L		96
39) 1,1-DICHLOROPROPENE	4.071	75	15857	6.367	UG/L		98
40) BENZENE	4.277	78	49533	5.914	UG/L		97
41) T-AMYLMETHYL ETHER	4.414	73	29893	5.572	UG/L		98
44) 1,2-DICHLOROETHANE	4.300	62	20239	6.990	UG/L		96
45) TRICHLOROETHENE	4.922	95	12226	6.001	UG/L		97
46) METHYLCYCLOHEXANE	5.106	83	11689	5.535	UG/L		91
47) 1,2-DICHLOROPROPANE	5.142	63	12916	5.764	UG/L	#	88
48) DIBROMOMETHANE	5.256	93	7832	5.713	UG/L		95
49) 1,4-DIOXANE	5.298	88	951	25.237	UG/L	#	62
50) BROMODICHLOROMETHANE	5.426	83	13540	5.692	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.744	63	73365	43.572	UG/L		91
52) MIBK	6.040	43	154996	55.831	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.870	75	16708	5.115	UG/L		88

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204013.D Vial: 13
Acq On : 23 Jul 2013 5:02 pm Operator:
Sample : 8260STD 5.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:05:44 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

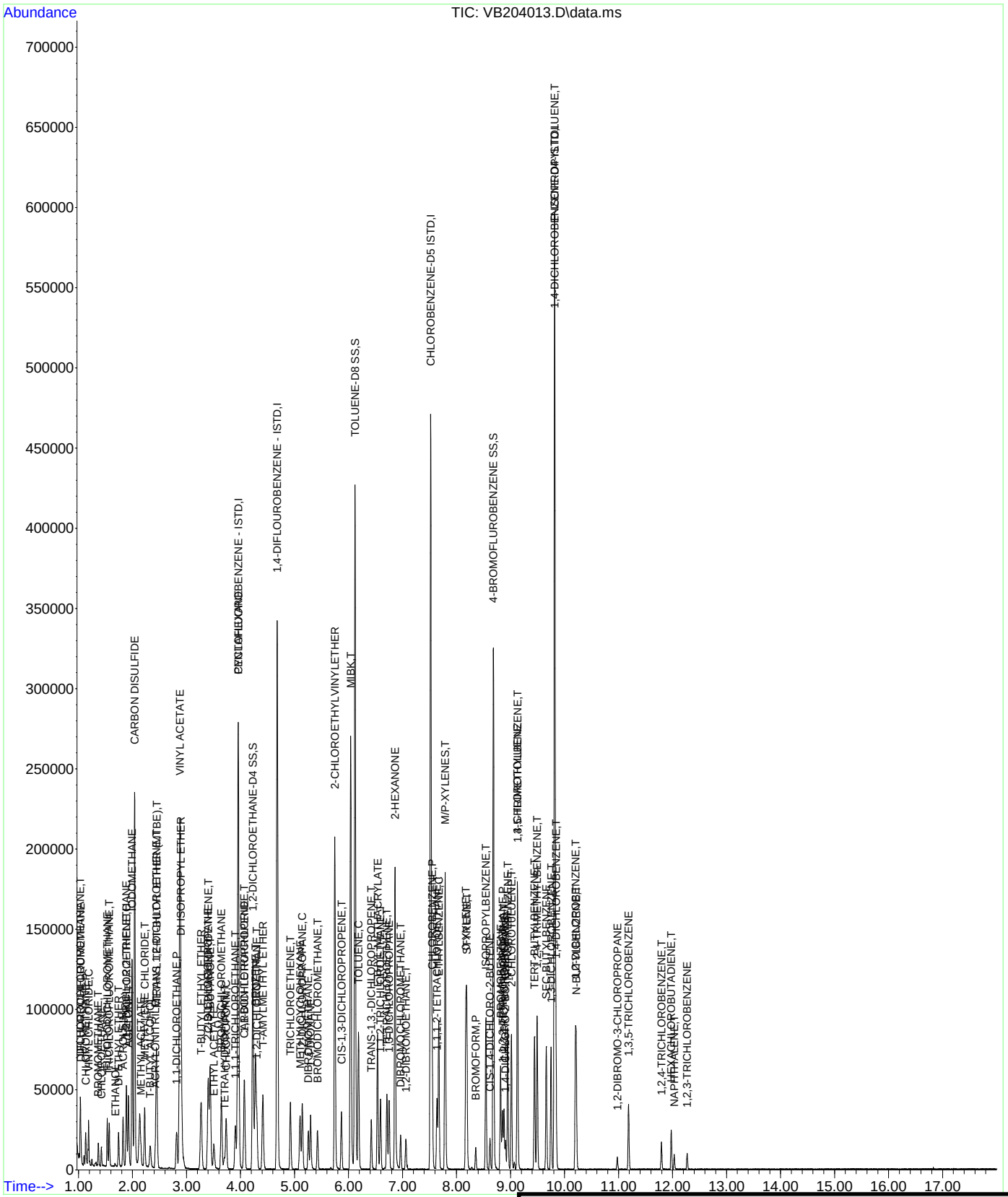
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) TOLUENE	6.185	91	51000	5.517	UG/L		97
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	13217	4.747	UG/L		89
56) ETHYL METHACRYLATE	6.536	41	27389	11.291	UG/L	#	81
57) 1,1,2-TRICHLOROETHANE	6.589	97	11269	5.674	UG/L		100
58) 2-HEXANONE	6.860	43	109766	54.082	UG/L		97
59) TETRACHLOROETHENE	6.709	164	9246	5.664	UG/L		96
60) 1,3-DICHLOROPROPANE	6.751	76	20591	5.873	UG/L		88
61) DIBROMOCHLOROMETHANE	6.963	129	9264	5.587	UG/L		98
62) 1,2-DIBROMOETHANE	7.063	107	11776	5.511	UG/L	#	98
65) CHLOROBENZENE	7.548	112	34648	5.212	UG/L		99
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	10016	4.761	UG/L		96
67) ETHYLBENZENE	7.674	91	56133	5.312	UG/L		99
68) M/P-XYLENES	7.791	91	89699	11.161	UG/L		99
69) 0-XYLENE	8.173	91	46974	5.447	UG/L		98
70) STYRENE	8.190	104	37038	5.175	UG/L		92
71) BROMOFORM	8.354	173	5458	5.531	UG/L	#	97
72) ISOPROPYLBENZENE	8.544	105	53460	5.466	UG/L		97
73) CIS-1,4-DICHLORO-2-BUTENE	8.616	53	4292	7.339	UG/L	#	73
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	15148	4.944	UG/L		98
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	3938	6.772	UG/L	#	72
76) BROMOBENZENE	8.814	77	23670	5.544	UG/L		95
77) 1,2,3-TRICHLOROPROPANE	8.879	110	4929	4.999	UG/L		72
78) N-PROPYLBENZENE	8.948	91	56983	5.347	UG/L		98
79) 2-CHLOROT0LUENE	9.015	91	40999	5.633	UG/L		99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	46708	5.706	UG/L		97
81) 4-CHLOROTOLUENE	9.127	91	45741	5.618	UG/L		99
83) TERT-BUTYLBENZENE	9.445	119	35151	5.847	UG/L		95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	46913	6.146	UG/L		99
85) SEC-BUTYLBENZENE	9.662	105	47392	6.051	UG/L		95
86) 1,3-DICHLOROBENZENE	9.751	146	26154	5.568	UG/L		98
87) P-ISOPROPYLTOLUENE	9.813	119	39411	5.709	UG/L		98
88) 1,4-DICHLOROBENZENE	9.841	146	25700	5.432	UG/L		96
89) N-BUTYLBENZENE	10.217	91	29070	5.784	UG/L		97
90) 1,2-DICHLOROBENZENE	10.203	146	26471	5.674	UG/L		97
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	1584	7.291	UG/L		93
92) 1,3,5-TRICHLOROBENZENE	11.185	180	11587	4.883	UG/L		100
93) 1,2,4-TRICHLOROBENZENE	11.796	180	4835	4.840	UG/L		98
94) HEXACHLOROBUTADIENE	11.977	225	4926	6.431	UG/L		98
95) NAPHTHALENE	12.030	128	6463	4.257	UG/L	#	95
96) 1,2,3-TRICHLOROBENZENE	12.267	180	3169	6.116	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204013.D Vial: 13
Acq On : 23 Jul 2013 5:02 pm Operator:
Sample : 8260STD 5.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:05:44 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204014.D Vial: 14
Acq On : 23 Jul 2013 5:34 pm Operator:
Sample : 8260STD 10PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:07:28 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	148780	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	229365	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	121150	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	113071	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	82302	32.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.92%#				
43) TOLUENE-D8 SS	6.121	98	227365	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	94428	24.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.16%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	26086	13.605	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	36624	13.036	UG/L		94
5) CHLOROMETHANE	1.132	50	28907	9.641	UG/L		99
6) VINYL CHLORIDE	1.188	62	22519	10.442	UG/L		100
7) BROMOMETHANE	1.361	94	10461m	43.687	UG/L		
8) CHLOROETHANE	1.419	64	10506	13.058	UG/L		93
9) FLUORODICHLOROMETHANE	1.531	67	33783	12.899	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.567	101	28788	14.379	UG/L		98
11) ETHANOL	1.681	45	1983	65.501	UG/L	#	82
12) DI ETHYL ETHER	1.740	59	15737	9.659	UG/L	#	85
13) ACROLEIN	1.823	56	34229	104.314	UG/L	#	98
14) ACETONE	1.927	43	73370	108.132	UG/L		93
15) 1,1-DICHLOROETHENE	1.888	61	27748	12.600	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	13538	11.740	UG/L		99
17) IODOMETHANE	1.991	142	222050	109.949	UG/L		96
18) METHYL ACETATE	2.150	43	20067	10.158	UG/L		93
19) T-BUTYL ALCOHOL	2.331	59	23299	84.071	UG/L	#	100
20) ACRYLONITRILE	2.426	53	11942	14.212	UG/L		95
21) METHYLENE CHLORIDE	2.222	49	27885	8.397	UG/L		86
22) CARBON DISULFIDE	2.038	76	439230	118.655	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.448	73	66519	14.164	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.437	61	34581	15.764	UG/L		98
25) 1,1-DICHLOROETHANE	2.816	63	42297	12.258	UG/L		99
26) VINYL ACETATE	2.875	43	569301	104.940	UG/L	#	91
27) DI ISOPROPYL ETHER	2.894	45	76305	11.520	UG/L		100
28) 2-BUTANONE	3.435	43	145027	105.021	UG/L		96
29) T-BUTYL ETHYL ETHER	3.268	59	71520	11.586	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.402	61	38985	12.426	UG/L		92
31) 2,2-DICHLOROPROPANE	3.399	77	26668	13.235	UG/L		98
32) ETHYL ACETATE	3.508	43	33348	10.016	UG/L		99
33) BROMOCHLOROMETHANE	3.644	128	11118	10.822	UG/L		95
34) TETRAHYDROFURAN	3.700	42	8260	9.614	UG/L	#	93
35) CHLOROFORM	3.734	83	41703	13.188	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.904	97	33530	13.245	UG/L		97
37) CYCLOHEXANE	3.954	56	36431	10.962	UG/L	#	89
38) CARBON TETRACHLORIDE	4.066	117	26685	12.869	UG/L		100
39) 1,1-DICHLOROPROPENE	4.071	75	31186	12.586	UG/L		97
40) BENZENE	4.277	78	93365	11.205	UG/L		96
41) T-AMYLMETHYL ETHER	4.411	73	58997	11.053	UG/L		98
44) 1,2-DICHLOROETHANE	4.303	62	39649	14.005	UG/L		96
45) TRICHLOROETHENE	4.924	95	23437	11.766	UG/L		96
46) METHYLCYCLOHEXANE	5.103	83	22855	11.069	UG/L		90
47) 1,2-DICHLOROPROPANE	5.145	63	24344	11.112	UG/L	#	87
48) DIBROMOMETHANE	5.253	93	15191	11.334	UG/L		95
49) 1,4-DIOXANE	5.301	88	2032	55.152	UG/L	#	82
50) BROMODICHLOROMETHANE	5.424	83	27383	11.775	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.744	63	140434	85.307	UG/L		91
52) MIBK	6.040	43	299783	110.446	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.867	75	34147	10.692	UG/L	#	86

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204014.D Vial: 14
Acq On : 23 Jul 2013 5:34 pm Operator:
Sample : 8260STD 10PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:07:28 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

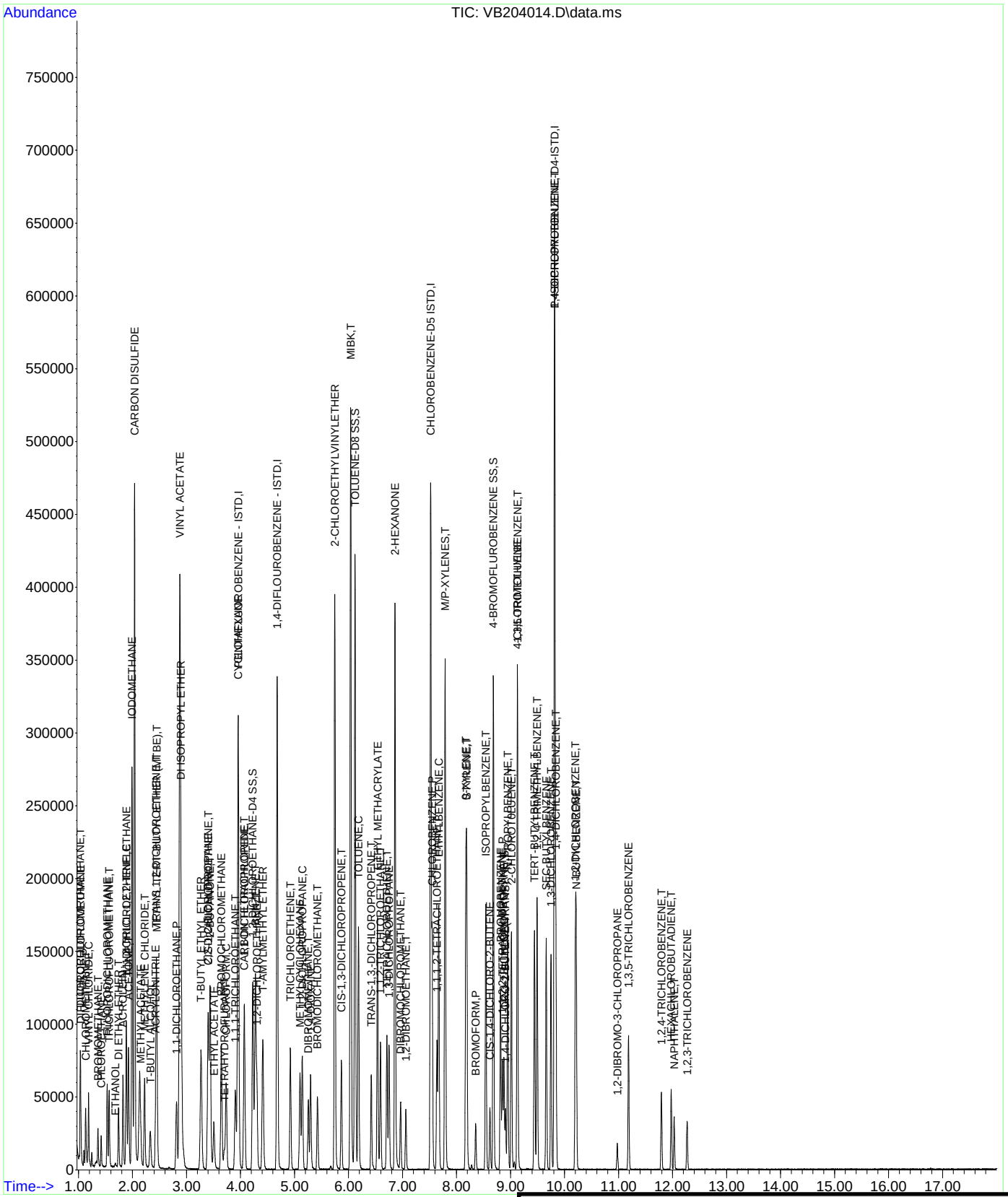
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) TOLUENE	6.185	91	97058	10.739	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	28296	10.394	UG/L		89
56) ETHYL METHACRYLATE	6.536	41	54612	23.026	UG/L	#	81
57) 1,1,2-TRICHLOROETHANE	6.592	97	21320	10.980	UG/L		98
58) 2-HEXANONE	6.860	43	213905	107.795	UG/L		96
59) TETRACHLOROETHENE	6.712	164	17900	11.216	UG/L		95
60) 1,3-DICHLOROPROPANE	6.751	76	39073	11.398	UG/L		89
61) DIBROMOCHLOROMETHANE	6.963	129	19657	10.002	UG/L		99
62) 1,2-DIBROMOETHANE	7.061	107	23492	11.244	UG/L	#	98
65) CHLOROBENZENE	7.548	112	66383	9.940	UG/L		97
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	20494	9.696	UG/L		97
67) ETHYLBENZENE	7.671	91	110013	10.363	UG/L		99
68) M/P-XYLENES	7.788	91	174119	21.566	UG/L		99
69) 0-XYLENE	8.173	91	91949	10.612	UG/L		99
70) STYRENE	8.187	104	72495	10.082	UG/L		92
71) BROMOFORM	8.354	173	12202	8.881	UG/L		98
72) ISOPROPYLBENZENE	8.541	105	106194	10.807	UG/L		97
73) CIS-1,4-DICHLORO-2-BUTENE	8.617	53	8959	11.343	UG/L	#	80
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	29756	9.668	UG/L		97
75) 1,4-DICHLORO-2-BUTENE(...	8.904	53	8552	10.811	UG/L	#	85
76) BROMOBENZENE	8.815	77	45758	10.668	UG/L		95
77) 1,2,3-TRICHLOROPROPANE	8.876	110	9908	10.002	UG/L	#	64
78) N-PROPYLBENZENE	8.946	91	113243	10.577	UG/L		98
79) 2-CHLOROT0LUENE	9.015	91	76394	10.448	UG/L		99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	90054	10.950	UG/L		98
81) 4-CHLOROTOLUENE	9.124	91	88669	10.841	UG/L		99
83) TERT-BUTYLBENZENE	9.442	119	68955	11.422	UG/L		94
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	91656	11.958	UG/L		98
85) SEC-BUTYLBENZENE	9.659	105	93377	11.872	UG/L		97
86) 1,3-DICHLOROBENZENE	9.749	146	51893	11.001	UG/L		98
87) P-ISOPROPYLTOLUENE	9.813	119	79904	11.527	UG/L		97
88) 1,4-DICHLOROBENZENE	9.838	146	51014	10.738	UG/L		99
89) N-BUTYLBENZENE	10.217	91	62273	12.338	UG/L		96
90) 1,2-DICHLOROBENZENE	10.201	146	51476	10.989	UG/L		98
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	3638	11.396	UG/L		96
92) 1,3,5-TRICHLOROBENZENE	11.185	180	25085	10.528	UG/L		97
93) 1,2,4-TRICHLOROBENZENE	11.793	180	14683	9.068	UG/L		95
94) HEXACHLOROBUTADIENE	11.974	225	10223	13.291	UG/L		99
95) NAPHTHALENE	12.030	128	23427	7.673	UG/L		98
96) 1,2,3-TRICHLOROBENZENE	12.272	180	9842	10.449	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204014.D Vial: 14
Acq On : 23 Jul 2013 5:34 pm Operator:
Sample : 8260STD 10PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:07:28 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204015.D Vial: 15
Acq On : 23 Jul 2013 6:05 pm Operator:
Sample : 8260STD 20PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:09:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	147900	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	229725	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	121751	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	115275	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	81403	32.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.24%#				
43) TOLUENE-D8 SS	6.121	98	225872	25.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	94559	24.20	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	52791	27.697	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	74677	26.740	UG/L		94
5) CHLOROMETHANE	1.132	50	64508	21.642	UG/L		100
6) VINYL CHLORIDE	1.187	62	49291	22.993	UG/L		99
7) BROMOMETHANE	1.352	94	10024m	41.385	UG/L		
8) CHLOROETHANE	1.411	64	20290	25.510	UG/L		95
9) FLUORODICHLOROMETHANE	1.528	67	69608	26.737	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.564	101	60290	30.293	UG/L		99
11) ETHANOL	1.687	45	3854	140.516	UG/L	#	93
12) DI ETHYL ETHER	1.740	59	34058	21.028	UG/L	#	85
13) ACROLEIN	1.823	56	74078	227.098	UG/L	#	98
14) ACETONE	1.924	43	157160	232.998	UG/L		93
15) 1,1-DICHLOROETHENE	1.885	61	58336	26.647	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	28083	24.499	UG/L		98
17) IODOMETHANE	1.988	142	481592	239.880	UG/L		96
18) METHYL ACETATE	2.152	43	44770	22.797	UG/L		92
19) T-BUTYL ALCOHOL	2.334	59	48958	177.709	UG/L	#	99
20) ACRYLONITRILE	2.426	53	17921	21.455	UG/L		96
21) METHYLENE CHLORIDE	2.222	49	54102	21.173	UG/L		87
22) CARBON DISULFIDE	2.035	76	916834	249.150	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.451	73	130336	27.918	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.440	61	62703	28.753	UG/L		98
25) 1,1-DICHLOROETHANE	2.813	63	87390	25.477	UG/L		100
26) VINYL ACETATE	2.875	43	1189515	220.570	UG/L	#	92
27) DI ISOPROPYL ETHER	2.894	45	154387	23.447	UG/L		99
28) 2-BUTANONE	3.438	43	294002	214.168	UG/L		96
29) T-BUTYL ETHYL ETHER	3.271	59	150719	24.561	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.399	61	80097	25.681	UG/L		94
31) 2,2-DICHLOROPROPANE	3.399	77	56832	28.374	UG/L		99
32) ETHYL ACETATE	3.508	43	66685	20.147	UG/L		97
33) BROMOCHLOROMETHANE	3.641	128	22865	22.389	UG/L		93
34) TETRAHYDROFURAN	3.700	42	18004	21.081	UG/L	#	95
35) CHLOROFORM	3.733	83	86051	27.374	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.901	97	70767	28.121	UG/L		97
37) CYCLOHEXANE	3.951	56	70176	21.240	UG/L		90
38) CARBON TETRACHLORIDE	4.068	117	58394	28.329	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	64208	26.066	UG/L		98
40) BENZENE	4.277	78	183521	22.156	UG/L		97
41) T-AMYLMETHYL ETHER	4.414	73	122414	23.070	UG/L		96
44) 1,2-DICHLOROETHANE	4.302	62	81167	28.625	UG/L		98
45) TRICHLOROETHENE	4.921	95	47297	23.707	UG/L		96
46) METHYLCYCLOHEXANE	5.100	83	46018	22.251	UG/L		90
47) 1,2-DICHLOROPROPANE	5.145	63	48856	22.266	UG/L		89
48) DIBROMOMETHANE	5.253	93	31202	23.243	UG/L		95
49) 1,4-DIOXANE	5.298	88	4697	127.285	UG/L	#	77
50) BROMODICHLOROMETHANE	5.423	83	60920	26.154	UG/L		98
51) 2-CHLOROETHYLVINYLETHER	5.747	63	282162	171.130	UG/L		91
52) MIBK	6.040	43	592396	217.909	UG/L		96
53) CIS-1,3-DICHLOROPROPENE	5.867	75	74357	23.246	UG/L	#	86

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204015.D Vial: 15
Acq On : 23 Jul 2013 6:05 pm Operator:
Sample : 8260STD 20PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:09:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

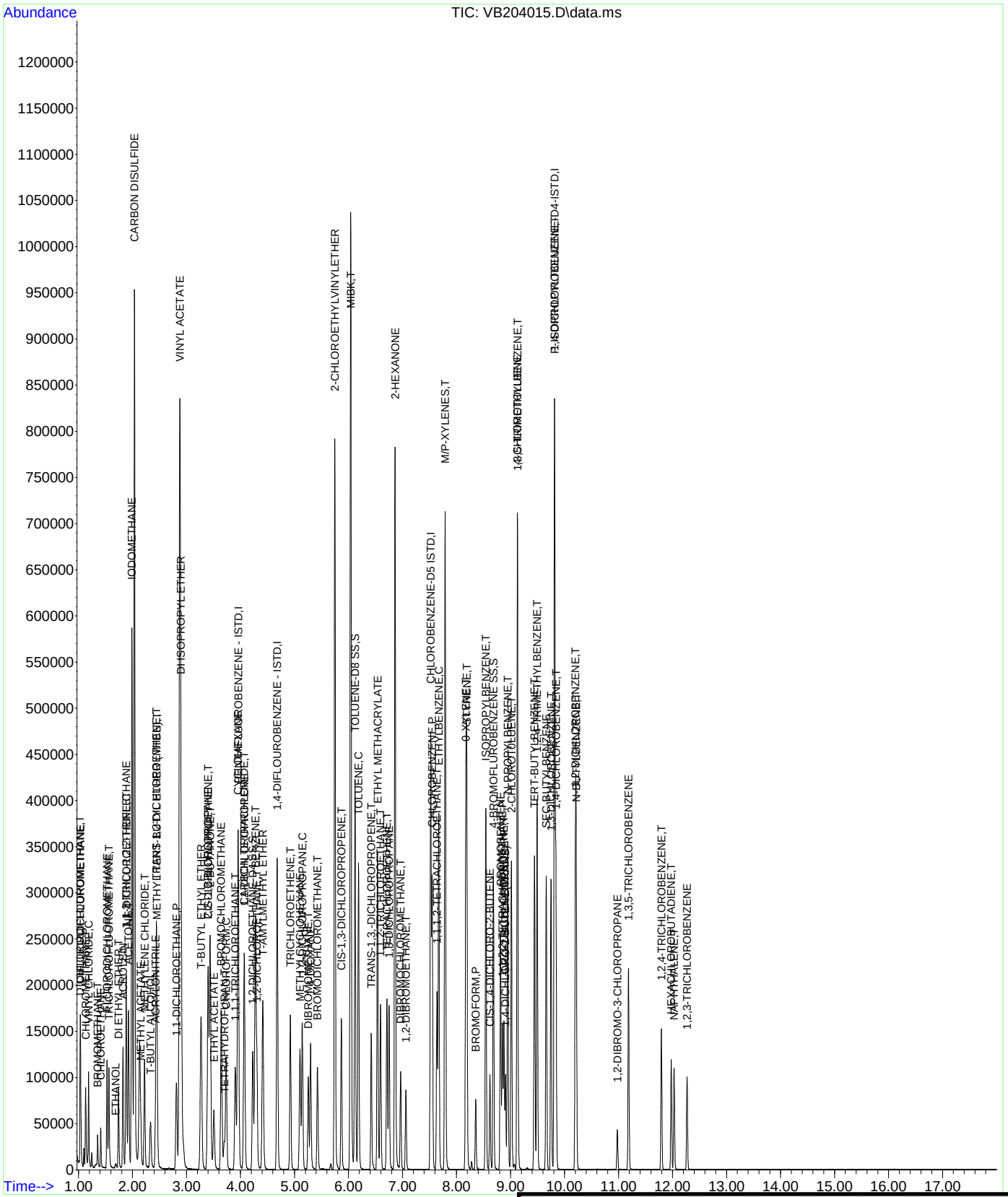
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	196528	21.711	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	63716	23.368	UG/L	90
56) ETHYL METHACRYLATE	6.536	41	111503	46.939	UG/L #	80
57) 1,1,2-TRICHLOROETHANE	6.592	97	43421	22.327	UG/L	97
58) 2-HEXANONE	6.862	43	434401	218.568	UG/L	97
59) TETRACHLOROETHENE	6.712	164	36950	23.116	UG/L	96
60) 1,3-DICHLOROPROPANE	6.751	76	80586	23.471	UG/L	88
61) DIBROMOCHLOROMETHANE	6.966	129	44481	20.314	UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	49547	23.677	UG/L	99
65) CHLOROBENZENE	7.548	112	137075	20.424	UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	43578	20.516	UG/L	96
67) ETHYLBENZENE	7.671	91	225565	21.144	UG/L	99
68) M/P-XYLENES	7.788	91	351642	43.338	UG/L	99
69) 0-XYLENE	8.170	91	188122	21.604	UG/L	98
70) STYRENE	8.190	104	152434	21.095	UG/L	91
71) BROMOFORM	8.354	173	29326	17.347	UG/L	99
72) ISOPROPYLBENZENE	8.541	105	218372	22.113	UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	20528	21.225	UG/L	89
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	61939	20.025	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	19409	20.268	UG/L	91
76) BROMOBENZENE	8.814	77	94223	21.858	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.876	110	20761	20.854	UG/L	97
78) N-PROPYLBENZENE	8.948	91	233697	21.721	UG/L	98
79) 2-CHLOROT0LUENE	9.015	91	157932	21.492	UG/L	99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	187048	22.632	UG/L	98
81) 4-CHLOROTOLUENE	9.127	91	183652	22.344	UG/L	99
83) TERT-BUTYLBENZENE	9.442	119	143875	23.376	UG/L	94
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	191288	24.480	UG/L	99
85) SEC-BUTYLBENZENE	9.659	105	194515	24.259	UG/L	96
86) 1,3-DICHLOROBENZENE	9.749	146	108940	22.653	UG/L	98
87) P-ISOPROPYLTOLUENE	9.813	119	168493	23.841	UG/L	97
88) 1,4-DICHLOROBENZENE	9.841	146	106928	22.076	UG/L	99
89) N-BUTYLBENZENE	10.217	91	134039	26.050	UG/L	98
90) 1,2-DICHLOROBENZENE	10.200	146	108659	22.752	UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	9285	22.362	UG/L	98
92) 1,3,5-TRICHLOROBENZENE	11.185	180	58207	23.961	UG/L	97
93) 1,2,4-TRICHLOROBENZENE	11.793	180	40152	19.695	UG/L	95
94) HEXACHLOROBUTADIENE	11.974	225	22535	28.738	UG/L	99
95) NAPHTHALENE	12.027	128	73176	17.426	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	26823	21.165	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204015.D Vial: 15
Acq On : 23 Jul 2013 6:05 pm Operator:
Sample : 8260STD 20PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:09:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204016.D Vial: 16
Acq On : 23 Jul 2013 6:36 pm Operator:
Sample : 8260STD 50PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 18:54:55 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	147085	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	227268	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	121949	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	116602	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	82207	33.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 132.28%#				
43) TOLUENE-D8 SS	6.123	98	227679	25.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.32%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	96447	24.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.56%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	110215	58.146	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.037	51	162934	58.665	UG/L		95
5) CHLOROMETHANE	1.132	50	131839	44.477	UG/L		100
6) VINYL CHLORIDE	1.187	62	104968	49.237	UG/L		100
7) BROMOMETHANE	1.358	94	27894	152.016	UG/L		99
8) CHLOROETHANE	1.413	64	47035	59.663	UG/L		98
9) FLUORODICHLOROMETHANE	1.528	67	156832	60.574	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.564	101	132559	66.975	UG/L		100
11) ETHANOL	1.684	45	9533	368.891	UG/L	#	94
12) DI ETHYL ETHER	1.740	59	76630	47.575	UG/L	#	84
13) ACROLEIN	1.823	56	163684	504.581	UG/L	#	98
14) ACETONE	1.924	43	352010	524.766	UG/L		93
15) 1,1-DICHLOROETHENE	1.885	61	128897	59.204	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	63296	55.523	UG/L		97
17) IODOMETHANE	1.991	142	1105151	553.524	UG/L		96
18) METHYL ACETATE	2.152	43	91880	47.045	UG/L	#	90
19) T-BUTYL ALCOHOL	2.328	59	110593	403.658	UG/L	#	98
20) ACRYLONITRILE	2.423	53	52566	63.280	UG/L		96
21) METHYLENE CHLORIDE	2.222	49	115652	51.290	UG/L		86
22) CARBON DISULFIDE	2.035	76	1939579	530.002	UG/L		96
23) METHYL TERT-BUTYL ETHE...	2.448	73	319217	68.756	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.440	61	160611	74.057	UG/L		99
25) 1,1-DICHLOROETHANE	2.816	63	199152	58.380	UG/L		100
26) VINYL ACETATE	2.877	43	2556687	476.710	UG/L	#	93
27) DI ISOPROPYL ETHER	2.897	45	337687	51.569	UG/L		98
28) 2-BUTANONE	3.438	43	660649	483.921	UG/L		95
29) T-BUTYL ETHYL ETHER	3.271	59	348820	57.159	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	183584	59.188	UG/L		95
31) 2,2-DICHLOROPROPANE	3.396	77	133231	66.885	UG/L		99
32) ETHYL ACETATE	3.508	43	150965	45.863	UG/L		97
33) BROMOCHLOROMETHANE	3.644	128	52276	51.472	UG/L		92
34) TETRAHYDROFURAN	3.697	42	39819	46.882	UG/L	#	92
35) CHLOROFORM	3.733	83	197451	63.161	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.906	97	167510	66.932	UG/L		98
37) CYCLOHEXANE	3.951	56	155630	47.366	UG/L		93
38) CARBON TETRACHLORIDE	4.068	117	140954	68.762	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	143284	58.491	UG/L		98
40) BENZENE	4.277	78	421675	51.191	UG/L		97
41) T-AMYLMETHYL ETHER	4.414	73	290404	55.033	UG/L		95
44) 1,2-DICHLOROETHANE	4.302	62	189540	67.567	UG/L		99
45) TRICHLOROETHENE	4.924	95	110708	56.090	UG/L		96
46) METHYLCYCLOHEXANE	5.103	83	106697	52.149	UG/L		90
47) 1,2-DICHLOROPROPANE	5.142	63	114515	52.753	UG/L	#	87
48) DIBROMOMETHANE	5.256	93	74634	56.197	UG/L		96
49) 1,4-DIOXANE	5.303	88	10501	287.646	UG/L	#	81
50) BROMODICHLOROMETHANE	5.426	83	150265	65.210	UG/L		100
51) 2-CHLOROETHYLVINYLETHER	5.750	63	632339	387.658	UG/L		90
52) MIBK	6.042	43	1299765	483.279	UG/L		98
53) CIS-1,3-DICHLOROPROPENE	5.867	75	184922	58.437	UG/L	#	86

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204016.D Vial: 16
Acq On : 23 Jul 2013 6:36 pm Operator:
Sample : 8260STD 50PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 18:54:55 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

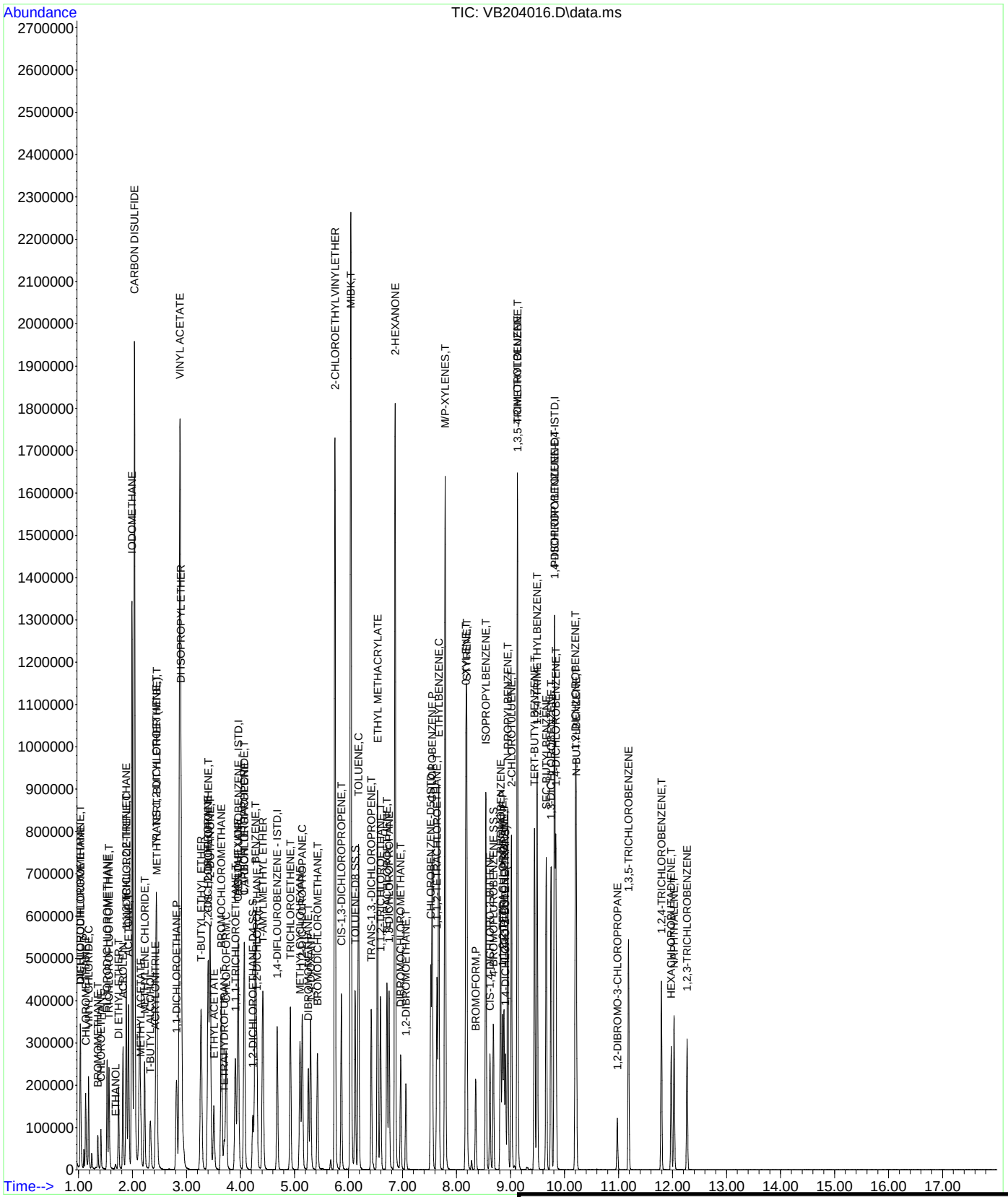
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) TOLUENE	6.185	91	454133	50.713 UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	163981	60.791 UG/L	88
56) ETHYL METHACRYLATE	6.536	41	274549	116.826 UG/L #	80
57) 1,1,2-TRICHLOROETHANE	6.595	97	102402	53.225 UG/L	99
58) 2-HEXANONE	6.862	43	967402	492.008 UG/L	96
59) TETRACHLOROETHENE	6.712	164	86002	54.384 UG/L	96
60) 1,3-DICHLOROPROPANE	6.751	76	188325	55.442 UG/L	88
61) DIBROMOCHLOROMETHANE	6.966	129	114402	49.908 UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	116598	56.320 UG/L	100
65) CHLOROBENZENE	7.548	112	319374	47.510 UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	108208	50.861 UG/L	97
67) ETHYLBENZENE	7.671	91	528048	49.417 UG/L	100
68) M/P-XYLENES	7.788	91	811754	99.883 UG/L	99
69) 0-XYLENE	8.173	91	438818	50.313 UG/L	98
70) STYRENE	8.190	104	354373	48.960 UG/L	92
71) BROMOFORM	8.354	173	81987	43.409 UG/L	100
72) ISOPROPYLBENZENE	8.541	105	505306	51.086 UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.616	53	53128	49.103 UG/L	91
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	146932	47.426 UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	52446	49.085 UG/L	99
76) BROMOBENZENE	8.814	77	223504	51.765 UG/L	97
77) 1,2,3-TRICHLOROPROPANE	8.879	110	49199	49.338 UG/L	97
78) N-PROPYLBENZENE	8.948	91	546313	50.694 UG/L	99
79) 2-CHLOROT0LUENE	9.015	91	371973	50.537 UG/L	99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	434319	52.465 UG/L	98
81) 4-CHLOROTOLUENE	9.127	91	425768	51.716 UG/L	100
83) TERT-BUTYLBENZENE	9.445	119	337484	54.208 UG/L	95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	450361	56.978 UG/L	99
85) SEC-BUTYLBENZENE	9.659	105	451358	55.650 UG/L	97
86) 1,3-DICHLOROBENZENE	9.749	146	258500	53.141 UG/L	99
87) P-ISOPROPYLTOLUENE	9.813	119	396190	55.422 UG/L	97
88) 1,4-DICHLOROBENZENE	9.838	146	253578	51.757 UG/L	99
89) N-BUTYLBENZENE	10.217	91	314688	60.461 UG/L	99
90) 1,2-DICHLOROBENZENE	10.200	146	259430	53.704 UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	25698	54.064 UG/L	94
92) 1,3,5-TRICHLOROBENZENE	11.185	180	144100	58.644 UG/L	96
93) 1,2,4-TRICHLOROBENZENE	11.793	180	118845	52.331 UG/L	95
94) HEXACHLOROBUTADIENE	11.977	225	53937	68.001 UG/L	99
95) NAPHTHALENE	12.027	128	238479	49.596 UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	81238	55.306 UG/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204016.D Vial: 16
Acq On : 23 Jul 2013 6:36 pm Operator:
Sample : 8260STD 50PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 18:54:55 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204017.D Vial: 17
Acq On : 23 Jul 2013 7:08 pm Operator:
Sample : 8260STD 100PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 19:26:16 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.959	168	149294	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	233502	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	125739	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	120089	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	81525	32.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.24%				
43) TOLUENE-D8 SS	6.123	98	229198	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	98272	24.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.40%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	228511	118.771	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	325811	115.574	UG/L		95
5) CHLOROMETHANE	1.132	50	280300	93.161	UG/L		99
6) VINYL CHLORIDE	1.188	62	219632	101.497	UG/L		100
7) BROMOMETHANE	1.352	94	45750	258.043	UG/L		99
8) CHLOROETHANE	1.408	64	91731	114.775	UG/L		99
9) FLUORODICHLOROMETHANE	1.525	67	321567	122.362	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.561	101	275723	137.246	UG/L		100
11) ETHANOL	1.695	45	17114	662.473	UG/L	#	93
12) DI ETHYL ETHER	1.740	59	151766	92.828	UG/L	#	83
13) ACROLEIN	1.823	56	325892	989.748	UG/L	#	97
14) ACETONE	1.927	43	652844	958.839	UG/L		92
15) 1,1-DICHLOROETHENE	1.882	61	258260	116.867	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.879	101	128248	110.835	UG/L		97
17) IODOMETHANE	1.988	142	2107096	1039.741	UG/L		96
18) METHYL ACETATE	2.152	43	177968	89.775	UG/L	#	89
19) T-BUTYL ALCOHOL	2.342	59	241941	870.005	UG/L	#	99
20) ACRYLONITRILE	2.423	53	104359	123.770	UG/L		97
21) METHYLENE CHLORIDE	2.222	49	222910	101.913	UG/L	#	84
22) CARBON DISULFIDE	2.033	76	3543035	953.831	UG/L		98
23) METHYL TERT-BUTYL ETHE...	2.448	73	622976	132.196	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.437	61	306922	139.427	UG/L		98
25) 1,1-DICHLOROETHANE	2.813	63	394609	113.965	UG/L		100
26) VINYL ACETATE	2.880	43	4552238	836.234	UG/L		95
27) DI ISOPROPYL ETHER	2.897	45	626160	94.208	UG/L		95
28) 2-BUTANONE	3.438	43	1269838	916.385	UG/L		95
29) T-BUTYL ETHYL ETHER	3.268	59	701748	113.289	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	364493	115.775	UG/L		95
31) 2,2-DICHLOROPROPANE	3.396	77	273608	135.325	UG/L		99
32) ETHYL ACETATE	3.508	43	296808	88.836	UG/L	#	95
33) BROMOCHLOROMETHANE	3.642	128	101226	98.195	UG/L		91
34) TETRAHYDROFURAN	3.697	42	78838	91.448	UG/L	#	91
35) CHLOROFORM	3.734	83	393511	124.014	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.904	97	345999	136.206	UG/L		98
37) CYCLOHEXANE	3.951	56	310486	93.099	UG/L		91
38) CARBON TETRACHLORIDE	4.065	117	293492	141.056	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	289035	116.242	UG/L		98
40) BENZENE	4.277	78	828080	99.040	UG/L		98
41) T-AMYLMETHYL ETHER	4.411	73	598287	111.701	UG/L		94
44) 1,2-DICHLOROETHANE	4.302	62	378039	131.165	UG/L		99
45) TRICHLOROETHENE	4.922	95	219973	108.474	UG/L		96
46) METHYLCYCLOHEXANE	5.100	83	215224	102.385	UG/L		91
47) 1,2-DICHLOROPROPANE	5.145	63	228245	102.337	UG/L	#	87
48) DIBROMOMETHANE	5.253	93	149108	109.276	UG/L		96
49) 1,4-DIOXANE	5.301	88	21980	586.008	UG/L	#	78
50) BROMODICHLOROMETHANE	5.424	83	310813	131.281	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.753	63	1163173	694.050	UG/L		90
52) MIBK	6.045	43	2324144	841.092	UG/L		98
53) CIS-1,3-DICHLOROPROPENE	5.870	75	379044	116.584	UG/L	#	85

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204017.D Vial: 17
Acq On : 23 Jul 2013 7:08 pm Operator:
Sample : 8260STD 100PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 19:26:16 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

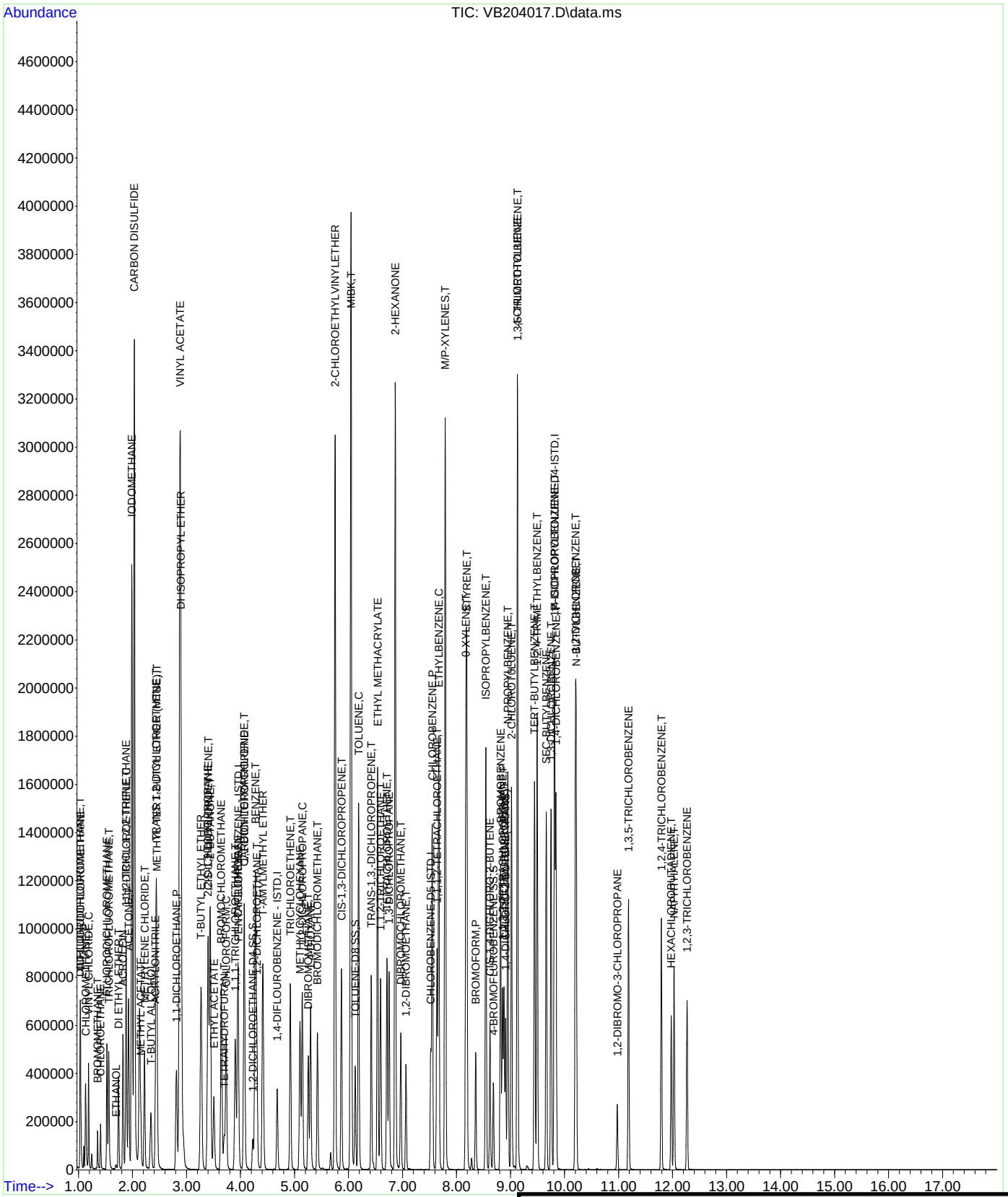
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) TOLUENE	6.188	91	898995	97.710	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	347459	125.371	UG/L		88
56) ETHYL METHACRYLATE	6.536	41	526030	217.860	UG/L	#	79
57) 1,1,2-TRICHLOROETHANE	6.595	97	203059	102.724	UG/L		97
58) 2-HEXANONE	6.865	43	1801379	891.698	UG/L		96
59) TETRACHLOROETHENE	6.712	164	172852	106.385	UG/L		96
60) 1,3-DICHLOROPROPANE	6.751	76	379592	108.767	UG/L		87
61) DIBROMOCHLOROMETHANE	6.968	129	245118	102.108	UG/L		100
62) 1,2-DIBROMOETHANE	7.063	107	238098	111.937	UG/L		99
65) CHLOROBENZENE	7.551	112	639031	92.196	UG/L		96
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	227175	103.560	UG/L		98
67) ETHYLBENZENE	7.671	91	1048690	95.183	UG/L		99
68) M/P-XYLENES	7.791	91	1574946	187.949	UG/L		100
69) 0-XYLENE	8.173	91	863486	96.020	UG/L		98
70) STYRENE	8.190	104	703512	94.268	UG/L		92
71) BROMOFORM	8.354	173	184766	91.561	UG/L		99
72) ISOPROPYLBENZENE	8.541	105	1004221	98.466	UG/L		99
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	115720	99.698	UG/L	#	92
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	306515	95.953	UG/L		100
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	113933	99.770	UG/L		97
76) BROMOBENZENE	8.815	77	451653	101.452	UG/L		97
77) 1,2,3-TRICHLOROPROPANE	8.879	110	102194	99.395	UG/L		100
78) N-PROPYLBENZENE	8.948	91	1100809	99.069	UG/L		99
79) 2-CHLOROT0LUENE	9.018	91	750479	98.889	UG/L		99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	868824	101.790	UG/L		98
81) 4-CHLOROTOLUENE	9.127	91	854909	100.712	UG/L		100
83) TERT-BUTYLBENZENE	9.445	119	683420	106.587	UG/L		95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	917285	112.681	UG/L		99
85) SEC-BUTYLBENZENE	9.662	105	915071	109.548	UG/L		98
86) 1,3-DICHLOROBENZENE	9.749	146	529225	105.635	UG/L		99
87) P-ISOPROPYLTOLUENE	9.813	119	807399	109.665	UG/L		97
88) 1,4-DICHLOROBENZENE	9.841	146	523647	103.777	UG/L		98
89) N-BUTYLBENZENE	10.214	91	645569	120.432	UG/L		99
90) 1,2-DICHLOROBENZENE	10.203	146	526993	105.924	UG/L		99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	58800	115.101	UG/L		94
92) 1,3,5-TRICHLOROBENZENE	11.185	180	304679	120.394	UG/L		96
93) 1,2,4-TRICHLOROBENZENE	11.793	180	271496	112.726	UG/L		95
94) HEXACHLOROBUTADIENE	11.977	225	114622	140.314	UG/L		99
95) NAPHTHALENE	12.027	128	562956	109.870	UG/L		99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	189780	120.318	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204017.D Vial: 17
Acq On : 23 Jul 2013 7:08 pm Operator:
Sample : 8260STD 100PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 19:26:16 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204018.D Vial: 18
Acq On : 23 Jul 2013 7:39 pm Operator:
Sample : 8260STD 200PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:13:25 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	145243	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	231230	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	127673	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	124178	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	80185	32.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.64%#				
43) TOLUENE-D8 SS	6.126	98	229800	25.38	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	106418	25.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	435602	232.725	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.034	51	624711	227.782	UG/L		97
5) CHLOROMETHANE	1.129	50	614187	209.827	UG/L		98
6) VINYL CHLORIDE	1.185	62	506567	240.625	UG/L		99
7) BROMOMETHANE	1.349	94	89434	538.832	UG/L		99
8) CHLOROETHANE	1.400	64	48434	62.223	UG/L		96
9) FLUORODICHLOROMETHANE	1.519	67	607452	237.593	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.547	101	533031	272.726	UG/L		100
12) DI ETHYL ETHER	1.740	59	310078	194.950	UG/L		90
13) ACROLEIN	1.823	56	662778	2069.026	UG/L	#	98
14) ACETONE	1.932	43	1281093	1934.034	UG/L		91
15) 1,1-DICHLOROETHENE	1.876	61	514448	239.289	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.874	101	257620	228.851	UG/L		97
17) IODOMETHANE	1.982	142	3867739	1961.757	UG/L		97
18) METHYL ACETATE	2.155	43	375652	194.782	UG/L	#	88
19) T-BUTYL ALCOHOL	2.370	59	521185	1926.422	UG/L	#	99
20) ACRYLONITRILE	2.429	53	195801	238.698	UG/L		97
21) METHYLENE CHLORIDE	2.219	49	455761	219.721	UG/L	#	82
22) CARBON DISULFIDE	2.027	76	6005878	1661.956	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.448	73	1242813	271.082	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.431	61	597330	278.921	UG/L		98
25) 1,1-DICHLOROETHANE	2.811	63	791524	234.973	UG/L		100
26) VINYL ACETATE	2.886	43	7484035	1413.143	UG/L		99
27) DI ISOPROPYL ETHER	2.903	45	1101844	170.401	UG/L		90
28) 2-BUTANONE	3.446	43	2431636	1803.747	UG/L	#	93
29) T-BUTYL ETHYL ETHER	3.271	59	1410535	234.066	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.399	61	715506	233.608	UG/L		94
31) 2,2-DICHLOROPROPANE	3.396	77	551467	280.359	UG/L		99
32) ETHYL ACETATE	3.511	43	595751	183.284	UG/L	#	94
33) BROMOCHLOROMETHANE	3.639	128	193274	192.717	UG/L		88
34) TETRAHYDROFURAN	3.700	42	162340	193.559	UG/L	#	90
35) CHLOROFORM	3.734	83	787521	255.107	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.901	97	700247	283.348	UG/L		98
37) CYCLOHEXANE	3.948	56	611945	188.608	UG/L		91
38) CARBON TETRACHLORIDE	4.063	117	596272	294.569	UG/L		100
39) 1,1-DICHLOROPROPENE	4.071	75	568574	235.043	UG/L		97
40) BENZENE	4.275	78	1596747	196.301	UG/L		99
41) T-AMYLMETHYL ETHER	4.414	73	1213891	232.956	UG/L		93
44) 1,2-DICHLOROETHANE	4.303	62	751236	263.212	UG/L		99
45) TRICHLOROETHENE	4.922	95	439137	218.676	UG/L		96
46) METHYLCYCLOHEXANE	5.100	83	441035	211.867	UG/L	#	89
47) 1,2-DICHLOROPROPANE	5.142	63	461255	208.843	UG/L	#	88
48) DIBROMOMETHANE	5.253	93	303485	224.599	UG/L		97
49) 1,4-DIOXANE	5.312	88	46816	1260.424	UG/L	#	78
50) BROMODICHLOROMETHANE	5.424	83	643734	274.571	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.758	63	2141771	1290.524	UG/L		87
52) MIBK	6.057	43	4091466	1495.223	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.870	75	784872	243.777	UG/L	#	85
54) TOLUENE	6.188	91	1752010	192.294	UG/L		100

