



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 952

Part I of III

Memphis Depot Dunn Field Volume 2

Off-Depot Groundwater Final Remedial Design



September 2008
(Rev. 1)



**U.S. Army Engineering
and Support Center, Huntsville**

U.S. Army Engineering and Support Center, Huntsville
Contract No. DACA87-02-D-0006
Task Order No. 10

Georgia Water Use and Conservation Profiles

Prepared For:

Georgia Department of Natural Resources
Environmental Protection Division



March 2008

Final Report



CH2MHILL

1000 Abernathy Road, Suite 1600
Atlanta, GA 30328



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Laboratory Report Number: L0709098

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box below at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

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This report was reviewed on September 27, 2007.

KATHY ALBERTSON - Team Chemist/Data Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on September 27, 2007.

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 250 pages.

Protecting Our Environmental Future



KEMRON REPORT L0709098
PREPARED FOR CH2MHILL, Inc
WORK ID: MEMPHIS TN

1.0 Introduction	3
2.0 Full Sample Data Package	6
2.1 Volatiles Data	7
2.1.1 Volatiles GCMS Data (8260)	8
2.1.1.1 Summary Data	9
2.1.1.2 QC Summary Data	15
2.1.1.3 Sample Data	70
2.1.1.4 Standards Data	80
2.1.1.5 Raw QC Data	173
2.2 General Chemistry Data	201
2.2.1 Percent Solids Data	202
2.2.1.1 Raw Data	203
2.2.2 Total Organic Carbon Data	207
2.2.2.1 Summary Data	208
2.2.2.2 QC Summary Data	212
2.2.2.3 Raw Data	220
3.0 Attachments	244

1.0 Introduction

LABORATORY REPORT

L0709098

952 6

09/27/07 09:45

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta, OH 45750
(740) 373-4071

For

Account Name: CH2MHILL, Inc
115 Perimeter Center West
Suite 700
Atlanta, GA 30346
Attention: David Nelson

Account Number: 2736
Work ID: MEMPHIS DEPOT

P.O. Number: 913707

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
MW234_SS-81	L0709098-01	09/06/2007 17:05	09/07/2007
TB-1_0906	L0709098-02	09/06/2007	09/07/2007

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0709098

CHAIN OF CUSTODY: The chain of custody number was 74046.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 4 degrees C.

SAMPLE MANAGEMENT: All samples received were intact.

L0709098-01 MW234_SS-81

L0709098-02 TB-1_0906

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Approved: 10-SEP-07

Kerry Gibson

2.0 Full Sample Data Package

2.1 Volatiles Data

2.1.1 Volatiles GCMS Data (8260)

2.1.1.1 Summary Data

KEMRON ENVIRONMENTAL SERVICES
GC/MS VOLATILE ORGANICS

952 12

KEMRON Login No.: L0709098

METHOD

Preparation: SW-846 5030B, 5035

Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Samples collected via 5035 preserved by freezing. Sample preparation preceeded normally.

CALIBRATION

Initial Calibration: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: All acceptance criteria were met.

Matrix Spike: The MS/MSD results were not associated with this sample delivery group (SDG), due to insufficient volume of sample. The laboratory included an LCS and LCS duplicate in the preparation batch in lieu of the NELAC prescribed MS/MSD. Kemron recommends site specific MS/MSD samples to avoid possible data qualifications.

SAMPLES

Internal Standards: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Samples: All acceptance criteria were met.

KEMRON laboratory management has identified four general cases with valid reasons supporting the use of manual integration techniques.

Reason #1: Data System Fails to Select Correct Peak

In some cases the chromatography system selects and integrates the "wrong peak". In this case the analyst must correct the selection and force the system to integrate the proper peak. Other times the system may miss the peak completely.

Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak.

This phenomena is common at low concentrations where the signal:noise ratio is low. A single compound (peak) is incorrectly split into multiple peaks or integrated as a main peak with one or more rider peaks resulting in low area counts for the target compound.

Reason #3: Improperly Integrated Isomers and/or coeluting compounds.

This system often fails to distinguish coeluting compounds and or isomers. The integration areas and concentrations are wrong, and they must be corrected by manual integration. Prime examples are benzo(k)fluoranthene and benzo(b)fluoranthene which are often unresolved and integrated improperly when both are present at low concentrations in standards or samples.

Reason #4: System Establishes Incorrect Baseline

There are numerous situations in chromatography where the system establishes the baseline incorrectly. Some baseline errors will be obvious to the analyst and should be corrected via manual procedures.

Reason #5: Miscellaneous

Other situations involving integration errors may require in-depth review and technical judgment. These cases should be brought to the attention of the laboratory management. If the form of manual integration is not clearly covered by these four cases, then review and approval by the Laboratory Director or the QA/QC Supervisor will be required.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: MES

Approved: 20-SEP-07



LABORATORY REPORT

952 14

L0709098

09/27/07 09:45

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta, OH 45750
(740) 373-4071

For

Account Name: CH2MHILL, Inc
115 Perimeter Center West
Suite 700
Atlanta, GA 30346
Attention: David Nelson

Account Number: 2736
Work ID: MEMPHIS DEPOT

P.O. Number: 913707

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
MW234_SS-81	L0709098-01	8260B	1	07-SEP-07
TB-1_0906	L0709098-02	8260B	1	07-SEP-07

Report Number: L0709098

Report Date : September 27, 2007

952 15

Sample Number: L0709098-01
 Client ID: MW234 SS-81
 Matrix: Soil
 Workgroup Number: WG250097
 Collect Date: 09/06/2007 17:05
 Sample Tag: 01

PrePrep Method: NONE
 Prep Method: 5030B
 Analytical Method: 8260B
 Analyst: MES
 Dilution: 1
 Units: ug/kg

Instrument: HPMS9
 Prep Date: 09/14/2007 19:46
 Cal Date: 08/14/2007 16:27
 Run Date: 09/14/2007 19:46
 File ID: 9MS6771
 Percent Solid: 82.7

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1		U	10.3	5.17
Benzene	71-43-2		U	1.03	0.517
Bromodichloromethane	75-27-4		U	2.07	0.517
Bromoform	75-25-2		U	5.17	0.517
Bromomethane	74-83-9		U	5.17	1.03
2-Butanone	78-93-3		U	5.17	2.58
Carbon disulfide	75-15-0		U	5.17	0.517
Carbon tetrachloride	56-23-5		U	5.17	0.517
Chlorobenzene	108-90-7		U	5.17	0.517
Chlorodibromomethane	124-48-1		U	2.07	0.517
Chloroethane	75-00-3		U	5.17	1.03
Chloroform	67-66-3		U	2.07	0.517
Chloromethane	74-87-3		U	5.17	2.07
1,1-Dichloroethane	75-34-3		U	2.07	1.03
1,2-Dichloroethane	107-06-2		U	2.07	0.517
1,1-Dichloroethene	75-35-4		U	5.17	0.517
cis-1,2-Dichloroethene	156-59-2		U	5.17	0.517
trans-1,2-Dichloroethene	156-60-5		U	2.07	0.517
1,2-Dichloropropane	78-87-5		U	2.07	0.517
cis-1,3-Dichloropropene	10061-01-5		U	2.07	0.517
trans-1,3-Dichloropropene	10061-02-6		U	2.07	0.517
Ethylbenzene	100-41-4		U	1.03	0.517
2-Hexanone	591-78-6		U	5.17	2.58
Methylene chloride	75-09-2		U	5.17	1.03
MIBK (methyl isobutyl ketone)	108-10-1		U	5.17	2.58
Styrene	100-42-5		U	2.07	0.517
1,1,2,2-Tetrachloroethane	79-34-5		U	2.07	0.517
Tetrachloroethene	127-18-4		U	5.17	0.517
Toluene	108-88-3		U	1.03	0.517
1,1,1-Trichloroethane	71-55-6		U	2.07	0.517
1,1,2-Trichloroethane	79-00-5		U	5.17	0.517
Trichloroethene	79-01-6		U	5.17	0.517
Vinyl chloride	75-01-4		U	2.07	1.03
o-Xylene	95-47-6		U	1.03	0.517
m-,p-Xylene	136777-61-2		U	1.03	0.517
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	102	80	120		
1,2-Dichloroethane-d4	86.2	80	120		
Toluene-d8	113	81	117		
4-Bromofluorobenzene	116	74	121		

U Not detected at or above adjusted sample detection limit

Report Number: L0709098

Report Date : September 27, 2007

952 16

Sample Number: L0709098-02
 Client ID: TB-1 0906
 Matrix: Water
 Workgroup Number: WG249716
 Collect Date: 09/06/2007 00:01
 Sample Tag: 01

PrePrep Method: NONE
 Prep Method: 5030B
 Analytical Method: 8260B
 Analyst: MES
 Dilution: 1
 Units: ug/L

Instrument: HPMS11
 Prep Date: 09/10/2007 17:31
 Cal Date: 09/05/2007 19:51
 Run Date: 09/10/2007 17:31
 File ID: 11M45330

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1		U	5.00	2.50
Benzene	71-43-2		U	1.00	0.125
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	5.00	2.50
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3	0.376	J	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	5.00	2.50
4-Methyl-2-pentanone	108-10-1		U	5.00	2.50
Methylene chloride	75-09-2		U	1.00	0.250
Styrene	100-42-5		U	1.00	0.125
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	89.5	86	118		
1,2-Dichloroethane-d4	91.5	80	120		
Toluene-d8	93.6	88	110		
4-Bromofluorobenzene	96.2	86	115		

U Not detected at or above adjusted sample detection limit

J The analyte was positively identified, but the quantitation was below the RL

2.1.1.2 QC Summary Data

Example 8260 Calculations

1.0 Calculating the Response Factor (RF) from the initial calibration (ICAL) data:

$$RF = [(Ax) (Cis)] / [(Ais) (Cx)]$$

where:

Ax = Area of the characteristic ion for the compound being measured:	3399156
Cis = Concentration of the specific internal standard (ug/mL)	25
Ais = Area of the characteristic ion of the specific internal standard	846471
Cx = Concentration of the compound in the standard being measured (ug/mL)	100
RF = Calculated Response Factor	1.0039

Example

2.0 Calculating the concentration (C) of a compound in water using the average RF: *

$$Cx = [(Ax) (Cis) (Vn)(D)] / [(Ais) (RF) (Vs)]$$

where:

Ax = Area of the characteristic ion for the compound being measured	3122498
Cis = Concentration of the specific internal standard (ug/L)	25
D = Dilution factor for sample as a multiplier (10x = 10)	1
Ais = Area of the characteristic ion of the specific internal standard	611048
RF = Average RF from the ICAL	1.004
Vs = Purge volume of sample (mL)	10
Vn = Nominal purge volume of sample (mL) (10.0 mL)	10
Cx = Concentration of the compound in the sample being measured (ug/L)	127.2428

Example

3.0 Calculating the concentration (C) of a compound in soil using the average RF: *

$$Cx = [(Ax) (Cis) (Wn)(D)] / [(Ais) (RF) (Ws)]$$

where:

Ax = Area of the characteristic ion for the compound being measured	3122498
Cis = Concentration of the specific internal standard (ug/L)	25
D = Dilution factor for sample as a multiplier (10x = 10)	1
Ais = Area of the characteristic ion of the specific internal standard	611048
RF = Average RF from the ICAL	1.004
Ws = Weight of sample purged (g)	5
Wn = Nominal purge weight (g) (5.0 g)	5
Cx = Concentration of the compound in the sample being measured (ug/L)	127.2428

Example

Dry weight correction:

Percent solids (PCT_S)	50
Cd = (Cx) (100)/PCT_S	254.4856

* Concentrations appearing on the instrument quantitation reports are on-column results and do not take into account initial volume, final volume, and the dilution factor.

4.0 Concentration from Linear Regression

Step 1: Retrieve Curve Data From Plot, $y = mx + b$

y = response ratio = response of analyte / response of IS = Ax/Ais

x = amount ratio = concentration analyte/concentration internal standard = Cx / Cis

m = slope from curve = 0.213

b = intercept from curve = - 0.00642

Step 2: Calculate y from Quantitation Report

$$y = 86550/593147 = 0.1459$$

Step 3: Solve for x

$$x = (y - b)/m = [(0.1459 - (-0.00642))/0.213] = 0.7152$$

Step 4: Solve for analyte concentration Cx

$$Cx = Cis (x) = (25.0)(0.7152) = 17.88$$

Example Spreadsheet Calculation:

Slope from curve, m:	0.213
Intercept from curve, b:	-0.00642
Area of analyte, Ax:	86550
Area of Internal Standard, Ais:	593147
Concentration of IS, Cis	25.00
Response Ratio:	0.145917
Amount Ratio:	0.715195
Concentration:	17.87988
Units of Internal Standard:	ug/L

5.0 Concentration from Quadratic Regression**Step 1 - Retrieve Curve Data from Plot, $y = Ax^2 + Bx + C$**

Where:

$$Ax^2 + Bx + (C - y) = 0$$

A, B, C = constants from the ICAL quadratic regression

y = Response ratio = Area of analyte/Area of internal standard (IS)

x = Amount ratio = Concentration of analyte/concentration of IS

Step 2: Calculate y from Quantitation Report

$$y = Ax/Ais$$

Step 3: Solve for x using the quadratic formula

$$Ax^2 + Bx + C - y = 0$$

$$x = \frac{-b \pm \sqrt{b^2 - 4a(c - y)}}{2a} \quad \left\{ \begin{array}{l} \text{Two possible solutions} \end{array} \right.$$

Step 4: Solve for analyte concentration Cx

$$Cx = (Cis)(\text{Amount ratio})$$

Example Spreadsheet Calculation:

Value of A from plot:	-0.00629
Value of B from plot:	0.511
Value of C from plot:	-0.0276
Area of unknown from quantitation report:	293821
Area of IS from quantitation report:	784848
Response ratio, y:	0.374367
C - y:	-0.40197
Root 1 - Computed amount ratio, X1:	80.44567
Root 2 - Computed amount ratio, X2:	0.794396 use this solution
Concentration of IS, Cis:	25.00
Concentration of analyte, Cx:	19.86 ug/L

VOA Preparation/Preservation and Extraction Log

Analyst: KTW

Date Prepared/Preserved: 9/14/07

Method: 8260

Sample #	Fraction ID	Date Collected	Time Collected	Time Preserved	Tare Wt. (g)	Total Wt. (g)	Sample Wt. (g)	Water Vol. (mL)	Methanol Vol. (mL)	Comments	Team Notified
L0709148-01	A	9/7/07	NA	NA	NA	NA	4.84	S	NA		
L0709248-01	A	9/12/07	NA	NA	NA	NA	1.01	S	NA		
L0709098-01	A	9/16/07	NA	NA	30.37	36.22	5.85	NA	NA	S-pres in field	
L0709321-05	A	9/13/07	11:20	15:35	NA	NA	5.42	S	-	S	
	B						5.22	S	-		
	C						4.97	-	10		
-06	A		11:20	15:40			*	S	-		
	B						5.35	S	-		
	C						5.13	-	10		
-07	A		11:20	15:45			5.01	S	-		
	B						4.95	S	-		
	C						5.12	-	10		
-08	A		11:20	15:50			5.36	S	-		
	B						5.30	S	-		
	C						5.28	-	10		
Blank	A	NA	NA	NA	NA	NA	S	S	-		
	B							S	-		
	C							S	-		
L0709323-01	A	9/13/07	13:40	15:55	NA	NA	6.27	S	-	S	
	B						6.10	S	-		
	C						6.65	-	10		

Comments:

1 = improperly sealed cap
2 = preserved out of hold
(past 48 hours from time of collection)

3 = effervesced

4 = preserved with NaHSO4 (sodium bisulfate)

5 = preserved by freezing

* H₂O added before weighing → use B vial 1st

Methanol (Manufacturer, Lot #)

B4J C7981

NaHSO4 (Manufacturer, Lot #)

Reviewed by:

952

20

KEMRON Environmental Services Instrument Run Log

952 21

Instrument: HPMS9	Dataset: 081407	
Analyst1: MES	Analyst2: NA	
Method: 8260B	SOP: MSV01	Rev: 10
Method: 5030/5035	SOP: PAT01	Rev: 10

Maintenance Log ID: 20451

Internal Standard: STD20987	Surrogate Standard: STD20761	
CCV: STD21325	LCS: STD21327	MS/MSD: NA

Column 1 ID: RTX502 2	Column 2 ID: NA

Workgroups: WG247666, WG247667

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M56000	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 08:33
2	9M56001	WG247666-02 50UG/L STD 8260	NA	7	1	STD21079	08/14/07 09:03
3	9M56002	WG247666-02 50UG/L STD 8260	NA	7	1	STD21079	08/14/07 09:37
4	9M56003	SYSTEM BLANK	NA	7	1		08/14/07 10:09
33	9M56004	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 10:37
34	9M56005	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 10:49
35	9M56006	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 11:05
5	9M56007	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 11:19
6	9M56008	WG247666-02 0.5ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 11:42
7	9M56009	WG247666-03 1 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 12:13
8	9M56010	WG247666-04 2 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 12:49
9	9M56011	WG247666-05 5 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 13:19
10	9M56012	WG247666-06 10 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 13:51
11	9M56013	WG247666-07 20 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 14:22
12	9M56014	WG247666-08 50 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 14:53
13	9M56015	WG247666-09 100 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 15:24
14	9M56016	WG247666-10 200 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 15:55
15	9M56017	WG247666-11 300 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 16:27
16	9M56018	SYSTEM BLANK	NA	7	1		08/14/07 16:58
17	9M56019	WG247666-12 20ug/Kg ALT SOURCE	NA	7	1	STD21327	08/14/07 17:29
18	9M56020	WG247666-12 20ug/Kg ALT SOURCE	NA	7	1	STD21327	08/14/07 18:01
19	9M56021	WG247666-13 100ug/Kg OXY ALT SOURC	NA	7	1	STD21327	08/14/07 18:32
20	9M56022	WG247667-01 VBLK0814 BLANK 8260	NA	7	1		08/14/07 19:03
21	9M56023	WG247667-02 20ug/Kg LCS 8260	NA	7	1	STD21327	08/14/07 19:33
22	9M56024	WG247667-03 20ug/Kg LCSDUP 8260	NA	7	1	STD21327	08/14/07 20:04
23	9M56025	L0708111-16 B 826-SPE	NA	7	1		08/14/07 20:35
24	9M56026	L0708111-17 B 826-SPE	NA	7	1		08/14/07 21:06
25	9M56027	L0708204-01 A 826-SPE	NA	7	1		08/14/07 21:37
26	9M56028	L0708204-04 A 826-SPE	NA	7	1		08/14/07 22:08
27	9M56029	L0708206-05 A 8260	NA	7	1		08/14/07 22:39
28	9M56030	L0708206-06 A A1 8260	NA	7	1		08/14/07 23:10
29	9M56031	SYSTEM BLANK	NA	7	1		08/14/07 23:41
30	9M56032	L0707659-06 A 826-REF-BLK	NA	7	1		08/15/07 00:12
31	9M56033	L0707659-07 A 826-REF-BLK	NA	7	1		08/15/07 00:44

Approved: August 16, 2007

Page: 1



952 22

KEMRON Environmental Services
Instrument Run Log

Instrument: HPMS9 Dataset: 081407
 Analyst1: MES Analyst2: NA
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID 20451

Internal Standard: STD20987 Surrogate Standard: STD20761
 CCV: STD21325 LCS: STD21327 MS/MSD: NA
 Column 1 ID: RTX502.2 Column 2 ID: NA
 Workgroups: WG247666, WG247667

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
32	9M56034	L0707659-08 A 826-REF-BLK	NA	7	1		08/15/07 01:15

Comments

Seq	Rerun	Dil	Reason	Analytes
2				
File ID: 9M56001				
			RR, vc is high.	
3				
File ID: 9M56002				
			RR, vc is high. Running a curve.	
33				
File ID: 9M56004				
			RR, BFB failed.	
34				
File ID: 9M56005				
			RR, BFB failed. Replaced the septum	
35				
File ID: 9M56006				
			RR, BFB failed	
17				
File ID: 9M56019				
			Do not report.	
26	X	100	Over Calibration Range	TEX, n-propyl, 135 and 124-TMB, n-butyl, naph
File ID: 9M56028				
27	X	1	Carry-over contamination	
File ID: 9M56029				
			Do not report.	
28				
File ID: 9M56030				
			RR as 00	

Approved: August 16, 2007



Page: 2

KEMRON Environmental Services Instrument Run Log

952 23

Instrument: HPMS11 Dataset: 090507
 Analyst1: MES Analyst2: NA
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20749

Internal Standard: STD21253 Surrogate Standard: STD21736
 CCV: STD21737 LCS: STD21763 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG249372

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	11M45197	SYSTEM BLANK	NA	1	1		09/05/07 08:27
2	11M45198	std	NA	1	1		09/05/07 09:04
3	11M45199	std	NA	1	1		09/05/07 09:45
4	11M45200	SYSTEM BLANK	NA	1	1		09/05/07 10:19
5	11M45201	SYSTEM BLANK	NA	1	1		09/05/07 10:50
6	11M45202	WG249372-01 50NG BFB STD 8260	NA	1	1	STD21685	09/05/07 11:36
7	11M45203	WG249372-02 0.3ug/L WATER STD 8260	NA	1	1	STD21694	09/05/07 11:58
8	11M45204	WG249372-03 0.4 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 12:28
9	11M45205	WG249372-04 1 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 12:59
10	11M45206	WG249372-01 50ng BFB STD 8260	NA	1	1	STD21685	09/05/07 13:28
11	11M45207	WG249372-02 0.3 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 13:51
12	11M45208	WG249372-03 0.4 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 14:21
13	11M45209	WG249372-04 1 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 14:51
14	11M45210	WG249372-05 2 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 15:21
15	11M45211	WG249372-06 5 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 15:51
16	11M45212	WG249372-07 20 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 16:21
17	11M45213	WG249372-08 50 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 16:51
18	11M45214	WG249372-09 100 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 17:21
19	11M45215	WG249372-10 200 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 17:51
20	11M45216	SYSTEM BLANK	NA	1	1		09/05/07 18:21
21	11M45217	SYSTEM BLANK	NA	1	1		09/05/07 18:51
22	11M45218	SYSTEM BLANK	NA	1	1		09/05/07 19:21
23	11M45219	WG249372-03 0.4ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 19:51
24	11M45220	WG249372-11 20ug/L ALT SOURCE	NA	1	1	STD21669	09/05/07 20:21

Comments

Seq.	Rerun	Dil.	Reason	Analytes
9				
File ID: 11M45205				
Restarting curve-adjusting scan ratio.				
12				
File ID: 11M45208				
Do not report.				
24				

Approved: September 10, 2007

Page: 1

Signature

952 24

KEMRON Environmental Services
Instrument Run Log

Instrument: HPMS11 Dataset: 090507
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20749

Internal Standard: STD21253 Surrogate Standard: STD21736
CCV: STD21737 LCS: STD21763 MS/MSD: NA
Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG249372

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 11M45220				
Do not report-bromomethane is high				

Approved: September 10, 2007



Page: 2

KEMRON Environmental Services Instrument Run Log

952 25

Instrument: HPMS11 Dataset: 090607
 Analyst1: MES Analyst2: FJB
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 624 SOP: MSV10 Rev: 9
 Method: 5030/5035 SOP: PAT01 Rev: 10
 Maintenance Log ID: 20766

Internal Standard: STD21253 Surrogate Standard: STD21736
 CCV: STD21737 LCS: STD21763 MS/MSD: NA
 Column 1 ID: RTX502.2 Column 2 ID: NA
 Workgroups: WG249484, WG249372

Comments: _____

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	11M45222	SYSTEM BLANK	NA	1	1		09/06/07 09:59
2	11M45223	SYSTEM BLANK	NA	1	1		09/06/07 10:44
3	11M45224	WG249483-01 50ng BFB STD 8260	NA	1	1	STD21685	09/06/07 12:22
4	11M45225	WG249483-01 50ug/L STD 8260	NA	1	1	STD21737	09/06/07 12:45
5	11M45226	WG249483-01 50ug/L STD 8260	NA	1	1	STD21737	09/06/07 13:20
6	11M45227	SYSTEM BLANK	NA	1	1		09/06/07 13:50
7	11M45228	WG249372-11 20ug/L ALT SOURCE	NA	1	1	STD21669	09/06/07 14:21
8	11M45229	WG249484-01 VBLK0906 BLANK 8260	NA	1	1		09/06/07 14:51
9	11M45230	WG249484-02 20ug/L LCS STD 8260	NA	1	1	STD21763	09/06/07 15:21
10	11M45231	WG249484-03 20ug/L LCSDUP STD 8260	NA	1	1	STD21763	09/06/07 15:51
11	11M45232	L0708788-24 A 826-SPE	<2	1	1		09/06/07 16:21
12	11M45233	L0708788-25 A 826-SPE	<2	1	1		09/06/07 16:51
13	11M45234	L0708788-26 A 826-SPE	<2	1	1		09/06/07 17:21
14	11M45235	L0708788-27 A 826-SPE	<2	1	1		09/06/07 17:52
15	11M45236	L0708729-02 A 826-LOW	<2	1	1		09/06/07 18:22
16	11M45237	L0708729-01 A 826-LOW	<2	1	1		09/06/07 18:52
17	11M45238	L0708844-14 A 826-SPE	<2	1	1		09/06/07 19:22
18	11M45239	L0708844-15 A 826-SPE	<2	1	1		09/06/07 19:52
19	11M45240	L0708844-16 A 826-SPE	<2	1	1		09/06/07 20:22
20	11M45241	L0708844-17 A 826-SPE	<2	1	1		09/06/07 20:52
21	11M45242	L0708844-18 A 826-SPE	<2	1	1		09/06/07 21:22
22	11M45243	L0708844-19 A 826-SPE	<2	1	1		09/06/07 21:52
23	11M45244	L0708844-20 A 826-SPE	<2	1	1		09/06/07 22:23
24	11M45245	L0708844-21 A 826-SPE	<2	1	1		09/06/07 22:53
25	11M45246	L0708844-22 A 826-SPE	<2	1	1		09/06/07 23:23
26	11M45247	SYSTEM BLANK	NA	1	1		09/06/07 23:53
27	11M45248	WG249484-04 624 BLANK	NA	1	1		09/07/07 00:23
28	11M45249	L0709035-01 A 624-SPE	7	2	1		09/07/07 00:53
29	11M45250	L0709035-02 A 624-SPE	7	2	1		09/07/07 01:23

Comments

Seq.	Rerun	Dil	Reason	Analytes
22	X	25	Over Calibration Range	BETX,124-TMB,naph

Approved: September 12, 2007

Page: 1

[Signature]

952 26

KEMRON Environmental Services
Instrument Run Log

Instrument: HPMS11 Dataset: 090607
 Analyst1: MES Analyst2: FJB
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 624 SOP: MSV10 Rev: 9
 Method: 5030/5035 SOP: PAT01 Rev: 10
 Maintenance Log ID: 20766

Internal Standard: STD21253 Surrogate Standard: STD21736
 CCV STD21737 LCS: STD21763 MS/MSD: NA
 Column 1 ID RTX502 2 Column 2 ID: NA
 Workgroups: WG249484, WG249372

Comments

Seq.	Rerun	Dil	Reason	Analytes
File ID: 11M45243				
24	X	1	Carry-over contamination	
File ID: 11M45245				
Do not report.				
25	X	1	Carry-over contamination	
File ID: 11M45246				
Do not report				

Approved. September 12, 2007



Page: 2

KEMRON Environmental Services

Instrument Run Log

952 27

Instrument: HPMS11 Dataset: 091007
 Analyst1: MES Analyst2: NA
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20823

Internal Standard: STD21253 Surrogate Standard: STD21736
 CCV: STD21737 LCS: STD21763 MS/MSD: NA
 Column 1 ID: RTX502 2 Column 2 ID: NA
 Workgroups: WG249716

Comments

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	11M45314	SYSTEM BLANK	NA	1	1		09/10/07 08:34
2	11M45315	SYSTEM BLANK	NA	1	1		09/10/07 09:04
3	11M45316	SYSTEM BLANK	NA	1	1		09/10/07 09:34
4	11M45317	SYSTEM BLANK	NA	1	1		09/10/07 10:04
5	11M45318	SYSTEM BLANK	NA	1	1		09/10/07 11:37
6	11M45319	SYSTEM BLANK	NA	1	1		09/10/07 12:27
7	11M45320	SYSTEM BLANK	NA	1	1		09/10/07 12:58
8	11M45321	WG249715-01 50ng BFB STD 8260	NA	1	1	STD21685	09/10/07 13:24
9	11M45322	WG249715-01 50ng BFB STD 8260	NA	1	1	STD21685	09/10/07 13:37
10	11M45323	WG249715-02 50ug/L STD 8260	NA	1	1	STD21737	09/10/07 14:00
11	11M45324	WG249716-01 VBLK0910 BLANK 8260	NA	1	1		09/10/07 14:30
12	11M45325	WG249716-01 VBLK0910 BLANK 8260	NA	1	1		09/10/07 15:01
13	11M45326	WG249716-02 20ug/L LCS STD 8260	NA	1	1	STD21763	09/10/07 15:31
14	11M45327	WG249716-03 20ug/L LCS DUP STD 8260	NA	1	1	STD21763	09/10/07 16:01
15	11M45328	L0709114-04 A 826-SPE	<2	1	1		09/10/07 16:31
16	11M45329	L0709102-04 A 826-LOW	<2	1	1		09/10/07 17:01
17	11M45330	L0709098-02 A 826-SPE	<2	1	1		09/10/07 17:31
18	11M45331	L0709153-01 A 826-SPE	<2	1	1		09/10/07 18:01
19	11M45332	L0709153-14 A 826-SPE	<2	1	1		09/10/07 18:31
20	11M45333	L0709119-01 A 826-SPE	<2	1	1		09/10/07 19:01
21	11M45334	L0709119-02 A 826-SPE	<2	1	1		09/10/07 19:31
22	11M45335	L0709119-03 A 826-SPE	<2	1	1		09/10/07 20:02
23	11M45336	L0709119-04 A 826-SPE	<2	1	1		09/10/07 20:32
24	11M45337	L0709119-05 A 826-SPE	<2	1	1		09/10/07 21:02
25	11M45338	L0709102-01 A 826-LOW	<2	1	1		09/10/07 21:32
26	11M45339	L0709052-04 A 826-SPE	<2	1	1		09/10/07 22:02
27	11M45340	L0709052-05 A 826-SPE	<2	1	1		09/10/07 22:32
28	11M45341	L0709052-06 A 826-SPE	<2	1	1		09/10/07 23:02
29	11M45342	L0709114-01 25X A 826-SPE	<2	1	25		09/10/07 23:32
30	11M45343	L0709114-02 2X A,B 826-SPE	<2	1	2		09/11/07 00:02
31	11M45344	L0709114-03 A 826-SPE	<2	1	1		09/11/07 00:32
32	11M45345	L0709103-01 A 826-LOW	<2	1	1		09/11/07 01:02
33	11M45346	SYSTEM BLANK	NA	1	1		09/11/07 01:32
34	11M45347	SYSTEM BLANK	NA	1	1		09/11/07 02:02

Approved: September 13, 2007

Page: 1

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952 28

KEMRON Environmental Services
Instrument Run Log

Instrument: HPMS11 Dataset: 091007
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20823

Internal Standard: STD21253 Surrogate Standard: STD21736
CCV: STD21737 LCS: STD21763 MS/MSD: NA
Column 1 ID: RTX502 2 Column 2 ID: NA
Workgroups: WG249716

Comments

Seq.	Rerun	Dil	Reason	Analytes
8				
File ID: 11M45321				
RR, BFB failed.				

Approved September 13, 2007



Page: 2

KEMRON Environmental Services Instrument Run Log

952 29

Instrument: HPMS9 Dataset: 091407
 Analyst1: MES Analyst2: NA
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20897

Internal Standard: STD21667 Surrogate Standard: STD21796
 CCV: STD21828 LCS: STD21763 MS/MSD: NA
 Column 1 ID: RTX502.2 Column 2 ID: NA
 Workgroups: WG250097

Comments

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M56749	SYSTEM BLANK	NA	7	1		09/14/07 08:34
2	9M56750	WG250096-01 50NG BFB STD 8260	NA	7	1	STD21685	09/14/07 09:07
3	9M56751	WG250096-02 50ug/Kg SOIL STD 8260	NA	7	1	STD21828	09/14/07 09:31
4	9M56752	WG250096-02 50ug/Kg SOIL STD 8260	NA	7	1	STD21828	09/14/07 10:03
5	9M56753	WG250097-01 VBLK0914 BLANK 8260	NA	7	1		09/14/07 10:34
6	9M56754	WG250097-02 20ug/Kg LCS 8260	NA	7	1	STD21763	09/14/07 11:05
7	9M56755	WG250097-03 20ug/Kg LCSDUP 8260	NA	7	1	STD21763	09/14/07 11:36
8	9M56756	L0709134-04 A 826-SPE	NA	7	1		09/14/07 12:07
9	9M56757	L0709134-10 A 826-SPE	NA	7	1		09/14/07 12:38
10	9M56758	L0709185-01 826-SPE	NA	7	1		09/14/07 13:09
11	9M56759	L0709185-08 826-SPE	NA	7	1		09/14/07 13:40
12	9M56760	L0709185-11 826-SPE	NA	7	1		09/14/07 14:10
13	9M56761	L0709185-12 826-SPE	NA	7	1		09/14/07 14:41
14	9M56762	L0709185-14 826-SPE	NA	7	1		09/14/07 15:11
15	9M56763	L0709185-21 826-SPE	NA	7	1		09/14/07 15:42
16	9M56764	L0709185-22 826-SPE	NA	7	1		09/14/07 16:12
17	9M56765	L0709185-05 D1 5X 826-SPE	NA	7	1		09/14/07 16:43
18	9M56766	L0709185-09 D1 5X 826-SPE	NA	7	1		09/14/07 17:13
19	9M56767	L0709185-10 D1 5X 826-SPE	NA	7	1		09/14/07 17:44
20	9M56768	L0709185-16 D1 5X 826-SPE	NA	7	1		09/14/07 18:15
21	9M56769	L0709185-23 5X 826-SPE	NA	7	1		09/14/07 18:45
22	9M56770	L0709185-24 5X 826-SPE	NA	7	1		09/14/07 19:16
23	9M56771	L0709098-01 A 826-SPE	NA	7	1		09/14/07 19:46
24	9M56772	L0709148-01 8260	NA	7	1		09/14/07 20:17
25	9M56773	L0709154-02 5X 826-BETX	NA	7	1		09/14/07 20:48
26	9M56774	L0709248-01 5X 826-BETX	NA	7	1		09/14/07 21:19
27	9M56775	SYSTEM BLANK	NA	7	1		09/14/07 21:49
28	9M56776	SYSTEM BLANK	NA	7	1		09/14/07 22:20
29	9M56777	L0708794-06 A 826-REF-BLK	NA	7	1		09/14/07 22:51
30	9M56778	L0708794-07 A 826-REF-BLK	NA	7	1		09/14/07 23:21
31	9M56779	L0708794-08 A 826-REF-BLK	NA	7	1		09/14/07 23:52

Comments

Approved: September 20, 2007

Page: 1



952 30

KEMRON Environmental Services Instrument Run Log

Instrument: HPMS9 Dataset: 091407
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20897

Internal Standard: STD21667 Surrogate Standard: STD21796
CCV STD21828 LCS: STD21763 MS/MSD NA
Column 1 ID: RTX502 2 Column 2 ID: NA
Workgroups: WG250097

Comments

Seq	Rerun	Dil.	Reason	Analytes
3				
File ID: 9M56751				
RR for AF31.				
25				
File ID: 9M56773				
Changed from an A1 to a 00.				
26	X	5	Missed Tune	
File ID: 9M56774				

Approved: September 20, 2007



Page: 2

KEMRON Environmental Services
Data Checklist

952 31

Date: 14-AUG-2007
 Analyst: MES
 Analyst: NA
 Method: 8260
 Instrument: HPMS9
 Curve Workgroup: NA
 Runlog ID: 17758
 Analytical Workgroups: WG247666, WG247667

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration / Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
15-AUG-2007

Secondary Reviewer:
16-AUG-2007

Mary Gilling

Nick

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952 32

KEMRON Environmental Services
Data Checklist

Date: 05-SEP-2007
 Analyst: MES
 Analyst: NA
 Method: 8260
 Instrument: HPMS11
 Curve Workgroup: NA
 Runlog ID: 18123
 Analytical Workgroups: WG249372

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration (Check Standards	NA
Project/Client Specific Requirements	NA
Special Standards	NA
Blanks	NA
TCL's	NA
Surrogates	NA
LCS (Laboratory Control Sample)	NA
Recoveries	NA
Surrogates	NA
MS/MSD/Duplicates	NA
Samples	NA
TCL Hits	NA
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
07-SEP-2007

Secondary Reviewer:
10-SEP-2007

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KEMRON Environmental Services
Data Checklist

952 33

Date: 06-SEP-2007
 Analyst: MES
 Analyst: FJB
 Method: 8260/624
 Instrument: HPMS11
 Curve Workgroup: NA
 Runlog ID: 18141
 Analytical Workgroups: WG249484, WG249372

BFB	X
Initial Calibration	X
Average Rf	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration / Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
10-SEP-2007

Secondary Reviewer:
12-SEP-2007

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MDA

Generated: SEP-18-2007 11:17:43

952 34

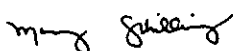
KEMRON Environmental Services
Data Checklist

Date: 10-SEP-2007
 Analyst: MES
 Analyst: FJB
 Method: 8260
 Instrument: HPMS11
 Curve Workgroup: NA
 Runlog ID: 18208
 Analytical Workgroups: WG249716

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration / Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	NA
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
13-SEP-2007

Secondary Reviewer:
13-SEP-2007




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**KEMRON Environmental Services
Data Checklist**

952 35

Date: 14-SEP-2007
 Analyst: MES
 Analyst: NA
 Method: 8260
 Instrument: HPMS9
 Curve Workgroup: NA
 Runlog ID: 18284
 Analytical Workgroups: WG250097

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration / Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	NA
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
19-SEP-2007

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Secondary Reviewer:
20-SEP-2007

Ken C...