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204018.D Vial: 18
Acq On : 23 Jul 2013 7:39 pm Operator:
Sample : 8260STD 200PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:13:25 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

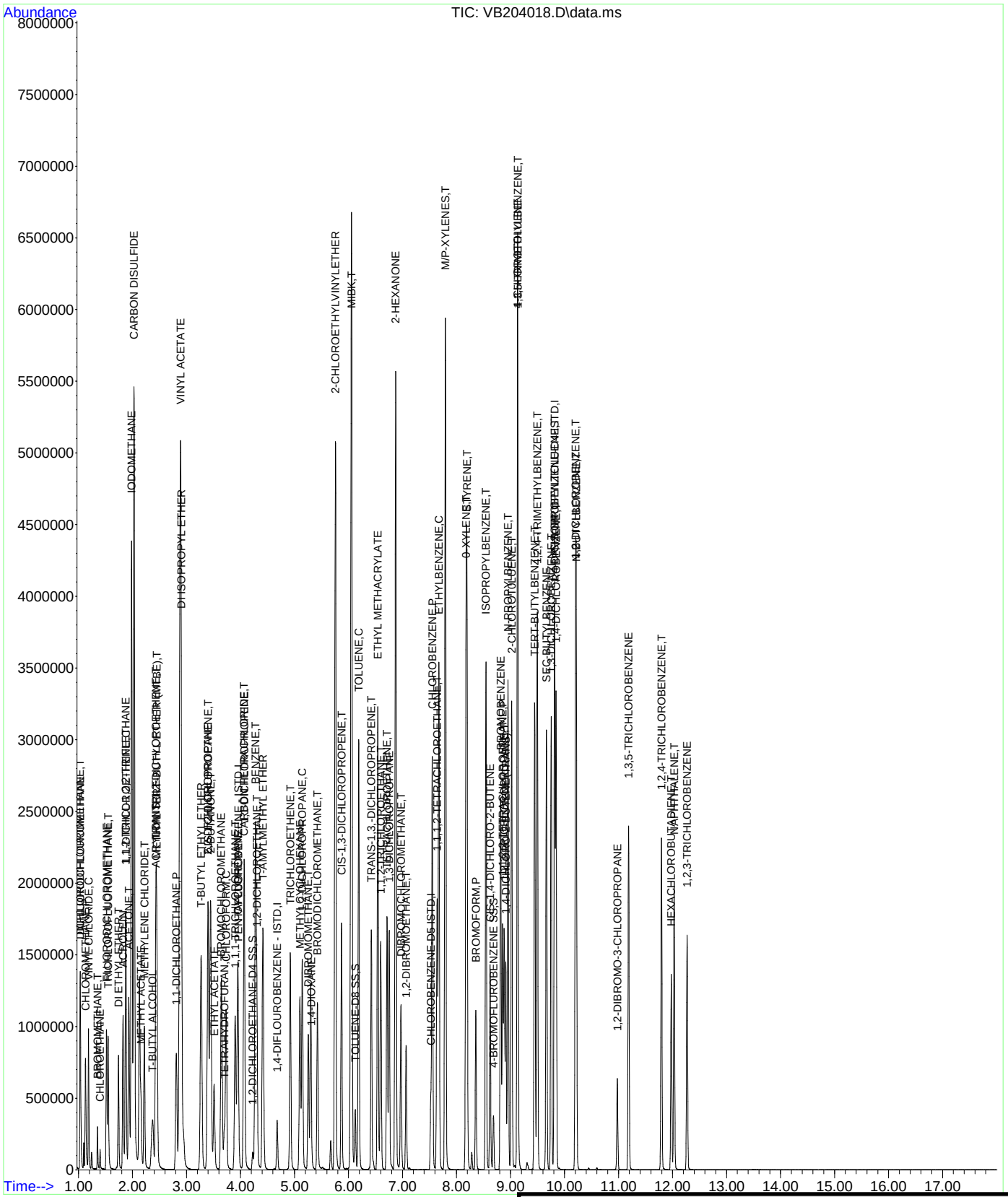
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	736226	268.256	UG/L		88
56) ETHYL METHACRYLATE	6.542	41	1020095	426.633	UG/L	#	77
57) 1,1,2-TRICHLOROETHANE	6.598	97	417551	213.308	UG/L		98
58) 2-HEXANONE	6.874	43	3310250	1654.702	UG/L	#	93
59) TETRACHLOROETHENE	6.712	164	349553	217.254	UG/L		96
60) 1,3-DICHLOROPROPANE	6.754	76	768966	222.502	UG/L		87
61) DIBROMOCHLOROMETHANE	6.971	129	529606	220.641	UG/L		99
62) 1,2-DIBROMOETHANE	7.066	107	497342	236.113	UG/L		100
65) CHLOROBENZENE	7.551	112	1294256	183.900	UG/L		97
66) 1,1,1,2-TETRACHLOROETHANE	7.641	131	488239	219.198	UG/L		98
67) ETHYLBENZENE	7.674	91	2087131	186.565	UG/L		98
68) M/P-XYLENES	7.794	91	3040980	357.404	UG/L		99
69) 0-XYLENE	8.176	91	1729997	189.462	UG/L		97
70) STYRENE	8.193	104	1429093	188.592	UG/L		92
71) BROMOFORM	8.357	173	435681	208.932	UG/L		100
72) ISOPROPYLBENZENE	8.544	105	2052823	198.234	UG/L		100
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	269421	223.916	UG/L	#	88
74) 1,1,2,2-TETRACHLOROETHANE	8.854	83	668657	206.150	UG/L		100
75) 1,4-DICHLORO-2-BUTENE(...	8.912	53	262760	222.423	UG/L		95
76) BROMOBENZENE	8.817	77	961959	212.806	UG/L		99
77) 1,2,3-TRICHLOROPROPANE	8.881	110	225519	216.019	UG/L		100
78) N-PROPYLBENZENE	8.954	91	2229187	197.579	UG/L		99
79) 2-CHLOROT0LUENE	9.021	91	1575271	204.425	UG/L		98
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	1766740	203.852	UG/L		99
81) 4-CHLOROTOLUENE	9.130	91	1753623	203.454	UG/L		99
83) TERT-BUTYLBENZENE	9.448	119	1439785	217.155	UG/L		95
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	1891141	224.662	UG/L		100
85) SEC-BUTYLBENZENE	9.665	105	1893510	219.217	UG/L		99
86) 1,3-DICHLOROBENZENE	9.754	146	1129831	218.092	UG/L		100
87) P-ISOPROPYLTOLUENE	9.816	119	1674803	219.989	UG/L		98
88) 1,4-DICHLOROBENZENE	9.844	146	1113723	213.451	UG/L		99
89) N-BUTYLBENZENE	10.217	91	1358518	245.089	UG/L		100
90) 1,2-DICHLOROBENZENE	10.203	146	1120131	217.730	UG/L		99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	136305	252.936	UG/L		91
92) 1,3,5-TRICHLOROBENZENE	11.188	180	671071	256.443	UG/L		96
93) 1,2,4-TRICHLOROBENZENE	11.796	180	622740	246.697	UG/L		95
94) HEXACHLOROBUTADIENE	11.977	225	255827	302.858	UG/L		99
95) NAPHTHALENE	12.030	128	1304213	242.501	UG/L		100
96) 1,2,3-TRICHLOROBENZENE	12.270	180	446145	268.384	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204018.D Vial: 18
Acq On : 23 Jul 2013 7:39 pm Operator:
Sample : 8260STD 200PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:13:25 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204021.D Vial: 21
Acq On : 23 Jul 2013 9:13 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 14:13:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.960	168	151729	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	235604	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	123244	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	115921	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	83860	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
43) TOLUENE-D8 SS	6.121	98	229636	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
64) 4-BROMOFLUROBENZENE SS	8.684	95	96052	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	15562	6.261	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.040	51	27541	7.885	UG/L		97
5) CHLOROMETHANE	1.132	50	24086	8.252	UG/L		99
6) VINYL CHLORIDE	1.188	62	18769	8.311	UG/L		99
7) BROMOMETHANE	1.369	94	11689	19.258	UG/L		99
8) CHLOROETHANE	1.422	64	12035	11.714	UG/L		99
9) FLUORODICHLOROMETHANE	1.533	67	36149	10.975	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	30378	10.968	UG/L		99
12) DI ETHYL ETHER	1.743	59	18440	10.857	UG/L		92
13) ACROLEIN	1.823	56	29529	86.748	UG/L	#	99
14) ACETONE	1.924	43	86893	111.501	UG/L		98
15) 1,1-DICHLOROETHENE	1.888	61	39485	14.673	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	15838	11.658	UG/L		96
17) IODOMETHANE	1.991	142	22287	10.326	UG/L		100
18) METHYL ACETATE	2.153	43	24679	12.272	UG/L		96
19) T-BUTYL ALCOHOL	2.323	59	24854	105.743	UG/L		96
20) ACRYLONITRILE	2.426	53	9840	9.098	UG/L		95
21) METHYLENE CHLORIDE	2.225	49	44630	17.639	UG/L		95
22) CARBON DISULFIDE	2.041	76	47950	12.061	UG/L		94
23) METHYL TERT-BUTYL ETHE...	2.448	73	107172	17.007	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.443	61	43106	13.460	UG/L		99
25) 1,1-DICHLOROETHANE	2.816	63	69771	16.861	UG/L		99
26) VINYL ACETATE	2.875	43	505682	91.118	UG/L	#	92
27) DI ISOPROPYL ETHER	2.897	45	91764	12.327	UG/L		90
28) 2-BUTANONE	3.435	43	152239	106.016	UG/L		96
29) T-BUTYL ETHYL ETHER	3.268	59	87496	12.350	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	65410	16.843	UG/L		100
31) 2,2-DICHLOROPROPANE	3.402	77	40574	15.646	UG/L		99
32) ETHYL ACETATE	3.508	43	29671	8.781	UG/L		99
33) BROMOCHLOROMETHANE	3.644	128	19464	18.384	UG/L		94
34) TETRAHYDROFURAN	3.700	42	9944	11.774	UG/L	#	99
35) CHLOROFORM	3.734	83	71940	17.684	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.904	97	54680	16.804	UG/L		99
37) CYCLOHEXANE	3.951	56	41157	11.756	UG/L		97
38) CARBON TETRACHLORIDE	4.071	117	43551	15.956	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	50599	17.009	UG/L		100
40) BENZENE	4.277	78	144954	15.815	UG/L		98
41) T-AMYLMETHYL ETHER	4.414	73	72580	12.470	UG/L		97
44) 1,2-DICHLOROETHANE	4.303	62	69816	18.069	UG/L		99
45) TRICHLOROETHENE	4.922	95	38825	17.011	UG/L		98
46) METHYLCYCLOHEXANE	5.103	83	28219	13.104	UG/L		99
47) 1,2-DICHLOROPROPANE	5.145	63	43126	18.067	UG/L		100
48) DIBROMOMETHANE	5.253	93	26821	17.972	UG/L		99
49) 1,4-DIOXANE	5.295	88	2299	104.610	UG/L		95
50) BROMODICHLOROMETHANE	5.426	83	52845	18.321	UG/L		100
52) MIBK	6.040	43	318292	113.091	UG/L	#	91
53) CIS-1,3-DICHLOROPROPENE	5.867	75	63475	17.968	UG/L		99
54) TOLUENE	6.185	91	161692	16.680	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	59455	18.308	UG/L		99

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204021.D Vial: 21
Acq On : 23 Jul 2013 9:13 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 14:13:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

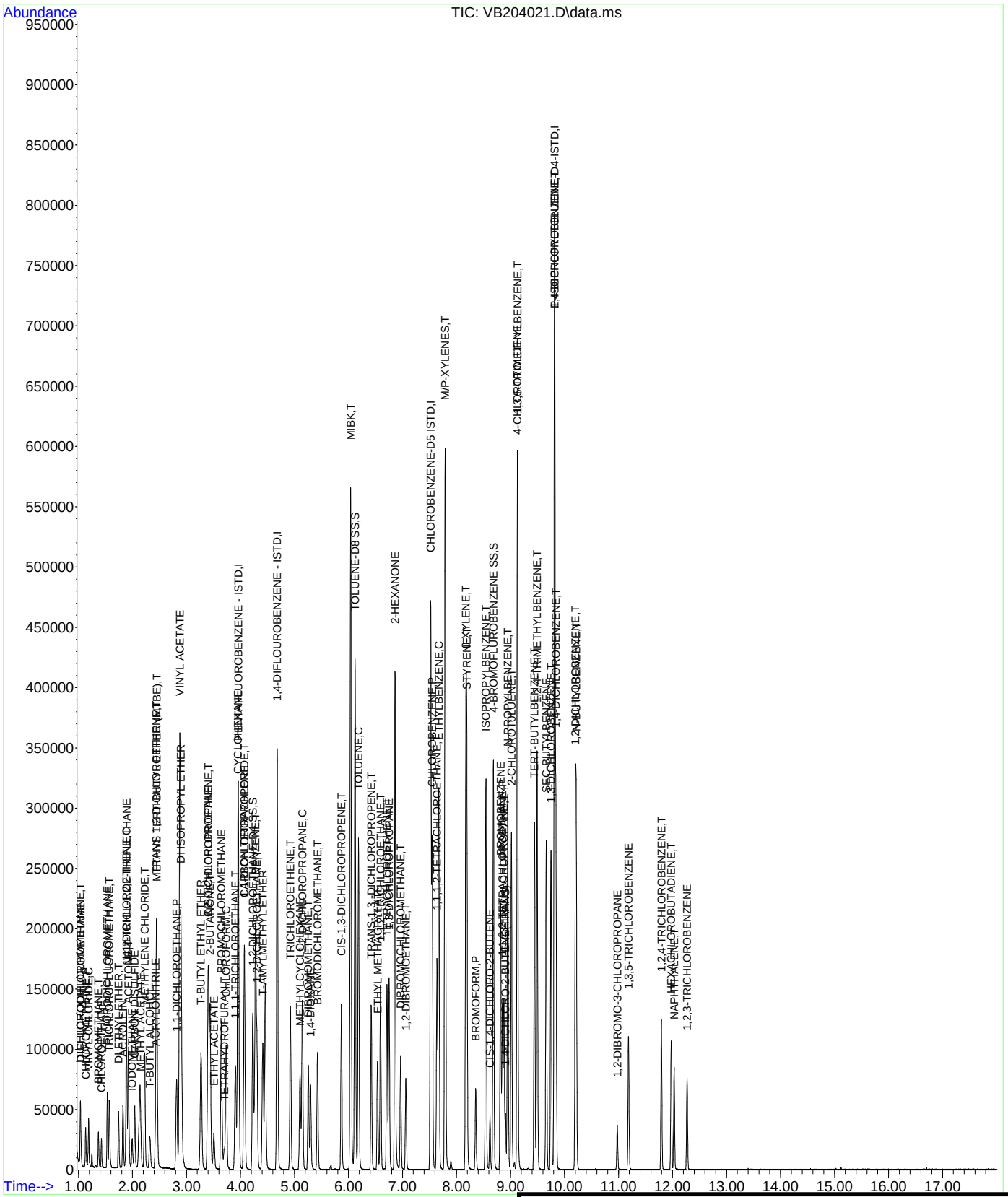
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) ETHYL METHACRYLATE	6.536	41	29347	11.329	UG/L		97
57) 1,1,2-TRICHLOROETHANE	6.595	97	38938	18.889	UG/L		100
58) 2-HEXANONE	6.860	43	222668	111.968	UG/L		94
59) TETRACHLOROETHENE	6.712	164	31480	17.938	UG/L		99
60) 1,3-DICHLOROPROPANE	6.751	76	71945	18.822	UG/L		99
61) DIBROMOCHLOROMETHANE	6.966	129	39344	16.726	UG/L		99
62) 1,2-DIBROMOETHANE	7.061	107	43680	19.045	UG/L		100
65) CHLOROBENZENE	7.549	112	117613	18.539	UG/L		99
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	40210	19.403	UG/L		99
67) ETHYLBENZENE	7.671	91	193630	18.051	UG/L		97
68) M/P-XYLENES	7.788	91	301770	36.012	UG/L		99
69) 0-XYLENE	8.173	91	163215	18.516	UG/L		100
70) STYRENE	8.190	104	132595	18.990	UG/L		97
71) BROMOFORM	8.354	173	26084	17.003	UG/L		99
72) ISOPROPYLBENZENE	8.544	105	186221	18.385	UG/L		98
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	8941	8.467	UG/L	#	78
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	54116	18.573	UG/L		99
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	8966	10.698	UG/L	#	82
76) BROMOBENZENE	8.815	77	82270	18.387	UG/L		97
77) 1,2,3-TRICHLOROPROPANE	8.876	110	18856	19.217	UG/L		79
78) N-PROPYLBENZENE	8.948	91	204177	18.665	UG/L		97
79) 2-CHLOROT0LUENE	9.018	91	137122	17.721	UG/L		98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	158694	18.310	UG/L		99
81) 4-CHLOROTOLUENE	9.124	91	161210	18.548	UG/L		100
83) TERT-BUTYLBENZENE	9.442	119	122245	18.016	UG/L		100
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	166555	18.541	UG/L		98
85) SEC-BUTYLBENZENE	9.662	105	166191	18.269	UG/L		97
86) 1,3-DICHLOROBENZENE	9.749	146	96725	19.342	UG/L		98
87) P-ISOPROPYLTOLUENE	9.813	119	144429	18.728	UG/L		98
88) 1,4-DICHLOROBENZENE	9.838	146	97741	19.482	UG/L		99
89) N-BUTYLBENZENE	10.214	91	109742	18.463	UG/L		99
90) 1,2-DICHLOROBENZENE	10.201	146	94691	18.994	UG/L		98
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	7636	16.960	UG/L		99
92) 1,3,5-TRICHLOROBENZENE	11.185	180	31263	11.150	UG/L		99
93) 1,2,4-TRICHLOROBENZENE	11.793	180	31954	16.384	UG/L		100
94) HEXACHLOROBUTADIENE	11.977	225	20342	19.601	UG/L		99
95) NAPHTHALENE	12.030	128	55408	16.849	UG/L		98
96) 1,2,3-TRICHLOROBENZENE	12.267	180	20523	15.993	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204021.D Vial: 21
Acq On : 23 Jul 2013 9:13 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 14:13:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004490	Instrument:	GCMSVOA2
Calibration:	1300079		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206199	0.4ppb 8260 Calibration Standard	S004490-CAL1	VB204009.D	07/23/13 14:56
1206200	0.5ppb 8260 Calibration Standard	S004490-CAL2	VB204010.D	07/23/13 15:28
1206201	1ppb 8260 Calibration Standard	S004490-CAL3	VB204011.D	07/23/13 15:59
1206202	2ppb 8260 Calibration Standard	S004490-CAL4	VB204012.D	07/23/13 16:31
1206203	5ppb 8260 Calibration Standard	S004490-CAL5	VB204013.D	07/23/13 17:02
1206204	10ppb 8260 Calibration Standard	S004490-CAL6	VB204014.D	07/23/13 17:34
1205087	20ppb 8260 Calibration Standard	S004490-CAL7	VB204015.D	07/23/13 18:05
1206206	50ppb 8260 Calibration Standard	S004490-CAL8	VB204016.D	07/23/13 18:36
1206207	100ppb 8260 Calibration Standard	S004490-CAL9	VB204017.D	07/23/13 19:08
1206208	200ppb 8260 Calibration Standard	S004490-CALA	VB204018.D	07/23/13 19:39

Injection Log

W:\DATA\072313\

Date	Filename	Lab ID	Sample Info
23 Jul 2013 9:12 am	VB204001.D	CLEAN UP	
23 Jul 2013 9:45 am	VB204002.D	8260 STD 10 PPB 1307209	
23 Jul 2013 10:22 am	VB204003.D	8260 STD 10 PPB 1307209	
23 Jul 2013 10:55 am	VB204004.D	8260 STD 10 PPB 1307209	
23 Jul 2013 11:38 am	VB204005.D	8260 STD 10 PPB 1307209	
23 Jul 2013 1:23 pm	VB204006.D	CLEAN UP	
23 Jul 2013 1:54 pm	VB204007.D	CLEAN UP	
23 Jul 2013 2:25 pm	VB204008.D	BFB	
23 Jul 2013 2:56 pm	VB204009.D	8260STD 0.4PPB 1307209	
23 Jul 2013 3:28 pm	VB204010.D	8260STD 0.5PPB 1307209	
23 Jul 2013 3:59 pm	VB204011.D	8260STD 1.0PPB 1307209	
23 Jul 2013 4:31 pm	VB204012.D	8260STD 2.0PPB 1307209	
23 Jul 2013 5:02 pm	VB204013.D	8260STD 5.0PPB 1307209	
23 Jul 2013 5:34 pm	VB204014.D	8260STD 10PPB 1307209	
23 Jul 2013 6:05 pm	VB204015.D	8260STD 20PPB 1307209	
23 Jul 2013 6:36 pm	VB204016.D	8260STD 50PPB 1307209	
23 Jul 2013 7:08 pm	VB204017.D	8260STD 100PPB 1307209	
23 Jul 2013 7:39 pm	VB204018.D	8260STD 200PPB 1307209	
23 Jul 2013 8:10 pm	VB204019.D	CLEAN UP	
23 Jul 2013 8:42 pm	VB204020.D	CLEAN UP	
23 Jul 2013 9:13 pm	VB204021.D	B0-BS1	
23 Jul 2013 9:44 pm	VB204022.D	B0-BSD1	
23 Jul 2013 10:16 pm	VB204023.D	CLEAN UP	
23 Jul 2013 10:47 pm	VB204024.D	CLEAN UP	
23 Jul 2013 11:18 pm	VB204025.D	B0-BLK1 @ SPLP	
23 Jul 2013 11:49 pm	VB204026.D	13G0642-11 @ SPLP	
24 Jul 2013 12:20 am	VB204027.D	13G0642-14 @ SPLP	
24 Jul 2013 12:51 am	VB204028.D	13G0642-19 @ SPLP	
24 Jul 2013 1:22 am	VB204029.D	13G0642-21 @ SPLP	
24 Jul 2013 1:53 am	VB204030.D	13G0642-17 @ 5X SPLP	5
24 Jul 2013 2:24 am	VB204031.D	13G0642-20 @ 2X SPLP	2
24 Jul 2013 2:55 am	VB204032.D	CLEAN UP	

Response Factor Report GCMSVOA2

Method Path : W:\METHODS\
Method File : B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012
Response Via : Initial Calibration

Calibration Files
0.4 =VB204009.D 0.5 =VB204010.D 1.0 =VB204011.D 2.0 =VB204012.D 5.0 =VB204013.D 10 =VB204018.D 20 =VB204015.D 50 =VB204016.D
100 =VB204017.D 200 =VB204018.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	ISTD											
2)	S	1,2-DICHLOROET...	0.663	0.662	0.662	0.676	0.667	0.664	0.660	0.671	0.655	0.662	0.664	0.86
3)	T	DICHLORODIFLOU...			0.425	0.548	0.538	0.526	0.535	0.450	0.459	0.450	0.491	10.17
4)		DIFLUOROCHLORO...		0.563	0.666	0.768	0.757	0.738	0.757	0.665	0.655	0.645	0.691	9.99
5)	P	CHLOROMETHANE		0.485	0.547	0.575	0.616	0.583	0.654	0.538	0.563	0.634	0.577	9.08
6)	C	VINYL CHLORIDE		0.365	0.395	0.448	0.464	0.454	0.500	0.428	0.441	0.523	0.447	10.83#
7)	T	BROMOMETHANE		0.519	0.365	0.295	0.264	0.211	0.102	0.114	0.092	0.092	0.228	64.91
8)		CHLOROETHANE		0.193	0.209	0.218	0.212	0.212	0.206	0.192	0.184		0.203	5.88
9)		FLUORODICHLORO...		0.533	0.651	0.679	0.698	0.681	0.706	0.640	0.646	0.627	0.651	7.95
10)	T	TRICHLOROFLUOR...		0.422	0.505	0.582	0.583	0.580	0.611	0.541	0.554	0.550	0.548	10.30
11)		ETHANOL				0.004	0.004	0.004	0.004	0.004	0.003		0.004	6.88
12)	T	DI ETHYL ETHER	0.327	0.372	0.391	0.337	0.331	0.317	0.345	0.313	0.305	0.320	0.336	8.07
13)		ACROLEIN	0.056	0.067	0.071	0.067	0.068	0.069	0.075	0.067	0.065	0.068	0.067	7.13
14)	T	ACETONE			0.191	0.169	0.159	0.148	0.159	0.144	0.131	0.132	0.154	12.86
15)	C	1,1-DICHLOROET...		0.434	0.506	0.564	0.557	0.560	0.592	0.526	0.519	0.531	0.532	8.52#
16)		1,1,2-TRICL-1,...			0.231	0.294	0.285	0.273	0.285	0.258	0.258	0.266	0.269	7.50
17)		IODOMETHANE				0.351	0.426	0.448	0.488	0.451	0.423	0.399	0.427	10.15
18)		METHYL ACETATE		0.390	0.409	0.406	0.395	0.405	0.454	0.375	0.358	0.388	0.398	6.72
19)		T-BUTYL ALCOHOL	0.040	0.041	0.046	0.045	0.049	0.047	0.050	0.045	0.049	0.054	0.046	8.91
20)		ACRYLONITRILE			0.167	0.249	0.246	0.241	0.182	0.214	0.210	0.202	0.214	14.10
21)		METHYLENE CHLO...						0.562	0.549	0.472	0.448	0.471	0.500	10.30
22)		CARBON DISULFIDE		0.578	0.699	0.818	0.874	0.886	0.930	0.791	0.712		0.786	14.88
23)		METHYL TERT-BU...	0.863	0.985	1.357	1.391	1.362	1.341	1.322	1.302	1.252	1.284	1.246	14.18
24)		TRANS 1,2-DICH...		0.426	0.627	0.690	0.734	0.697	0.636	0.655	0.617	0.617	0.633	13.84
25)		1,1-DICHLOROET...		0.629	0.795	0.888	0.889	0.853	0.886	0.812	0.793	0.817	0.818	9.92
26)		VINYL ACETATE	1.010	1.118	1.298	1.236	1.227	1.148	1.206	1.043	0.915	0.773	1.097	14.89
27)		DI ISOPROPYL E...		1.421	1.665	1.622	1.661	1.539	1.566	1.378	1.258	1.138	1.472	12.65
28)		2-BUTANONE	0.260	0.287	0.317	0.312	0.297	0.292	0.298	0.269	0.255	0.251	0.284	8.29
29)		T-BUTYL ETHYL ...	1.066	1.242	1.470	1.472	1.498	1.442	1.529	1.423	1.410	1.457	1.401	10.05
30)		CIS-1,2-DICHLO...		0.635	0.799	0.830	0.828	0.786	0.812	0.749	0.732	0.739	0.768	8.10
31)		2,2-DICHLOROPR...		0.330	0.474	0.498	0.537	0.538	0.576	0.543	0.550	0.570	0.513	14.81
32)		ETHYL ACETATE		0.646	0.757	0.748	0.685	0.672	0.676	0.616	0.596	0.615	0.668	8.51
33)		BROMOCHLOROMET...		0.160	0.199	0.226	0.226	0.224	0.232	0.213	0.203	0.200	0.209	10.71
34)		TETRAHYDROFURAN			0.148	0.178	0.173	0.167	0.183	0.162	0.158	0.168	0.167	6.59
35)		CHLOROFORM	0.561	0.765	0.858	0.868	0.868	0.841	0.873	0.805	0.791	0.813	0.804	11.57#
36)		1,1,1-TRICHLOR...		0.443	0.551	0.633	0.669	0.676	0.718	0.683	0.695	0.723	0.643	14.21
37)		CYCLOHEXANE					0.816	0.735	0.712	0.635	0.624	0.632	0.692	11.03
38)		CARBON TETRACH...			0.400	0.479	0.527	0.538	0.592	0.575	0.590	0.616	0.540	13.21
39)		1,1-DICHLOROPR...		0.432	0.564	0.629	0.636	0.629	0.651	0.584	0.581	0.587	0.588	11.17
40)		BENZENE		1.620	1.941	1.984	1.987	1.883	1.861	1.720	1.664	1.649	1.812	8.23
41)		T-AMYLMETHYL E...	0.855	1.016	1.176	1.189	1.199	1.190	1.242	1.185	1.202	1.254	1.151	10.61

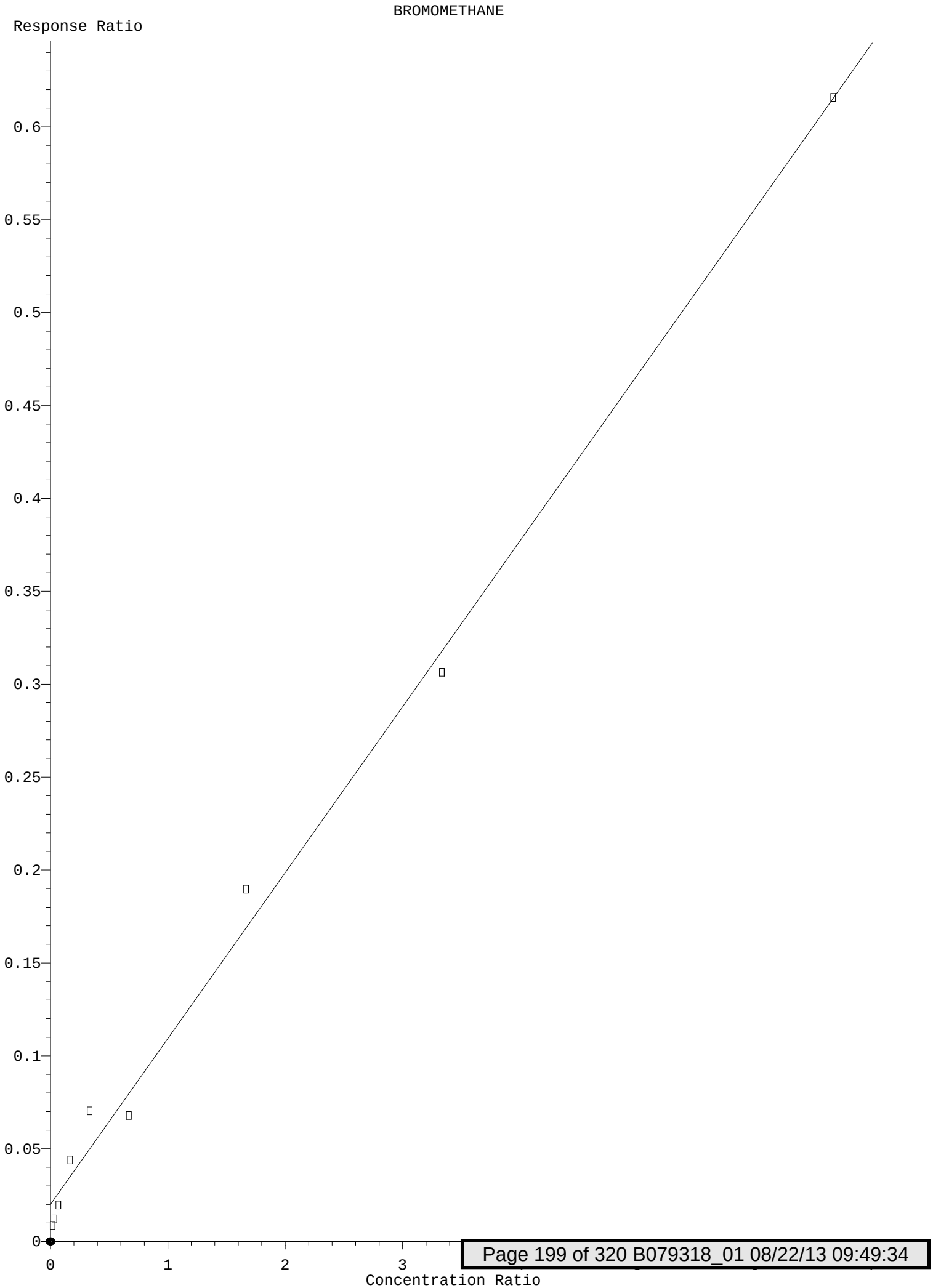
Method Path : W:\METHODS\
Method File : B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973

42)	I	1,4-DIFLOUROBENZEN...	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	----------	----------	
43)	S	TOLUENE-D8 SS	1.165	1.166	1.187	1.175	1.167	1.190	1.180	1.202	1.178	1.193	1.180	1.07
44)	T	1,2-DICHLOROET...	0.381	0.445	0.520	0.534	0.518	0.519	0.530	0.500	0.486	0.487	0.492	9.59
45)	T	TRICHLOROETHENE		0.245	0.271	0.312	0.313	0.307	0.309	0.292	0.283	0.285	0.291	7.74
46)		METHYLCYCLOHEXANE		0.207	0.221	0.297	0.299	0.299	0.300	0.282	0.277	0.286	0.274	12.90
47)	C	1,2-DICHLOROPR...		0.250	0.300	0.322	0.330	0.318	0.319	0.302	0.293	0.299	0.304	7.82#
48)	T	DIBROMOMETHANE		0.136	0.189	0.197	0.200	0.199	0.204	0.197	0.192	0.197	0.190	10.88
49)		1,4-DIOXANE					0.002	0.003	0.003	0.003	0.003	0.003	0.003	8.52
50)	T	BROMODICHLOROM...			0.305	0.317	0.346	0.358	0.398	0.397	0.399	0.418	0.367	11.39
51)		2-CHLOROETHYLV...	0.139	0.157	0.190	0.186	0.188	0.184	0.184	0.167	0.149	0.139	0.168	12.27
52)	T	MIBK	0.319	0.354	0.417	0.412	0.396	0.392	0.387	0.343	0.299	0.265	0.358	14.30
53)	T	CIS-1,3-DICHLO...			0.368	0.386	0.427	0.447	0.486	0.488	0.487	0.509	0.450	11.52
54)	C	TOLUENE		1.128	1.305	1.328	1.304	1.269	1.283	1.199	1.155	1.137	1.234	6.46#
55)	T	TRANS-1,3,-DIC...					0.338	0.370	0.416	0.433	0.446	0.478	0.414	12.40
56)		ETHYL METHACRY...		0.208	0.335	0.323	0.350	0.357	0.364	0.362	0.338	0.331	0.330	14.51
57)	T	1,1,2-TRICHLOR...	0.188	0.227	0.271	0.286	0.288	0.279	0.284	0.270	0.261	0.271	0.262	11.97
58)		2-HEXANONE	0.202	0.231	0.276	0.277	0.281	0.280	0.284	0.255	0.231	0.215	0.253	12.14
59)	T	TETRACHLOROETHENE		0.161	0.216	0.246	0.236	0.234	0.241	0.227	0.222	0.227	0.223	11.26
60)		1,3-DICHLOROPR...	0.333	0.436	0.527	0.523	0.527	0.511	0.526	0.497	0.488	0.499	0.487	12.45
61)	T	DIBROMOCHLOROM...	0.118	0.137	0.187	0.210	0.237	0.257	0.290	0.302	0.315	0.344	0.240	31.78
62)	T	1,2-DIBROMOETHANE	0.197	0.251	0.295	0.309	0.301	0.307	0.324	0.308	0.306	0.323	0.292	13.34
63)	I	CHLOROBENZENE-D5 ISTD	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	----------	----------	
64)	S	4-BROMOFLUROBE...	0.919	0.910	0.934	0.926	0.932	0.935	0.932	0.949	0.938	1.000	0.938	2.61
65)		CHLOROBENZENE	0.994	1.375	1.711	1.690	1.724	1.644	1.689	1.571	1.525	1.521	1.544	14.40
66)		1,1,1,2-TETRAC...			0.392	0.453	0.498	0.507	0.537	0.532	0.542	0.574	0.504	11.47
67)		ETHYLBENZENE		2.155	2.684	2.813	2.793	2.724	2.779	2.598	2.502	2.452	2.611	8.19#
68)		M/P-XYLENES		1.779	2.122	2.241	2.231	2.156	2.166	1.997	1.879	1.786	2.040	9.06
69)		0-XYLENE		1.685	2.179	2.263	2.337	2.277	2.318	2.159	2.060	2.033	2.146	9.48
70)		STYRENE		1.262	1.647	1.770	1.843	1.795	1.878	1.744	1.679	1.679	1.700	10.68
71)		BROMOFORM			0.228	0.232	0.272	0.302	0.361	0.403	0.441	0.512	0.344	29.96
72)		ISOPROPYLBENZENE		1.846	2.439	2.631	2.660	2.630	2.690	2.486	2.396	2.412	2.466	10.48
73)		CIS-1,4-DICHLO...					0.214	0.222	0.253	0.261	0.276	0.317	0.257	14.63
74)		1,1,2,2-TETRAC...	0.528	0.621	0.712	0.739	0.754	0.737	0.763	0.723	0.731	0.786	0.709	10.89
75)		1,4-DICHLORO-2...			0.158	0.162	0.196	0.212	0.239	0.258	0.272	0.309	0.226	23.72
76)		BROMOBENZENE	0.790	0.957	1.177	1.189	1.178	1.133	1.161	1.100	1.078	1.130	1.089	11.52
77)		1,2,3-TRICHLOR...		0.152	0.259	0.241	0.245	0.245	0.256	0.242	0.244	0.265	0.239	14.12
78)		N-PROPYLBENZENE		2.105	2.585	2.823	2.835	2.804	2.879	2.688	2.626	2.619	2.663	8.84
79)		2-CHLOROT0LUENE		1.596	1.951	2.055	2.040	1.892	1.946	1.830	1.791	1.851	1.884	7.46
80)		1,3,5-TRIMETHY...		1.599	2.037	2.208	2.324	2.230	2.304	2.137	2.073	2.076	2.110	10.29
81)		4-CHLOROTOLUENE		1.666	2.179	2.266	2.276	2.196	2.263	2.095	2.040	2.060	2.116	9.03
82)		1,4-DICHLOROBENZEN...	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	----------	----------	
83)		TERT-BUTYLBENZENE		1.395	1.718	1.933	1.873	1.830	1.872	1.737	1.707	1.739	1.756	8.98
84)		1,2,4-TRIMETHY...		1.805	2.299	2.505	2.500	2.432	2.489	2.317	2.292	2.284	2.325	9.32
85)		SEC-BUTYLBENZENE		1.848	2.305	2.606	2.525	2.477	2.531	2.323	2.286	2.287	2.354	9.59
86)		1,3-DICHLOROBE...	0.836	1.150	1.321	1.430	1.394	1.377	1.418	1.330	1.322	1.365	1.294	13.85
87)		P-ISOPROPYLTOL...		1.524	1.834	2.113	2.100	2.120	2.192	2.039	2.017	2.023	1.996	10.19
88)		1,4-DICHLOROBE...	0.969	1.192	1.360	1.390	1.369	1.354	1.391	1.305	1.308	1.345	1.298	9.98
89)		N-BUTYLBENZENE			1.099	1.389	1.549	1.652	1.744	1.619	1.613	1.641	1.538	13.31

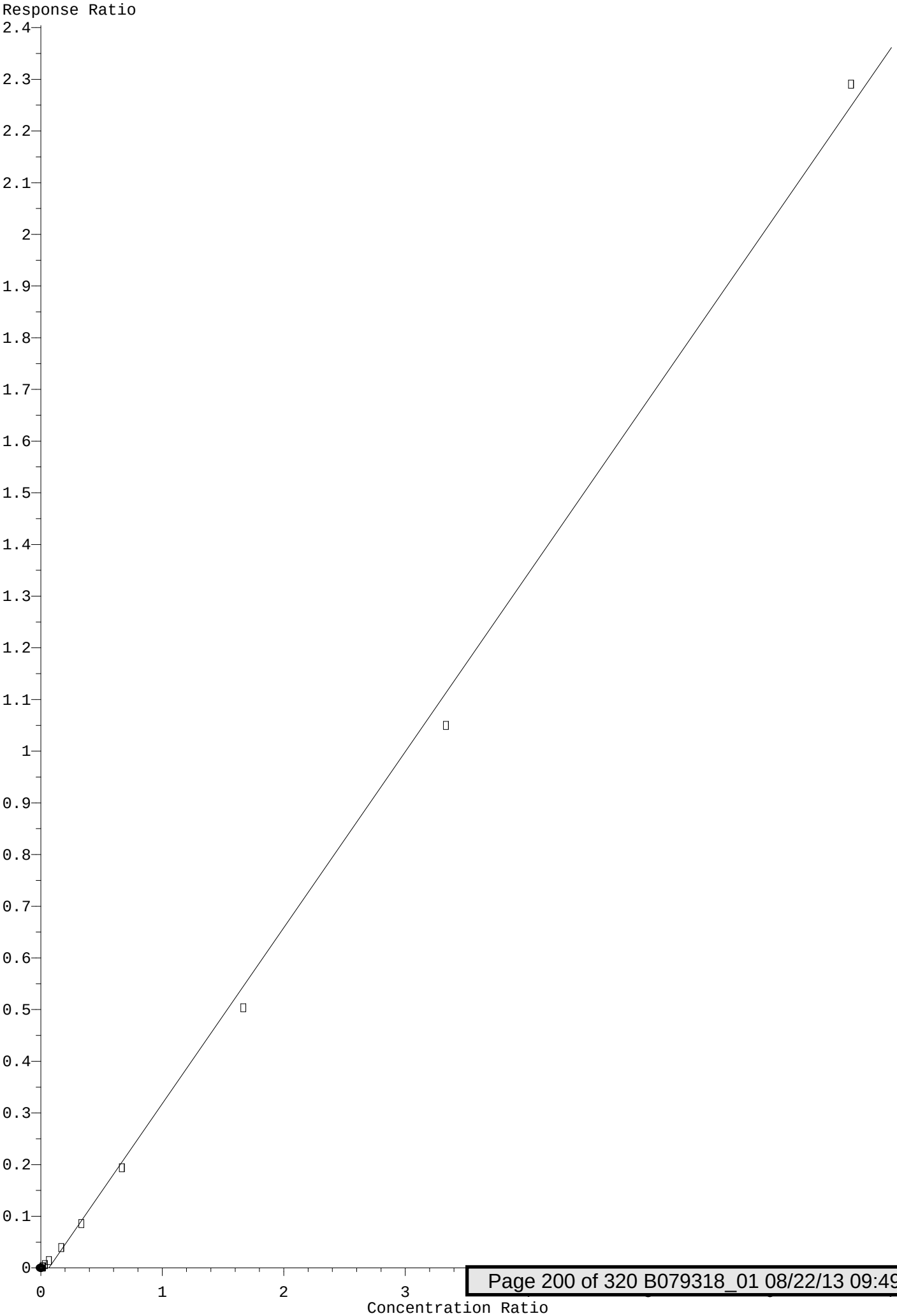
Method Path : W:\METHODS\
Method File : B0723W13.M
Title : 8260 CALIBRATION VOAMS 5973

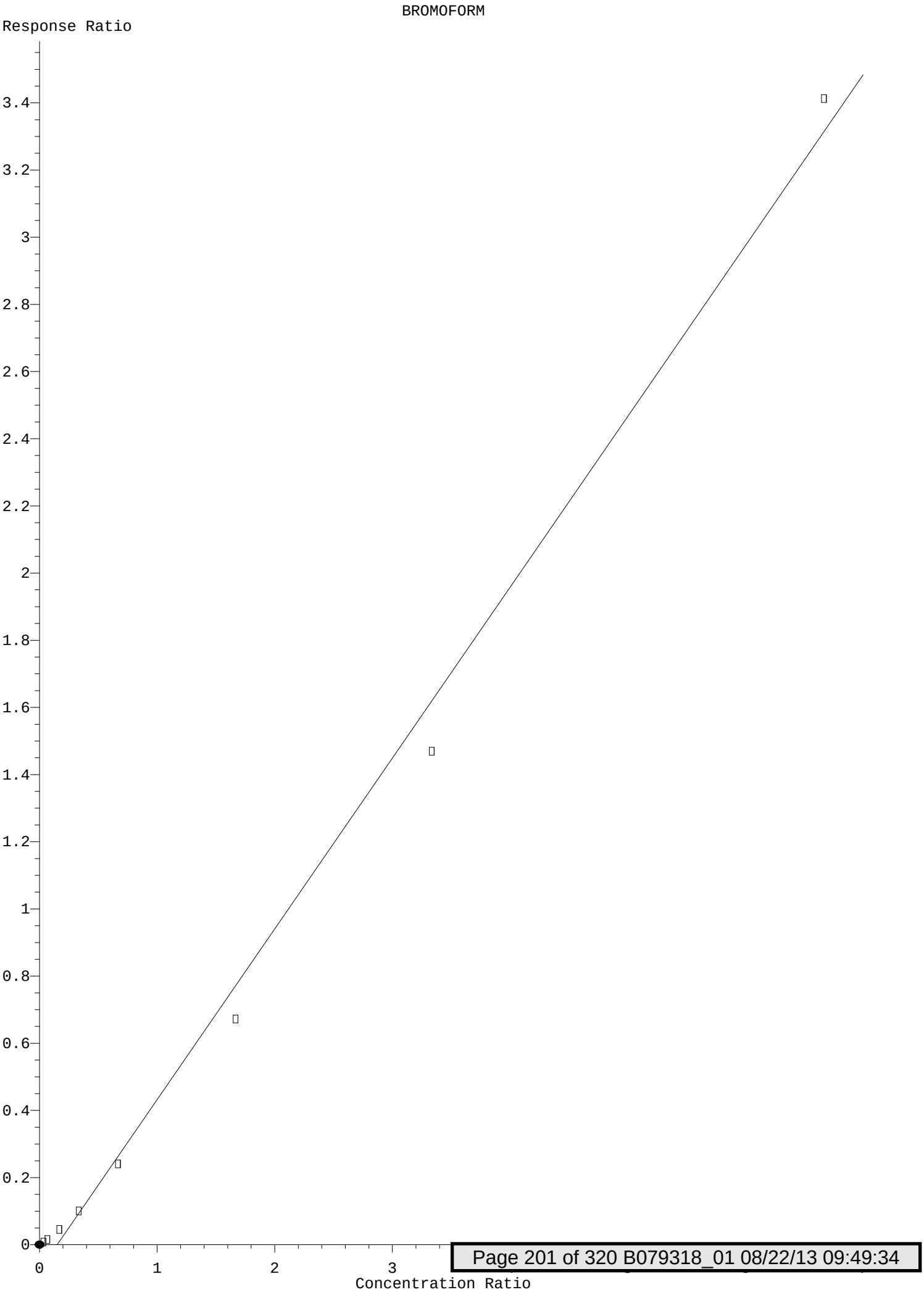
90)	T	1,2-DICHLOROBE...	0.888	1.076	1.349	1.394	1.411	1.366	1.414	1.335	1.317	1.353	1.290	13.26
91)		1,2-DIBROMO-3-...				0.074	0.084	0.097	0.121	0.132	0.147	0.165	0.117	28.68
92)		1,3,5-TRICHLOR...					0.617	0.666	0.757	0.741	0.761	0.811	0.726	9.76
93)	T	1,2,4-TRICHLOR...				0.100	0.258	0.390	0.522	0.612	0.678	0.752	0.473	49.88
94)	T	HEXACHLOROBUTA...			0.197	0.252	0.262	0.271	0.293	0.278	0.286	0.309	0.269	12.65
95)	T	NAPHTHALENE					0.344	0.622	0.952	1.227	1.406	1.575	1.021	46.36
96)		1,2,3-TRICHLOR...				0.069	0.169	0.261	0.349	0.418	0.474	0.539	0.326	51.91

(#) = Out of Range

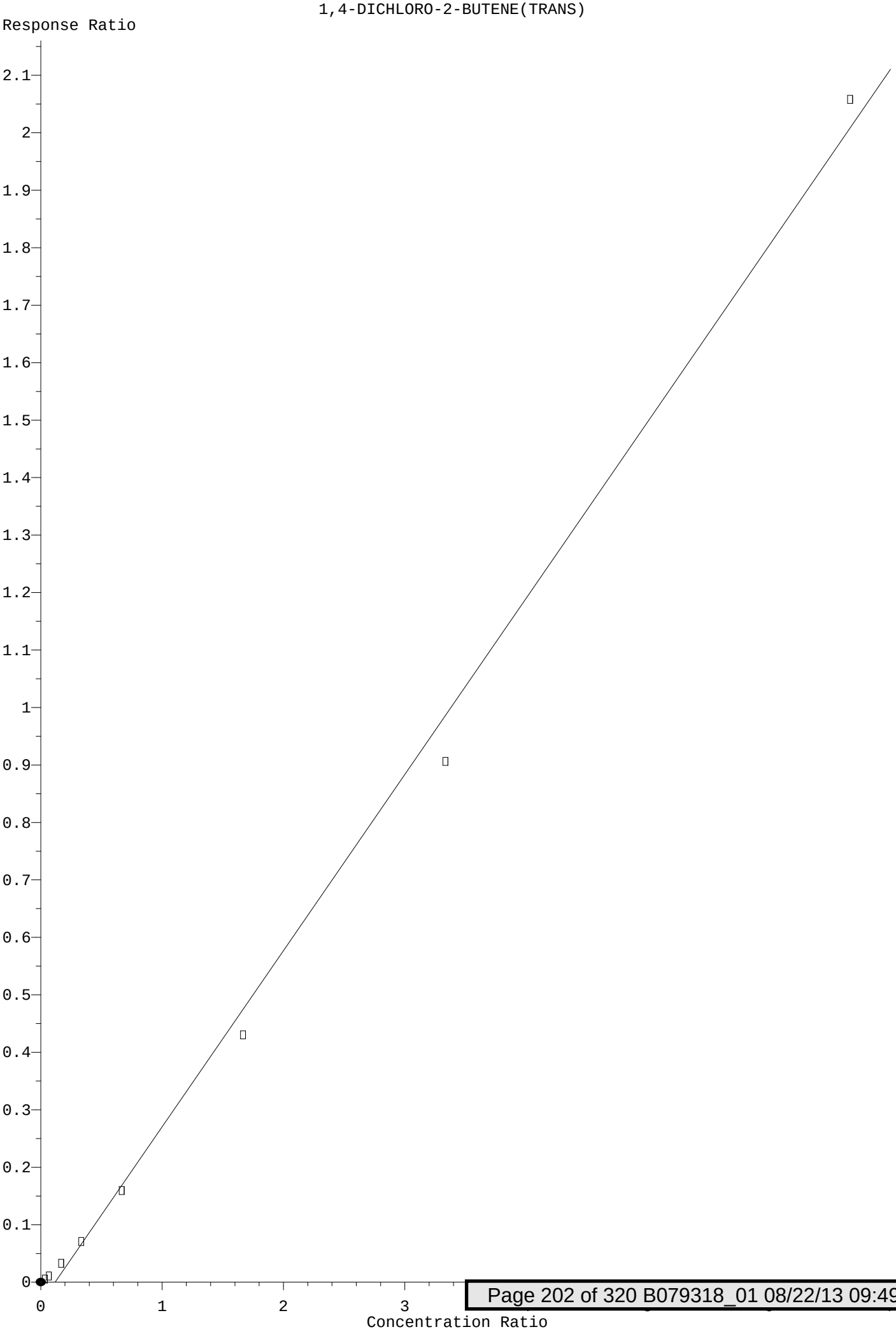

BROMOMETHANE
Response Ratio
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
1
2
3
Concentration Ratio

DIBROMOCHLOROMETHANE

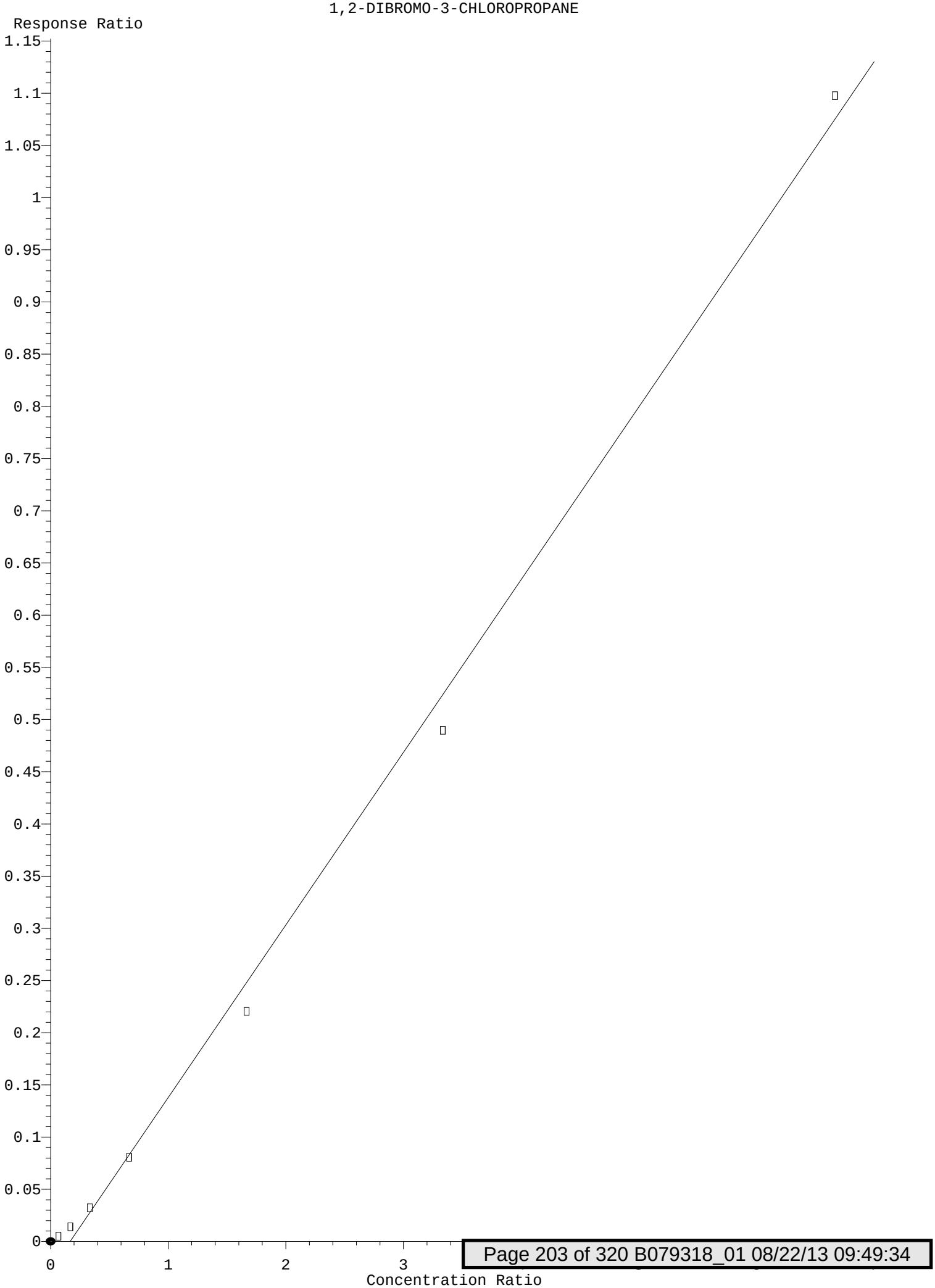


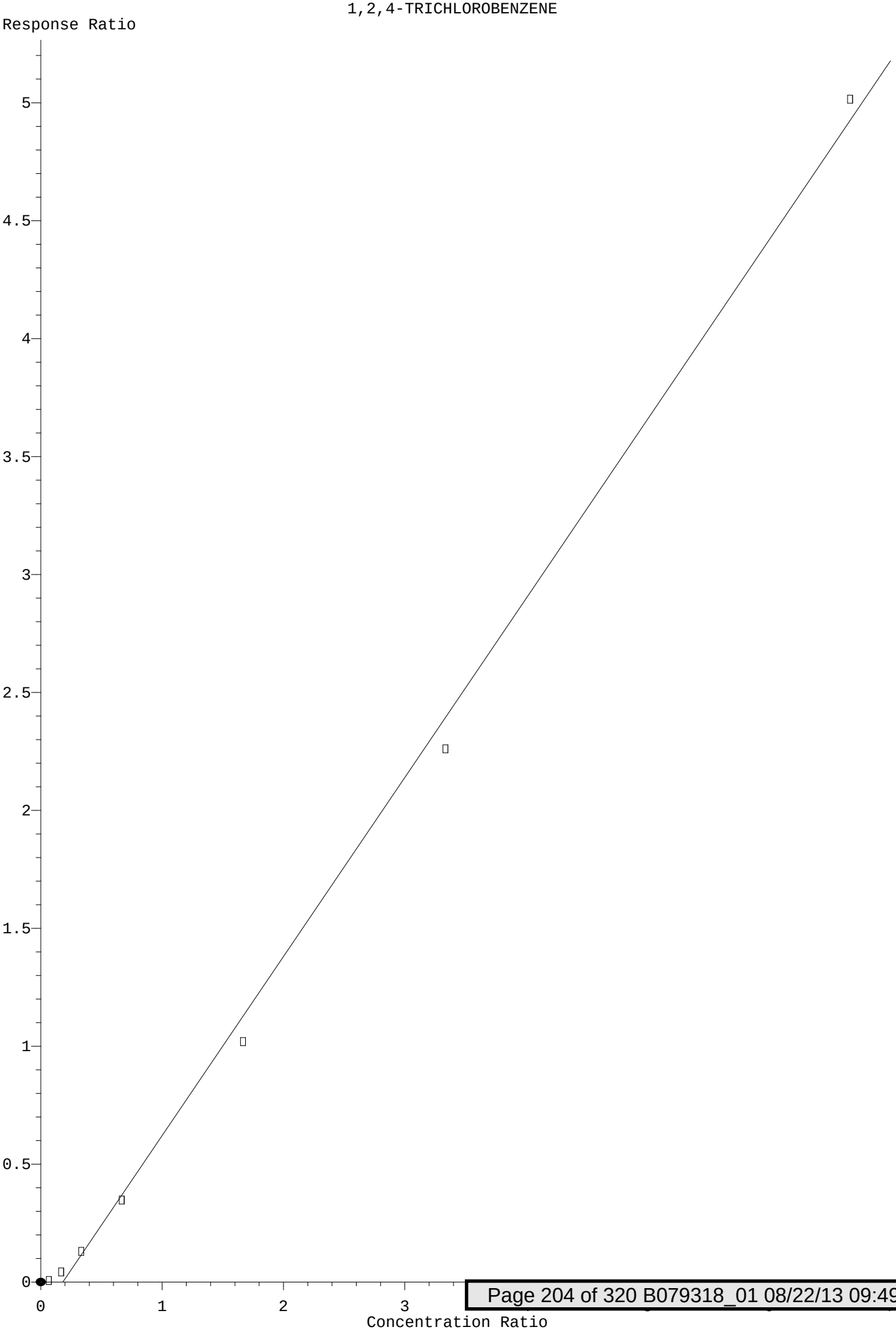

BROMOFORM
Response Ratio
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
Concentration Ratio

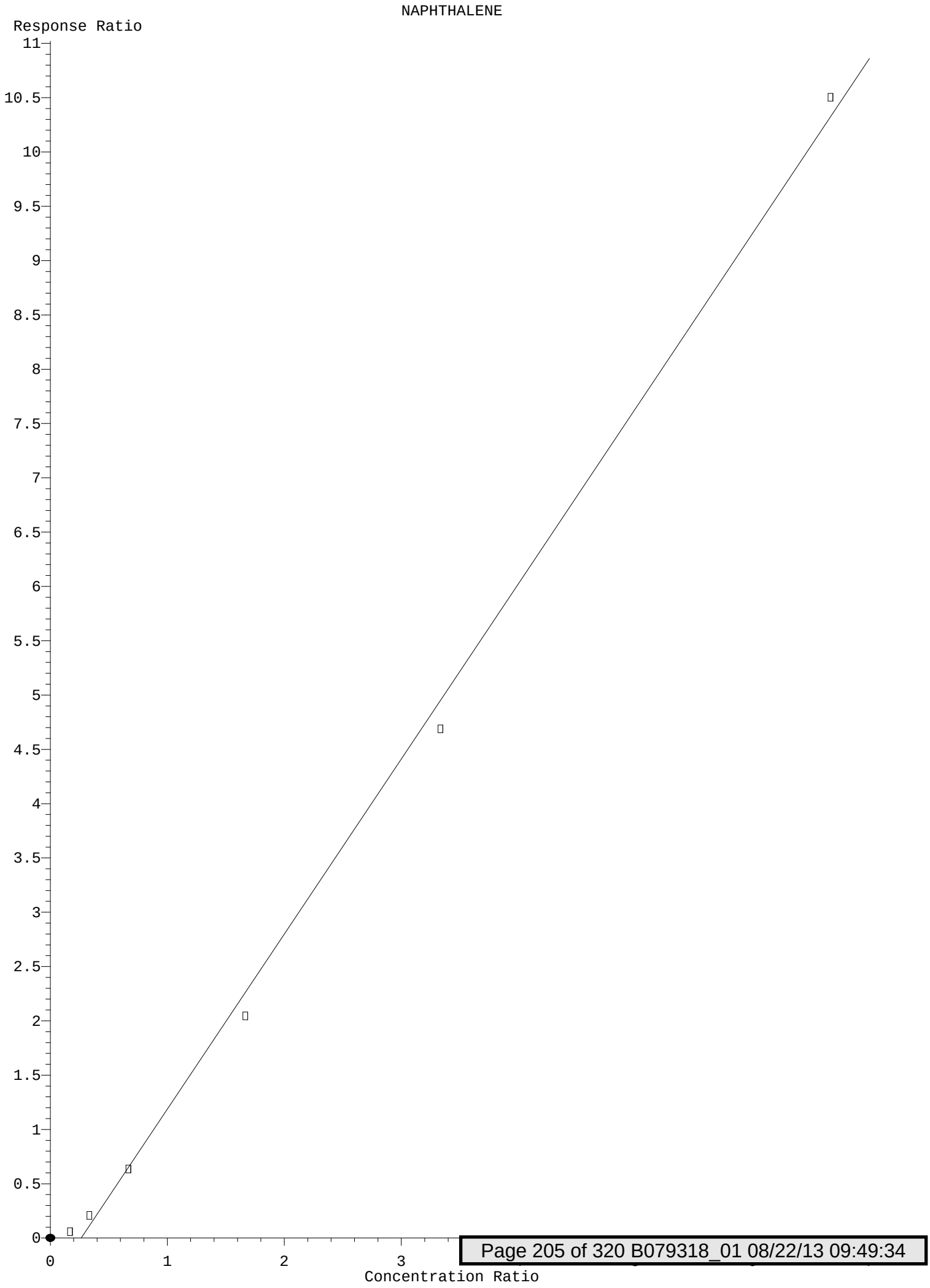
1,4-DICHLORO-2-BUTENE(TRANS)



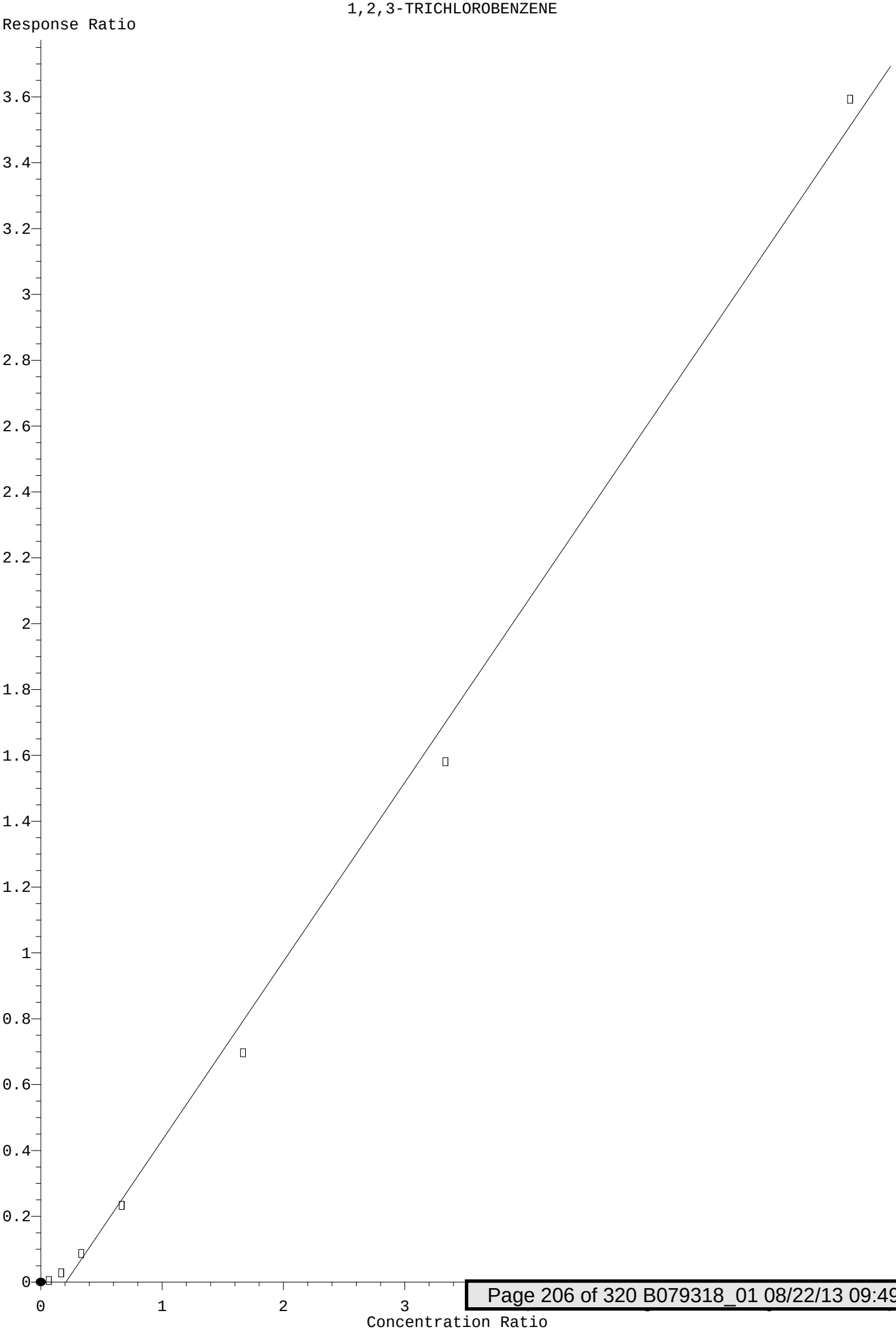
1,2-DIBROMO-3-CHLOROPROPANE




1,2,4-TRICHLOROBENZENE
Response Ratio
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
Concentration Ratio


NAPHTHALENE
Response Ratio
11
10.5
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
Concentration Ratio

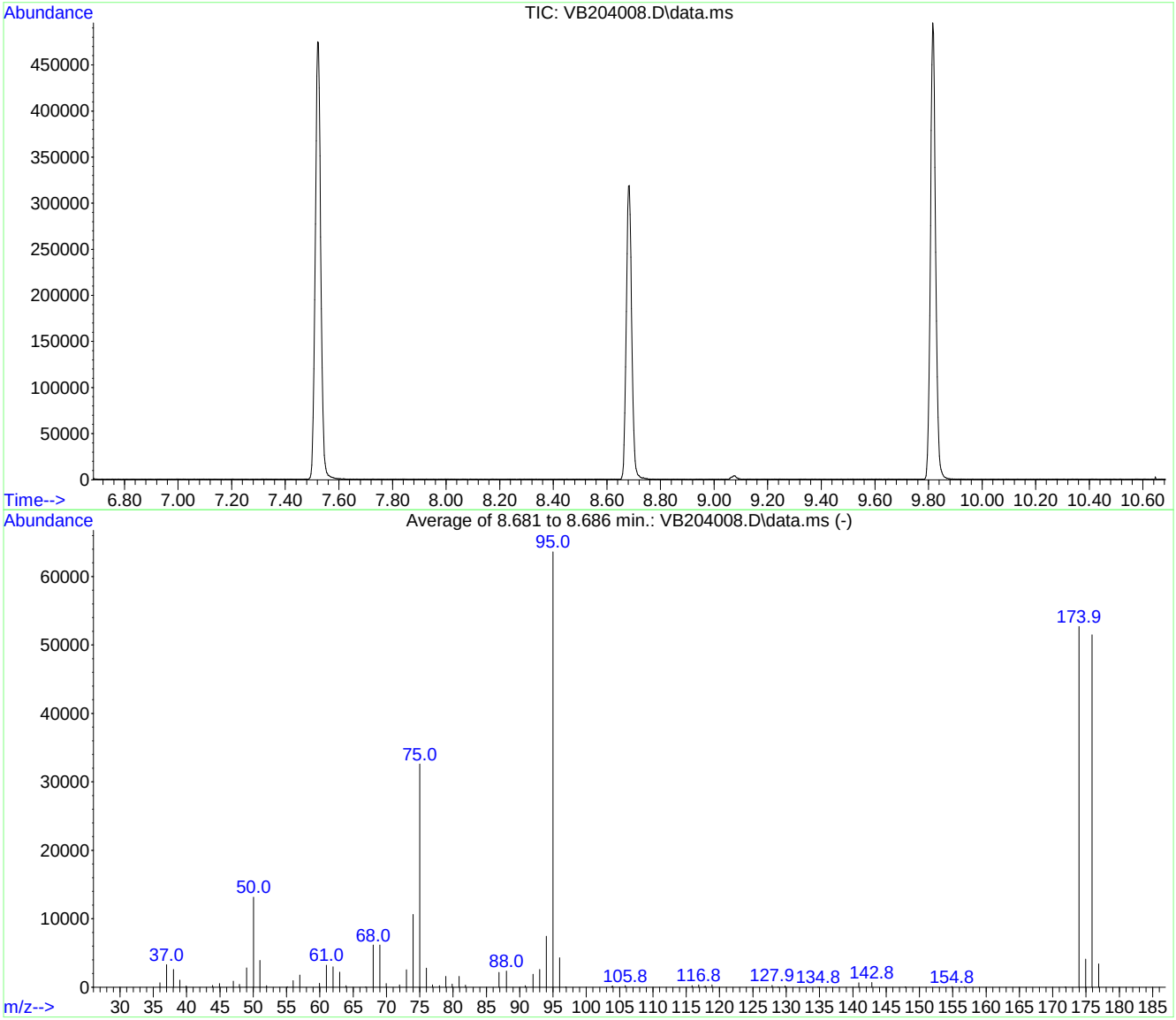
1,2,3-TRICHLOROBENZENE



Data Path : W:\DATA\072313\
Data File : VB204008.D
Acq On : 23 Jul 2013 2:25 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B0703W13.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



AutoFind: Scans 2766, 2767, 2768; Background Corrected with Scan 2753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	13141	PASS
75	95	30	60	51.3	32605	PASS
95	95	100	100	100.0	63597	PASS
96	95	5	9	6.8	4303	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.8	52680	PASS
175	174	5	9	7.8	4092	PASS
176	174	95	101	97.8	51499	PASS
177	176	5	9	6.6	3384	PASS

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204009.D Vial: 9
Acq On : 23 Jul 2013 2:56 pm Operator:
Sample : 8260STD 0.4PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:25:56 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.960	168	156388	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	243174	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	124861	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.819	152	109432	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	86405	32.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.76%#				
43) TOLUENE-D8 SS	6.121	98	236046	24.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.16%				
64) 4-BROMOFLUROBENZENE SS	8.684	95	95593	23.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.44%				
Target Compounds							Qvalue
5) CHLOROMETHANE	1.132	50	640	0.203	UG/L	#	42
8) CHLOROETHANE	1.428	64	105	Below Cal		#	43
9) FLUORODICHLOROMETHANE	1.534	67	584	0.212	UG/L		90
12) DI ETHYL ETHER	1.740	59	681	0.398	UG/L	#	62
13) ACROLEIN	1.829	56	1169	3.389	UG/L	#	95
14) ACETONE	1.927	43	4169	5.845	UG/L		95
15) 1,1-DICHLOROETHENE	1.890	61	249m	0.108	UG/L		
17) IODOMETHANE	1.994	142	2574	1.213	UG/L		92
19) T-BUTYL ALCOHOL	2.325	59	827m	2.839	UG/L		
20) ACRYLONITRILE	2.429	53	146m	0.165	UG/L		
21) METHYLENE CHLORIDE	2.228	49	5365	Below Cal		#	87
22) CARBON DISULFIDE	2.041	76	4764	1.224	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.448	73	1800	0.365	UG/L	#	50
24) TRANS 1,2-DICHLOROETHENE	2.440	61	456m	0.198	UG/L		
25) 1,1-DICHLOROETHANE	2.813	63	818m	0.226	UG/L		
26) VINYL ACETATE	2.878	43	21051	3.692	UG/L	#	90
27) DI ISOPROPYL ETHER	2.894	45	2232	0.321	UG/L	#	50
28) 2-BUTANONE	3.444	43	5431	3.742	UG/L	#	91
29) T-BUTYL ETHYL ETHER	3.279	59	2222	0.342	UG/L	#	41
30) CIS-1,2-DICHLOROETHENE	3.410	61	863	0.262	UG/L	#	30
33) BROMOCHLOROMETHANE	3.642	128	183m	0.169	UG/L		
35) CHLOROFORM	3.737	83	1170	0.352	UG/L		95
36) 1,1,1-TRICHLOROETHANE	3.907	97	354m	0.133	UG/L		
40) BENZENE	4.280	78	2266	0.259	UG/L	#	50
41) T-AMYLMETHYL ETHER	4.417	73	1783	0.318	UG/L	#	73
44) 1,2-DICHLOROETHANE	4.303	62	1236	0.412	UG/L	#	49
45) TRICHLOROETHENE	4.922	95	414m	0.196	UG/L		
47) 1,2-DICHLOROPROPANE	5.139	63	593	0.255	UG/L	#	12
48) DIBROMOMETHANE	5.254	93	332m	0.234	UG/L		
50) BROMODICHLOROMETHANE	5.424	83	563	0.228	UG/L	#	25
51) 2-CHLOROETHYLVINYLETHER	5.750	63	4501	2.579	UG/L		91
52) MIBK	6.043	43	10350	3.597	UG/L		93
53) CIS-1,3-DICHLOROPROPENE	5.873	75	664	0.196	UG/L	#	24
54) TOLUENE	6.185	91	2219	0.232	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	502	0.174	UG/L	#	28
56) ETHYL METHACRYLATE	6.542	41	1372	0.546	UG/L	#	85
57) 1,1,2-TRICHLOROETHANE	6.598	97	610	0.296	UG/L	#	68
58) 2-HEXANONE	6.868	43	6555	3.116	UG/L	#	95
60) 1,3-DICHLOROPROPANE	6.751	76	1081	0.297	UG/L	#	81
61) DIBROMOCHLOROMETHANE	6.969	129	382m	1.964	UG/L		
62) 1,2-DIBROMOETHANE	7.061	107	639	0.288	UG/L	#	99
65) CHLOROBENZENE	7.551	112	1655	0.240	UG/L	#	44
66) 1,1,1,2-TETRACHLOROETHANE	7.632	131	380m	0.174	UG/L		
67) ETHYLBENZENE	7.674	91	2165	0.198	UG/L		99
68) M/P-XYLENES	7.791	91	3675	0.442	UG/L		99
69) 0-XYLENE	8.173	91	1977	0.221	UG/L		93
70) STYRENE	8.196	104	1455	0.196	UG/L	#	86
72) ISOPROPYLBENZENE	8.550	105	1713	0.169	UG/L	#	48
74) 1,1,2,2-TETRACHLOROETHANE	8.854	83	879	0.277	UG/L	#	85

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204009.D Vial: 9
Acq On : 23 Jul 2013 2:56 pm Operator:
Sample : 8260STD 0.4PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:25:56 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

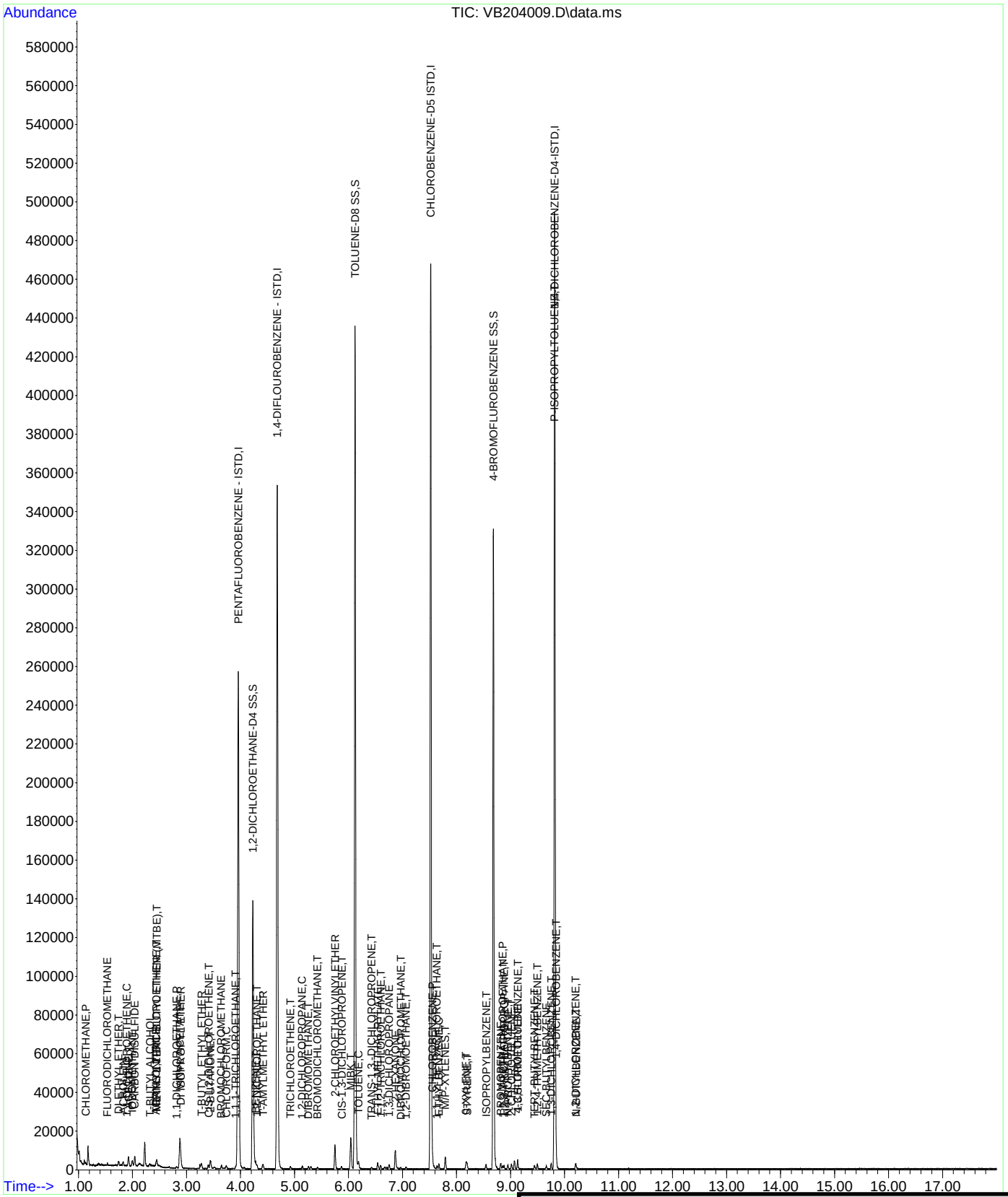
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76)	BROMOBENZENE	8.817	77	1315	0.297	UG/L	#	87
77)	1,2,3-TRICHLOROPROPANE	8.879	110	244m	0.239	UG/L		
78)	N-PROPYLBENZENE	8.951	91	1957	0.177	UG/L	#	51
79)	2-CHLOROT0LUENE	9.015	91	1781	0.236	UG/L	#	42
80)	1,3,5-TRIMETHYLBENZENE	9.135	105	1522	0.180	UG/L		97
81)	4-CHLOROTOLUENE	9.130	91	1784	0.212	UG/L	#	46
83)	TERT-BUTYLBENZENE	9.439	119	1137	0.195	UG/L		95
84)	1,2,4-TRIMETHYLBENZENE	9.495	105	1767	0.238	UG/L	#	86
85)	SEC-BUTYLBENZENE	9.662	105	1365	0.179	UG/L	#	55
86)	1,3-DICHLOROBENZENE	9.754	146	1220	0.267	UG/L	#	73
87)	P-ISOPROPYLTOLUENE	9.810	119	1082	0.161	UG/L	#	54
88)	1,4-DICHLOROBENZENE	9.841	146	1414	0.308	UG/L	#	43
89)	N-BUTYLBENZENE	10.215	91	578	0.118	UG/L	#	31
90)	1,2-DICHLOROBENZENE	10.203	146	1296	0.286	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204009.D Vial: 9
Acq On : 23 Jul 2013 2:56 pm Operator:
Sample : 8260STD 0.4PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:25:56 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204010.D Vial: 10
Acq On : 23 Jul 2013 3:28 pm Operator:
Sample : 8260STD 0.5PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:29:55 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.959	168	155140	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	242009	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	126142	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.815	152	109923	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	85549	32.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.48%#				
43) TOLUENE-D8 SS	6.121	98	235157	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	95616	23.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.48%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	844	0.422	UG/L	#	42
4) DIFLUOROCHLOROMETHANE	1.040	51	1456	0.497	UG/L	#	81
5) CHLOROMETHANE	1.137	50	1253	0.401	UG/L	#	42
6) VINYL CHLORIDE	1.187	62	944	0.420	UG/L	#	43
7) BROMOMETHANE	1.374	94	1342	Below Cal		#	65
8) CHLOROETHANE	1.427	64	498	0.450	UG/L		98
9) FLUORODICHLOROMETHANE	1.536	67	1379	0.505	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.572	101	1090	0.522	UG/L		86
12) DI ETHYL ETHER	1.745	59	963	0.567	UG/L		91
13) ACROLEIN	1.826	56	1725	5.041	UG/L	#	94
14) ACETONE	1.924	43	5609	7.928	UG/L		98
15) 1,1-DICHLOROETHENE	1.890	61	1123	0.489	UG/L	#	75
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	396m	0.329	UG/L		
17) IODOMETHANE	1.996	142	5569	2.644	UG/L		93
18) METHYL ACETATE	2.152	43	1009	0.490	UG/L	#	60
19) T-BUTYL ALCOHOL	2.325	59	1057	3.658	UG/L	#	70
20) ACRYLONITRILE	2.428	53	307m	0.350	UG/L		
21) METHYLENE CHLORIDE	2.228	49	6395	Below Cal			88
22) CARBON DISULFIDE	2.044	76	14947	3.872	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.451	73	2547	0.520	UG/L		94
24) TRANS 1,2-DICHLOROETHENE	2.442	61	1102	0.482	UG/L	#	74
25) 1,1-DICHLOROETHANE	2.819	63	1627	0.452	UG/L	#	90
26) VINYL ACETATE	2.877	43	28896	5.108	UG/L	#	90
27) DI ISOPROPYL ETHER	2.897	45	3673	0.532	UG/L		94
28) 2-BUTANONE	3.443	43	7415	5.149	UG/L	#	93
29) T-BUTYL ETHYL ETHER	3.268	59	3212	0.499	UG/L		95
30) CIS-1,2-DICHLOROETHENE	3.404	61	1641	0.502	UG/L		94
31) 2,2-DICHLOROPROPANE	3.399	77	852	0.406	UG/L	#	48
32) ETHYL ACETATE	3.513	43	1671	0.481	UG/L	#	72
33) BROMOCHLOROMETHANE	3.650	128	413m	0.386	UG/L		
35) CHLOROFORM	3.742	83	1979	0.600	UG/L		94
36) 1,1,1-TRICHLOROETHANE	3.906	97	1145	0.434	UG/L	#	47
37) CYCLOHEXANE	3.954	56	4450	1.284	UG/L	#	49
38) CARBON TETRACHLORIDE	4.065	117	741	0.343	UG/L		97
39) 1,1-DICHLOROPROPENE	4.071	75	1118	0.433	UG/L	#	43
40) BENZENE	4.280	78	4190	0.482	UG/L	#	50
41) T-AMYLMETHYL ETHER	4.414	73	2628	0.472	UG/L	#	89
44) 1,2-DICHLOROETHANE	4.305	62	1793	0.600	UG/L	#	49
45) TRICHLOROETHENE	4.930	95	990	0.471	UG/L		92
46) METHYLCYCLOHEXANE	5.105	83	835	0.383	UG/L	#	71
47) 1,2-DICHLOROPROPANE	5.147	63	1009	0.436	UG/L		94
48) DIBROMOMETHANE	5.256	93	549	0.388	UG/L	#	54
50) BROMODICHLOROMETHANE	5.429	83	951	0.388	UG/L	#	25
51) 2-CHLOROETHYLVINYLETHER	5.752	63	6324	3.641	UG/L		96
52) MIBK	6.042	43	14267	4.982	UG/L	#	93
53) CIS-1,3-DICHLOROPROPENE	5.870	75	1039	0.308	UG/L	#	82
54) TOLUENE	6.187	91	4549	0.477	UG/L		94
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	831	0.289	UG/L	#	28
56) ETHYL METHACRYLATE	6.542	41	1680	0.671	UG/L	#	78

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204010.D Vial: 10
Acq On : 23 Jul 2013 3:28 pm Operator:
Sample : 8260STD 0.5PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:29:55 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

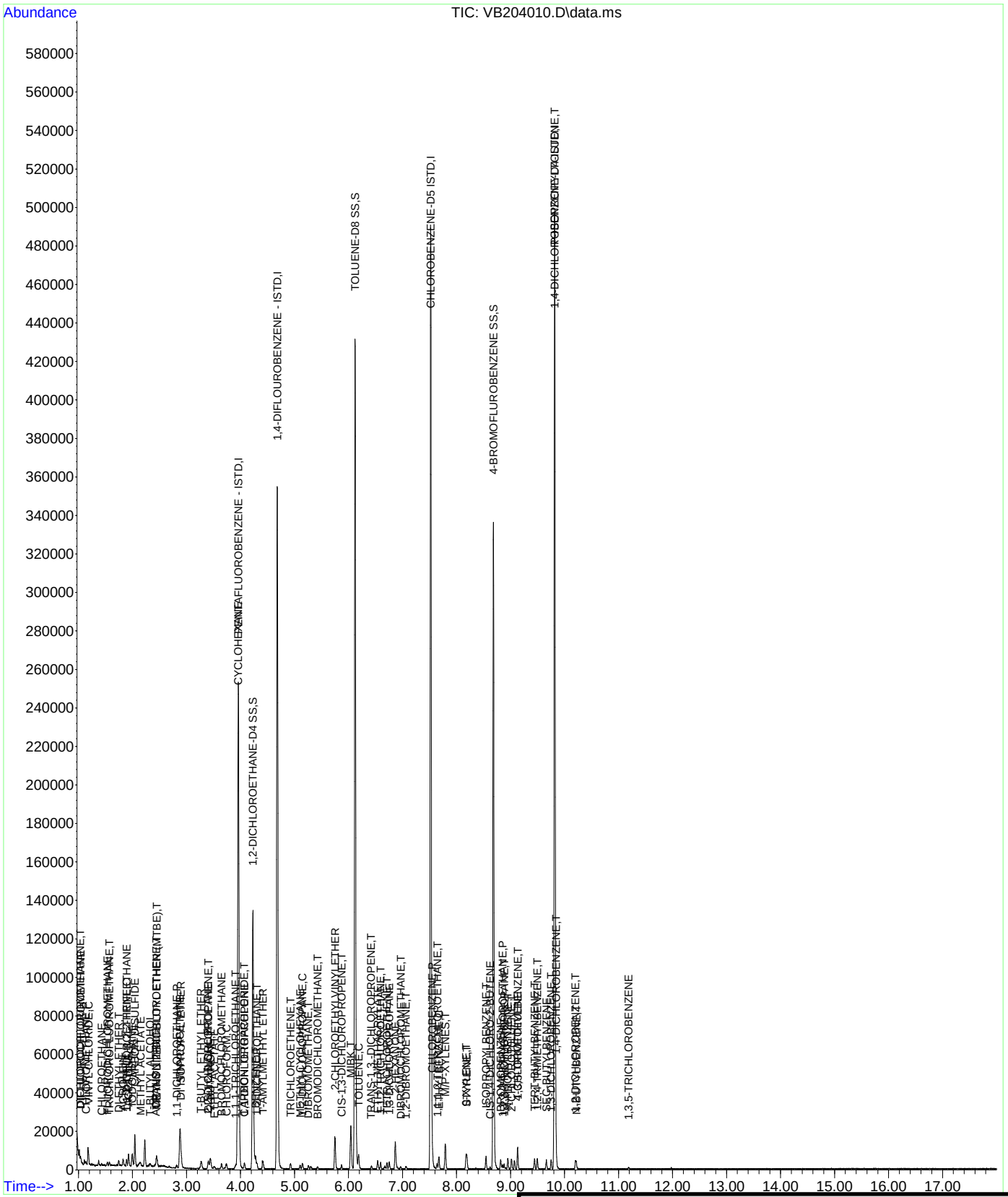
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) 1,1,2-TRICHLOROETHANE	6.595	97	917	0.448	UG/L	#	62
58) 2-HEXANONE	6.865	43	9334	4.458	UG/L	#	96
59) TETRACHLOROETHENE	6.712	164	651	0.387	UG/L		94
60) 1,3-DICHLOROPROPANE	6.756	76	1758	0.486	UG/L		86
61) DIBROMOCHLOROMETHANE	6.968	129	554	2.033	UG/L	#	11
62) 1,2-DIBROMOETHANE	7.060	107	1013	0.460	UG/L	#	89
65) CHLOROBENZENE	7.548	112	2890	0.416	UG/L	#	46
66) 1,1,1,2-TETRACHLOROETHANE	7.643	131	648	0.294	UG/L	#	63
67) ETHYLBENZENE	7.677	91	4530	0.410	UG/L		99
68) M/P-XYLENES	7.794	91	7480	0.890	UG/L		97
69) 0-XYLENE	8.176	91	3543	0.393	UG/L		97
70) STYRENE	8.190	104	2653	0.354	UG/L		94
72) ISOPROPYLBENZENE	8.547	105	3882	0.379	UG/L		95
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	237	3.819	UG/L	#	4
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	1305	0.407	UG/L	#	90
76) BROMOBENZENE	8.814	77	2011	0.450	UG/L		89
77) 1,2,3-TRICHLOROPROPANE	8.884	110	319m	0.309	UG/L		
78) N-PROPYLBENZENE	8.945	91	4426	0.397	UG/L		93
79) 2-CHLOROT0LUENE	9.015	91	3355	0.441	UG/L		96
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	3362	0.393	UG/L		93
81) 4-CHLOROTOLUENE	9.129	91	3503	0.411	UG/L		100
83) TERT-BUTYLBENZENE	9.447	119	2555	0.435	UG/L		97
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	3306	0.444	UG/L		99
85) SEC-BUTYLBENZENE	9.665	105	3385	0.443	UG/L		91
86) 1,3-DICHLOROBENZENE	9.749	146	2106	0.459	UG/L		96
87) P-ISOPROPYLTOLUENE	9.813	119	2792	0.414	UG/L		92
88) 1,4-DICHLOROBENZENE	9.841	146	2184	0.473	UG/L	#	62
89) N-BUTYLBENZENE	10.220	91	1501	0.306	UG/L	#	77
90) 1,2-DICHLOROBENZENE	10.200	146	1972	0.433	UG/L		99
92) 1,3,5-TRICHLOROBENZENE	11.188	180	347m	0.150	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204010.D Vial: 10
Acq On : 23 Jul 2013 3:28 pm Operator:
Sample : 8260STD 0.5PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:29:55 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204011.D Vial: 11
Acq On : 23 Jul 2013 3:59 pm Operator:
Sample : 8260STD 1.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:31:53 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.959	168	152696	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	235536	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	122660	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	110036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	84210	32.63	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.52%#				
43) TOLUENE-D8 SS	6.121	98	233051	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	95469	24.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	2163	1.099	UG/L		93
4) DIFLUOROCHLOROMETHANE	1.040	51	3392	1.176	UG/L	#	89
5) CHLOROMETHANE	1.135	50	2782	0.904	UG/L		99
6) VINYL CHLORIDE	1.190	62	2012	0.909	UG/L		90
7) BROMOMETHANE	1.369	94	1858	Below Cal			98
8) CHLOROETHANE	1.427	64	1062	1.151	UG/L	#	73
9) FLUORODICHLOROMETHANE	1.533	67	3312	1.232	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.572	101	2568	1.250	UG/L		95
12) DI ETHYL ETHER	1.742	59	1988	1.189	UG/L		88
13) ACROLEIN	1.826	56	3590	10.660	UG/L	#	96
14) ACETONE	1.927	43	9700	13.929	UG/L		95
15) 1,1-DICHLOROETHENE	1.888	61	2573	1.138	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	1174	0.992	UG/L		95
17) IODOMETHANE	1.996	142	14887	7.182	UG/L		95
18) METHYL ACETATE	2.155	43	2082	1.027	UG/L		98
19) T-BUTYL ALCOHOL	2.323	59	2356	8.283	UG/L	#	70
20) ACRYLONITRILE	2.426	53	850	0.986	UG/L	#	70
21) METHYLENE CHLORIDE	2.222	49	8037	Below Cal			90
22) CARBON DISULFIDE	2.041	76	35591	9.368	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.451	73	6905	1.433	UG/L		99
24) TRANS 1,2-DICHLOROETHENE	2.445	61	3190	1.417	UG/L		97
25) 1,1-DICHLOROETHANE	2.816	63	4047	1.143	UG/L	#	90
26) VINYL ACETATE	2.877	43	66042	11.861	UG/L	#	90
27) DI ISOPROPYL ETHER	2.897	45	8474	1.247	UG/L		93
28) 2-BUTANONE	3.438	43	16113	11.369	UG/L		97
29) T-BUTYL ETHYL ETHER	3.268	59	7483	1.181	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.405	61	4066	1.263	UG/L		95
31) 2,2-DICHLOROPROPANE	3.402	77	2412	1.166	UG/L	#	78
32) ETHYL ACETATE	3.513	43	3854m	1.128	UG/L		
33) BROMOCHLOROMETHANE	3.644	128	1014	0.962	UG/L	#	85
34) TETRAHYDROFURAN	3.697	42	753m	0.854	UG/L		
35) CHLOROFORM	3.734	83	4368	1.346	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.901	97	2802	1.078	UG/L		94
37) CYCLOHEXANE	3.959	56	6162	1.807	UG/L	#	63
38) CARBON TETRACHLORIDE	4.065	117	2038	0.958	UG/L		91
39) 1,1-DICHLOROPROPENE	4.074	75	2869	1.128	UG/L		95
40) BENZENE	4.277	78	9881	1.155	UG/L		96
41) T-AMYLMETHYL ETHER	4.411	73	5988	1.093	UG/L		94
44) 1,2-DICHLOROETHANE	4.305	62	4085	1.405	UG/L	#	95
45) TRICHLOROETHENE	4.922	95	2126	1.039	UG/L		89
46) METHYLCYCLOHEXANE	5.100	83	1734	0.818	UG/L		94
47) 1,2-DICHLOROPROPANE	5.142	63	2358	1.048	UG/L		90
48) DIBROMOMETHANE	5.259	93	1486	1.080	UG/L		96
50) BROMODICHLOROMETHANE	5.426	83	2396	1.003	UG/L	#	97
51) 2-CHLOROETHYLVINYLETHER	5.747	63	14884	8.804	UG/L		93
52) MIBK	6.040	43	32716	11.737	UG/L		94
53) CIS-1,3-DICHLOROPROPENE	5.870	75	2893	0.882	UG/L	#	77
54) TOLUENE	6.188	91	10248	1.104	UG/L		96
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	2147	0.768	UG/L	#	80

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204011.D Vial: 11
Acq On : 23 Jul 2013 3:59 pm Operator:
Sample : 8260STD 1.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:31:53 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

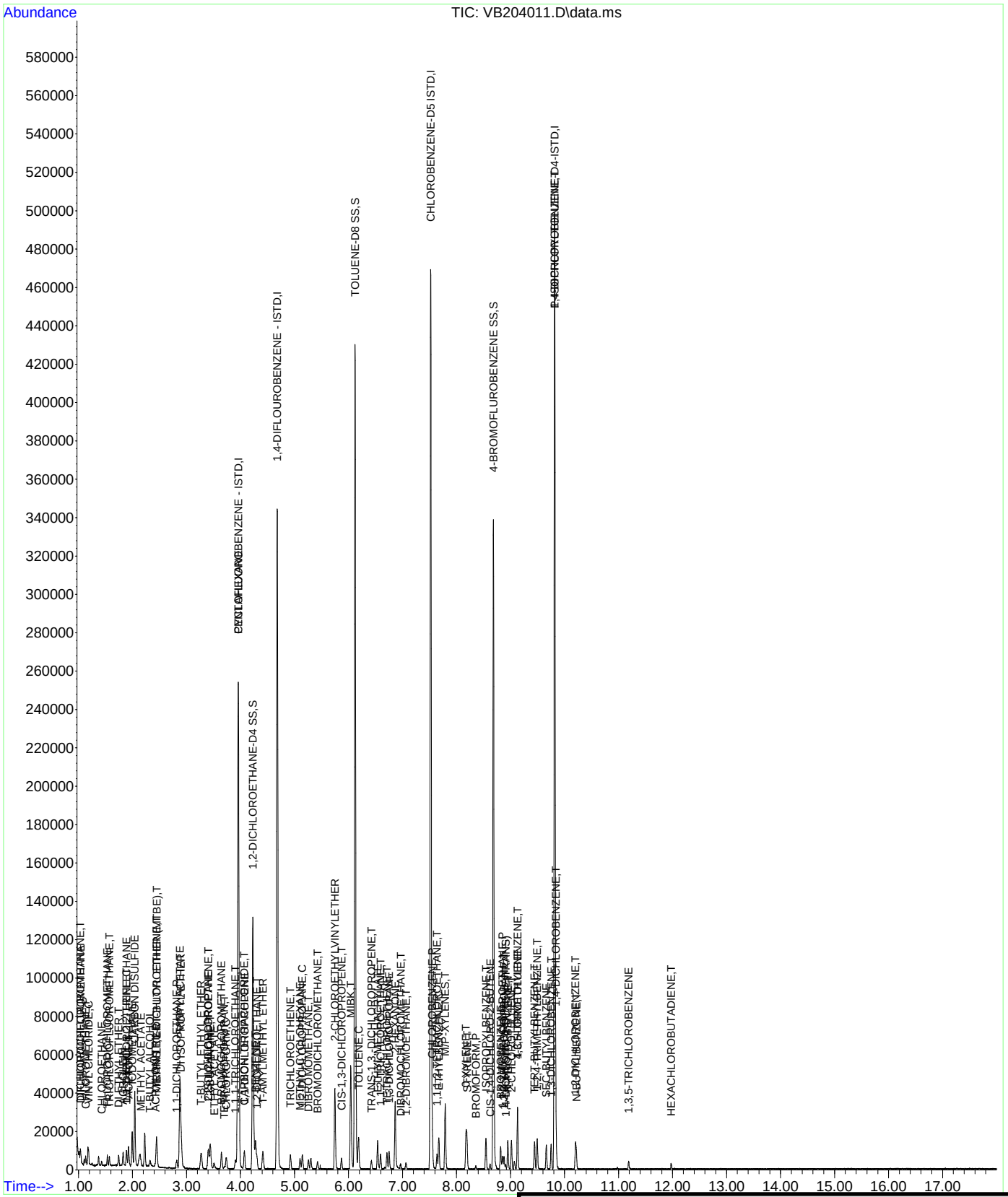
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) ETHYL METHACRYLATE	6.539	41	5260	2.160 UG/L #	82
57) 1,1,2-TRICHLOROETHANE	6.595	97	2125	1.066 UG/L	93
58) 2-HEXANONE	6.862	43	21681	10.640 UG/L	97
59) TETRACHLOROETHENE	6.712	164	1692	1.032 UG/L	97
60) 1,3-DICHLOROPROPANE	6.751	76	4139	1.176 UG/L	90
61) DIBROMOCHLOROMETHANE	6.968	129	1469	2.410 UG/L	96
62) 1,2-DIBROMOETHANE	7.066	107	2317	1.080 UG/L #	99
65) CHLOROBENZENE	7.548	112	6995	1.035 UG/L	90
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	1601	0.748 UG/L #	90
67) ETHYLBENZENE	7.674	91	10975	1.021 UG/L	99
68) M/P-XYLENES	7.791	91	17354	2.123 UG/L	100
69) 0-XYLENE	8.170	91	8908	1.015 UG/L	96
70) STYRENE	8.195	104	6735	0.925 UG/L	93
71) BROMOFORM	8.357	173	934	3.257 UG/L #	31
72) ISOPROPYLBENZENE	8.547	105	9974	1.003 UG/L	95
73) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	666	4.190 UG/L #	48
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	2910	0.934 UG/L #	95
75) 1,4-DICHLORO-2-BUTENE(...	8.912	53	644	3.854 UG/L #	28
76) BROMOBENZENE	8.814	77	4813	1.108 UG/L	93
77) 1,2,3-TRICHLOROPROPANE	8.881	110	1060	1.057 UG/L	97
78) N-PROPYLBENZENE	8.948	91	10569	0.975 UG/L	96
79) 2-CHLOROT0LUENE	9.015	91	7979	1.078 UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	8328	1.000 UG/L	96
81) 4-CHLOROTOLUENE	9.130	91	8910	1.076 UG/L	99
83) TERT-BUTYLBENZENE	9.445	119	6303	1.073 UG/L	96
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	8432	1.130 UG/L	97
85) SEC-BUTYLBENZENE	9.659	105	8454	1.105 UG/L	91
86) 1,3-DICHLOROBENZENE	9.751	146	4844	1.055 UG/L	99
87) P-ISOPROPYLTOLUENE	9.816	119	6726	0.997 UG/L	98
88) 1,4-DICHLOROBENZENE	9.838	146	4989	1.079 UG/L	87
89) N-BUTYLBENZENE	10.220	91	4030	0.820 UG/L	98
90) 1,2-DICHLOROBENZENE	10.200	146	4947	1.085 UG/L	96
92) 1,3,5-TRICHLOROBENZENE	11.188	180	1423	0.614 UG/L	97
94) HEXACHLOROBUTADIENE	11.977	225	723m	0.966 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204011.D Vial: 11
Acq On : 23 Jul 2013 3:59 pm Operator:
Sample : 8260STD 1.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:31:53 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204012.D Vial: 12
Acq On : 23 Jul 2013 4:31 pm Operator:
Sample : 8260STD 2.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:33:48 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	152509	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	236728	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	122959	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	111213	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	85856	33.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 133.24%#				
43) TOLUENE-D8 SS	6.121	98	231737	25.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	94916	24.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.20%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	5575	2.837	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.042	51	7808	2.711	UG/L	#	91
5) CHLOROMETHANE	1.132	50	5842	1.901	UG/L		98
6) VINYL CHLORIDE	1.187	62	4552	2.059	UG/L		97
7) BROMOMETHANE	1.371	94	2997	Below Cal			99
8) CHLOROETHANE	1.427	64	2212	2.563	UG/L	#	87
9) FLUORODICHLOROMETHANE	1.533	67	6905	2.572	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.572	101	5915	2.882	UG/L		98
11) ETHANOL	1.675	45	423	3.303	UG/L	#	44
12) DI ETHYL ETHER	1.740	59	3424	2.050	UG/L	#	84
13) ACROLEIN	1.826	56	6793	20.196	UG/L	#	99
14) ACETONE	1.924	43	17184	24.706	UG/L		96
15) 1,1-DICHLOROETHENE	1.887	61	5739	2.542	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	2985	2.525	UG/L		96
17) IODOMETHANE	1.993	142	35735	17.262	UG/L		95
18) METHYL ACETATE	2.155	43	4124	2.036	UG/L		93
19) T-BUTYL ALCOHOL	2.328	59	4596	16.179	UG/L	#	70
20) ACRYLONITRILE	2.426	53	2532	2.940	UG/L	#	75
21) METHYLENE CHLORIDE	2.225	49	9442	Below Cal		#	85
22) CARBON DISULFIDE	2.041	76	83184	21.922	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.448	73	14146	2.939	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.440	61	7016	3.120	UG/L		95
25) 1,1-DICHLOROETHANE	2.819	63	9031	2.553	UG/L		97
26) VINYL ACETATE	2.877	43	125676	22.600	UG/L	#	91
27) DI ISOPROPYL ETHER	2.900	45	16492	2.429	UG/L		99
28) 2-BUTANONE	3.438	43	31751	22.430	UG/L		96
29) T-BUTYL ETHYL ETHER	3.268	59	14962	2.365	UG/L		100
30) CIS-1,2-DICHLOROETHENE	3.404	61	8440	2.624	UG/L		97
31) 2,2-DICHLOROPROPANE	3.399	77	5060	2.450	UG/L		98
32) ETHYL ACETATE	3.510	43	7606m	2.229	UG/L		
33) BROMOCHLOROMETHANE	3.644	128	2301	2.185	UG/L		98
34) TETRAHYDROFURAN	3.711	42	1806	2.051	UG/L	#	65
35) CHLOROFORM	3.736	83	8823	2.722	UG/L		98
36) 1,1,1-TRICHLOROETHANE	3.906	97	6436	2.480	UG/L		98
37) CYCLOHEXANE	3.954	56	10335	3.034	UG/L	#	76
38) CARBON TETRACHLORIDE	4.065	117	4868	2.290	UG/L		95
39) 1,1-DICHLOROPROPENE	4.076	75	6393	2.517	UG/L		98
40) BENZENE	4.280	78	20171	2.362	UG/L		96
41) T-AMYLMETHYL ETHER	4.417	73	12086	2.209	UG/L		96
44) 1,2-DICHLOROETHANE	4.302	62	8432	2.886	UG/L		97
45) TRICHLOROETHENE	4.924	95	4917	2.392	UG/L		98
46) METHYLCYCLOHEXANE	5.100	83	4693	2.202	UG/L		94
47) 1,2-DICHLOROPROPANE	5.147	63	5088	2.250	UG/L		90
48) DIBROMOMETHANE	5.253	93	3103	2.243	UG/L		94
50) BROMODICHLOROMETHANE	5.423	83	5006	2.086	UG/L	#	97
51) 2-CHLOROETHYLVINYLETHER	5.747	63	29277	17.231	UG/L		91
52) MIBK	6.040	43	64958	23.188	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.870	75	6097	1.850	UG/L		88
54) TOLUENE	6.185	91	20959	2.247	UG/L		99

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204012.D Vial: 12
Acq On : 23 Jul 2013 4:31 pm Operator:
Sample : 8260STD 2.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:33:48 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