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952 36

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B

AAB#: WG249716

Login Number: L0709098

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	. Q
TB-1_0906	09/06/07	09/07/07	09/10/07	14	4.73	09/10/07	14	4.73	

* EXT = SEE PROJECT QAPP REQUIREMENTS

* ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

952 37

Analytical Method: 8260B

AAB#: WG250097

Login Number: L0709098

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
MW234_SS-81	09/06/07	09/07/07	09/14/07	14	8.11	09/14/07	14	8.11	

* EXT = SEE PROJECT QAPP REQUIREMENTS

* ANAL = SEE PROJECT QAPP REQUIREMENTS

952 38

SURROGATE STANDARDS

Login Number: L0709098

Method: 8260

Instrument Id: HPMS11

CAL ID: HPMS11-05-SEP-07

Workgroup (AAB#): WG249716

Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0709098-02	1.00	01	91.5	89.5	96.2	93.6
WG249716-01	1.00	01	93.7	89.8	96.2	95.5
WG249716-02	1.00	01	91.9	92.3	96.1	94.7
WG249716-03	1.00	01	89.4	87.2	95.0	94.6

Surrogates		Surrogate Limits	
1	- 1,2-Dichloroethane-d4	80	- 120
2	- Dibromofluoromethane	86	- 118
3	- 4-Bromofluorobenzene	86	- 115
4	- Toluene-d8	88	- 110

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

SURROGATE STANDARDS

Login Number: L0709098

Method: 8260

Instrument Id: HPMS9

CAL ID: HPMS9-14-AUG-07

Workgroup (AAB#): WG250097

Matrix: Soil

Sample Number	Dilution	Tag	1	2	3	4
L0709098-01	1.00	01	86.2	102	116	113
WG250097-01	1.00	01	92.0	103	99.4	108
WG250097-02	1.00	01	89.2	103	97.5	105
WG250097-03	1.00	01	89.1	104	99.7	108

Surrogates

Surrogate Limits

1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	80	-	120
3 - 4-Bromofluorobenzene	74	-	121
4 - Toluene-d8	81	-	117

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

METHOD BLANK SUMMARY

Login Number: L0709098 _____ Work Group: WG249716 _____
Blank File ID: 11M45325 _____ Blank Sample ID: WG249716-01 _____
Prep Date: 09/10/07 15:01 _____ Instrument ID: HPMS11 _____
Analyzed Date: 09/10/07 15:01 _____ Method: 8260B _____
Analyst: MES _____

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG249716-02	11M45326	09/10/07 15:31	01
LCS2	WG249716-03	11M45327	09/10/07 16:01	01
TB-1_0906	L0709098-02	11M45330	09/10/07 17:31	01

METHOD BLANK SUMMARY

Login Number: L0709098 _____ Work Group: WG250097 _____
Blank File ID: 9M56753 _____ Blank Sample ID: WG250097-01 _____
Prep Date: 09/14/07 10:34 _____ Instrument ID: HPMS9 _____
Analyzed Date: 09/14/07 10:34 _____ Method: 8260B _____
Analyst: MES _____

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG250097-02	9M56754	09/14/07 11:05	01
LCS2	WG250097-03	9M56755	09/14/07 11:36	01
MW234_SS-81	L0709098-01	9M56771	09/14/07 19:46	01

952 42

METHOD BLANK REPORT

Login Number: L0709098 Prep Date: 09/10/07 15:01 Sample ID: WG249716-01
 Instrument ID: HPMS11 Run Date: 09/10/07 15:01 Prep Method: 5030B
 File ID: 11M45325 Analyst: MES Method: 8260B
 Workgroup (AAB#): WG249716 Matrix: Water Units: ug/L
 Contract #: DACAS7-02-D-0006 Cal ID: HPMS11-05-SEP-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Acetone	2.50	5.00	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	5.00	2.50	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	5.00	2.50	1	U
4-Methyl-2-pentanone	2.50	5.00	2.50	1	U
Methylene chloride	0.250	1.00	0.250	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	89.8	86 - 118	PASS
1,2-Dichloroethane-d4	93.7	80 - 120	PASS
Toluene-d8	95.5	88 - 110	PASS
4-Bromofluorobenzene	96.2	86 - 115	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID: 880353
 Report generated 09/20/2007 16:09

METHOD BLANK REPORT

Login Number: L0709098 Prep Date: 09/10/07 15:01 Sample ID: WG249716-01
Instrument ID: HPMS11 Run Date: 09/10/07 15:01 Prep Method: 5030B
File ID: 11M45325 Analyst: MES Method: 8260B
Workgroup (AAB#): WG249716 Matrix: Water Units: ug/L
Contract #: DACAB7-02-D-0006 Cal ID: HPMS11-05-SEP-07

RL Reporting/Practical Quantitation Limit

ND Analyte Not detected at or above reporting limit

* Analyte concentration > RL

952 44

METHOD BLANK REPORT

Login Number: L0709098 Prep Date: 09/14/07 10:34 Sample ID: WG250097-01
 Instrument ID: HPMS9 Run Date: 09/14/07 10:34 Prep Method: 5030B
 File ID: 9M56753 Analvt: MES Method: 8260B
 Workgroup (AAB#): WG250097 Matrix: Soil Units: ug/kg
 Contract #: DACAB7-02-D-0006 Cal ID: HPMS9-14-AUG-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Acetone	5.00	10.0	5.00	1	U
Benzene	0.500	1.00	0.500	1	U
Bromodichloromethane	0.500	2.00	0.500	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	1.00	5.00	1.00	1	U
2-Butanone	2.50	5.00	2.50	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.500	5.00	0.500	1	U
Chlorobenzene	0.500	5.00	0.500	1	U
Chlorodibromomethane	0.500	2.00	0.500	1	U
Chloroethane	1.00	5.00	1.00	1	U
Chloroform	0.500	2.00	0.500	1	U
Chloromethane	2.00	5.00	2.00	1	U
1,1-Dichloroethane	1.00	2.00	1.00	1	U
1,2-Dichloroethane	0.500	2.00	0.500	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
cis-1,2-Dichloroethene	0.500	5.00	0.500	1	U
trans-1,2-Dichloroethene	0.500	2.00	0.500	1	U
1,2-Dichloropropane	0.500	2.00	0.500	1	U
cis-1,3-Dichloropropene	0.500	2.00	0.500	1	U
trans-1,3-Dichloropropene	0.500	2.00	0.500	1	U
Ethylbenzene	0.500	1.00	0.500	1	U
2-Hexanone	2.50	5.00	2.50	1	U
Methylene chloride	1.00	5.00	1.00	1	U
MIBK (methyl isobutyl ketone)	2.50	5.00	2.50	1	U
Styrene	0.500	2.00	0.500	1	U
1,1,2,2-Tetrachloroethane	0.500	2.00	0.500	1	U
Tetrachloroethene	0.500	5.00	0.500	1	U
Toluene	0.500	1.00	0.500	1	U
1,1,1-Trichloroethane	0.500	2.00	0.500	1	U
1,1,2-Trichloroethane	0.500	5.00	0.500	1	U
Trichloroethene	0.500	5.00	0.500	1	U
Vinyl chloride	1.00	2.00	1.00	1	U
o-Xylene	0.500	1.00	0.500	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	103	80 - 120	PASS
1,2-Dichloroethane-d4	92.0	80 - 120	PASS
Toluene-d8	108	81 - 117	PASS
4-Bromofluorobenzene	99.4	74 - 121	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID: 880353
 Report generated 09/20/2007 16:09

METHOD BLANK REPORT

Login Number: L0709098 Prep Date: 09/14/07 10:34 Sample ID: WG250097-01
Instrument ID: HPMS9 Run Date: 09/14/07 10:34 Prep Method: 5030B
File ID: 9M56753 Analyst: MBS Method: 8260B
Workgroup (AAB#): WG250097 Matrix: Soil Units: ug/kg
Contract #: DACA87-02-D-0006 Cal ID: HPMS9-14-AUG-07

RL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 880353
Report generated 09/20/2007 16:09

Login Number: L0709098 Analyst: MES Prep Method: 5030B
 Instrument ID: HPMS11 Matrix: Water Method: 8260B
 Workgroup (AAB#): WG249716 Units: ug/L
 QC Key: STD Lot #: STD21763
 Sample ID: WG249716-02 LCS File ID: 11M45326 Run Date: 09/10/2007 15:31
 Sample ID: WG249716-03 LCS2 File ID: 11M45327 Run Date: 09/10/2007 16:01

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	20.8	104	20.0	20.2	101	2.92	40 - 142	20	
Benzene	20.0	18.8	94.0	20.0	19.0	95.1	1.13	80 - 121	20	
Bromodichloromethane	20.0	21.5	108	20.0	21.3	106	1.17	80 - 131	20	
Bromoform	20.0	19.3	96.3	20.0	19.2	96.1	0.153	70 - 130	20	
Bromomethane	20.0	18.5	92.5	20.0	18.7	93.3	0.823	30 - 145	20	
2-Butanone	20.0	20.1	101	20.0	20.4	102	1.46	30 - 150	20	
Carbon disulfide	20.0	17.0	85.2	20.0	16.6	83.1	2.48	58 - 138	20	
Carbon tetrachloride	20.0	18.8	94.1	20.0	18.6	92.8	1.41	65 - 140	20	
Chlorobenzene	20.0	19.9	99.6	20.0	20.3	101	1.85	80 - 120	20	
Chlorodibromomethane	20.0	19.9	99.4	20.0	19.6	98.1	1.27	60 - 135	20	
Chloroethane	20.0	18.4	92.1	20.0	18.8	93.8	1.76	60 - 135	20	
Chloroform	20.0	20.6	103	20.0	20.3	102	1.23	80 - 125	20	
Chloromethane	20.0	16.9	84.7	20.0	16.6	83.2	1.84	40 - 125	20	
1,1-Dichloroethane	20.0	19.5	97.5	20.0	20.0	100	2.60	80 - 125	20	
1,2-Dichloroethane	20.0	21.0	105	20.0	20.5	103	2.34	80 - 129	20	
1,1-Dichloroethene	20.0	20.1	101	20.0	20.3	102	0.861	80 - 132	20	
cis-1,2-Dichloroethene	20.0	19.8	98.9	20.0	19.7	98.7	0.201	70 - 125	20	
trans-1,2-Dichloroethene	20.0	18.8	93.8	20.0	18.6	92.8	1.06	80 - 127	20	
1,2-Dichloropropane	20.0	19.9	99.7	20.0	20.1	100	0.776	80 - 120	20	
cis-1,3-Dichloropropene	20.0	20.1	100	20.0	19.9	99.5	0.824	70 - 130	20	
trans-1,3-Dichloropropene	20.0	20.6	103	20.0	20.8	104	0.576	80 - 130	20	
Ethylbenzene	20.0	20.5	103	20.0	21.2	106	3.36	80 - 122	20	
2-Hexanone	20.0	22.2	111	20.0	21.7	108	2.47	55 - 130	20	
4-Methyl-2-pentanone	20.0	19.3	96.7	20.0	19.2	95.8	0.874	64 - 140	20	
Methylene chloride	20.0	18.1	90.4	20.0	18.5	92.6	2.46	80 - 123	20	
Styrene	20.0	20.9	104	20.0	21.4	107	2.58	80 - 123	20	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	20.0	21.8	109	3.39	79 - 125	20	
Tetrachloroethene	20.0	18.9	94.3	20.0	19.2	96.1	1.90	80 - 124	20	
Toluene	20.0	20.1	101	20.0	20.7	104	3.00	80 - 124	20	
1,1,1-Trichloroethane	20.0	20.8	104	20.0	20.6	103	1.01	80 - 134	20	
1,1,2-Trichloroethane	20.0	20.4	102	20.0	20.7	104	1.74	80 - 125	20	
Trichloroethene	20.0	19.6	98.0	20.0	19.7	98.5	0.491	80 - 122	20	
Vinyl chloride	20.0	18.7	93.7	20.0	18.0	89.8	4.30	65 - 140	20	
o-Xylene	20.0	19.8	99.1	20.0	20.5	103	3.46	80 - 122	20	
m-,p-Xylene	40.0	40.6	102	40.0	41.6	104	2.44	80 - 122	20	

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709098 _____ Analyst: MBS _____ Prep Method: 5030B _____
Instrument ID: HPMS11 _____ Matrix: Water _____ Method: 8260B _____
Workgroup (AAB#): WG249716 _____ Units: ug/L _____
QC Key: STD _____ Lot #: STD21763 _____

Sample ID: WG249716-02 LCS File ID: 11M45326 Run Date: 09/10/2007 15:31

Sample ID: WG249716-03 LCS2 File ID: 11M45327 Run Date: 09/10/2007 16:01

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	92.3	87.2	86 - 118	PASS
1,2-Dichloroethane-d4	91.9	89.4	80 - 120	PASS
Toluene-d8	94.7	94.6	88 - 110	PASS
4-Bromofluorobenzene	96.1	95.0	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

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LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709098 Analyst: MES Prep Method: 5030B
Instrument ID: HPMS9 Matrix: Soil Method: 8260B
Workgroup (AAB#): WG250097 Units: ug/kg
QC Key: STD Lot #: STD21763

Sample ID: WG250097-02 LCS File ID: 9M56754 Run Date: 09/14/2007 11:05
Sample ID: WG250097-03 LCS2 File ID: 9M56755 Run Date: 09/14/2007 11:36

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	14.1	70.5	20.0	12.9	64.5	8.83	20 - 160	30	
Benzene	20.0	21.1	106	20.0	21.7	109	2.77	70 - 139	30	
Bromodichloromethane	20.0	20.0	100	20.0	20.5	103	2.41	72 - 137	30	
Bromoform	20.0	21.4	107	20.0	21.7	109	1.63	49 - 136	30	
Bromomethane	20.0	20.9	104	20.0	21.1	106	1.06	37 - 143	30	
2-Butanone	20.0	17.1	85.3	20.0	15.5	77.3	9.81	37 - 172	30	
Carbon disulfide	20.0	12.1	60.4	20.0	12.3	61.4	1.70	39 - 139	30	
Carbon tetrachloride	20.0	20.9	105	20.0	21.5	108	2.70	59 - 136	30	
Chlorobenzene	20.0	21.1	105	20.0	21.6	108	2.64	70 - 130	30	
Chlorodibromomethane	20.0	21.4	107	20.0	21.8	109	1.91	59 - 136	30	
Chloroethane	20.0	20.0	100	20.0	21.0	105	4.76	52 - 135	30	
Chloroform	20.0	19.2	95.8	20.0	19.3	96.6	0.822	74 - 129	30	
Chloromethane	20.0	18.8	93.8	20.0	19.2	96.2	2.49	30 - 131	30	
1,1-Dichloroethane	20.0	19.4	97.0	20.0	19.8	98.8	1.84	75 - 125	30	
1,2-Dichloroethane	20.0	18.3	91.5	20.0	18.2	91.1	0.416	63 - 133	30	
1,1-Dichloroethene	20.0	22.5	112	20.0	23.2	116	3.29	65 - 135	30	
cis-1,2-Dichloroethene	20.0	21.7	108	20.0	22.3	112	2.80	65 - 135	30	
trans-1,2-Dichloroethene	20.0	21.4	107	20.0	21.4	107	0.131	65 - 139	30	
1,2-Dichloropropane	20.0	20.8	104	20.0	20.8	104	0.0832	70 - 130	30	
cis-1,3-Dichloropropene	20.0	20.7	103	20.0	20.9	104	0.845	70 - 142	30	
trans-1,3-Dichloropropene	20.0	18.4	92.1	20.0	18.7	93.7	1.78	56 - 135	30	
Ethylbenzene	20.0	21.8	109	20.0	22.6	113	3.79	70 - 130	30	
2-Hexanone	20.0	18.9	94.4	20.0	16.9	84.4	11.2	45 - 145	30	
Methylene chloride	20.0	19.6	97.8	20.0	20.3	101	3.64	74 - 128	30	
MIBK (methyl isobutyl ketone)	20.0	19.8	98.9	20.0	18.5	92.7	6.47	47 - 146	30	
Styrene	20.0	22.9	114	20.0	23.8	119	4.09	74 - 130	30	
1,1,2,2-Tetrachloroethane	20.0	20.6	103	20.0	21.6	108	4.90	55 - 130	30	
Tetrachloroethene	20.0	21.4	107	20.0	22.1	111	3.55	72 - 130	30	
Toluene	20.0	21.4	107	20.0	21.7	108	1.22	77 - 126	30	
1,1,1-Trichloroethane	20.0	19.7	98.7	20.0	19.9	99.4	0.674	70 - 135	30	
1,1,2-Trichloroethane	20.0	21.8	109	20.0	22.1	110	1.22	60 - 125	30	
Trichloroethene	20.0	22.6	113	20.0	22.8	114	0.672	72 - 126	30	
Vinyl chloride	20.0	20.3	102	20.0	20.7	104	2.13	25 - 130	30	
o-Xylene	20.0	22.5	113	20.0	23.0	115	2.10	70 - 130	30	
m-,p-Xylene	40.0	43.8	109	40.0	45.3	113	3.39	70 - 130	30	

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709098 Analyst: MES Prep Method: 5030B
Instrument ID: HPMS9 Matrix: Soil Method: 8260B
Workgroup (AAB#): WG250097 Units: ug/kg
QC Key: STD Lot #: STD21763

Sample ID: WG250097-02 LCS File ID: 9M56754 Run Date: 09/14/2007 11:05

Sample ID: WG250097-03 LCS2 File ID: 9M56755 Run Date: 09/14/2007 11:36

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	103	104	80 - 120	PASS
1,2-Dichloroethane-d4	89.2	89.1	80 - 120	PASS
Toluene-d8	105	108	81 - 117	PASS
4-Bromofluorobenzene	97.5	99.7	74 - 121	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709098_____ Tune ID: WG249372-01_____
Instrument: HPMS11_____ Run Date: 09/05/2007_____
Analyst: MRS_____ Run Time: 13:28_____
Workgroup: WG249372_____ File ID: 11M45206_____
Cal ID: HPMS11-05-SEP-07_____

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	25.8	10280	PASS
75.0	95.0	30.0	60.0	52.3	20827	PASS
95.0	95.0	100	100	100	39826	PASS
96.0	95.0	5.00	9.00	7.00	2788	PASS
173	174	0	2.00	0.975	244	PASS
174	95.0	50.0	100	62.9	25032	PASS
175	174	5.00	9.00	7.96	1992	PASS
176	174	95.0	101	96.0	24027	PASS
177	176	5.00	9.00	6.28	1510	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249372-02	STD	01	09/05/2007 13:51	
WG249372-04	STD	01	09/05/2007 14:51	
WG249372-05	STD	01	09/05/2007 15:21	
WG249372-06	STD	01	09/05/2007 15:51	
WG249372-07	STD	01	09/05/2007 16:21	
WG249372-09	STD	01	09/05/2007 17:21	
WG249372-10	STD	01	09/05/2007 17:51	
WG249372-03	STD	01	09/05/2007 19:51	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709098_____
Instrument: HPMS11_____
Analyst: MES_____
Workgroup: WG249483_____

Tune ID: WG249483-01_____
Run Date: 09/06/2007_____
Run Time: 12:22_____
File ID: 11M45224_____
Cal ID: HPMS11-05-SEP-07_____

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	22.8	14998	PASS
75.0	95.0	30.0	60.0	49.8	32797	PASS
95.0	95.0	100	100	100	65850	PASS
96.0	95.0	5.00	9.00	6.49	4275	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	63.2	41589	PASS
175	174	5.00	9.00	6.96	2895	PASS
176	174	95.0	101	98.0	40773	PASS
177	176	5.00	9.00	6.66	2715	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249372-11	SSCV	01	09/06/2007 14:21	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709098 _____ Tune ID: WG249715-01 _____
 Instrument: HPMS11 _____ Run Date: 09/10/2007 _____
 Analyst: MRS _____ Run Time: 13:37 _____
 Workgroup: WG249715 _____ File ID: 11M45322 _____
 Cal ID: HPMS11-05-SEP-07 _____

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	24.7	11952	PASS
75.0	95.0	30.0	60.0	52.1	25194	PASS
95.0	95.0	100	100	100	48402	PASS
96.0	95.0	5.00	9.00	6.81	3296	PASS
173	174	0	2.00	0.427	132	PASS
174	95.0	50.0	100	63.9	30949	PASS
175	174	5.00	9.00	7.08	2191	PASS
176	174	95.0	101	95.5	29545	PASS
177	176	5.00	9.00	6.19	1828	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249715-02	CCV	01	09/10/2007 14:00	
WG249716-01	BLANK	01	09/10/2007 15:01	
WG249716-02	LCS	01	09/10/2007 15:31	
WG249716-03	LCS2	01	09/10/2007 16:01	
L0709098-02	TB-1_0906	01	09/10/2007 17:31	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709098 _____ Tune ID: WG247666-01 _____
Instrument: HPMS9 _____ Run Date: 08/14/2007 _____
Analyst: MES _____ Run Time: 11:19 _____
Workgroup: WG247666 _____ File ID: 9M56007 _____
Cal ID: HPMS9-14-AUG-07 _____

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.9	4941	PASS
75.0	95.0	30.0	60.0	43.9	11486	PASS
95.0	95.0	100	100	100	26157	PASS
96.0	95.0	5.00	9.00	6.51	1702	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	82.6	21613	PASS
175	174	5.00	9.00	7.88	1704	PASS
176	174	95.0	101	97.6	21090	PASS
177	176	5.00	9.00	6.57	1386	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG247666-02	STD-S	01	08/14/2007 11:42	
WG247666-03	STD-S	01	08/14/2007 12:13	
WG247666-04	STD-S	01	08/14/2007 12:49	
WG247666-05	STD-S	01	08/14/2007 13:19	
WG247666-06	STD-S	01	08/14/2007 13:51	
WG247666-07	STD-S	01	08/14/2007 14:22	
WG247666-08	STD-CCV-S	01	08/14/2007 14:53	
WG247666-09	STD-S	01	08/14/2007 15:24	
WG247666-10	STD-S	01	08/14/2007 15:55	
WG247666-11	STD-S	01	08/14/2007 16:27	
WG247666-12	SSCV-S	01	08/14/2007 18:01	
WG247666-13	SSCV-S	01	08/14/2007 18:32	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709098_____ Tune ID: WG250096-01_____
Instrument: HPMS9_____ Run Date: 09/14/2007_____
Analyst: MES_____ Run Time: 09:07_____
Workgroup: WG250096_____ File ID: 9M56750_____
Cal ID: HPMS9-14-AUG-07_____

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	16.1	4459	PASS
75.0	95.0	30.0	60.0	41.2	11433	PASS
95.0	95.0	100	100	100	27728	PASS
96.0	95.0	5.00	9.00	6.93	1922	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	86.7	24029	PASS
175	174	5.00	9.00	7.51	1804	PASS
176	174	95.0	101	98.8	23738	PASS
177	176	5.00	9.00	7.15	1698	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG250096-02	CCV-S	01	09/14/2007 10:03	
WG250097-01	BLANK	01	09/14/2007 10:34	
WG250097-02	LCS	01	09/14/2007 11:05	
WG250097-03	LCS2	01	09/14/2007 11:36	
L0709098-01	MW234_SS-81	01	09/14/2007 19:46	

* Sample past 12 hour tune limit

INITIAL CALIBRATION SUMMARY

Login Number: L0709098

Instrument ID: HPMS11

Analytical Method: 8260B

Initial Calibration Date: 05-SEP-07 19:51

ICAL Workgroup: WG249372

Column ID: F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R ²)
1,1-Dichloroethene	CCC	0.4664	14.4		
1,2-Dichloropropane	CCC	0.2667	10.7		
Chloroform	CCC	0.4928	10.6		
Ethylbenzene	CCC	0.4939	9.13		
Toluene	CCC	1.398	7.15		
Vinyl Chloride	CCC	0.3322	10.2		
1,1,2,2-Tetrachloroethane	SPCC	0.3777	13.3		
1,1-Dichloroethane	SPCC	0.5603	10.9		
Bromoform	SPCC	0.1387	17.7	1.00	
Chlorobenzene	SPCC	0.9424	5.71		
Chloromethane	SPCC	0.3492	12.1		
1,1,1-Trichloroethane		0.4619	12.9		
1,1,2-Trichloroethane		0.2011	16.4		1.00
1,2-Dichloroethane		0.4138	6.33		
2-Butanone		0.05220	4.90		
2-Hexanone		0.1144	4.72		
4-Methyl-2-Pentanone		0.05798	3.48		
Acetone		0.03950	14.0		
Benzene		0.9597	5.97		
Bromodichloromethane		0.3437	11.0		
Bromomethane		0.1391	25.1	1.00	
Carbon Disulfide		0.7293	7.16		
Carbon Tetrachloride		0.3679	17.2		1.00
Chloroethane		0.2193	2.85		
Dibromochloromethane		0.2701	16.8		1.00
Methylene Chloride		0.3006	22.0		1.00
Styrene		0.9666	12.6		
Tetrachloroethene		0.2410	19.2		1.00
Trichloroethene		0.2403	7.66		
cis-1,2-Dichloroethene		0.2532	9.84		
cis-1,3-Dichloropropene		0.3844	12.3		
m-,p-Xylene		0.6258	8.17		
o-Xylene		0.6009	8.09		
trans-1,2-Dichloroethene		0.2478	8.82		
trans-1,3-Dichloropropene		0.4819	11.0		

R = Correlation coefficient; 0.995 minimum

R² = Coefficient of determination; 0.99 minimum

KEMRON FORMS - Modified 01/18/2007
 Version 1.5 PDF File ID: 880354
 Report generated 09/20/2007 16:09

INITIAL CALIBRATION SUMMARY

Login Number: L0709098
 Analytical Method: 8260B
 ICAI Workgroup: WG247666

Instrument ID: HPMS9
 Initial Calibration Date: 14-AUG-07 16:27
 Column ID: F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD (R ²)
1,1-Dichloroethene	CCC	0.2472	9.58		
1,2-Dichloropropane	CCC	0.2446	5.91		
Chloroform	CCC	0.4886	6.48		
Ethylbenzene	CCC	0.4928	6.88		
Toluene	CCC	1.365	6.06		
Vinyl Chloride	CCC	0.2050	8.41		
1,1,2,2-Tetrachloroethane	SPCC	0.4921	5.62		
1,1-Dichloroethane	SPCC	0.5052	6.07		
Bromoform	SPCC	0.1812	7.91		
Chlorobenzene	SPCC	0.9618	5.85		
Chloromethane	SPCC	0.2855	6.81		
1,1,1-Trichloroethane		0.4670	6.54		
1,1,2-Trichloroethane		0.2498	5.82		
1,2-Dichloroethane		0.3752	7.96		
2-Butanone		0.1161	8.47		
2-Hexanone		0.1980	8.61		
4-Methyl-2-Pentanone		0.08620	6.29		
Acetone		0.09077	34.7		0.999
Benzene		1.037	5.92		
Bromodichloromethane		0.3243	6.66		
Bromomethane		0.1493	11.5		
Carbon Disulfide		0.8337	6.50		
Carbon Tetrachloride		0.4010	11.0		
Chloroethane		0.1649	8.41		
Dibromochloromethane		0.3068	11.6		
Methylene Chloride		0.2917	18.6		1.00
Styrene		0.8775	12.1		
Tetrachloroethene		0.2986	6.37		
Trichloroethene		0.3199	6.40		
cis-1,2-Dichloroethene		0.2866	5.62		
cis-1,3-Dichloropropene		0.3787	8.26		
m-,p-Xylene		0.5933	7.83		
o-Xylene		0.5503	9.72		
trans-1,2-Dichloroethene		0.2822	6.05		
trans-1,3-Dichloropropene		0.4341	8.54		

R = Correlation coefficient; 0.995 minimum

R² = Coefficient of determination; 0.99 minimum

INITIAL CALIBRATION DATA

Login Number:L0709098

Instrument ID:HPMS11

Analytical Method:8260B

Initial Calibration Date:05-SEP-07 19:51

Column ID:F

Analyte	WG249372-02			WG249372-03			WG249372-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	3960.00000	0.3469	1.00	11074.0000	0.3977
1,2-Dichloropropane	NA	NA	NA	0.400	2398.00000	0.2101	1.00	7169.00000	0.2575
Chloroform	0.300	3476.00000	0.3829	0.400	5291.00000	0.4635	1.00	13248.0000	0.4758
Ethylbenzene	NA	NA	NA	0.400	3679.00000	0.4555	1.00	8255.00000	0.4190
Toluene	NA	NA	NA	0.400	10116.0000	1.252	1.00	25012.0000	1.270
Vinyl Chloride	NA	NA	NA	0.400	3520.00000	0.3084	1.00	10119.0000	0.3634
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1336.00000	0.3029	1.00	3245.00000	0.3061
1,1-Dichloroethane	NA	NA	NA	0.400	5049.00000	0.4423	1.00	14348.0000	0.5153
Bromoform	NA	NA	NA	NA	NA	NA	1.00	1992.00000	0.1011
Chlorobenzene	NA	NA	NA	0.400	7339.00000	0.9086	1.00	16578.0000	0.8416
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	12092.0000	0.4343
1,1,1-Trichloroethane	NA	NA	NA	0.400	3894.00000	0.3412	1.00	12152.0000	0.4365
1,1,2-Trichloroethane	NA	NA	NA	0.400	1073.00000	0.1328	1.00	3629.00000	0.1842
1,2-Dichloroethane	NA	NA	NA	0.400	4273.00000	0.3744	1.00	10880.0000	0.3908
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	10126.0000	0.8871	1.00	24729.0000	0.8882
Bromodichloromethane	NA	NA	NA	0.400	3271.00000	0.2866	1.00	8477.00000	0.3045
Bromomethane	NA	NA	NA	0.400	860.000000	0.07530	1.00	3484.00000	0.1251
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	18105.0000	0.6503
Carbon Tetrachloride	NA	NA	NA	0.400	2756.00000	0.2415	1.00	9208.00000	0.3307
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	6003.00000	0.2156
1,1-Dibromochloromethane	NA	NA	NA	0.400	1547.00000	0.1915	1.00	4552.00000	0.2311
Methylene Chloride	NA	NA	NA	NA	NA	NA	1.00	11656.0000	0.4186
Styrene	NA	NA	NA	0.400	6454.00000	0.7991	1.00	16270.0000	0.8259
Tetrachloroethene	NA	NA	NA	0.400	1123.00000	0.1390	1.00	4680.00000	0.2376
Trichloroethene	NA	NA	NA	0.400	2612.00000	0.2288	1.00	5985.00000	0.2150
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2492.00000	0.2183	1.00	6277.00000	0.2255
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3612.00000	0.3164	1.00	9103.00000	0.3270
m-,p-Xylene	NA	NA	NA	0.800	8957.00000	0.5545	2.00	22461.0000	0.5701
o-Xylene	NA	NA	NA	0.400	4371.00000	0.5412	1.00	10453.0000	0.5306
trans-1,2-Dichloroethene	NA	NA	NA	0.400	2516.00000	0.2204	1.00	6052.00000	0.2174
trans-1,3-Dichloropropene	NA	NA	NA	0.400	3290.00000	0.4073	1.00	8184.00000	0.4154

952 58

INITIAL CALIBRATION DATA

Login Number:L0709098

Instrument ID:HPMS11

Analytical Method:8260B

Initial Calibration Date:05-SEP-07 19:51

Column ID:F

Analyte	WG249372-05			WG249372-06			WG249372-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	27029.0000	0.4937	5.00	67554.0000	0.4842	20.0	292323.000	0.5179
1,2-Dichloropropane	2.00	14160.0000	0.2586	5.00	38307.0000	0.2746	20.0	164909.000	0.2922
Chloroform	2.00	28598.0000	0.5223	5.00	73927.0000	0.5299	20.0	307249.000	0.5443
Ethylbenzene	2.00	19023.0000	0.4901	5.00	48639.0000	0.4913	20.0	217560.000	0.5427
Toluene	2.00	54066.0000	1.393	5.00	142339.000	1.438	20.0	601191.000	1.500
Vinyl Chloride	2.00	20018.0000	0.3656	5.00	49837.0000	0.3572	20.0	190023.000	0.3366
1,1,2,2-Tetrachloroethane	2.00	8759.00000	0.4167	5.00	20983.0000	0.3955	20.0	88225.0000	0.4049
1,1-Dichloroethane	2.00	31856.0000	0.5818	5.00	82705.0000	0.5928	20.0	348573.000	0.6175
Bromoform	2.00	4714.00000	0.1214	5.00	13079.0000	0.1321	20.0	63937.0000	0.1595
Chlorobenzene	2.00	36621.0000	0.9434	5.00	94019.0000	0.9497	20.0	402543.000	1.004
Chloromethane	2.00	17941.0000	0.3277	5.00	47394.0000	0.3397	20.0	186733.000	0.3308
1,1,1-Trichloroethane	2.00	25629.0000	0.4681	5.00	69527.0000	0.4983	20.0	290189.000	0.5141
1,1,2-Trichloroethane	2.00	8560.00000	0.2205	5.00	21146.0000	0.2136	20.0	90690.0000	0.2262
1,2-Dichloroethane	2.00	23176.0000	0.4233	5.00	60611.0000	0.4344	20.0	254413.000	0.4507
2-Butanone	NA	NA	NA	5.00	6807.00000	0.04880	20.0	30841.0000	0.05460
2-Hexanone	NA	NA	NA	5.00	10601.0000	0.1071	20.0	48135.0000	0.1201
4-Methyl-2-Pentanone	NA	NA	NA	5.00	7764.00000	0.05560	20.0	32486.0000	0.05760
Acetone	NA	NA	NA	5.00	6633.00000	0.04750	20.0	21851.0000	0.03870
Benzene	2.00	51016.0000	0.9317	5.00	135997.000	0.9747	20.0	567353.000	1.005
Bromodichloromethane	2.00	17932.0000	0.3275	5.00	49823.0000	0.3571	20.0	214776.000	0.3805
Bromomethane	2.00	7104.00000	0.1297	5.00	19110.0000	0.1370	20.0	87160.0000	0.1544
Carbon Disulfide	2.00	37178.0000	0.6790	5.00	104715.000	0.7505	20.0	421712.000	0.7471
Carbon Tetrachloride	2.00	20461.0000	0.3737	5.00	57248.0000	0.4103	20.0	234797.000	0.4160
Chloroethane	2.00	11636.0000	0.2125	5.00	31816.0000	0.2280	20.0	126272.000	0.2237
Dibromochloromethane	2.00	10139.0000	0.2612	5.00	28055.0000	0.2834	20.0	126050.000	0.3144
Methylene Chloride	2.00	18340.0000	0.3350	5.00	39865.0000	0.2857	20.0	149670.000	0.2652
Styrene	2.00	36618.0000	0.9434	5.00	94177.0000	0.9513	20.0	429786.000	1.072
Tetrachloroethene	2.00	10275.0000	0.2647	5.00	25339.0000	0.2559	20.0	108556.000	0.2708
Trichloroethene	2.00	12221.0000	0.2232	5.00	33581.0000	0.2407	20.0	145743.000	0.2582
cis-1,2-Dichloroethene	2.00	13126.0000	0.2397	5.00	36802.0000	0.2638	20.0	156748.000	0.2777
cis-1,3-Dichloropropene	2.00	20289.0000	0.3706	5.00	55655.0000	0.3989	20.0	240794.000	0.4266
m-,p-Xylene	4.00	46773.0000	0.6025	10.0	126119.000	0.6370	40.0	545740.000	0.6806
o-Xylene	2.00	22811.0000	0.5877	5.00	61477.0000	0.6210	20.0	258545.000	0.6449
trans-1,2-Dichloroethene	2.00	13164.0000	0.2404	5.00	36066.0000	0.2585	20.0	150666.000	0.2669
trans-1,3-Dichloropropene	2.00	18371.0000	0.4733	5.00	50563.0000	0.5107	20.0	219451.000	0.5474

INITIAL CALIBRATION DATA

Login Number: L0709098

Instrument ID: HPMS11

Analytical Method: 8260B

Initial Calibration Date: 05-SEP-07 19:51

Column ID: F

Analyte	WG249372-09			WG249372-10		
	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	100	1545440.00	0.5210	200	2943837.00	0.5034
1,2-Dichloropropane	100	858651.000	0.2895	200	1661428.00	0.2841
Chloroform	100	1543538.00	0.5204	200	2944043.00	0.5035
Ethylbenzene	100	1171252.00	0.5396	200	2300719.00	0.5193
Toluene	100	3233400.00	1.490	200	6393987.00	1.443
Vinyl Chloride	100	950410.000	0.3204	200	1599594.00	0.2735
1,1,2,2-Tetrachloroethane	100	467404.000	0.4108	200	986392.000	0.4068
1,1-Dichloroethane	100	1764023.00	0.5947	200	3377326.00	0.5776
Bromoform	100	346208.000	0.1595	200	703578.000	0.1588
Chlorobenzene	100	2132836.00	0.9825	200	4283322.00	0.9668
Chloromethane	100	951974.000	0.3209	200	1999913.00	0.3420
1,1,1-Trichloroethane	100	1494975.00	0.5040	200	2752738.00	0.4708
1,1,2-Trichloroethane	100	471724.000	0.2173	200	944122.000	0.2131
1,2-Dichloroethane	100	1245105.00	0.4198	200	2357989.00	0.4032
2-Butanone	100	153752.000	0.05180	200	313313.000	0.05360
2-Hexanone	100	251023.000	0.1156	200	508927.000	0.1149
4-Methyl-2-Pentanone	100	172574.000	0.05820	200	354003.000	0.06050
Acetone	100	106386.000	0.03590	200	209883.000	0.03590
Benzene	100	3026490.00	1.020	200	5908606.00	1.010
Bromodichloromethane	100	1122842.00	0.3786	200	2170919.00	0.3713
Bromomethane	100	523744.000	0.1766	200	1028799.00	0.1759
Carbon Disulfide	100	2310229.00	0.7789	200	4501922.00	0.7699
Carbon Tetrachloride	100	1228209.00	0.4141	200	2276289.00	0.3893
Chloroethane	100	658831.000	0.2221	200	1249393.00	0.2137
Dibromochloromethane	100	669997.000	0.3086	200	1330594.00	0.3003
Methylene Chloride	100	745013.000	0.2512	200	1449619.00	0.2479
Styrene	100	2358398.00	1.086	200	4821043.00	1.088
Tetrachloroethene	100	581464.000	0.2679	200	1112050.00	0.2510
Trichloroethene	100	769587.000	0.2595	200	1503056.00	0.2570
cis-1,2-Dichloroethene	100	812071.000	0.2738	200	1600646.00	0.2737
cis-1,3-Dichloropropene	100	1262107.00	0.4255	200	2488434.00	0.4256
m-,p-Xylene	200	2950242.00	0.6795	400	5817785.00	0.6566
o-Xylene	100	1399395.00	0.6447	200	2818576.00	0.6362
trans-1,2-Dichloroethene	100	796518.000	0.2685	200	1536854.00	0.2628
trans-1,3-Dichloropropene	100	1124247.00	0.5179	200	2222316.00	0.5016