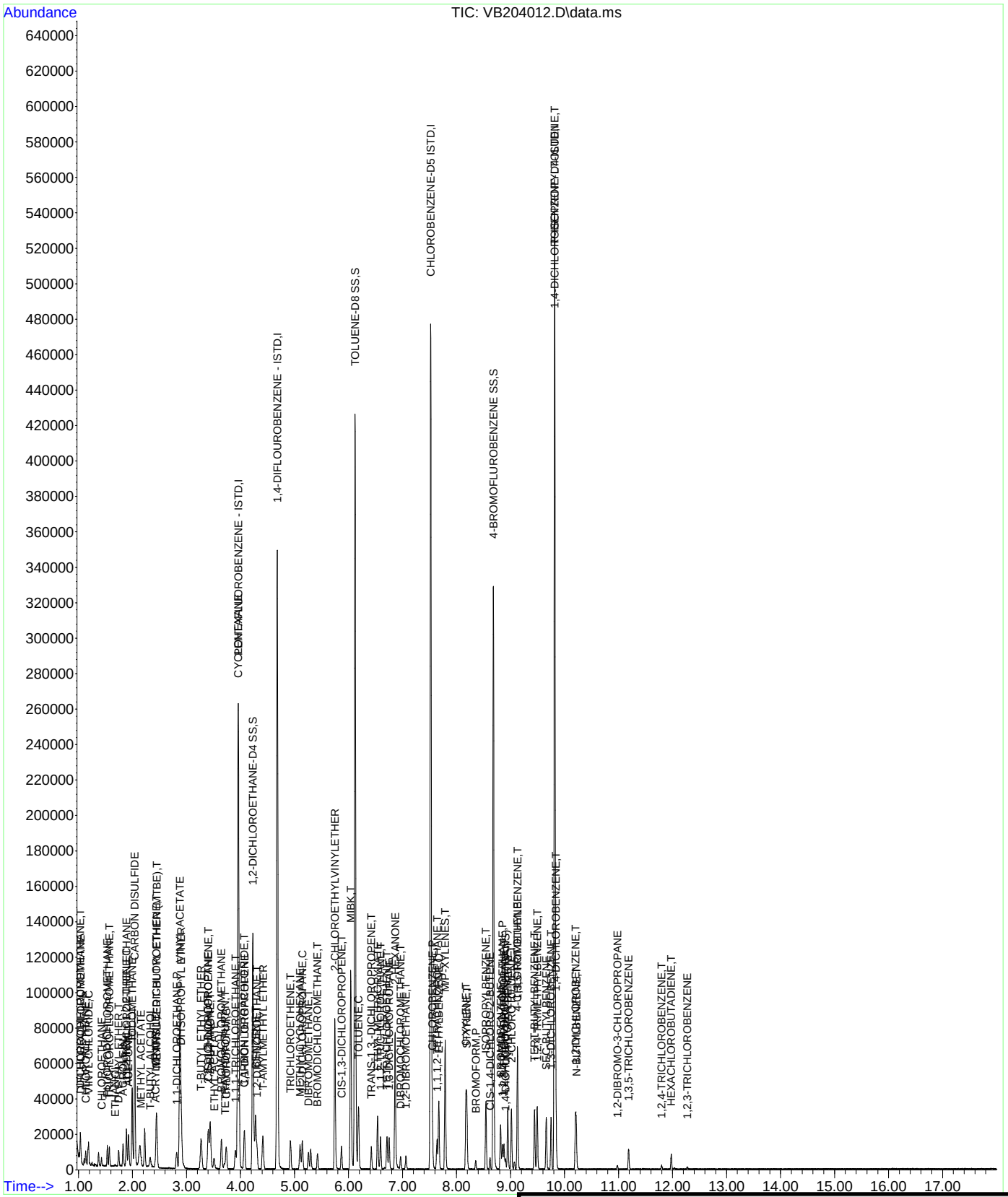
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	4600	1.637	UG/L		91
56) ETHYL METHACRYLATE	6.536	41	10188	4.162	UG/L	#	80
57) 1,1,2-TRICHLOROETHANE	6.595	97	4513	2.252	UG/L		99
58) 2-HEXANONE	6.862	43	43678	21.326	UG/L		96
59) TETRACHLOROETHENE	6.709	164	3889	2.361	UG/L		97
60) 1,3-DICHLOROPROPANE	6.751	76	8255	2.333	UG/L		89
61) DIBROMOCHLOROMETHANE	6.963	129	3309	3.150	UG/L		99
62) 1,2-DIBROMOETHANE	7.060	107	4872	2.259	UG/L	#	95
65) CHLOROBENZENE	7.551	112	13855	2.044	UG/L		90
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	3716	1.732	UG/L		97
67) ETHYLBENZENE	7.671	91	23055	2.140	UG/L		98
68) M/P-XYLENES	7.791	91	36742	4.484	UG/L		97
69) 0-XYLENE	8.173	91	18553	2.110	UG/L		98
70) STYRENE	8.190	104	14513	1.989	UG/L		91
71) BROMOFORM	8.357	173	1900	3.731	UG/L	#	97
72) ISOPROPYLBENZENE	8.544	105	21565	2.162	UG/L		99
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	1523	4.916	UG/L	#	61
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	6056	1.939	UG/L		97
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	1327	4.444	UG/L	#	28
76) BROMOBENZENE	8.814	77	9744	2.238	UG/L		95
77) 1,2,3-TRICHLOROPROPANE	8.879	110	1979	1.968	UG/L		73
78) N-PROPYLBENZENE	8.948	91	23142	2.130	UG/L		96
79) 2-CHLOROT0LUENE	9.018	91	16849	2.270	UG/L		100
80) 1,3,5-TRIMETHYLBENZENE	9.129	105	18101	2.169	UG/L		99
81) 4-CHLOROTOLUENE	9.124	91	18579	2.238	UG/L		100
83) TERT-BUTYLBENZENE	9.445	119	14335	2.414	UG/L		94
84) 1,2,4-TRIMETHYLBENZENE	9.498	105	18574	2.464	UG/L		98
85) SEC-BUTYLBENZENE	9.662	105	19318	2.497	UG/L		95
86) 1,3-DICHLOROBENZENE	9.749	146	10606	2.286	UG/L		96
87) P-ISOPROPYLTOLUENE	9.813	119	15666	2.298	UG/L		98
88) 1,4-DICHLOROBENZENE	9.838	146	10306	2.205	UG/L	#	89
89) N-BUTYLBENZENE	10.220	91	10300	2.075	UG/L		96
90) 1,2-DICHLOROBENZENE	10.203	146	10333	2.243	UG/L		95
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	547	5.217	UG/L	#	4
92) 1,3,5-TRICHLOROBENZENE	11.185	180	3516	1.500	UG/L		85
93) 1,2,4-TRICHLOROBENZENE	11.793	180	742	3.076	UG/L	#	70
94) HEXACHLOROBUTADIENE	11.974	225	1866	2.467	UG/L	#	89
96) 1,2,3-TRICHLOROBENZENE	12.272	180	510	4.383	UG/L	#	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204012.D Vial: 12
Acq On : 23 Jul 2013 4:31 pm Operator:
Sample : 8260STD 2.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 10:33:48 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204013.D Vial: 13
Acq On : 23 Jul 2013 5:02 pm Operator:
Sample : 8260STD 5.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:05:44 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	149544	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	234593	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	120591	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	112602	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	83157	32.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 131.60%#				
43) TOLUENE-D8 SS	6.121	98	228111	24.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	93672	24.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.84%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	13415	6.961	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	18879	6.686	UG/L		93
5) CHLOROMETHANE	1.135	50	15345	5.092	UG/L		98
6) VINYL CHLORIDE	1.188	62	11563	5.335	UG/L		96
7) BROMOMETHANE	1.363	94	6568m	19.729	UG/L		
8) CHLOROETHANE	1.422	64	5295	6.473	UG/L	#	87
9) FLUORODICHLOROMETHANE	1.533	67	17389	6.606	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	14542	7.226	UG/L		99
11) ETHANOL	1.681	45	1043	28.059	UG/L	#	82
12) DI ETHYL ETHER	1.740	59	8258	5.043	UG/L	#	85
13) ACROLEIN	1.823	56	16964	51.434	UG/L	#	99
14) ACETONE	1.924	43	39545	57.983	UG/L		95
15) 1,1-DICHLOROETHENE	1.887	61	13885	6.273	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	7100	6.126	UG/L		96
17) IODOMETHANE	1.991	142	106153	52.293	UG/L		96
18) METHYL ACETATE	2.155	43	9835	4.953	UG/L		93
19) T-BUTYL ALCOHOL	2.325	59	12089	43.399	UG/L	#	100
20) ACRYLONITRILE	2.423	53	6127	7.254	UG/L		96
21) METHYLENE CHLORIDE	2.225	49	16820	3.029	UG/L		87
22) CARBON DISULFIDE	2.038	76	217956	58.578	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.448	73	33958	7.194	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.440	61	18293	8.296	UG/L		98
25) 1,1-DICHLOROETHANE	2.813	63	22157	6.388	UG/L		99
26) VINYL ACETATE	2.875	43	305904	56.100	UG/L	#	91
27) DI ISOPROPYL ETHER	2.897	45	41391	6.217	UG/L		100
28) 2-BUTANONE	3.438	43	73972	53.293	UG/L		97
29) T-BUTYL ETHYL ETHER	3.271	59	37331	6.017	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.405	61	20642	6.546	UG/L		94
31) 2,2-DICHLOROPROPANE	3.396	77	13378	6.606	UG/L		98
32) ETHYL ACETATE	3.505	43	17080	5.104	UG/L		98
33) BROMOCHLOROMETHANE	3.644	128	5644	5.466	UG/L		97
34) TETRAHYDROFURAN	3.703	42	4303	4.983	UG/L	#	96
35) CHLOROFORM	3.734	83	21634	6.806	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.904	97	16663	6.549	UG/L		99
37) CYCLOHEXANE	3.957	56	20345	6.090	UG/L	#	85
38) CARBON TETRACHLORIDE	4.065	117	13143	6.306	UG/L		96
39) 1,1-DICHLOROPROPENE	4.071	75	15857	6.367	UG/L		98
40) BENZENE	4.277	78	49533	5.914	UG/L		97
41) T-AMYLMETHYL ETHER	4.414	73	29893	5.572	UG/L		98
44) 1,2-DICHLOROETHANE	4.300	62	20239	6.990	UG/L		96
45) TRICHLOROETHENE	4.922	95	12226	6.001	UG/L		97
46) METHYLCYCLOHEXANE	5.106	83	11689	5.535	UG/L		91
47) 1,2-DICHLOROPROPANE	5.142	63	12916	5.764	UG/L	#	88
48) DIBROMOMETHANE	5.256	93	7832	5.713	UG/L		95
49) 1,4-DIOXANE	5.298	88	951	25.237	UG/L	#	62
50) BROMODICHLOROMETHANE	5.426	83	13540	5.692	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.744	63	73365	43.572	UG/L		91
52) MIBK	6.040	43	154996	55.831	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.870	75	16708	5.115	UG/L		88

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204013.D Vial: 13
Acq On : 23 Jul 2013 5:02 pm Operator:
Sample : 8260STD 5.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:05:44 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

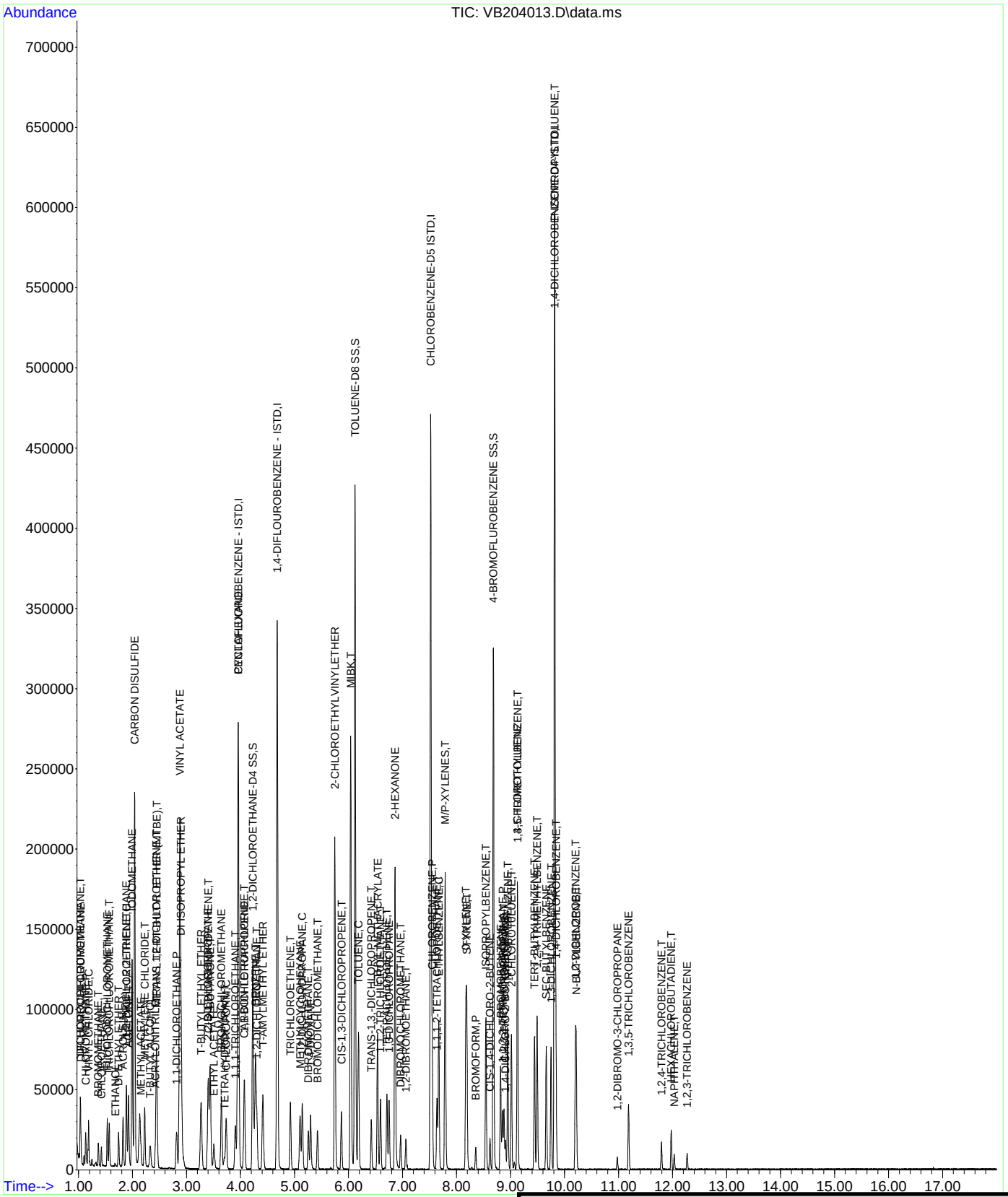
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) TOLUENE	6.185	91	51000	5.517	UG/L		97
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	13217	4.747	UG/L		89
56) ETHYL METHACRYLATE	6.536	41	27389	11.291	UG/L	#	81
57) 1,1,2-TRICHLOROETHANE	6.589	97	11269	5.674	UG/L		100
58) 2-HEXANONE	6.860	43	109766	54.082	UG/L		97
59) TETRACHLOROETHENE	6.709	164	9246	5.664	UG/L		96
60) 1,3-DICHLOROPROPANE	6.751	76	20591	5.873	UG/L		88
61) DIBROMOCHLOROMETHANE	6.963	129	9264	5.587	UG/L		98
62) 1,2-DIBROMOETHANE	7.063	107	11776	5.511	UG/L	#	98
65) CHLOROBENZENE	7.548	112	34648	5.212	UG/L		99
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	10016	4.761	UG/L		96
67) ETHYLBENZENE	7.674	91	56133	5.312	UG/L		99
68) M/P-XYLENES	7.791	91	89699	11.161	UG/L		99
69) 0-XYLENE	8.173	91	46974	5.447	UG/L		98
70) STYRENE	8.190	104	37038	5.175	UG/L		92
71) BROMOFORM	8.354	173	5458	5.531	UG/L	#	97
72) ISOPROPYLBENZENE	8.544	105	53460	5.466	UG/L		97
73) CIS-1,4-DICHLORO-2-BUTENE	8.616	53	4292	7.339	UG/L	#	73
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	15148	4.944	UG/L		98
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	3938	6.772	UG/L	#	72
76) BROMOBENZENE	8.814	77	23670	5.544	UG/L		95
77) 1,2,3-TRICHLOROPROPANE	8.879	110	4929	4.999	UG/L		72
78) N-PROPYLBENZENE	8.948	91	56983	5.347	UG/L		98
79) 2-CHLOROT0LUENE	9.015	91	40999	5.633	UG/L		99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	46708	5.706	UG/L		97
81) 4-CHLOROTOLUENE	9.127	91	45741	5.618	UG/L		99
83) TERT-BUTYLBENZENE	9.445	119	35151	5.847	UG/L		95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	46913	6.146	UG/L		99
85) SEC-BUTYLBENZENE	9.662	105	47392	6.051	UG/L		95
86) 1,3-DICHLOROBENZENE	9.751	146	26154	5.568	UG/L		98
87) P-ISOPROPYLTOLUENE	9.813	119	39411	5.709	UG/L		98
88) 1,4-DICHLOROBENZENE	9.841	146	25700	5.432	UG/L		96
89) N-BUTYLBENZENE	10.217	91	29070	5.784	UG/L		97
90) 1,2-DICHLOROBENZENE	10.203	146	26471	5.674	UG/L		97
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	1584	7.291	UG/L		93
92) 1,3,5-TRICHLOROBENZENE	11.185	180	11587	4.883	UG/L		100
93) 1,2,4-TRICHLOROBENZENE	11.796	180	4835	4.840	UG/L		98
94) HEXACHLOROBUTADIENE	11.977	225	4926	6.431	UG/L		98
95) NAPHTHALENE	12.030	128	6463	4.257	UG/L	#	95
96) 1,2,3-TRICHLOROBENZENE	12.267	180	3169	6.116	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204013.D Vial: 13
Acq On : 23 Jul 2013 5:02 pm Operator:
Sample : 8260STD 5.0PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:05:44 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204014.D Vial: 14
Acq On : 23 Jul 2013 5:34 pm Operator:
Sample : 8260STD 10PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:07:28 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	148780	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	229365	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	121150	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	113071	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	82302	32.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.92%#				
43) TOLUENE-D8 SS	6.121	98	227365	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	94428	24.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.16%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	26086	13.605	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	36624	13.036	UG/L		94
5) CHLOROMETHANE	1.132	50	28907	9.641	UG/L		99
6) VINYL CHLORIDE	1.188	62	22519	10.442	UG/L		100
7) BROMOMETHANE	1.361	94	10461m	43.687	UG/L		
8) CHLOROETHANE	1.419	64	10506	13.058	UG/L		93
9) FLUORODICHLOROMETHANE	1.531	67	33783	12.899	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.567	101	28788	14.379	UG/L		98
11) ETHANOL	1.681	45	1983	65.501	UG/L	#	82
12) DI ETHYL ETHER	1.740	59	15737	9.659	UG/L	#	85
13) ACROLEIN	1.823	56	34229	104.314	UG/L	#	98
14) ACETONE	1.927	43	73370	108.132	UG/L		93
15) 1,1-DICHLOROETHENE	1.888	61	27748	12.600	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	13538	11.740	UG/L		99
17) IODOMETHANE	1.991	142	222050	109.949	UG/L		96
18) METHYL ACETATE	2.150	43	20067	10.158	UG/L		93
19) T-BUTYL ALCOHOL	2.331	59	23299	84.071	UG/L	#	100
20) ACRYLONITRILE	2.426	53	11942	14.212	UG/L		95
21) METHYLENE CHLORIDE	2.222	49	27885	8.397	UG/L		86
22) CARBON DISULFIDE	2.038	76	439230	118.655	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.448	73	66519	14.164	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.437	61	34581	15.764	UG/L		98
25) 1,1-DICHLOROETHANE	2.816	63	42297	12.258	UG/L		99
26) VINYL ACETATE	2.875	43	569301	104.940	UG/L	#	91
27) DI ISOPROPYL ETHER	2.894	45	76305	11.520	UG/L		100
28) 2-BUTANONE	3.435	43	145027	105.021	UG/L		96
29) T-BUTYL ETHYL ETHER	3.268	59	71520	11.586	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.402	61	38985	12.426	UG/L		92
31) 2,2-DICHLOROPROPANE	3.399	77	26668	13.235	UG/L		98
32) ETHYL ACETATE	3.508	43	33348	10.016	UG/L		99
33) BROMOCHLOROMETHANE	3.644	128	11118	10.822	UG/L		95
34) TETRAHYDROFURAN	3.700	42	8260	9.614	UG/L	#	93
35) CHLOROFORM	3.734	83	41703	13.188	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.904	97	33530	13.245	UG/L		97
37) CYCLOHEXANE	3.954	56	36431	10.962	UG/L	#	89
38) CARBON TETRACHLORIDE	4.066	117	26685	12.869	UG/L		100
39) 1,1-DICHLOROPROPENE	4.071	75	31186	12.586	UG/L		97
40) BENZENE	4.277	78	93365	11.205	UG/L		96
41) T-AMYLMETHYL ETHER	4.411	73	58997	11.053	UG/L		98
44) 1,2-DICHLOROETHANE	4.303	62	39649	14.005	UG/L		96
45) TRICHLOROETHENE	4.924	95	23437	11.766	UG/L		96
46) METHYLCYCLOHEXANE	5.103	83	22855	11.069	UG/L		90
47) 1,2-DICHLOROPROPANE	5.145	63	24344	11.112	UG/L	#	87
48) DIBROMOMETHANE	5.253	93	15191	11.334	UG/L		95
49) 1,4-DIOXANE	5.301	88	2032	55.152	UG/L	#	82
50) BROMODICHLOROMETHANE	5.424	83	27383	11.775	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.744	63	140434	85.307	UG/L		91
52) MIBK	6.040	43	299783	110.446	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.867	75	34147	10.692	UG/L	#	86

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204014.D Vial: 14
Acq On : 23 Jul 2013 5:34 pm Operator:
Sample : 8260STD 10PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:07:28 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

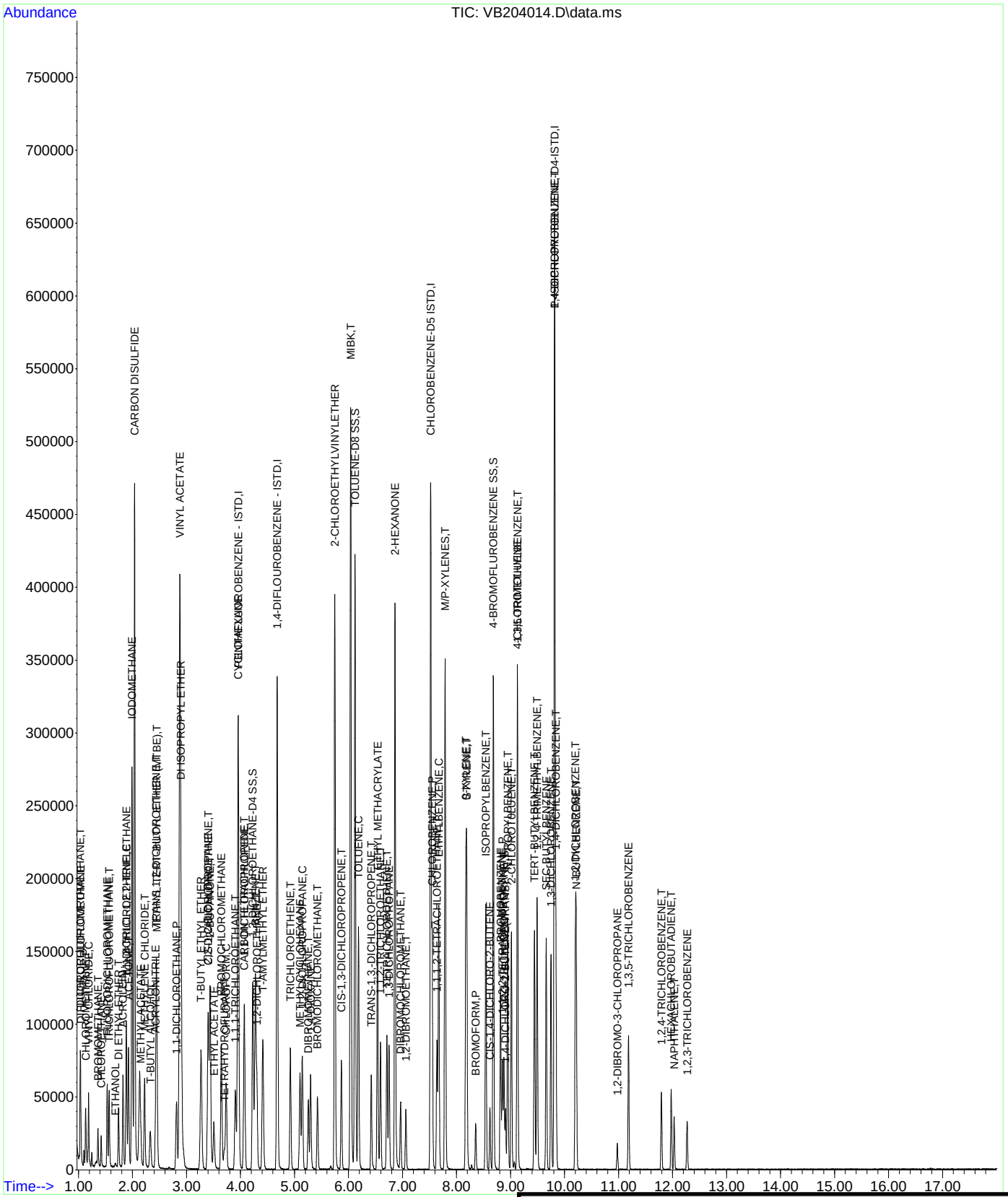
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) TOLUENE	6.185	91	97058	10.739 UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	28296	10.394 UG/L	89
56) ETHYL METHACRYLATE	6.536	41	54612	23.026 UG/L #	81
57) 1,1,2-TRICHLOROETHANE	6.592	97	21320	10.980 UG/L	98
58) 2-HEXANONE	6.860	43	213905	107.795 UG/L	96
59) TETRACHLOROETHENE	6.712	164	17900	11.216 UG/L	95
60) 1,3-DICHLOROPROPANE	6.751	76	39073	11.398 UG/L	89
61) DIBROMOCHLOROMETHANE	6.963	129	19657	10.002 UG/L	99
62) 1,2-DIBROMOETHANE	7.061	107	23492	11.244 UG/L #	98
65) CHLOROBENZENE	7.548	112	66383	9.940 UG/L	97
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	20494	9.696 UG/L	97
67) ETHYLBENZENE	7.671	91	110013	10.363 UG/L	99
68) M/P-XYLENES	7.788	91	174119	21.566 UG/L	99
69) 0-XYLENE	8.173	91	91949	10.612 UG/L	99
70) STYRENE	8.187	104	72495	10.082 UG/L	92
71) BROMOFORM	8.354	173	12202	8.881 UG/L	98
72) ISOPROPYLBENZENE	8.541	105	106194	10.807 UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.617	53	8959	11.343 UG/L #	80
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	29756	9.668 UG/L	97
75) 1,4-DICHLORO-2-BUTENE(...	8.904	53	8552	10.811 UG/L #	85
76) BROMOBENZENE	8.815	77	45758	10.668 UG/L	95
77) 1,2,3-TRICHLOROPROPANE	8.876	110	9908	10.002 UG/L #	64
78) N-PROPYLBENZENE	8.946	91	113243	10.577 UG/L	98
79) 2-CHLOROT0LUENE	9.015	91	76394	10.448 UG/L	99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	90054	10.950 UG/L	98
81) 4-CHLOROTOLUENE	9.124	91	88669	10.841 UG/L	99
83) TERT-BUTYLBENZENE	9.442	119	68955	11.422 UG/L	94
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	91656	11.958 UG/L	98
85) SEC-BUTYLBENZENE	9.659	105	93377	11.872 UG/L	97
86) 1,3-DICHLOROBENZENE	9.749	146	51893	11.001 UG/L	98
87) P-ISOPROPYLTOLUENE	9.813	119	79904	11.527 UG/L	97
88) 1,4-DICHLOROBENZENE	9.838	146	51014	10.738 UG/L	99
89) N-BUTYLBENZENE	10.217	91	62273	12.338 UG/L	96
90) 1,2-DICHLOROBENZENE	10.201	146	51476	10.989 UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	3638	11.396 UG/L	96
92) 1,3,5-TRICHLOROBENZENE	11.185	180	25085	10.528 UG/L	97
93) 1,2,4-TRICHLOROBENZENE	11.793	180	14683	9.068 UG/L	95
94) HEXACHLOROBUTADIENE	11.974	225	10223	13.291 UG/L	99
95) NAPHTHALENE	12.030	128	23427	7.673 UG/L	98
96) 1,2,3-TRICHLOROBENZENE	12.272	180	9842	10.449 UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204014.D Vial: 14
Acq On : 23 Jul 2013 5:34 pm Operator:
Sample : 8260STD 10PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:07:28 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204015.D Vial: 15
Acq On : 23 Jul 2013 6:05 pm Operator:
Sample : 8260STD 20PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:09:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	147900	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	229725	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	121751	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	115275	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	81403	32.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.24%#				
43) TOLUENE-D8 SS	6.121	98	225872	25.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	94559	24.20	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	52791	27.697	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	74677	26.740	UG/L		94
5) CHLOROMETHANE	1.132	50	64508	21.642	UG/L		100
6) VINYL CHLORIDE	1.187	62	49291	22.993	UG/L		99
7) BROMOMETHANE	1.352	94	10024m	41.385	UG/L		
8) CHLOROETHANE	1.411	64	20290	25.510	UG/L		95
9) FLUORODICHLOROMETHANE	1.528	67	69608	26.737	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.564	101	60290	30.293	UG/L		99
11) ETHANOL	1.687	45	3854	140.516	UG/L	#	93
12) DI ETHYL ETHER	1.740	59	34058	21.028	UG/L	#	85
13) ACROLEIN	1.823	56	74078	227.098	UG/L	#	98
14) ACETONE	1.924	43	157160	232.998	UG/L		93
15) 1,1-DICHLOROETHENE	1.885	61	58336	26.647	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	28083	24.499	UG/L		98
17) IODOMETHANE	1.988	142	481592	239.880	UG/L		96
18) METHYL ACETATE	2.152	43	44770	22.797	UG/L		92
19) T-BUTYL ALCOHOL	2.334	59	48958	177.709	UG/L	#	99
20) ACRYLONITRILE	2.426	53	17921	21.455	UG/L		96
21) METHYLENE CHLORIDE	2.222	49	54102	21.173	UG/L		87
22) CARBON DISULFIDE	2.035	76	916834	249.150	UG/L		95
23) METHYL TERT-BUTYL ETHE...	2.451	73	130336	27.918	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.440	61	62703	28.753	UG/L		98
25) 1,1-DICHLOROETHANE	2.813	63	87390	25.477	UG/L		100
26) VINYL ACETATE	2.875	43	1189515	220.570	UG/L	#	92
27) DI ISOPROPYL ETHER	2.894	45	154387	23.447	UG/L		99
28) 2-BUTANONE	3.438	43	294002	214.168	UG/L		96
29) T-BUTYL ETHYL ETHER	3.271	59	150719	24.561	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.399	61	80097	25.681	UG/L		94
31) 2,2-DICHLOROPROPANE	3.399	77	56832	28.374	UG/L		99
32) ETHYL ACETATE	3.508	43	66685	20.147	UG/L		97
33) BROMOCHLOROMETHANE	3.641	128	22865	22.389	UG/L		93
34) TETRAHYDROFURAN	3.700	42	18004	21.081	UG/L	#	95
35) CHLOROFORM	3.733	83	86051	27.374	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.901	97	70767	28.121	UG/L		97
37) CYCLOHEXANE	3.951	56	70176	21.240	UG/L		90
38) CARBON TETRACHLORIDE	4.068	117	58394	28.329	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	64208	26.066	UG/L		98
40) BENZENE	4.277	78	183521	22.156	UG/L		97
41) T-AMYLMETHYL ETHER	4.414	73	122414	23.070	UG/L		96
44) 1,2-DICHLOROETHANE	4.302	62	81167	28.625	UG/L		98
45) TRICHLOROETHENE	4.921	95	47297	23.707	UG/L		96
46) METHYLCYCLOHEXANE	5.100	83	46018	22.251	UG/L		90
47) 1,2-DICHLOROPROPANE	5.145	63	48856	22.266	UG/L		89
48) DIBROMOMETHANE	5.253	93	31202	23.243	UG/L		95
49) 1,4-DIOXANE	5.298	88	4697	127.285	UG/L	#	77
50) BROMODICHLOROMETHANE	5.423	83	60920	26.154	UG/L		98
51) 2-CHLOROETHYLVINYLETHER	5.747	63	282162	171.130	UG/L		91
52) MIBK	6.040	43	592396	217.909	UG/L		96
53) CIS-1,3-DICHLOROPROPENE	5.867	75	74357	23.246	UG/L	#	86

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204015.D Vial: 15
Acq On : 23 Jul 2013 6:05 pm Operator:
Sample : 8260STD 20PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:09:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

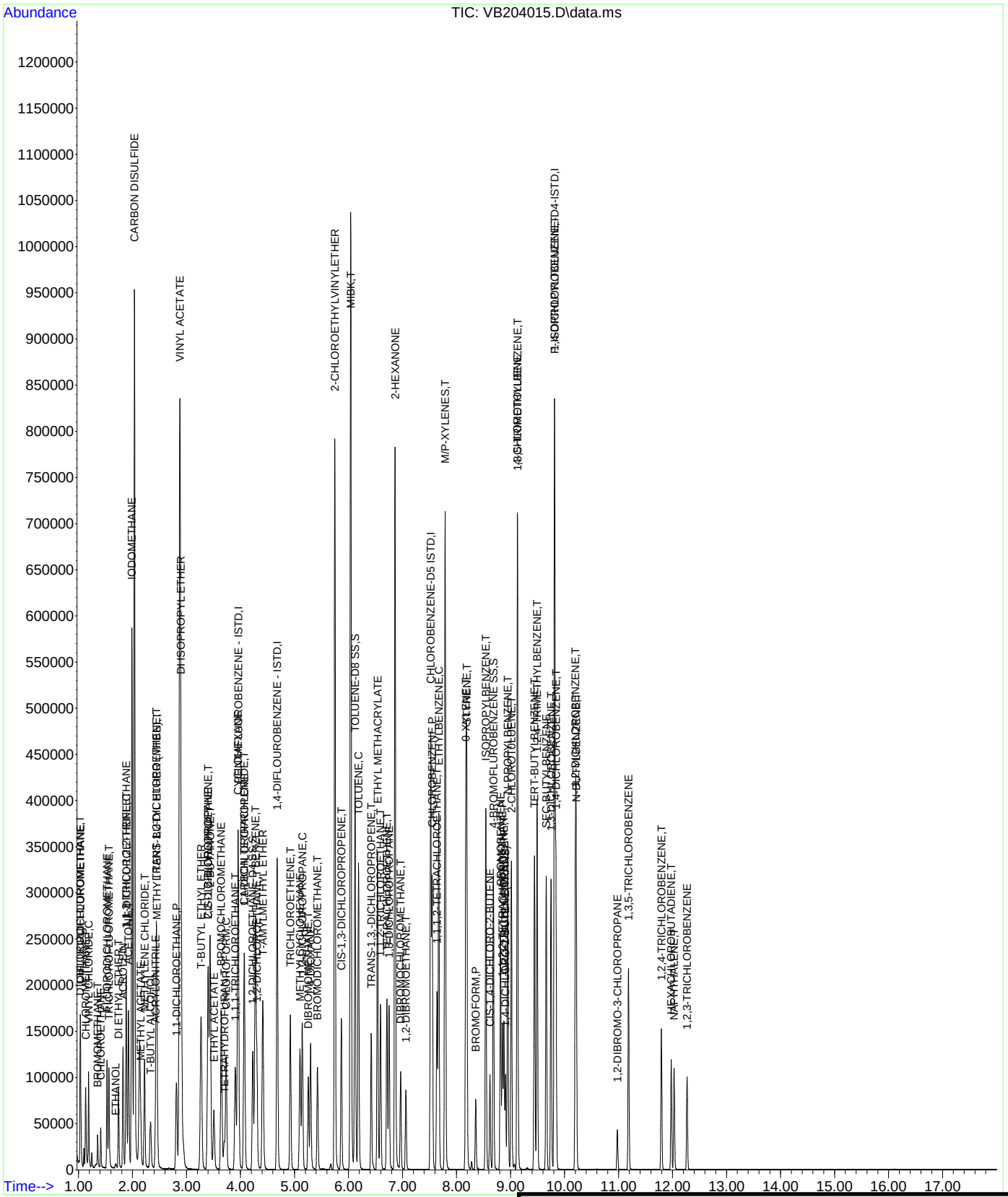
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) TOLUENE	6.185	91	196528	21.711 UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	63716	23.368 UG/L	90
56) ETHYL METHACRYLATE	6.536	41	111503	46.939 UG/L #	80
57) 1,1,2-TRICHLOROETHANE	6.592	97	43421	22.327 UG/L	97
58) 2-HEXANONE	6.862	43	434401	218.568 UG/L	97
59) TETRACHLOROETHENE	6.712	164	36950	23.116 UG/L	96
60) 1,3-DICHLOROPROPANE	6.751	76	80586	23.471 UG/L	88
61) DIBROMOCHLOROMETHANE	6.966	129	44481	20.314 UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	49547	23.677 UG/L	99
65) CHLOROBENZENE	7.548	112	137075	20.424 UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	43578	20.516 UG/L	96
67) ETHYLBENZENE	7.671	91	225565	21.144 UG/L	99
68) M/P-XYLENES	7.788	91	351642	43.338 UG/L	99
69) 0-XYLENE	8.170	91	188122	21.604 UG/L	98
70) STYRENE	8.190	104	152434	21.095 UG/L	91
71) BROMOFORM	8.354	173	29326	17.347 UG/L	99
72) ISOPROPYLBENZENE	8.541	105	218372	22.113 UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	20528	21.225 UG/L	89
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	61939	20.025 UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	19409	20.268 UG/L	91
76) BROMOBENZENE	8.814	77	94223	21.858 UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.876	110	20761	20.854 UG/L	97
78) N-PROPYLBENZENE	8.948	91	233697	21.721 UG/L	98
79) 2-CHLOROT0LUENE	9.015	91	157932	21.492 UG/L	99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	187048	22.632 UG/L	98
81) 4-CHLOROTOLUENE	9.127	91	183652	22.344 UG/L	99
83) TERT-BUTYLBENZENE	9.442	119	143875	23.376 UG/L	94
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	191288	24.480 UG/L	99
85) SEC-BUTYLBENZENE	9.659	105	194515	24.259 UG/L	96
86) 1,3-DICHLOROBENZENE	9.749	146	108940	22.653 UG/L	98
87) P-ISOPROPYLTOLUENE	9.813	119	168493	23.841 UG/L	97
88) 1,4-DICHLOROBENZENE	9.841	146	106928	22.076 UG/L	99
89) N-BUTYLBENZENE	10.217	91	134039	26.050 UG/L	98
90) 1,2-DICHLOROBENZENE	10.200	146	108659	22.752 UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	9285	22.362 UG/L	98
92) 1,3,5-TRICHLOROBENZENE	11.185	180	58207	23.961 UG/L	97
93) 1,2,4-TRICHLOROBENZENE	11.793	180	40152	19.695 UG/L	95
94) HEXACHLOROBUTADIENE	11.974	225	22535	28.738 UG/L	99
95) NAPHTHALENE	12.027	128	73176	17.426 UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	26823	21.165 UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204015.D Vial: 15
Acq On : 23 Jul 2013 6:05 pm Operator:
Sample : 8260STD 20PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:09:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204016.D Vial: 16
Acq On : 23 Jul 2013 6:36 pm Operator:
Sample : 8260STD 50PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 18:54:55 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	147085	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	227268	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	121949	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	116602	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	82207	33.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 132.28%#				
43) TOLUENE-D8 SS	6.123	98	227679	25.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.32%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	96447	24.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.56%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	110215	58.146	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.037	51	162934	58.665	UG/L		95
5) CHLOROMETHANE	1.132	50	131839	44.477	UG/L		100
6) VINYL CHLORIDE	1.187	62	104968	49.237	UG/L		100
7) BROMOMETHANE	1.358	94	27894	152.016	UG/L		99
8) CHLOROETHANE	1.413	64	47035	59.663	UG/L		98
9) FLUORODICHLOROMETHANE	1.528	67	156832	60.574	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.564	101	132559	66.975	UG/L		100
11) ETHANOL	1.684	45	9533	368.891	UG/L	#	94
12) DI ETHYL ETHER	1.740	59	76630	47.575	UG/L	#	84
13) ACROLEIN	1.823	56	163684	504.581	UG/L	#	98
14) ACETONE	1.924	43	352010	524.766	UG/L		93
15) 1,1-DICHLOROETHENE	1.885	61	128897	59.204	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	63296	55.523	UG/L		97
17) IODOMETHANE	1.991	142	1105151	553.524	UG/L		96
18) METHYL ACETATE	2.152	43	91880	47.045	UG/L	#	90
19) T-BUTYL ALCOHOL	2.328	59	110593	403.658	UG/L	#	98
20) ACRYLONITRILE	2.423	53	52566	63.280	UG/L		96
21) METHYLENE CHLORIDE	2.222	49	115652	51.290	UG/L		86
22) CARBON DISULFIDE	2.035	76	1939579	530.002	UG/L		96
23) METHYL TERT-BUTYL ETHE...	2.448	73	319217	68.756	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.440	61	160611	74.057	UG/L		99
25) 1,1-DICHLOROETHANE	2.816	63	199152	58.380	UG/L		100
26) VINYL ACETATE	2.877	43	2556687	476.710	UG/L	#	93
27) DI ISOPROPYL ETHER	2.897	45	337687	51.569	UG/L		98
28) 2-BUTANONE	3.438	43	660649	483.921	UG/L		95
29) T-BUTYL ETHYL ETHER	3.271	59	348820	57.159	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	183584	59.188	UG/L		95
31) 2,2-DICHLOROPROPANE	3.396	77	133231	66.885	UG/L		99
32) ETHYL ACETATE	3.508	43	150965	45.863	UG/L		97
33) BROMOCHLOROMETHANE	3.644	128	52276	51.472	UG/L		92
34) TETRAHYDROFURAN	3.697	42	39819	46.882	UG/L	#	92
35) CHLOROFORM	3.733	83	197451	63.161	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.906	97	167510	66.932	UG/L		98
37) CYCLOHEXANE	3.951	56	155630	47.366	UG/L		93
38) CARBON TETRACHLORIDE	4.068	117	140954	68.762	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	143284	58.491	UG/L		98
40) BENZENE	4.277	78	421675	51.191	UG/L		97
41) T-AMYLMETHYL ETHER	4.414	73	290404	55.033	UG/L		95
44) 1,2-DICHLOROETHANE	4.302	62	189540	67.567	UG/L		99
45) TRICHLOROETHENE	4.924	95	110708	56.090	UG/L		96
46) METHYLCYCLOHEXANE	5.103	83	106697	52.149	UG/L		90
47) 1,2-DICHLOROPROPANE	5.142	63	114515	52.753	UG/L	#	87
48) DIBROMOMETHANE	5.256	93	74634	56.197	UG/L		96
49) 1,4-DIOXANE	5.303	88	10501	287.646	UG/L	#	81
50) BROMODICHLOROMETHANE	5.426	83	150265	65.210	UG/L		100
51) 2-CHLOROETHYLVINYLETHER	5.750	63	632339	387.658	UG/L		90
52) MIBK	6.042	43	1299765	483.279	UG/L		98
53) CIS-1,3-DICHLOROPROPENE	5.867	75	184922	58.437	UG/L	#	86

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204016.D Vial: 16
Acq On : 23 Jul 2013 6:36 pm Operator:
Sample : 8260STD 50PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 18:54:55 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

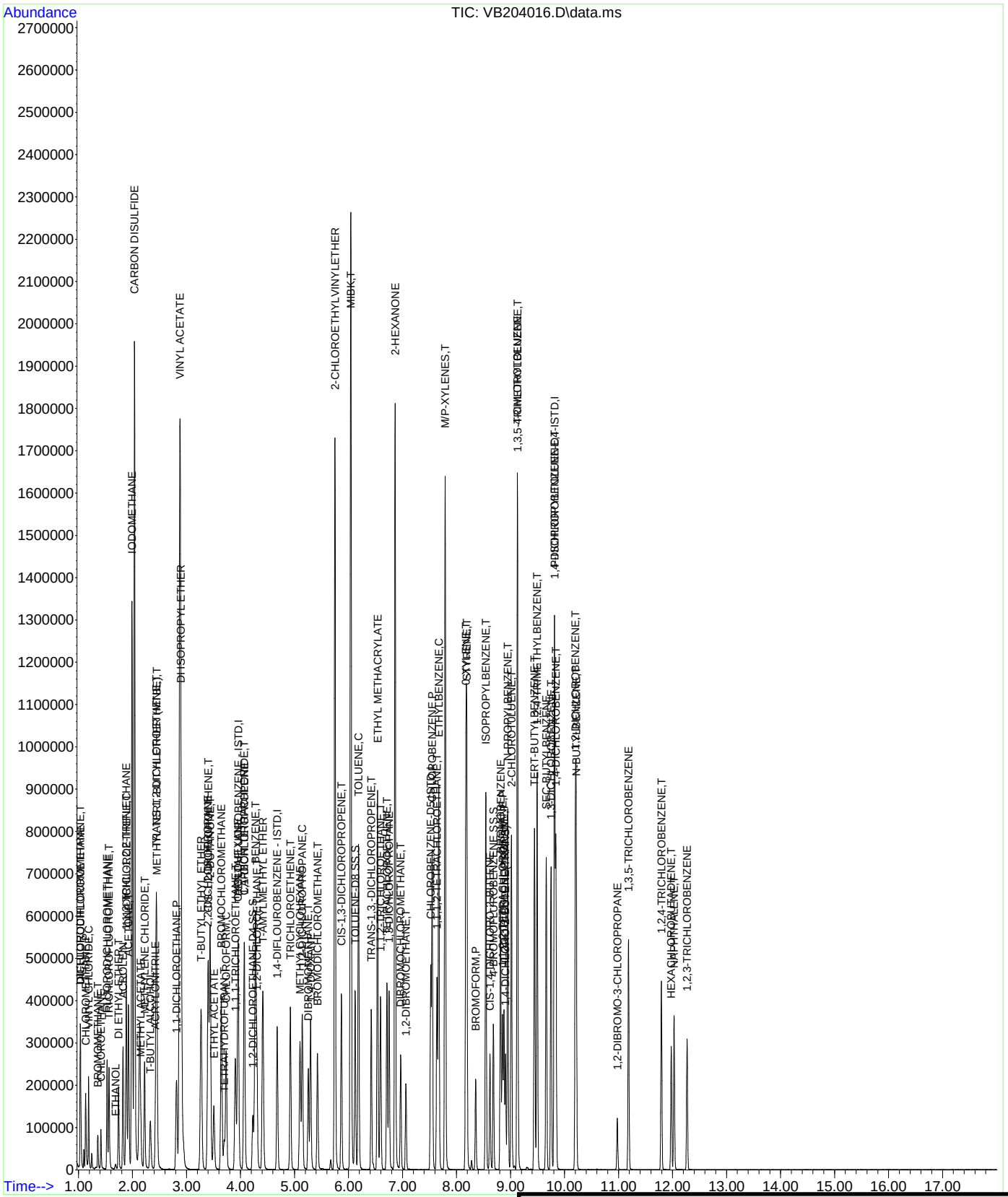
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) TOLUENE	6.185	91	454133	50.713 UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	163981	60.791 UG/L	88
56) ETHYL METHACRYLATE	6.536	41	274549	116.826 UG/L #	80
57) 1,1,2-TRICHLOROETHANE	6.595	97	102402	53.225 UG/L	99
58) 2-HEXANONE	6.862	43	967402	492.008 UG/L	96
59) TETRACHLOROETHENE	6.712	164	86002	54.384 UG/L	96
60) 1,3-DICHLOROPROPANE	6.751	76	188325	55.442 UG/L	88
61) DIBROMOCHLOROMETHANE	6.966	129	114402	49.908 UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	116598	56.320 UG/L	100
65) CHLOROBENZENE	7.548	112	319374	47.510 UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	108208	50.861 UG/L	97
67) ETHYLBENZENE	7.671	91	528048	49.417 UG/L	100
68) M/P-XYLENES	7.788	91	811754	99.883 UG/L	99
69) 0-XYLENE	8.173	91	438818	50.313 UG/L	98
70) STYRENE	8.190	104	354373	48.960 UG/L	92
71) BROMOFORM	8.354	173	81987	43.409 UG/L	100
72) ISOPROPYLBENZENE	8.541	105	505306	51.086 UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.616	53	53128	49.103 UG/L	91
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	146932	47.426 UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	52446	49.085 UG/L	99
76) BROMOBENZENE	8.814	77	223504	51.765 UG/L	97
77) 1,2,3-TRICHLOROPROPANE	8.879	110	49199	49.338 UG/L	97
78) N-PROPYLBENZENE	8.948	91	546313	50.694 UG/L	99
79) 2-CHLOROT0LUENE	9.015	91	371973	50.537 UG/L	99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	434319	52.465 UG/L	98
81) 4-CHLOROTOLUENE	9.127	91	425768	51.716 UG/L	100
83) TERT-BUTYLBENZENE	9.445	119	337484	54.208 UG/L	95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	450361	56.978 UG/L	99
85) SEC-BUTYLBENZENE	9.659	105	451358	55.650 UG/L	97
86) 1,3-DICHLOROBENZENE	9.749	146	258500	53.141 UG/L	99
87) P-ISOPROPYLTOLUENE	9.813	119	396190	55.422 UG/L	97
88) 1,4-DICHLOROBENZENE	9.838	146	253578	51.757 UG/L	99
89) N-BUTYLBENZENE	10.217	91	314688	60.461 UG/L	99
90) 1,2-DICHLOROBENZENE	10.200	146	259430	53.704 UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	25698	54.064 UG/L	94
92) 1,3,5-TRICHLOROBENZENE	11.185	180	144100	58.644 UG/L	96
93) 1,2,4-TRICHLOROBENZENE	11.793	180	118845	52.331 UG/L	95
94) HEXACHLOROBUTADIENE	11.977	225	53937	68.001 UG/L	99
95) NAPHTHALENE	12.027	128	238479	49.596 UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	81238	55.306 UG/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204016.D Vial: 16
Acq On : 23 Jul 2013 6:36 pm Operator:
Sample : 8260STD 50PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 18:54:55 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204017.D Vial: 17
Acq On : 23 Jul 2013 7:08 pm Operator:
Sample : 8260STD 100PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 19:26:16 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.959	168	149294	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	233502	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	125739	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	120089	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	81525	32.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.24%				
43) TOLUENE-D8 SS	6.123	98	229198	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	98272	24.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.40%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	228511	118.771	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	325811	115.574	UG/L		95
5) CHLOROMETHANE	1.132	50	280300	93.161	UG/L		99
6) VINYL CHLORIDE	1.188	62	219632	101.497	UG/L		100
7) BROMOMETHANE	1.352	94	45750	258.043	UG/L		99
8) CHLOROETHANE	1.408	64	91731	114.775	UG/L		99
9) FLUORODICHLOROMETHANE	1.525	67	321567	122.362	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.561	101	275723	137.246	UG/L		100
11) ETHANOL	1.695	45	17114	662.473	UG/L	#	93
12) DI ETHYL ETHER	1.740	59	151766	92.828	UG/L	#	83
13) ACROLEIN	1.823	56	325892	989.748	UG/L	#	97
14) ACETONE	1.927	43	652844	958.839	UG/L		92
15) 1,1-DICHLOROETHENE	1.882	61	258260	116.867	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.879	101	128248	110.835	UG/L		97
17) IODOMETHANE	1.988	142	2107096	1039.741	UG/L		96
18) METHYL ACETATE	2.152	43	177968	89.775	UG/L	#	89
19) T-BUTYL ALCOHOL	2.342	59	241941	870.005	UG/L	#	99
20) ACRYLONITRILE	2.423	53	104359	123.770	UG/L		97
21) METHYLENE CHLORIDE	2.222	49	222910	101.913	UG/L	#	84
22) CARBON DISULFIDE	2.033	76	3543035	953.831	UG/L		98
23) METHYL TERT-BUTYL ETHE...	2.448	73	622976	132.196	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.437	61	306922	139.427	UG/L		98
25) 1,1-DICHLOROETHANE	2.813	63	394609	113.965	UG/L		100
26) VINYL ACETATE	2.880	43	4552238	836.234	UG/L		95
27) DI ISOPROPYL ETHER	2.897	45	626160	94.208	UG/L		95
28) 2-BUTANONE	3.438	43	1269838	916.385	UG/L		95
29) T-BUTYL ETHYL ETHER	3.268	59	701748	113.289	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	364493	115.775	UG/L		95
31) 2,2-DICHLOROPROPANE	3.396	77	273608	135.325	UG/L		99
32) ETHYL ACETATE	3.508	43	296808	88.836	UG/L	#	95
33) BROMOCHLOROMETHANE	3.642	128	101226	98.195	UG/L		91
34) TETRAHYDROFURAN	3.697	42	78838	91.448	UG/L	#	91
35) CHLOROFORM	3.734	83	393511	124.014	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.904	97	345999	136.206	UG/L		98
37) CYCLOHEXANE	3.951	56	310486	93.099	UG/L		91
38) CARBON TETRACHLORIDE	4.065	117	293492	141.056	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	289035	116.242	UG/L		98
40) BENZENE	4.277	78	828080	99.040	UG/L		98
41) T-AMYLMETHYL ETHER	4.411	73	598287	111.701	UG/L		94
44) 1,2-DICHLOROETHANE	4.302	62	378039	131.165	UG/L		99
45) TRICHLOROETHENE	4.922	95	219973	108.474	UG/L		96
46) METHYLCYCLOHEXANE	5.100	83	215224	102.385	UG/L		91
47) 1,2-DICHLOROPROPANE	5.145	63	228245	102.337	UG/L	#	87
48) DIBROMOMETHANE	5.253	93	149108	109.276	UG/L		96
49) 1,4-DIOXANE	5.301	88	21980	586.008	UG/L	#	78
50) BROMODICHLOROMETHANE	5.424	83	310813	131.281	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.753	63	1163173	694.050	UG/L		90
52) MIBK	6.045	43	2324144	841.092	UG/L		98
53) CIS-1,3-DICHLOROPROPENE	5.870	75	379044	116.584	UG/L	#	85