952 60

INITIAL CALIBRATION DATA

Login Number:L0709098

Instrument ID:HPMS9

Analytical Method:8260B

Initial Calibration Date:14-AUG-07_16:27

Column ID:F

Analyte	WG247666-02			WG247666-03			WG247666-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	2.00	5138.00000	0.2078
1,2-Dichloropropane	NA	NA	NA	1.00	2850.00000	0.2410	2.00	5496.00000	0.2223
Chloroform	NA	NA	NA	1.00	6347.00000	0.5368	2.00	11688.0000	0.4727
Ethylbenzene	NA	NA	NA	1.00	4720.00000	0.4838	2.00	8964.00000	0.4437
Toluene	NA	NA	NA	1.00	13636.0000	1.398	2.00	25218.0000	1.248
Vinyl Chloride	NA	NA	NA	NA	NA	NA	2.00	5534.00000	0.2238
1,1,2,2-Tetrachloroethane	NA	NA	NA	1.00	2518.00000	0.4757	2.00	4949.00000	0.4528
1,1-Dichloroethane	NA	NA	NA	1.00	6371.00000	0.5388	2.00	11640.0000	0.4707
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	1.00	10158.0000	1.041	2.00	19220.0000	0.9514
Chloromethane	NA	NA	NA	NA	NA	NA	2.00	7223.00000	0.2921
1,1,1-Trichloroethane	NA	NA	NA	1.00	5315.00000	0.4495	2.00	10793.0000	0.4365
1,1,2-Trichloroethane	NA	NA	NA	1.00	2192.00000	0.2247	2.00	5063.00000	0.2506
1,2-Dichloroethane	NA	NA	NA	1.00	4936.00000	0.4175	2.00	9031.00000	0.3652
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	1.00	13062.0000	1.105	2.00	24454.0000	0.9889
Bromodichloromethane	NA	NA	NA	1.00	3791.00000	0.3206	2.00	7107.00000	0.2874
Bromomethane	NA	NA	NA	NA	NA	NA	2.00	4289.00000	0.1735
Carbon Disulfide	NA	NA	NA	1.00	10373.0000	0.8773	2.00	18405.0000	0.7443
Carbon Tetrachloride	NA	NA	NA	1.00	4530.00000	0.3831	2.00	8109.00000	0.3279
Chloroethane	NA	NA	NA	NA	NA	NA	2.00	3688.00000	0.1491
Dibromochloromethane	NA	NA	NA	1.00	2425.00000	0.2486	2.00	5462.00000	0.2704
Methylene Chloride	NA	NA	NA	NA	NA	NA	2.00	9783.00000	0.3956
Styrene	NA	NA	NA	1.00	7337.00000	0.7520	2.00	14376.0000	0.7116
Tetrachloroethene	NA	NA	NA	1.00	3147.00000	0.3226	2.00	5504.00000	0.2725
Trichloroethene	NA	NA	NA	1.00	3902.00000	0.3300	2.00	7125.00000	0.2881
cis-1,2-Dichloroethene	NA	NA	NA	1.00	3356.00000	0.2838	2.00	6567.00000	0.2656
cis-1,3-Dichloropropene	NA	NA	NA	1.00	3996.00000	0.3380	2.00	8421.00000	0.3406
m-,p-Xylene	1.00	6218.00000	0.5264	2.00	11873.0000	0.6085	4.00	21822.0000	0.5401
o-Xylene	NA	NA	NA	1.00	4955.00000	0.5079	2.00	9265.00000	0.4586
trans-1,2-Dichloroethene	NA	NA	NA	1.00	3430.00000	0.2901	2.00	6441.00000	0.2605
trans-1,3-Dichloropropene	NA	NA	NA	1.00	3849.00000	0.3945	2.00	7618.00000	0.3771

INITIAL CALIBRATION DATA

Login Number: L0709098

Instrument ID: HPMS9

Analytical Method: 8260B

Initial Calibration Date: 14-AUG-07 16:27

Column ID: F

Analyte	WG247666-05			WG247666-06			WG247666-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	5.00	14875.0000	0.2351	10.0	31107.0000	0.2406	20.0	68490.0000	0.2678
1,2-Dichloropropane	5.00	15882.0000	0.2510	10.0	30747.0000	0.2378	20.0	65763.0000	0.2572
Chloroform	5.00	30945.0000	0.4891	10.0	62326.0000	0.4820	20.0	130336.0000	0.5097
Ethylbenzene	5.00	24930.0000	0.4774	10.0	52348.0000	0.4926	20.0	111138.0000	0.5352
Toluene	5.00	71672.0000	1.373	10.0	143297.0000	1.349	20.0	302742.0000	1.458
Vinyl Chloride	5.00	13539.0000	0.2140	10.0	25395.0000	0.1964	20.0	55767.0000	0.2181
1,1,2,2-Tetrachloroethane	5.00	14825.0000	0.5233	10.0	28991.0000	0.4976	20.0	57588.0000	0.5098
1,1-Dichloroethane	5.00	32792.0000	0.5183	10.0	64311.0000	0.4974	20.0	134603.0000	0.5264
Bromoform	5.00	8692.00000	0.1665	10.0	17608.0000	0.1657	20.0	37303.0000	0.1796
Chlorobenzene	5.00	50583.0000	0.9687	10.0	101298.0000	0.9532	20.0	204989.0000	0.9871
Chloromethane	5.00	18421.0000	0.2912	10.0	36719.0000	0.2840	20.0	77875.0000	0.3045
1,1,1-Trichloroethane	5.00	29429.0000	0.4652	10.0	59656.0000	0.4614	20.0	129329.0000	0.5057
1,1,2-Trichloroethane	5.00	13767.0000	0.2636	10.0	27062.0000	0.2547	20.0	53720.0000	0.2587
1,2-Dichloroethane	5.00	24924.0000	0.3940	10.0	49332.0000	0.3815	20.0	97816.0000	0.3825
2-Butanone	5.00	8046.00000	0.1272	10.0	16062.0000	0.1242	20.0	29863.0000	0.1168
2-Hexanone	5.00	10139.0000	0.1942	10.0	21872.0000	0.2058	20.0	41727.0000	0.2009
4-Methyl-2-Pentanone	5.00	5269.00000	0.08330	10.0	10844.0000	0.08390	20.0	21972.0000	0.08590
Acetone	5.00	9707.00000	0.1534	10.0	14059.0000	0.1087	20.0	22443.0000	0.08780
Benzene	5.00	65434.0000	1.034	10.0	132547.0000	1.025	20.0	277331.0000	1.085
Bromodichloromethane	5.00	20052.0000	0.3170	10.0	41393.0000	0.3201	20.0	87611.0000	0.3426
Bromomethane	5.00	9732.00000	0.1538	10.0	19522.0000	0.1510	20.0	40211.0000	0.1572
Carbon Disulfide	5.00	53202.0000	0.8410	10.0	102702.0000	0.7943	20.0	223592.0000	0.8744
Carbon Tetrachloride	5.00	23649.0000	0.3738	10.0	49487.0000	0.3827	20.0	112791.0000	0.4411
Chloroethane	5.00	10013.0000	0.1583	10.0	21370.0000	0.1653	20.0	47599.0000	0.1861
Dibromochloromethane	5.00	15353.0000	0.2940	10.0	31988.0000	0.3010	20.0	67726.0000	0.3261
Methylene Chloride	5.00	19874.0000	0.3141	10.0	39027.0000	0.3018	20.0	71004.0000	0.2777
Styrene	5.00	44443.0000	0.8511	10.0	94385.0000	0.8882	20.0	200390.0000	0.9649
Tetrachloroethene	5.00	15523.0000	0.2973	10.0	30586.0000	0.2878	20.0	64846.0000	0.3123
Trichloroethene	5.00	19827.0000	0.3134	10.0	39948.0000	0.3089	20.0	86385.0000	0.3378
cis-1,2-Dichloroethene	5.00	17946.0000	0.2837	10.0	35963.0000	0.2781	20.0	77229.0000	0.3020
cis-1,3-Dichloropropene	5.00	23535.0000	0.3720	10.0	48434.0000	0.3746	20.0	103271.0000	0.4038
m-,p-Xylene	10.0	62268.0000	0.5962	20.0	125789.0000	0.5919	40.0	267461.0000	0.6439
o-Xylene	5.00	28187.0000	0.5398	10.0	58998.0000	0.5552	20.0	125084.0000	0.6023
trans-1,2-Dichloroethene	5.00	17259.0000	0.2728	10.0	35075.0000	0.2713	20.0	76350.0000	0.2986
trans-1,3-Dichloropropene	5.00	22626.0000	0.4333	10.0	46688.0000	0.4393	20.0	98322.0000	0.4734

INITIAL CALIBRATION DATA

Login Number: L0709098
 Analytical Method: 8260B

Instrument ID: HPMS9
 Initial Calibration Date: 14-AUG-07 16:27
 Column ID: F

Analyte	WG247666-08			WG247666-09			WG247666-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	183254.000	0.2776	100	360133.000	0.2618	200	705735.000	0.2396
1,2-Dichloropropane	50.0	176504.000	0.2673	100	342111.000	0.2487	200	682026.000	0.2315
Chloroform	50.0	338189.000	0.5122	100	651552.000	0.4737	200	1273387.00	0.4323
Ethylbenzene	50.0	294496.000	0.5393	100	576165.000	0.5103	200	1096359.00	0.4602
Toluene	50.0	799517.000	1.464	100	1563303.00	1.385	200	2968645.00	1.246
Vinyl Chloride	50.0	132627.000	0.2009	100	243329.000	0.1769	NA	NA	NA
1,1,2,2-Tetrachloroethane	50.0	159484.000	0.5309	100	289066.000	0.4767	200	595015.000	0.4702
1,1-Dichloroethane	50.0	354244.000	0.5366	100	685878.000	0.4987	200	1339085.00	0.4546
Bromoform	50.0	110668.000	0.2027	100	216193.000	0.1915	200	431684.000	0.1812
Chlorobenzene	50.0	548531.000	1.005	100	1060166.00	0.9390	200	2023035.00	0.8492
Chloromethane	50.0	199178.000	0.3017	100	382956.000	0.2784	200	726280.000	0.2466
1,1,1-Trichloroethane	50.0	338064.000	0.5121	100	657718.000	0.4782	200	1257952.00	0.4271
1,1,2-Trichloroethane	50.0	145373.000	0.2662	100	278880.000	0.2470	200	555444.000	0.2332
1,2-Dichloroethane	50.0	257877.000	0.3906	100	482650.000	0.3509	200	941425.000	0.3196
2-Butanone	50.0	82648.0000	0.1252	100	145385.000	0.1057	200	326858.000	0.1110
2-Hexanone	50.0	125489.000	0.2298	100	213276.000	0.1889	200	454878.000	0.1909
4-Methyl-2-Pentanone	50.0	64775.0000	0.09810	100	115477.000	0.08400	200	253038.000	0.08590
Acetone	50.0	54075.0000	0.08190	100	97297.0000	0.07070	200	205499.000	0.06980
Benzene	50.0	728751.000	1.104	100	1419556.00	1.032	200	2723816.00	0.9247
Bromodichloromethane	50.0	236809.000	0.3587	100	462577.000	0.3363	200	918456.000	0.3118
Bromomethane	50.0	99932.0000	0.1514	100	193021.000	0.1403	200	346491.000	0.1176
Carbon Disulfide	50.0	590944.000	0.8951	100	1186212.00	0.8624	200	2299960.00	0.7808
Carbon Tetrachloride	50.0	304944.000	0.4619	100	604504.000	0.4395	200	1171227.00	0.3976
Chloroethane	50.0	117147.000	0.1774	100	231785.000	0.1685	200	440066.000	0.1494
Dibromochloromethane	50.0	194209.000	0.3556	100	380562.000	0.3371	200	766916.000	0.3219
Methylene Chloride	50.0	180130.000	0.2728	100	346971.000	0.2523	200	671193.000	0.2279
Styrene	50.0	554391.000	1.015	100	1092334.00	0.9675	200	2071195.00	0.8694
Tetrachloroethene	50.0	174803.000	0.3201	100	339043.000	0.3003	200	657621.000	0.2760
Trichloroethene	50.0	230332.000	0.3489	100	455903.000	0.3315	200	886102.000	0.3008
cis-1,2-Dichloroethene	50.0	207440.000	0.3142	100	404406.000	0.2940	200	799214.000	0.2713
cis-1,3-Dichloropropene	50.0	283058.000	0.4287	100	550976.000	0.4006	200	1093319.00	0.3712
m-,p-Xylene	100	719081.000	0.6584	200	1410638.00	0.6247	400	2617273.00	0.5493
o-Xylene	50.0	339346.000	0.6214	100	664243.000	0.5883	200	1259660.00	0.5288
trans-1,2-Dichloroethene	50.0	203609.000	0.3084	100	399507.000	0.2905	200	782075.000	0.2655
trans-1,3-Dichloropropene	50.0	265653.000	0.4865	100	508231.000	0.4501	200	997490.000	0.4187

INITIAL CALIBRATION DATA

Login Number:L0709098

Instrument ID:HPMS9

Analytical Method:8260B

Initial Calibration Date:14-AUG-07 16:27

Column ID:F

Analyte	WG247666-11		
	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
2-Butanone	300	425903.000	0.1029
2-Hexanone	300	582879.000	0.1753
4-Methyl-2-Pentanone	300	340663.000	0.08230
Acetone	300	261331.000	0.06310
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Bromochloromethane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	NA	NA	NA
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number: L0709098 Run Date: 09/06/2007 Sample ID: WG249372-11
 Instrument ID: HPMS11 Run Time: 14:21 Method: 8260B
 File ID: 11M45228 Analvt: MES QC Key: STD
 ICal Workgroup: WG249372 Cal ID: HPMS11 - 05-SEP-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	22.4	ug/L	0.558	12.2	30	
1,1-Dichloroethene	CCC	20.0	23.4	ug/L	0.553	17.0	30	
1,2-Dichloropropane	CCC	20.0	22.3	ug/L	0.302	11.6	30	
Ethylbenzene	CCC	20.0	22.1	ug/L	0.552	10.5	30	
Toluene	CCC	20.0	21.8	ug/L	1.54	9.00	30	
Vinyl Chloride	CCC	20.0	22.6	ug/L	0.375	13.2	30	
Bromoform	SPCC	20.0	19.2	ug/L	0.152	4.10	30	
Chlorobenzene	SPCC	20.0	21.2	ug/L	1.01	6.20	30	
Chloromethane	SPCC	20.0	21.0	ug/L	0.366	4.90	30	
1,1-Dichloroethane	SPCC	20.0	22.2	ug/L	0.629	11.1	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.6	ug/L	0.414	8.20	30	
Acetone		20.0	21.2	ug/L	0.0418	6.10	30	
Benzene		20.0	21.6	ug/L	1.04	8.10	30	
Bromodichloromethane		20.0	23.0	ug/L	0.400	14.8	30	
Bromomethane		20.0	22.6	ug/L	0.193	13.2	30	
2-Butanone		20.0	20.3	ug/L	0.0534	1.70	30	
Carbon Disulfide		20.0	19.2	ug/L	0.705	3.90	30	
Carbon Tetrachloride		20.0	21.2	ug/L	0.446	5.90	30	
Dibromochloromethane		20.0	20.1	ug/L	0.316	0.500	30	
Chloroethane		20.0	22.8	ug/L	0.251	14.1	30	
1,2-Dichloroethane		20.0	21.6	ug/L	0.451	8.10	30	
cis-1,2-Dichloroethene		20.0	22.3	ug/L	0.286	11.7	30	
trans-1,2-Dichloroethene		20.0	21.9	ug/L	0.274	9.50	30	
cis-1,3-Dichloropropene		20.0	22.4	ug/L	0.437	12.0	30	
trans-1,3-Dichloropropene		20.0	21.1	ug/L	0.515	5.30	30	
2-Hexanone		20.0	19.7	ug/L	0.115	1.50	30	
4-Methyl-2-Pentanone		20.0	20.2	ug/L	0.0591	0.900	30	
Methylene Chloride		20.0	20.8	ug/L	0.272	4.20	30	
Styrene		20.0	22.3	ug/L	1.09	11.3	30	
Tetrachloroethene		20.0	20.7	ug/L	0.286	3.70	30	
1,1,1-Trichloroethane		20.0	23.4	ug/L	0.547	16.9	30	
1,1,2-Trichloroethane		20.0	21.3	ug/L	0.238	6.30	30	
Trichloroethene		20.0	22.7	ug/L	0.276	13.7	30	
o-Xylene		20.0	21.6	ug/L	0.656	8.00	30	
m-,p-Xylene		40.0	43.3	ug/L	0.685	8.20	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
 SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (ALT)
 Version 1.5 PDF File ID: 880355
 Report generated 09/20/2007 16:09

KEMRON Environmental Services
ALTERNATE SOURCE CALIBRATION REPORT

952 65

Login Number: L0709098 Run Date: 08/14/2007 Sample ID: WG247666-12
Instrument ID: HPMS9 Run Time: 18:01 Method: 8260B
File ID: 9M56020 Analyst: MES QC Key: STD
ICal Workgroup: WG247666 Cal ID: HPMS9 - 14-AUG-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	21.0	ug/kg	0.513	4.90	30	
1,1-Dichloroethene	CCC	20.0	23.7	ug/kg	0.293	18.6	30	
1,2-Dichloropropane	CCC	20.0	22.8	ug/kg	0.279	14.0	30	
Ethylbenzene	CCC	20.0	22.8	ug/kg	0.561	13.8	30	
Toluene	CCC	20.0	22.4	ug/kg	1.53	11.9	30	
Vinyl Chloride	CCC	20.0	22.6	ug/kg	0.232	13.2	30	
Bromoform	SPCC	20.0	21.1	ug/kg	0.191	5.40	30	
Chlorobenzene	SPCC	20.0	21.7	ug/kg	1.04	8.50	30	
Chloromethane	SPCC	20.0	24.3	ug/kg	0.347	21.7	30	
1,1-Dichloroethane	SPCC	20.0	21.1	ug/kg	0.534	5.60	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	22.3	ug/kg	0.549	11.5	30	
Acetone		20.0	22.2	ug/kg	0.0985	11.0	30	
Benzene		20.0	22.2	ug/kg	1.15	11.1	30	
Bromodichloromethane		20.0	22.1	ug/kg	0.358	10.3	30	
Bromomethane		20.0	22.7	ug/kg	0.170	13.6	30	
2-Butanone		20.0	20.3	ug/kg	0.118	1.50	30	
Carbon Disulfide		20.0	19.2	ug/kg	0.802	3.80	30	
Carbon Tetrachloride		20.0	22.1	ug/kg	0.442	10.3	30	
Dibromochloromethane		20.0	22.1	ug/kg	0.339	10.6	30	
Chloroethane		20.0	22.9	ug/kg	0.189	14.3	30	
1,2-Dichloroethane		20.0	20.2	ug/kg	0.380	1.20	30	
cis-1,2-Dichloroethene		20.0	22.8	ug/kg	0.327	14.2	30	
trans-1,2-Dichloroethene		20.0	22.0	ug/kg	0.311	10.1	30	
cis-1,3-Dichloropropene		20.0	22.5	ug/kg	0.425	12.3	30	
trans-1,3-Dichloropropene		20.0	20.4	ug/kg	0.443	2.10	30	
2-Hexanone		20.0	21.8	ug/kg	0.216	9.00	30	
Methylene Chloride		20.0	21.0	ug/kg	0.297	5.10	30	
4-Methyl-2-Pentanone		20.0	22.7	ug/kg	0.0980	13.7	30	
Styrene		20.0	23.7	ug/kg	1.04	18.4	30	
Tetrachloroethene		20.0	22.2	ug/kg	0.332	11.2	30	
1,1,1-Trichloroethane		20.0	21.4	ug/kg	0.501	7.20	30	
1,1,2-Trichloroethane		20.0	22.5	ug/kg	0.281	12.5	30	
Trichloroethene		20.0	23.2	ug/kg	0.371	15.9	30	
o-Xylene		20.0	22.9	ug/kg	0.630	14.5	30	
m-,p-Xylene		40.0	45.5	ug/kg	0.675	13.8	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (ALT)
Version 1.5 PDF File ID: 880355
Report generated 09/20/2007 16:09

952 66

CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0709098 Run Date: 09/10/2007 Sample ID: WG249715-02
 Instrument ID: HPMS11 Run Time: 14:00 Method: 8260B
 File ID: 11M45323 Analyst: MES QC Key: STD
 Workgroup (AAB#): WG249716 Cal ID: HPMS11 - 05-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	49.7	ug/L	0.494	0.636	20	
1,1-Dichloroethene	CCC	50.0	52.3	ug/L	0.494	4.52	20	
1,2-Dichloropropane	CCC	50.0	48.1	ug/L	0.260	3.73	20	
Ethylbenzene	CCC	50.0	51.0	ug/L	0.510	2.06	20	
Toluene	CCC	50.0	50.4	ug/L	1.42	0.755	20	
Vinyl Chloride	CCC	50.0	49.6	ug/L	0.328	0.896	20	
Bromoform	SPCC	50.0	48.3	ug/L	0.154	3.34	40	
Chlorobenzene	SPCC	50.0	50.4	ug/L	0.957	0.802	40	
Chloromethane	SPCC	50.0	47.4	ug/L	0.330	5.25	40	
1,1-Dichloroethane	SPCC	50.0	49.4	ug/L	0.559	1.20	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	49.9	ug/L	0.381	0.206	40	
Acetone		50.0	40.2	ug/L	0.0317	19.5	40	
Benzene		50.0	46.3	ug/L	0.895	7.34	40	
Bromodichloromethane		50.0	50.8	ug/L	0.354	1.58	40	
Bromomethane		50.0	47.2	ug/L	0.164	5.62	40	
2-Butanone		50.0	46.2	ug/L	0.0485	7.63	40	
Carbon Disulfide		50.0	45.8	ug/L	0.672	8.33	40	
Carbon Tetrachloride		50.0	47.5	ug/L	0.399	5.09	40	
Dibromochloromethane		50.0	49.4	ug/L	0.311	1.23	40	
Chloroethane		50.0	48.9	ug/L	0.215	2.19	40	
1,2-Dichloroethane		50.0	49.4	ug/L	0.413	1.16	40	
cis-1,2-Dichloroethene		50.0	47.9	ug/L	0.246	4.15	40	
trans-1,2-Dichloroethene		50.0	47.7	ug/L	0.239	4.65	40	
cis-1,3-Dichloropropene		50.0	49.1	ug/L	0.383	1.89	40	
trans-1,3-Dichloropropene		50.0	53.9	ug/L	0.528	7.80	40	
2-Hexanone		50.0	53.3	ug/L	0.124	6.62	40	
4-Methyl-2-Pentanone		50.0	45.3	ug/L	0.0531	9.34	40	
Methylene Chloride		50.0	44.8	ug/L	0.229	10.4	40	
Styrene		50.0	52.0	ug/L	1.02	4.03	40	
Tetrachloroethene		50.0	47.1	ug/L	0.259	5.76	40	
1,1,1-Trichloroethane		50.0	51.2	ug/L	0.479	2.35	40	
1,1,2-Trichloroethane		50.0	47.7	ug/L	0.212	4.62	40	
Trichloroethene		50.0	47.2	ug/L	0.229	5.69	40	
o-Xylene		50.0	50.3	ug/L	0.610	0.531	40	
m-,p-Xylene		100	103	ug/L	0.653	3.20	40	
Xylenes		150	153	ug/L	0.632	2.31	40	
1,2-Dichloroethene		100	95.6	ug/L	0.242	4.40	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds

SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (CCV)
 Version 1.5 PDF File ID: 880357
 Report generated 09/20/2007 16:09

Login Number: L0709098 Run Date: 09/14/2007 Sample ID: WG250096-02
 Instrument ID: HPMS9 Run Time: 10:03 Method: 8260B
 File ID: 9M56752 Analyst: MES QC Key: STD
 Workgroup (AAB#): WG250097 Cal ID: HPMS9 - 14-AUG-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	46.3	ug/kg	0.453	7.35	20	
1,1-Dichloroethene	CCC	50.0	53.1	ug/kg	0.262	6.14	20	
1,2-Dichloropropane	CCC	50.0	50.8	ug/kg	0.249	1.68	20	
Ethylbenzene	CCC	50.0	53.0	ug/kg	0.523	6.03	20	
Toluene	CCC	50.0	51.8	ug/kg	1.41	3.63	20	
Vinyl Chloride	CCC	50.0	42.9	ug/kg	0.176	14.3	20	
Bromoform	SPCC	50.0	58.3	ug/kg	0.211	16.7	40	
Chlorobenzene	SPCC	50.0	51.4	ug/kg	0.989	2.84	40	
Chloromethane	SPCC	50.0	41.9	ug/kg	0.239	16.2	40	
1,1-Dichloroethane	SPCC	50.0	46.3	ug/kg	0.468	7.46	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	51.1	ug/kg	0.503	2.26	40	
Acetone		50.0	50.0	ug/kg	0.0797	0.0978	40	
Benzene		50.0	50.6	ug/kg	1.05	1.23	40	
Bromodichloromethane		50.0	50.1	ug/kg	0.325	0.261	40	
Bromomethane		50.0	43.2	ug/kg	0.129	13.7	40	
2-Butanone		50.0	51.6	ug/kg	0.120	3.11	40	
Carbon Disulfide		50.0	48.0	ug/kg	0.801	3.96	40	
Carbon Tetrachloride		50.0	52.2	ug/kg	0.419	4.38	40	
Dibromochloromethane		50.0	56.5	ug/kg	0.347	13.0	40	
Chloroethane		50.0	47.1	ug/kg	0.155	5.86	40	
1,2-Dichloroethane		50.0	44.9	ug/kg	0.337	10.1	40	
cis-1,2-Dichloroethene		50.0	52.4	ug/kg	0.300	4.75	40	
trans-1,2-Dichloroethene		50.0	53.1	ug/kg	0.300	6.14	40	
cis-1,3-Dichloropropene		50.0	52.5	ug/kg	0.397	4.94	40	
trans-1,3-Dichloropropene		50.0	50.5	ug/kg	0.438	0.902	40	
2-Hexanone		50.0	55.9	ug/kg	0.221	11.7	40	
Methylene Chloride		50.0	47.8	ug/kg	0.257	4.36	40	
4-Methyl-2-Pentanone		50.0	61.4	ug/kg	0.106	22.7	40	
Styrene		50.0	57.0	ug/kg	1.00	14.0	40	
Tetrachloroethene		50.0	53.8	ug/kg	0.321	7.55	40	
1,1,1-Trichloroethane		50.0	47.7	ug/kg	0.445	4.65	40	
1,1,2-Trichloroethane		50.0	53.0	ug/kg	0.265	5.91	40	
Trichloroethene		50.0	55.7	ug/kg	0.357	11.4	40	
o-Xylene		50.0	55.1	ug/kg	0.606	10.1	40	
m,p-Xylene		100	108	ug/kg	0.643	8.40	40	
Xylenes		150	163	ug/kg	0.625	8.98	40	
1,2-Dichloroethene		100	105	ug/kg	0.300	5.45	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds

SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (CCV)

Version 1.5 PDF File ID: 880357

Report generated 09/20/2007 16:09

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)Login Number: L0709098_____
Instrument ID: HPMS11_____
Workgroup (AAB#): WG249716_____CCV Number: WG249715-02_____
CAL ID: HPMS11-05-SEP-07_____
Matrix: WATER_____

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249715-02	NA	NA	322653	615342	930117
Upper Limit	NA	NA	645306	1230684	1860234
Lower Limit	NA	NA	161327	307671	465059
L0709098-02	1.00	01	303791	569796	854972
WG249716-01	1.00	01	304424	565846	853661
WG249716-02	1.00	01	308154	575594	853256
WG249716-03	1.00	01	314167	591234	886646

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - FluorobenzeneUnderline = Response outside limits

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

952 69

Login Number: L0709098

Instrument ID: HPMS9

Workgroup (AAB#): WG250097

CCV Number: WG250096-02

CAL ID: HPMS9-14-AUG-07

Matrix: SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG250096-02	NA	NA	302982	530115	634211
Upper Limit	NA	NA	605964	1060230	1268422
Lower Limit	NA	NA	151491	265058	317106
L0709098-01	1.00	01	179762	443446	587054
WG250097-01	1.00	01	295206	528342	631771
WG250097-02	1.00	01	300296	533076	642744
WG250097-03	1.00	01	287050	516593	617674

IS-1 - 1,4-Dichlorobenzene-d4

IS-2 - Chlorobenzene-d5

IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)Login Number: L0709098_____
Instrument ID: HPMS11_____
Workgroup (AAB#): WG249716_____CCV Number: WG249715-02_____
CAL ID: HPMS11-05-SEP-07_____
Matrix: WATER_____

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249715-02	NA	NA	16.82	14.01	10.38
Upper Limit	NA	NA	17.32	14.51	10.88
Lower Limit	NA	NA	16.32	13.51	9.88
L0709098-02	1.00	01	16.823	14.01	10.381
WG249716-01	1.00	01	16.823	14.01	10.381
WG249716-02	1.00	01	16.823	14.01	10.381
WG249716-03	1.00	01	16.823	14.01	10.381

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - FluorobenzeneUnderline = Response outside limits

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

952 71

Login Number: L0709098_____
Instrument ID: HPMS9_____
Workgroup (AAB#): WG250097_____

CCV Number: WG250096-02_____
CAL ID: HPMS9-14-AUG-07_____
Matrix: SOLID_____

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG250096-02	NA	NA	15.23	12.26	8.41
Upper Limit	NA	NA	15.73	12.76	8.91
Lower Limit	NA	NA	14.73	11.76	7.91
L0709098-01	1.00	01	15.24	12.26	8.41
WG250097-01	1.00	01	15.23	12.26	8.41
WG250097-02	1.00	01	15.23	12.26	8.41
WG250097-03	1.00	01	15.23	12.26	8.41

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

2.1.1.3 Sample Data

Data File : C:\MSDCHEM\1\data\091407\9M56771.D Vial: 21
 Acq On : 14 Sep 2007 19:46 Operator: MES
 Sample : L0709098-01 A 826-SPE Inst : HPMS9
 Misc : 7,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 14 20:09:27 2007 Quant Results File: 826_SLST.RES
 Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Thu Aug 30 14:04:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	587054	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	443446	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	179762	50.00	ug/kg	0.00

System Monitoring Compounds						
36) Dibromofluoromethane	7.33	111	165260	51.1896	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.38%	
42) 1,2-Dichloroethane-d4	7.99	65	151157	43.0843	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.16%	
56) Toluene-d8	10.40	98	573463	56.6754	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	113.36%	
77) p-Bromofluorobenzene	13.75	95	169853	58.1615	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	116.32%	

Target Compounds			Qvalue		
13) Acetone	3.89	43	5380	1.8809	ug/kg 80
67) Chlorobenzene	12.31	112	3625	0.4250	ug/kg 93
91) 1,4-Dichlorobenzene	15.27	146	3012	0.5792	ug/kg# 59
93) 1,2-Dichlorobenzene	15.74	146	2746	0.6000	ug/kg 86

 (#) = qualifier out of range (m) = manual integration
 9M56771.D 826_SLST.M Fri Sep 14 20:09:29 2007

Page 1

Data File : C:\MSDCHEM\1\data\091407\9M56771.D

Vial: 21

Acq On : 14 Sep 2007 19:46

Operator: MES

Sample : L0709098-01 A 826-SPE

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 14 20:09 2007

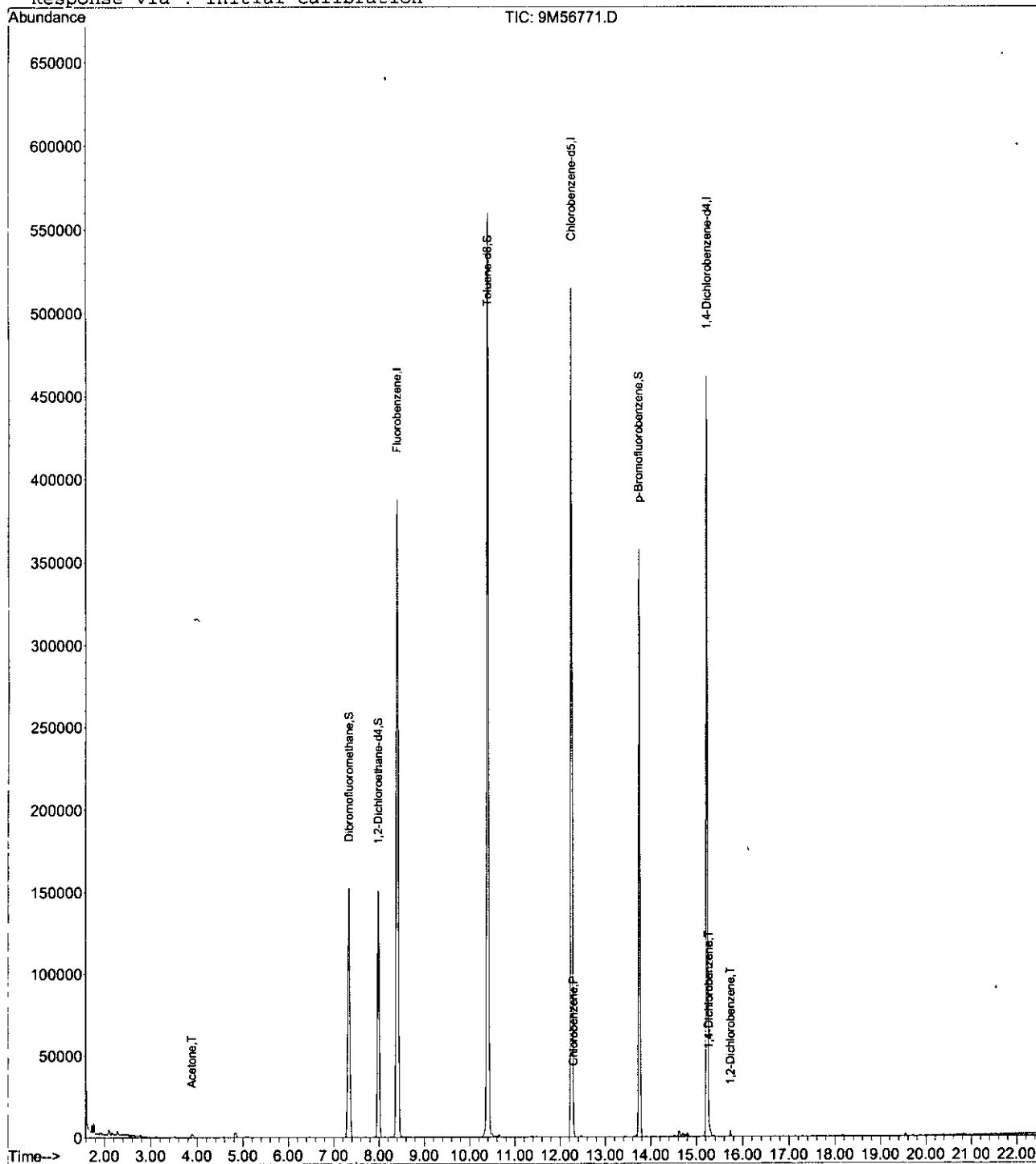
Quant Results File: 826_SLST.RES

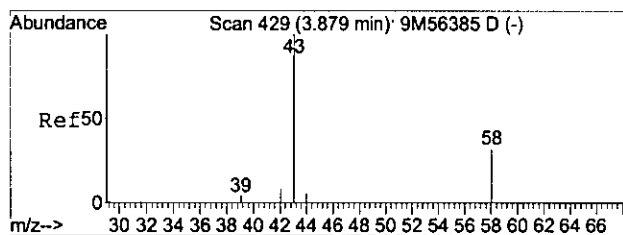
Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

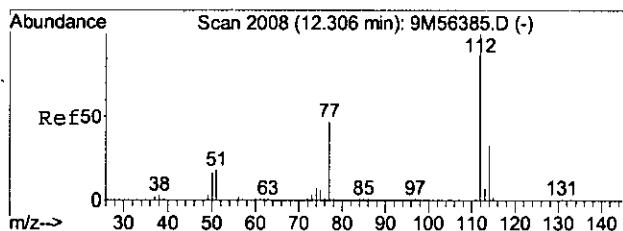
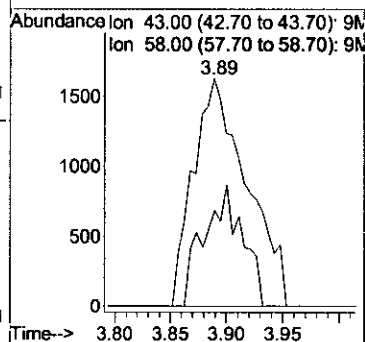
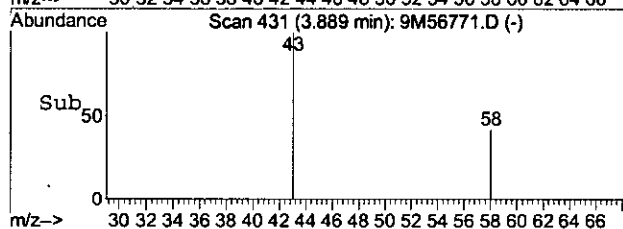
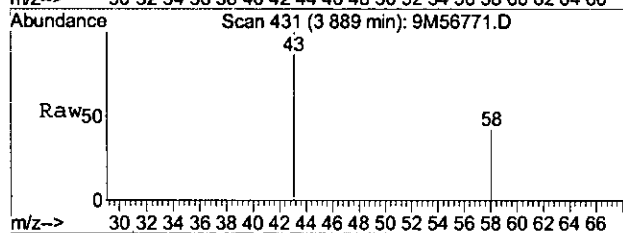
Response via : Initial Calibration





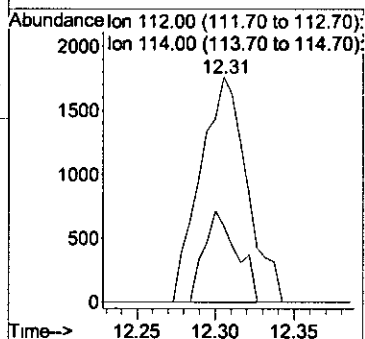
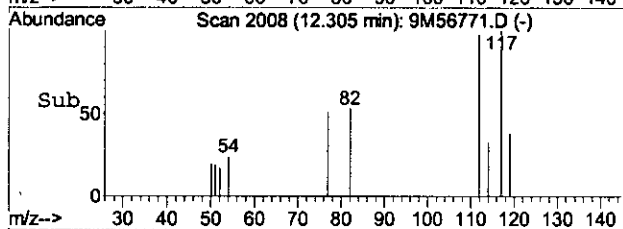
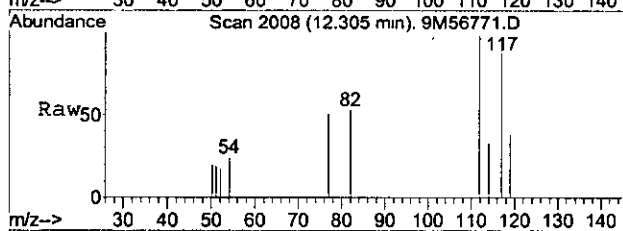
#13
Acetone
Concen: 1.88 ug/kg
RT: 3.89 min Scan# 431
Delta R.T. 0.01 min
Lab File: 9M56771.D
Acq: 14 Sep 2007 19:46

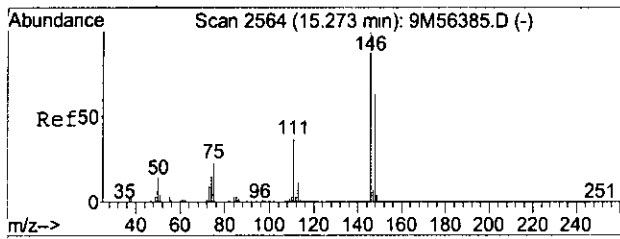
Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
58 38.1 16.7 38.9



#67
Chlorobenzene
Concen: 0.42 ug/kg
RT: 12.31 min Scan# 2008
Delta R.T. -0.00 min
Lab File: 9M56771.D
Acq: 14 Sep 2007 19:46

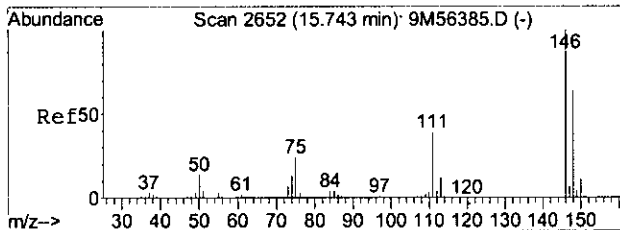
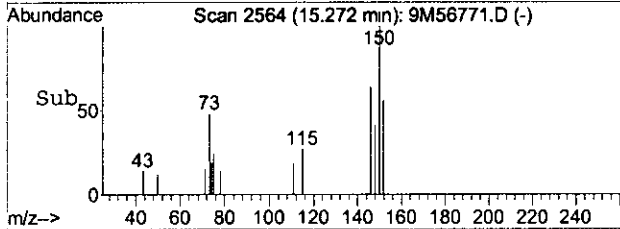
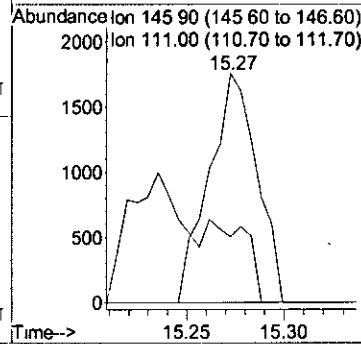
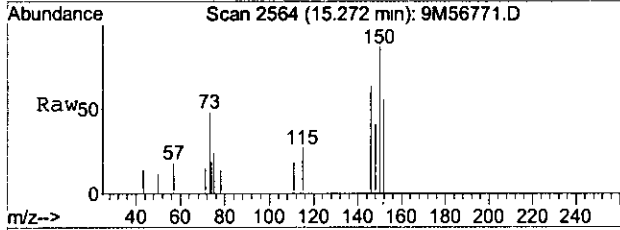
Tgt Ion: 112 Resp: 3625
Ion Ratio Lower Upper
112 100
114 28.5 19.4 45.4





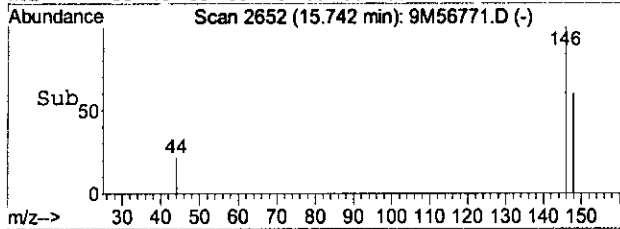
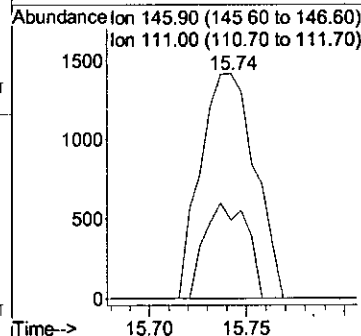
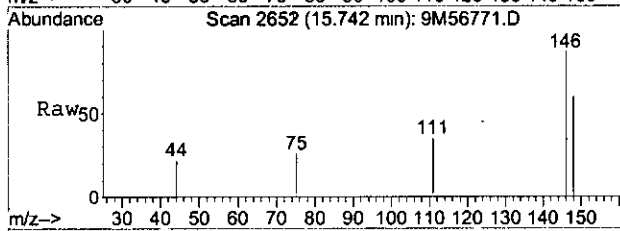
#91
1,4-Dichlorobenzene
Concen: 0.58 ug/kg
RT: 15.27 min Scan# 2564
Delta R.T. -0.00 min
Lab File: 9M56771.D
Acq: 14 Sep 2007 19:46

Tgt Ion:146 Resp: 3012
Ion Ratio Lower Upper
146 100
111 65.2 23.8 55.6#



#93
1,2-Dichlorobenzene
Concen: 0.60 ug/kg
RT: 15.74 min Scan# 2652
Delta R.T. -0.00 min
Lab File: 9M56771.D
Acq: 14 Sep 2007 19:46

Tgt Ion:146 Resp: 2746
Ion Ratio Lower Upper
146 100
111 32.8 24.9 58.1



Data File : C:\MSDCHEM\1\DATA\091007\11M45330.D Vial: 9
 Acq On : 10 Sep 2007 17:31 Operator: MES
 Sample : L0709098-02 A 826-SPE Inst : HPMS11
 Misc : 1,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 10 17:53:15 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Thu Sep 06 14:39:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	854972	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	569796	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	303791	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	197499	22.3711235	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	89.48%		
42) 1,2-Dichloroethane-d4	9.988	65	264676	22.8734674	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	91.49%		
56) Toluene-d8	12.242	98	708914	23.4034513	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	93.61%		
77) p-Bromofluorobenzene	15.406	95	289755	24.0556780	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	96.22%		
Target Compounds						
3) Chloromethane	3.52	50	4479	0.3761	ug/L	97
13) Acetone	6.10	43	2066	1.5349	ug/L	84
19) Methylene Chloride	7.07	84	5885	Below Cal		94
95) 1,2,4-Trichlorobenzene	19.29	180	229	0.1793	ug/L #	43
97) Naphthalene	19.62	128	968	0.2028	ug/L #	70

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45330.D 8260WT.M Mon Sep 10 17:53:16 2007

Data File : C:\MSDchem\1\DATA\091007\11M45330.D

Vial: 9

Acq On : 10 Sep 2007 17:31

Operator: MES

Sample : L0709098-02 A 826-SPE

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 10 17:53 2007

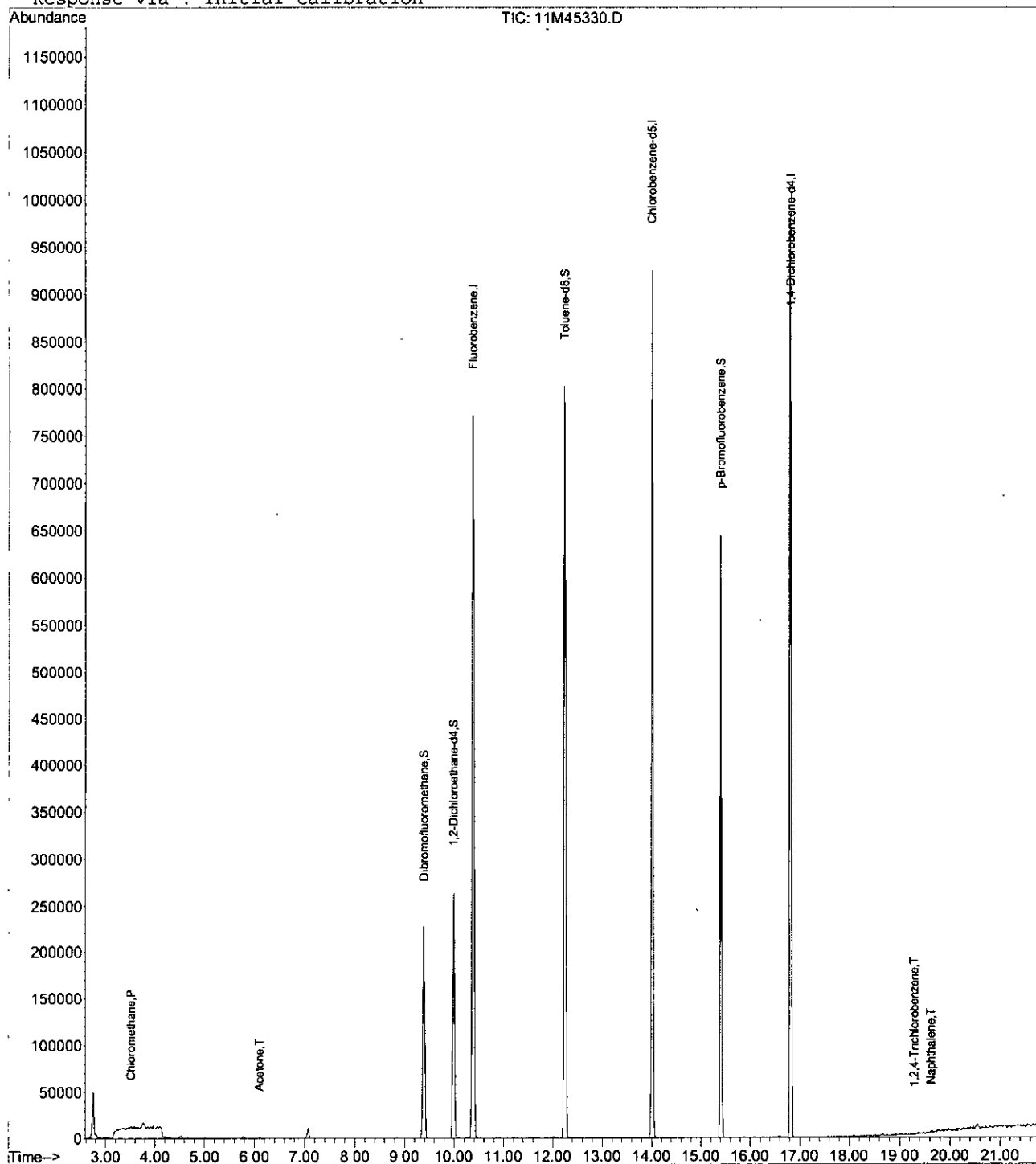
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

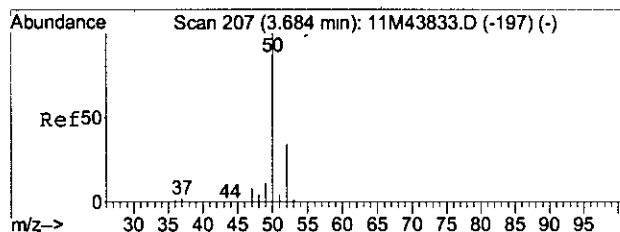
Response via : Initial Calibration



11M45330.D 8260WT.M

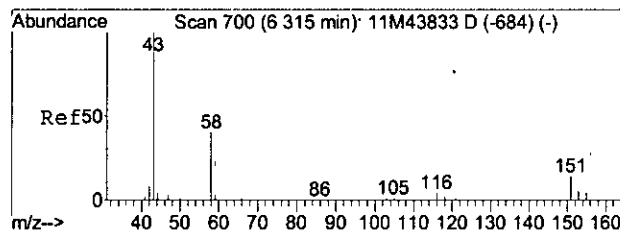
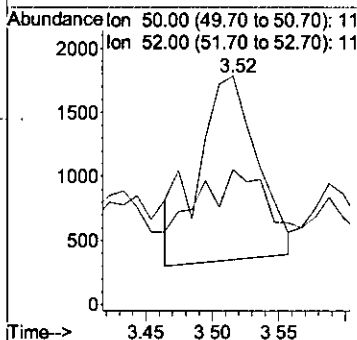
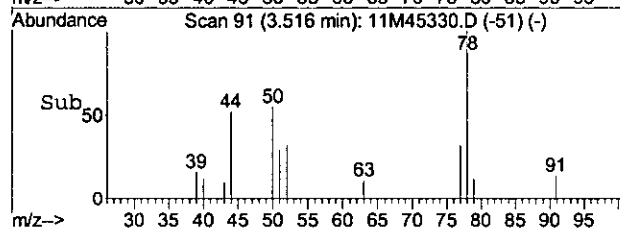
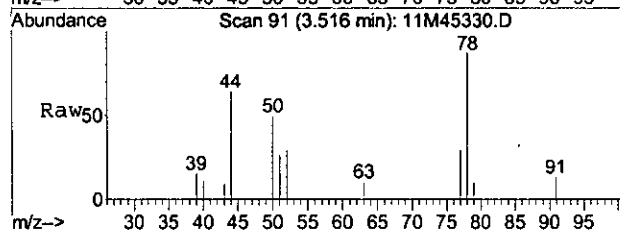
Mon Sep 10 17:53:16 2007

Page 2



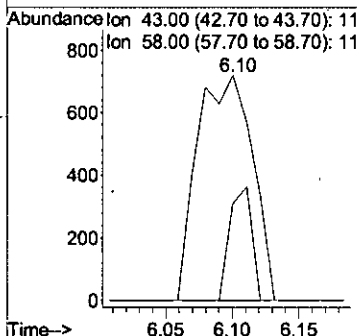
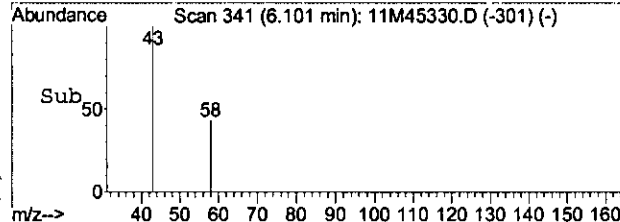
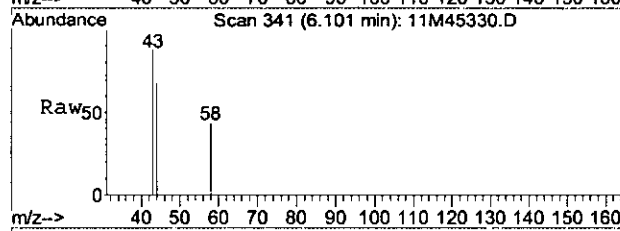
#3
Chloromethane
Concen: 0.3761 ug/L
RT: 3.52 min Scan# 91
Delta R.T. 0.01 min
Lab File: 11M45330.D
Acq: 10 Sep 2007 17:31

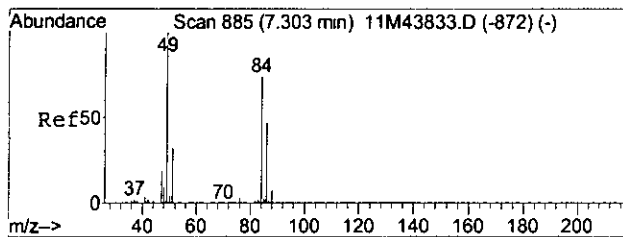
Tgt Ion: 50 Resp: 4479
Ion Ratio Lower Upper
50 100
52 35.9 20.5 47.7



#13
Acetone
Concen: 1.5349 ug/L
RT: 6.10 min Scan# 341
Delta R.T. 0.01 min
Lab File: 11M45330.D
Acq: 10 Sep 2007 17:31

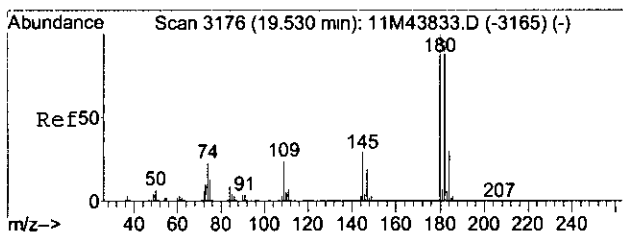
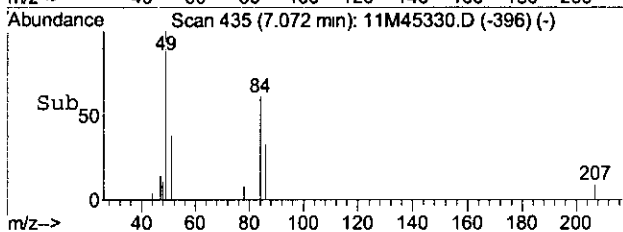
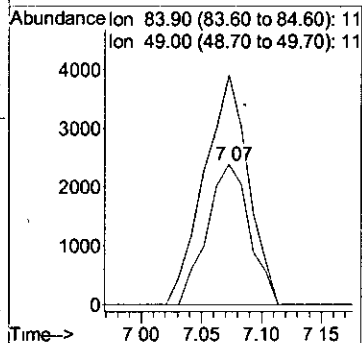
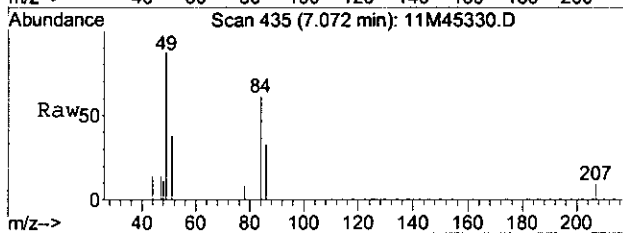
Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 20.2 17.2 40.0





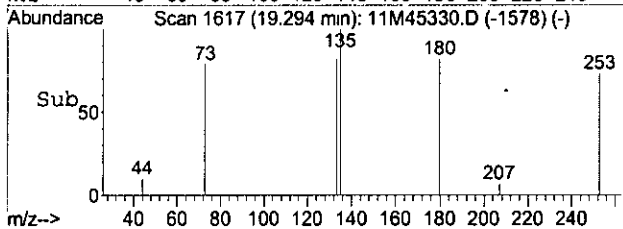
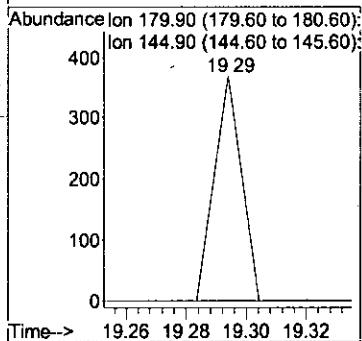
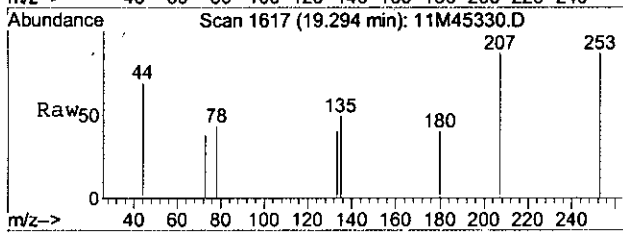
#19
Methylene Chloride
Concen: Below Cal
RT: 7.07 min Scan# 435
Delta R.T. 0.00 min
Lab File: 11M45330.D
Acq: 10 Sep 2007 17:31

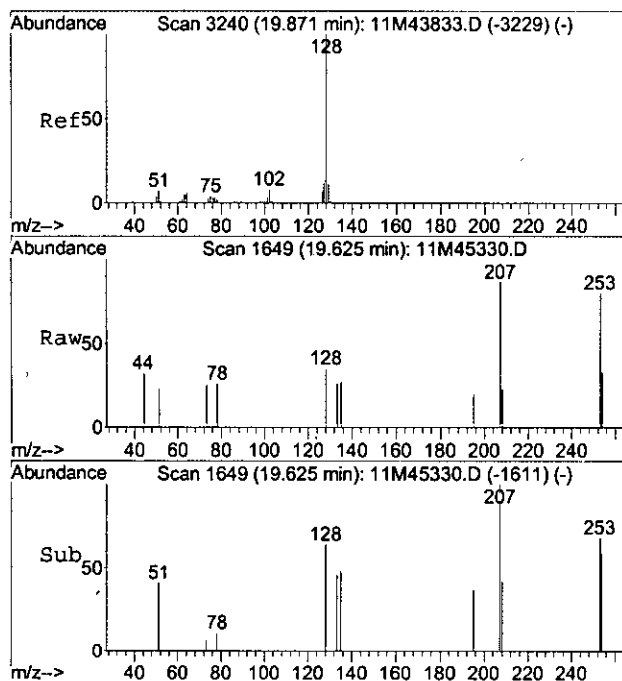
Tgt Ion: 84 Resp: 5885
Ion Ratio Lower Upper
84 100
49 169.6 96.7 225.5



#95
1,2,4-Trichlorobenzene
Concen: 0.1793 ug/L
RT: 19.29 min Scan# 1617
Delta R.T. 0.00 min
Lab File: 11M45330.D
Acq: 10 Sep 2007 17:31

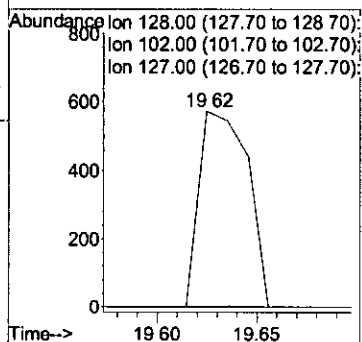
Tgt Ion: 180 Resp: 229
Ion Ratio Lower Upper
180 100
145 0.0 19.2 44.8#





#97
Naphthalene
Concen: 0.2028 ug/L
RT: 19.62 min Scan# 1649
Delta R.T. -0.01 min
Lab File: 11M45330.D
Acq: 10 Sep 2007 17:31

Tgt Ion: 128 Resp: 968
Ion Ratio Lower Upper
128 100
102 0.0 9.2 11.2#
127 0.0 11.3 13.9#



2.1.1.4 Standards Data

Data File : C:\MSDCHEM\1\DATA\090507\11M45207.D Vial: 2
 Acq On : 5 Sep 2007 13:51 Operator: MES
 Sample : WG249372-02 0.3 ug/L WATER STD 8260 Inst : HPMS11
 Misc : 1,1 STD21737 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 06 08:49:18 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Thu Sep 06 08:49:14 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	756533	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	529756	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	275931	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	0.000	111	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 86 - 118	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.000	65	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 80 - 120	Recovery	=	0.00%#	
56) Toluene-d8	0.000	98	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 88 - 110	Recovery	=	0.00%#	
77) p-Bromofluorobenzene	0.000	95	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 86 - 115	Recovery	=	0.00%#	

Target Compounds

				Qvalue	
33) Chloroform	9.12	83	3476	0.2309 ug/L	92
81) Bromobenzene	15.67	156	1698	0.2503 ug/L	74
91) 1,4-Dichlorobenzene	16.86	146	3531	0.2510 ug/L #	1
93) 1,2-Dichlorobenzene	17.33	146	3316	0.2709 ug/L	90
98) 1,2,3-Trichlorobenzene	19.92	180	2801	0.3851 ug/L #	69

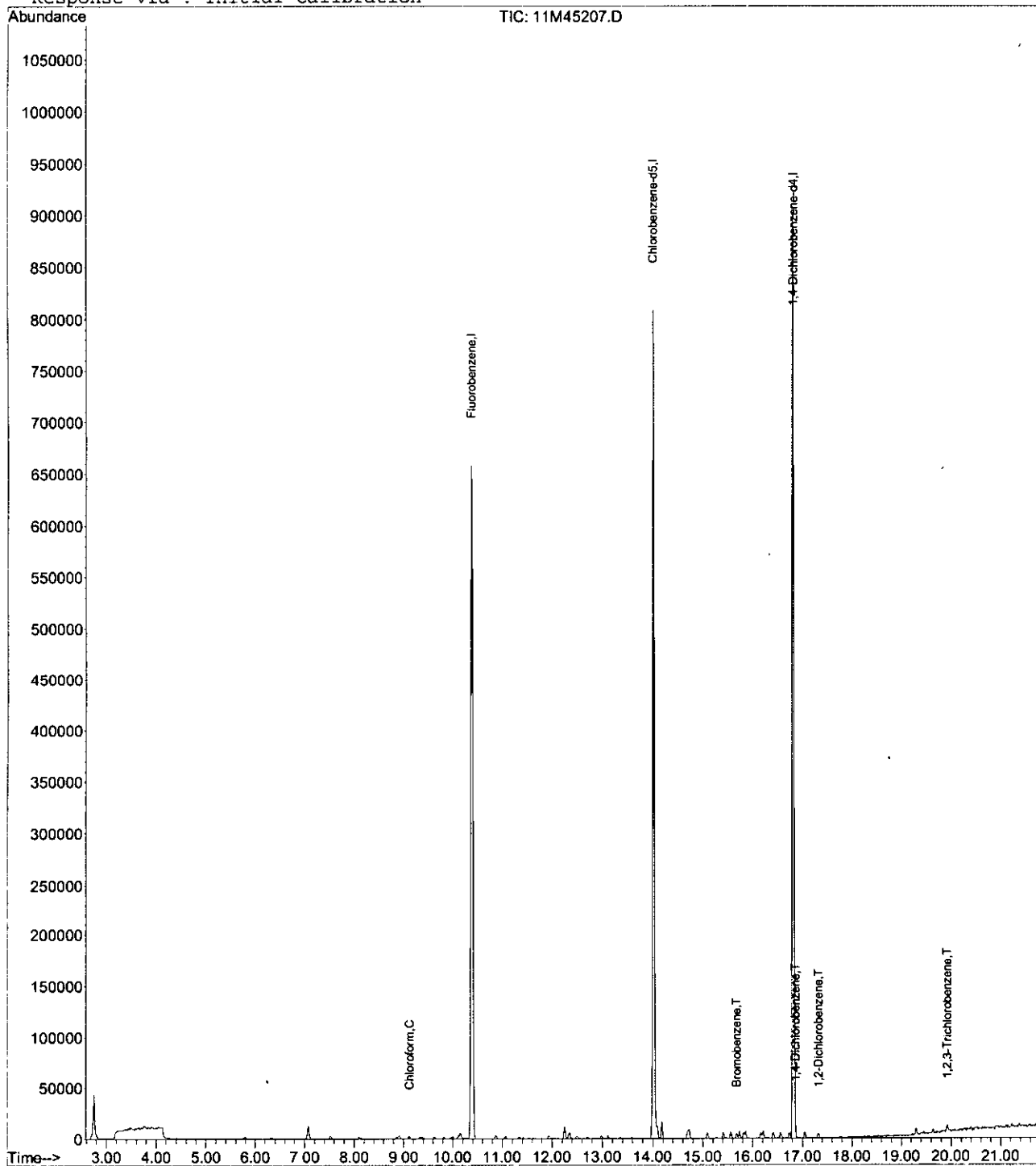
(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45207.D 8260WT.M Thu Sep 06 08:49:59 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45207.D
Acq On : 5 Sep 2007 13:51
Sample : WG249372-02 0.3 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 6 8:49 2007

Vial: 2
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 08:49:14 2007
Response via : Initial Calibration



11M45207.D 8260WT.M

Thu Sep 06 08:49:59 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\090507\11M45209.D

Vial: 4

Acq On : 5 Sep 2007 14:51

Operator: MES

Sample : WG249372-04 1 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:18:42 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	696052	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	492483	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	265001	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	0.000	111	0d	0.0000000	ug/L	
Spiked Amount 25.000	Range 86 - 118		Recovery =	0.00%#		
42) 1,2-Dichloroethane-d4	9.998	65	5028	0.5337316	ug/L	0.01
Spiked Amount 25.000	Range 80 - 120		Recovery =	2.13%#		
56) Toluene-d8	12.252	98	14475	0.5528828	ug/L	0.01
Spiked Amount 25.000	Range 88 - 110		Recovery =	2.21%#		
77) p-Bromofluorobenzene	15.406	95	5721	0.5444851	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	2.18%#		

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.07	85	9037	0.8663	ug/L	96
3) Chloromethane	3.52	50	12092	1.2471	ug/L	97
4) Vinyl Chloride	3.74	62	10119	1.0970	ug/L	98
6) Bromomethane	4.61	94	3484	1.5077	ug/L	93
7) Chloroethane	4.78	64	6003	0.9806	ug/L	83
8) Trichlorofluoromethane	5.25	101	13071	1.2066	ug/L	96
10) Isoprene	5.81	67	7694	0.8022	ug/L	96
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	5650	0.8778	ug/L	96
14) 1,1-Dichloroethene	6.32	61	11074	0.8412	ug/L	90
16) Dimethyl Sulfide	6.58	62	8347	0.8634	ug/L	99
17) Iodomethane	6.82	142	5030	0.7677	ug/L	79
19) Methylene Chloride	7.07	84	11656	0.9101	ug/L	98
20) Carbon Disulfide	7.11	76	18105	0.8865	ug/L	95
22) Methyl Tert Butyl Ether	7.30	73	13990	0.8684	ug/L	97
23) trans-1,2-Dichloroethene	7.53	96	6052	0.8692	ug/L	99
24) n-Hexane	7.61	57	9164	0.8231	ug/L #	82
27) 1,1-Dichloroethane	8.11	63	14348	0.9110	ug/L	94
31) 2,2-Dichloropropane	8.86	77	12828	0.9011	ug/L	90
32) cis-1,2-Dichloroethene	8.91	96	6277	0.8801	ug/L	95
33) Chloroform	9.12	83	13248	0.9566	ug/L	98
34) Bromochloromethane	9.33	130	3356	0.9067	ug/L	92
37) 1,1,1-Trichloroethane	9.63	97	12152	0.9320	ug/L #	98
38) Cyclohexane	9.67	56	12158	0.8669	ug/L	88
39) 1,1-Dichloropropene	9.82	75	9271	0.9006	ug/L	88
40) Carbon Tetrachloride	9.95	117	9208	1.1434	ug/L	97
43) 1,2-Dichloroethane	10.10	62	10880	0.9365	ug/L	98
44) Benzene	10.14	78	24729	0.9201	ug/L	98
45) Trichloroethene	10.87	130	5985	0.8869	ug/L	94
46) Methylcyclohexane	10.96	83	8035	0.7835	ug/L	83
47) 1,2-Dichloropropane	11.06	63	7169	0.9535	ug/L	96
49) Bromodichloromethane	11.34	83	8477	0.8728	ug/L #	94
50) Dibromomethane	11.41	93	2568	0.8406	ug/L	94
51) 2-Chloroethyl Vinyl Ether	11.62	63	2980	0.8650	ug/L	87
53) cis-1,3-Dichloropropene	11.93	75	9103	0.8385	ug/L	99
57) Toluene	12.34	91	25012	0.8997	ug/L	98
59) trans-1,3-Dichloropropene	12.50	75	8184	0.8490	ug/L	100
60) 1,1,2-Trichloroethane	12.70	97	3629	0.8440	ug/L	95
62) 1,3-Dichloropropane	12.99	76	7281	0.8955	ug/L	98
63) Tetrachloroethene	13.11	164	4680	1.1765	ug/L	98
64) Dibromochloromethane	13.35	129	4552	1.0052	ug/L	95

(#) = qualifier out of range (m) = manual integration

11M45209.D 8260WT.M Thu Sep 06 17:20:01 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090507\11M45209.D Vial: 4
Acq On : 5 Sep 2007 14:51 Operator: MES
Sample : WG249372-04 1 ug/L WATER STD 8260 Inst : HPMS11
Misc : 1,1 STD21737 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 06 17:18:42 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
65) 1,2-Dibromoethane	13.59	107	3637	0.8961	ug/L	96
66) 1-Chlorohexane	13.68	91	7293	1.1665	ug/L	89
67) Chlorobenzene	14.06	112	16578	0.8863	ug/L	92
68) 1,1,1,2-Tetrachloroethane	14.09	131	5800	0.9406	ug/L	97
69) Ethylbenzene	14.08	106	8255	0.8382	ug/L	89
70) m-,p-Xylene	14.18	106	22461	1.8017	ug/L	99
71) o-Xylene	14.69	106	10453	0.8739	ug/L	99
72) Styrene	14.72	104	16270	0.8410	ug/L	88
73) Bromoform	15.18	173	1992	0.7666	ug/L	83
74) Isopropylbenzene	15.09	105	28057	0.9144	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.28	83	3245	0.8012	ug/L	98
78) 1,2,3-Trichloropropane	15.46	110	898	1.1093	ug/L	89
80) n-Propylbenzene	15.56	91	33214	0.8742	ug/L	100
81) Bromobenzene	15.67	156	6427	0.9865	ug/L	94
82) 1,3,5-Trimethylbenzene	15.74	105	22527	0.8313	ug/L	96
83) 2-Chlorotoluene	15.81	91	21913	0.8556	ug/L	91
84) 4-Chlorotoluene	15.86	91	23495	0.9480	ug/L	95
85) a-Methylstyrene	16.11	118	10228	0.7228	ug/L	96
86) tert-Butylbenzene	16.16	134	4271	0.8970	ug/L	89
87) 1,2,4-Trimethylbenzene	16.21	105	24158	0.8604	ug/L	100
88) sec-Butylbenzene	16.41	105	27119	0.8801	ug/L	99
89) p-Isopropyltoluene	16.56	119	23933	0.8898	ug/L	95
90) 1,3-Dichlorobenzene	16.74	146	11329	0.8293	ug/L	96
91) 1,4-Dichlorobenzene	16.86	146	12235	0.9057	ug/L #	51
92) n-Butylbenzene	17.05	91	23250	0.9142	ug/L	97
93) 1,2-Dichlorobenzene	17.32	146	10067	0.8564	ug/L	96
95) 1,2,4-Trichlorobenzene	19.29	180	8203	1.0595	ug/L	99
96) Hexachlorobutadiene	19.44	225	2795	0.9071	ug/L	93
97) Naphthalene	19.63	128	12814	0.9592	ug/L #	93
98) 1,2,3-Trichlorobenzene	19.92	180	6269	0.8721	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45209.D 8260WT.M Thu Sep 06 17:20:01 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45209.D

Vial: 4

Acq On : 5 Sep 2007 14:51

Operator: MES

Sample : WG249372-04 1 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 6 17:19 2007

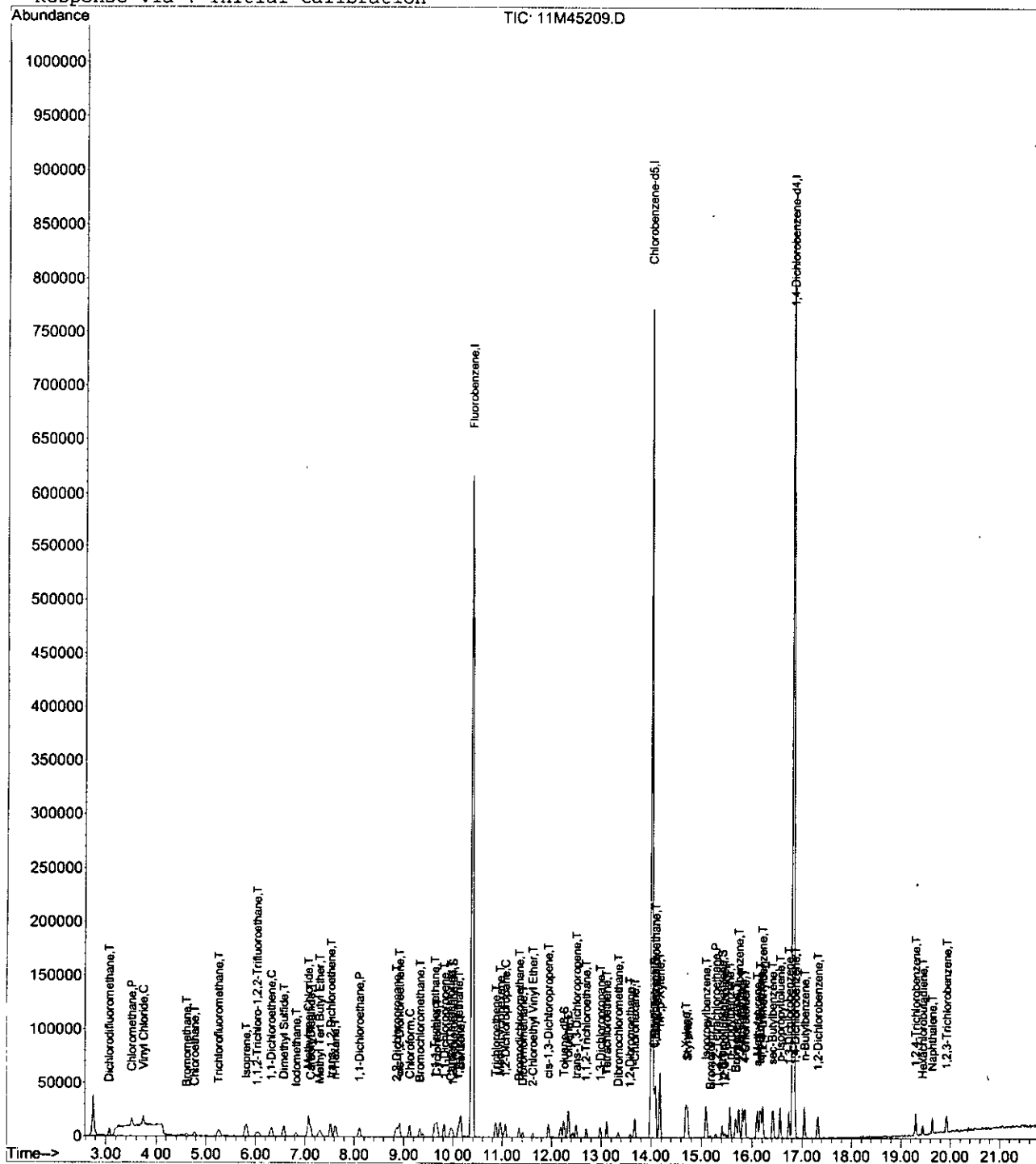
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



11M45209.D 8260WT.M

Thu Sep 06 17:20:01 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090507\11M45210.D

Vial: 5

Acq On : 5 Sep 2007 15:21

Operator: MES

Sample : WG249372-05 2 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:21:01 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	684412	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	485212	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	262736	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.388	111	7096	1.0040857	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	4.02%#		
42) 1,2-Dichloroethane-d4	9.988	65	9333	1.0075648	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	4.03%#		
56) Toluene-d8	12.242	98	25698	0.9962619	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	3.99%#		
77) p-Bromofluorobenzene	15.406	95	10312	0.9898853	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	3.96%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	23029	2.2451	ug/L	96
3) Chloromethane	3.52	50	17941	1.8819	ug/L	97
4) Vinyl Chloride	3.73	62	20018	2.2071	ug/L	98
5) 1,3-Butadiene	3.79	54	17578	0.4381	ug/L	98
6) Bromomethane	4.61	94	7104	2.2674	ug/L	96
7) Chloroethane	4.77	64	11636	1.9330	ug/L	93
8) Trichlorofluoromethane	5.25	101	28461	2.2466	ug/L	99
10) Isoprene	5.82	67	18104	1.9197	ug/L	98
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	13371	2.1128	ug/L	100
14) 1,1-Dichloroethene	6.33	61	27029	2.0882	ug/L	96
16) Dimethyl Sulfide	6.58	62	17740	1.8662	ug/L	95
17) Iodomethane	6.81	142	11146	1.7302	ug/L	89
18) Methyl acetate	6.82	43	5377	1.8431	ug/L #	86
19) Methylene Chloride	7.07	84	18340	1.9047	ug/L	98
20) Carbon Disulfide	7.11	76	37178	1.8514	ug/L	100
22) Methyl Tert Butyl Ether	7.31	73	31831	2.0094	ug/L	98
23) trans-1,2-Dichloroethene	7.53	96	13164	1.9227	ug/L	95
24) n-Hexane	7.62	57	22788	2.0817	ug/L #	95
26) Vinyl Acetate	8.09	43	18922	1.8669	ug/L	92
27) 1,1-Dichloroethane	8.11	63	31856	2.0570	ug/L	96
31) 2,2-Dichloropropane	8.86	77	27124	1.9377	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	13126	1.8717	ug/L	94
33) Chloroform	9.11	83	28598	2.1002	ug/L	98
34) Bromochloromethane	9.33	130	7166	1.9690	ug/L	94
37) 1,1,1-Trichloroethane	9.63	97	25629	1.9990	ug/L	100
38) Cyclohexane	9.67	56	27681	2.0073	ug/L	98
39) 1,1-Dichloropropene	9.81	75	20844	2.0591	ug/L	96
40) Carbon Tetrachloride	9.96	117	20461	2.1055	ug/L	97
43) 1,2-Dichloroethane	10.10	62	23176	2.0287	ug/L	99
44) Benzene	10.15	78	51016	1.9304	ug/L	96
45) Trichloroethene	10.87	130	12221	1.8419	ug/L	93
46) Methylcyclohexane	10.96	83	20085	1.9919	ug/L	99
47) 1,2-Dichloropropane	11.06	63	14160	1.9154	ug/L	97
49) Bromodichloromethane	11.34	83	17932	1.8776	ug/L	96
50) Dibromomethane	11.42	93	6034	2.0087	ug/L	94
51) 2-Chloroethyl Vinyl Ether	11.62	63	6845	2.0206	ug/L	87
53) cis-1,3-Dichloropropene	11.94	75	20289	1.9006	ug/L	99
54) Dimethyl Disulfide	12.18	79	9295	1.6257	ug/L	95
57) Toluene	12.34	91	54066	1.9738	ug/L	99
58) Ethyl Methacrylate	12.43	69	9507	1.7667	ug/L	98