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204017.D Vial: 17
Acq On : 23 Jul 2013 7:08 pm Operator:
Sample : 8260STD 100PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 19:26:16 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

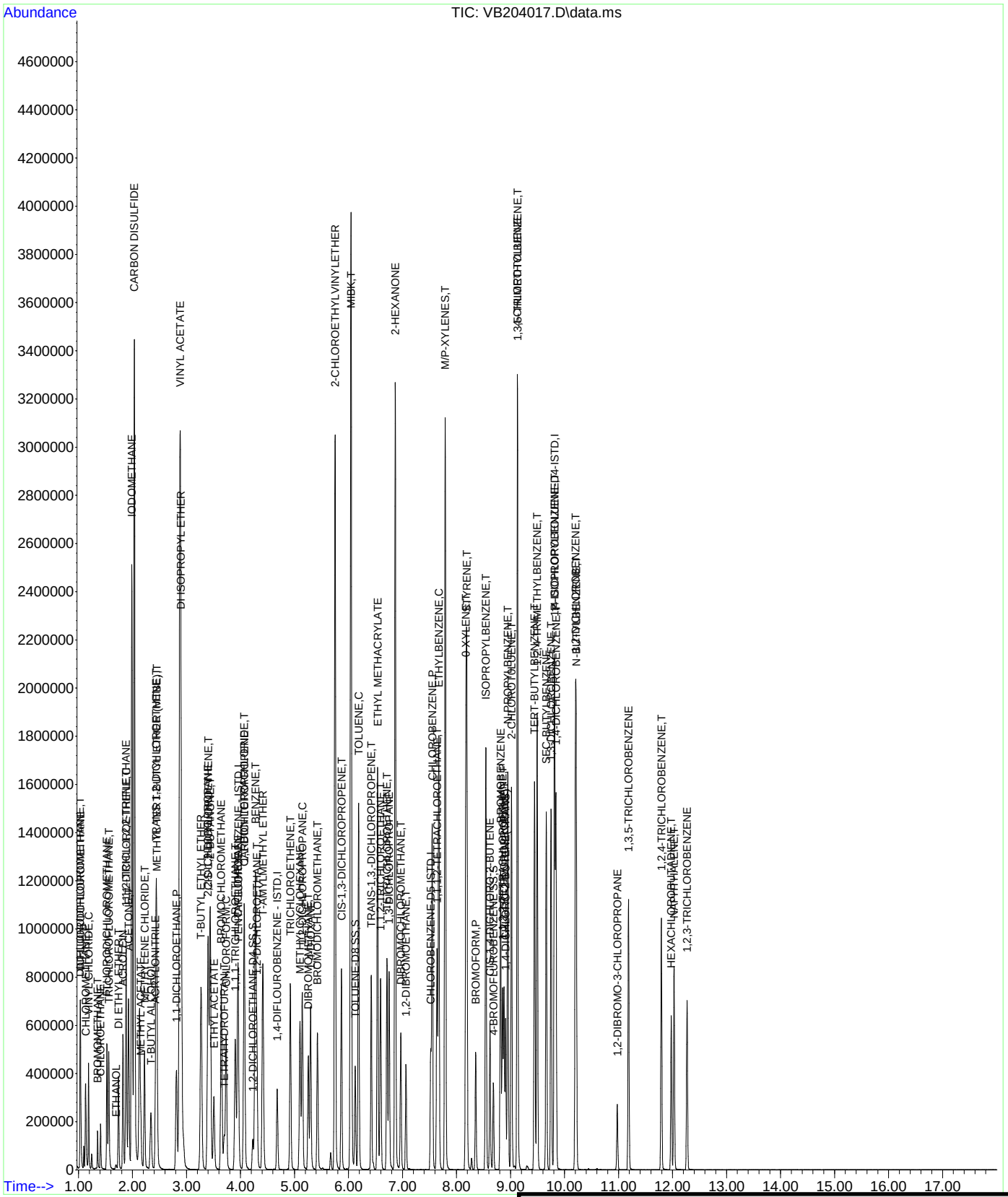
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) TOLUENE	6.188	91	898995	97.710	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	347459	125.371	UG/L		88
56) ETHYL METHACRYLATE	6.536	41	526030	217.860	UG/L	#	79
57) 1,1,2-TRICHLOROETHANE	6.595	97	203059	102.724	UG/L		97
58) 2-HEXANONE	6.865	43	1801379	891.698	UG/L		96
59) TETRACHLOROETHENE	6.712	164	172852	106.385	UG/L		96
60) 1,3-DICHLOROPROPANE	6.751	76	379592	108.767	UG/L		87
61) DIBROMOCHLOROMETHANE	6.968	129	245118	102.108	UG/L		100
62) 1,2-DIBROMOETHANE	7.063	107	238098	111.937	UG/L		99
65) CHLOROBENZENE	7.551	112	639031	92.196	UG/L		96
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	227175	103.560	UG/L		98
67) ETHYLBENZENE	7.671	91	1048690	95.183	UG/L		99
68) M/P-XYLENES	7.791	91	1574946	187.949	UG/L		100
69) 0-XYLENE	8.173	91	863486	96.020	UG/L		98
70) STYRENE	8.190	104	703512	94.268	UG/L		92
71) BROMOFORM	8.354	173	184766	91.561	UG/L		99
72) ISOPROPYLBENZENE	8.541	105	1004221	98.466	UG/L		99
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	115720	99.698	UG/L	#	92
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	306515	95.953	UG/L		100
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	113933	99.770	UG/L		97
76) BROMOBENZENE	8.815	77	451653	101.452	UG/L		97
77) 1,2,3-TRICHLOROPROPANE	8.879	110	102194	99.395	UG/L		100
78) N-PROPYLBENZENE	8.948	91	1100809	99.069	UG/L		99
79) 2-CHLOROT0LUENE	9.018	91	750479	98.889	UG/L		99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	868824	101.790	UG/L		98
81) 4-CHLOROTOLUENE	9.127	91	854909	100.712	UG/L		100
83) TERT-BUTYLBENZENE	9.445	119	683420	106.587	UG/L		95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	917285	112.681	UG/L		99
85) SEC-BUTYLBENZENE	9.662	105	915071	109.548	UG/L		98
86) 1,3-DICHLOROBENZENE	9.749	146	529225	105.635	UG/L		99
87) P-ISOPROPYLTOLUENE	9.813	119	807399	109.665	UG/L		97
88) 1,4-DICHLOROBENZENE	9.841	146	523647	103.777	UG/L		98
89) N-BUTYLBENZENE	10.214	91	645569	120.432	UG/L		99
90) 1,2-DICHLOROBENZENE	10.203	146	526993	105.924	UG/L		99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	58800	115.101	UG/L		94
92) 1,3,5-TRICHLOROBENZENE	11.185	180	304679	120.394	UG/L		96
93) 1,2,4-TRICHLOROBENZENE	11.793	180	271496	112.726	UG/L		95
94) HEXACHLOROBUTADIENE	11.977	225	114622	140.314	UG/L		99
95) NAPHTHALENE	12.027	128	562956	109.870	UG/L		99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	189780	120.318	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204017.D Vial: 17
Acq On : 23 Jul 2013 7:08 pm Operator:
Sample : 8260STD 100PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 23 19:26:16 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204018.D Vial: 18
Acq On : 23 Jul 2013 7:39 pm Operator:
Sample : 8260STD 200PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:13:25 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	145243	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	231230	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	127673	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	124178	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	80185	32.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.64%#				
43) TOLUENE-D8 SS	6.126	98	229800	25.38	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	106418	25.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	435602	232.725	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.034	51	624711	227.782	UG/L		97
5) CHLOROMETHANE	1.129	50	614187	209.827	UG/L		98
6) VINYL CHLORIDE	1.185	62	506567	240.625	UG/L		99
7) BROMOMETHANE	1.349	94	89434	538.832	UG/L		99
8) CHLOROETHANE	1.400	64	48434	62.223	UG/L		96
9) FLUORODICHLOROMETHANE	1.519	67	607452	237.593	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.547	101	533031	272.726	UG/L		100
12) DI ETHYL ETHER	1.740	59	310078	194.950	UG/L		90
13) ACROLEIN	1.823	56	662778	2069.026	UG/L	#	98
14) ACETONE	1.932	43	1281093	1934.034	UG/L		91
15) 1,1-DICHLOROETHENE	1.876	61	514448	239.289	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.874	101	257620	228.851	UG/L		97
17) IODOMETHANE	1.982	142	3867739	1961.757	UG/L		97
18) METHYL ACETATE	2.155	43	375652	194.782	UG/L	#	88
19) T-BUTYL ALCOHOL	2.370	59	521185	1926.422	UG/L	#	99
20) ACRYLONITRILE	2.429	53	195801	238.698	UG/L		97
21) METHYLENE CHLORIDE	2.219	49	455761	219.721	UG/L	#	82
22) CARBON DISULFIDE	2.027	76	6005878	1661.956	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.448	73	1242813	271.082	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.431	61	597330	278.921	UG/L		98
25) 1,1-DICHLOROETHANE	2.811	63	791524	234.973	UG/L		100
26) VINYL ACETATE	2.886	43	7484035	1413.143	UG/L		99
27) DI ISOPROPYL ETHER	2.903	45	1101844	170.401	UG/L		90
28) 2-BUTANONE	3.446	43	2431636	1803.747	UG/L	#	93
29) T-BUTYL ETHYL ETHER	3.271	59	1410535	234.066	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.399	61	715506	233.608	UG/L		94
31) 2,2-DICHLOROPROPANE	3.396	77	551467	280.359	UG/L		99
32) ETHYL ACETATE	3.511	43	595751	183.284	UG/L	#	94
33) BROMOCHLOROMETHANE	3.639	128	193274	192.717	UG/L		88
34) TETRAHYDROFURAN	3.700	42	162340	193.559	UG/L	#	90
35) CHLOROFORM	3.734	83	787521	255.107	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.901	97	700247	283.348	UG/L		98
37) CYCLOHEXANE	3.948	56	611945	188.608	UG/L		91
38) CARBON TETRACHLORIDE	4.063	117	596272	294.569	UG/L		100
39) 1,1-DICHLOROPROPENE	4.071	75	568574	235.043	UG/L		97
40) BENZENE	4.275	78	1596747	196.301	UG/L		99
41) T-AMYLMETHYL ETHER	4.414	73	1213891	232.956	UG/L		93
44) 1,2-DICHLOROETHANE	4.303	62	751236	263.212	UG/L		99
45) TRICHLOROETHENE	4.922	95	439137	218.676	UG/L		96
46) METHYLCYCLOHEXANE	5.100	83	441035	211.867	UG/L	#	89
47) 1,2-DICHLOROPROPANE	5.142	63	461255	208.843	UG/L	#	88
48) DIBROMOMETHANE	5.253	93	303485	224.599	UG/L		97
49) 1,4-DIOXANE	5.312	88	46816	1260.424	UG/L	#	78
50) BROMODICHLOROMETHANE	5.424	83	643734	274.571	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.758	63	2141771	1290.524	UG/L		87
52) MIBK	6.057	43	4091466	1495.223	UG/L		95
53) CIS-1,3-DICHLOROPROPENE	5.870	75	784872	243.777	UG/L	#	85
54) TOLUENE	6.188	91	1752010	192.294	UG/L		100

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204018.D Vial: 18
Acq On : 23 Jul 2013 7:39 pm Operator:
Sample : 8260STD 200PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:13:25 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

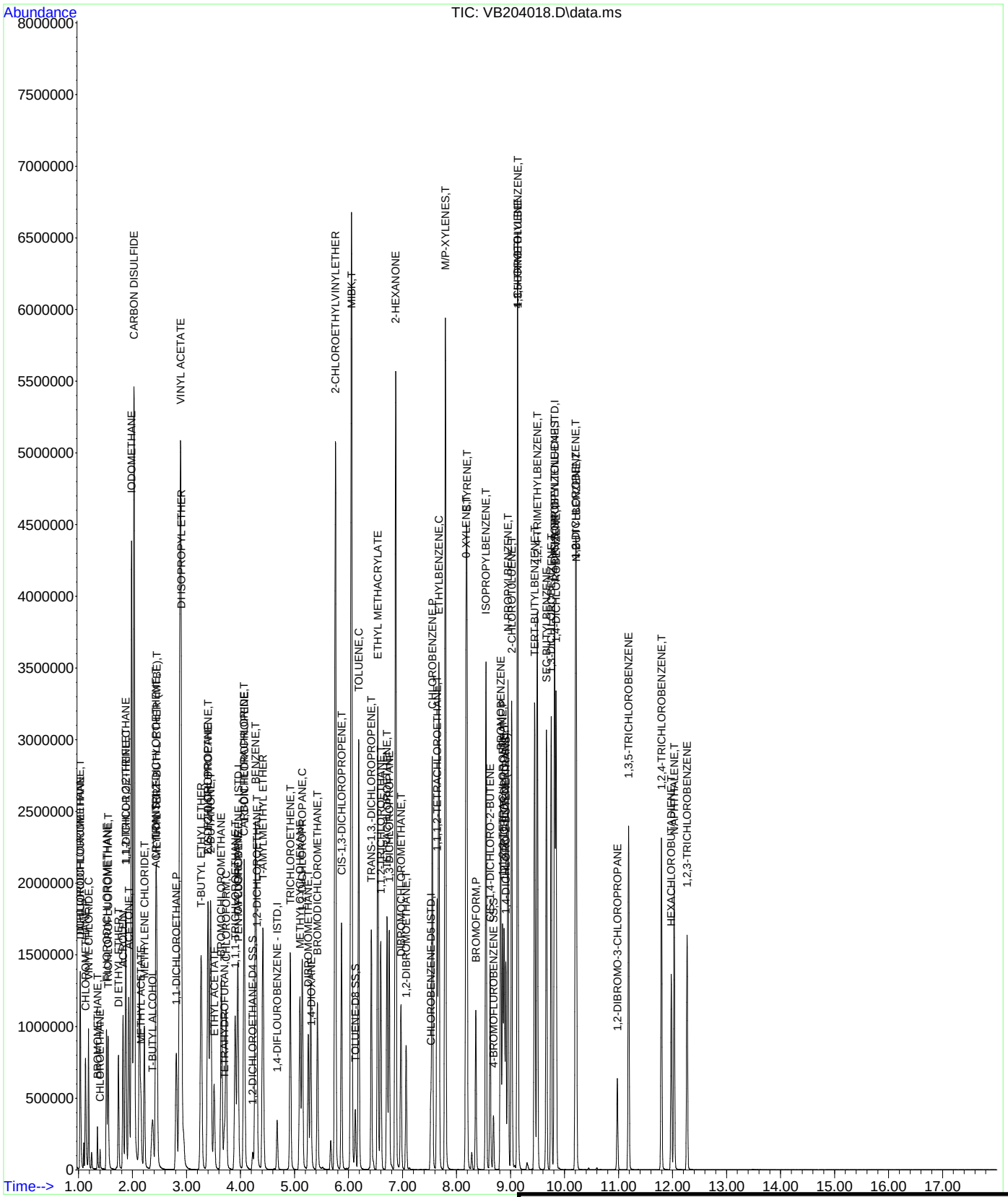
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	736226	268.256	UG/L		88
56) ETHYL METHACRYLATE	6.542	41	1020095	426.633	UG/L	#	77
57) 1,1,2-TRICHLOROETHANE	6.598	97	417551	213.308	UG/L		98
58) 2-HEXANONE	6.874	43	3310250	1654.702	UG/L	#	93
59) TETRACHLOROETHENE	6.712	164	349553	217.254	UG/L		96
60) 1,3-DICHLOROPROPANE	6.754	76	768966	222.502	UG/L		87
61) DIBROMOCHLOROMETHANE	6.971	129	529606	220.641	UG/L		99
62) 1,2-DIBROMOETHANE	7.066	107	497342	236.113	UG/L		100
65) CHLOROBENZENE	7.551	112	1294256	183.900	UG/L		97
66) 1,1,1,2-TETRACHLOROETHANE	7.641	131	488239	219.198	UG/L		98
67) ETHYLBENZENE	7.674	91	2087131	186.565	UG/L		98
68) M/P-XYLENES	7.794	91	3040980	357.404	UG/L		99
69) 0-XYLENE	8.176	91	1729997	189.462	UG/L		97
70) STYRENE	8.193	104	1429093	188.592	UG/L		92
71) BROMOFORM	8.357	173	435681	208.932	UG/L		100
72) ISOPROPYLBENZENE	8.544	105	2052823	198.234	UG/L		100
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	269421	223.916	UG/L	#	88
74) 1,1,2,2-TETRACHLOROETHANE	8.854	83	668657	206.150	UG/L		100
75) 1,4-DICHLORO-2-BUTENE(...	8.912	53	262760	222.423	UG/L		95
76) BROMOBENZENE	8.817	77	961959	212.806	UG/L		99
77) 1,2,3-TRICHLOROPROPANE	8.881	110	225519	216.019	UG/L		100
78) N-PROPYLBENZENE	8.954	91	2229187	197.579	UG/L		99
79) 2-CHLOROT0LUENE	9.021	91	1575271	204.425	UG/L		98
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	1766740	203.852	UG/L		99
81) 4-CHLOROTOLUENE	9.130	91	1753623	203.454	UG/L		99
83) TERT-BUTYLBENZENE	9.448	119	1439785	217.155	UG/L		95
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	1891141	224.662	UG/L		100
85) SEC-BUTYLBENZENE	9.665	105	1893510	219.217	UG/L		99
86) 1,3-DICHLOROBENZENE	9.754	146	1129831	218.092	UG/L		100
87) P-ISOPROPYLTOLUENE	9.816	119	1674803	219.989	UG/L		98
88) 1,4-DICHLOROBENZENE	9.844	146	1113723	213.451	UG/L		99
89) N-BUTYLBENZENE	10.217	91	1358518	245.089	UG/L		100
90) 1,2-DICHLOROBENZENE	10.203	146	1120131	217.730	UG/L		99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	136305	252.936	UG/L		91
92) 1,3,5-TRICHLOROBENZENE	11.188	180	671071	256.443	UG/L		96
93) 1,2,4-TRICHLOROBENZENE	11.796	180	622740	246.697	UG/L		95
94) HEXACHLOROBUTADIENE	11.977	225	255827	302.858	UG/L		99
95) NAPHTHALENE	12.030	128	1304213	242.501	UG/L		100
96) 1,2,3-TRICHLOROBENZENE	12.270	180	446145	268.384	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204018.D Vial: 18
Acq On : 23 Jul 2013 7:39 pm Operator:
Sample : 8260STD 200PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 11:13:25 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0703W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 16 14:48:35 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204021.D Vial: 21
Acq On : 23 Jul 2013 9:13 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 14:13:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.960	168	151729	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	235604	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	123244	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	115921	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	83860	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
43) TOLUENE-D8 SS	6.121	98	229636	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
64) 4-BROMOFLUROBENZENE SS	8.684	95	96052	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	15562	6.261	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.040	51	27541	7.885	UG/L		97
5) CHLOROMETHANE	1.132	50	24086	8.252	UG/L		99
6) VINYL CHLORIDE	1.188	62	18769	8.311	UG/L		99
7) BROMOMETHANE	1.369	94	11689	19.258	UG/L		99
8) CHLOROETHANE	1.422	64	12035	11.714	UG/L		99
9) FLUORODICHLOROMETHANE	1.533	67	36149	10.975	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	30378	10.968	UG/L		99
12) DI ETHYL ETHER	1.743	59	18440	10.857	UG/L		92
13) ACROLEIN	1.823	56	29529	86.748	UG/L	#	99
14) ACETONE	1.924	43	86893	111.501	UG/L		98
15) 1,1-DICHLOROETHENE	1.888	61	39485	14.673	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	15838	11.658	UG/L		96
17) IODOMETHANE	1.991	142	22287	10.326	UG/L		100
18) METHYL ACETATE	2.153	43	24679	12.272	UG/L		96
19) T-BUTYL ALCOHOL	2.323	59	24854	105.743	UG/L		96
20) ACRYLONITRILE	2.426	53	9840	9.098	UG/L		95
21) METHYLENE CHLORIDE	2.225	49	44630	17.639	UG/L		95
22) CARBON DISULFIDE	2.041	76	47950	12.061	UG/L		94
23) METHYL TERT-BUTYL ETHE...	2.448	73	107172	17.007	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.443	61	43106	13.460	UG/L		99
25) 1,1-DICHLOROETHANE	2.816	63	69771	16.861	UG/L		99
26) VINYL ACETATE	2.875	43	505682	91.118	UG/L	#	92
27) DI ISOPROPYL ETHER	2.897	45	91764	12.327	UG/L		90
28) 2-BUTANONE	3.435	43	152239	106.016	UG/L		96
29) T-BUTYL ETHYL ETHER	3.268	59	87496	12.350	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	65410	16.843	UG/L		100
31) 2,2-DICHLOROPROPANE	3.402	77	40574	15.646	UG/L		99
32) ETHYL ACETATE	3.508	43	29671	8.781	UG/L		99
33) BROMOCHLOROMETHANE	3.644	128	19464	18.384	UG/L		94
34) TETRAHYDROFURAN	3.700	42	9944	11.774	UG/L	#	99
35) CHLOROFORM	3.734	83	71940	17.684	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.904	97	54680	16.804	UG/L		99
37) CYCLOHEXANE	3.951	56	41157	11.756	UG/L		97
38) CARBON TETRACHLORIDE	4.071	117	43551	15.956	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	50599	17.009	UG/L		100
40) BENZENE	4.277	78	144954	15.815	UG/L		98
41) T-AMYLMETHYL ETHER	4.414	73	72580	12.470	UG/L		97
44) 1,2-DICHLOROETHANE	4.303	62	69816	18.069	UG/L		99
45) TRICHLOROETHENE	4.922	95	38825	17.011	UG/L		98
46) METHYLCYCLOHEXANE	5.103	83	28219	13.104	UG/L		99
47) 1,2-DICHLOROPROPANE	5.145	63	43126	18.067	UG/L		100
48) DIBROMOMETHANE	5.253	93	26821	17.972	UG/L		99
49) 1,4-DIOXANE	5.295	88	2299	104.610	UG/L		95
50) BROMODICHLOROMETHANE	5.426	83	52845	18.321	UG/L		100
52) MIBK	6.040	43	318292	113.091	UG/L	#	91
53) CIS-1,3-DICHLOROPROPENE	5.867	75	63475	17.968	UG/L		99
54) TOLUENE	6.185	91	161692	16.680	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	59455	18.308	UG/L		99

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204021.D Vial: 21
Acq On : 23 Jul 2013 9:13 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 14:13:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M

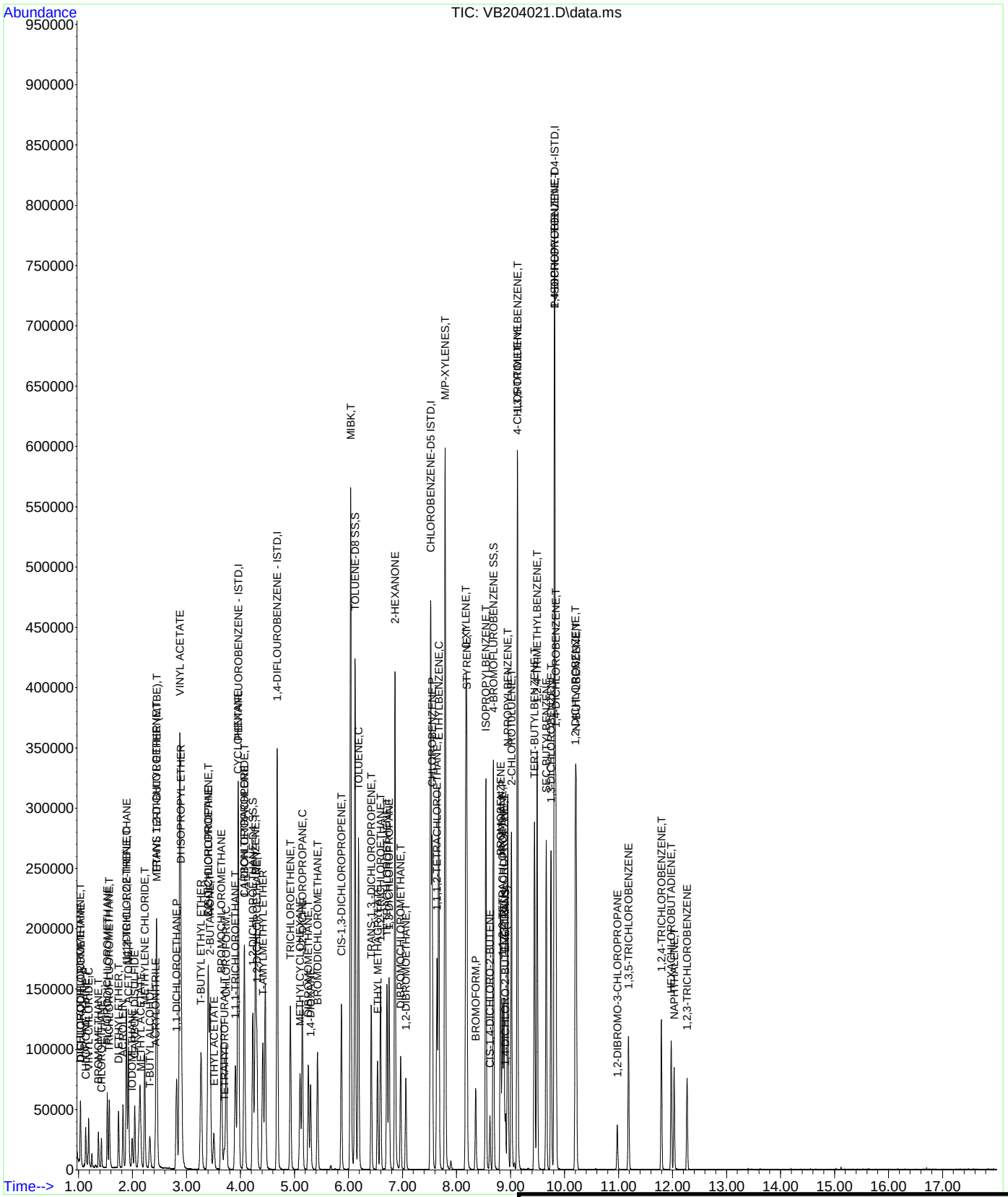
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) ETHYL METHACRYLATE	6.536	41	29347	11.329	UG/L		97
57) 1,1,2-TRICHLOROETHANE	6.595	97	38938	18.889	UG/L		100
58) 2-HEXANONE	6.860	43	222668	111.968	UG/L		94
59) TETRACHLOROETHENE	6.712	164	31480	17.938	UG/L		99
60) 1,3-DICHLOROPROPANE	6.751	76	71945	18.822	UG/L		99
61) DIBROMOCHLOROMETHANE	6.966	129	39344	16.726	UG/L		99
62) 1,2-DIBROMOETHANE	7.061	107	43680	19.045	UG/L		100
65) CHLOROBENZENE	7.549	112	117613	18.539	UG/L		99
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	40210	19.403	UG/L		99
67) ETHYLBENZENE	7.671	91	193630	18.051	UG/L		97
68) M/P-XYLENES	7.788	91	301770	36.012	UG/L		99
69) 0-XYLENE	8.173	91	163215	18.516	UG/L		100
70) STYRENE	8.190	104	132595	18.990	UG/L		97
71) BROMOFORM	8.354	173	26084	17.003	UG/L		99
72) ISOPROPYLBENZENE	8.544	105	186221	18.385	UG/L		98
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	8941	8.467	UG/L	#	78
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	54116	18.573	UG/L		99
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	8966	10.698	UG/L	#	82
76) BROMOBENZENE	8.815	77	82270	18.387	UG/L		97
77) 1,2,3-TRICHLOROPROPANE	8.876	110	18856	19.217	UG/L		79
78) N-PROPYLBENZENE	8.948	91	204177	18.665	UG/L		97
79) 2-CHLOROT0LUENE	9.018	91	137122	17.721	UG/L		98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	158694	18.310	UG/L		99
81) 4-CHLOROTOLUENE	9.124	91	161210	18.548	UG/L		100
83) TERT-BUTYLBENZENE	9.442	119	122245	18.016	UG/L		100
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	166555	18.541	UG/L		98
85) SEC-BUTYLBENZENE	9.662	105	166191	18.269	UG/L		97
86) 1,3-DICHLOROBENZENE	9.749	146	96725	19.342	UG/L		98
87) P-ISOPROPYLTOLUENE	9.813	119	144429	18.728	UG/L		98
88) 1,4-DICHLOROBENZENE	9.838	146	97741	19.482	UG/L		99
89) N-BUTYLBENZENE	10.214	91	109742	18.463	UG/L		99
90) 1,2-DICHLOROBENZENE	10.201	146	94691	18.994	UG/L		98
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	7636	16.960	UG/L		99
92) 1,3,5-TRICHLOROBENZENE	11.185	180	31263	11.150	UG/L		99
93) 1,2,4-TRICHLOROBENZENE	11.793	180	31954	16.384	UG/L		100
94) HEXACHLOROBUTADIENE	11.977	225	20342	19.601	UG/L		99
95) NAPHTHALENE	12.030	128	55408	16.849	UG/L		98
96) 1,2,3-TRICHLOROBENZENE	12.267	180	20523	15.993	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072313\VB204021.D Vial: 21
Acq On : 23 Jul 2013 9:13 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 24 14:13:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0703W13.M



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300078
Lab File ID:	VB210003.D	Calibration Date:	07/23/13 00:00
Sequence:	S004469	Injection Date:	07/29/13
Lab Sample ID:	S004469-CCV1	Injection Time:	10:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	101	0.1540838	0.1555252		0.9	20	
Acrylonitrile	A	10.0	7.79	0.2138454	0.1666088		-22.1	20	*
tert-Amyl Methyl Ether (TAME)	A	10.0	10.5	1.150765	1.212765		5.4	20	
Benzene	A	10.0	9.87	1.812234	1.789409		-1.3	20	
Bromobenzene	A	10.0	10.3	1.089134	1.118274		2.7	20	
Bromochloromethane	A	10.0	10.9	0.209339	0.2288348		9.3	20	
Bromodichloromethane	A	10.0	10.6	0.3672807	0.3882025		5.7	20	
Bromoform	L	10.0	10.8	0.343916	0.3173332		7.6	20	
Bromomethane	L	10.0	23.1	0.2281141	0.2650261		131	20	*
2-Butanone (MEK)	A	100	91.0	0.283928	0.258411		-9.0	20	
tert-Butyl Alcohol (TBA)	A	100	107	4.647252E-02	4.994493E-02		7.5	20	
n-Butylbenzene	A	10.0	9.75	1.538297	1.500329		-2.5	20	
sec-Butylbenzene	A	10.0	10.2	2.354193	2.401629		2.0	20	
tert-Butylbenzene	A	10.0	10.4	1.756028	1.822581		3.8	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.6	1.400792	1.484776		6.0	20	
Carbon Disulfide	A	100	122	0.7860802	0.9564869		21.7	20	*
Carbon Tetrachloride	A	10.0	10.7	0.5396721	0.5759567		6.7	20	
Chlorobenzene	A	10.0	10.5	1.54429	1.629094		5.5	20	
Chlorodibromomethane	L	10.0	10.2	0.2396937	0.2771957		1.6	20	
Chloroethane	A	10.0	11.5	0.2031349	0.2329817		14.7	20	
Chloroform	A	10.0	10.7	0.8043579	0.8579919		6.7	20	
Chloromethane	A	10.0	9.41	0.5771014	0.5430474		-5.9	20	
2-Chlorotoluene	A	10.0	10.1	1.88351	1.91154		1.5	20	
4-Chlorotoluene	A	10.0	10.6	2.115654	2.234912		5.6	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300078
Lab File ID:	VB210003.D	Calibration Date:	07/23/13 00:00
Sequence:	S004469	Injection Date:	07/29/13
Lab Sample ID:	S004469-CCV1	Injection Time:	10:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	10.1	0.1170426	8.357868E-02		0.6	20	
1,2-Dibromoethane (EDB)	A	10.0	10.8	0.292038	0.3150642		7.9	20	
Dibromomethane	A	10.0	10.6	0.1900245	0.201707		6.1	20	
1,2-Dichlorobenzene	A	10.0	10.4	1.290172	1.344233		4.2	20	
1,3-Dichlorobenzene	A	10.0	10.6	1.294185	1.367843		5.7	20	
1,4-Dichlorobenzene	A	10.0	10.2	1.298404	1.325197		2.1	20	
trans-1,4-Dichloro-2-butene	L	10.0	8.14	0.2256003	0.139895		-18.6	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.92	0.4914474	0.4875186		-0.8	20	
1,1-Dichloroethane	A	10.0	10.3	0.8181724	0.8400514		2.7	20	
1,2-Dichloroethane	A	10.0	11.5	0.4919963	0.5639389		14.6	20	
1,1-Dichloroethylene	A	10.0	11.6	0.532067	0.6189339		16.3	20	
cis-1,2-Dichloroethylene	A	10.0	10.5	0.7678341	0.8060112		5.0	20	
trans-1,2-Dichloroethylene	A	10.0	9.26	0.6332201	0.5866678		-7.4	20	
1,2-Dichloropropane	A	10.0	10.1	0.3039374	0.3064949		0.8	20	
1,3-Dichloropropane	A	10.0	10.4	0.4867107	0.5049173		3.7	20	
2,2-Dichloropropane	A	10.0	12.6	0.5127511	0.6451239		25.8	20	*
1,1-Dichloropropene	A	10.0	10.2	0.588175	0.6020801		2.4	20	
cis-1,3-Dichloropropene	A	10.0	10.5	0.4498283	0.4711072		4.7	20	
trans-1,3-Dichloropropene	A	10.0	10.0	0.4135167	0.4134432		-0.02	20	
Diethyl Ether	A	10.0	10.6	0.3358236	0.357456		6.4	20	
Diisopropyl Ether (DIPE)	A	10.0	10.3	1.471806	1.517153		3.1	20	
1,4-Dioxane	A	100	105	2.798376E-03	2.932832E-03		4.8	20	
Ethylbenzene	A	10.0	10.2	2.611093	2.670215		2.3	20	
Hexachlorobutadiene	A	10.0	10.0	0.2685825	0.2691439		0.2	20	
2-Hexanone (MBK)	A	100	98.5	0.2532231	0.2495083		-1.5	20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300078
Lab File ID:	VB210003.D	Calibration Date:	07/23/13 00:00
Sequence:	S004469	Injection Date:	07/29/13
Lab Sample ID:	S004469-CCV1	Injection Time:	10:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.5	2.465616	2.590486		5.1	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.5	1.995776	2.08901		4.7	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.94	1.245938	1.238223		-0.6	20	
Methylene Chloride	A	10.0	14.0	0.5002735	0.6994109		39.8	20	*
4-Methyl-2-pentanone (MIBK)	A	100	99.8	0.3583725	0.3576245		-0.2	20	
Naphthalene	L	10.0	9.34	1.021174	0.2223239		-6.6	20	
n-Propylbenzene	A	10.0	10.2	2.662807	2.722625		2.2	20	
Styrene	A	10.0	10.3	1.699632	1.758335		3.5	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.7	0.5044555	0.5385675		6.8	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.56	0.7092672	0.67806		-4.4	20	
Tetrachloroethylene	A	10.0	10.7	0.2234537	0.2386558		6.8	20	
Tetrahydrofuran	A	10.0	8.76	0.1669846	0.1463398		-12.4	20	
Toluene	A	10.0	10.1	1.234303	1.252476		1.5	20	
1,2,3-Trichlorobenzene	L	10.0	8.12	0.3255499	0.1030156		-18.8	20	
1,2,4-Trichlorobenzene	L	10.0	8.20	0.4731095	0.2050879		-18.0	20	
1,3,5-Trichlorobenzene	A	10.0	7.93	0.7256041	0.5753323		-20.7	20	*
1,1,1-Trichloroethane	A	10.0	11.0	0.6433871	0.710765		10.5	20	
1,1,2-Trichloroethane	A	10.0	10.5	0.26248	0.2751957		4.8	20	
Trichloroethylene	A	10.0	10.4	0.290625	0.301546		3.8	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.5	0.5476153	0.6322174		15.4	20	
1,2,3-Trichloropropane	A	10.0	9.73	0.2388472	0.232398		-2.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.1	0.2686094	0.2982902		11.0	20	
1,2,4-Trimethylbenzene	A	10.0	10.5	2.324737	2.437588		4.9	20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300078
Lab File ID:	VB210003.D	Calibration Date:	07/23/13 00:00
Sequence:	S004469	Injection Date:	07/29/13
Lab Sample ID:	S004469-CCV1	Injection Time:	10:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.7	2.109788	2.255843		6.9	20
Vinyl Chloride	A	10.0	10.4	0.4465223	0.4654977		4.2	20
m+p Xylene	A	20.0	21.0	2.039767	2.139899		4.9	20
o-Xylene	A	10.0	10.5	2.145645	2.259815		5.3	20
1,2-Dichloroethane-d4	A	25.0	26.3	0.664209	0.6981113		5.1	
Toluene-d8	A	25.0	25.2	1.180177	1.190499		0.9	
4-Bromofluorobenzene	A	25.0	25.0	0.9375206	0.9363867		-0.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210003.D Vial: 3
Acq On : 29 Jul 2013 10:47 am Operator:
Sample : BFB / 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 29 11:05:49 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	135281	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	205501	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	111791	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	104955	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	78701	26.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.12%				
43) TOLUENE-D8 SS	6.121	98	203874	25.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.88%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	87233	24.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	21984	9.920	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.037	51	30376	9.754	UG/L		100
5) CHLOROMETHANE	1.132	50	24488	9.410	UG/L		99
6) VINYL CHLORIDE	1.188	62	20991	10.425	UG/L		100
7) BROMOMETHANE	1.366	94	11951	23.053	UG/L		100
8) CHLOROETHANE	1.425	64	10506	11.469	UG/L		100
9) FLUORODICHLOROMETHANE	1.531	67	33552	11.425	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	28509	11.545	UG/L		99
11) ETHANOL	1.673	45	2299	129.726	UG/L	#	91
12) DI ETHYL ETHER	1.740	59	16119	10.644	UG/L		92
13) ACROLEIN	1.821	56	16362	53.911	UG/L	#	98
14) ACETONE	1.921	43	70132	100.935	UG/L		96
15) 1,1-DICHLOROETHENE	1.888	61	27910	11.633	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	13451	11.105	UG/L		97
17) IODOMETHANE	1.991	142	205661	106.873	UG/L		98
18) METHYL ACETATE	2.150	43	17068	9.519	UG/L		95
19) T-BUTYL ALCOHOL	2.314	59	22522	107.472	UG/L		96
20) ACRYLONITRILE	2.420	53	7513	7.791	UG/L		97
21) METHYLENE CHLORIDE	2.225	49	31539	13.981	UG/L		94
22) CARBON DISULFIDE	2.041	76	431315	121.678	UG/L	#	94
23) METHYL TERT-BUTYL ETHE...	2.442	73	55836	9.938	UG/L		96
24) TRANS 1,2-DICHLOROETHENE	2.440	61	26455	9.265	UG/L		99
25) 1,1-DICHLOROETHANE	2.816	63	37881	10.267	UG/L		99
26) VINYL ACETATE	2.872	43	566178	114.423	UG/L	#	92
27) DI ISOPROPYL ETHER	2.891	45	68414	10.308	UG/L		91
28) 2-BUTANONE	3.430	43	116527	91.013	UG/L		96
29) T-BUTYL ETHYL ETHER	3.265	59	66954	10.600	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	36346	10.497	UG/L		96
31) 2,2-DICHLOROPROPANE	3.399	77	29091	12.582	UG/L		99
32) ETHYL ACETATE	3.502	43	26220	8.703	UG/L		97
33) BROMOCHLOROMETHANE	3.642	128	10319	10.931	UG/L		98
34) TETRAHYDROFURAN	3.697	42	6599	8.764	UG/L	#	96
35) CHLOROFORM	3.734	83	38690	10.667	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.907	97	32051	11.047	UG/L		99
37) CYCLOHEXANE	3.951	56	30161	9.662	UG/L		99
38) CARBON TETRACHLORIDE	4.068	117	25972	10.672	UG/L		98
39) 1,1-DICHLOROPROPENE	4.071	75	27150	10.236	UG/L		99
40) BENZENE	4.277	78	80691	9.874	UG/L		98
41) T-AMYLMETHYL ETHER	4.411	73	54688	10.539	UG/L		96
44) 1,2-DICHLOROETHANE	4.300	62	38630	11.462	UG/L		99
45) TRICHLOROETHENE	4.922	95	20656	10.376	UG/L		98
46) METHYLCYCLOHEXANE	5.103	83	19373	10.314	UG/L		98
47) 1,2-DICHLOROPROPANE	5.142	63	20995	10.084	UG/L		98
48) DIBROMOMETHANE	5.253	93	13817	10.615	UG/L		99
49) 1,4-DIOXANE	5.298	88	2009	104.805	UG/L	#	68
50) BROMODICHLOROMETHANE	5.426	83	26592	10.570	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.744	63	121392	105.385	UG/L		93
52) MIBK	6.037	43	244974	99.791	UG/L	#	91
53) CIS-1,3-DICHLOROPROPENE	5.870	75	32271	10.473	UG/L		96

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210003.D Vial: 3
Acq On : 29 Jul 2013 10:47 am Operator:
Sample : BFB / 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 29 11:05:49 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

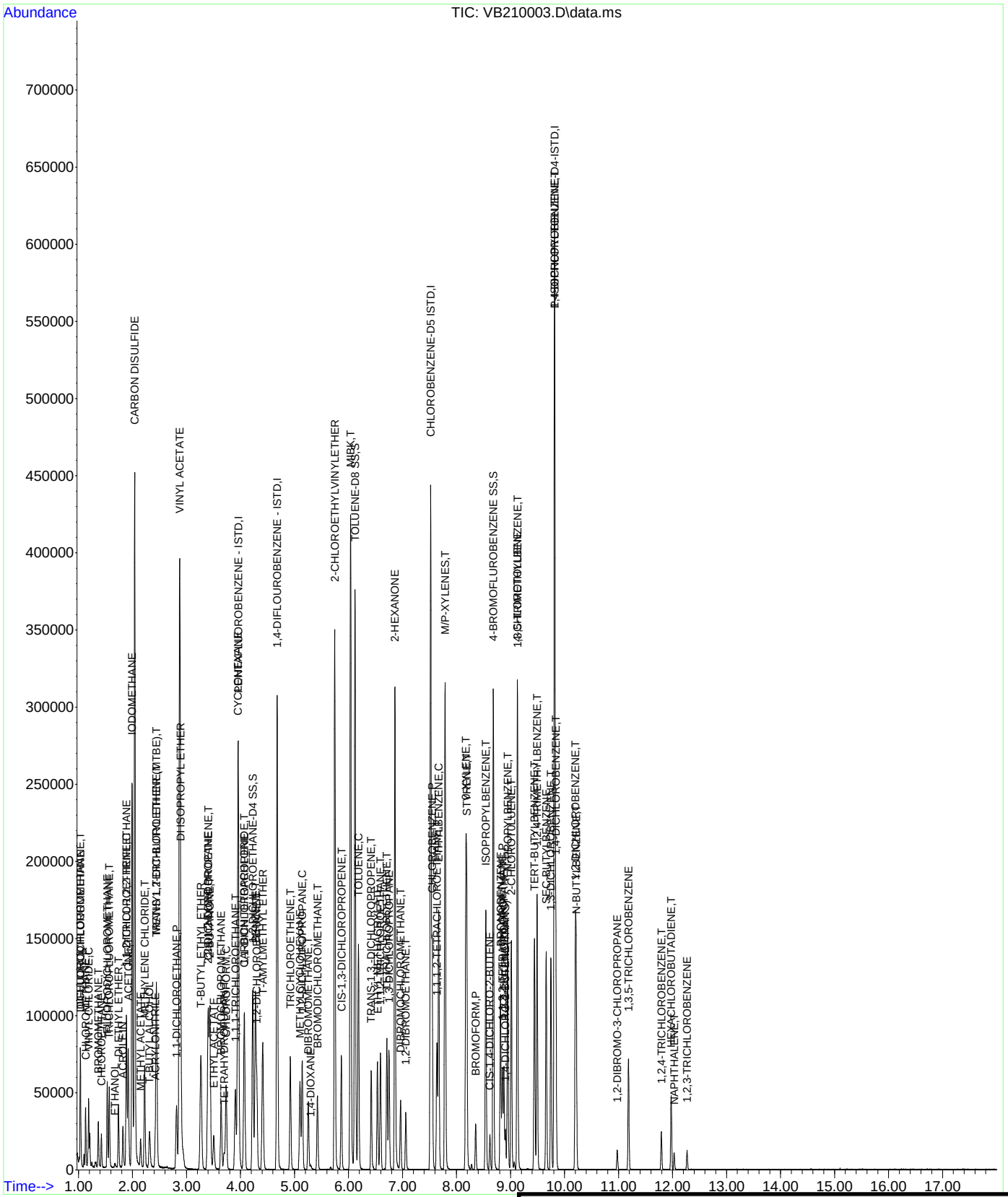
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) TOLUENE	6.185	91	85795	10.147 UG/L	97
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	28321	9.998 UG/L	98
56) ETHYL METHACRYLATE	6.536	41	23297	10.311 UG/L	92
57) 1,1,2-TRICHLOROETHANE	6.592	97	18851	10.484 UG/L	99
58) 2-HEXANONE	6.857	43	170914	98.533 UG/L #	92
59) TETRACHLOROETHENE	6.709	164	16348	10.680 UG/L	99
60) 1,3-DICHLOROPROPANE	6.748	76	34587	10.374 UG/L	97
61) DIBROMOCHLOROMETHANE	6.966	129	18988	10.156 UG/L	100
62) 1,2-DIBROMOETHANE	7.058	107	21582	10.788 UG/L	97
65) CHLOROBENZENE	7.548	112	60706	10.549 UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	20069	10.676 UG/L	97
67) ETHYLBENZENE	7.668	91	99502	10.226 UG/L	97
68) M/P-XYLENES	7.788	91	159481	20.982 UG/L	96
69) 0-XYLENE	8.173	91	84209	10.532 UG/L	99
70) STYRENE	8.187	104	65522	10.345 UG/L	99
71) BROMOFORM	8.354	173	11825	10.757 UG/L #	97
72) ISOPROPYLBENZENE	8.544	105	96531	10.506 UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.614	53	4800	5.011 UG/L #	74
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	25267	9.560 UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	5213	8.142 UG/L #	78
76) BROMOBENZENE	8.815	77	41671	10.268 UG/L	99
77) 1,2,3-TRICHLOROPROPANE	8.876	110	8660	9.730 UG/L	76
78) N-PROPYLBENZENE	8.946	91	101455	10.225 UG/L	97
79) 2-CHLOROT0LUENE	9.013	91	71231	10.149 UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	84061	10.692 UG/L	97
81) 4-CHLOROTOLUENE	9.124	91	83281	10.564 UG/L	97
83) TERT-BUTYLBENZENE	9.442	119	63763	10.379 UG/L	100
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	85279	10.485 UG/L	97
85) SEC-BUTYLBENZENE	9.659	105	84021	10.201 UG/L	97
86) 1,3-DICHLOROBENZENE	9.746	146	47854	10.569 UG/L	99
87) P-ISOPROPYLTOLUENE	9.813	119	73084	10.467 UG/L	98
88) 1,4-DICHLOROBENZENE	9.838	146	46362	10.206 UG/L	98
89) N-BUTYLBENZENE	10.217	91	52489	9.753 UG/L	98
90) 1,2-DICHLOROBENZENE	10.200	146	47028	10.419 UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.973	75	2924	10.061 UG/L	90
92) 1,3,5-TRICHLOROBENZENE	11.182	180	20128	7.929 UG/L	100
93) 1,2,4-TRICHLOROBENZENE	11.793	180	7175	8.195 UG/L	100
94) HEXACHLOROBUTADIENE	11.977	225	9416	10.021 UG/L	98
95) NAPHTHALENE	12.030	128	7778	9.339 UG/L	98
96) 1,2,3-TRICHLOROBENZENE	12.270	180	3604	8.116 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210003.D Vial: 3
Acq On : 29 Jul 2013 10:47 am Operator:
Sample : BFB / 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 29 11:05:49 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300079
Lab File ID:	VB211004.D	Calibration Date:	07/23/13 00:00
Sequence:	S004488	Injection Date:	07/30/13
Lab Sample ID:	S004488-CCV1	Injection Time:	15:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	94.0	0.1540838	0.1447881		-6.0	20	
Acrylonitrile	A	10.0	7.32	0.2138454	0.1565783		-26.8	20	*
tert-Amyl Methyl Ether (TAME)	A	10.0	8.88	1.150765	1.022264		-11.2	20	
Benzene	A	10.0	9.29	1.812234	1.683487		-7.1	20	
Bromobenzene	A	10.0	9.67	1.089134	1.052992		-3.3	20	
Bromochloromethane	A	10.0	9.56	0.209339	0.200105		-4.4	20	
Bromodichloromethane	A	10.0	9.31	0.3672807	0.3419762		-6.9	20	
Bromoform	L	10.0	9.70	0.343916	0.2638278		-3.0	20	
Bromomethane	L	10.0	20.9	0.2281141	0.2455521		109	20	*
2-Butanone (MEK)	A	100	85.1	0.283928	0.24165		-14.9	20	
tert-Butyl Alcohol (TBA)	A	100	82.8	4.647252E-02	3.846507E-02		-17.2	20	
n-Butylbenzene	A	10.0	9.52	1.538297	1.464222		-4.8	20	
sec-Butylbenzene	A	10.0	10.2	2.354193	2.395918		1.8	20	
tert-Butylbenzene	A	10.0	10.1	1.756028	1.781537		1.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.03	1.400792	1.265527		-9.7	20	
Carbon Disulfide	A	100	117	0.7860802	0.9206531		17.1	20	
Carbon Tetrachloride	A	10.0	10.7	0.5396721	0.5788472		7.3	20	
Chlorobenzene	A	10.0	9.70	1.54429	1.498483		-3.0	20	
Chlorodibromomethane	L	10.0	9.25	0.2396937	0.2463443		-7.5	20	
Chloroethane	A	10.0	10.6	0.2031349	0.2158121		6.2	20	
Chloroform	A	10.0	10.1	0.8043579	0.8088153		0.6	20	
Chloromethane	A	10.0	8.84	0.5771014	0.5101842		-11.6	20	
2-Chlorotoluene	A	10.0	9.52	1.88351	1.792673		-4.8	20	
4-Chlorotoluene	A	10.0	9.92	2.115654	2.098311		-0.8	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300079
Lab File ID:	VB211004.D	Calibration Date:	07/23/13 00:00
Sequence:	S004488	Injection Date:	07/30/13
Lab Sample ID:	S004488-CCV1	Injection Time:	15:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.15	0.1170426	6.855867E-02		-8.5	20
1,2-Dibromoethane (EDB)	A	10.0	10.1	0.292038	0.2941271		0.7	20
Dibromomethane	A	10.0	9.91	0.1900245	0.1882619		-0.9	20
1,2-Dichlorobenzene	A	10.0	9.59	1.290172	1.236926		-4.1	20
1,3-Dichlorobenzene	A	10.0	9.81	1.294185	1.269898		-1.9	20
1,4-Dichlorobenzene	A	10.0	9.69	1.298404	1.257589		-3.1	20
trans-1,4-Dichloro-2-butene	L	10.0	8.02	0.2256003	0.1360176		-19.8	20
Dichlorodifluoromethane (Freon 12)	A	10.0	10.9	0.4914474	0.5355173		9.0	20
1,1-Dichloroethane	A	10.0	9.58	0.8181724	0.7834329		-4.2	20
1,2-Dichloroethane	A	10.0	11.1	0.4919963	0.5458451		10.9	20
1,1-Dichloroethylene	A	10.0	11.6	0.532067	0.6176963		16.1	20
cis-1,2-Dichloroethylene	A	10.0	9.74	0.7678341	0.7478827		-2.6	20
trans-1,2-Dichloroethylene	A	10.0	8.91	0.6332201	0.5643711		-10.9	20
1,2-Dichloropropane	A	10.0	9.42	0.3039374	0.2862821		-5.8	20
1,3-Dichloropropane	A	10.0	9.90	0.4867107	0.4815929		-1.1	20
2,2-Dichloropropane	A	10.0	11.6	0.5127511	0.5949235		16.0	20
1,1-Dichloropropene	A	10.0	10.5	0.588175	0.6147174		4.5	20
cis-1,3-Dichloropropene	A	10.0	9.13	0.4498283	0.4108392		-8.7	20
trans-1,3-Dichloropropene	A	10.0	8.41	0.4135167	0.3478807		-15.9	20
Diethyl Ether	A	10.0	9.47	0.3358236	0.3179326		-5.3	20
Diisopropyl Ether (DIPE)	A	10.0	9.36	1.471806	1.377519		-6.4	20
1,4-Dioxane	A	100	81.7	2.798376E-03	2.285481E-03		-18.3	20
Ethylbenzene	A	10.0	9.98	2.611093	2.606013		-0.2	20
Hexachlorobutadiene	A	10.0	9.99	0.2685825	0.2683355		-0.09	20
2-Hexanone (MBK)	A	100	96.8	0.2532231	0.2450357		-3.2	20

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300079
Lab File ID:	VB211004.D	Calibration Date:	07/23/13 00:00
Sequence:	S004488	Injection Date:	07/30/13
Lab Sample ID:	S004488-CCV1	Injection Time:	15:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.2	2.465616	2.507494		1.7	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.2	1.995776	2.039892		2.2	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	8.86	1.245938	1.103827		-11.4	20	
Methylene Chloride	A	10.0	11.3	0.5002735	0.563534		12.6	20	
4-Methyl-2-pentanone (MIBK)	A	100	98.3	0.3583725	0.3522924		-1.7	20	
Naphthalene	L	10.0	9.18	1.021174	0.1969707		-8.2	20	
n-Propylbenzene	A	10.0	9.93	2.662807	2.643006		-0.7	20	
Styrene	A	10.0	9.49	1.699632	1.61312		-5.1	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.18	0.5044555	0.4629475		-8.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.24	0.7092672	0.6555549		-7.6	20	
Tetrachloroethylene	A	10.0	11.5	0.2234537	0.2566107		14.8	20	
Tetrahydrofuran	A	10.0	8.13	0.1669846	0.135775		-18.7	20	
Toluene	A	10.0	9.96	1.234303	1.229681		-0.4	20	
1,2,3-Trichlorobenzene	L	10.0	7.86	0.3255499	8.934949E-02		-21.4	20	*
1,2,4-Trichlorobenzene	L	10.0	7.78	0.4731095	0.1733737		-22.2	20	*
1,3,5-Trichlorobenzene	A	10.0	7.27	0.7256041	0.527838		-27.3	20	*
1,1,1-Trichloroethane	A	10.0	10.7	0.6433871	0.6889197		7.1	20	
1,1,2-Trichloroethane	A	10.0	9.83	0.26248	0.2579707		-1.7	20	
Trichloroethylene	A	10.0	10.1	0.290625	0.2936461		1.0	20	
Trichlorofluoromethane (Freon 11)	A	10.0	12.9	0.5476153	0.7053161		28.8	20	*
1,2,3-Trichloropropane	A	10.0	9.72	0.2388472	0.2321577		-2.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	12.9	0.2686094	0.3461463		28.9	20	*
1,2,4-Trimethylbenzene	A	10.0	10.2	2.324737	2.380357		2.4	20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300079
Lab File ID:	VB211004.D	Calibration Date:	07/23/13 00:00
Sequence:	S004488	Injection Date:	07/30/13
Lab Sample ID:	S004488-CCV1	Injection Time:	15:47

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.2	2.109788	2.14934		1.9	20
Vinyl Chloride	A	10.0	10.2	0.4465223	0.455431		2.0	20
m+p Xylene	A	20.0	20.5	2.039767	2.089524		2.4	20
o-Xylene	A	10.0	10.1	2.145645	2.159837		0.7	20
1,2-Dichloroethane-d4	A	25.0	26.9	0.664209	0.7158778		7.8	
Toluene-d8	A	25.0	25.4	1.180177	1.198613		1.6	
4-Bromofluorobenzene	A	25.0	25.1	0.9375206	0.9397883		0.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211004.D Vial: 4
Acq On : 30 Jul 2013 3:47 pm Operator:
Sample : 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 16:05:46 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	121856	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	180881	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	100884	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	94080	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.225	65	72695	26.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.76%				
43) TOLUENE-D8 SS	6.121	98	180672	25.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.56%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	79008	25.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.24%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	21752	10.897	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	28210	10.057	UG/L		99
5) CHLOROMETHANE	1.132	50	20723	8.840	UG/L		97
6) VINYL CHLORIDE	1.188	62	18499	10.200	UG/L		100
7) BROMOMETHANE	1.369	94	9974	20.874	UG/L		95
8) CHLOROETHANE	1.425	64	8766	10.624	UG/L		99
9) FLUORODICHLOROMETHANE	1.534	67	29087	10.996	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.570	101	28649	12.880	UG/L		99
11) ETHANOL	1.676	45	1541	96.534	UG/L	#	83
12) DI ETHYL ETHER	1.740	59	12914	9.467	UG/L		91
13) ACROLEIN	1.824	56	23343	85.387	UG/L	#	99
14) ACETONE	1.921	43	58811	93.967	UG/L		94
15) 1,1-DICHLOROETHENE	1.888	61	25090	11.609	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	14060	12.887	UG/L		100
17) IODOMETHANE	1.994	142	174306	100.558	UG/L		96
18) METHYL ACETATE	2.150	43	14475	8.962	UG/L		96
19) T-BUTYL ALCOHOL	2.317	59	15624	82.769	UG/L	#	93
20) ACRYLONITRILE	2.423	53	6360	7.322	UG/L		96
21) METHYLENE CHLORIDE	2.222	49	22890	11.265	UG/L		94
22) CARBON DISULFIDE	2.041	76	373957	117.119	UG/L	#	93
23) METHYL TERT-BUTYL ETHE...	2.445	73	44836	8.859	UG/L		95
24) TRANS 1,2-DICHLOROETHENE	2.440	61	22924	8.913	UG/L		98
25) 1,1-DICHLOROETHANE	2.814	63	31822	9.575	UG/L		99
26) VINYL ACETATE	2.875	43	474941	106.559	UG/L	#	91
27) DI ISOPROPYL ETHER	2.892	45	55953	9.359	UG/L		91
28) 2-BUTANONE	3.435	43	98155	85.110	UG/L		95
29) T-BUTYL ETHYL ETHER	3.265	59	51404	9.034	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.405	61	30378	9.740	UG/L		95
31) 2,2-DICHLOROPROPANE	3.399	77	24165	11.603	UG/L		98
32) ETHYL ACETATE	3.508	43	23129	8.523	UG/L		95
33) BROMOCHLOROMETHANE	3.642	128	8128	9.559	UG/L		91
34) TETRAHYDROFURAN	3.692	42	5515	8.131	UG/L	#	94
35) CHLOROFORM	3.737	83	32853	10.055	UG/L		98
36) 1,1,1-TRICHLOROETHANE	3.901	97	27983	10.708	UG/L		98
37) CYCLOHEXANE	3.954	56	30436	10.825	UG/L		98
38) CARBON TETRACHLORIDE	4.068	117	23512	10.726	UG/L		100
39) 1,1-DICHLOROPROPENE	4.071	75	24969	10.451	UG/L		98
40) BENZENE	4.278	78	68381	9.290	UG/L		98
41) T-AMYLMETHYL ETHER	4.411	73	41523	8.883	UG/L	#	90
44) 1,2-DICHLOROETHANE	4.303	62	32911	11.094	UG/L		99
45) TRICHLOROETHENE	4.925	95	17705	10.104	UG/L		100
46) METHYLCYCLOHEXANE	5.103	83	19809	11.981	UG/L		94
47) 1,2-DICHLOROPROPANE	5.142	63	17261	9.419	UG/L		94
48) DIBROMOMETHANE	5.254	93	11351	9.907	UG/L		99
49) 1,4-DIOXANE	5.301	88	1378	81.672	UG/L	#	55
50) BROMODICHLOROMETHANE	5.424	83	20619	9.311	UG/L		100
51) 2-CHLOROETHYLVINYLETHER	5.747	63	100716	99.337	UG/L		92
52) MIBK	6.040	43	212410	98.303	UG/L	#	91
53) CIS-1,3-DICHLOROPROPENE	5.870	75	24771	9.133	UG/L		96

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211004.D Vial: 4
Acq On : 30 Jul 2013 3:47 pm Operator:
Sample : 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 16:05:46 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

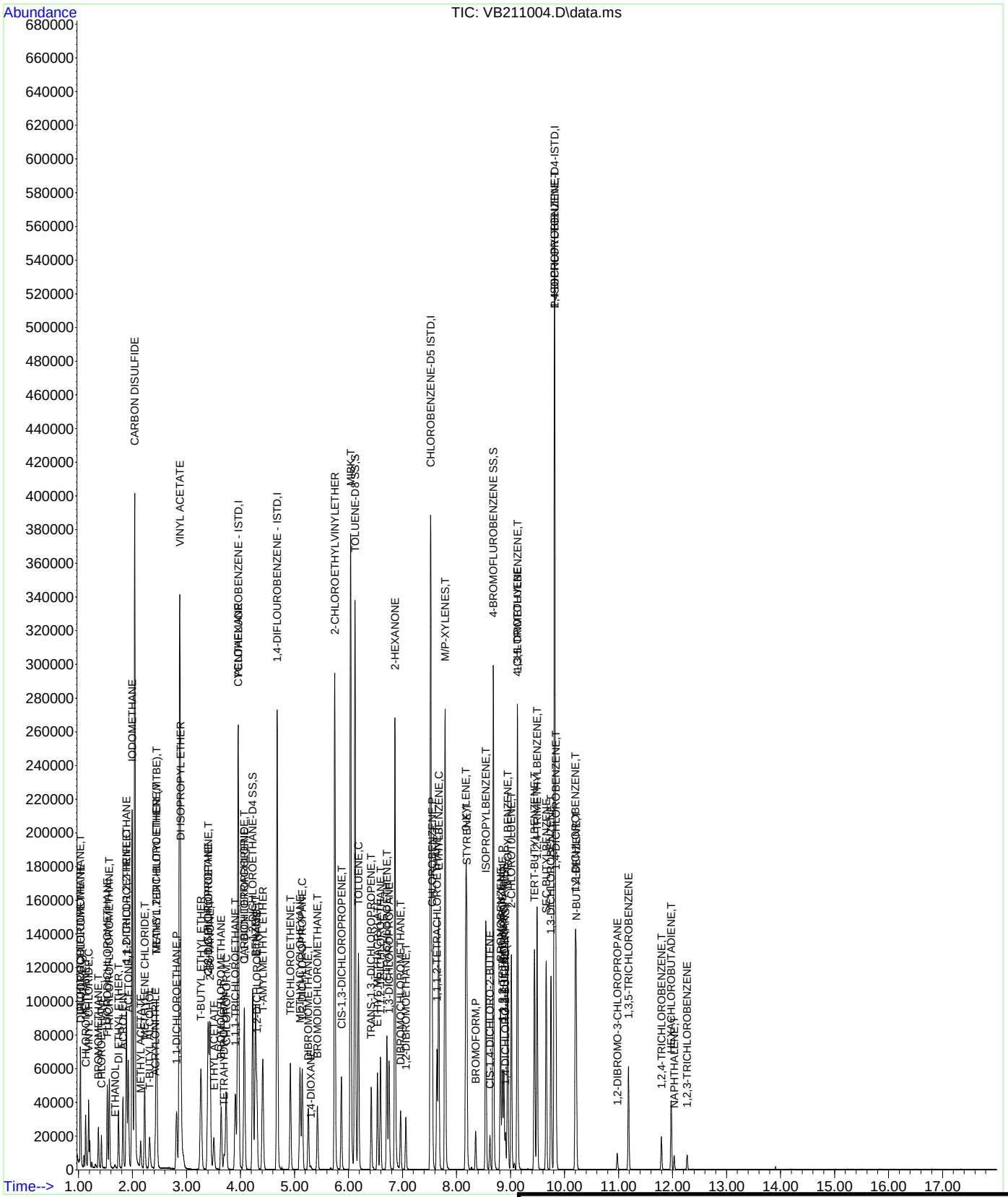
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) TOLUENE	6.185	91	74142	9.963 UG/L	97
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	20975	8.413 UG/L	95
56) ETHYL METHACRYLATE	6.534	41	18969	9.538 UG/L	93
57) 1,1,2-TRICHLOROETHANE	6.595	97	15554	9.828 UG/L	99
58) 2-HEXANONE	6.860	43	147741	96.767 UG/L #	92
59) TETRACHLOROETHENE	6.712	164	15472	11.484 UG/L	99
60) 1,3-DICHLOROPROPANE	6.748	76	29037	9.895 UG/L	96
61) DIBROMOCHLOROMETHANE	6.966	129	14853	9.250 UG/L	99
62) 1,2-DIBROMOETHANE	7.063	107	17734	10.072 UG/L	98
65) CHLOROBENZENE	7.549	112	50391	9.703 UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	15568	9.177 UG/L	98
67) ETHYLBENZENE	7.671	91	87635	9.981 UG/L	96
68) M/P-XYLENES	7.788	91	140533	20.488 UG/L	95
69) 0-XYLENE	8.173	91	72631	10.066 UG/L	96
70) STYRENE	8.190	104	54246	9.491 UG/L	97
71) BROMOFORM	8.355	173	8872	9.704 UG/L #	98
72) ISOPROPYLBENZENE	8.541	105	84322	10.170 UG/L	96
73) CIS-1,4-DICHLORO-2-BUTENE	8.617	53	4559	5.274 UG/L #	64
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	22045	9.243 UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	4574	8.016 UG/L #	71
76) BROMOBENZENE	8.815	77	35410	9.668 UG/L	97
77) 1,2,3-TRICHLOROPROPANE	8.876	110	7807	9.720 UG/L	83
78) N-PROPYLBENZENE	8.949	91	88879	9.926 UG/L	96
79) 2-CHLOROT0LUENE	9.013	91	60284	9.518 UG/L	98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	72278	10.187 UG/L	96
81) 4-CHLOROTOLUENE	9.124	91	70562	9.918 UG/L	97
83) TERT-BUTYLBENZENE	9.442	119	55869	10.145 UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	74648	10.239 UG/L	95
85) SEC-BUTYLBENZENE	9.660	105	75136	10.177 UG/L	97
86) 1,3-DICHLOROBENZENE	9.746	146	39824	9.812 UG/L	100
87) P-ISOPROPYLTOLUENE	9.813	119	63971	10.221 UG/L	99
88) 1,4-DICHLOROBENZENE	9.838	146	39438	9.686 UG/L	98
89) N-BUTYLBENZENE	10.217	91	45918	9.518 UG/L	97
90) 1,2-DICHLOROBENZENE	10.201	146	38790	9.587 UG/L	99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	2150	9.153 UG/L	89
92) 1,3,5-TRICHLOROBENZENE	11.185	180	16553	7.274 UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.793	180	5437	7.777 UG/L	99
94) HEXACHLOROBUTADIENE	11.977	225	8415	9.991 UG/L	97
95) NAPHTHALENE	12.033	128	6177	9.181 UG/L	97
96) 1,2,3-TRICHLOROBENZENE	12.270	180	2802	7.865 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211004.D Vial: 4
Acq On : 30 Jul 2013 3:47 pm Operator:
Sample : 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 16:05:46 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA2	Calibration:	1300079
Lab File ID:	VB212005.D	Calibration Date:	07/23/13 00:00
Sequence:	S004489	Injection Date:	07/31/13
Lab Sample ID:	S004489-CCV1	Injection Time:	12:44

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloroethylene	A	10.0	11.1	0.2234537	0.2481318		11.0	20
1,2-Dichloroethane-d4	A	25.0	26.1	0.664209	0.6924107		4.2	
Toluene-d8	A	25.0	25.4	1.180177	1.2		1.7	
4-Bromofluorobenzene	A	25.0	25.2	0.9375206	0.9436883		0.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212005.D Vial: 5
Acq On : 31 Jul 2013 12:44 pm Operator:
Sample : BFB / 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:29:59 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.954	168	133095	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	203142	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	111586	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	103764	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	76797	26.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.24%				
43) TOLUENE-D8 SS	6.121	98	203142	25.42	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.68%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	87752	25.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	23781	10.907	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	32442	10.589	UG/L		99
5) CHLOROMETHANE	1.129	50	26719	10.436	UG/L		98
6) VINYL CHLORIDE	1.188	62	21532	10.869	UG/L		99
7) BROMOMETHANE	1.369	94	11252	21.777	UG/L		99
8) CHLOROETHANE	1.425	64	10689	11.861	UG/L		93
9) FLUORODICHLOROMETHANE	1.533	67	33798	11.698	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.572	101	30568	12.582	UG/L		100
11) ETHANOL	1.667	45	1429	81.959	UG/L	#	86
12) DI ETHYL ETHER	1.740	59	15522	10.418	UG/L		93
13) ACROLEIN	1.821	56	31026	103.907	UG/L	#	99
14) ACETONE	1.918	43	65148	95.302	UG/L		97
15) 1,1-DICHLOROETHENE	1.888	61	27963	11.846	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	13998	11.746	UG/L		99
17) IODOMETHANE	1.991	142	214266	113.173	UG/L		96
18) METHYL ACETATE	2.150	43	16617	9.420	UG/L		94
19) T-BUTYL ALCOHOL	2.314	59	16132	78.244	UG/L	#	92
20) ACRYLONITRILE	2.417	53	7244	7.636	UG/L		97
21) METHYLENE CHLORIDE	2.225	49	32208	14.512	UG/L		93
22) CARBON DISULFIDE	2.041	76	434370	124.553	UG/L	#	93
23) METHYL TERT-BUTYL ETHE...	2.442	73	52863	9.563	UG/L		97
24) TRANS 1,2-DICHLOROETHENE	2.440	61	26976	9.602	UG/L		97
25) 1,1-DICHLOROETHANE	2.813	63	37442	10.315	UG/L		100
26) VINYL ACETATE	2.872	43	566206	116.308	UG/L	#	92
27) DI ISOPROPYL ETHER	2.891	45	70853	10.851	UG/L	#	88
28) 2-BUTANONE	3.432	43	110298	87.563	UG/L		94
29) T-BUTYL ETHYL ETHER	3.262	59	64000	10.298	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.399	61	36085	10.593	UG/L		97
31) 2,2-DICHLOROPROPANE	3.399	77	27932	12.279	UG/L		99
32) ETHYL ACETATE	3.502	43	26004	8.773	UG/L	#	94
33) BROMOCHLOROMETHANE	3.639	128	9985	10.751	UG/L		91
34) TETRAHYDROFURAN	3.692	42	6072	8.196	UG/L	#	97
35) CHLOROFORM	3.731	83	38428	10.769	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.901	97	31561	11.057	UG/L		98
37) CYCLOHEXANE	3.954	56	31416	10.230	UG/L		99
38) CARBON TETRACHLORIDE	4.068	117	25690	10.730	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	28279	10.837	UG/L		97
40) BENZENE	4.277	78	79041	9.831	UG/L		98
41) T-AMYLMETHYL ETHER	4.408	73	50957	9.981	UG/L	#	92
44) 1,2-DICHLOROETHANE	4.300	62	38501	11.557	UG/L		99
45) TRICHLOROETHENE	4.922	95	20694	10.516	UG/L		99
46) METHYLCYCLOHEXANE	5.100	83	20473	11.026	UG/L		97
47) 1,2-DICHLOROPROPANE	5.142	63	20303	9.865	UG/L		96
48) DIBROMOMETHANE	5.253	93	13524	10.510	UG/L		99
49) 1,4-DIOXANE	5.295	88	1535	81.007	UG/L	#	57
50) BROMODICHLOROMETHANE	5.424	83	25707	10.337	UG/L		99
51) 2-CHLOROETHYLVINYLETHER	5.744	63	118404	103.985	UG/L		94
52) MIBK	6.037	43	232864	95.960	UG/L	#	90
53) CIS-1,3-DICHLOROPROPENE	5.867	75	30562	10.034	UG/L		96

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212005.D Vial: 5
Acq On : 31 Jul 2013 12:44 pm Operator:
Sample : BFB / 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:29:59 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

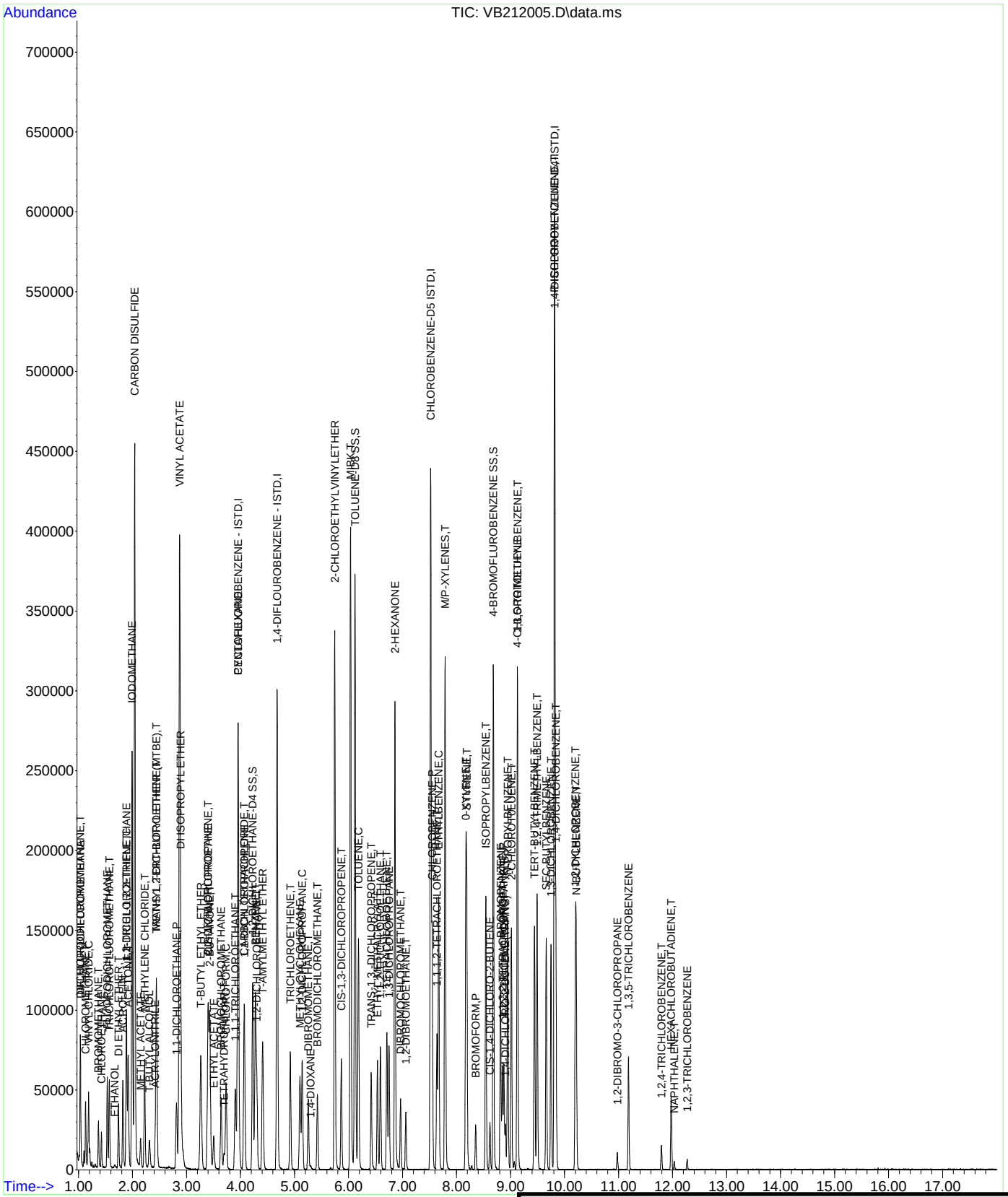
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) TOLUENE	6.185	91	85935	10.282	UG/L		99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	26118	9.328	UG/L		96
56) ETHYL METHACRYLATE	6.533	41	22104	9.896	UG/L		92
57) 1,1,2-TRICHLOROETHANE	6.592	97	18889	10.628	UG/L		99
58) 2-HEXANONE	6.860	43	161050	93.925	UG/L	#	92
59) TETRACHLOROETHENE	6.706	164	16802	11.104	UG/L		98
60) 1,3-DICHLOROPROPANE	6.748	76	35064	10.639	UG/L		95
61) DIBROMOCHLOROMETHANE	6.966	129	18334	9.967	UG/L		98
62) 1,2-DIBROMOETHANE	7.063	107	20884	10.561	UG/L		99
65) CHLOROBENZENE	7.548	112	61125	10.641	UG/L		97
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	19478	10.381	UG/L		99
67) ETHYLBENZENE	7.668	91	101015	10.401	UG/L		97
68) M/P-XYLENES	7.788	91	160879	21.205	UG/L		96
69) 0-XYLENE	8.170	91	84034	10.530	UG/L		98
70) STYRENE	8.187	104	65495	10.360	UG/L		98
71) BROMOFORM	8.352	173	10801	10.227	UG/L	#	98
72) ISOPROPYLBENZENE	8.541	105	97203	10.599	UG/L		98
73) CIS-1,4-DICHLORO-2-BUTENE	8.617	53	6260	6.547	UG/L	#	67
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	24588	9.320	UG/L		99
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	6017	8.856	UG/L	#	77
76) BROMOBENZENE	8.815	77	42032	10.376	UG/L		98
77) 1,2,3-TRICHLOROPROPANE	8.876	110	8562	9.638	UG/L		77
78) N-PROPYLBENZENE	8.948	91	102868	10.386	UG/L		96
79) 2-CHLOROT0LUENE	9.015	91	71647	10.227	UG/L		98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	84594	10.780	UG/L		97
81) 4-CHLOROTOLUENE	9.124	91	83122	10.563	UG/L		98
83) TERT-BUTYLBENZENE	9.442	119	65182	10.732	UG/L		100
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	85032	10.575	UG/L		98
85) SEC-BUTYLBENZENE	9.662	105	86604	10.636	UG/L		98
86) 1,3-DICHLOROBENZENE	9.749	146	47327	10.573	UG/L		98
87) P-ISOPROPYLTOLUENE	9.810	119	74527	10.796	UG/L		97
88) 1,4-DICHLOROBENZENE	9.838	146	46406	10.333	UG/L		98
89) N-BUTYLBENZENE	10.217	91	52071	9.787	UG/L		97
90) 1,2-DICHLOROBENZENE	10.200	146	46017	10.312	UG/L		98
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	2118	8.710	UG/L		96
92) 1,3,5-TRICHLOROBENZENE	11.185	180	18331	7.304	UG/L		96
93) 1,2,4-TRICHLOROBENZENE	11.796	180	4813	7.326	UG/L		96
94) HEXACHLOROBUTADIENE	11.977	225	9056	9.748	UG/L		98
95) NAPHTHALENE	12.033	128	4261	8.724	UG/L	#	68
96) 1,2,3-TRICHLOROBENZENE	12.272	180	2073	7.324	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212005.D Vial: 5
Acq On : 31 Jul 2013 12:44 pm Operator:
Sample : BFB / 8260 STD 10 PPB 1307209 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:29:59 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004469	Instrument:	GCMSVOA2
		Calibration:	1300078

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S004469-CCV1)			*Lab File ID: VB210003.D*			*Analyzed: 07/29/13 10:47*			
Pentafluorobenzene	135281	3.957	148780	3.957	91	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	205501	4.679	229365	4.679	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	111791	7.521	121150	7.521	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	104955	9.816	113071	9.816	93	50 - 200	0.0000	+/-0.50	
LCS (B077818-BS1)			*Lab File ID: VB210005.D*			*Analyzed: 07/29/13 11:50*			
Pentafluorobenzene	136749	3.957	135281	3.957	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	204415	4.679	205501	4.679	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	112295	7.521	111791	7.521	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	104750	9.816	104955	9.816	100	50 - 200	0.0000	+/-0.50	
LCS Dup (B077818-BSD1)			*Lab File ID: VB210006.D*			*Analyzed: 07/29/13 12:21*			
Pentafluorobenzene	138161	3.957	135281	3.957	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	208674	4.679	205501	4.679	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	113002	7.521	111791	7.521	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	105309	9.816	104955	9.816	100	50 - 200	0.0000	+/-0.50	
Blank (B077818-BLK1)			*Lab File ID: VB210008.D*			*Analyzed: 07/29/13 13:24*			
Pentafluorobenzene	135153	3.957	135281	3.957	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	206762	4.679	205501	4.679	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	109742	7.521	111791	7.521	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	90015	9.816	104955	9.816	86	50 - 200	0.0000	+/-0.50	
TB-01-07-23-13 (13G0937-02)			*Lab File ID: VB210011.D*			*Analyzed: 07/29/13 14:57*			
Pentafluorobenzene	135754	3.957	135281	3.957	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	206828	4.679	205501	4.679	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	111478	7.523	111791	7.521	100	50 - 200	0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	91479	9.816	104955	9.816	87	50 - 200	0.0000	+/-0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004469	Instrument:	GCMSVOA2
		Calibration:	1300078

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FB-01-7-23-13 (13G0937-05)			*Lab File ID: VB210012.D*			*Analyzed: 07/29/13 15:28*			
Pentafluorobenzene	131389	3.959	135281	3.957	97	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	202480	4.679	205501	4.679	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	108261	7.523	111791	7.521	97	50 - 200	0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	87398	9.816	104955	9.816	83	50 - 200	0.0000	+/-0.50	
FB-02-7-23-13 (13G0937-06)			*Lab File ID: VB210013.D*			*Analyzed: 07/29/13 15:59*			
Pentafluorobenzene	133030	3.957	135281	3.957	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	199057	4.679	205501	4.679	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	107391	7.521	111791	7.521	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	89383	9.816	104955	9.816	85	50 - 200	0.0000	+/-0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004488	Instrument:	GCMSVOA2
		Calibration:	1300079

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S004488-CCV1)			*Lab File ID: VB211004.D*			*Analyzed: 07/30/13 15:47*			
Pentafluorobenzene	121856	3.957	148780	3.957	82	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	180881	4.679	229365	4.679	79	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	100884	7.521	121150	7.521	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	94080	9.816	113071	9.816	83	50 - 200	0.0000	+/-0.50	
LCS (B077701-BS1)			*Lab File ID: VB211005.D*			*Analyzed: 07/30/13 16:26*			
Pentafluorobenzene	121831	3.954	121856	3.957	100	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	181781	4.679	180881	4.679	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	99874	7.521	100884	7.521	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	93861	9.816	94080	9.816	100	50 - 200	0.0000	+/-0.50	
LCS Dup (B077701-BSD1)			*Lab File ID: VB211008.D*			*Analyzed: 07/30/13 18:04*			
Pentafluorobenzene	117713	3.957	121856	3.957	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	178824	4.679	180881	4.679	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	97989	7.52	100884	7.521	97	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	91414	9.815	94080	9.816	97	50 - 200	-0.0010	+/-0.50	
Blank (B077701-BLK1)			*Lab File ID: VB211011.D*			*Analyzed: 07/30/13 19:37*			
Pentafluorobenzene	113312	3.954	121856	3.957	93	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	169853	4.679	180881	4.679	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	94502	7.521	100884	7.521	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	81590	9.816	94080	9.816	87	50 - 200	0.0000	+/-0.50	
MW-06-7-23-13 (13G0937-01)			*Lab File ID: VB211020.D*			*Analyzed: 07/31/13 00:15*			
Pentafluorobenzene	112681	3.954	121856	3.957	92	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	169459	4.676	180881	4.679	94	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	92935	7.518	100884	7.521	92	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	73505	9.816	94080	9.816	78	50 - 200	0.0000	+/-0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004488	Instrument:	GCMSVOA2
		Calibration:	1300079

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
B-55-07-23-13 (13G0937-03)			*Lab File ID: VB211021.D*			*Analyzed: 07/31/13 00:46*			
Pentafluorobenzene	111674	3.957	121856	3.957	92	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	167704	4.676	180881	4.679	93	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	92770	7.518	100884	7.521	92	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	73301	9.816	94080	9.816	78	50 - 200	0.0000	+/-0.50	
FD-01-7-23-13 (13G0937-04)			*Lab File ID: VB211022.D*			*Analyzed: 07/31/13 01:16*			
Pentafluorobenzene	111277	3.957	121856	3.957	91	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	166938	4.679	180881	4.679	92	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	91797	7.521	100884	7.521	91	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	70099	9.816	94080	9.816	75	50 - 200	0.0000	+/-0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004489	Instrument:	GCMSVOA2
		Calibration:	1300079

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S004489-CCV1)			*Lab File ID: VB212005.D*			*Analyzed: 07/31/13 12:44*			
Pentafluorobenzene	133095	3.954	148780	3.957	89	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	203142	4.679	229365	4.679	89	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	111586	7.521	121150	7.521	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	103764	9.816	113071	9.816	92	50 - 200	0.0000	+/-0.50	
LCS (B077786-BS1)			*Lab File ID: VB212007.D*			*Analyzed: 07/31/13 13:54*			
Pentafluorobenzene	143417	3.96	133095	3.954	108	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	217387	4.68	203142	4.679	107	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	119156	7.52	111586	7.521	107	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	110766	9.82	103764	9.816	107	50 - 200	0.0040	+/-0.50	
LCS Dup (B077786-BSD1)			*Lab File ID: VB212008.D*			*Analyzed: 07/31/13 14:35*			
Pentafluorobenzene	145771	3.96	133095	3.954	110	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	221703	4.68	203142	4.679	109	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	119289	7.52	111586	7.521	107	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	111419	9.82	103764	9.816	107	50 - 200	0.0040	+/-0.50	
Blank (B077786-BLK1)			*Lab File ID: VB212010.D*			*Analyzed: 07/31/13 15:36*			
Pentafluorobenzene	139683	3.96	133095	3.954	105	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	212721	4.68	203142	4.679	105	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	114704	7.52	111586	7.521	103	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	90889	9.82	103764	9.816	88	50 - 200	0.0040	+/-0.50	
B-55-07-23-13 (13G0937-03RE1)			*Lab File ID: VB212020.D*			*Analyzed: 07/31/13 20:44*			
Pentafluorobenzene	134624	3.96	133095	3.954	101	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	208774	4.68	203142	4.679	103	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	114346	7.52	111586	7.521	102	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	87229	9.82	103764	9.816	84	50 - 200	0.0040	+/-0.50	

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOLATILES QC DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BLK1	File ID:	VB211011.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 19:37
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.027	2.5	
107-13-1	Acrylonitrile		0.026	0.25	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.0055	0.025	
71-43-2	Benzene		0.0025	0.050	
108-86-1	Bromobenzene		0.0050	0.050	
74-97-5	Bromochloromethane		0.0050	0.050	
75-27-4	Bromodichloromethane		0.0040	0.050	
75-25-2	Bromoform		0.012	0.050	
74-83-9	Bromomethane		0.019	0.10	
78-93-3	2-Butanone (MEK)		0.020	1.0	
75-65-0	tert-Butyl Alcohol (TBA)		0.18	1.0	V-16
104-51-8	n-Butylbenzene		0.0025	0.050	
135-98-8	sec-Butylbenzene		0.0025	0.050	
98-06-6	tert-Butylbenzene		0.0025	0.050	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.0035	0.025	
75-15-0	Carbon Disulfide		0.0025	0.25	
56-23-5	Carbon Tetrachloride		0.0045	0.050	
108-90-7	Chlorobenzene		0.0025	0.050	
124-48-1	Chlorodibromomethane		0.0060	0.025	
75-00-3	Chloroethane		0.016	0.10	
67-66-3	Chloroform		0.0020	0.10	
74-87-3	Chloromethane		0.0065	0.10	
95-49-8	2-Chlorotoluene		0.0025	0.050	
106-43-4	4-Chlorotoluene		0.0025	0.050	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.024	0.25	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BLK1	File ID:	VB211011.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 19:37
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Column:	1				

Instrument: GCMSVOA2

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0070	0.025	
74-95-3	Dibromomethane		0.0040	0.050	
95-50-1	1,2-Dichlorobenzene		0.0030	0.050	
541-73-1	1,3-Dichlorobenzene		0.0030	0.050	
106-46-7	1,4-Dichlorobenzene		0.0055	0.050	
110-57-6	trans-1,4-Dichloro-2-butene		0.038	0.10	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0020	0.10	
75-34-3	1,1-Dichloroethane		0.0045	0.050	
107-06-2	1,2-Dichloroethane		0.0045	0.050	
75-35-4	1,1-Dichloroethylene		0.0050	0.050	
156-59-2	cis-1,2-Dichloroethylene		0.0025	0.050	
156-60-5	trans-1,2-Dichloroethylene		0.0035	0.050	
78-87-5	1,2-Dichloropropane		0.010	0.050	
142-28-9	1,3-Dichloropropane		0.0040	0.025	
594-20-7	2,2-Dichloropropane		0.0065	0.050	
563-58-6	1,1-Dichloropropene		0.0050	0.10	
10061-01-5	cis-1,3-Dichloropropene		0.0035	0.050	
10061-02-6	trans-1,3-Dichloropropene		0.0060	0.25	
60-29-7	Diethyl Ether		0.0050	0.10	
108-20-3	Diisopropyl Ether (DIPE)		0.0015	0.025	
123-91-1	1,4-Dioxane		0.18	2.5	R-05, V-16
100-41-4	Ethylbenzene		0.0025	0.050	
87-68-3	Hexachlorobutadiene		0.013	0.050	
591-78-6	2-Hexanone (MBK)		0.033	0.50	
98-82-8	Isopropylbenzene (Cumene)		0.0030	0.050	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.0030	0.050	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BLK1	File ID:	VB211011.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 19:37
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0025	0.050	
75-09-2	Methylene Chloride		0.11	0.50	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.011	0.50	
91-20-3	Naphthalene		0.010	0.10	
103-65-1	n-Propylbenzene		0.0020	0.050	
100-42-5	Styrene		0.0030	0.050	
630-20-6	1,1,1,2-Tetrachloroethane		0.0040	0.050	
79-34-5	1,1,2,2-Tetrachloroethane		0.0090	0.025	
127-18-4	Tetrachloroethylene		0.0070	0.050	
109-99-9	Tetrahydrofuran		0.050	0.50	
108-88-3	Toluene		0.0020	0.050	
87-61-6	1,2,3-Trichlorobenzene		0.011	0.25	V-05
120-82-1	1,2,4-Trichlorobenzene		0.0055	0.050	V-05
108-70-3	1,3,5-Trichlorobenzene		0.020	0.25	V-05
71-55-6	1,1,1-Trichloroethane		0.0025	0.050	
79-00-5	1,1,2-Trichloroethane		0.0040	0.050	
79-01-6	Trichloroethylene		0.0060	0.050	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0035	0.10	
96-18-4	1,2,3-Trichloropropane		0.010	0.10	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.0055	0.050	
95-63-6	1,2,4-Trimethylbenzene		0.0030	0.050	
108-67-8	1,3,5-Trimethylbenzene		0.0030	0.050	
75-01-4	Vinyl Chloride		0.0080	0.10	
108383/106423	m+p Xylene		0.0035	0.10	
95-47-6	o-Xylene		0.0025	0.050	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211011.D Vial: 11
Acq On : 30 Jul 2013 7:37 pm Operator:
Sample : B0-BLK2 @50X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 50 Multiplr: 1.00
Quant Time: Aug 01 14:51:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

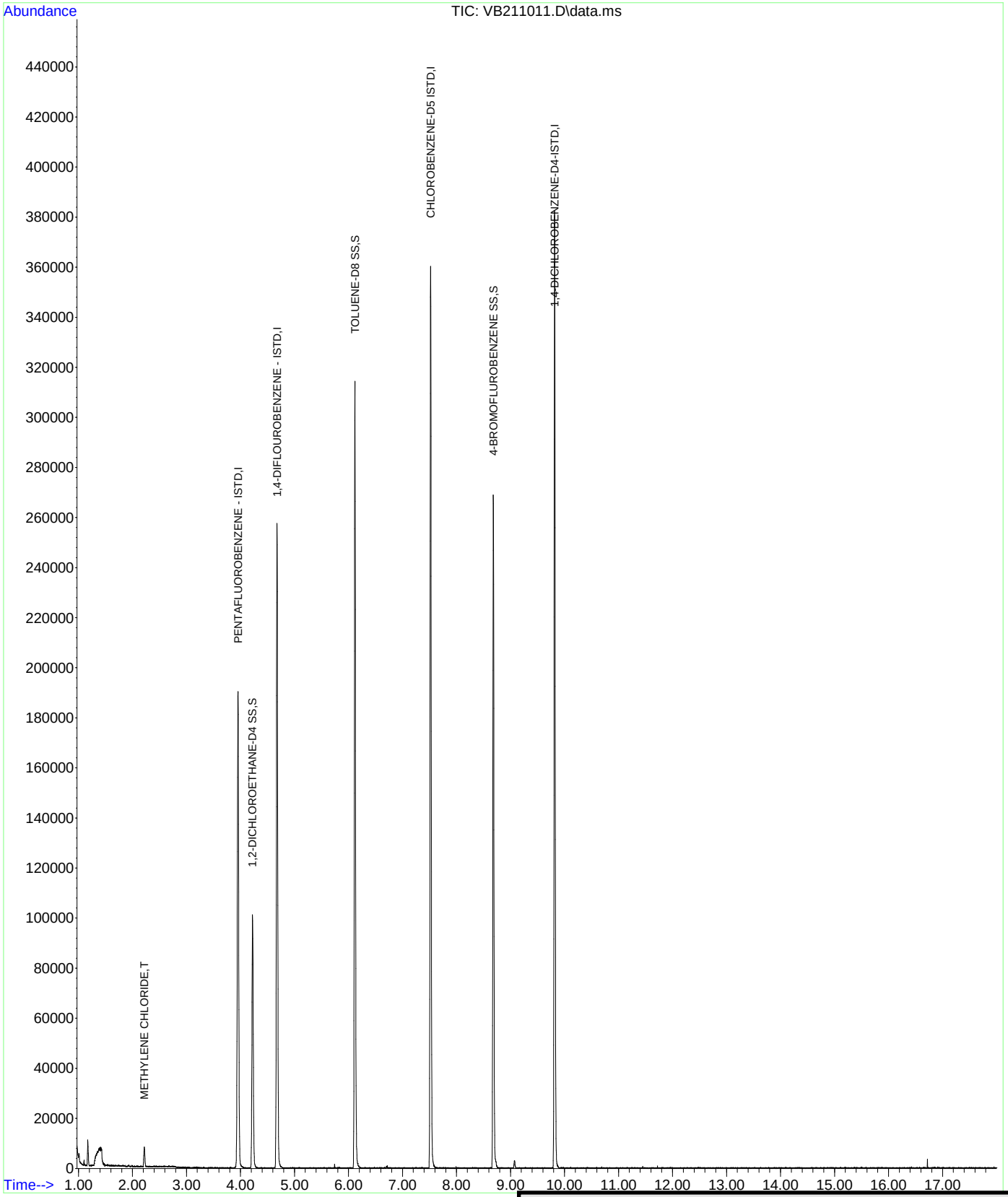
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.954	168	113312	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	169853	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	94502	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	81590	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.222	65	68107	27.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.60%			
43) TOLUENE-D8 SS	6.118	98	167537	25.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%			
64) 4-BROMOFLUROBENZENE SS	8.684	95	73331	24.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%			
Target Compounds						Qvalue
21) METHYLENE CHLORIDE	2.217	49	3640	1.926	UG/L	95

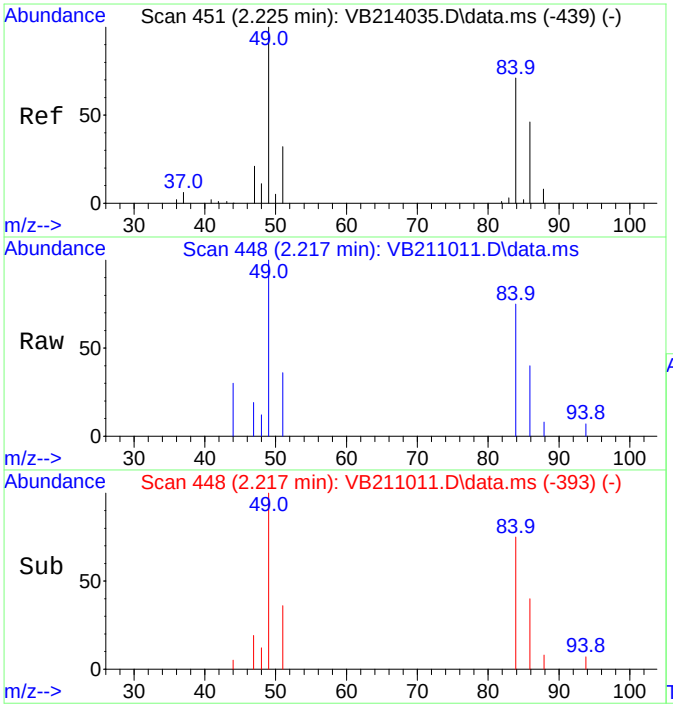
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211011.D Vial: 11
Acq On : 30 Jul 2013 7:37 pm Operator:
Sample : B0-BLK2 @50X (MEOH) Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : 50 Multiplr: 1.00
Quant Time: Aug 01 14:51:57 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

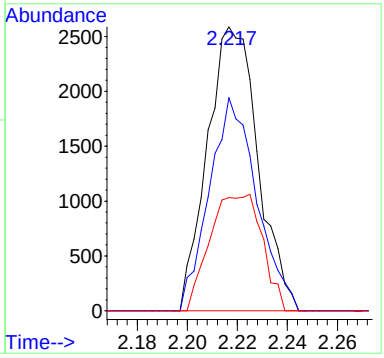




#21
METHYLENE CHLORIDE
Concen: 1.93 UG/L
RT: 2.217 min Scan# 448
Delta R.T. -0.005 min
Lab File: VB211011.D
Acq: 30 Jul 2013 7:37 pm

Tgt Ion: 49 Resp: 3640

Ion	Ratio	Lower	Upper
49	100		
84	70.3	58.6	88.0
86	42.2	37.9	56.9



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BS1	File ID:	VB211005.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 16:26
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.120	0.00061	0.057	
107-13-1	Acrylonitrile	0.0119	0.00058	0.0057	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0126	0.00012	0.00057	
71-43-2	Benzene	0.0115	0.000057	0.0011	
108-86-1	Bromobenzene	0.0122	0.00011	0.0011	
74-97-5	Bromochloromethane	0.0133	0.00011	0.0011	
75-27-4	Bromodichloromethane	0.0126	0.000091	0.0011	
75-25-2	Bromoform	0.0119	0.00028	0.0011	
74-83-9	Bromomethane	0.0156	0.00043	0.0023	L-02, V-20
78-93-3	2-Butanone (MEK)	0.106	0.00046	0.023	
75-65-0	tert-Butyl Alcohol (TBA)	0.0946	0.0040	0.023	V-16
104-51-8	n-Butylbenzene	0.0118	0.000057	0.0011	
135-98-8	sec-Butylbenzene	0.0123	0.000057	0.0011	
98-06-6	tert-Butylbenzene	0.0124	0.000057	0.0011	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0130	0.000079	0.00057	
75-15-0	Carbon Disulfide	0.0129	0.000057	0.0057	
56-23-5	Carbon Tetrachloride	0.0133	0.00010	0.0011	
108-90-7	Chlorobenzene	0.0127	0.000057	0.0011	
124-48-1	Chlorodibromomethane	0.0115	0.00014	0.00057	
75-00-3	Chloroethane	0.0135	0.00037	0.0023	
67-66-3	Chloroform	0.0133	0.000045	0.0023	
74-87-3	Chloromethane	0.00913	0.00015	0.0023	
95-49-8	2-Chlorotoluene	0.0121	0.000057	0.0011	
106-43-4	4-Chlorotoluene	0.0128	0.000057	0.0011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0113	0.00054	0.0057	
106-93-4	1,2-Dibromoethane (EDB)	0.0120	0.00016	0.00057	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BS1	File ID:	VB211005.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 16:26
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0130	0.000091	0.0011	
95-50-1	1,2-Dichlorobenzene	0.0125	0.000068	0.0011	
541-73-1	1,3-Dichlorobenzene	0.0125	0.000068	0.0011	
106-46-7	1,4-Dichlorobenzene	0.0129	0.00012	0.0011	
110-57-6	trans-1,4-Dichloro-2-butene	0.00954	0.00087	0.0023	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00866	0.000045	0.0023	
75-34-3	1,1-Dichloroethane	0.0125	0.00010	0.0011	
107-06-2	1,2-Dichloroethane	0.0144	0.00010	0.0011	
75-35-4	1,1-Dichloroethylene	0.0141	0.00011	0.0011	
156-59-2	cis-1,2-Dichloroethylene	0.0128	0.000057	0.0011	
156-60-5	trans-1,2-Dichloroethylene	0.0136	0.000079	0.0011	
78-87-5	1,2-Dichloropropane	0.0120	0.00023	0.0011	
142-28-9	1,3-Dichloropropane	0.0129	0.000091	0.00057	
594-20-7	2,2-Dichloropropane	0.0145	0.00015	0.0011	
563-58-6	1,1-Dichloropropene	0.0134	0.00011	0.0023	
10061-01-5	cis-1,3-Dichloropropene	0.0115	0.000079	0.0011	
10061-02-6	trans-1,3-Dichloropropene	0.0118	0.00014	0.0057	
60-29-7	Diethyl Ether	0.0118	0.00011	0.0023	
108-20-3	Diisopropyl Ether (DIPE)	0.0137	0.000034	0.00057	
123-91-1	1,4-Dioxane	0.0936	0.0040	0.057	R-05, V-16
100-41-4	Ethylbenzene	0.0124	0.000057	0.0011	
87-68-3	Hexachlorobutadiene	0.0134	0.00029	0.0011	
591-78-6	2-Hexanone (MBK)	0.117	0.00075	0.011	
98-82-8	Isopropylbenzene (Cumene)	0.0126	0.000068	0.0011	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0126	0.000068	0.0011	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0130	0.000057	0.0011	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BS1	File ID:	VB211005.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 16:26
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0137	0.0025	0.011	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.118	0.00025	0.011	
91-20-3	Naphthalene	0.0110	0.00024	0.0023	
103-65-1	n-Propylbenzene	0.0126	0.000045	0.0011	
100-42-5	Styrene	0.0124	0.000068	0.0011	
630-20-6	1,1,1,2-Tetrachloroethane	0.0126	0.000091	0.0011	
79-34-5	1,1,2,2-Tetrachloroethane	0.0117	0.00020	0.00057	
127-18-4	Tetrachloroethylene	0.0142	0.00016	0.0011	
109-99-9	Tetrahydrofuran	0.0110	0.0011	0.011	
108-88-3	Toluene	0.0122	0.000045	0.0011	
87-61-6	1,2,3-Trichlorobenzene	0.00986	0.00025	0.0057	V-05
120-82-1	1,2,4-Trichlorobenzene	0.00991	0.00012	0.0011	V-05
108-70-3	1,3,5-Trichlorobenzene	0.0104	0.00045	0.0057	V-05
71-55-6	1,1,1-Trichloroethane	0.0135	0.000057	0.0011	
79-00-5	1,1,2-Trichloroethane	0.0125	0.000091	0.0011	
79-01-6	Trichloroethylene	0.0123	0.00014	0.0011	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0153	0.000079	0.0023	L-02, V-20
96-18-4	1,2,3-Trichloropropane	0.0126	0.00024	0.0023	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0146	0.00012	0.0011	V-20
95-63-6	1,2,4-Trimethylbenzene	0.0127	0.000068	0.0011	
108-67-8	1,3,5-Trimethylbenzene	0.0128	0.000068	0.0011	
75-01-4	Vinyl Chloride	0.0100	0.00018	0.0023	
108383/106423	m+p Xylene	0.0255	0.000079	0.0023	
95-47-6	o-Xylene	0.0126	0.000057	0.0011	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211005.D Vial: 5
Acq On : 30 Jul 2013 4:26 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 16:55:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 15:33:46 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.954	168	121831	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	181781	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	99874	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	93861	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	72237	26.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%				
43) TOLUENE-D8 SS	6.121	98	179386	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	78041	25.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	15242	7.637	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.040	51	24473	8.726	UG/L		98
5) CHLOROMETHANE	1.132	50	18894	8.062	UG/L		98
6) VINYL CHLORIDE	1.188	62	16045	8.848	UG/L		98
7) BROMOMETHANE	1.369	94	7383	13.740	UG/L		88
8) CHLOROETHANE	1.425	64	9829	11.915	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	31717	11.992	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	29960	13.472	UG/L		98
11) ETHANOL	1.673	45	428	26.817	UG/L	#	44
12) DI ETHYL ETHER	1.740	59	14222	10.428	UG/L		92
13) ACROLEIN	1.823	56	21125	77.289	UG/L	#	100
14) ACETONE	1.924	43	66124	105.673	UG/L		96
15) 1,1-DICHLOROETHENE	1.887	61	26884	12.442	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	14078	12.906	UG/L		93
17) IODOMETHANE	1.993	142	26011	15.009	UG/L		96
18) METHYL ACETATE	2.150	43	14993	9.285	UG/L		98
19) T-BUTYL ALCOHOL	2.320	59	15746	83.433	UG/L	#	92
20) ACRYLONITRILE	2.420	53	9111	10.491	UG/L		99
21) METHYLENE CHLORIDE	2.222	49	24605	12.111	UG/L		95
22) CARBON DISULFIDE	2.041	76	36337	11.383	UG/L	#	93
23) METHYL TERT-BUTYL ETHE...	2.445	73	62044	12.262	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.440	61	30784	11.971	UG/L		97
25) 1,1-DICHLOROETHANE	2.816	63	36732	11.055	UG/L		99
26) VINYL ACETATE	2.875	43	503770	113.050	UG/L	#	91
27) DI ISOPROPYL ETHER	2.891	45	72267	12.091	UG/L	#	89
28) 2-BUTANONE	3.432	43	107688	93.395	UG/L		95
29) T-BUTYL ETHYL ETHER	3.265	59	65434	11.503	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	35106	11.258	UG/L		96
31) 2,2-DICHLOROPROPANE	3.399	77	26693	12.819	UG/L		99
32) ETHYL ACETATE	3.505	43	23492	8.658	UG/L		95
33) BROMOCHLOROMETHANE	3.644	128	10007	11.771	UG/L		96
34) TETRAHYDROFURAN	3.700	42	6564	9.680	UG/L	#	99
35) CHLOROFORM	3.731	83	38381	11.750	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.906	97	31194	11.939	UG/L		97
37) CYCLOHEXANE	3.954	56	32452	11.544	UG/L		98
38) CARBON TETRACHLORIDE	4.065	117	25636	11.697	UG/L		100
39) 1,1-DICHLOROPROPENE	4.074	75	28316	11.855	UG/L		98
40) BENZENE	4.275	78	74690	10.149	UG/L		97
41) T-AMYLMETHYL ETHER	4.411	73	51928	11.112	UG/L	#	91
44) 1,2-DICHLOROETHANE	4.302	62	38007	12.749	UG/L		98
45) TRICHLOROETHENE	4.921	95	19034	10.809	UG/L		99
46) METHYLCYCLOHEXANE	5.103	83	21720	13.072	UG/L		97
47) 1,2-DICHLOROPROPANE	5.145	63	19559	10.620	UG/L		96
48) DIBROMOMETHANE	5.256	93	13156	11.426	UG/L		99
49) 1,4-DIOXANE	5.298	88	1401	82.624	UG/L	#	84
50) BROMODICHLOROMETHANE	5.423	83	24797	11.142	UG/L		99
52) MIBK	6.037	43	226473	104.293	UG/L	#	91
53) CIS-1,3-DICHLOROPROPENE	5.867	75	27662	10.149	UG/L		95
54) TOLUENE	6.185	91	80702	10.790	UG/L		97