(#)=qualifier out of range (m)=manual integration

11M45210.D 8260WT.M Thu Sep 06 17:22:21 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090507\11M45210.D

Vial: 5

Acq On : 5 Sep 2007 15:21

Operator: MES

Sample : WG249372-05 2 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:21:01 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
59) trans-1,3-Dichloropropene	12.50	75	18371	1.9343	ug/L	95
60) 1,1,2-Trichloroethane	12.70	97	8560	1.9858	ug/L	93
62) 1,3-Dichloropropane	12.98	76	16119	2.0122	ug/L	97
63) Tetrachloroethene	13.11	164	10275	2.2061	ug/L	96
64) Dibromochloromethane	13.35	129	10139	1.9128	ug/L	98
65) 1,2-Dibromoethane	13.59	107	8251	2.0633	ug/L	91
66) 1-Chlorohexane	13.68	91	17128	2.1877	ug/L	98
67) Chlorobenzene	14.06	112	36621	1.9871	ug/L	98
68) 1,1,1,2-Tetrachloroethane	14.09	131	12237	2.0143	ug/L	95
69) Ethylbenzene	14.09	106	19023	1.9605	ug/L	93
70) m-,p-Xylene	14.18	106	46773	3.8081	ug/L	94
71) o-Xylene	14.69	106	22811	1.9356	ug/L	98
72) Styrene	14.72	104	36618	1.9211	ug/L	97
73) Bromoform	15.18	173	4714	1.6566	ug/L	91
74) Isopropylbenzene	15.09	105	58612	1.9388	ug/L	98
76) 1,1,2,2-Tetrachloroethane	15.28	83	8759	2.1812	ug/L	86
78) 1,2,3-Trichloropropane	15.46	110	3011	2.4090	ug/L	99
79) trans-1,4-Dichloro-2-Buten	15.49	53	3523	1.7937	ug/L	83
80) n-Propylbenzene	15.56	91	73432	1.9494	ug/L	100
81) Bromobenzene	15.67	156	12449	1.9273	ug/L	88
82) 1,3,5-Trimethylbenzene	15.74	105	52033	1.9366	ug/L	99
83) 2-Chlorotoluene	15.81	91	46650	1.8372	ug/L	87
84) 4-Chlorotoluene	15.85	91	49379	2.0097	ug/L	90
85) a-Methylstyrene	16.10	118	25132	1.7914	ug/L	100
86) tert-Butylbenzene	16.16	134	9077	1.9227	ug/L	89
87) 1,2,4-Trimethylbenzene	16.21	105	53363	1.9169	ug/L	98
88) sec-Butylbenzene	16.42	105	58747	1.9231	ug/L	98
89) p-Isopropyltoluene	16.56	119	51946	1.9480	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	27844	2.0558	ug/L	100
91) 1,4-Dichlorobenzene	16.86	146	26363	1.9683	ug/L	77
92) n-Butylbenzene	17.05	91	47639	1.8893	ug/L	98
93) 1,2-Dichlorobenzene	17.32	146	23437	2.0109	ug/L	100
94) 1,2-Dibromo-3-Chloropropan	18.24	75	1444	1.6964	ug/L	84
95) 1,2,4-Trichlorobenzene	19.29	180	16272	1.9629	ug/L	97
96) Hexachlorobutadiene	19.44	225	5741	1.8792	ug/L	94
97) Naphthalene	19.63	128	29994	2.0624	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	14020	1.9442	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45210.D 8260WT.M Thu Sep 06 17:22:21 2007

Page 2

Vial: 5

Operator: MES

Inst : HPMS11

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 6 17:22 2007

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\090507\11M45211.D

Vial: 6

Acq On : 5 Sep 2007 15:51

Operator: MES

Sample : WG249372-06 5 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:23:04 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	697609	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	495009	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	265262	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	16908	2.3472262	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 9.39%#			
42) 1,2-Dichloroethane-d4	9.988	65	23662	2.5061595	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 10.02%#			
56) Toluene-d8	12.253	98	61262	2.3280046	ug/L	0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 9.31%#			
77) p-Bromofluorobenzene	15.406	95	24668	2.3454191	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 9.38%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	54507	5.2134	ug/L	100
3) Chloromethane	3.52	50	47394	4.8772	ug/L	96
4) Vinyl Chloride	3.73	62	49837	5.3909	ug/L	97
5) 1,3-Butadiene	3.78	54	46271	4.7640	ug/L	97
6) Bromomethane	4.61	94	19110	4.6727	ug/L	98
7) Chloroethane	4.77	64	31816	5.1854	ug/L	97
8) Trichlorofluoromethane	5.26	101	75766	5.3084	ug/L	100
10) Isoprene	5.82	67	48986	5.0960	ug/L	98
11) Acrolein	6.00	56	2538	9.9183	ug/L	80
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	32959	5.1094	ug/L	97
13) Acetone	6.09	43	6633	6.0395	ug/L	83
14) 1,1-Dichloroethene	6.32	61	67554	5.1202	ug/L	97
16) Dimethyl Sulfide	6.58	62	49699	5.1294	ug/L	97
17) Iodomethane	6.81	142	31892	4.8569	ug/L	94
18) Methyl acetate	6.83	43	14699	4.9430	ug/L	96
19) Methylene Chloride	7.07	84	39865	4.9092	ug/L	99
20) Carbon Disulfide	7.11	76	104715	5.1160	ug/L	98
21) Acrylonitrile	7.24	53	7216	4.2176	ug/L	80
22) Methyl Tert Butyl Ether	7.30	73	84161	5.2124	ug/L	98
23) trans-1,2-Dichloroethene	7.52	96	36066	5.1681	ug/L	100
24) n-Hexane	7.62	57	58727	5.2633	ug/L	99
26) Vinyl Acetate	8.08	43	51599	4.9947	ug/L	97
27) 1,1-Dichloroethane	8.11	63	82705	5.2394	ug/L	100
29) 2-Butanone	8.64	43	6807	4.6457	ug/L	92
31) 2,2-Dichloropropane	8.86	77	73751	5.1690	ug/L	98
32) cis-1,2-Dichloroethene	8.91	96	36802	5.1484	ug/L	98
33) Chloroform	9.11	83	73927	5.3264	ug/L	99
34) Bromochloromethane	9.33	130	19286	5.1990	ug/L	98
37) 1,1,1-Trichloroethane	9.63	97	69527	5.3204	ug/L	99
38) Cyclohexane	9.67	56	73096	5.2002	ug/L	95
39) 1,1-Dichloropropene	9.81	75	53499	5.1851	ug/L	97
40) Carbon Tetrachloride	9.96	117	57248	5.1227	ug/L	97
43) 1,2-Dichloroethane	10.10	62	60611	5.2052	ug/L	100
44) Benzene	10.15	78	135997	5.0486	ug/L	98
45) Trichloroethene	10.87	130	33581	4.9654	ug/L	97
46) Methylcyclohexane	10.96	83	54011	5.2551	ug/L	98
47) 1,2-Dichloropropane	11.06	63	38307	5.0836	ug/L	96
49) Bromodichloromethane	11.34	83	49823	5.1181	ug/L	99
50) Dibromomethane	11.42	93	16682	5.4482	ug/L	99
51) 2-Chloroethyl Vinyl Ether	11.62	63	17170	4.9725	ug/L	99

(#)=qualifier out of range (m)=manual integration

11M45211.D 8260WT.M Thu Sep 06 17:23:04 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090507\11M45211.D

Vial: 6

Acq On : 5 Sep 2007 15:51

Operator: MES

Sample : WG249372-06 5 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:23:04 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	7764	4.7507	ug/L	96
53) cis-1,3-Dichloropropene	11.94	75	55655	5.1148	ug/L	99
54) Dimethyl Disulfide	12.18	79	26135	4.4846	ug/L	97
57) Toluene	12.35	91	142339	5.0937	ug/L	100
58) Ethyl Methacrylate	12.43	69	28335	5.1612	ug/L	100
59) trans-1,3-Dichloropropene	12.49	75	50563	5.2184	ug/L	96
60) 1,1,2-Trichloroethane	12.70	97	21146	4.7759	ug/L	98
61) 2-Hexanone	12.65	43	10601	4.6051	ug/L #	94
62) 1,3-Dichloropropane	12.99	76	41807	5.1157	ug/L	97
63) Tetrachloroethene	13.11	164	25339	4.8588	ug/L	96
64) Dibromochloromethane	13.35	129	28055	4.7026	ug/L	99
65) 1,2-Dibromoethane	13.59	107	20247	4.9629	ug/L	100
66) 1-Chlorohexane	13.68	91	46683	5.1334	ug/L	99
67) Chlorobenzene	14.06	112	94019	5.0006	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	32236	5.2012	ug/L	94
69) Ethylbenzene	14.08	106	48639	4.9136	ug/L	91
70) m-,p-Xylene	14.18	106	126119	10.0649	ug/L	97
71) o-Xylene	14.69	106	61477	5.1134	ug/L	100
72) Styrene	14.72	104	94177	4.8429	ug/L	93
73) Bromoform	15.18	173	13079	4.2788	ug/L	99
74) Isopropylbenzene	15.09	105	157397	5.1035	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	20983	5.1756	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	7463	5.0990	ug/L	98
79) trans-1,4-Dichloro-2-Buten	15.50	53	10106	5.0963	ug/L	97
80) n-Propylbenzene	15.56	91	196380	5.1637	ug/L	99
81) Bromobenzene	15.69	156	34955	5.3600	ug/L	93
82) 1,3,5-Trimethylbenzene.	15.74	105	139930	5.1585	ug/L	99
83) 2-Chlorotoluene	15.81	91	126524	4.9354	ug/L	99
84) 4-Chlorotoluene	15.86	91	130752	5.2708	ug/L	99
85) a-Methylstyrene	16.11	118	73302	5.1752	ug/L	99
86) tert-Butylbenzene	16.16	134	24308	5.1000	ug/L	92
87) 1,2,4-Trimethylbenzene	16.21	105	143772	5.1154	ug/L	99
88) sec-Butylbenzene	16.42	105	155269	5.0343	ug/L	99
89) p-Isopropyltoluene	16.56	119	139613	5.1858	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	69482	5.0812	ug/L	99
91) 1,4-Dichlorobenzene	16.86	146	70228	5.1934	ug/L	88
92) n-Butylbenzene	17.05	91	124771	4.9012	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	61291	5.2088	ug/L	98
94) 1,2-Dibromo-3-Chloropropan	18.24	75	4206	4.8942	ug/L	85
95) 1,2,4-Trichlorobenzene	19.29	180	43464	4.9395	ug/L	99
96) Hexachlorobutadiene	19.44	225	15903	5.1560	ug/L	94
97) Naphthalene	19.64	128	75222	4.9088	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	35947	4.9149	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45211.D 8260WT.M Thu Sep 06 17:23:04 2007

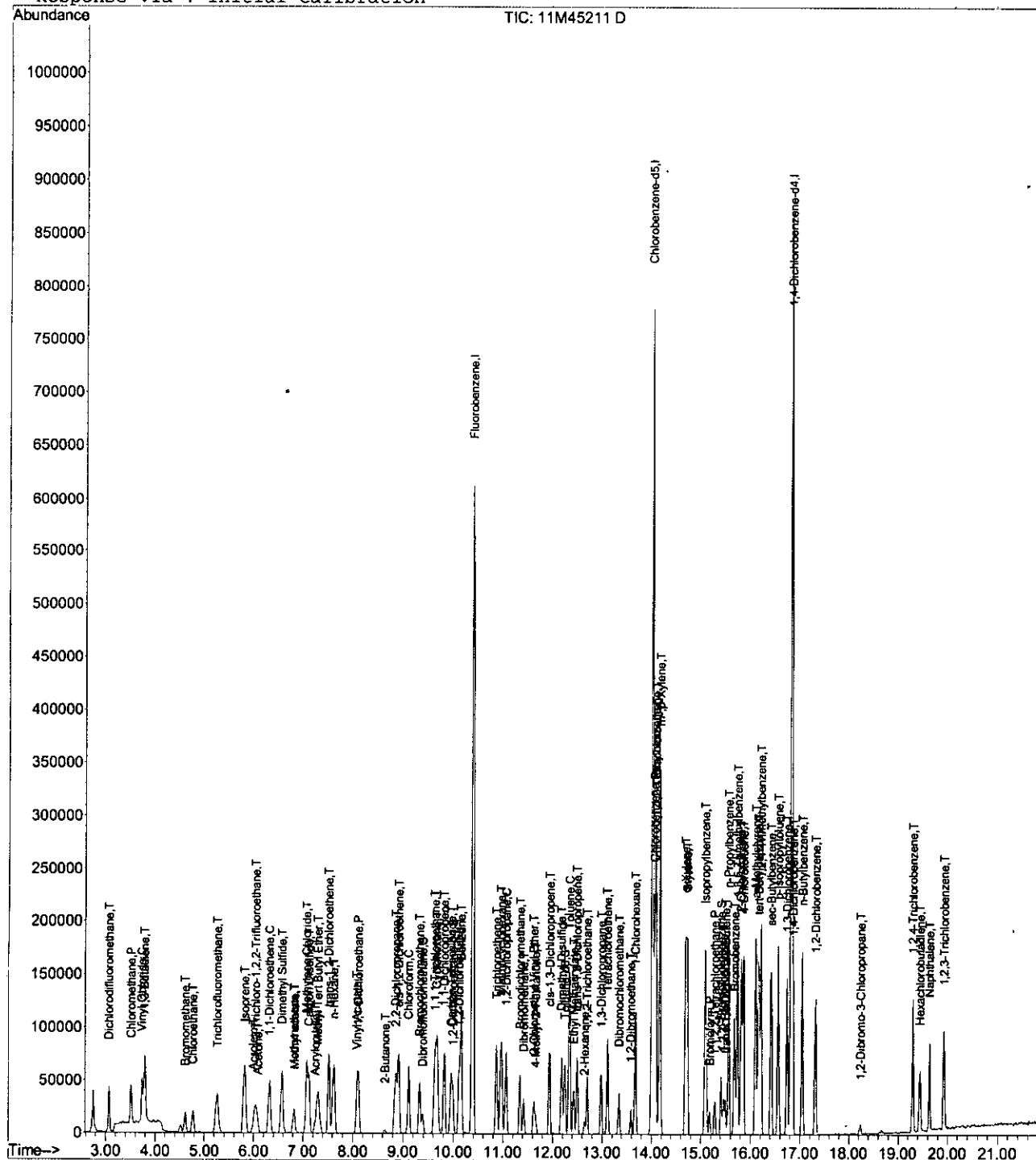
Page 2

Data File : C:\MSDCHEM\1\DATA\090507\11M45211.D
Acq On : 5 Sep 2007 15:51
Sample : WG249372-06 5 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 6 17:23 2007

Vial: 6
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration



11M45211.D 8260WT.M

Thu Sep 06 17:23:05 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090507\11M45212.D Vial: 7
 Acq On : 5 Sep 2007 16:21 Operator: MES
 Sample : WG249372-07 20 ug/L WATER STD 8260 Inst : HPMS11
 Misc : 1,1 STD21737 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 05 16:43:50 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Wed Sep 05 16:22:59 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	705578	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	501143	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	272372	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	75561	11.9510349	ug/L	0.00
Spiked Amount 25.000	Range 86	- 118	Recovery	=	47.80%#	
42) 1,2-Dichloroethane-d4	9.988	65	97582	15.5999883	ug/L	0.00
Spiked Amount 25.000	Range 80	- 120	Recovery	=	62.40%#	
56) Toluene-d8	12.242	98	269944	12.4441591	ug/L	-0.01
Spiked Amount 25.000	Range 88	- 110	Recovery	=	49.78%#	
77) p-Bromofluorobenzene	15.406	95	110633	13.4070152	ug/L	0.00
Spiked Amount 25.000	Range 86	- 115	Recovery	=	53.63%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	213955	22.3697	ug/L	99
3) Chloromethane	3.52	50	186733	26.4771	ug/L	99
4) Vinyl Chloride	3.73	62	190023	27.6038	ug/L	99
5) 1,3-Butadiene	3.78	54	168774	44.3224	ug/L	88
6) Bromomethane	4.61	94	87160	17.4385	ug/L	99
7) Chloroethane	4.77	64	126272	20.9839	ug/L	98
8) Trichlorofluoromethane	5.26	101	290262	24.2504	ug/L	100
9) Diethyl ether	5.78	59	116523	13.8550	ug/L	90
10) Isoprene	5.82	67	202916	20.1732	ug/L	83
11) Acrolein	5.99	56	9433	22.8990	ug/L	97
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	132152	19.5642	ug/L	87
13) Acetone	6.09	43	21851	23.9413	ug/L	90
14) 1,1-Dichloroethene	6.32	61	292323	24.6863	ug/L	84
16) Dimethyl Sulfide	6.58	62	203271	20.1923	ug/L	94
17) Iodomethane	6.81	142	146796	16.7045	ug/L	85
18) Methyl acetate	6.82	43	62616	21.2569	ug/L	95
19) Methylene Chloride	7.07	84	149670	16.7894	ug/L	94
20) Carbon Disulfide	7.11	76	421712	18.7041	ug/L	99
21) Acrylonitrile	7.24	53	35200	20.0376	ug/L	98
22) Methyl Tert Butyl Ether	7.30	73	342574	22.3093	ug/L	97
23) trans-1,2-Dichloroethene	7.52	96	150666	21.0811	ug/L	73
24) n-Hexane	7.62	57	227140	19.8022	ug/L	98
26) Vinyl Acetate	8.08	43	219937	27.7228	ug/L	96
27) 1,1-Dichloroethane	8.11	63	348573	24.2541	ug/L	99
29) 2-Butanone	8.63	43	30841	21.5391	ug/L	91
31) 2,2-Dichloropropane	8.86	77	305631	32.6164	ug/L	89
32) cis-1,2-Dichloroethene	8.91	96	156748	21.3649	ug/L	68
33) Chloroform	9.11	83	307249	25.3850	ug/L	96
34) Bromochloromethane	9.33	130	81922	21.2060	ug/L	88
35) Tetrahydrofuran	9.67	42	55332	123.2393	ug/L #	42
37) 1,1,1-Trichloroethane	9.63	97	290189	27.3901	ug/L #	96
38) Cyclohexane	9.67	56	291756	19.7757	ug/L	98
39) 1,1-Dichloropropene	9.81	75	226238	25.6168	ug/L	85
40) Carbon Tetrachloride	9.96	117	234797	27.8368	ug/L	99
41) Tert-Amyl-Methyl ether	10.15	73	10270	226.2434	ug/L #	46
43) 1,2-Dichloroethane	10.10	62	254413	28.5138	ug/L	92
44) Benzene	10.15	78	567353	20.8643	ug/L	98
45) Trichloroethene	10.87	130	145743	20.2031	ug/L	88
46) Methylcyclohexane	10.96	83	211544	19.3743	ug/L	96
47) 1,2-Dichloropropane	11.06	63	164909	23.4831	ug/L	85

(#) = qualifier out of range (m) = manual integration
 11M45212.D 8260WT.M Wed Sep 05 16:43:51 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45212.D

Vial: 7

Acq On : 5 Sep 2007 16:21

Operator: MES

Sample : WG249372-07 20 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 05 16:43:50 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Wed Sep 05 16:22:59 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49) Bromodichloromethane	11.34	83	214776	25.7458	ug/L	99
50) Dibromomethane	11.42	93	68851	23.8769	ug/L	85
51) 2-Chloroethyl Vinyl Ether	11.62	63	71273	22.4206	ug/L	91
52) 4-Methyl-2-Pentanone	11.65	58	32486	20.0917	ug/L	97
53) cis-1,3-Dichloropropene	11.93	75	240794	24.2023	ug/L	100
54) Dimethyl Disulfide	12.18	79	120252	22.8563	ug/L	97
57) Toluene	12.34	91	601191	22.7595	ug/L	99
58) Ethyl Methacrylate	12.43	69	114831	21.6970	ug/L	88
59) trans-1,3-Dichloropropene	12.49	75	219451	28.1350	ug/L	87
60) 1,1,2-Trichloroethane	12.70	97	90690	22.1809	ug/L	99
61) 2-Hexanone	12.65	43	48135	22.8476	ug/L #	63
62) 1,3-Dichloropropane	12.99	76	178235	24.5402	ug/L	93
63) Tetrachloroethene	13.11	164	108556	20.2292	ug/L	84
64) Dibromochloromethane	13.35	129	126050	25.7751	ug/L	99
65) 1,2-Dibromoethane	13.59	107	90335	23.0631	ug/L	99
66) 1-Chlorohexane	13.68	91	190071	21.3977	ug/L	85
67) Chlorobenzene	14.06	112	402543	22.6252	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	141812	25.2452	ug/L	96
69) Ethylbenzene	14.08	106	217560	22.5245	ug/L	83
70) m-,p-Xylene	14.18	106	545740	45.6070	ug/L	82
71) o-Xylene	14.69	106	258545	21.9798	ug/L	79
72) Styrene	14.72	104	429786	22.2933	ug/L	80
73) Bromoform	15.18	173	63937	22.5122	ug/L	100
74) Isopropylbenzene	15.09	105	672458	23.6202	ug/L	94
76) 1,1,2,2-Tetrachloroethane	15.28	83	88225	22.7291	ug/L	100
78) 1,2,3-Trichloropropane	15.46	110	31260	24.7628	ug/L #	53
79) trans-1,4-Dichloro-2-Buten	15.50	53	40681	30.2671	ug/L #	12
80) n-Propylbenzene	15.56	91	836462	24.6171	ug/L	93
81) Bromobenzene	15.67	156	149300	21.0176	ug/L	71
82) 1,3,5-Trimethylbenzene	15.74	105	597793	24.7596	ug/L	91
83) 2-Chlorotoluene	15.81	91	535305	23.7757	ug/L	100
84) 4-Chlorotoluene	15.86	91	559335	26.1384	ug/L	81
85) a-Methylstyrene	16.11	118	311341	20.9212	ug/L	90
86) tert-Butylbenzene	16.16	134	104236	20.8409	ug/L #	23
87) 1,2,4-Trimethylbenzene	16.21	105	625822	24.3937	ug/L	98
88) sec-Butylbenzene	16.42	105	678581	22.9775	ug/L	92
89) p-Isopropyltoluene	16.56	119	591595	23.0828	ug/L	92
90) 1,3-Dichlorobenzene	16.74	146	294112	20.2700	ug/L	80
91) 1,4-Dichlorobenzene	16.86	146	296926	20.6478	ug/L	82
92) n-Butylbenzene	17.05	91	547142	23.8752	ug/L	91
93) 1,2-Dichlorobenzene	17.32	146	258724	20.5513	ug/L	83
94) 1,2-Dibromo-3-Chloropropan	18.23	75	18038	29.8541	ug/L	69
95) 1,2,4-Trichlorobenzene	19.29	180	183068	19.8788	ug/L	94
96) Hexachlorobutadiene	19.44	225	64628	19.6035	ug/L	92
97) Naphthalene	19.64	128	314320	21.0410	ug/L #	96
98) 1,2,3-Trichlorobenzene	19.92	180	149020	20.0114	ug/L	96

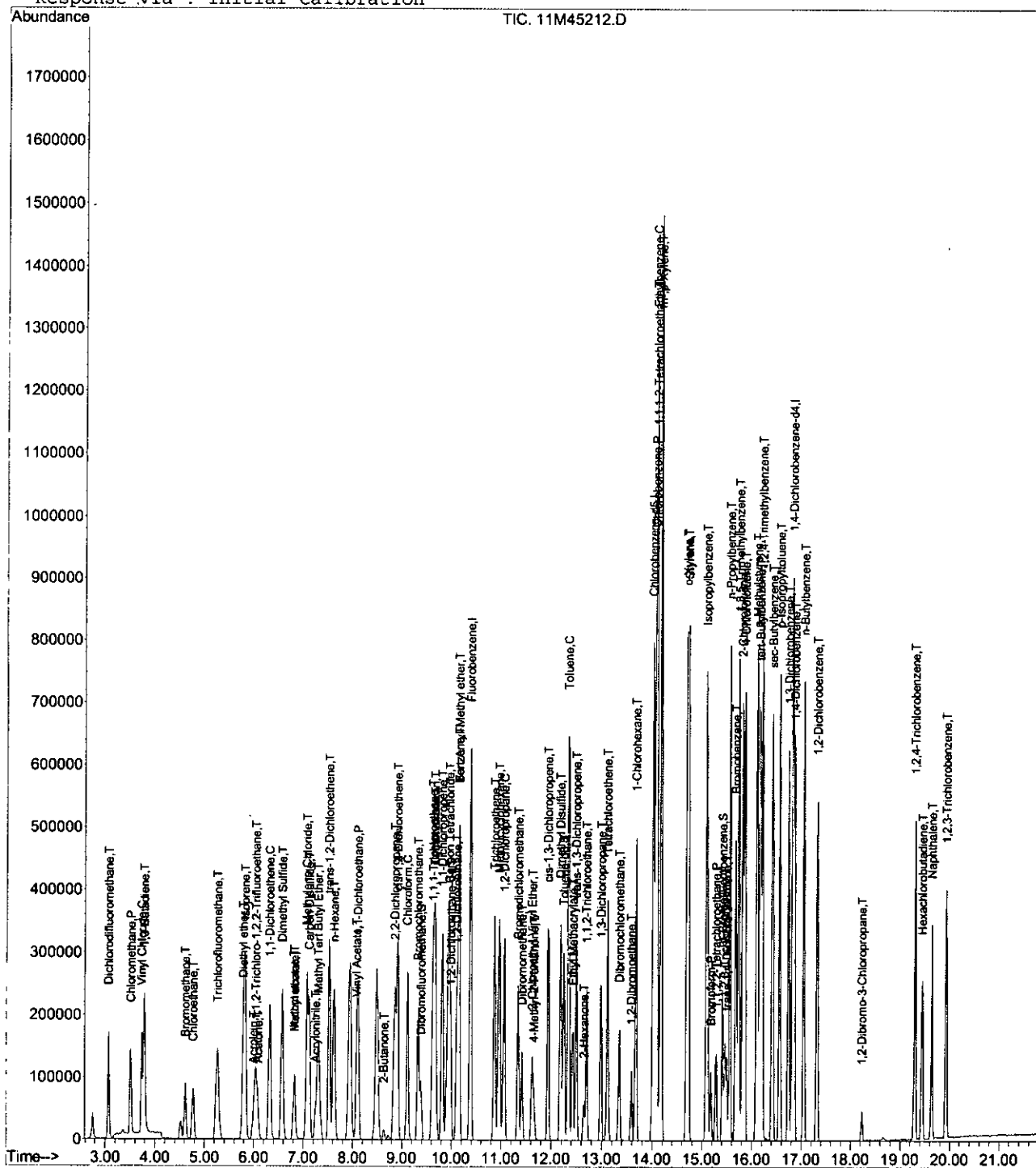
(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45212.D 8260WT.M Wed Sep 05 16:43:51 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45212.D
Acq On : 5 Sep 2007 16:21
Sample : WG249372-07 20 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 5 16:43 2007

Vial: 7
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 16:22:59 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\090507\11M45214.D
 Acq On : 5 Sep 2007 17:21
 Sample : WG249372-09 100 ug/L WATER STD 8260
 Misc : 1,1 STD21737
 MS Integration Params: rteint.p
 Quant Time: Sep 05 17:43:46 2007

Vial: 9
 Operator: MES
 Inst : HPMS11
 Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Wed Sep 05 17:27:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	741531	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	542690	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	284449	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	9.389	111	383693	51.8312914	ug/L	0.00
Spiked Amount	25.000	Range	86 - 118	Recovery	= 207.33%#	
42) 1,2-Dichloroethane-d4	9.988	65	483204	54.2158861	ug/L	0.00
Spiked Amount	25.000	Range	80 - 120	Recovery	= 216.86%#	
56) Toluene-d8	12.242	98	1424662	53.2085395	ug/L	0.00
Spiked Amount	25.000	Range	88 - 110	Recovery	= 212.83%#	
77) p-Bromofluorobenzene	15.406	95	565550	55.1212065	ug/L	0.00
Spiked Amount	25.000	Range	86 - 115	Recovery	= 220.48%#	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.07	85	1128810	110.3697	ug/L	100
3) Chloromethane	3.51	50	951974	100.7594	ug/L	100
4) Vinyl Chloride	3.72	62	950410	100.8171	ug/L	99
5) 1,3-Butadiene	3.77	54	645403	98.3182	ug/L	98
6) Bromomethane	4.61	94	523744	113.2684	ug/L	99
7) Chloroethane	4.77	64	658831	103.9932	ug/L	98
8) Trichlorofluoromethane	5.26	101	1568812	112.6609	ug/L	98
9) Diethyl ether	5.78	59	2834	0.4952	ug/L #	65
10) Isoprene	5.81	67	1108878	109.4858	ug/L	98
11) Acrolein	5.99	56	54650	158.9148	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	717375	101.7407	ug/L	100
13) Acetone	6.09	43	106386	91.4434	ug/L	96
14) 1,1-Dichloroethene	6.32	61	1545440	117.3731	ug/L	99
15) Tert-Butyl Alcohol	6.58	59	44492	706.8959	ug/L #	93
16) Dimethyl Sulfide	6.58	62	1074058	105.2108	ug/L	99
17) Iodomethane	6.81	142	778456	106.8553	ug/L	97
18) Methyl acetate	6.82	43	318391	101.6620	ug/L	98
19) Methylene Chloride	7.07	84	745013	73.6344	ug/L	98
20) Carbon Disulfide	7.11	76	2310229	105.6394	ug/L	99
21) Acrylonitrile	7.24	53	187446	104.9493	ug/L	99
22) Methyl Tert Butyl Ether	7.30	73	1727931	102.2503	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	796518	109.6625	ug/L	96
24) n-Hexane	7.62	57	1262103	104.0003	ug/L	100
25) Diisopropyl ether	8.08	45	9073	1.6805	ug/L #	1
26) Vinyl Acetate	8.08	43	1091238	107.1719	ug/L	99
27) 1,1-Dichloroethane	8.11	63	1764023	107.3842	ug/L	100
29) 2-Butanone	8.63	43	153752	99.6002	ug/L	98
31) 2,2-Dichloropropane	8.86	77	1543404	122.5229	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	812071	106.8472	ug/L	98
33) Chloroform	9.11	83	1543538	108.5440	ug/L	100
34) Bromochloromethane	9.33	130	416327	105.4671	ug/L	99
35) Tetrahydrofuran	9.67	42	298665	378.8189	ug/L #	100
37) 1,1,1-Trichloroethane	9.63	97	1494975	114.9553	ug/L	100
38) Cyclohexane	9.67	56	1576704	105.9849	ug/L	100
39) 1,1-Dichloropropene	9.81	75	1189741	116.3201	ug/L	100
40) Carbon Tetrachloride	9.96	117	1228209	119.0885	ug/L	99
41) Tert-Amyl-Methyl ether	10.15	73	54488	23.0325	ug/L #	100
43) 1,2-Dichloroethane	10.10	62	1245105	108.7295	ug/L	99
44) Benzene	10.15	78	3026490	106.2272	ug/L	100
45) Trichloroethene	10.87	130	769587	111.1961	ug/L	99

(#) = qualifier out of range (m) = manual integration
 11M45214.D 8260WT.M Wed Sep 05 17:43:47 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45214.D

Vial: 9

Acq On : 5 Sep 2007 17:21

Operator: MES

Sample : WG249372-09 100 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 05 17:43:46 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Wed Sep 05 17:27:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Methylcyclohexane	10.96	83	1190626	105.1275	ug/L	97
47) 1,2-Dichloropropane	11.06	63	858651	111.1977	ug/L	98
49) Bromodichloromethane	11.34	83	1122842	113.4648	ug/L	100
50) Dibromomethane	11.42	93	351965	113.8146	ug/L	98
51) 2-Chloroethyl Vinyl Ether	11.62	63	373494	104.7576	ug/L	98
52) 4-Methyl-2-Pentanone	11.65	58	172574	100.1504	ug/L	99
53) cis-1,3-Dichloropropene	11.93	75	1262107	112.0580	ug/L	99
54) Dimethyl Disulfide	12.18	79	675340	112.5840	ug/L	99
57) Toluene	12.34	91	3233400	108.7615	ug/L	100
58) Ethyl Methacrylate	12.43	69	607235	106.8215	ug/L	97
59) trans-1,3-Dichloropropene	12.49	75	1124247	112.2705	ug/L	99
60) 1,1,2-Trichloroethane	12.70	97	471724	103.5577	ug/L	99
61) 2-Hexanone	12.65	43	251023	104.7917	ug/L #	99
62) 1,3-Dichloropropane	12.99	76	913824	107.5509	ug/L	99
63) Tetrachloroethene	13.11	164	581464	104.8375	ug/L	100
64) Dibromochloromethane	13.35	129	669997	113.8985	ug/L	99
65) 1,2-Dibromoethane	13.59	107	466282	106.3955	ug/L	100
66) 1-Chlorohexane	13.68	91	1050047	112.8510	ug/L	96
67) Chlorobenzene	14.06	112	2132836	108.3751	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	720239	108.5211	ug/L	99
69) Ethylbenzene	14.09	106	1171252	113.4272	ug/L	99
70) m-,p-Xylene	14.18	106	2950242	226.1637	ug/L	96
71) o-Xylene	14.69	106	1399395	108.7974	ug/L	97
72) Styrene	14.72	104	2358398	113.0888	ug/L	98
73) Bromoform	15.18	173	346208	110.4137	ug/L	99
74) Isopropylbenzene	15.09	105	3595086	111.3094	ug/L	99
76) 1,1,1,2-Tetrachloroethane	15.28	83	467404	112.0408	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	168079	115.3251	ug/L	99
79) trans-1,4-Dichloro-2-Butene	15.50	53	221317	116.7665	ug/L	100
80) n-Propylbenzene	15.56	91	4508591	118.3948	ug/L	100
81) Bromobenzene	15.67	156	769150	107.4559	ug/L	98
82) 1,3,5-Trimethylbenzene	15.74	105	3193827	116.9533	ug/L	100
83) 2-Chlorotoluene	15.81	91	2782101	108.6882	ug/L	99
84) 4-Chlorotoluene	15.86	91	2964292	117.4509	ug/L	100
85) a-Methylstyrene	16.11	118	1685109	113.3885	ug/L	100
86) tert-Butylbenzene	16.17	134	569423	115.7614	ug/L	99
87) 1,2,4-Trimethylbenzene	16.21	105	3286143	114.0125	ug/L	98
88) sec-Butylbenzene	16.42	105	3670306	117.1553	ug/L	100
89) p-Isopropyltoluene	16.56	119	3173005	114.6239	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	1562638	107.6895	ug/L	99
91) 1,4-Dichlorobenzene	16.86	146	1577812	109.2050	ug/L	100
92) n-Butylbenzene	17.05	91	2944835	116.9407	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	1336839	106.6765	ug/L	100
94) 1,2-Dibromo-3-Chloropropan	18.23	75	97730	118.5462	ug/L	97
95) 1,2,4-Trichlorobenzene	19.29	180	943544	101.3813	ug/L	99
96) Hexachlorobutadiene	19.44	225	343584	107.1316	ug/L	99
97) Naphthalene	19.64	128	1605086	103.1590	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	753274	101.6401	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45214.D 8260WT.M Wed Sep 05 17:43:47 2007

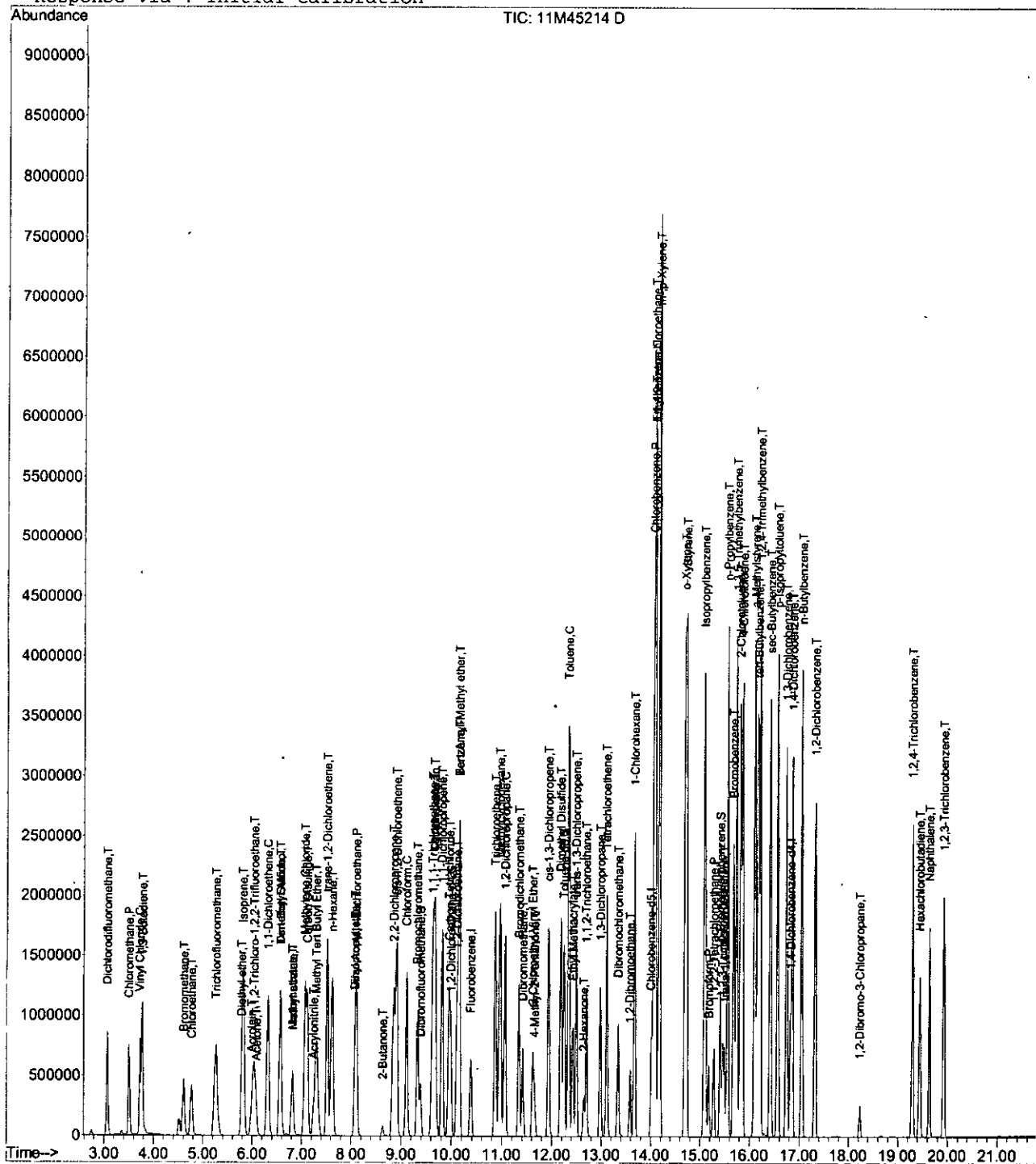
Page 2

Data File : C:\MSDCHEM\1\DATA\090507\11M45214.D
Acq On : 5 Sep 2007 17:21
Sample : WG249372-09 100 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 5 17:43 2007