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211005.D Vial: 5
Acq On : 30 Jul 2013 4:26 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 16:55:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 15:33:46 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

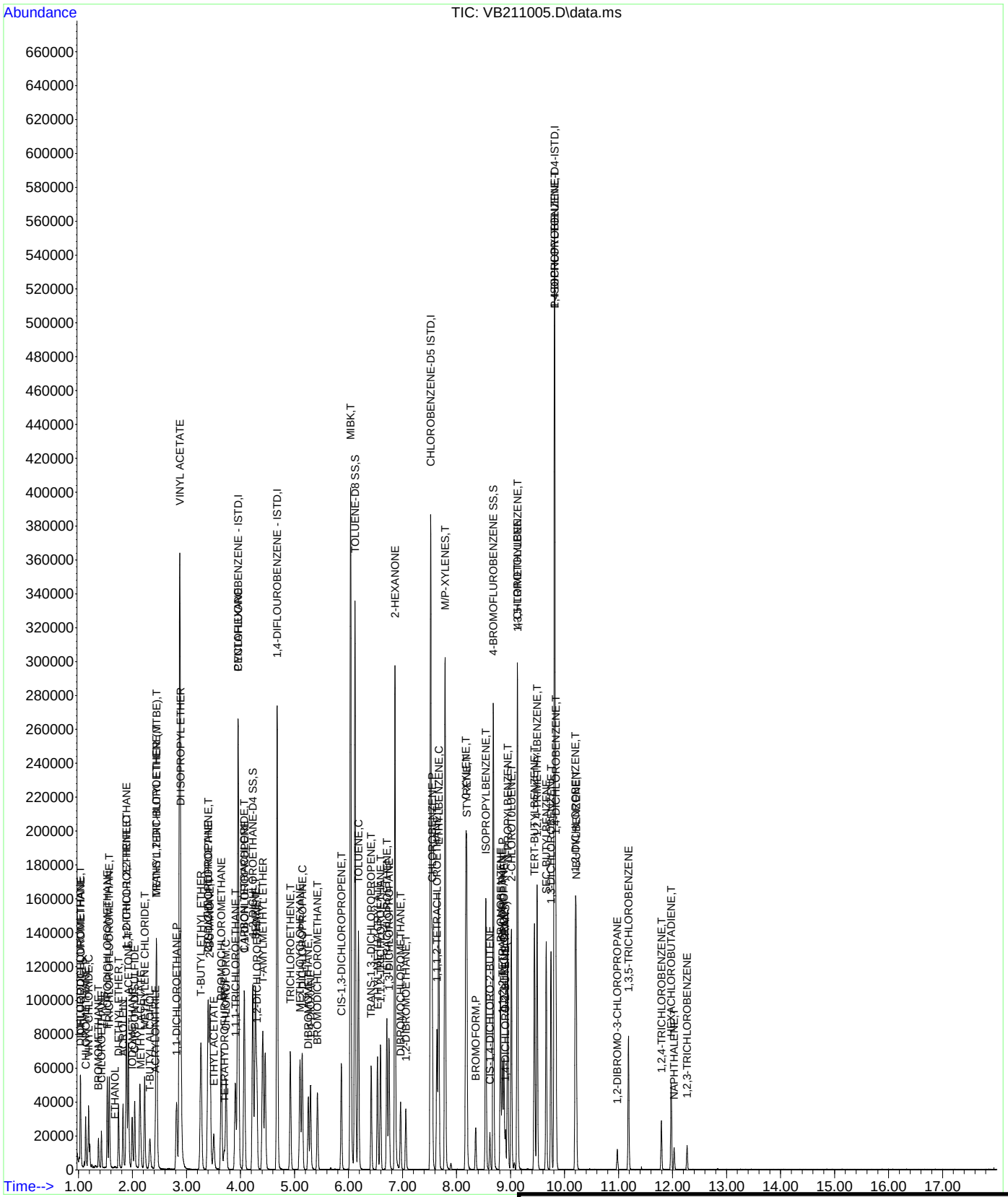
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55)	TRANS-1,3,-DICHLOROPRO...	6.419	75	26055	10.399	UG/L		99
56)	ETHYL METHACRYLATE	6.536	41	21455	10.735	UG/L		94
57)	1,1,2-TRICHLOROETHANE	6.595	97	17564	11.043	UG/L		99
58)	2-HEXANONE	6.860	43	158133	103.060	UG/L	#	92
59)	TETRACHLOROETHENE	6.712	164	16945	12.515	UG/L		99
60)	1,3-DICHLOROPROPANE	6.748	76	33510	11.363	UG/L		97
61)	DIBROMOCHLOROMETHANE	6.966	129	16713	10.115	UG/L		100
62)	1,2-DIBROMOETHANE	7.060	107	20359	11.505	UG/L	#	100
65)	CHLOROBENZENE	7.548	112	57467	11.178	UG/L		98
66)	1,1,1,2-TETRACHLOROETHANE	7.635	131	18635	11.096	UG/L		99
67)	ETHYLBENZENE	7.671	91	95174	10.949	UG/L		95
68)	M/P-XYLENES	7.788	91	152499	22.457	UG/L		95
69)	0-XYLENE	8.173	91	79621	11.146	UG/L		96
70)	STYRENE	8.190	104	61783	10.919	UG/L		98
71)	BROMOFORM	8.354	173	10154	10.514	UG/L		98
72)	ISOPROPYLBENZENE	8.544	105	91207	11.111	UG/L		97
73)	CIS-1,4-DICHLORO-2-BUTENE	8.616	53	4746	5.546	UG/L	#	65
74)	1,1,2,2-TETRACHLOROETHANE	8.848	83	24415	10.340	UG/L		100
75)	1,4-DICHLORO-2-BUTENE(...	8.906	53	4945	8.424	UG/L	#	77
76)	BROMOBENZENE	8.814	77	39036	10.766	UG/L		98
77)	1,2,3-TRICHLOROPROPANE	8.876	110	8851	11.131	UG/L		86
78)	N-PROPYLBENZENE	8.948	91	98359	11.095	UG/L		97
79)	2-CHLOROT0LUENE	9.015	91	67187	10.715	UG/L		96
80)	1,3,5-TRIMETHYLBENZENE	9.130	105	79069	11.257	UG/L		96
81)	4-CHLOROTOLUENE	9.124	91	79443	11.279	UG/L		97
83)	TERT-BUTYLBENZENE	9.442	119	60075	10.934	UG/L		98
84)	1,2,4-TRIMETHYLBENZENE	9.492	105	81312	11.179	UG/L		96
85)	SEC-BUTYLBENZENE	9.659	105	79985	10.859	UG/L		97
86)	1,3-DICHLOROBENZENE	9.749	146	44504	10.991	UG/L		100
87)	P-ISOPROPYLTOLUENE	9.813	119	69593	11.145	UG/L		99
88)	1,4-DICHLOROBENZENE	9.838	146	46282	11.393	UG/L		98
89)	N-BUTYLBENZENE	10.214	91	50062	10.402	UG/L		98
90)	1,2-DICHLOROBENZENE	10.200	146	44419	11.004	UG/L		98
91)	1,2-DIBROMO-3-CHLOROPR...	10.973	75	2563	9.961	UG/L		92
92)	1,3,5-TRICHLOROBENZENE	11.182	180	20816	9.169	UG/L		100
93)	1,2,4-TRICHLOROBENZENE	11.793	180	7705	8.737	UG/L		99
94)	HEXACHLOROBUTADIENE	11.977	225	9966	11.860	UG/L		98
95)	NAPHTHALENE	12.027	128	9010	9.746	UG/L		97
96)	1,2,3-TRICHLOROBENZENE	12.267	180	4223	8.704	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211005.D Vial: 5
Acq On : 30 Jul 2013 4:26 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 16:55:03 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 15:33:46 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BSD1	File ID:	VB211008.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 18:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.113	0.00061	0.057	
107-13-1	Acrylonitrile	0.00958	0.00058	0.0057	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0120	0.00012	0.00057	
71-43-2	Benzene	0.0109	0.000057	0.0011	
108-86-1	Bromobenzene	0.0112	0.00011	0.0011	
74-97-5	Bromochloromethane	0.0125	0.00011	0.0011	
75-27-4	Bromodichloromethane	0.0115	0.000091	0.0011	
75-25-2	Bromoform	0.0115	0.00028	0.0011	
74-83-9	Bromomethane	0.0183	0.00043	0.0023	L-02, V-20
78-93-3	2-Butanone (MEK)	0.100	0.00046	0.023	
75-65-0	tert-Butyl Alcohol (TBA)	0.0884	0.0040	0.023	V-16
104-51-8	n-Butylbenzene	0.0107	0.000057	0.0011	
135-98-8	sec-Butylbenzene	0.0116	0.000057	0.0011	
98-06-6	tert-Butylbenzene	0.0117	0.000057	0.0011	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0125	0.000079	0.00057	
75-15-0	Carbon Disulfide	0.0123	0.000057	0.0057	
56-23-5	Carbon Tetrachloride	0.0130	0.00010	0.0011	
108-90-7	Chlorobenzene	0.0115	0.000057	0.0011	
124-48-1	Chlorodibromomethane	0.0110	0.00014	0.00057	
75-00-3	Chloroethane	0.0139	0.00037	0.0023	
67-66-3	Chloroform	0.0126	0.000045	0.0023	
74-87-3	Chloromethane	0.00881	0.00015	0.0023	
95-49-8	2-Chlorotoluene	0.0113	0.000057	0.0011	
106-43-4	4-Chlorotoluene	0.0117	0.000057	0.0011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0108	0.00054	0.0057	
106-93-4	1,2-Dibromoethane (EDB)	0.0124	0.00016	0.00057	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BSD1	File ID:	VB211008.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 18:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0123	0.000091	0.0011	
95-50-1	1,2-Dichlorobenzene	0.0114	0.000068	0.0011	
541-73-1	1,3-Dichlorobenzene	0.0117	0.000068	0.0011	
106-46-7	1,4-Dichlorobenzene	0.0117	0.00012	0.0011	
110-57-6	trans-1,4-Dichloro-2-butene	0.00912	0.00087	0.0023	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00893	0.000045	0.0023	
75-34-3	1,1-Dichloroethane	0.0120	0.00010	0.0011	
107-06-2	1,2-Dichloroethane	0.0137	0.00010	0.0011	
75-35-4	1,1-Dichloroethylene	0.0145	0.00011	0.0011	
156-59-2	cis-1,2-Dichloroethylene	0.0118	0.000057	0.0011	
156-60-5	trans-1,2-Dichloroethylene	0.0112	0.000079	0.0011	
78-87-5	1,2-Dichloropropane	0.0116	0.00023	0.0011	
142-28-9	1,3-Dichloropropane	0.0121	0.000091	0.00057	
594-20-7	2,2-Dichloropropane	0.0124	0.00015	0.0011	
563-58-6	1,1-Dichloropropene	0.0131	0.00011	0.0023	
10061-01-5	cis-1,3-Dichloropropene	0.0106	0.000079	0.0011	
10061-02-6	trans-1,3-Dichloropropene	0.0105	0.00014	0.0057	
60-29-7	Diethyl Ether	0.0119	0.00011	0.0023	
108-20-3	Diisopropyl Ether (DIPE)	0.0128	0.000034	0.00057	
123-91-1	1,4-Dioxane	0.0516	0.0040	0.057	R-05, V-16
100-41-4	Ethylbenzene	0.0114	0.000057	0.0011	
87-68-3	Hexachlorobutadiene	0.0113	0.00029	0.0011	
591-78-6	2-Hexanone (MBK)	0.111	0.00075	0.011	
98-82-8	Isopropylbenzene (Cumene)	0.0117	0.000068	0.0011	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0118	0.000068	0.0011	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0123	0.000057	0.0011	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077701-BSD1	File ID:	VB211008.D
Sampled:		Prepared:	07/30/13 06:10	Analyzed:	07/30/13 18:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077701	Sequence:	S004488	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0137	0.0025	0.011	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.116	0.00025	0.011	
91-20-3	Naphthalene	0.0104	0.00024	0.0023	
103-65-1	n-Propylbenzene	0.0117	0.000045	0.0011	
100-42-5	Styrene	0.0113	0.000068	0.0011	
630-20-6	1,1,1,2-Tetrachloroethane	0.0117	0.000091	0.0011	
79-34-5	1,1,2,2-Tetrachloroethane	0.0112	0.00020	0.00057	
127-18-4	Tetrachloroethylene	0.0130	0.00016	0.0011	
109-99-9	Tetrahydrofuran	0.0106	0.0011	0.011	
108-88-3	Toluene	0.0113	0.000045	0.0011	
87-61-6	1,2,3-Trichlorobenzene	0.00906	0.00025	0.0057	V-05
120-82-1	1,2,4-Trichlorobenzene	0.00907	0.00012	0.0011	V-05
108-70-3	1,3,5-Trichlorobenzene	0.00887	0.00045	0.0057	V-05
71-55-6	1,1,1-Trichloroethane	0.0130	0.000057	0.0011	
79-00-5	1,1,2-Trichloroethane	0.0118	0.000091	0.0011	
79-01-6	Trichloroethylene	0.0116	0.00014	0.0011	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0159	0.000079	0.0023	L-02, V-20
96-18-4	1,2,3-Trichloropropane	0.0119	0.00024	0.0023	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0154	0.00012	0.0011	L-07, V-20
95-63-6	1,2,4-Trimethylbenzene	0.0117	0.000068	0.0011	
108-67-8	1,3,5-Trimethylbenzene	0.0116	0.000068	0.0011	
75-01-4	Vinyl Chloride	0.0101	0.00018	0.0023	
108383/106423	m+p Xylene	0.0235	0.000079	0.0023	
95-47-6	o-Xylene	0.0118	0.000057	0.0011	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211008.D Vial: 8
Acq On : 30 Jul 2013 6:04 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 01 14:49:57 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 16:58:42 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	117713	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	178824	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	97989	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.815	152	91414	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	71377	27.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.56%				
43) TOLUENE-D8 SS	6.121	98	176485	25.09	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%				
64) 4-BROMOFLUROBENZENE SS	8.683	95	76758	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	15186	7.875	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	23314	8.604	UG/L		100
5) CHLOROMETHANE	1.132	50	17592	7.769	UG/L		99
6) VINYL CHLORIDE	1.187	62	15544	8.872	UG/L		99
7) BROMOMETHANE	1.371	94	7968	16.120	UG/L		95
8) CHLOROETHANE	1.427	64	9760	12.245	UG/L		97
9) FLUORODICHLOROMETHANE	1.533	67	29634	11.597	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.572	101	30209	14.059	UG/L		99
12) DI ETHYL ETHER	1.740	59	13798	10.471	UG/L		92
13) ACROLEIN	1.823	56	20303	76.881	UG/L	#	99
14) ACETONE	1.921	43	60085	99.382	UG/L		95
15) 1,1-DICHLOROETHENE	1.887	61	26664	12.772	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	14351	13.616	UG/L		93
17) IODOMETHANE	1.993	142	17285	10.323	UG/L		98
18) METHYL ACETATE	2.152	43	15881	10.179	UG/L		95
19) T-BUTYL ALCOHOL	2.317	59	14227	78.021	UG/L	#	90
20) ACRYLONITRILE	2.420	53	7090	8.450	UG/L		98
21) METHYLENE CHLORIDE	2.225	49	23767	12.108	UG/L		95
22) CARBON DISULFIDE	2.041	76	33528	10.870	UG/L	#	94
23) METHYL TERT-BUTYL ETHE...	2.442	73	52483	10.735	UG/L		95
24) TRANS 1,2-DICHLOROETHENE	2.442	61	24453	9.842	UG/L		96
25) 1,1-DICHLOROETHANE	2.816	63	34137	10.634	UG/L		99
26) VINYL ACETATE	2.875	43	464792	107.952	UG/L	#	91
27) DI ISOPROPYL ETHER	2.891	45	64962	11.249	UG/L		89
28) 2-BUTANONE	3.430	43	98286	88.223	UG/L		96
29) T-BUTYL ETHYL ETHER	3.265	59	60393	10.988	UG/L		97
30) CIS-1,2-DICHLOROETHENE	3.402	61	31408	10.425	UG/L		97
31) 2,2-DICHLOROPROPANE	3.399	77	21985	10.927	UG/L		100
32) ETHYL ACETATE	3.505	43	22068	8.418	UG/L		94
33) BROMOCHLOROMETHANE	3.639	128	9093	11.070	UG/L		95
34) TETRAHYDROFURAN	3.697	42	6114	9.331	UG/L	#	95
35) CHLOROFORM	3.733	83	34997	11.089	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.904	97	28914	11.453	UG/L		96
37) CYCLOHEXANE	3.954	56	33175	12.214	UG/L		100
38) CARBON TETRACHLORIDE	4.065	117	24237	11.446	UG/L		98
39) 1,1-DICHLOROPROPENE	4.074	75	26592	11.522	UG/L		98
40) BENZENE	4.277	78	68284	9.603	UG/L		98
41) T-AMYLMETHYL ETHER	4.414	73	47823	10.591	UG/L	#	89
44) 1,2-DICHLOROETHANE	4.302	62	35551	12.122	UG/L		97
45) TRICHLOROETHENE	4.924	95	17796	10.273	UG/L		99
46) METHYLCYCLOHEXANE	5.103	83	23814	14.569	UG/L		97
47) 1,2-DICHLOROPROPANE	5.145	63	18474	10.197	UG/L		96
48) DIBROMOMETHANE	5.256	93	12258	10.822	UG/L		97
49) 1,4-DIOXANE	5.292	88	759	45.502	UG/L	#	65
50) BROMODICHLOROMETHANE	5.426	83	22298	10.185	UG/L		99
52) MIBK	6.040	43	218475	102.273	UG/L	#	90
53) CIS-1,3-DICHLOROPROPENE	5.867	75	24979	9.316	UG/L		95
54) TOLUENE	6.185	91	73377	9.973	UG/L		97
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	22863	9.275	UG/L		98

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211008.D Vial: 8
Acq On : 30 Jul 2013 6:04 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 01 14:49:57 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 16:58:42 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

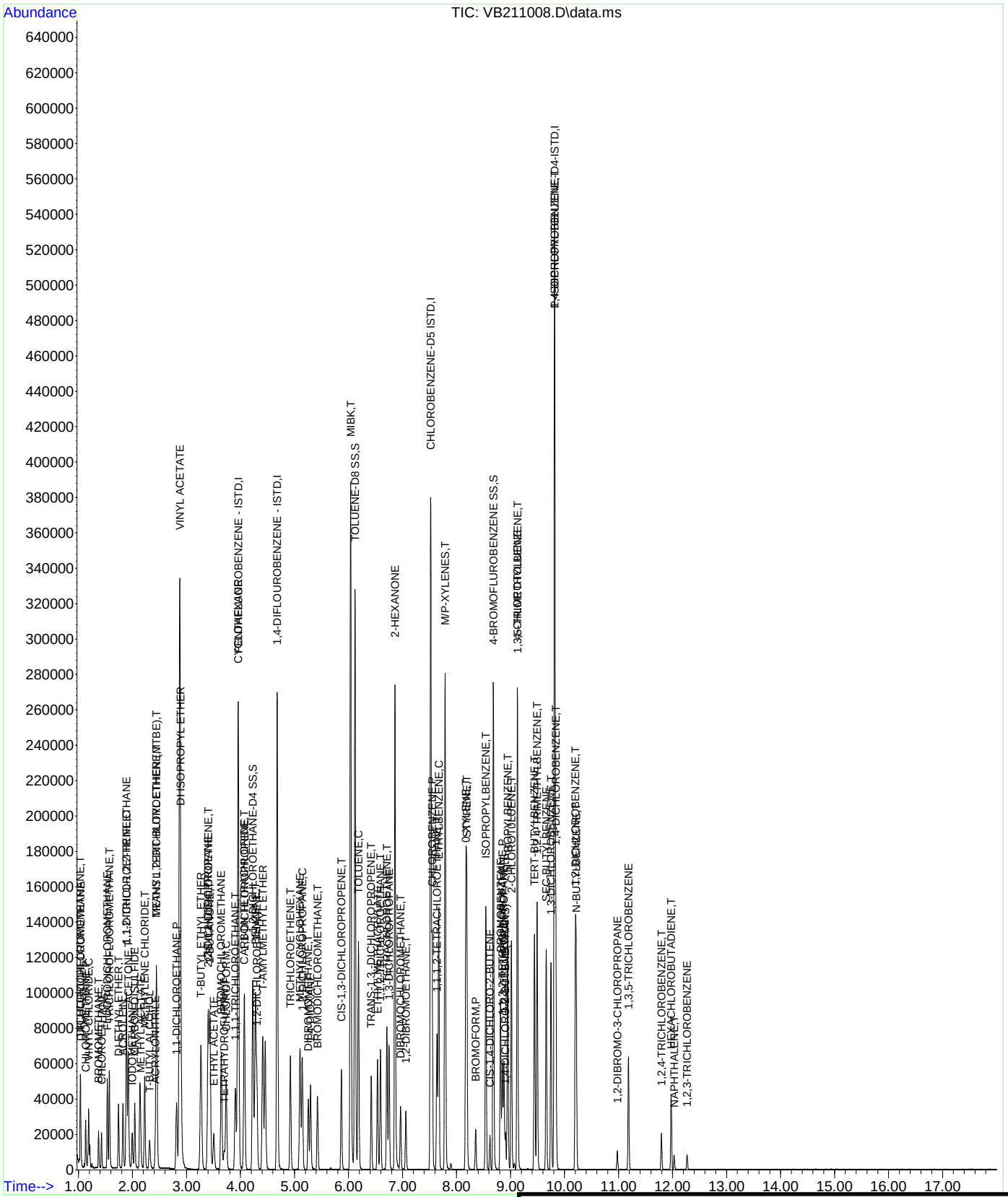
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) ETHYL METHACRYLATE	6.539	41	19768	10.054 UG/L	94
57) 1,1,2-TRICHLOROETHANE	6.592	97	16240	10.380 UG/L	99
58) 2-HEXANONE	6.860	43	147691	97.847 UG/L #	92
59) TETRACHLOROETHENE	6.712	164	15290	11.479 UG/L	98
60) 1,3-DICHLOROPROPANE	6.751	76	31073	10.710 UG/L	96
61) DIBROMOCHLOROMETHANE	6.963	129	15542	9.672 UG/L	96
62) 1,2-DIBROMOETHANE	7.060	107	19059	10.949 UG/L #	97
65) CHLOROBENZENE	7.548	112	51368	10.184 UG/L	97
66) 1,1,1,2-TETRACHLOROETHANE	7.635	131	16995	10.314 UG/L	98
67) ETHYLBENZENE	7.671	91	86041	10.089 UG/L	96
68) M/P-XYLENES	7.788	91	138387	20.771 UG/L	96
69) 0-XYLENE	8.170	91	72864	10.397 UG/L	97
70) STYRENE	8.190	104	55383	9.976 UG/L	97
71) BROMOFORM	8.354	173	9307	10.120 UG/L #	95
72) ISOPROPYLBENZENE	8.541	105	83335	10.348 UG/L	96
73) CIS-1,4-DICHLORO-2-BUTENE	8.616	53	4288	5.107 UG/L #	64
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	22931	9.898 UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	4472	8.045 UG/L #	73
76) BROMOBENZENE	8.814	77	35226	9.902 UG/L	97
77) 1,2,3-TRICHLOROPROPANE	8.876	110	8161	10.461 UG/L	82
78) N-PROPYLBENZENE	8.945	91	89661	10.309 UG/L	96
79) 2-CHLOROT0LUENE	9.015	91	61104	9.932 UG/L	95
80) 1,3,5-TRIMETHYLBENZENE	9.129	105	70564	10.240 UG/L	96
81) 4-CHLOROTOLUENE	9.127	91	71228	10.307 UG/L	98
83) TERT-BUTYLBENZENE	9.442	119	55187	10.314 UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	72998	10.305 UG/L	96
85) SEC-BUTYLBENZENE	9.659	105	73682	10.271 UG/L	98
86) 1,3-DICHLOROBENZENE	9.749	146	40646	10.307 UG/L	98
87) P-ISOPROPYLTOLUENE	9.813	119	63171	10.388 UG/L	99
88) 1,4-DICHLOROBENZENE	9.838	146	40745	10.298 UG/L	98
89) N-BUTYLBENZENE	10.217	91	44257	9.442 UG/L	97
90) 1,2-DICHLOROBENZENE	10.200	146	39713	10.102 UG/L	99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	2296	9.563 UG/L	89
92) 1,3,5-TRICHLOROBENZENE	11.185	180	17321	7.834 UG/L	100
93) 1,2,4-TRICHLOROBENZENE	11.793	180	5802	8.001 UG/L	99
94) HEXACHLOROBUTADIENE	11.977	225	8164	9.975 UG/L	99
95) NAPHTHALENE	12.030	128	6028	9.187 UG/L	97
96) 1,2,3-TRICHLOROBENZENE	12.267	180	2923	7.986 UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073013\VB211008.D Vial: 8
Acq On : 30 Jul 2013 6:04 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 01 14:49:57 2013

Quant Method : \\Voa2\MSDChem\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 30 16:58:42 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077786-BLK1	File ID:	VB212010.D
Sampled:		Prepared:	07/31/13 06:36	Analyzed:	07/31/13 15:36
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077786	Sequence:	S004489	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
127-18-4	Tetrachloroethylene		0.00014	0.0010	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212010.D Vial: 11
Acq On : 31 Jul 2013 3:36 pm Operator:
Sample : B0-BLK1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:35:52 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 02 08:31:36 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

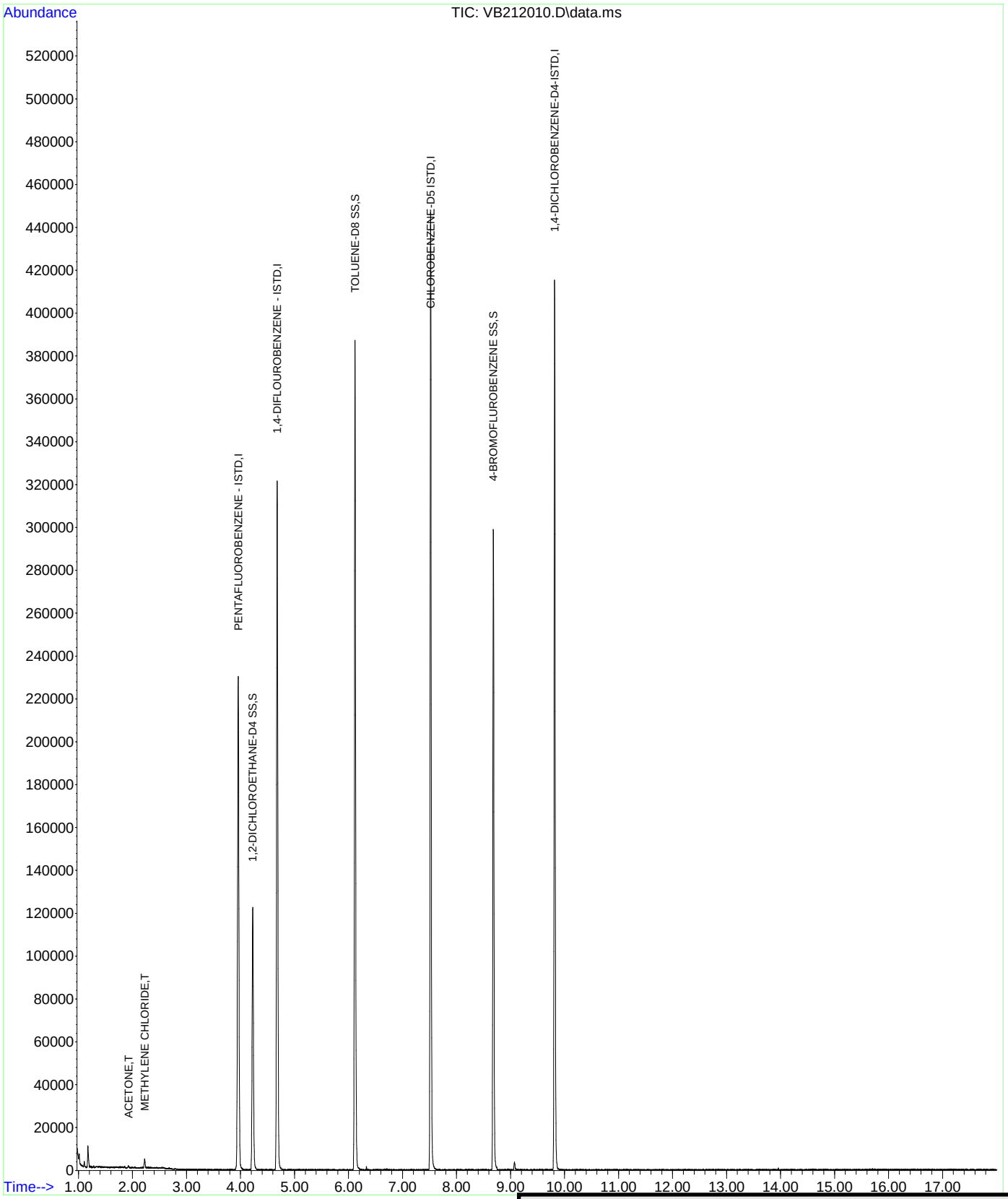
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	139683	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	212721	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	114704	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	90889	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	81093	26.22	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.88%			
43) TOLUENE-D8 SS	6.121	98	210336	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
64) 4-BROMOFLUROBENZENE SS	8.681	95	86430	24.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.44%			
Target Compounds						Qvalue
14) ACETONE	1.926	43	1116	1.556	UG/L	# 46
21) METHYLENE CHLORIDE	2.222	49	1820	0.781	UG/L	91

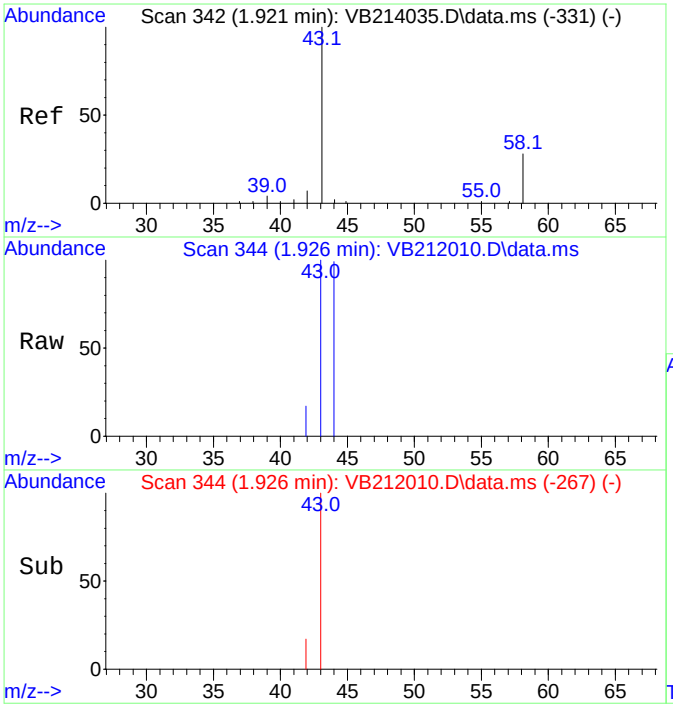
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212010.D Vial: 11
Acq On : 31 Jul 2013 3:36 pm Operator:
Sample : B0-BLK1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:35:52 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 02 08:31:36 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

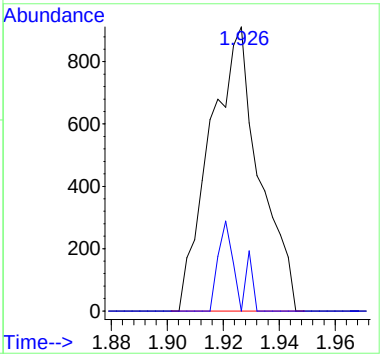


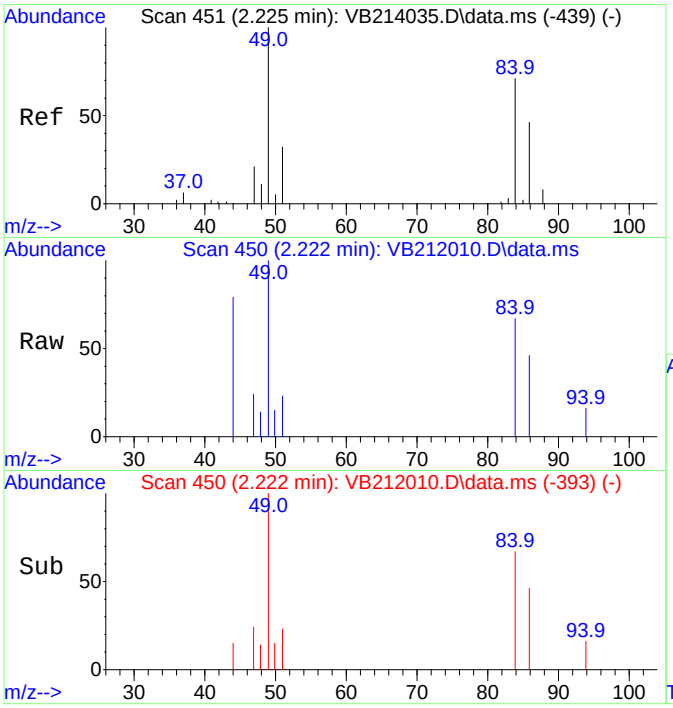


#14
ACETONE
Concen: 1.56 UG/L
RT: 1.926 min Scan# 344
Delta R.T. 0.000 min
Lab File: VB212010.D
Acq: 31 Jul 2013 3:36 pm

Tgt Ion: 43 Resp: 1116

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#

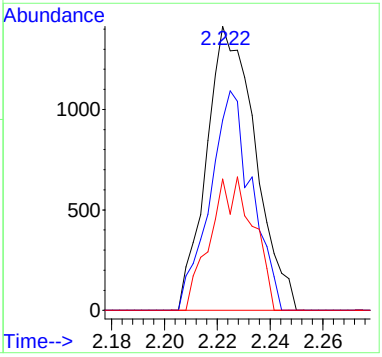




#21
METHYLENE CHLORIDE
Concen: 0.78 UG/L
RT: 2.222 min Scan# 450
Delta R.T. 0.000 min
Lab File: VB212010.D
Acq: 31 Jul 2013 3:36 pm

Tgt Ion: 49 Resp: 1820

Ion	Ratio	Lower	Upper
49	100		
84	66.4	58.6	88.0
86	41.2	37.9	56.9



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077786-BS1	File ID:	VB212007.D
Sampled:		Prepared:	07/31/13 06:36	Analyzed:	07/31/13 13:54
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077786	Sequence:	S004489	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
127-18-4	Tetrachloroethylene	0.0134	0.00016	0.0011	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212007.D Vial: 7
Acq On : 31 Jul 2013 1:54 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:33:09 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 02 08:31:36 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	143417	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.676	114	217387	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	119156	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	110766	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	81327	25.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.44%				
43) TOLUENE-D8 SS	6.121	98	214489	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	92728	24.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	14936	6.357	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.037	51	28144	8.525	UG/L		98
5) CHLOROMETHANE	1.132	50	22198	8.046	UG/L		99
6) VINYL CHLORIDE	1.188	62	19075	8.936	UG/L		98
7) BROMOMETHANE	1.369	94	8445	13.164	UG/L		98
8) CHLOROETHANE	1.425	64	11695	12.043	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	37117	11.922	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	32802	12.530	UG/L		100
11) ETHANOL	1.667	45	521	27.731	UG/L	#	56
12) DI ETHYL ETHER	1.740	59	17447	10.868	UG/L		92
13) ACROLEIN	1.823	56	12118	37.663	UG/L	#	94
14) ACETONE	1.921	43	70095	95.159	UG/L		98
15) 1,1-DICHLOROETHENE	1.888	61	31085	12.221	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	15910	12.390	UG/L		97
17) IODOMETHANE	1.994	142	32881	16.117	UG/L		100
18) METHYL ACETATE	2.150	43	18678	9.826	UG/L		91
19) T-BUTYL ALCOHOL	2.314	59	17903	80.584	UG/L	#	92
20) ACRYLONITRILE	2.417	53	8580	8.393	UG/L		96
21) METHYLENE CHLORIDE	2.225	49	33322	13.933	UG/L		92
22) CARBON DISULFIDE	2.041	76	45152	12.015	UG/L	#	93
23) METHYL TERT-BUTYL ETHE...	2.443	73	66256	11.124	UG/L		96
24) TRANS 1,2-DICHLOROETHENE	2.443	61	30507	10.078	UG/L		99
25) 1,1-DICHLOROETHANE	2.813	63	44013	11.253	UG/L		99
26) VINYL ACETATE	2.872	43	594875	113.402	UG/L	#	91
27) DI ISOPROPYL ETHER	2.889	45	88229	12.540	UG/L	#	88
28) 2-BUTANONE	3.430	43	122158	89.998	UG/L		95
29) T-BUTYL ETHYL ETHER	3.265	59	79537	11.877	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	40957	11.158	UG/L		97
31) 2,2-DICHLOROPROPANE	3.399	77	29324	11.963	UG/L		99
32) ETHYL ACETATE	3.505	43	26275	8.226	UG/L	#	90
33) BROMOCHLOROMETHANE	3.642	128	11747	11.738	UG/L		93
34) TETRAHYDROFURAN	3.692	42	7666	9.603	UG/L	#	96
35) CHLOROFORM	3.734	83	45599	11.858	UG/L		97
36) 1,1,1-TRICHLOROETHANE	3.907	97	35813	11.644	UG/L		98
37) CYCLOHEXANE	3.954	56	38034	11.493	UG/L		98
38) CARBON TETRACHLORIDE	4.066	117	29080	11.272	UG/L		99
39) 1,1-DICHLOROPROPENE	4.074	75	32976	11.728	UG/L		98
40) BENZENE	4.275	78	88364	10.200	UG/L		98
41) T-AMYLMETHYL ETHER	4.409	73	63146	11.478	UG/L	#	93
44) 1,2-DICHLOROETHANE	4.303	62	43413	12.177	UG/L		99
45) TRICHLOROETHENE	4.919	95	23147	10.991	UG/L		98
46) METHYLCYCLOHEXANE	5.100	83	25616	12.892	UG/L		97
47) 1,2-DICHLOROPROPANE	5.142	63	24399	11.078	UG/L		97
48) DIBROMOMETHANE	5.253	93	15609	11.336	UG/L		98
49) 1,4-DIOXANE	5.293	88	1775	87.535	UG/L		95
50) BROMODICHLOROMETHANE	5.424	83	29925	11.244	UG/L		100
52) MIBK	6.037	43	263555	101.490	UG/L	#	90
53) CIS-1,3-DICHLOROPROPENE	5.870	75	34131	10.471	UG/L		97
54) TOLUENE	6.185	91	97633	10.916	UG/L		97

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212007.D Vial: 7
Acq On : 31 Jul 2013 1:54 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:33:09 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 02 08:31:36 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

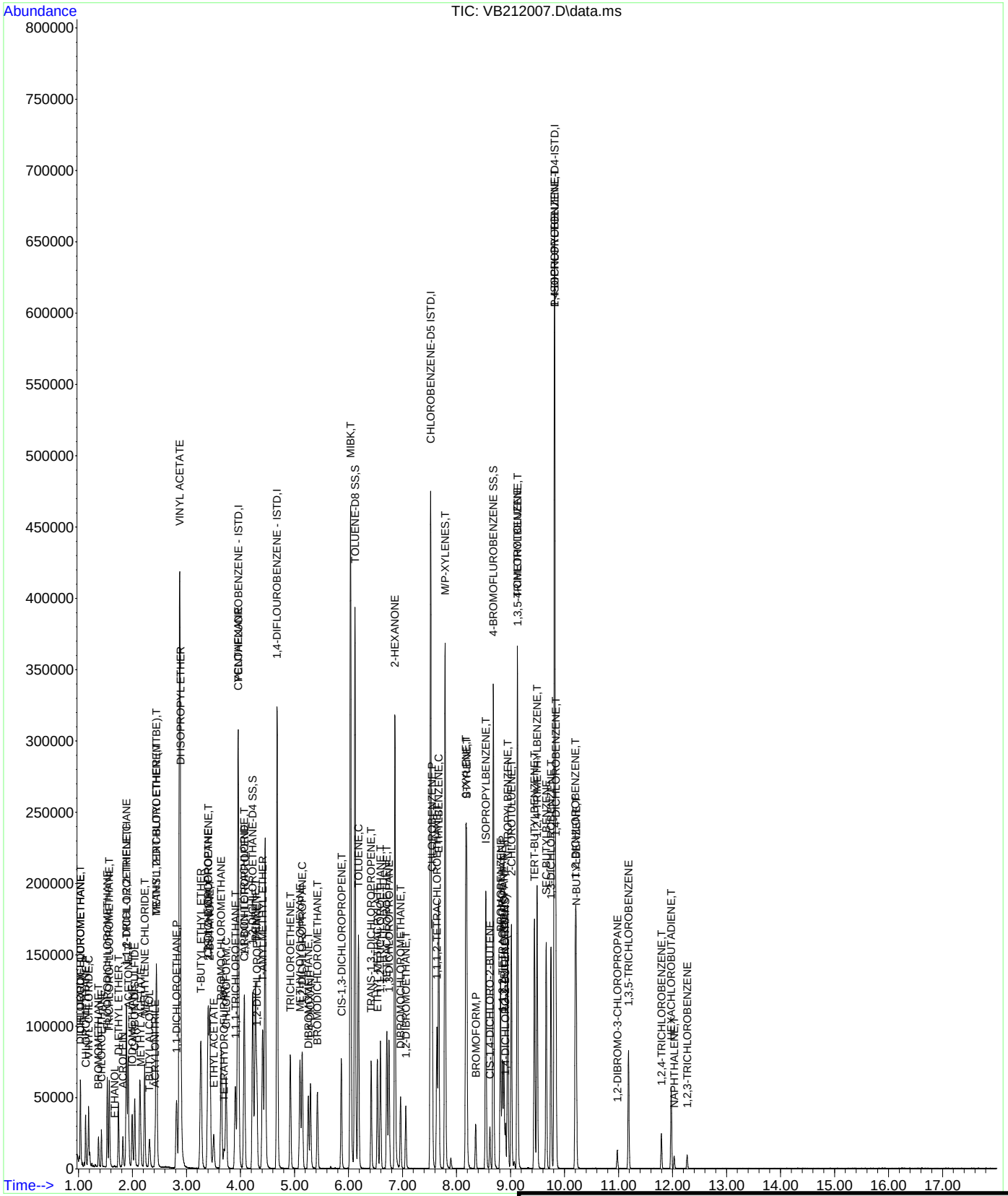
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	30891	10.309	UG/L		97
56) ETHYL METHACRYLATE	6.533	41	24848	10.396	UG/L		96
57) 1,1,2-TRICHLOROETHANE	6.589	97	21127	11.108	UG/L		100
58) 2-HEXANONE	6.857	43	177598	96.788	UG/L	#	92
59) TETRACHLOROETHENE	6.709	164	19104	11.798	UG/L		100
60) 1,3-DICHLOROPROPANE	6.748	76	40472	11.475	UG/L		96
61) DIBROMOCHLOROMETHANE	6.963	129	20979	10.517	UG/L		97
62) 1,2-DIBROMOETHANE	7.061	107	24281	11.474	UG/L		100
65) CHLOROBENZENE	7.546	112	67738	11.044	UG/L		98
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	22921	11.440	UG/L		99
67) ETHYLBENZENE	7.668	91	113762	10.969	UG/L		97
68) M/P-XYLENES	7.788	91	181973	22.461	UG/L		97
69) 0-XYLENE	8.170	91	96701	11.347	UG/L		97
70) STYRENE	8.187	104	74876	11.092	UG/L		98
71) BROMOFORM	8.357	173	12312	10.612	UG/L	#	98
72) ISOPROPYLBENZENE	8.541	105	109804	11.212	UG/L		98
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	5967	5.844	UG/L	#	73
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	29336	10.413	UG/L		98
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	6248	8.710	UG/L	#	77
76) BROMOBENZENE	8.815	77	47438	10.966	UG/L		98
77) 1,2,3-TRICHLOROPROPANE	8.879	110	10254	10.809	UG/L		81
78) N-PROPYLBENZENE	8.948	91	119108	11.262	UG/L		97
79) 2-CHLOROT0LUENE	9.015	91	80939	10.819	UG/L		97
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	94740	11.306	UG/L		97
81) 4-CHLOROTOLUENE	9.127	91	96588	11.494	UG/L		97
83) TERT-BUTYLBENZENE	9.445	119	72314	11.153	UG/L		100
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	97212	11.326	UG/L		99
85) SEC-BUTYLBENZENE	9.660	105	96902	11.148	UG/L		98
86) 1,3-DICHLOROBENZENE	9.749	146	54291	11.362	UG/L		98
87) P-ISOPROPYLTOLUENE	9.813	119	84001	11.400	UG/L		98
88) 1,4-DICHLOROBENZENE	9.838	146	54890	11.450	UG/L		99
89) N-BUTYLBENZENE	10.217	91	57954	10.204	UG/L		97
90) 1,2-DICHLOROBENZENE	10.201	146	52474	11.016	UG/L		98
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	2682	9.400	UG/L		94
92) 1,3,5-TRICHLOROBENZENE	11.182	180	22907	8.550	UG/L		99
93) 1,2,4-TRICHLOROBENZENE	11.793	180	6370	7.766	UG/L		94
94) HEXACHLOROBUTADIENE	11.977	225	10759	10.849	UG/L		97
95) NAPHTHALENE	12.030	128	6644	9.076	UG/L		96
96) 1,2,3-TRICHLOROBENZENE	12.273	180	3028	7.730	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212007.D Vial: 7
Acq On : 31 Jul 2013 1:54 pm Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Aug 02 08:33:09 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Aug 02 08:31:36 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Soil	Laboratory ID:	B077786-BSD1	File ID:	VB212008.D
Sampled:		Prepared:	07/31/13 06:36	Analyzed:	07/31/13 14:35
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B077786	Sequence:	S004489	Calibration:	1300079
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
127-18-4	Tetrachloroethylene	0.0132	0.00016	0.0011	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212008.D Vial: 8
Acq On : 31 Jul 2013 2:35 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 31 14:53:51 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	145771	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.676	114	221703	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	119289	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	111419	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.225	65	83971	26.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.08%				
43) TOLUENE-D8 SS	6.121	98	219023	25.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	93310	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	15116	6.330	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.037	51	28608	8.525	UG/L		99
5) CHLOROMETHANE	1.132	50	21670	7.728	UG/L		98
6) VINYL CHLORIDE	1.188	62	18851	8.688	UG/L		99
7) BROMOMETHANE	1.372	94	11034	18.807	UG/L		91
8) CHLOROETHANE	1.425	64	12078	12.237	UG/L		97
9) FLUORODICHLOROMETHANE	1.533	67	38034	12.019	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.573	101	33750	12.684	UG/L		100
11) ETHANOL	1.740	45	13009	681.238	UG/L	#	49
12) DI ETHYL ETHER	1.737	59	18233	11.174	UG/L		92
13) ACROLEIN	1.823	56	12144	37.134	UG/L	#	98
14) ACETONE	1.918	43	72907	97.378	UG/L		96
15) 1,1-DICHLOROETHENE	1.888	61	32019	12.385	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	16329	12.511	UG/L		96
17) IODOMETHANE	1.994	142	27180	13.108	UG/L		98
18) METHYL ACETATE	2.147	43	19278	9.978	UG/L		93
19) T-BUTYL ALCOHOL	2.317	59	17810	78.871	UG/L	#	93
20) ACRYLONITRILE	2.417	53	8985	8.647	UG/L		97
21) METHYLENE CHLORIDE	2.222	49	36431	14.987	UG/L		92
22) CARBON DISULFIDE	2.041	76	44884	11.751	UG/L	#	93
23) METHYL TERT-BUTYL ETHE...	2.443	73	68527	11.319	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.440	61	31137	10.120	UG/L		97
25) 1,1-DICHLOROETHANE	2.813	63	44177	11.112	UG/L		99
26) VINYL ACETATE	2.872	43	610458	114.493	UG/L	#	91
27) DI ISOPROPYL ETHER	2.889	45	89623	12.532	UG/L	#	89
28) 2-BUTANONE	3.430	43	124627	90.335	UG/L		95
29) T-BUTYL ETHYL ETHER	3.265	59	79285	11.648	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.402	61	40203	10.776	UG/L		98
31) 2,2-DICHLOROPROPANE	3.402	77	27991	11.235	UG/L		99
32) ETHYL ACETATE	3.502	43	26945	8.300	UG/L		96
33) BROMOCHLOROMETHANE	3.644	128	12001	11.798	UG/L		94
34) TETRAHYDROFURAN	3.695	42	7937	9.782	UG/L	#	97
35) CHLOROFORM	3.731	83	44241	11.319	UG/L		98
36) 1,1,1-TRICHLOROETHANE	3.904	97	35649	11.403	UG/L		98
37) CYCLOHEXANE	3.954	56	37572	11.170	UG/L		99
38) CARBON TETRACHLORIDE	4.066	117	28624	10.916	UG/L		99
39) 1,1-DICHLOROPROPENE	4.071	75	33032	11.558	UG/L		98
40) BENZENE	4.277	78	87692	9.959	UG/L		99
41) T-AMYLMETHYL ETHER	4.409	73	63443	11.346	UG/L	#	93
44) 1,2-DICHLOROETHANE	4.300	62	43431	11.945	UG/L		100
45) TRICHLOROETHENE	4.922	95	22465	10.460	UG/L		100
46) METHYLCYCLOHEXANE	5.100	83	24725	12.201	UG/L		97
47) 1,2-DICHLOROPROPANE	5.139	63	23723	10.562	UG/L		95
48) DIBROMOMETHANE	5.254	93	15410	10.973	UG/L		98
49) 1,4-DIOXANE	5.295	88	1725	83.413	UG/L		93
50) BROMODICHLOROMETHANE	5.426	83	29967	11.041	UG/L		98
52) MIBK	6.037	43	270715	102.218	UG/L	#	90
53) CIS-1,3-DICHLOROPROPENE	5.867	75	33199	9.987	UG/L		96
54) TOLUENE	6.182	91	96254	10.552	UG/L		97

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212008.D Vial: 8
Acq On : 31 Jul 2013 2:35 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 31 14:53:51 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

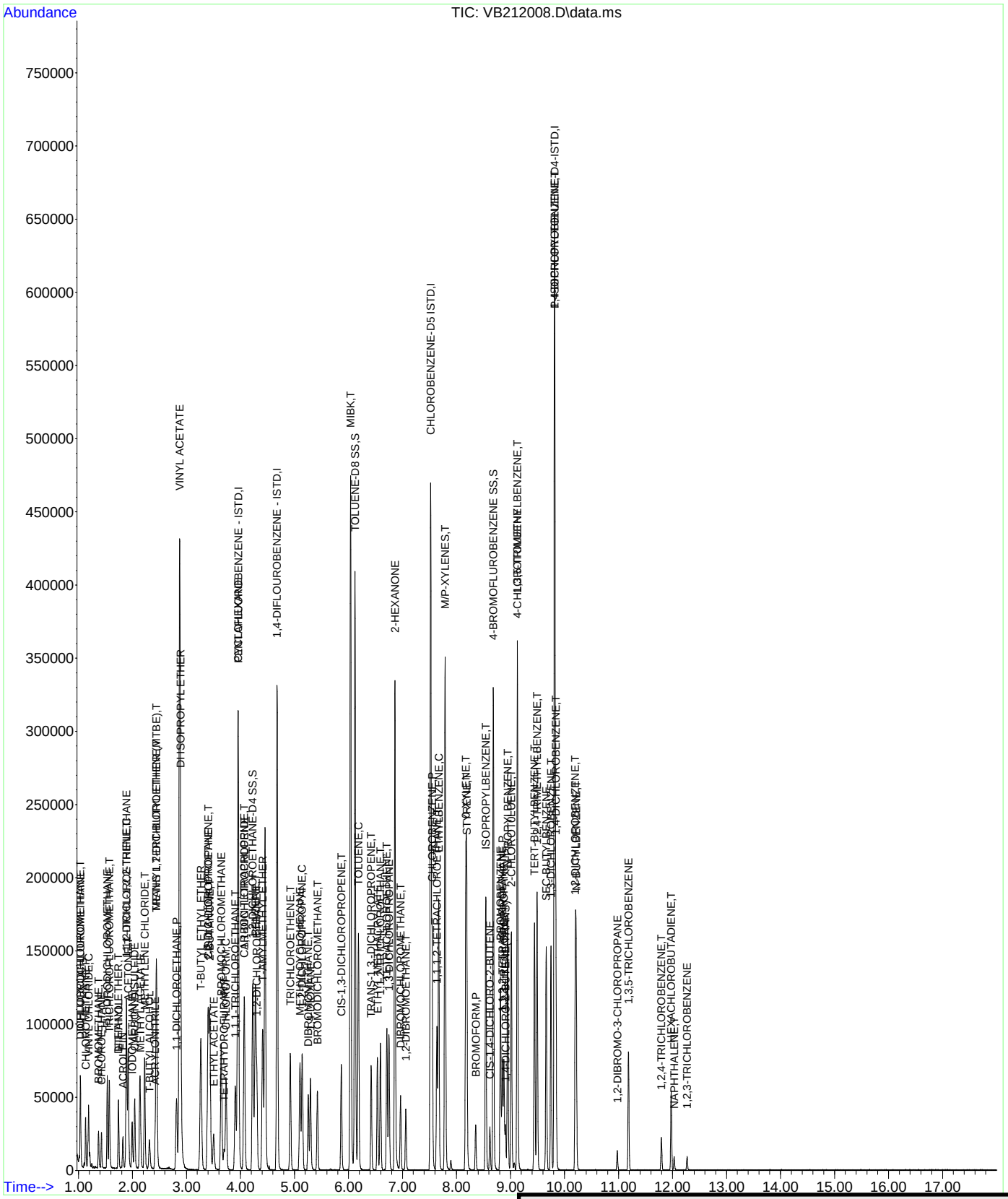
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	30975	10.136	UG/L		98
56) ETHYL METHACRYLATE	6.536	41	25875	10.615	UG/L		92
57) 1,1,2-TRICHLOROETHANE	6.592	97	21640	11.156	UG/L		99
58) 2-HEXANONE	6.860	43	181689	97.090	UG/L	#	92
59) TETRACHLOROETHENE	6.709	164	19231	11.646	UG/L		99
60) 1,3-DICHLOROPROPANE	6.751	76	40898	11.371	UG/L		97
61) DIBROMOCHLOROMETHANE	6.963	129	20605	10.203	UG/L		99
62) 1,2-DIBROMOETHANE	7.063	107	24193	11.210	UG/L		99
65) CHLOROBENZENE	7.549	112	66863	10.889	UG/L		97
66) 1,1,1,2-TETRACHLOROETHANE	7.635	131	22660	11.297	UG/L		97
67) ETHYLBENZENE	7.671	91	111471	10.736	UG/L		97
68) M/P-XYLENES	7.788	91	177176	21.845	UG/L		96
69) 0-XYLENE	8.170	91	94131	11.033	UG/L		97
70) STYRENE	8.190	104	71120	10.523	UG/L		98
71) BROMOFORM	8.357	173	12140	10.520	UG/L	#	98
72) ISOPROPYLBENZENE	8.541	105	105662	10.777	UG/L		97
73) CIS-1,4-DICHLORO-2-BUTENE	8.617	53	6103	5.971	UG/L	#	70
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	28682	10.170	UG/L		99
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	6111	8.592	UG/L	#	81
76) BROMOBENZENE	8.812	77	45972	10.615	UG/L		97
77) 1,2,3-TRICHLOROPROPANE	8.876	110	10050	10.582	UG/L		77
78) N-PROPYLBENZENE	8.948	91	113979	10.765	UG/L		96
79) 2-CHLOROT0LUENE	9.013	91	78013	10.416	UG/L		97
80) 1,3,5-TRIMETHYLBENZENE	9.127	105	90086	10.738	UG/L		98
81) 4-CHLOROTOLUENE	9.124	91	91420	10.867	UG/L		99
83) TERT-BUTYLBENZENE	9.442	119	69671	10.683	UG/L		99
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	92913	10.761	UG/L		98
85) SEC-BUTYLBENZENE	9.662	105	92799	10.614	UG/L		98
86) 1,3-DICHLOROBENZENE	9.749	146	51824	10.782	UG/L		98
87) P-ISOPROPYLTOLUENE	9.813	119	79448	10.718	UG/L		99
88) 1,4-DICHLOROBENZENE	9.838	146	53040	10.999	UG/L		99
89) N-BUTYLBENZENE	10.214	91	56063	9.813	UG/L		98
90) 1,2-DICHLOROBENZENE	10.198	146	51040	10.652	UG/L		99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	2628	9.286	UG/L		99
92) 1,3,5-TRICHLOROBENZENE	11.182	180	22408	8.315	UG/L		99
93) 1,2,4-TRICHLOROBENZENE	11.790	180	6364	7.751	UG/L		99
94) HEXACHLOROBUTADIENE	11.977	225	10560	10.586	UG/L		98
95) NAPHTHALENE	12.030	128	6506	9.046	UG/L	#	95
96) 1,2,3-TRICHLOROBENZENE	12.270	180	3008	7.711	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\073113\VB212008.D Vial: 8
Acq On : 31 Jul 2013 2:35 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 31 14:53:51 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BLK1	File ID:	VB210008.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 13:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Column:	1				