Vial: 9
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 17:27:42 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\090507\11M45215.D
 Acq On : 5 Sep 2007 17:51
 Sample : WG249372-10 200 ug/L WATER STD 8260
 Misc : 1,1 STD21737
 MS Integration Params: rteint.p
 Quant Time: Sep 05 18:13:31 2007

Vial: 10
 Operator: MES
 Inst : HPMS11
 Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Wed Sep 05 17:46:31 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	730944	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	553780	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	303129	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.388	111	751904	101.1515486	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 404.61%			
42) 1,2-Dichloroethane-d4	9.988	65	922686	99.2332734	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 396.93%			
56) Toluene-d8	12.252	98	2806039	99.6529269	ug/L	0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 398.61%			
77) p-Bromofluorobenzene	15.406	95	1153236	100.9412171	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 403.76%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	2037873	200.8603	ug/L	99
3) Chloromethane	3.51	50	1999913	205.0613	ug/L	99
4) Vinyl Chloride	3.72	62	1599594	161.7790	ug/L	99
5) 1,3-Butadiene	3.76	54	1106346	155.4218	ug/L	99
6) Bromomethane	4.59	94	1028799	233.9796	ug/L	99
7) Chloroethane	4.76	64	1249393	200.5165	ug/L	99
8) Trichlorofluoromethane	5.25	101	2933362	208.9949	ug/L	98
9) Diethyl ether	5.78	59	5096	1.1470	ug/L	85
10) Isoprene	5.81	67	2099764	209.2570	ug/L	94
11) Acrolein	5.99	56	115672	376.7169	ug/L	95
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	1308966	189.8235	ug/L	99
13) Acetone	6.10	43	209883	180.9222	ug/L	96
14) 1,1-Dichloroethene	6.32	61	2943837	221.8074	ug/L	98
15) Tert-Butyl Alcohol	6.57	59	81946	1108.2544	ug/L #	99
16) Dimethyl Sulfide	6.57	62	2106047	208.8337	ug/L	95
17) Iodomethane	6.81	142	1438943	208.1396	ug/L	96
18) Methyl acetate	6.82	43	621523	199.6013	ug/L	97
19) Methylene Chloride	7.07	84	1449619	144.7361	ug/L	94
20) Carbon Disulfide	7.11	76	4501922	209.5060	ug/L	99
21) Acrylonitrile	7.24	53	375159	213.3807	ug/L	99
22) Methyl Tert Butyl Ether	7.30	73	3305960	195.6617	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	1536854	214.6486	ug/L	95
24) n-Hexane	7.62	57	2317036	192.8229	ug/L	99
25) Diisopropyl ether	8.08	45	17799	4.9957	ug/L #	1
26) Vinyl Acetate	8.08	43	2128602	206.0031	ug/L	99
27) 1,1-Dichloroethane	8.11	63	3377326	204.1258	ug/L	100
29) 2-Butanone	8.64	43	313313	205.0240	ug/L	98
31) 2,2-Dichloropropane	8.85	77	2940343	226.0372	ug/L	98
32) cis-1,2-Dichloroethene	8.91	96	1600646	213.5811	ug/L	95
33) Chloroform	9.11	83	2944043	205.4708	ug/L	100
34) Bromochloromethane	9.33	130	816271	209.9710	ug/L	97
35) Tetrahydrofuran	9.67	42	533162	560.7113	ug/L #	99
37) 1,1,1-Trichloroethane	9.63	97	2752738	207.8120	ug/L	98
38) Cyclohexane	9.67	56	2908886	197.5967	ug/L	98
39) 1,1-Dichloropropene	9.81	75	2264077	218.2410	ug/L	99
40) Carbon Tetrachloride	9.96	117	2276289	216.9964	ug/L	99
41) Tert-Amyl-Methyl ether	10.15	73	105706	58.2055	ug/L #	100
43) 1,2-Dichloroethane	10.10	62	2357989	200.8763	ug/L	99
44) Benzene	10.15	78	5908606	208.6426	ug/L	99
45) Trichloroethene	10.87	130	1503056	221.1383	ug/L	99

(#) = qualifier out of range (m) = manual integration
 11M45215.D 8260WT.M Wed Sep 05 18:13:32 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45215.D

Vial: 10

Acq On : 5 Sep 2007 17:51

Operator: MES

Sample : WG249372-10 200 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 05 18:13:31 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Wed Sep 05, 17:46:31 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Methylcyclohexane	10.96	83	2250131	200.5585	ug/L	95
47) 1,2-Dichloropropane	11.06	63	1661428	214.4883	ug/L	97
49) Bromodichloromethane	11.34	83	2170919	216.0570	ug/L	99
50) Dibromomethane	11.41	93	680382	219.5048	ug/L	99
51) 2-Chloroethyl Vinyl Ether	11.62	63	754471	211.7312	ug/L	98
52) 4-Methyl-2-Pentanone	11.65	58	354003	208.1831	ug/L	99
53) cis-1,3-Dichloropropene	11.94	75	2488434	218.8426	ug/L	99
54) Dimethyl Disulfide	12.18	79	1333856	222.0323	ug/L	98
57) Toluene	12.35	91	6393987	207.6481	ug/L	100
58) Ethyl Methacrylate	12.43	69	1218428	208.2163	ug/L	95
59) trans-1,3-Dichloropropene	12.50	75	2222316	209.9765	ug/L	99
60) 1,1,2-Trichloroethane	12.70	97	944122	201.3490	ug/L	100
61) 2-Hexanone	12.65	43	508927	204.5160	ug/L #	97
62) 1,3-Dichloropropane	12.99	76	1813060	204.3483	ug/L	97
63) Tetrachloroethene	13.11	164	1112050	198.4077	ug/L	100
64) Dibromochloromethane	13.35	129	1330594	217.7433	ug/L	100
65) 1,2-Dibromoethane	13.59	107	929539	206.1948	ug/L	100
66) 1-Chlorohexane	13.68	91	2037322	212.6418	ug/L	93
67) Chlorobenzene	14.06	112	4283322	209.6670	ug/L	99
68) 1,1,1,2-Tetrachloroethane	14.09	131	1379341	200.4493	ug/L	99
69) Ethylbenzene	14.09	106	2300719	215.2287	ug/L	98
70) m-,p-Xylene	14.18	106	5817785	430.2188	ug/L	91
71) o-Xylene	14.69	106	2818576	212.7894	ug/L	95
72) Styrene	14.72	104	4821043	224.9418	ug/L	96
73) Bromoform	15.18	173	703578	220.9962	ug/L	99
74) Isopropylbenzene	15.09	105	7157735	213.8498	ug/L	99
76) 1,1,2,2-Tetrachloroethane	15.28	83	986392	218.1820	ug/L	98
78) 1,2,3-Trichloropropane	15.46	110	340131	212.2333	ug/L	92
79) trans-1,4-Dichloro-2-Butene	15.50	53	455937	216.0762	ug/L	96
80) n-Propylbenzene	15.56	91	9097483	217.3944	ug/L	100
81) Bromobenzene	15.69	156	1540504	202.0829	ug/L	99
82) 1,3,5-Trimethylbenzene	15.74	105	6492955	216.4322	ug/L	98
83) 2-Chlorotoluene	15.82	91	6486784	232.0285	ug/L	91
84) 4-Chlorotoluene	15.86	91	5111164	182.4982	ug/L	88
85) a-Methylstyrene	16.11	118	3496240	218.0830	ug/L	100
86) tert-Butylbenzene	16.17	134	1164642	221.7471	ug/L	97
87) 1,2,4-Trimethylbenzene	16.21	105	6726672	212.7584	ug/L	97
88) sec-Butylbenzene	16.42	105	7554646	221.5371	ug/L	100
89) p-Isopropyltoluene	16.56	119	6556965	217.7229	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	3186161	205.6335	ug/L	100
91) 1,4-Dichlorobenzene	16.86	146	3231633	209.4809	ug/L	99
92) n-Butylbenzene	17.05	91	6114254	222.1728	ug/L	100
93) 1,2-Dichlorobenzene	17.32	146	2759566	206.8970	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	18.23	75	199189	213.5265	ug/L	97
95) 1,2,4-Trichlorobenzene	19.29	180	1925663	194.6626	ug/L	97
96) Hexachlorobutadiene	19.44	225	699191	206.6108	ug/L	98
97) Naphthalene	19.63	128	3212770	192.9556	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	1519237	193.0947	ug/L	98

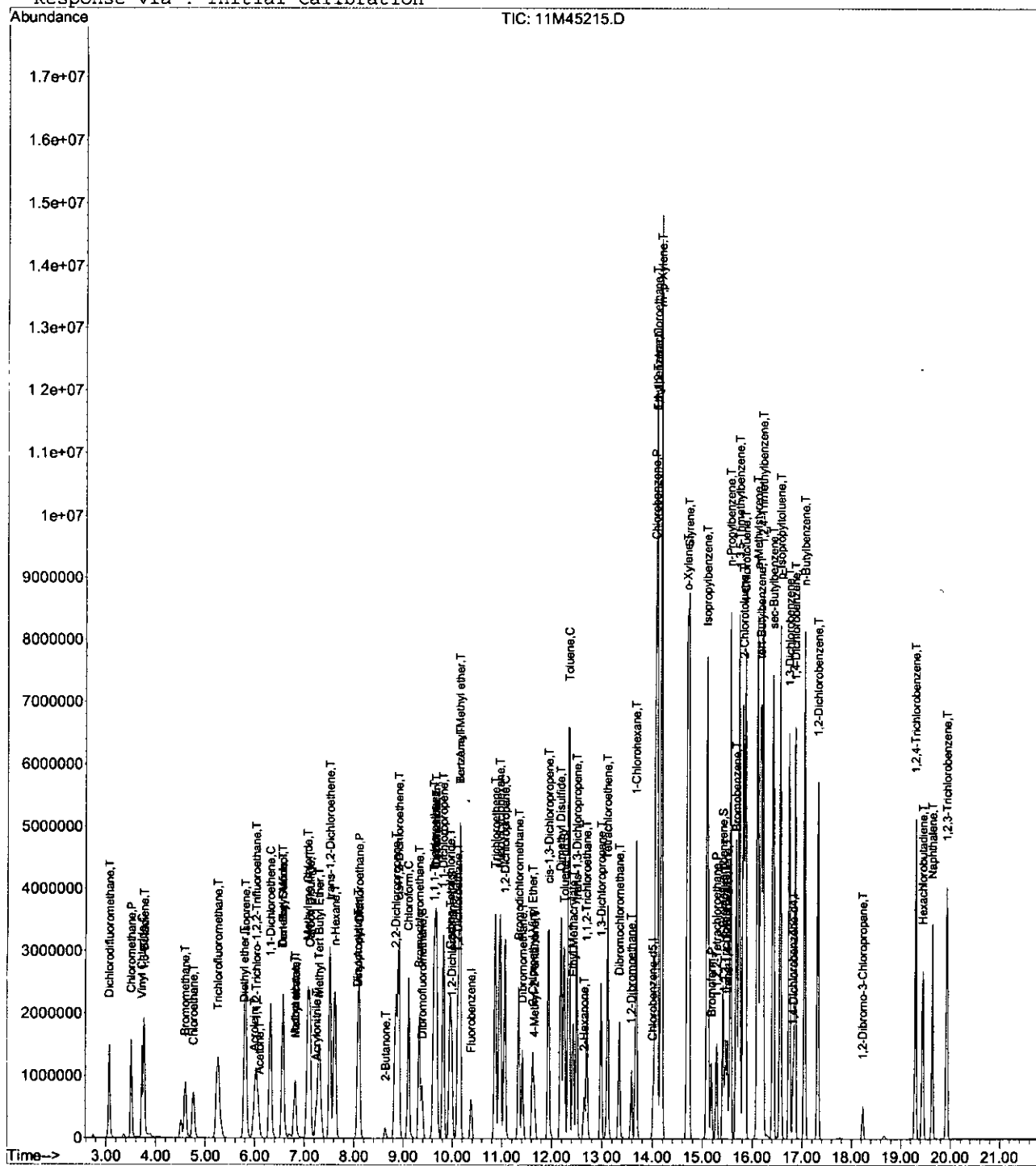
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11M45215.D 8260WT.M Wed Sep 05 18:13:32 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45215.D
Acq On : 5 Sep 2007 17:51
Sample : WG249372-10 200 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 5 18:13 2007

Vial: 10
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 17:46:31 2007
Response via : Initial Calibration



11M45215.D 8260WT.M Wed Sep 05 18:13:33 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090507\11M45219.D

Vial: 14

Acq On : 5 Sep 2007 19:51

Operator: MES

Sample : WG249372-03 0.4ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:16:35 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	713395	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	504817	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	275698	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	0.000	111	0	0.0000000	ug/L	
Spiked Amount 25.000	Range 86 - 118		Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.000	65	0d	0.0000000	ug/L	
Spiked Amount 25.000	Range 80 - 120		Recovery	=	0.00%#	
56) Toluene-d8	0.000	98	0d	0.0000000	ug/L	
Spiked Amount 25.000	Range 88 - 110		Recovery	=	0.00%#	
77) p-Bromofluorobenzene	0.000	95	0d	0.0000000	ug/L	
Spiked Amount 25.000	Range 86 - 115		Recovery	=	0.00%#	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	3.74	62	3520	0.3723	ug/L	84
6) Bromomethane	4.60	94	860	0.9705	ug/L	76
8) Trichlorofluoromethane	5.25	101	2964	0.5401	ug/L	89
14) 1,1-Dichloroethene	6.32	61	3960	0.2935	ug/L	96
23) trans-1,2-Dichloroethene	7.52	96	2516	0.3526	ug/L	86
27) 1,1-Dichloroethane	8.11	63	5049	0.3128	ug/L #	87
32) cis-1,2-Dichloroethene	8.91	96	2492	0.3409	ug/L	94
33) Chloroform	9.11	83	5291	0.3728	ug/L	96
34) Bromochloromethane	9.33	130	1201	0.3166	ug/L	83
37) 1,1,1-Trichloroethane	9.63	97	3894	0.2914	ug/L #	80
39) 1,1-Dichloropropene	9.82	75	3144	0.2980	ug/L	84
40) Carbon Tetrachloride	9.96	117	2756	0.6032	ug/L #	90
43) 1,2-Dichloroethane	10.10	62	4273	0.3588	ug/L #	81
44) Benzene	10.14	78	10126	0.3676	ug/L	99
45) Trichloroethene	10.87	130	2612	0.3777	ug/L	93
47) 1,2-Dichloropropane	11.05	63	2398	0.3112	ug/L	82
49) Bromodichloromethane	11.34	83	3271	0.3286	ug/L #	95
50) Dibromomethane	11.40	93	889	0.2839	ug/L	84
53) cis-1,3-Dichloropropene	11.94	75	3612	0.3246	ug/L	91
57) Toluene	12.34	91	10116	0.3550	ug/L	100
59) trans-1,3-Dichloropropene	12.49	75	3290	0.3330	ug/L #	70
60) 1,1,2-Trichloroethane	12.70	97	1073	0.2615	ug/L	87
62) 1,3-Dichloropropane	12.98	76	3070	0.3684	ug/L	97
63) Tetrachloroethene	13.11	164	1123	0.5352	ug/L #	53
64) Dibromochloromethane	13.36	129	1547	0.5243	ug/L	95
65) 1,2-Dibromoethane	13.58	107	1415	0.3401	ug/L	98
66) 1-Chlorohexane	13.68	91	2117	0.6378	ug/L	81
67) Chlorobenzene	14.06	112	7339	0.3828	ug/L	92
68) 1,1,1,2-Tetrachloroethane	14.09	131	1782	0.2819	ug/L	77
69) Ethylbenzene	14.09	106	3679	0.3644	ug/L	98
70) m-,p-Xylene	14.17	106	8957	0.7009	ug/L	91
71) o-Xylene	14.69	106	4371	0.3565	ug/L	95
72) Styrene	14.72	104	6454	0.3254	ug/L	77
74) Isopropylbenzene	15.10	105	10603	0.3371	ug/L	86
76) 1,1,2,2-Tetrachloroethane	15.28	83	1336	0.3171	ug/L #	45
80) n-Propylbenzene	15.56	91	12953	0.3277	ug/L	95
81) Bromobenzene	15.67	156	2187	0.3227	ug/L	69
82) 1,3,5-Trimethylbenzene	15.74	105	9921	0.3519	ug/L	88
83) 2-Chlorotoluene	15.81	91	11775	0.4419	ug/L	84
84) 4-Chlorotoluene	15.86	91	8080	0.3134	ug/L	89

(#)= qualifier out of range (m)= manual integration

11M45219.D 8260WT.M Thu Sep 06 17:18:23 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090507\11M45219.D Vial: 14
Acq On : 5 Sep 2007 19:51 Operator: MES
Sample : WG249372-03 0.4ug/L WATER STD 8260 Inst : HPMS11
Misc : 1,1 STD21737 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 06 17:16:35 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86) tert-Butylbenzene	16.16	134	1557	0.3143	ug/L	81
87) 1,2,4-Trimethylbenzene	16.21	105	10028	0.3433	ug/L	99
88) sec-Butylbenzene	16.42	105	10658	0.3325	ug/L	92
89) p-Isopropyltoluene	16.56	119	8859	0.3166	ug/L	97
90) 1,3-Dichlorobenzene	16.74	146	5412	0.3808	ug/L	97
91) 1,4-Dichlorobenzene	16.86	146	5405	0.3846	ug/L #	7
92) n-Butylbenzene	17.05	91	10110	0.3821	ug/L	96
93) 1,2-Dichlorobenzene	17.31	146	4793	0.3919	ug/L	84
95) 1,2,4-Trichlorobenzene	19.29	180	5399	0.7280	ug/L	92
96) Hexachlorobutadiene	19.45	225	1367	0.4264	ug/L #	79
97) Naphthalene	19.63	128	9560	0.7300	ug/L #	92
98) 1,2,3-Trichlorobenzene	19.92	180	5604	0.7520	ug/L	88

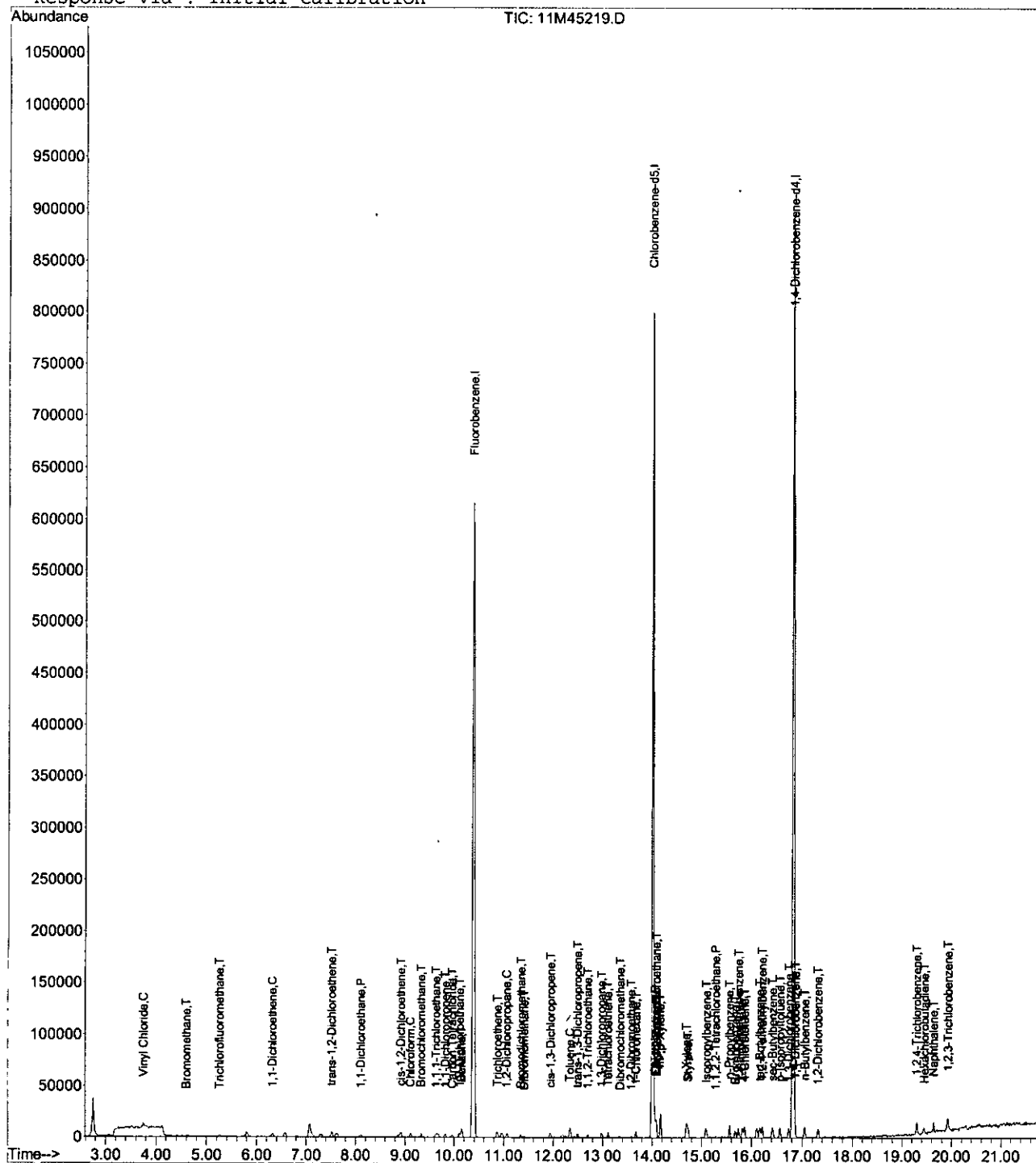
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11M45219.D 8260WT.M Thu Sep 06 17:18:23 2007

Page 2

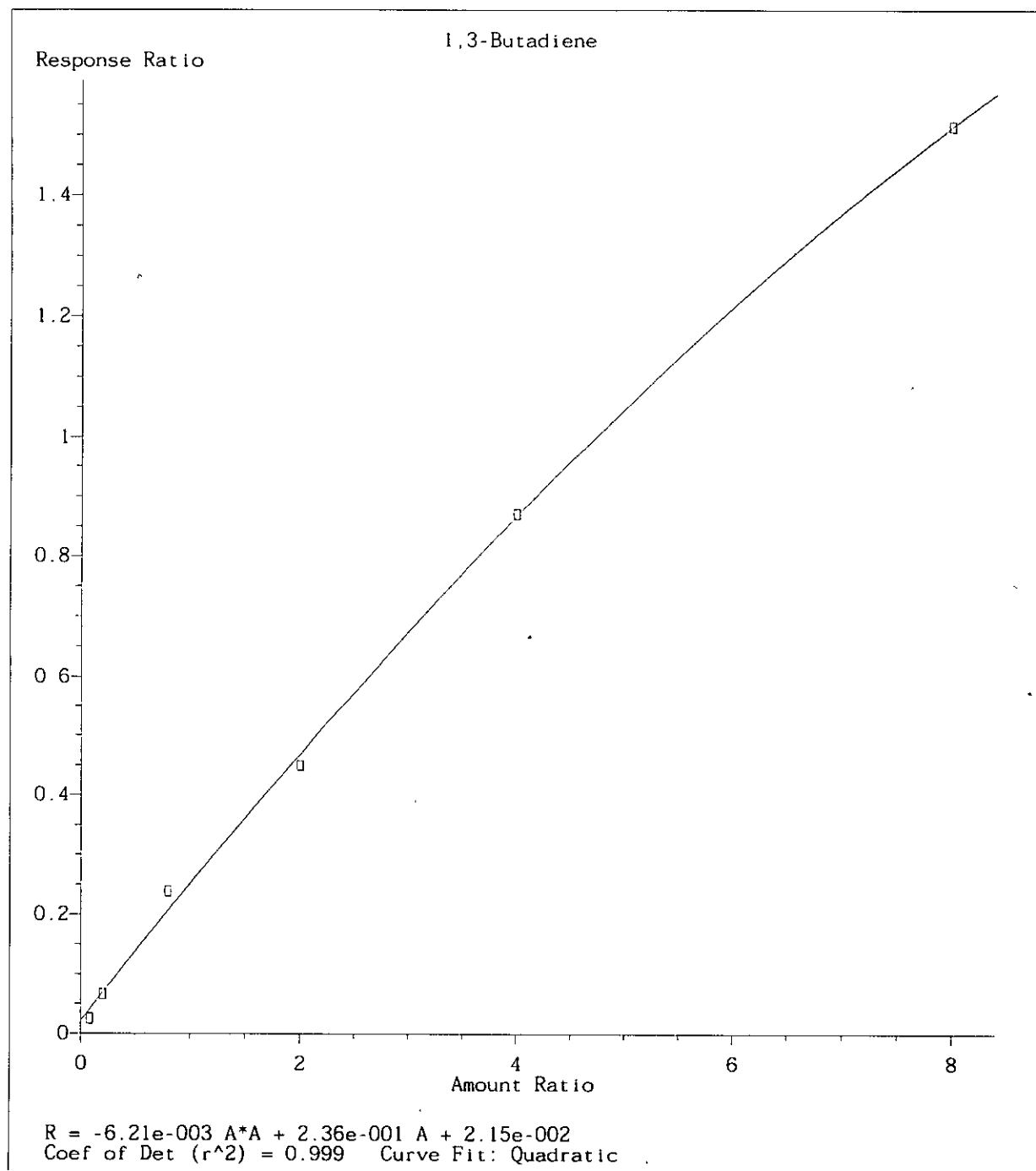
Vial: 14
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

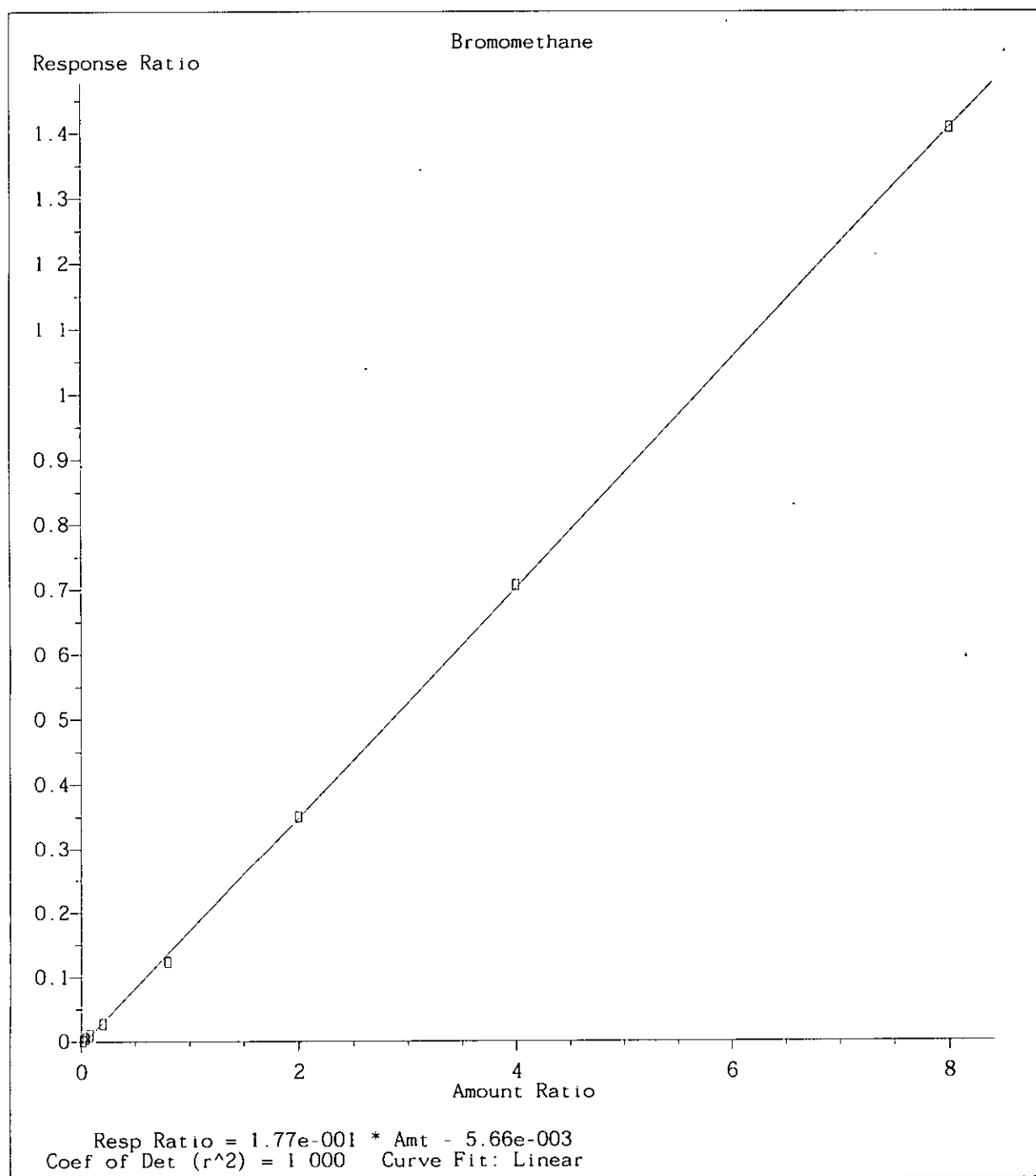
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Title        : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update   : Thu Sep 06 14:39:42 2007
Response via  : Initial Calibration
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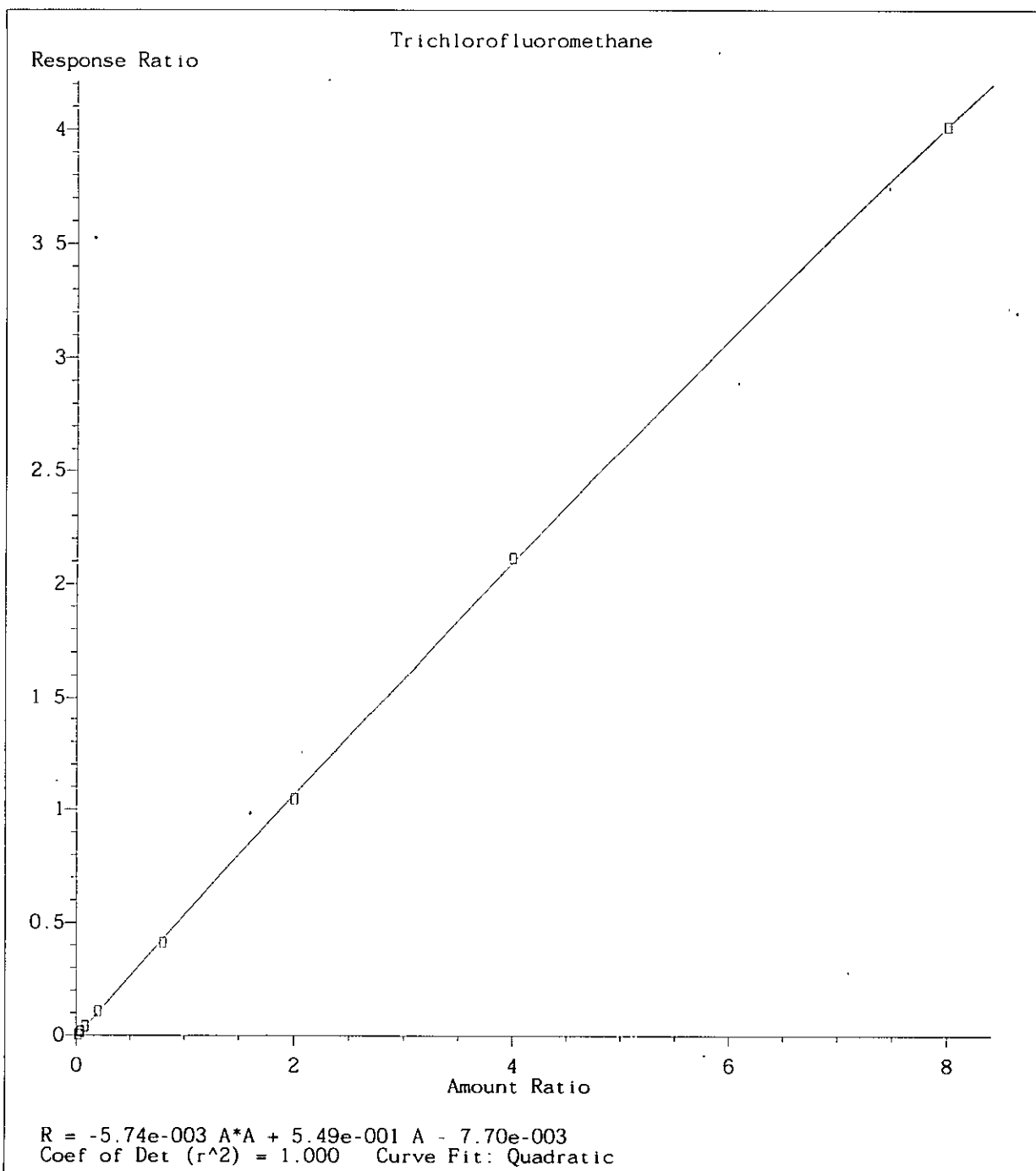
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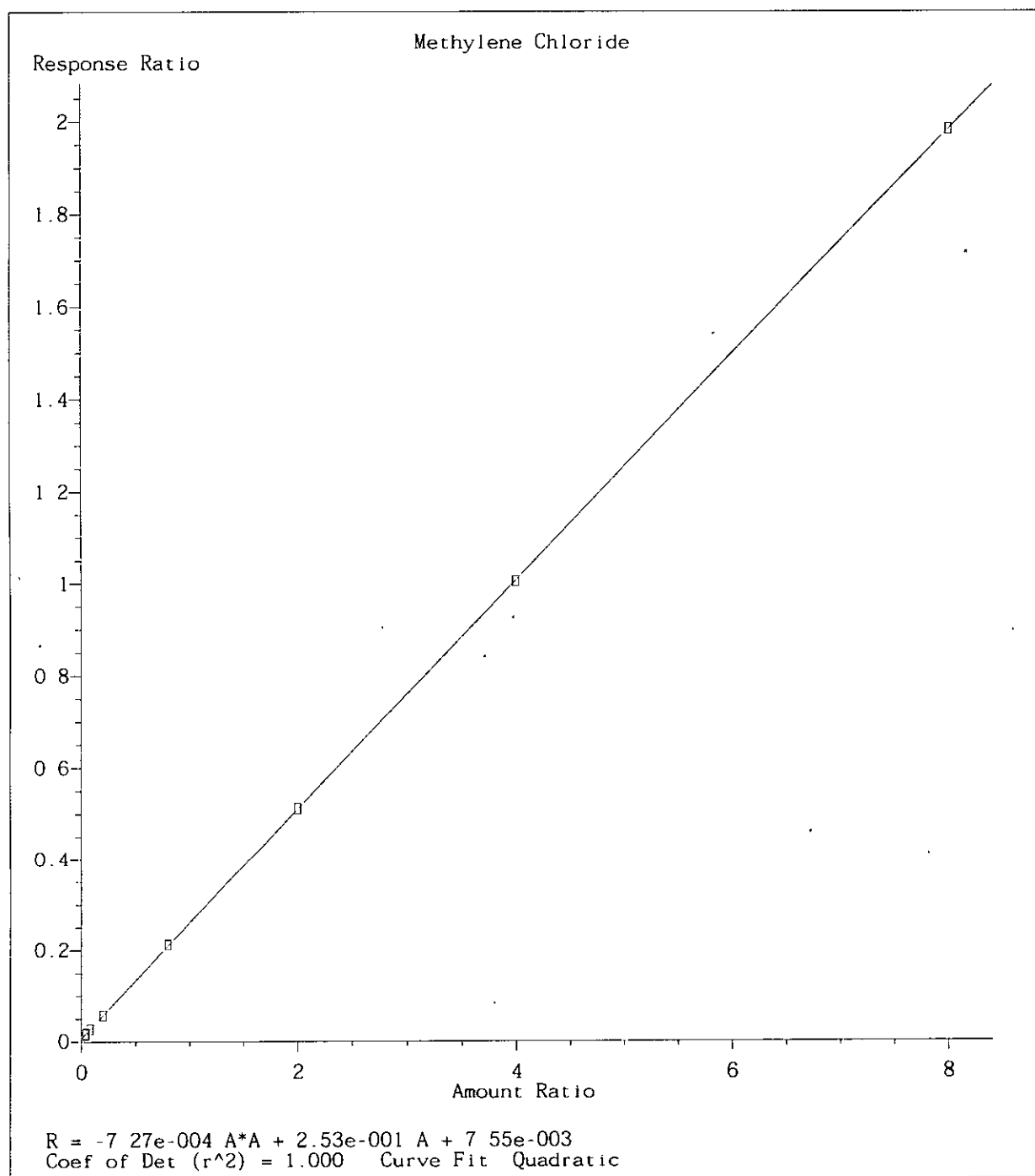
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



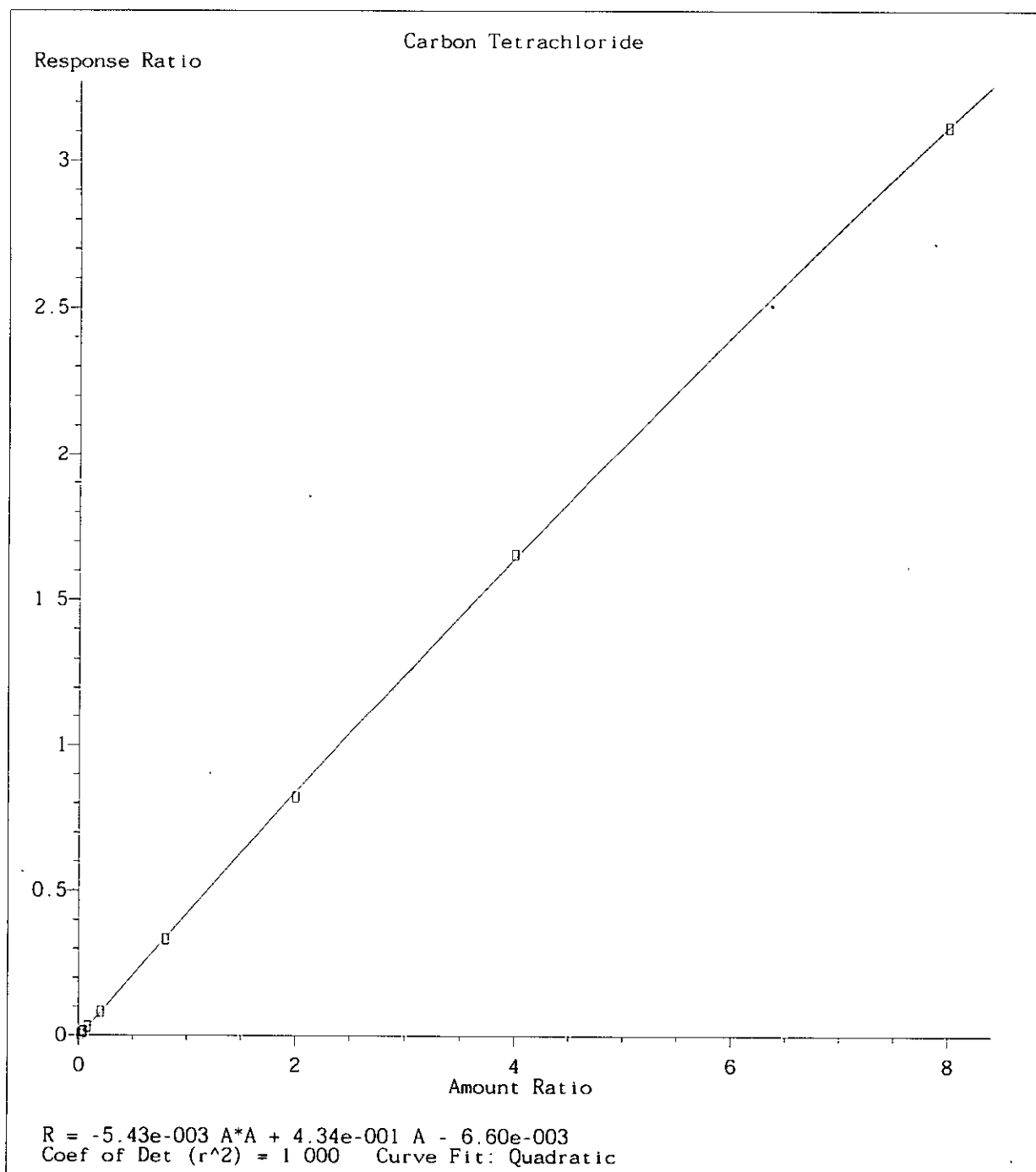
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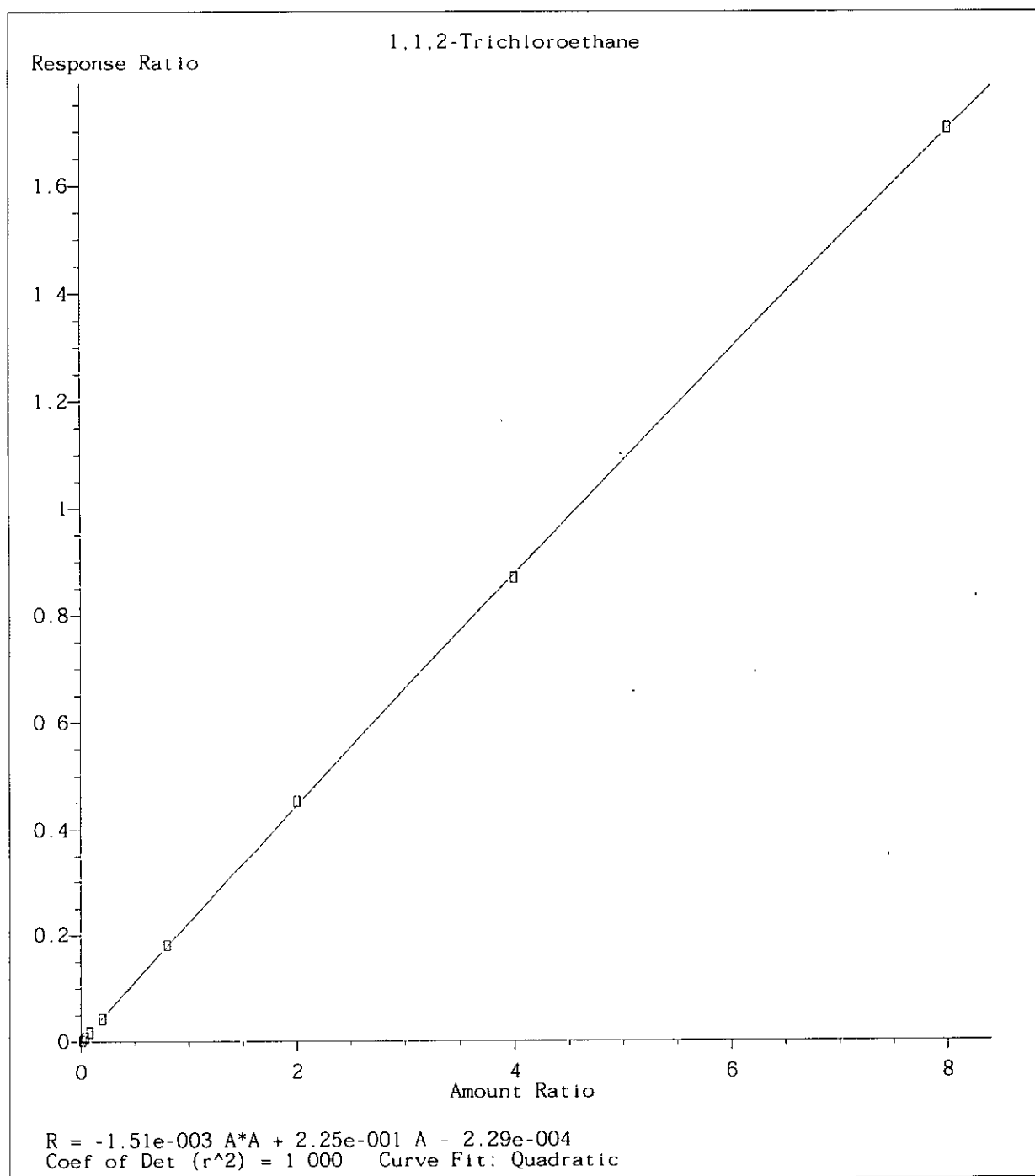
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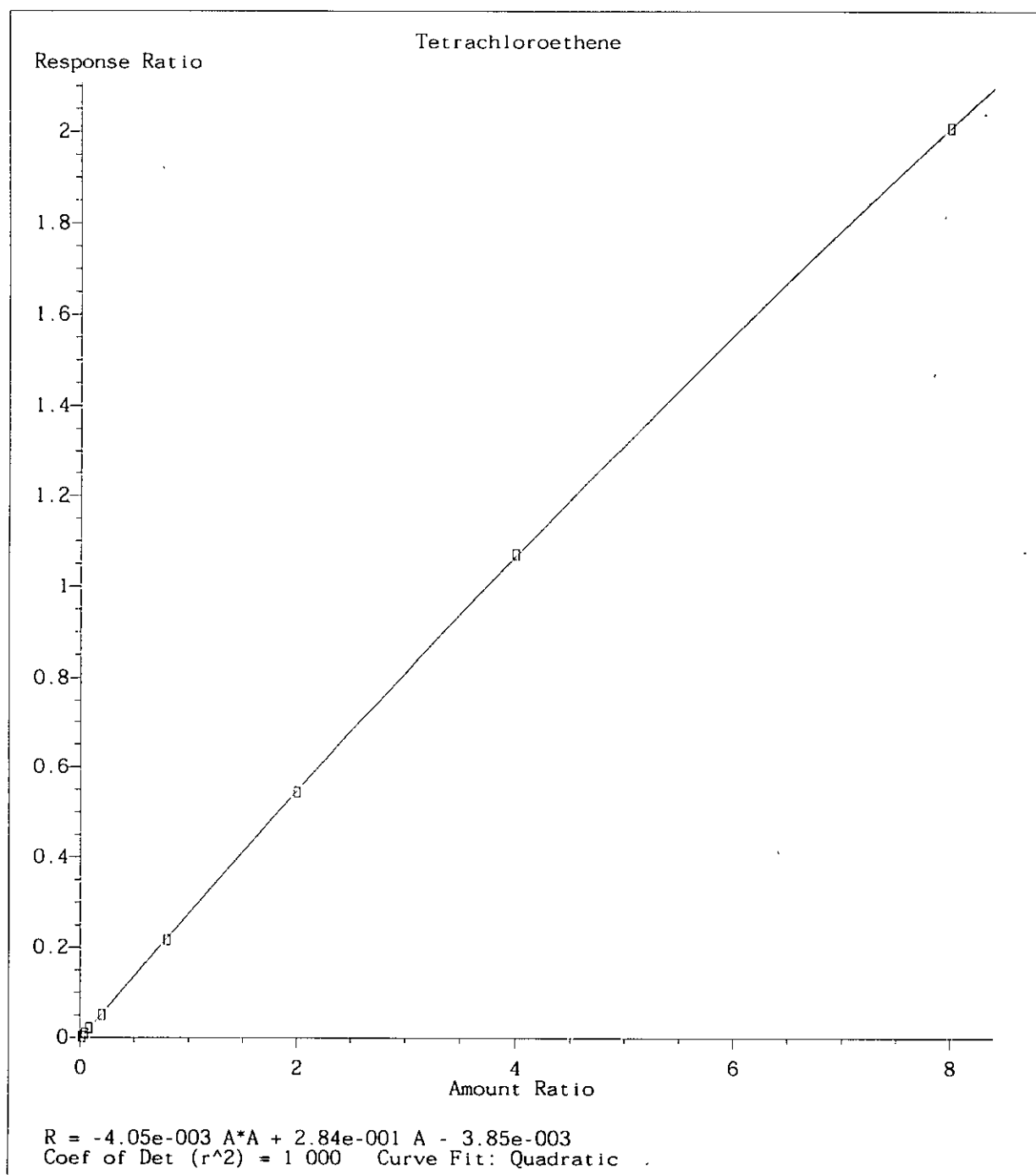
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Calibration Table Last Updated Thu Sep 06 14:39:42 2007



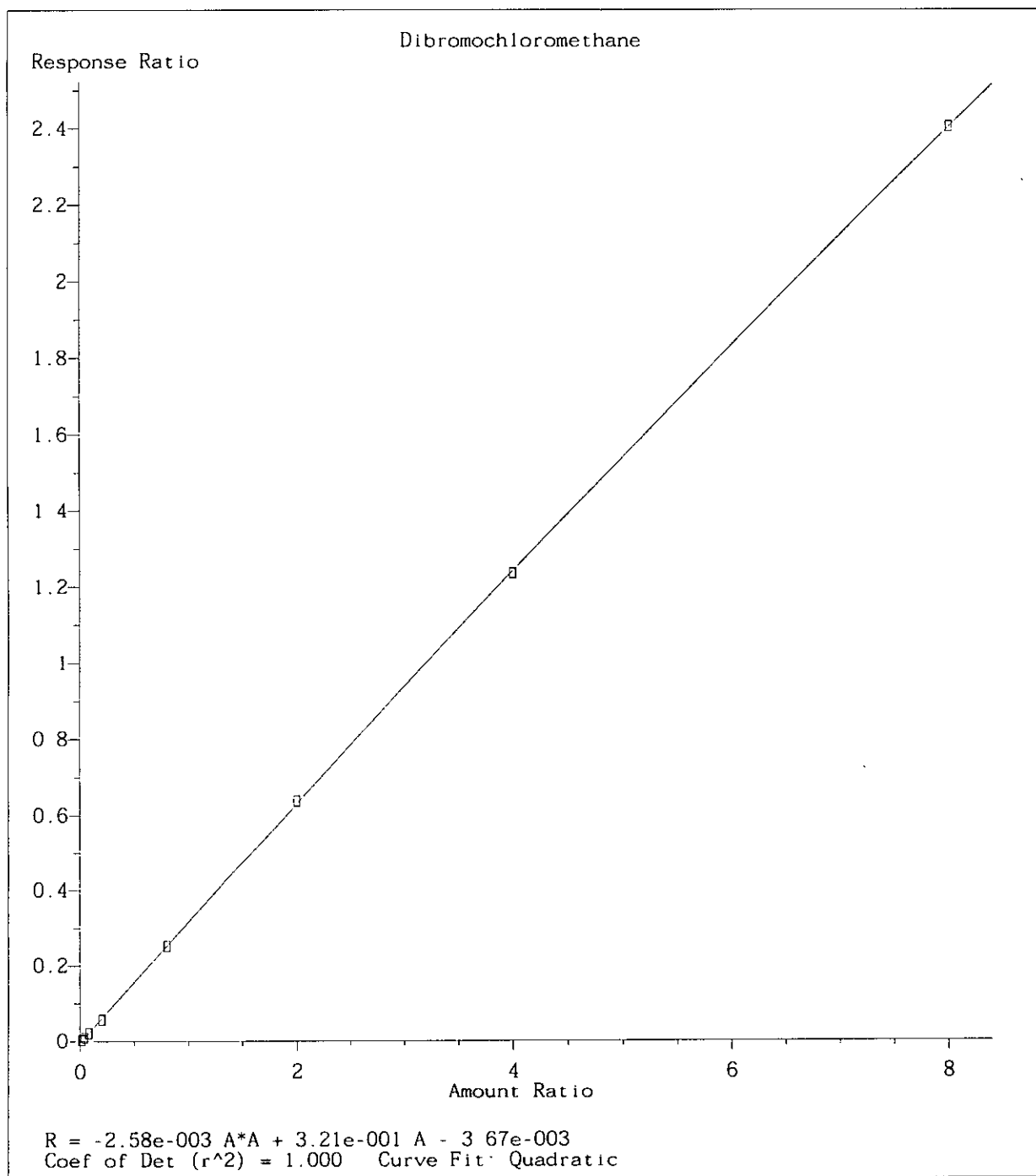
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



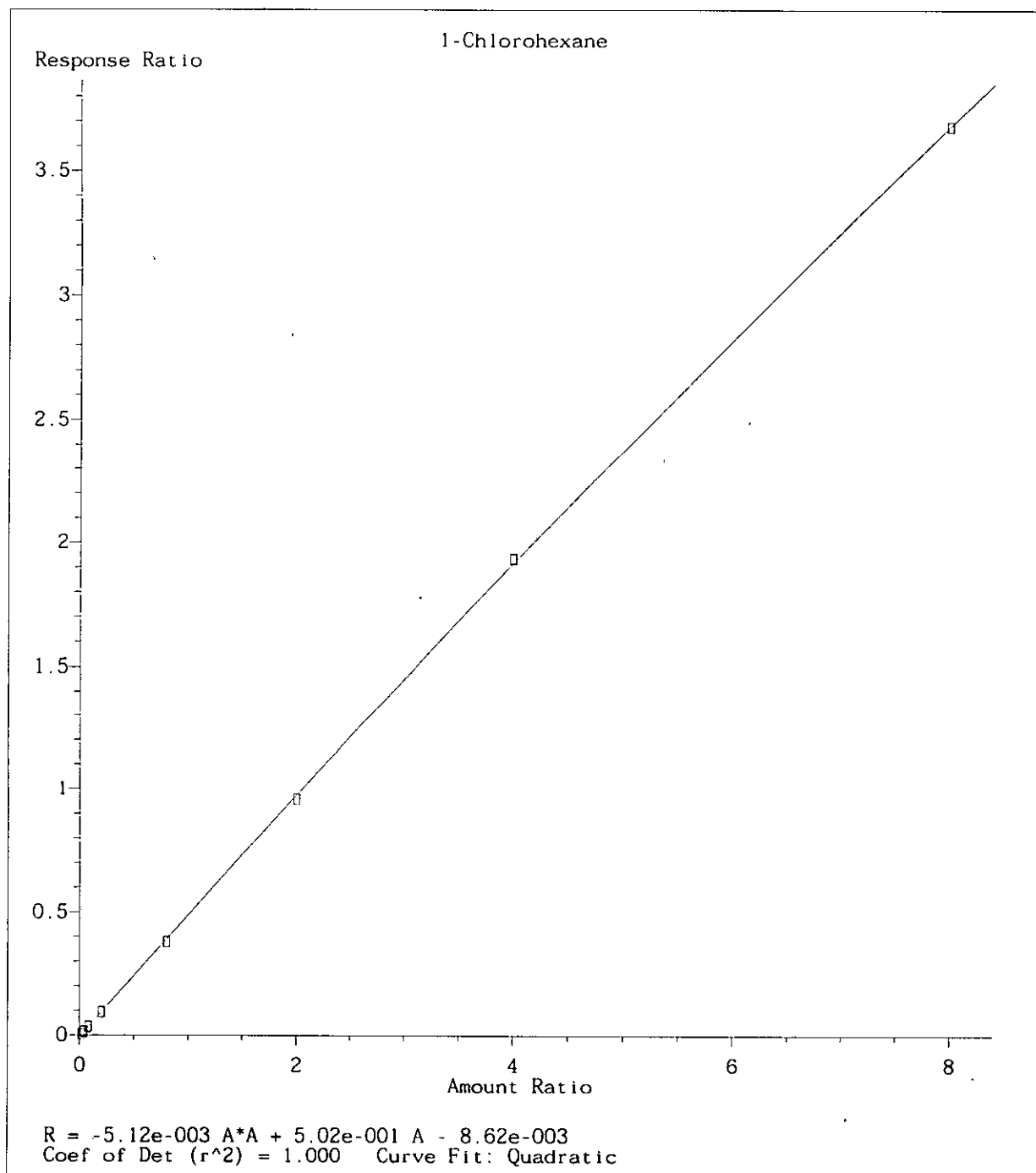
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Calibration Table Last Updated Thu Sep 06 14:39:42 2007



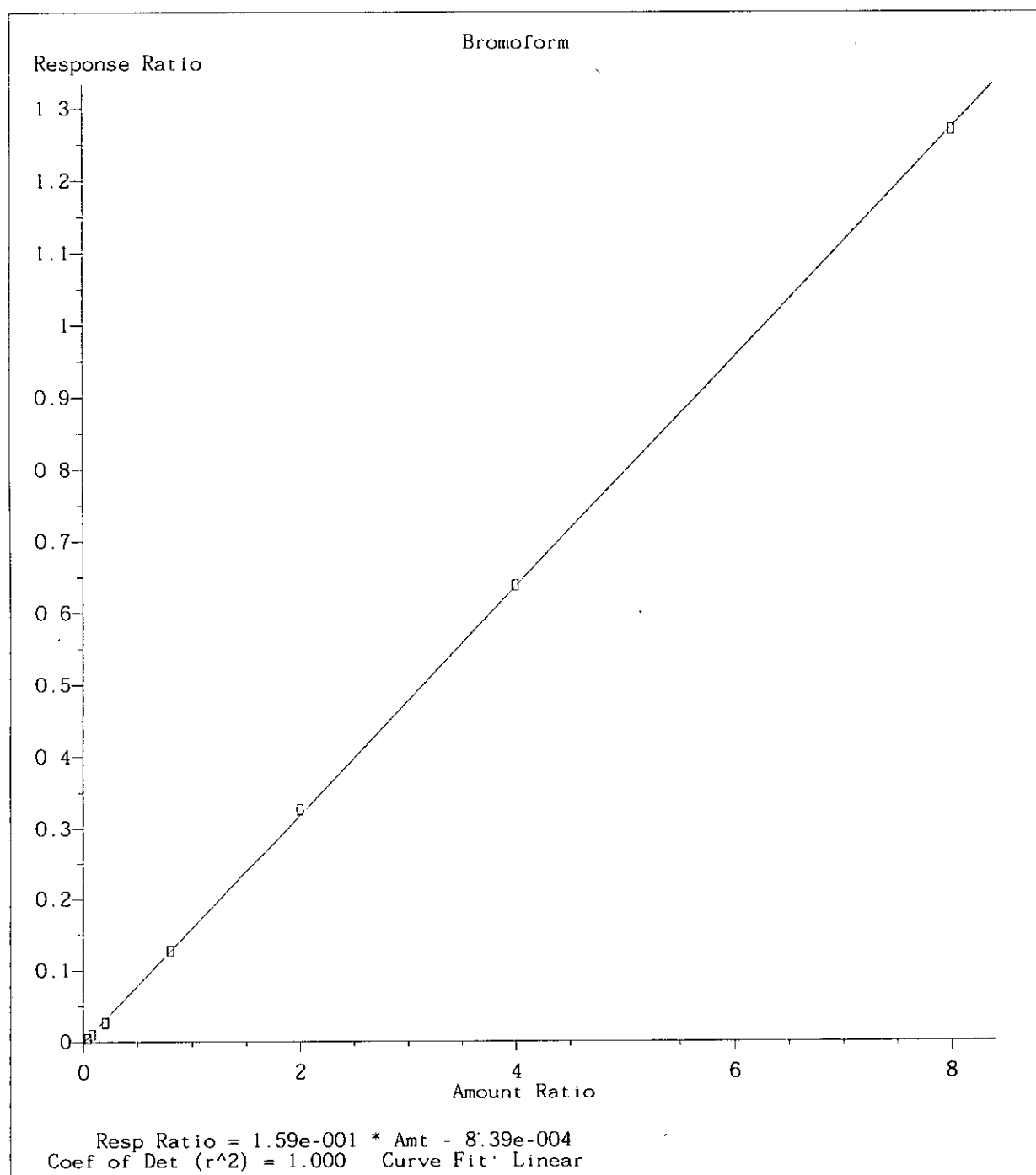
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



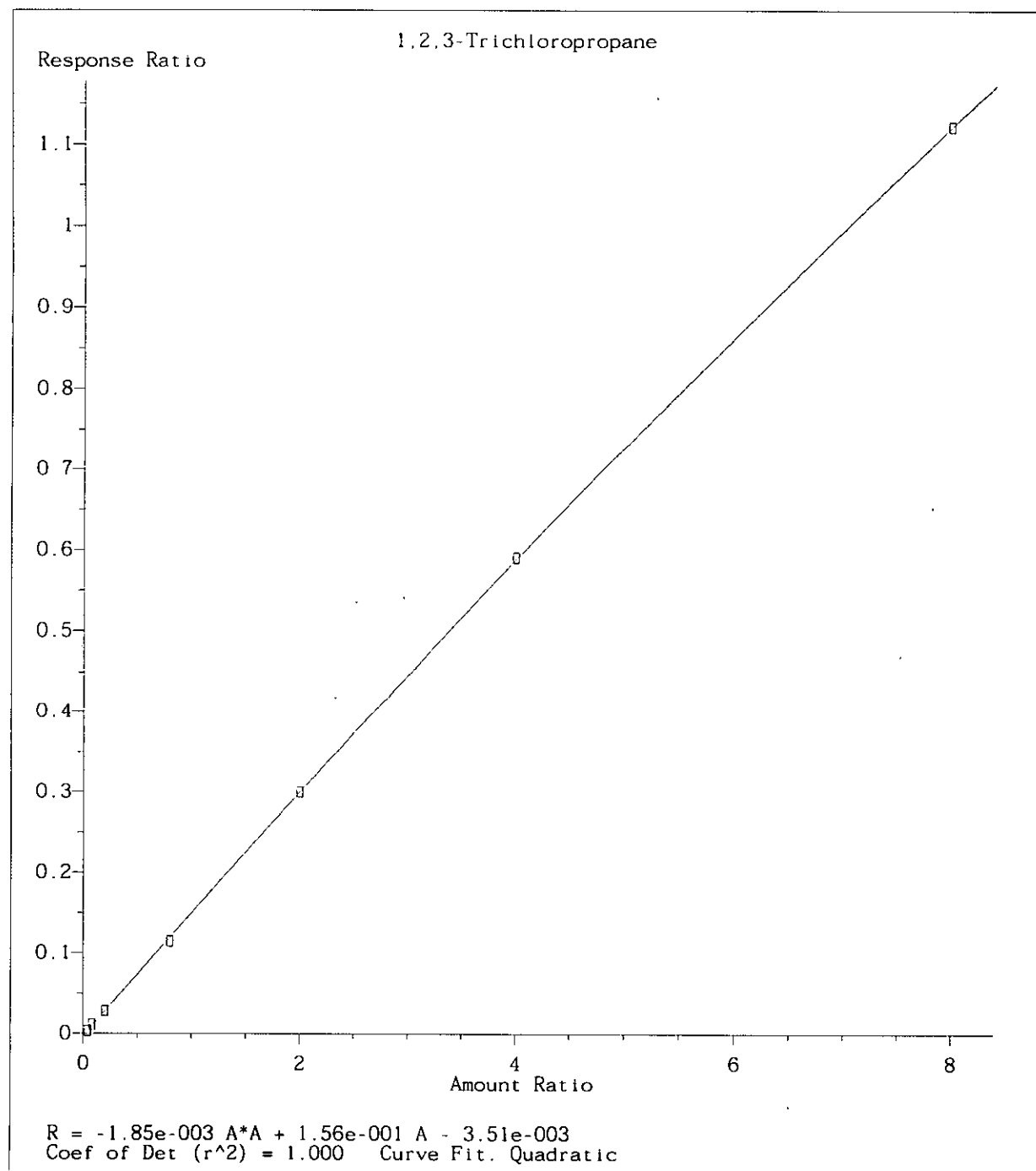
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Calibration Table Last Updated: Thu Sep 06 14 39:42 2007



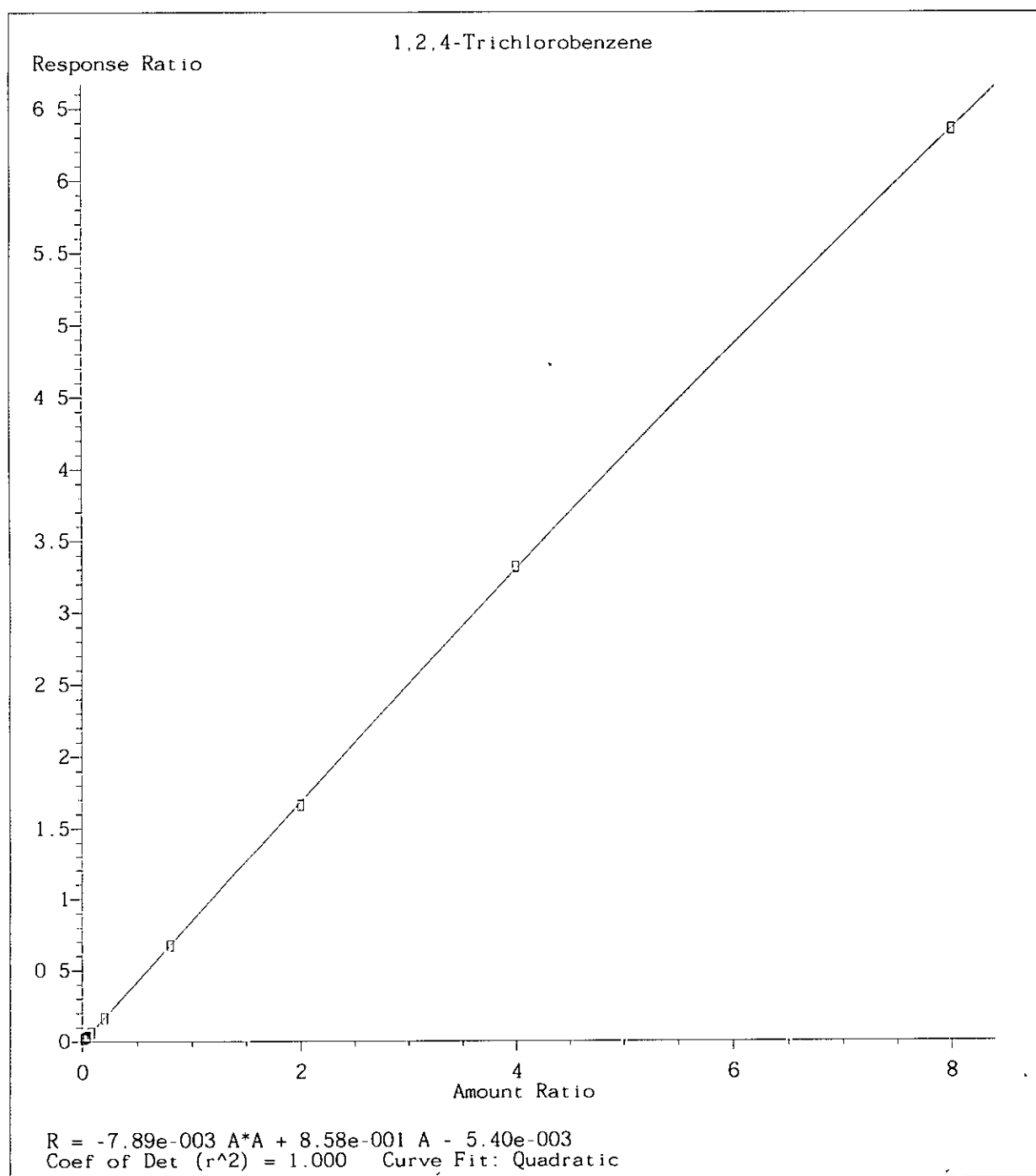
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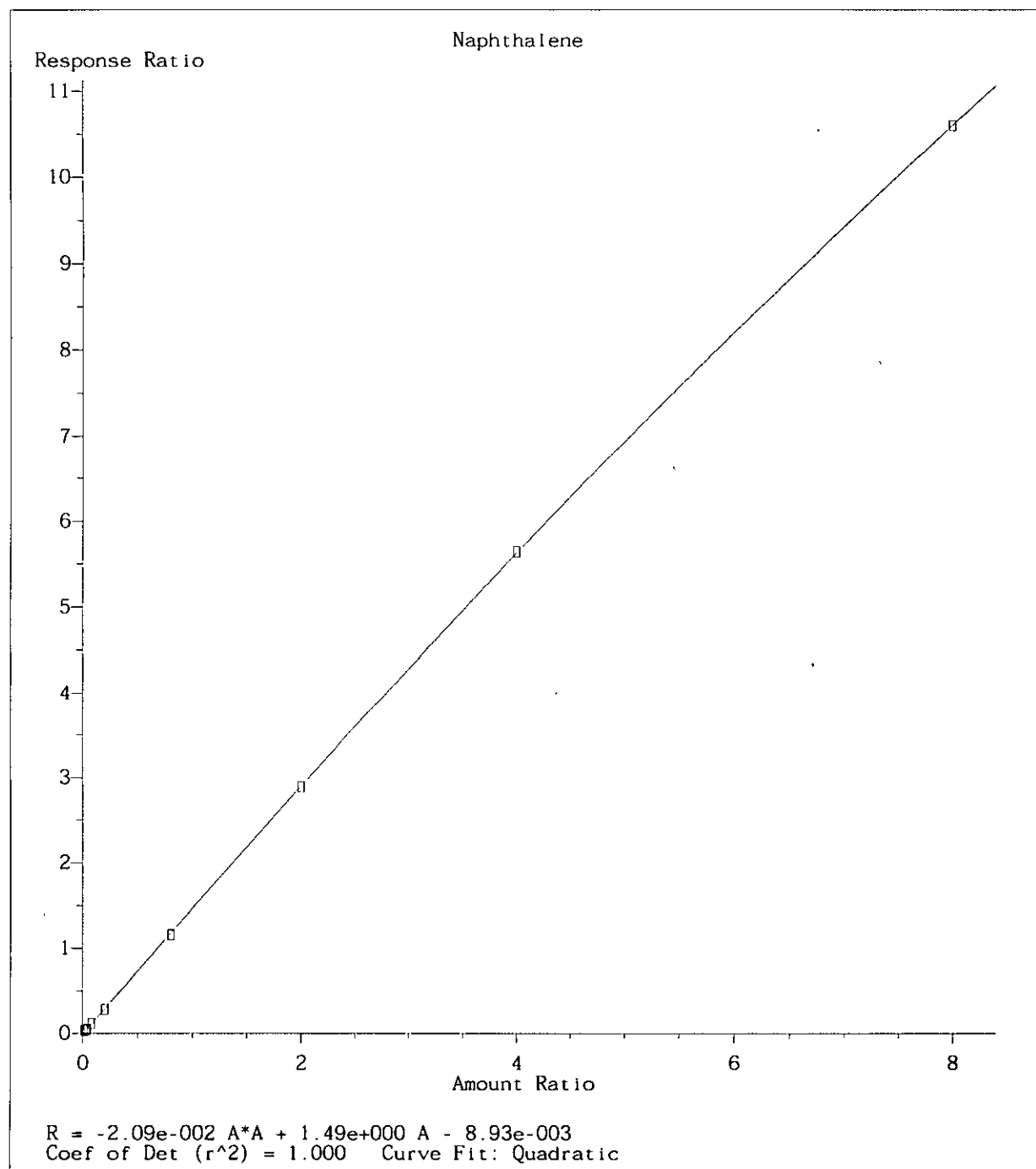
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Calibration Table Last Updated: Thu Sep 06 14:39 42 2007



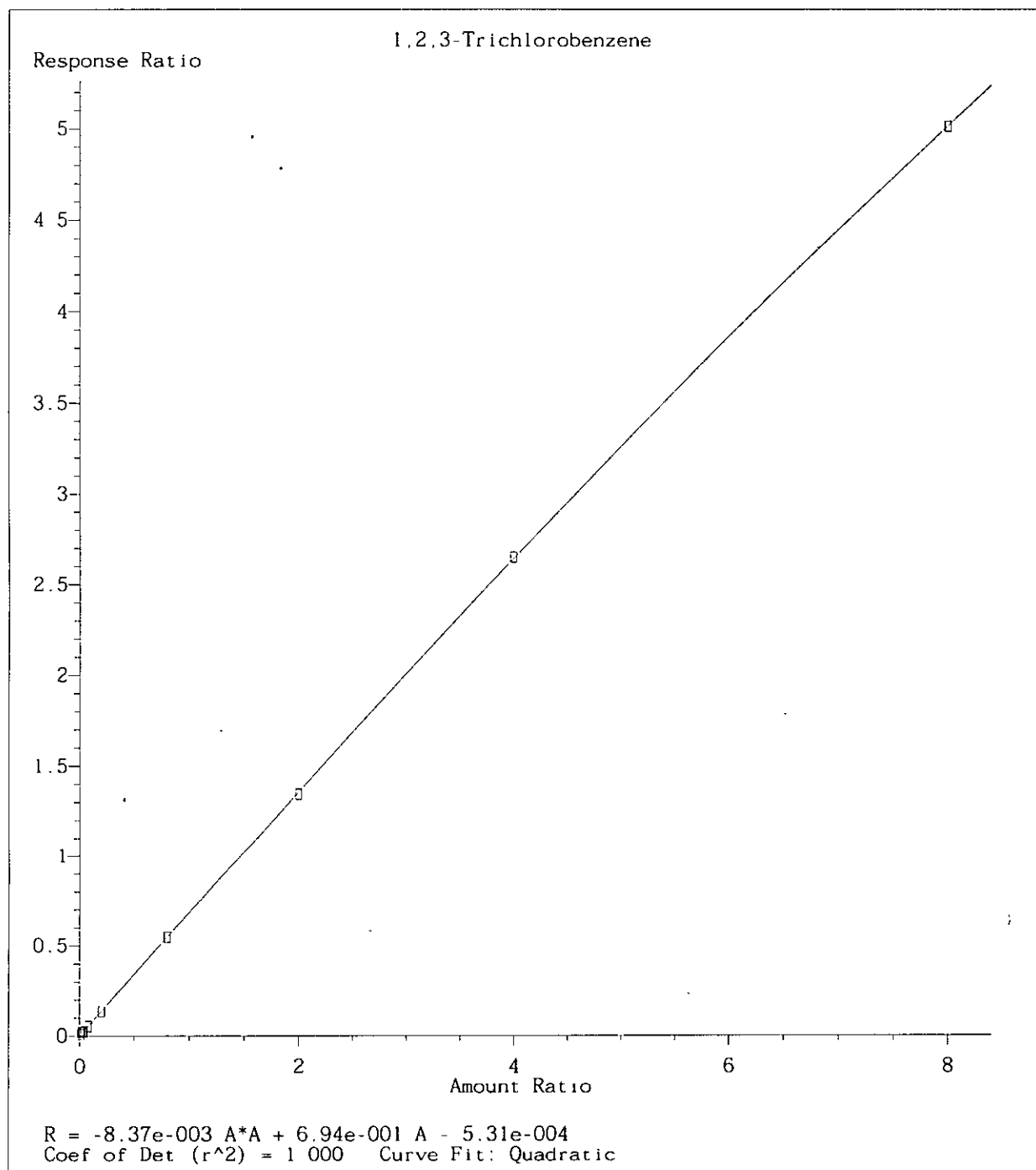
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007

Data File : C:\MSDCHEM\1\DATA\090607\11M45228.D

Vial: 4

Acq On : 6 Sep 2007 14:21

Operator: MES

Sample : WG249372-11 20ug/L ALT SOURCE

Inst : HPMS11

Misc : 1,1 STD21669

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 14:42:53 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	753925	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	545507	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	294380	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	9.378	111	181880	23.3631602	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 93.45%			
42) 1,2-Dichloroethane-d4	9.988	65	225342	22.0842845	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 88.34%			
56) Toluene-d8	12.242	98	676868	23.3404597	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 93.36%			
77) p-Bromofluorobenzene	15.406	95	272610	23.3558161	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 93.42%			

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.07	85	297987	26.3725	ug/L 98
3) Chloromethane	3.51	50	220430	20.9894	ug/L 98
4) Vinyl Chloride	3.73	62	226162	22.6365	ug/L 99
5) 1,3-Butadiene	3.77	54	143076	18.1535	ug/L 97
6) Bromomethane	4.61	94	116423	22.6308	ug/L 97
7) Chloroethane	4.77	64	151368	22.8273	ug/L 98
8) Trichlorofluoromethane	5.26	101	292621	18.1637	ug/L 98
10) Isoprene	5.82	67	225951	21.7497	ug/L 98
11) Acrolein	5.99	56	55913	202.1810	ug/L 99
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	152038	21.8090	ug/L 98
13) Acetone	6.09	43	25183	21.2169	ug/L 99
14) 1,1-Dichloroethene	6.32	61	333744	23.4064	ug/L 100
16) Dimethyl Sulfide	6.58	62	214408	20.4759	ug/L 99
17) Iodomethane	6.81	142	113798	16.0358	ug/L 98
18) Methyl acetate	6.82	43	70171	21.8347	ug/L 96
19) Methylene Chloride	7.07	84	164203	20.8484	ug/L 100
20) Carbon Disulfide	7.11	76	425254	19.2243	ug/L 100
21) Acrylonitrile	7.24	53	37803	20.4448	ug/L 99
22) Methyl Tert Butyl Ether	7.30	73	380515	21.8063	ug/L 100
23) trans-1,2-Dichloroethene	7.52	96	165168	21.8998	ug/L 97
24) n-Hexane	7.62	57	253031	20.9836	ug/L 100
26) Vinyl Acetate	8.09	43	200570	17.9645	ug/L 98
27) 1,1-Dichloroethane	8.11	63	379187	22.2271	ug/L 100
29) 2-Butanone	8.63	43	32196	20.3319	ug/L 96
31) 2,2-Dichloropropane	8.86	77	338855	21.9755	ug/L 100
32) cis-1,2-Dichloroethene	8.91	96	172620	22.3447	ug/L 100
33) Chloroform	9.11	83	336582	22.4390	ug/L 100
34) Bromochloromethane	9.33	130	89690	22.3722	ug/L 97
37) 1,1,1-Trichloroethane	9.63	97	330077	23.3718	ug/L 99
38) Cyclohexane	9.67	56	319703	21.0453	ug/L 99
39) 1,1-Dichloropropene	9.81	75	249727	22.3955	ug/L 99
40) Carbon Tetrachloride	9.96	117	269130	21.1764	ug/L 98
43) 1,2-Dichloroethane	10.10	62	272093	21.6217	ug/L 99
44) Benzene	10.15	78	629641	21.6282	ug/L 99
45) Trichloroethene	10.87	130	166161	22.7339	ug/L 98
46) Methylcyclohexane	10.96	83	244418	22.0047	ug/L 99
47) 1,2-Dichloropropane	11.06	63	181817	22.3260	ug/L 99
49) Bromodichloromethane	11.34	83	241520	22.9572	ug/L 99
50) Dibromomethane	11.42	93	74881	22.6287	ug/L 98
51) 2-Chloroethyl Vinyl Ether	11.62	63	74816	20.0487	ug/L 98