Instrument: GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		4.7	50	
107-13-1	Acrylonitrile		0.58	5.0	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)		0.091	0.50	
71-43-2	Benzene		0.079	1.0	
108-86-1	Bromobenzene		0.044	1.0	
74-97-5	Bromochloromethane		0.22	1.0	
75-27-4	Bromodichloromethane		0.088	1.0	
75-25-2	Bromoform		0.21	1.0	
74-83-9	Bromomethane		0.94	2.0	
78-93-3	2-Butanone (MEK)		2.4	20	
75-65-0	tert-Butyl Alcohol (TBA)		2.2	20	V-16
104-51-8	n-Butylbenzene		0.054	1.0	
135-98-8	sec-Butylbenzene		0.084	1.0	
98-06-6	tert-Butylbenzene		0.096	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.075	0.50	
75-15-0	Carbon Disulfide		1.0	5.0	
56-23-5	Carbon Tetrachloride		0.10	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.054	0.50	
75-00-3	Chloroethane		0.16	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.32	2.0	
95-49-8	2-Chlorotoluene		0.070	1.0	
106-43-4	4-Chlorotoluene		0.074	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.34	5.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BLK1	File ID:	VB210008.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 13:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.089	0.50	
74-95-3	Dibromomethane		0.070	1.0	
95-50-1	1,2-Dichlorobenzene		0.076	1.0	
541-73-1	1,3-Dichlorobenzene		0.079	1.0	
106-46-7	1,4-Dichlorobenzene		0.046	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.12	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.12	2.0	
75-34-3	1,1-Dichloroethane		0.16	1.0	
107-06-2	1,2-Dichloroethane		0.19	1.0	
75-35-4	1,1-Dichloroethylene		0.21	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.15	1.0	
78-87-5	1,2-Dichloropropane		0.11	1.0	
142-28-9	1,3-Dichloropropane		0.099	0.50	
594-20-7	2,2-Dichloropropane		0.072	1.0	
563-58-6	1,1-Dichloropropene		0.13	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.062	1.0	
10061-02-6	trans-1,3-Dichloropropene		0.056	5.0	
60-29-7	Diethyl Ether		0.22	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.18	0.50	
123-91-1	1,4-Dioxane		26	50	V-16
100-41-4	Ethylbenzene		0.092	1.0	
87-68-3	Hexachlorobutadiene		0.17	1.0	
591-78-6	2-Hexanone (MBK)		1.5	10	
98-82-8	Isopropylbenzene (Cumene)		0.11	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.13	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BLK1	File ID:	VB210008.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 13:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.090	1.0	
75-09-2	Methylene Chloride		3.2	10	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.5	10	
91-20-3	Naphthalene		0.12	2.0	
103-65-1	n-Propylbenzene		0.094	1.0	
100-42-5	Styrene		0.12	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.12	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.12	0.50	
127-18-4	Tetrachloroethylene		0.080	1.0	
109-99-9	Tetrahydrofuran		1.1	10	
108-88-3	Toluene		0.090	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.14	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.12	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.14	5.0	V-05
71-55-6	1,1,1-Trichloroethane		0.094	1.0	
79-00-5	1,1,2-Trichloroethane		0.12	1.0	
79-01-6	Trichloroethylene		0.077	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
96-18-4	1,2,3-Trichloropropane		0.12	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.092	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.18	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.10	1.0	
75-01-4	Vinyl Chloride		0.13	2.0	
108383/106423	m+p Xylene		0.18	2.0	
95-47-6	o-Xylene		0.11	1.0	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210008.D Vial: 8
Acq On : 29 Jul 2013 1:24 pm Operator:
Sample : B0-BLK1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:03:22 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

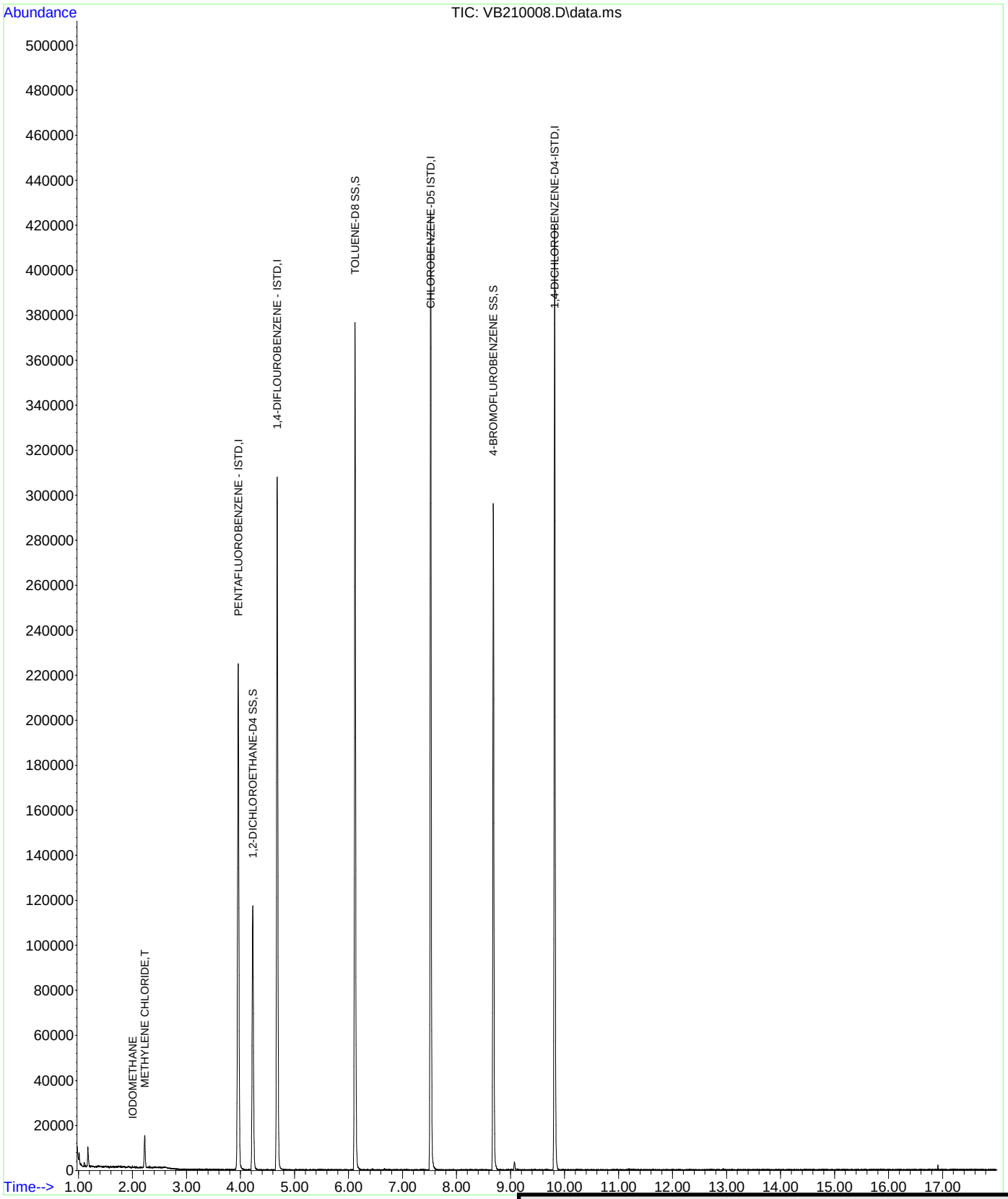
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	135153	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	206762	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	109742	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	90015	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	78754	26.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.28%			
43) TOLUENE-D8 SS	6.121	98	201896	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%			
64) 4-BROMOFLUROBENZENE SS	8.681	95	83079	24.22	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%			
Target Compounds						Qvalue
17) IODOMETHANE	2.002	142	437	0.227	UG/L #	29
21) METHYLENE CHLORIDE	2.225	49	6491	2.880	UG/L	96

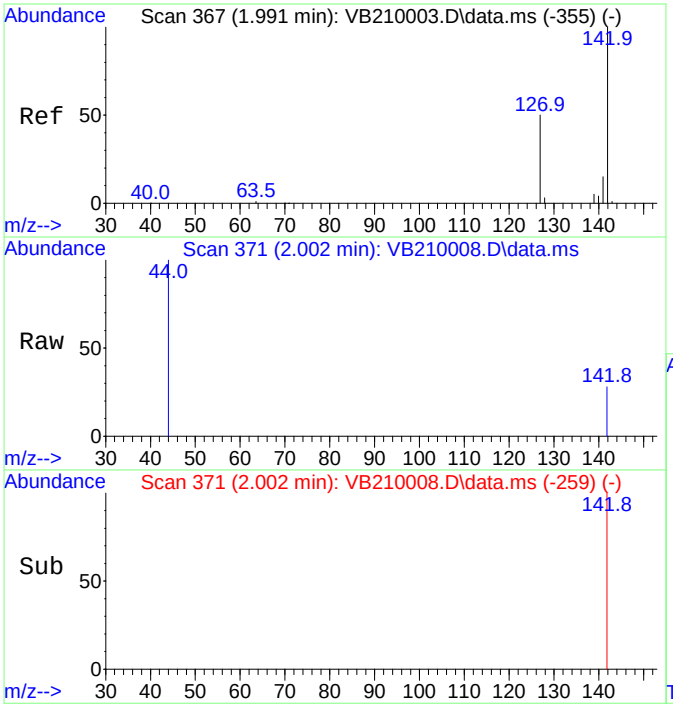
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210008.D Vial: 8
Acq On : 29 Jul 2013 1:24 pm Operator:
Sample : B0-BLK1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:03:22 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

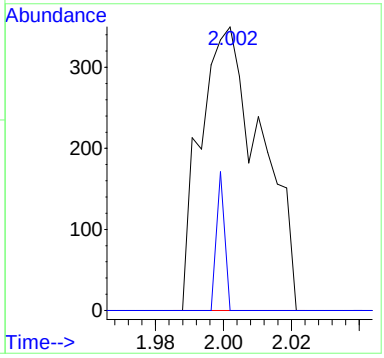


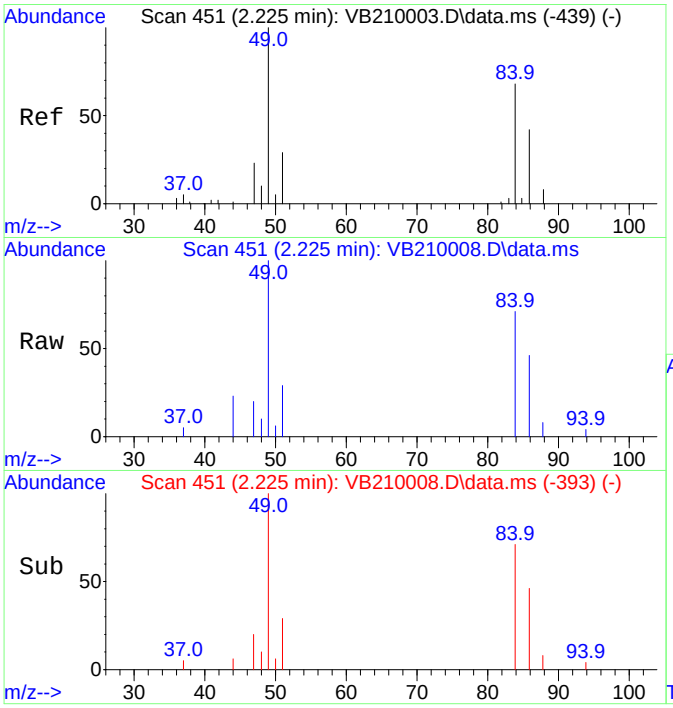


#17
IODOMETHANE
Concen: 0.23 UG/L
RT: 2.002 min Scan# 371
Delta R.T. 0.012 min
Lab File: VB210008.D
Acq: 29 Jul 2013 1:24 pm

Tgt Ion:142 Resp: 437

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.1	57.1#

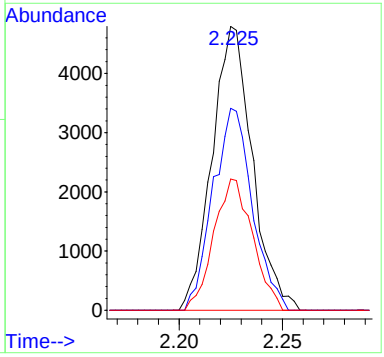




#21
METHYLENE CHLORIDE
Concen: 2.88 UG/L
RT: 2.225 min Scan# 451
Delta R.T. 0.003 min
Lab File: VB210008.D
Acq: 29 Jul 2013 1:24 pm

Tgt Ion: 49 Resp: 6491

Ion	Ratio	Lower	Upper
49	100		
84	69.6	58.6	88.0
86	44.5	37.9	56.9



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BS1	File ID:	VB210005.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 11:50
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	114	4.7	50	
107-13-1	Acrylonitrile	7.93	0.58	5.0	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)	11.5	0.091	0.50	
71-43-2	Benzene	9.68	0.079	1.0	
108-86-1	Bromobenzene	10.1	0.044	1.0	
74-97-5	Bromochloromethane	11.1	0.22	1.0	
75-27-4	Bromodichloromethane	10.7	0.088	1.0	
75-25-2	Bromoform	10.6	0.21	1.0	
74-83-9	Bromomethane	11.8	0.94	2.0	V-20
78-93-3	2-Butanone (MEK)	96.0	2.4	20	
75-65-0	tert-Butyl Alcohol (TBA)	102	2.2	20	V-16
104-51-8	n-Butylbenzene	9.69	0.054	1.0	
135-98-8	sec-Butylbenzene	10.3	0.084	1.0	
98-06-6	tert-Butylbenzene	10.2	0.096	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.5	0.075	0.50	
75-15-0	Carbon Disulfide	10.9	1.0	5.0	V-20
56-23-5	Carbon Tetrachloride	10.6	0.10	5.0	
108-90-7	Chlorobenzene	10.4	0.12	1.0	
124-48-1	Chlorodibromomethane	10.1	0.054	0.50	
75-00-3	Chloroethane	11.9	0.16	2.0	
67-66-3	Chloroform	10.7	0.14	2.0	
74-87-3	Chloromethane	7.99	0.32	2.0	
95-49-8	2-Chlorotoluene	10.3	0.070	1.0	
106-43-4	4-Chlorotoluene	10.5	0.074	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.3	0.34	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.0	0.080	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BS1	File ID:	VB210005.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 11:50
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.070	1.0	
95-50-1	1,2-Dichlorobenzene	10.4	0.076	1.0	
541-73-1	1,3-Dichlorobenzene	10.4	0.079	1.0	
106-46-7	1,4-Dichlorobenzene	10.5	0.046	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.95	0.12	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.03	0.12	2.0	
75-34-3	1,1-Dichloroethane	10.6	0.16	1.0	
107-06-2	1,2-Dichloroethane	11.6	0.19	1.0	
75-35-4	1,1-Dichloroethylene	11.6	0.21	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.5	0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.41	0.15	1.0	
78-87-5	1,2-Dichloropropane	10.3	0.11	1.0	
142-28-9	1,3-Dichloropropane	11.0	0.099	0.50	
594-20-7	2,2-Dichloropropane	12.5	0.072	1.0	V-20
563-58-6	1,1-Dichloropropene	11.0	0.13	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.2	0.062	1.0	
10061-02-6	trans-1,3-Dichloropropene	10.4	0.056	5.0	
60-29-7	Diethyl Ether	10.8	0.22	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.4	0.18	0.50	
123-91-1	1,4-Dioxane	108	26	50	V-16
100-41-4	Ethylbenzene	10.2	0.092	1.0	
87-68-3	Hexachlorobutadiene	11.3	0.17	1.0	
591-78-6	2-Hexanone (MBK)	104	1.5	10	
98-82-8	Isopropylbenzene (Cumene)	10.4	0.11	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.4	0.12	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.0	0.090	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BS1	File ID:	VB210005.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 11:50
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	14.3	3.2	10	L-02, V-20
108-10-1	4-Methyl-2-pentanone (MIBK)	103	1.5	10	
91-20-3	Naphthalene	9.66	0.12	2.0	
103-65-1	n-Propylbenzene	10.4	0.094	1.0	
100-42-5	Styrene	10.4	0.12	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.6	0.12	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.0	0.12	0.50	
127-18-4	Tetrachloroethylene	11.1	0.080	1.0	
109-99-9	Tetrahydrofuran	10.2	1.1	10	
108-88-3	Toluene	10.3	0.090	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.58	0.14	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.56	0.12	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.86	0.14	5.0	V-05
71-55-6	1,1,1-Trichloroethane	10.9	0.094	1.0	
79-00-5	1,1,2-Trichloroethane	10.8	0.12	1.0	
79-01-6	Trichloroethylene	10.2	0.077	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	12.2	0.15	2.0	
96-18-4	1,2,3-Trichloropropane	10.3	0.12	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.9	0.092	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.3	0.18	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.5	0.10	1.0	
75-01-4	Vinyl Chloride	8.76	0.13	2.0	
108383/106423	m+p Xylene	20.9	0.18	2.0	
95-47-6	o-Xylene	10.6	0.11	1.0	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210005.D Vial: 5
Acq On : 29 Jul 2013 11:50 am Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:01:13 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	136749	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	204415	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	112295	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	104750	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	78717	26.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.00%				
43) TOLUENE-D8 SS	6.121	98	202860	25.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	86685	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	15743	7.028	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.040	51	25487	8.096	UG/L		98
5) CHLOROMETHANE	1.132	50	21011	7.987	UG/L		100
6) VINYL CHLORIDE	1.188	62	17828	8.759	UG/L		97
7) BROMOMETHANE	1.372	94	7492	11.788	UG/L		86
8) CHLOROETHANE	1.427	64	10993	11.872	UG/L		99
9) FLUORODICHLOROMETHANE	1.533	67	33900	11.419	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.572	101	30445	12.197	UG/L		99
12) DI ETHYL ETHER	1.743	59	16482	10.767	UG/L		93
13) ACROLEIN	1.823	56	5373	17.514	UG/L	#	98
14) ACETONE	1.921	43	79743	113.536	UG/L		96
15) 1,1-DICHLOROETHENE	1.890	61	28244	11.645	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	14574	11.903	UG/L		95
17) IODOMETHANE	1.996	142	28048	14.419	UG/L		97
18) METHYL ACETATE	2.152	43	18259	10.074	UG/L		94
19) T-BUTYL ALCOHOL	2.314	59	21609	102.008	UG/L		94
20) ACRYLONITRILE	2.423	53	7731	7.931	UG/L		94
21) METHYLENE CHLORIDE	2.225	49	32555	14.276	UG/L		93
22) CARBON DISULFIDE	2.041	76	39022	10.890	UG/L		94
23) METHYL TERT-BUTYL ETHE...	2.445	73	62314	10.972	UG/L		96
24) TRANS 1,2-DICHLOROETHENE	2.445	61	27168	9.412	UG/L		97
25) 1,1-DICHLOROETHANE	2.816	63	39448	10.577	UG/L		99
26) VINYL ACETATE	2.875	43	526714	105.304	UG/L	#	92
27) DI ISOPROPYL ETHER	2.894	45	76776	11.444	UG/L		90
28) 2-BUTANONE	3.433	43	124307	96.047	UG/L		95
29) T-BUTYL ETHYL ETHER	3.268	59	73466	11.506	UG/L		97
30) CIS-1,2-DICHLOROETHENE	3.405	61	36698	10.485	UG/L		97
31) 2,2-DICHLOROPROPANE	3.402	77	29294	12.533	UG/L		99
32) ETHYL ACETATE	3.508	43	25218	8.280	UG/L		95
33) BROMOCHLOROMETHANE	3.644	128	10622	11.131	UG/L		96
34) TETRAHYDROFURAN	3.695	42	7780	10.221	UG/L	#	96
35) CHLOROFORM	3.734	83	39295	10.717	UG/L		100
36) 1,1,1-TRICHLOROETHANE	3.904	97	31969	10.901	UG/L		98
37) CYCLOHEXANE	3.954	56	34331	10.880	UG/L		97
38) CARBON TETRACHLORIDE	4.068	117	26119	10.618	UG/L		100
39) 1,1-DICHLOROPROPENE	4.074	75	29406	10.968	UG/L		99
40) BENZENE	4.277	78	79966	9.680	UG/L		98
41) T-AMYLMETHYL ETHER	4.409	73	60260	11.488	UG/L		95
44) 1,2-DICHLOROETHANE	4.303	62	38862	11.592	UG/L		99
45) TRICHLOROETHENE	4.922	95	20271	10.236	UG/L		98
46) METHYLCYCLOHEXANE	5.103	83	22788	12.196	UG/L		96
47) 1,2-DICHLOROPROPANE	5.142	63	21360	10.314	UG/L		98
48) DIBROMOMETHANE	5.253	93	14008	10.819	UG/L		98
49) 1,4-DIOXANE	5.301	88	2057	107.879	UG/L		95
50) BROMODICHLOROMETHANE	5.426	83	26756	10.691	UG/L		98
52) MIBK	6.040	43	250544	102.602	UG/L	#	91
53) CIS-1,3-DICHLOROPROPENE	5.867	75	31243	10.193	UG/L		96
54) TOLUENE	6.185	91	86295	10.261	UG/L		97
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	29162	10.350	UG/L		99

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210005.D Vial: 5
Acq On : 29 Jul 2013 11:50 am Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:01:13 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

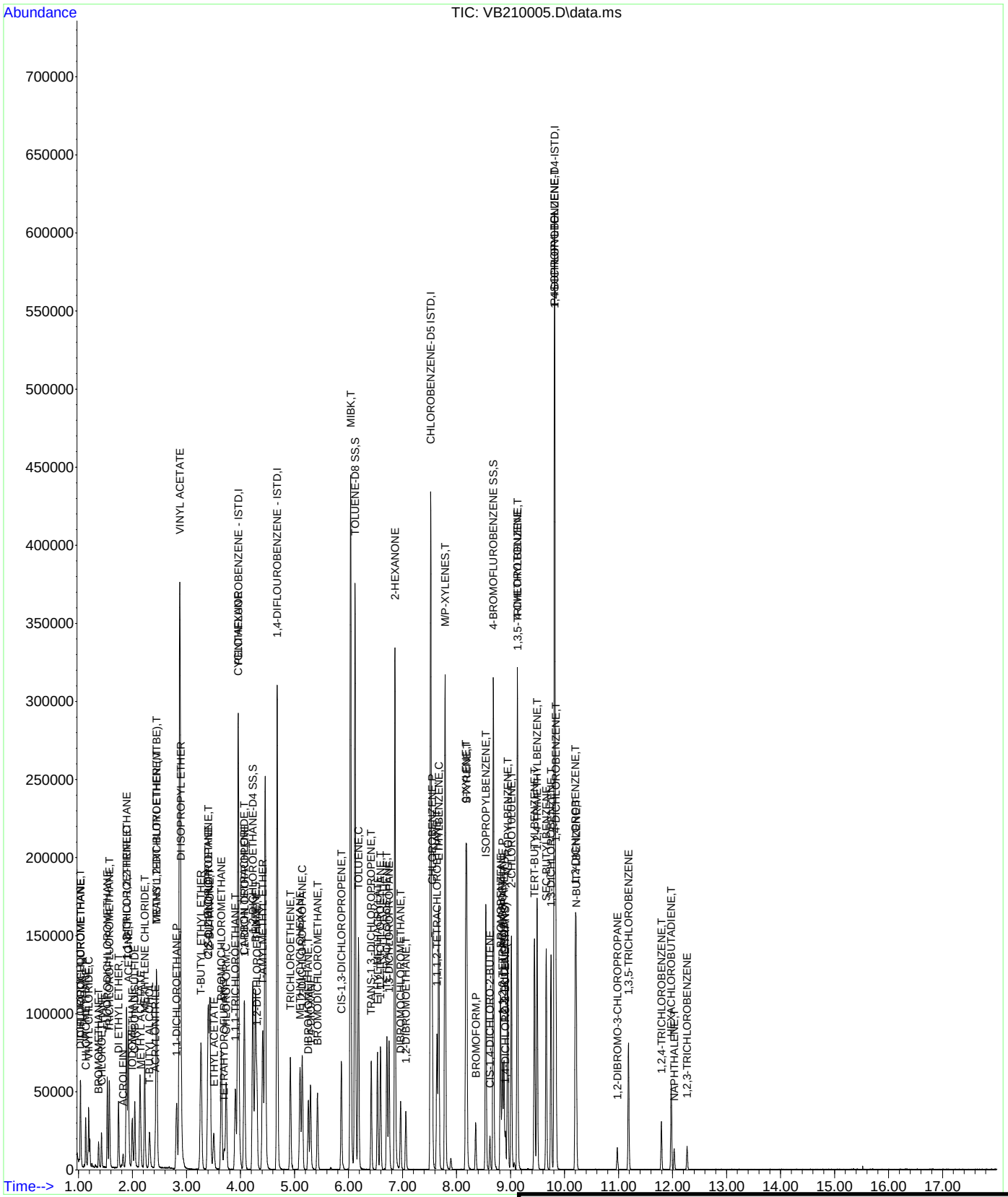
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) ETHYL METHACRYLATE	6.536	41	23007	10.237	UG/L		98
57) 1,1,2-TRICHLOROETHANE	6.592	97	19309	10.796	UG/L		99
58) 2-HEXANONE	6.860	43	178764	103.606	UG/L	#	93
59) TETRACHLOROETHENE	6.709	164	16872	11.081	UG/L		99
60) 1,3-DICHLOROPROPANE	6.751	76	36362	10.964	UG/L		97
61) DIBROMOCHLOROMETHANE	6.963	129	18734	10.089	UG/L		98
62) 1,2-DIBROMOETHANE	7.061	107	21739	10.925	UG/L		100
65) CHLOROBENZENE	7.549	112	60015	10.382	UG/L		98
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	20019	10.602	UG/L		98
67) ETHYLBENZENE	7.671	91	99917	10.223	UG/L		97
68) M/P-XYLENES	7.788	91	159692	20.915	UG/L		96
69) 0-XYLENE	8.173	91	84818	10.561	UG/L		96
70) STYRENE	8.187	104	66308	10.422	UG/L		98
71) BROMOFORM	8.357	173	11508	10.562	UG/L		99
72) ISOPROPYLBENZENE	8.541	105	95951	10.396	UG/L		97
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	4466	4.641	UG/L	#	75
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	26608	10.022	UG/L		100
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	5010	7.945	UG/L	#	79
76) BROMOBENZENE	8.815	77	41320	10.135	UG/L		98
77) 1,2,3-TRICHLOROPROPANE	8.881	110	9194	10.284	UG/L		80
78) N-PROPYLBENZENE	8.946	91	103785	10.413	UG/L		96
79) 2-CHLOROT0LUENE	9.015	91	72640	10.303	UG/L		95
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	82979	10.507	UG/L		96
81) 4-CHLOROTOLUENE	9.127	91	82895	10.468	UG/L		97
83) TERT-BUTYLBENZENE	9.445	119	62737	10.232	UG/L		99
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	83731	10.315	UG/L		98
85) SEC-BUTYLBENZENE	9.660	105	84909	10.329	UG/L		96
86) 1,3-DICHLOROBENZENE	9.749	146	46976	10.396	UG/L		99
87) P-ISOPROPYLTOLUENE	9.810	119	72508	10.405	UG/L		99
88) 1,4-DICHLOROBENZENE	9.838	146	47752	10.533	UG/L		99
89) N-BUTYLBENZENE	10.217	91	52073	9.695	UG/L		97
90) 1,2-DICHLOROBENZENE	10.201	146	46971	10.427	UG/L		98
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	3059	10.305	UG/L		92
92) 1,3,5-TRICHLOROBENZENE	11.185	180	22443	8.858	UG/L		98
93) 1,2,4-TRICHLOROBENZENE	11.793	180	8140	8.564	UG/L		100
94) HEXACHLOROBUTADIENE	11.977	225	10608	11.312	UG/L		97
95) NAPHTHALENE	12.030	128	9588	9.663	UG/L		98
96) 1,2,3-TRICHLOROBENZENE	12.270	180	4485	8.584	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210005.D Vial: 5
Acq On : 29 Jul 2013 11:50 am Operator:
Sample : B0-BS1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:01:13 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BSD1	File ID:	VB210006.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 12:21
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	110	4.7	50	
107-13-1	Acrylonitrile	8.06	0.58	5.0	V-05
994-05-8	tert-Amyl Methyl Ether (TAME)	11.1	0.091	0.50	
71-43-2	Benzene	9.54	0.079	1.0	
108-86-1	Bromobenzene	9.94	0.044	1.0	
74-97-5	Bromochloromethane	11.1	0.22	1.0	
75-27-4	Bromodichloromethane	10.4	0.088	1.0	
75-25-2	Bromoform	10.4	0.21	1.0	
74-83-9	Bromomethane	12.4	0.94	2.0	V-20
78-93-3	2-Butanone (MEK)	95.1	2.4	20	
75-65-0	tert-Butyl Alcohol (TBA)	95.8	2.2	20	V-16
104-51-8	n-Butylbenzene	9.80	0.054	1.0	
135-98-8	sec-Butylbenzene	10.3	0.084	1.0	
98-06-6	tert-Butylbenzene	10.2	0.096	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.3	0.075	0.50	
75-15-0	Carbon Disulfide	10.2	1.0	5.0	V-20
56-23-5	Carbon Tetrachloride	10.7	0.10	5.0	
108-90-7	Chlorobenzene	10.2	0.12	1.0	
124-48-1	Chlorodibromomethane	9.75	0.054	0.50	
75-00-3	Chloroethane	11.6	0.16	2.0	
67-66-3	Chloroform	10.8	0.14	2.0	
74-87-3	Chloromethane	7.72	0.32	2.0	
95-49-8	2-Chlorotoluene	9.97	0.070	1.0	
106-43-4	4-Chlorotoluene	10.5	0.074	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.88	0.34	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.7	0.080	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BSD1	File ID:	VB210006.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 12:21
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.6	0.070	1.0	
95-50-1	1,2-Dichlorobenzene	10.1	0.076	1.0	
541-73-1	1,3-Dichlorobenzene	10.4	0.079	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.046	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.76	0.12	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.91	0.12	2.0	
75-34-3	1,1-Dichloroethane	10.4	0.16	1.0	
107-06-2	1,2-Dichloroethane	11.3	0.19	1.0	
75-35-4	1,1-Dichloroethylene	11.6	0.21	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.4	0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.15	0.15	1.0	
78-87-5	1,2-Dichloropropane	10.3	0.11	1.0	
142-28-9	1,3-Dichloropropane	10.6	0.099	0.50	
594-20-7	2,2-Dichloropropane	12.1	0.072	1.0	V-20
563-58-6	1,1-Dichloropropene	11.0	0.13	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.80	0.062	1.0	
10061-02-6	trans-1,3-Dichloropropene	9.97	0.056	5.0	
60-29-7	Diethyl Ether	10.5	0.22	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.2	0.18	0.50	
123-91-1	1,4-Dioxane	95.2	26	50	V-16
100-41-4	Ethylbenzene	10.0	0.092	1.0	
87-68-3	Hexachlorobutadiene	10.9	0.17	1.0	
591-78-6	2-Hexanone (MBK)	102	1.5	10	
98-82-8	Isopropylbenzene (Cumene)	10.4	0.11	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.5	0.12	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.7	0.090	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13G0937
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B077818-BSD1	File ID:	VB210006.D
Sampled:		Prepared:	07/29/13 05:48	Analyzed:	07/29/13 12:21
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B077818	Sequence:	S004469	Calibration:	1300078
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	13.9	3.2	10	L-02, V-20
108-10-1	4-Methyl-2-pentanone (MIBK)	100	1.5	10	
91-20-3	Naphthalene	9.54	0.12	2.0	
103-65-1	n-Propylbenzene	10.3	0.094	1.0	
100-42-5	Styrene	10.2	0.12	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.4	0.12	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.88	0.12	0.50	
127-18-4	Tetrachloroethylene	11.0	0.080	1.0	
109-99-9	Tetrahydrofuran	10.0	1.1	10	
108-88-3	Toluene	9.94	0.090	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.39	0.14	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.44	0.12	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.37	0.14	5.0	V-05
71-55-6	1,1,1-Trichloroethane	10.9	0.094	1.0	
79-00-5	1,1,2-Trichloroethane	10.5	0.12	1.0	
79-01-6	Trichloroethylene	10.0	0.077	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	12.0	0.15	2.0	
96-18-4	1,2,3-Trichloropropane	10.2	0.12	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	12.0	0.092	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.3	0.18	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.5	0.10	1.0	
75-01-4	Vinyl Chloride	8.38	0.13	2.0	
108383/106423	m+p Xylene	20.6	0.18	2.0	
95-47-6	o-Xylene	10.3	0.11	1.0	

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210006.D Vial: 6
Acq On : 29 Jul 2013 12:21 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:02:18 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.957	168	138161	30.00	UG/L		0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	208674	30.00	UG/L		0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	113002	30.00	UG/L		0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	105309	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.224	65	78999	25.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.32%				
43) TOLUENE-D8 SS	6.121	98	204660	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%				
64) 4-BROMOFLUROBENZENE SS	8.681	95	87412	24.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	15630	6.906	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.040	51	25908	8.146	UG/L		99
5) CHLOROMETHANE	1.132	50	20529	7.724	UG/L		96
6) VINYL CHLORIDE	1.188	62	17225	8.376	UG/L		99
7) BROMOMETHANE	1.369	94	7809	12.371	UG/L		97
8) CHLOROETHANE	1.425	64	10903	11.655	UG/L		99
9) FLUORODICHLOROMETHANE	1.533	67	32596	10.868	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	30238	11.990	UG/L		100
12) DI ETHYL ETHER	1.740	59	16248	10.506	UG/L		91
13) ACROLEIN	1.823	56	4906	15.828	UG/L	#	92
14) ACETONE	1.921	43	78059	110.002	UG/L		95
15) 1,1-DICHLOROETHENE	1.888	61	28495	11.629	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	14880	12.029	UG/L		99
17) IODOMETHANE	1.994	142	23306	11.859	UG/L		99
18) METHYL ACETATE	2.152	43	17758	9.698	UG/L		96
19) T-BUTYL ALCOHOL	2.317	59	20511	95.835	UG/L		94
20) ACRYLONITRILE	2.420	53	7933	8.055	UG/L		98
21) METHYLENE CHLORIDE	2.225	49	32083	13.925	UG/L		94
22) CARBON DISULFIDE	2.041	76	36953	10.207	UG/L		94
23) METHYL TERT-BUTYL ETHE...	2.445	73	61194	10.665	UG/L		96
24) TRANS 1,2-DICHLOROETHENE	2.442	61	26685	9.151	UG/L		99
25) 1,1-DICHLOROETHANE	2.816	63	39380	10.451	UG/L		99
26) VINYL ACETATE	2.875	43	502803	99.497	UG/L	#	92
27) DI ISOPROPYL ETHER	2.894	45	75681	11.165	UG/L		90
28) 2-BUTANONE	3.432	43	124402	95.138	UG/L		96
29) T-BUTYL ETHYL ETHER	3.265	59	73163	11.341	UG/L		98
30) CIS-1,2-DICHLOROETHENE	3.402	61	36763	10.396	UG/L		97
31) 2,2-DICHLOROPROPANE	3.399	77	28539	12.086	UG/L		98
32) ETHYL ACETATE	3.505	43	23617	7.675	UG/L		98
33) BROMOCHLOROMETHANE	3.644	128	10669	11.066	UG/L		96
34) TETRAHYDROFURAN	3.695	42	7730	10.052	UG/L	#	96
35) CHLOROFORM	3.734	83	39906	10.773	UG/L		99
36) 1,1,1-TRICHLOROETHANE	3.904	97	32348	10.917	UG/L		97
37) CYCLOHEXANE	3.954	56	35435	11.115	UG/L		97
38) CARBON TETRACHLORIDE	4.065	117	26542	10.679	UG/L		99
39) 1,1-DICHLOROPROPENE	4.074	75	29666	10.952	UG/L		98
40) BENZENE	4.277	78	79608	9.538	UG/L		99
41) T-AMYLMETHYL ETHER	4.411	73	59020	11.136	UG/L		96
44) 1,2-DICHLOROETHANE	4.302	62	38535	11.260	UG/L		99
45) TRICHLOROETHENE	4.922	95	20256	10.020	UG/L		99
46) METHYLCYCLOHEXANE	5.103	83	23434	12.286	UG/L		96
47) 1,2-DICHLOROPROPANE	5.142	63	21682	10.256	UG/L		99
48) DIBROMOMETHANE	5.253	93	14029	10.614	UG/L		99
49) 1,4-DIOXANE	5.292	88	1852	95.145	UG/L		94
50) BROMODICHLOROMETHANE	5.424	83	26638	10.427	UG/L		98
52) MIBK	6.037	43	249265	99.995	UG/L	#	91
53) CIS-1,3-DICHLOROPROPENE	5.870	75	30676	9.804	UG/L		97
54) TOLUENE	6.185	91	85328	9.939	UG/L		98
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	28672	9.968	UG/L		98

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210006.D Vial: 6
Acq On : 29 Jul 2013 12:21 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:02:18 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M

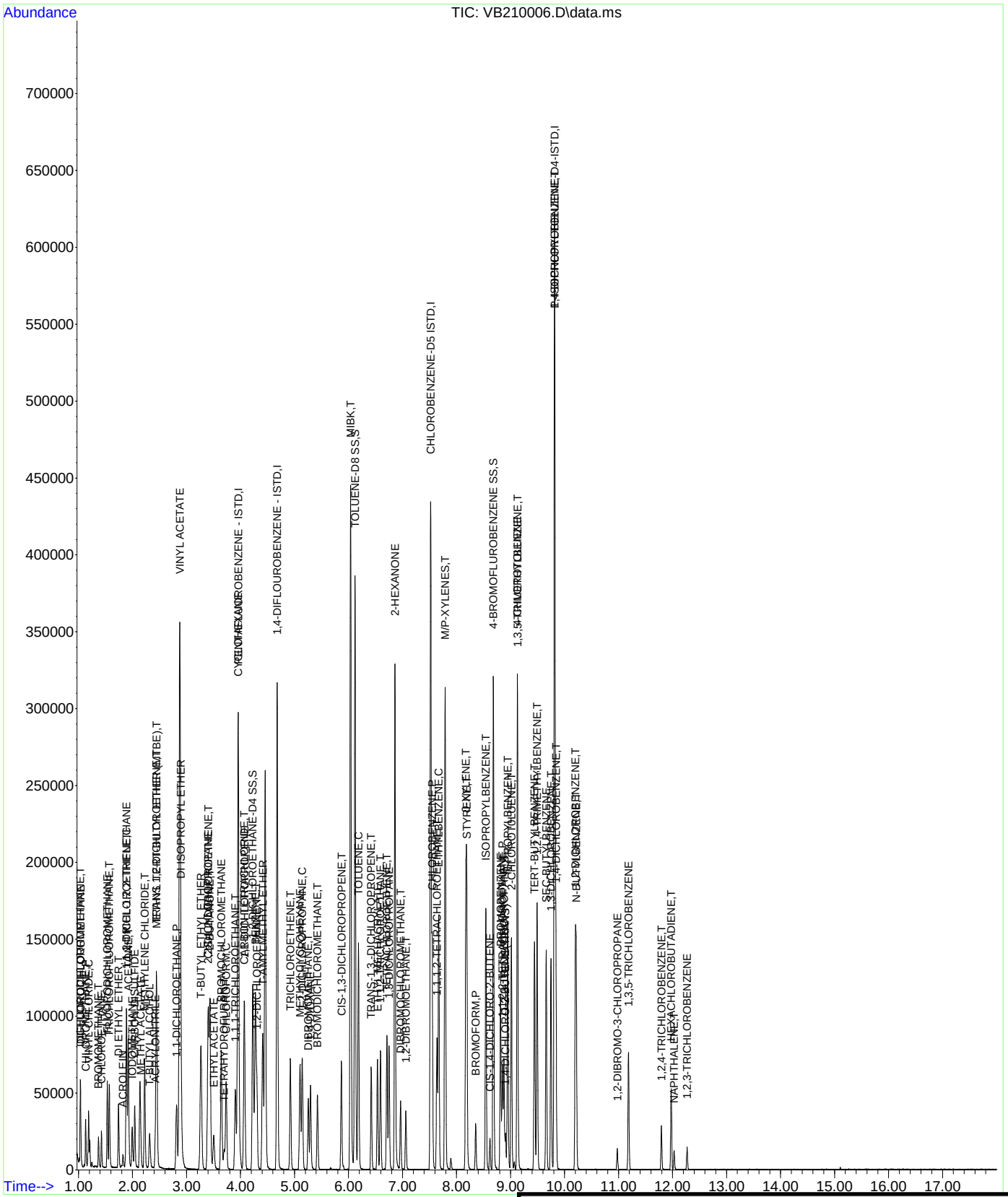
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) ETHYL METHACRYLATE	6.536	41	23351	10.178	UG/L		96
57) 1,1,2-TRICHLOROETHANE	6.592	97	19106	10.465	UG/L		98
58) 2-HEXANONE	6.860	43	179749	102.051	UG/L	#	92
59) TETRACHLOROETHENE	6.709	164	17032	10.958	UG/L		99
60) 1,3-DICHLOROPROPANE	6.748	76	35952	10.620	UG/L		97
61) DIBROMOCHLOROMETHANE	6.963	129	18310	9.746	UG/L		98
62) 1,2-DIBROMOETHANE	7.060	107	21650	10.658	UG/L		100
65) CHLOROBENZENE	7.548	112	59599	10.246	UG/L		97
66) 1,1,1,2-TETRACHLOROETHANE	7.635	131	19741	10.389	UG/L		98
67) ETHYLBENZENE	7.668	91	98731	10.038	UG/L		97
68) M/P-XYLENES	7.788	91	158297	20.603	UG/L		97
69) 0-XYLENE	8.173	91	83594	10.343	UG/L		97
70) STYRENE	8.190	104	65364	10.210	UG/L		99
71) BROMOFORM	8.354	173	11231	10.380	UG/L	#	96
72) ISOPROPYLBENZENE	8.541	105	96669	10.409	UG/L		97
73) CIS-1,4-DICHLORO-2-BUTENE	8.617	53	4109	4.244	UG/L	#	76
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	26404	9.883	UG/L		98
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	4824	7.757	UG/L	#	78
76) BROMOBENZENE	8.815	77	40798	9.945	UG/L		99
77) 1,2,3-TRICHLOROPROPANE	8.879	110	9210	10.237	UG/L		80
78) N-PROPYLBENZENE	8.948	91	103269	10.296	UG/L		97
79) 2-CHLOROT0LUENE	9.015	91	70734	9.970	UG/L		98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	83203	10.470	UG/L		97
81) 4-CHLOROTOLUENE	9.127	91	83366	10.461	UG/L		98
83) TERT-BUTYLBENZENE	9.445	119	63191	10.251	UG/L		99
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	83862	10.277	UG/L		97
85) SEC-BUTYLBENZENE	9.659	105	85479	10.344	UG/L		97
86) 1,3-DICHLOROBENZENE	9.749	146	47091	10.366	UG/L		99
87) P-ISOPROPYLTOLUENE	9.813	119	73615	10.508	UG/L		99
88) 1,4-DICHLOROBENZENE	9.841	146	48409	10.621	UG/L		98
89) N-BUTYLBENZENE	10.217	91	52933	9.803	UG/L		97
90) 1,2-DICHLOROBENZENE	10.200	146	45585	10.065	UG/L		100
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	2828	9.879	UG/L		91
92) 1,3,5-TRICHLOROBENZENE	11.182	180	21320	8.370	UG/L		100
93) 1,2,4-TRICHLOROBENZENE	11.796	180	7855	8.441	UG/L		96
94) HEXACHLOROBUTADIENE	11.974	225	10240	10.861	UG/L		98
95) NAPHTHALENE	12.027	128	8933	9.538	UG/L		94
96) 1,2,3-TRICHLOROBENZENE	12.270	180	4131	8.386	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : W:\DATA\072913\VB210006.D Vial: 6
Acq On : 29 Jul 2013 12:21 pm Operator:
Sample : B0-BSD1 Inst : GCMSVOA2
InstName : GCMSVOA2
Misc : Multiplr: 1.00
Quant Time: Jul 30 17:02:18 2013

Quant Method : C:\MSDCHEM\1\METHODS\B0723W13.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jul 24 11:45:13 2013
Response via : Initial Calibration
DataAcq Meth:B0723W13.M



con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

WET

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SAMPLE DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
MW-06-7-23-13

Laboratory:	Con-Test Analytical Laboratory	SDG:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-01
Sampled:	07/23/13 13:25		
% Solids:	90.90		

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	90.9			1		B077561	07/27/13 09:08	SM 2540G

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
B-55-07-23-13

Laboratory:	Con-Test Analytical Laboratory	SDG:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-03
Sampled:	07/23/13 16:10		
% Solids:	91.80		

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	91.8			1		B077561	07/27/13 09:08	SM 2540G

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FD-01-7-23-13

Laboratory:	Con-Test Analytical Laboratory	SDG:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Soil	Laboratory ID:	13G0937-04
Sampled:	07/23/13 00:00		
% Solids:	91.50		

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	91.5			1		B077561	07/27/13 09:08	SM 2540G

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM 2540G

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13G0937
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Batch:	B077561 Batch Matrix: Soil	Preparation:	% Solids

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-06-7-23-13	13G0937-01	07/26/13 19:51	5.00	5.00
B-55-07-23-13	13G0937-03	07/26/13 19:51	5.00	5.00
FD-01-7-23-13	13G0937-04	07/26/13 19:51	5.00	5.00

PREPARATION BENCH SHEET

B077561

Con-Test Analytical Laboratory

Printed: 8/21/2013 7:09:10PM

Matrix: Soil **Prepared using: ORGEXT - % Solids** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (g)	Final (g)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
13G0930-01	Solids, Percent by SM2540	07/26/13 19:51	5	5					Kleinfelder - NC	
13G0930-02	Solids, Percent by SM2540	07/26/13 19:51	5	5					Kleinfelder - NC	
13G0930-03	Solids, Percent by SM2540	07/26/13 19:51	5	5					Kleinfelder - NC	
13G0930-04	Solids, Percent by SM2540	07/26/13 19:51	5	5					Kleinfelder - NC	
13G0937-01	Solids, Percent by SM2540	07/26/13 19:51	5	5					CDM Smith, Inc. - NY	
13G0937-03	Solids, Percent by SM2540	07/26/13 19:51	5	5					CDM Smith, Inc. - NY	
13G0937-04	Solids, Percent by SM2540	07/26/13 19:51	5	5					CDM Smith, Inc. - NY	
13G0980-02	Solids, Percent by SM2540	07/26/13 19:51	5	5					SELEE Corp.	
13G0980-03	Solids, Percent by SM2540	07/26/13 19:51	5	5					SELEE Corp.	
13G0985-01	Solids, Percent by SM2540	07/26/13 19:51	5	5					Vertex Engineering - Weymout	
1032-01	Solids, Percent by SM2540	07/26/13 19:51	5	5					Superior Environmental	
1032-02	Solids, Percent by SM2540	07/26/13 19:51	5	5					Superior Environmental	
1032-03	Solids, Percent by SM2540	07/26/13 19:51	5	5					Superior Environmental	
1032-04	Solids, Percent by SM2540	07/26/13 19:51	5	5					Superior Environmental	
1071-01	Solids, Percent by SM2540	07/26/13 19:51	5	5					TRC Solutions - Lowell	2
1073-01	Solids, Percent by SM2540	07/26/13 19:51	5	5					Yankee Gas - Soil Mgmt.	
1081-01	Solids, Percent by SM2540	07/26/13 19:51	5	5					Yankee Gas - Soil Mgmt.	
7561-DUP1	QC	07/26/13 19:51	5	5		13G0930-01				
7561-DUP2	QC	07/26/13 19:51	5	5		13G1081-01				

ting Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

CON-TEST LABORATORY PERCENT SOLIDS

	TEMP IN: 104 °C								dried					dried	
analyst	sample#	dish		dish&sample		time	date	sample	dish&sample		time	date		sample	% solid
	B077561														
SMC	13G0930-01	1.030	g	7.723	g	21:47	07/26/2013	6.6930	6.223	g	08:45	07/27/2013		5.1930	77.6
SMC	13G0930-02	1.034	g	9.123	g	21:47	07/26/2013	8.0890	7.392	g	08:46	07/27/2013		6.3580	78.6
SMC	13G0930-03	1.036	g	8.006	g	21:47	07/26/2013	6.9700	6.814	g	08:46	07/27/2013		5.7780	82.9
SMC	13G0930-04	1.029	g	9.761	g	21:47	07/26/2013	8.7320	7.739	g	08:46	07/27/2013		6.7100	76.8
SMC	13G0937-01	1.019	g	10.388	g	21:48	07/26/2013	9.3690	9.539	g	08:47	07/27/2013		8.5200	90.9
SMC	13G0937-03	1.017	g	14.657	g	21:48	07/26/2013	13.6400	13.545	g	08:48	07/27/2013		12.5280	91.8
SMC	13G0937-04	1.025	g	12.980	g	21:48	07/26/2013	11.9550	11.964	g	08:48	07/27/2013		10.9390	91.5
SMC	13G0980-02	1.029	g	6.597	g	21:48	07/26/2013	5.5680	6.581	g	08:48	07/27/2013		5.5520	99.7
SMC	13G0980-03	1.028	g	16.336	g	21:48	07/26/2013	15.3080	12.601	g	08:48	07/27/2013		11.5730	75.6
SMC	13G0985-01	1.032	g	24.008	g	21:48	07/26/2013	22.9760	20.949	g	08:48	07/27/2013		19.9170	86.7
SMC	13G1032-01	1.031	g	16.371	g	21:48	07/26/2013	15.3400	14.774	g	08:48	07/27/2013		13.7430	89.6
SMC	13G1032-02	1.038	g	16.892	g	21:49	07/26/2013	15.8540	15.386	g	08:49	07/27/2013		14.3480	90.5
SI	13G1032-03	1.033	g	16.787	g	21:49	07/26/2013	15.7540	15.147	g	08:49	07/27/2013		14.1140	89.6
SI	13G1032-04	1.035	g	14.856	g	21:49	07/26/2013	13.8210	13.717	g	08:49	07/27/2013		12.6820	91.8
SI	13G01071-01	1.040	g	17.192	g	21:49	07/26/2013	16.1520	14.168	g	08:50	07/27/2013		13.1280	81.3
SI	13G1073-01	1.040	g	8.589	g	21:49	07/26/2013	7.5490	8.533	g	08:50	07/27/2013		7.4930	99.3
SI	13G1081-01	1.027	g	13.431	g	21:49	07/26/2013	12.4040	12.042	g	08:50	07/27/2013		11.0150	88.8
SI	DUP1(13G0930-01)	1.027	g	10.513	g	21:49	07/26/2013	9.4860	8.246	g	08:51	07/27/2013		7.2190	76.1
SI	DUP2(13G1081-01)	1.041	g	14.225	g	21:50	07/26/2013	13.1840	12.667	g	08:51	07/27/2013		11.6260	88.2