(#)=qualifier out of range (m)=manual integration

11M45228.D 8260WT.M Thu Sep 06 14:42:54 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090607\11M45228.D

Vial: 4

Acq On : 6 Sep 2007 14:21

Operator: MES

Sample : WG249372-11 20ug/L ALT SOURCE

Inst : HPMS11

Misc : 1,1 STD21669

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 14:42:53 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	35645	20.1815	ug/L	98
53) cis-1,3-Dichloropropene	11.93	75	263417	22.4004	ug/L	100
54) Dimethyl Disulfide	12.18	79	138987	22.0678	ug/L	98
57) Toluene	12.34	91	671562	21.8075	ug/L	100
58) Ethyl Methacrylate	12.42	69	130296	21.5364	ug/L	97
59) trans-1,3-Dichloropropene	12.49	75	224816	21.0547	ug/L	99
60) 1,1,2-Trichloroethane	12.70	97	103729	21.2654	ug/L	98
61) 2-Hexanone	12.65	43	49983	19.7027	ug/L #	99
62) 1,3-Dichloropropane	12.99	76	195712	21.7315	ug/L	98
63) Tetrachloroethene	13.11	164	124873	20.7352	ug/L	99
64) Dibromochloromethane	13.35	129	137996	20.0979	ug/L	100
65) 1,2-Dibromoethane	13.59	107	97606	21.7104	ug/L	99
66) 1-Chlorohexane	13.68	91	225981	21.2307	ug/L	97
67) Chlorobenzene	14.06	112	440282	21.2495	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.08	131	157042	22.9929	ug/L	99
69) Ethylbenzene	14.08	106	241069	22.0988	ug/L	97
70) m-,p-Xylene	14.18	106	597426	43.2640	ug/L	98
71) o-Xylene	14.69	106	286263	21.6059	ug/L	98
72) Styrene	14.72	104	477047	22.2606	ug/L	99
73) Bromoform	15.18	173	66228	19.1870	ug/L	99
74) Isopropylbenzene	15.09	105	687638	20.2323	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	97386	21.6448	ug/L	97
78) 1,2,3-Trichloropropane	15.46	110	34647	19.6676	ug/L	96
79) trans-1,4-Dichloro-2-Butene	15.50	53	40267	18.2973	ug/L	99
80) n-Propylbenzene	15.56	91	921627	21.8366	ug/L	100
81) Bromobenzene	15.67	156	164210	22.6895	ug/L	93
82) 1,3,5-Trimethylbenzene	15.74	105	670771	22.2819	ug/L	99
83) 2-Chlorotoluene	15.81	91	587897	20.6640	ug/L	91
84) 4-Chlorotoluene	15.85	91	600795	21.8233	ug/L	90
85) a-Methylstyrene	16.10	118	341477	21.7238	ug/L	100
86) tert-Butylbenzene	16.16	134	118130	22.3329	ug/L	96
87) 1,2,4-Trimethylbenzene	16.21	105	711769	22.8199	ug/L	99
88) sec-Butylbenzene	16.42	105	750836	21.9363	ug/L	100
89) p-Isopropyltoluene	16.56	119	644464	21.5703	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	313438	20.6546	ug/L	99
91) 1,4-Dichlorobenzene	16.86	146	319441	21.2862	ug/L	98
92) n-Butylbenzene	17.05	91	609221	21.5640	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	279020	21.3671	ug/L	99
94) 1,2-Dibromo-3-Chloropropane	18.23	75	19937	20.9043	ug/L	95
95) 1,2,4-Trichlorobenzene	19.29	180	202821	20.3806	ug/L	100
96) Hexachlorobutadiene	19.44	225	76000	22.2030	ug/L	98
97) Naphthalene	19.64	128	346727	20.0875	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	163531	20.2378	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45228.D 8260WT.M Thu Sep 06 14:42:54 2007

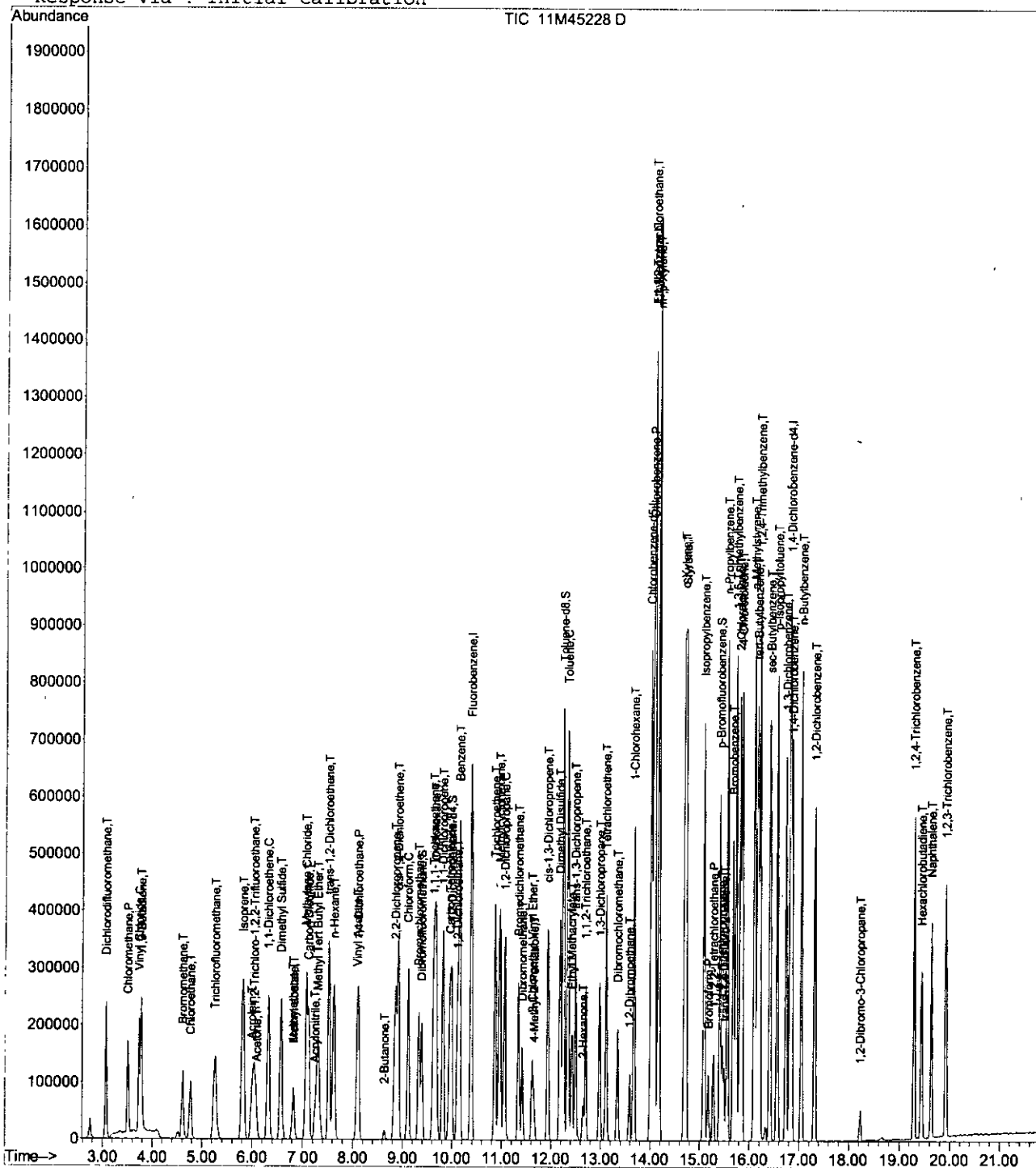
Page 2

Data File : C:\MSDchem\1\DATA\090607\11M45228.D
Acq On : 6 Sep 2007 14:21
Sample : WG249372-11 20ug/L ALT SOURCE
Misc : 1,1 STD21669
MS Integration Params: rteint.p
Quant Time: Sep 6 14:42 2007

Vial: 4
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration



11M45228.D 8260WT.M Thu Sep 06 14:42:55 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56008.D Vial: 2
 Acq On : 14 Aug 2007 11:42 Operator: MES
 Sample : WG247666-02 0.5ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 17:17:30 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:15:10 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	713344	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	590573	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	316200	50.00	ug/kg	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	0.00	111	0	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
42) 1,2-Dichloroethane-d4	0.00	65	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
56) Toluene-d8	0.00	98	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
77) p-Bromofluorobenzene	0.00	95	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
70) m-,p-Xylene	12.46	106	6218	0.8873	ug/kg	95

 (#) = qualifier out of range (m) = manual integration
 9M56008.D 826_SLST.M Wed Aug 15 16:21:54 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\081407\9M56008.D

Vial: 2

Acq On : 14 Aug 2007 11:42

Operator: MES

Sample : WG247666-02 0.5ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:17 2007

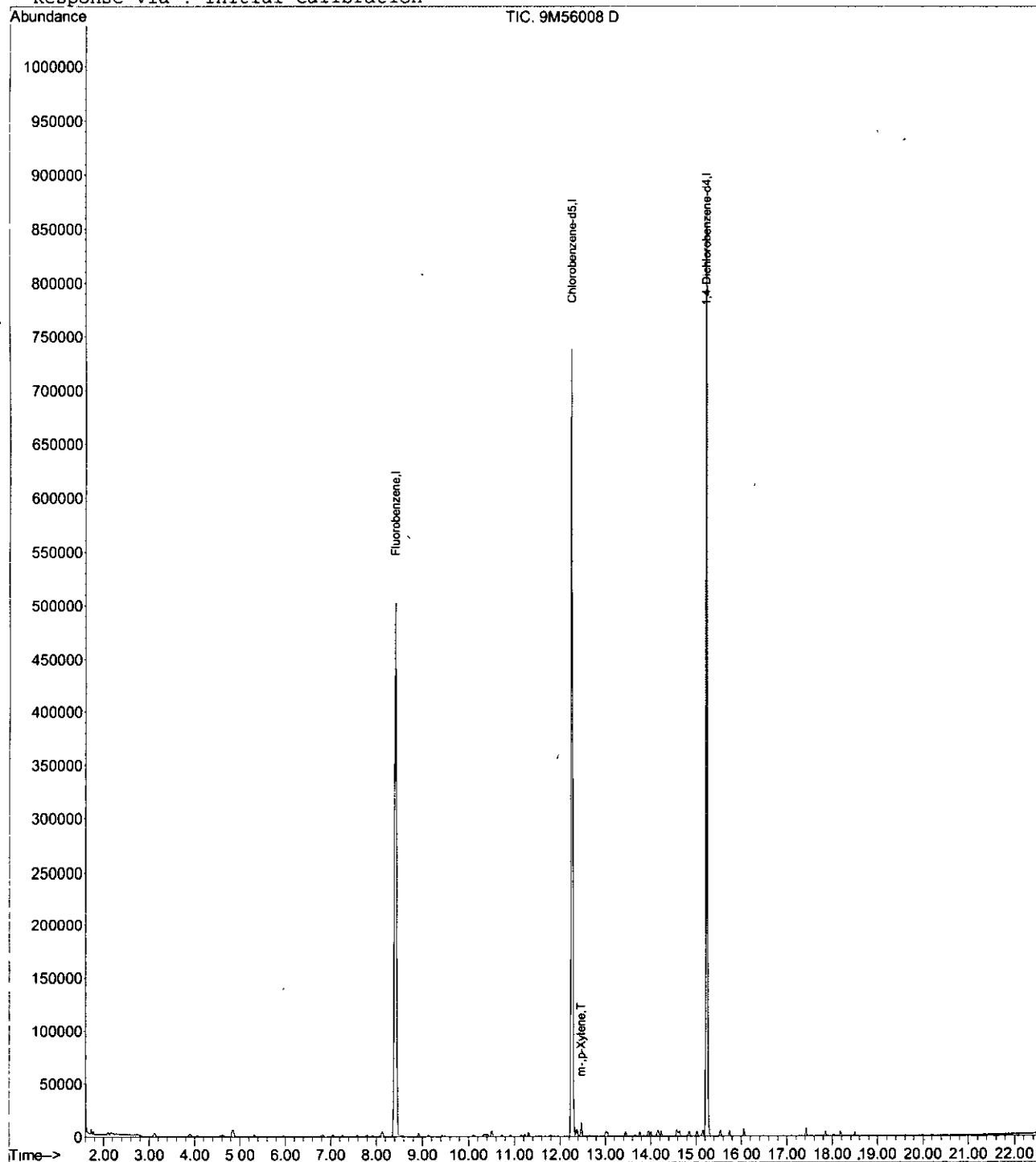
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration



9M56008.D 826_SLST.M

Wed Aug 15 16:21:55 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56009.D Vial: 3
 Acq On : 14 Aug 2007 12:13 Operator: MES
 Sample : WG247666-03 1 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 17:18:39 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:15:10 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	591168	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	487826	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	264665	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	0	0.0000	ug/kg	
Spiked Amount			Recovery	=	0.00%	
42) 1,2-Dichloroethane-d4	0.00	65	0d	0.0000	ug/kg	
Spiked Amount			Recovery	=	0.00%	
56) Toluene-d8	0.00	98	0d	0.0000	ug/kg	
Spiked Amount			Recovery	=	0.00%	
77) p-Bromofluorobenzene	0.00	95	0d	0.0000	ug/kg	
Spiked Amount			Recovery	=	0.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
20) Carbon Disulfide	4.81	76	10373	1.0523	ug/kg#	83
23) trans-1,2-Dichloroethene	5.32	96	3430	1.0280	ug/kg	95
27) 1,1-Dichloroethane	5.96	63	6371	1.0666	ug/kg#	67
32) cis-1,2-Dichloroethene	6.82	96	3356	0.9904	ug/kg	98
33) Chloroform	7.05	83	6347	1.0987	ug/kg	94
34) Bromochloromethane	7.26	128	1621	0.9790	ug/kg	93
37) 1,1,1-Trichloroethane	7.58	97	5315	0.9627	ug/kg	96
40) Carbon Tetrachloride	7.91	117	4530	0.9556	ug/kg#	87
43) 1,2-Dichloroethane	8.12	62	4936	1.1126	ug/kg#	82
44) Benzene	8.14	78	13062	1.0651	ug/kg	93
45) Trichloroethene	8.92	130	3902	1.0315	ug/kg	95
47) 1,2-Dichloropropane	9.14	63	2850	0.9854	ug/kg	100
48) Bromodichloromethane	9.43	83	3791	0.9886	ug/kg#	93
50) Dibromomethane	9.48	93	1675	0.9411	ug/kg	91
53) cis-1,3-Dichloropropene	10.10	75	3996	0.8925	ug/kg	88
57) Toluene	10.50	91	13636	1.0239	ug/kg	97
59) trans-1,3-Dichloropropene	10.71	75	3849	0.9087	ug/kg	94
60) 1,1,2-Trichloroethane	10.91	97	2192	0.8993	ug/kg	86
62) 1,3-Dichloropropane	11.21	76	4191	1.0111	ug/kg	93
63) Tetrachloroethene	11.31	164	3147	1.0802	ug/kg	96
64) Dibromochloromethane	11.54	129	2425	0.8100	ug/kg	94
65) 1,2-Dibromoethane	11.79	107	2319	0.9298	ug/kg	96
66) 1-Chlorohexane	11.99	91	3880	0.9042	ug/kg	100
67) Chlorobenzene	12.31	112	10158	1.0825	ug/kg	98
68) 1,1,1,2-Tetrachloroethane	12.35	131	2794	0.8856	ug/kg	85
69) Ethylbenzene	12.37	106	4720	0.9817	ug/kg	89
70) m-,p-Xylene	12.47	106	11873	2.0512	ug/kg	93
71) o-Xylene	13.00	106	4955	0.9229	ug/kg	89
72) Styrene	13.04	104	7337	0.8570	ug/kg	97
74) Isopropylbenzene	13.44	105	13376	0.9502	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	2518	0.9666	ug/kg	90
80) n-Propylbenzene	13.94	91	16572	0.9541	ug/kg	98
81) Bromobenzene	14.00	156	3805	0.9984	ug/kg	85
82) 1,3,5-Trimethylbenzene	14.14	105	10426	0.8874	ug/kg	97
83) 2-Chlorotoluene	14.17	91	12331	1.0318	ug/kg	98
84) 4-Chlorotoluene	14.22	91	11512	1.0669	ug/kg	98
86) tert-Butylbenzene	14.58	134	2538	0.9392	ug/kg	89
87) 1,2,4-Trimethylbenzene	14.63	105	12330	0.9910	ug/kg	89
88) sec-Butylbenzene	14.85	105	14658	0.9292	ug/kg	98
89) p-Isopropyltoluene	15.02	119	12441	0.9084	ug/kg	98

(#) = qualifier out of range (m) = manual integration
 9M56009.D 826_SLST.M Wed Aug 15 16:21:56 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56009.D Vial: 3
Acq On : 14 Aug 2007 12:13 Operator: MES
Sample : WG247666-03 1 ug/Kg SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:18:39 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:15:10 2007
Response via : Initial Calibration
DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90) 1,3-Dichlorobenzene	15.14	146	8149	1.1047	ug/kg	92
91) 1,4-Dichlorobenzene	15.27	146	9124	1.1918	ug/kg	89
92) n-Butylbenzene	15.53	91	11932	0.9767	ug/kg	93
93) 1,2-Dichlorobenzene	15.74	146	7214	1.0706	ug/kg	94
95) 1,2,4-Trichlorobenzene	17.84	180	4772	1.0617	ug/kg	91
96) Hexachlorobutadiene	18.03	225	2524	1.0744	ug/kg#	85
97) Naphthalene	18.17	128	10011	1.0064	ug/kg	91
98) 1,2,3-Trichlorobenzene	18.49	180	4289	1.0361	ug/kg	91

(#) = qualifier out of range (m) = manual integration
9M56009.D 826_SLST.M Wed Aug 15 16:21:56 2007

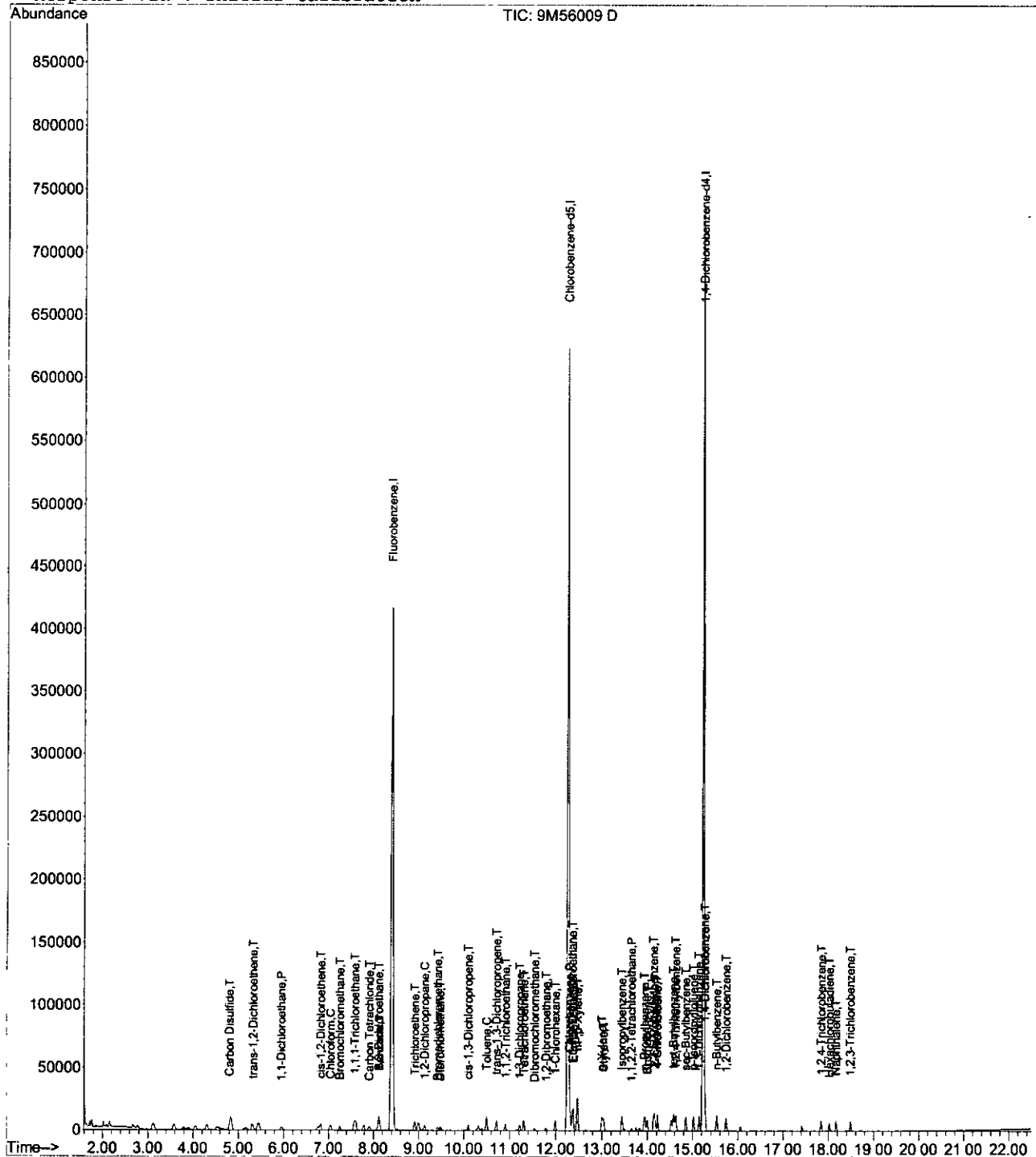
Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56009.D
Acq On : 14 Aug 2007 12:13
Sample : WG247666-03 1 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:20 2007 Qua

Vial: 3
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration



9M56009.D 826_SLST.M Wed Aug 15 16:22:01 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:22:50 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:21:42 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	618183	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	505040	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	273268	50.00	ug/kg	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.34	111	6409	1.8852	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	3.78%	
42) 1,2-Dichloroethane-d4	7.99	65	7876	2.1319	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	4.26%	
56) Toluene-d8	10.41	98	21142	1.8346	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	3.66%	
77) p-Bromofluorobenzene	13.75	95	9081	2.0455	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	4.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.77	85	8120	1.9471	ug/kg	93
3) Chloromethane	2.03	50	7223	2.0463	ug/kg	93
4) Vinyl Chloride	2.15	62	5534	2.1833	ug/kg	99
6) Bromomethane	2.68	94	4289	2.3241	ug/kg	82
7) Chloroethane	2.79	64	3688	1.8091	ug/kg	80
8) Trichlorofluoromethane	3.14	101	12243	1.9069	ug/kg	97
9) Diethyl ether	3.58	59	10886	4.5803	ug/kg	98
10) Isoprene	3.58	67	7578	1.6329	ug/kg	97
12) 1,1,2-Trichloro-1,2,2-Trif	3.80	101	5759	1.7109	ug/kg	97
14) 1,1-Dichloroethene	4.07	96	5138m	1.6812	ug/kg	
16) Dimethyl Sulfide	4.32	62	6866	1.8056	ug/kg	98
17) Iodomethane	4.53	142	7612	1.7283	ug/kg	100
19) Methylene Chloride	4.85	84	9783	1.9923	ug/kg	97
20) Carbon Disulfide	4.82	76	18405	1.7856	ug/kg	95
22) Methyl Tert Butyl Ether	5.15	73	16418	1.9302	ug/kg#	61
23) trans-1,2-Dichloroethene	5.31	96	6441	1.8461	ug/kg	100
24) n-Hexane	5.44	57	13558	2.2364	ug/kg	91
25) Diisopropyl ether	5.85	45	46188m	4.4615	ug/kg	
26) Vinyl Acetate	6.00	43	12468	1.8557	ug/kg#	80
27) 1,1-Dichloroethane	5.95	63	11640	1.8636	ug/kg#	91
28) Ethyl-Tert-Butyl ether	6.46	59	43335	4.5870	ug/kg#	85
30) Propionitrile	6.68	54	1247	3.5305	ug/kg#	57
31) 2,2-Dichloropropane	6.77	77	9379	1.7655	ug/kg	82
32) cis-1,2-Dichloroethene	6.82	96	6567	1.8533	ug/kg	99
33) Chloroform	7.04	83	11688	1.9349	ug/kg	100
34) Bromochloromethane	7.25	128	3225	1.8625	ug/kg	98
35) Tetrahydrofuran	7.38	42	4267	5.1189	ug/kg#	78
37) 1,1,1-Trichloroethane	7.58	97	10793	1.8695	ug/kg#	70
38) Cyclohexane	7.61	56	12051	1.8250	ug/kg	95
39) 1,1-Dichloropropene	7.79	75	8229	1.7786	ug/kg	95
40) Carbon Tetrachloride	7.91	117	8109	1.6358	ug/kg	98
41) Tert-Amyl-Methyl ether	7.98	73	33865	4.4971	ug/kg	94
43) 1,2-Dichloroethane	8.11	62	9031	1.9467	ug/kg#	93
44) Benzene	8.12	78	24454	1.9068	ug/kg	93
45) Trichloroethene	8.91	130	7125	1.8013	ug/kg	98
46) Methylcyclohexane	9.00	83	10094	1.7130	ug/kg#	85
47) 1,2-Dichloropropane	9.14	63	5496	1.8172	ug/kg	95
48) Bromodichloromethane	9.43	83	7107	1.7724	ug/kg#	96
50) Dibromomethane	9.48	93	3677	1.9757	ug/kg	88
53) cis-1,3-Dichloropropene	10.10	75	8421	1.7986	ug/kg	89

(#) = qualifier out of range (m) = manual integration

9M56010.D 826_SLST.M Wed Aug 15 16:22:09 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:22:50 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:21:42 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
57) Toluene	10.50	91	25218	1.8291	ug/kg	99
58) Ethyl Methacrylate	10.70	69	5091	1.5548	ug/kg#	78
59) trans-1,3-Dichloropropene	10.71	75	7618	1.7373	ug/kg	90
60) 1,1,2-Trichloroethane	10.90	97	5063	2.0064	ug/kg	99
62) 1,3-Dichloropropane	11.22	76	8589	2.0015	ug/kg	100
63) Tetrachloroethene	11.30	164	5504	1.8249	ug/kg	98
64) Dibromochloromethane	11.54	129	5462	1.7623	ug/kg	98
65) 1,2-Dibromoethane	11.78	107	4674	1.8103	ug/kg	94
66) 1-Chlorohexane	11.99	91	6950	1.5644	ug/kg	95
67) Chlorobenzene	12.31	112	19220	1.9784	ug/kg	98
68) 1,1,1,2-Tetrachloroethane	12.36	131	5808	1.7781	ug/kg	97
69) Ethylbenzene	12.36	106	8964	1.8008	ug/kg	91
70) m-,p-Xylene	12.47	106	21822	3.6415	ug/kg	94
71) o-Xylene	13.00	106	9265	1.6669	ug/kg	83
72) Styrene	13.04	104	14376	1.6220	ug/kg	94
74) Isopropylbenzene	13.44	105	24531	1.6832	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	4949	1.8400	ug/kg	97
78) 1,2,3-Trichloropropane	13.83	110	1874	1.8598	ug/kg#	82
80) n-Propylbenzene	13.94	91	30705	1.7121	ug/kg	98
81) Bromobenzene	14.00	156	7590	1.9289	ug/kg	93
82) 1,3,5-Trimethylbenzene	14.14	105	20398	1.6815	ug/kg	98
83) 2-Chlorotoluene	14.17	91	22831	1.8503	ug/kg	98
84) 4-Chlorotoluene	14.22	91	20684	1.8565	ug/kg	99
86) tert-Butylbenzene	14.58	134	4627	1.6584	ug/kg	77
87) 1,2,4-Trimethylbenzene	14.64	105	23158	1.8027	ug/kg	87
88) sec-Butylbenzene	14.85	105	28180	1.7301	ug/kg	99
89) p-Isopropyltoluene	15.02	119	23716	1.6771	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	13881	1.8225	ug/kg	98
91) 1,4-Dichlorobenzene	15.27	146	15805	1.9994	ug/kg	96
92) n-Butylbenzene	15.53	91	21185	1.6796	ug/kg	97
93) 1,2-Dichlorobenzene	15.74	146	13493	1.9394	ug/kg	98
95) 1,2,4-Trichlorobenzene	17.84	180	8488	1.8290	ug/kg	98
96) Hexachlorobutadiene	18.03	225	4299	1.7723	ug/kg	91
97) Naphthalene	18.17	128	17728	1.7261	ug/kg	96
98) 1,2,3-Trichlorobenzene	18.49	180	7797	1.8242	ug/kg	94

(#) = qualifier out of range (m) = manual integration

9M56010.D 826_SLST.M Wed Aug 15 16:22:10 2007

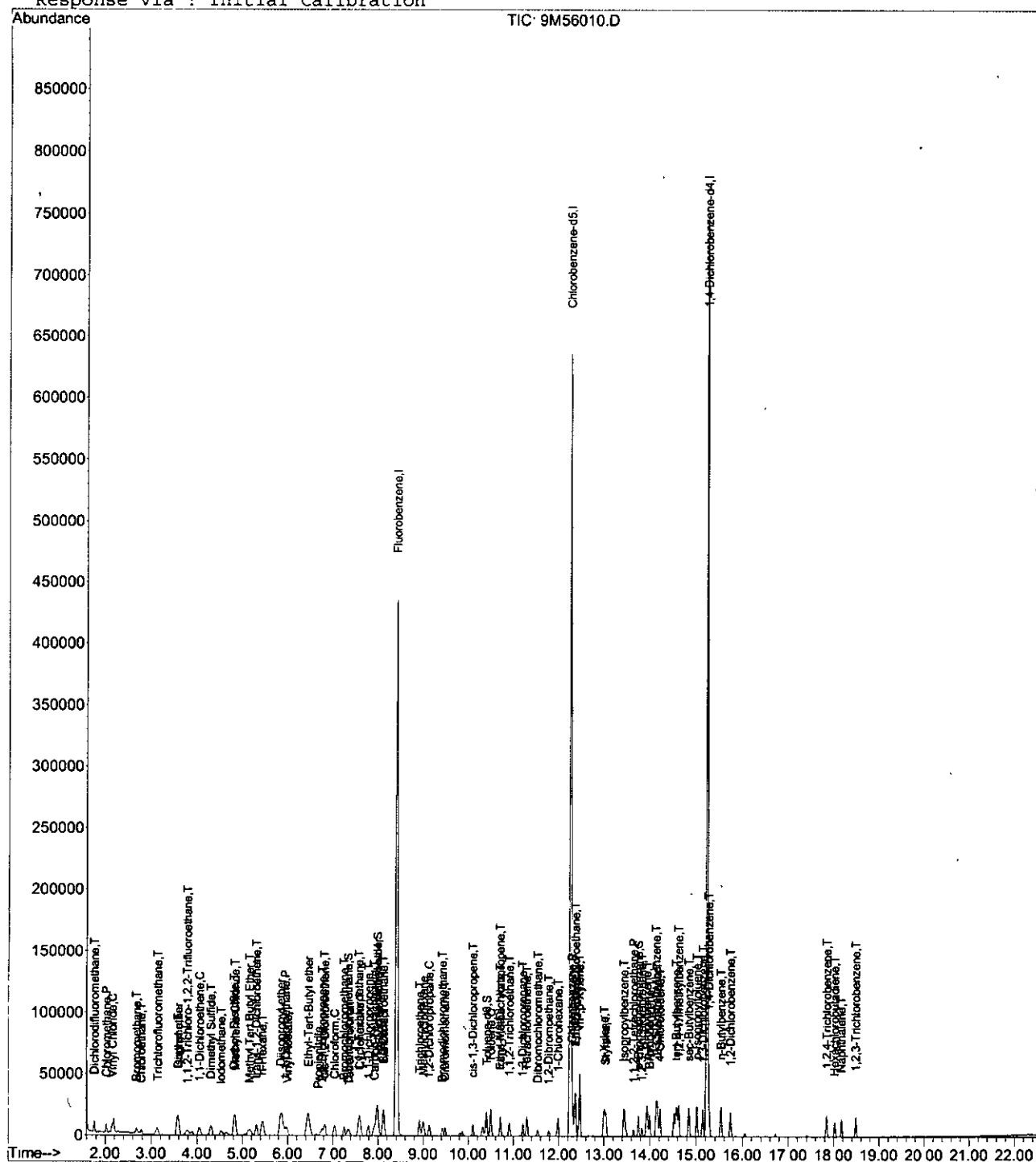
Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9MS6010.D
Acq On : 14 Aug 2007 12:49
Sample : WG247666-04 2 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:24 2007 Qua

Vial: 4
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration

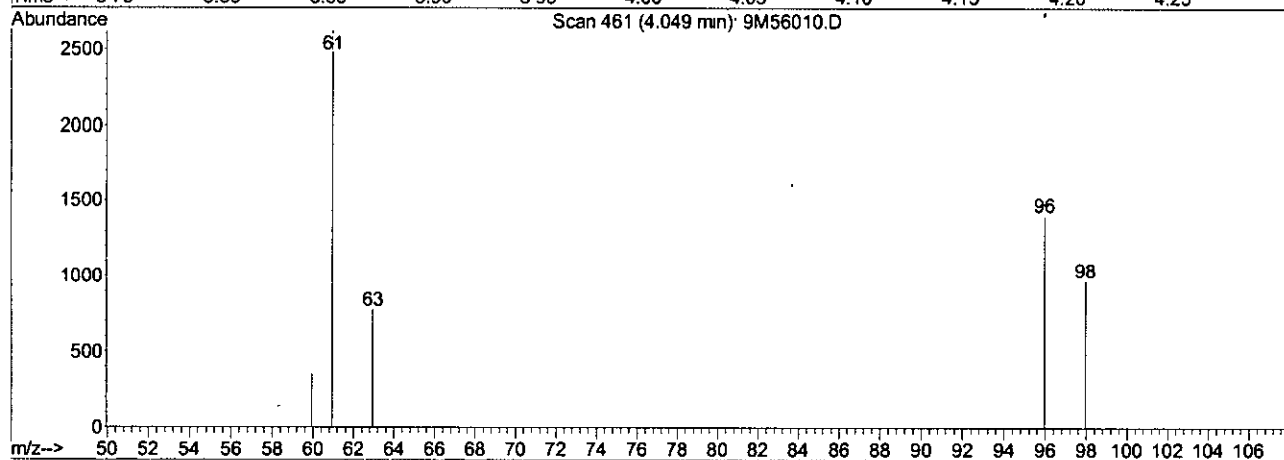
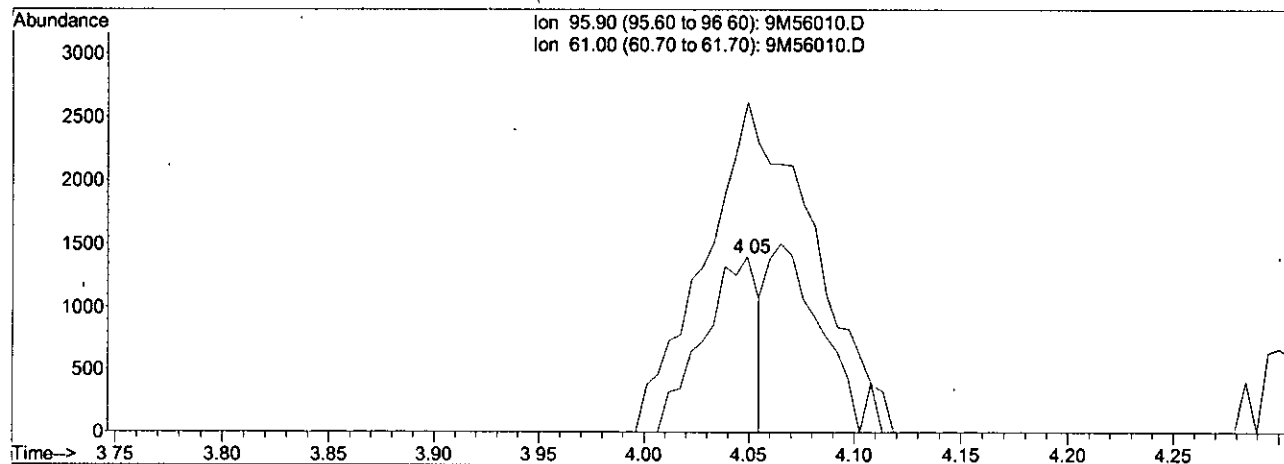


9M56010.D 826 SLST.M Wed Aug 15 16:22:18 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D Vial: 4
Acq On : 14 Aug 2007 12:49 Operator: MES
Sample : WG247666-04 2 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 13:11 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:47:02 2007
Response via : Single Level Calibration



TIC: 9M56010.D

(14) 1,1-Dichloroethene (C)

4.05min 0.78ug/kg

response 2544

Ion	Exp%	Act%
95.90	100	100
61.00	166.50	368 79#
0.00	0.00	0.00
0.00	0.00	0.00

9M56010.D 826_SLST.M

Tue Aug 14 14:48:30 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/L SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:48 2007

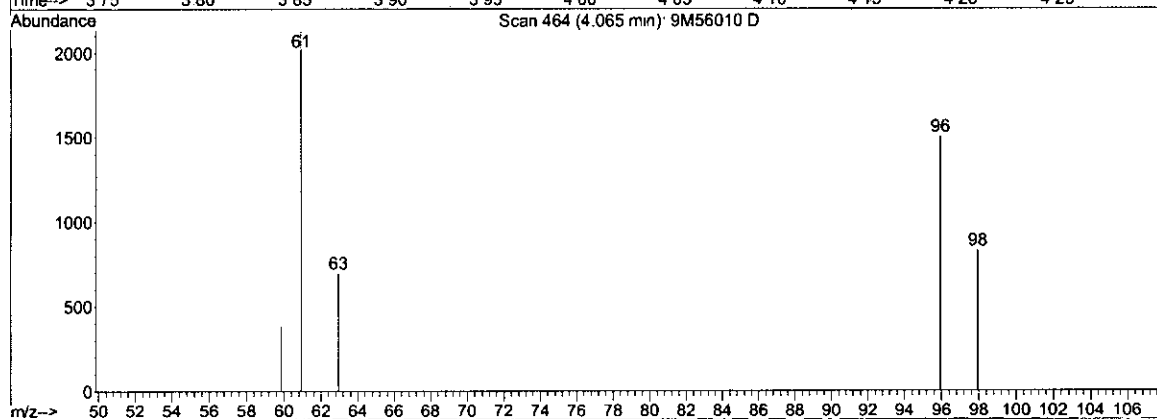
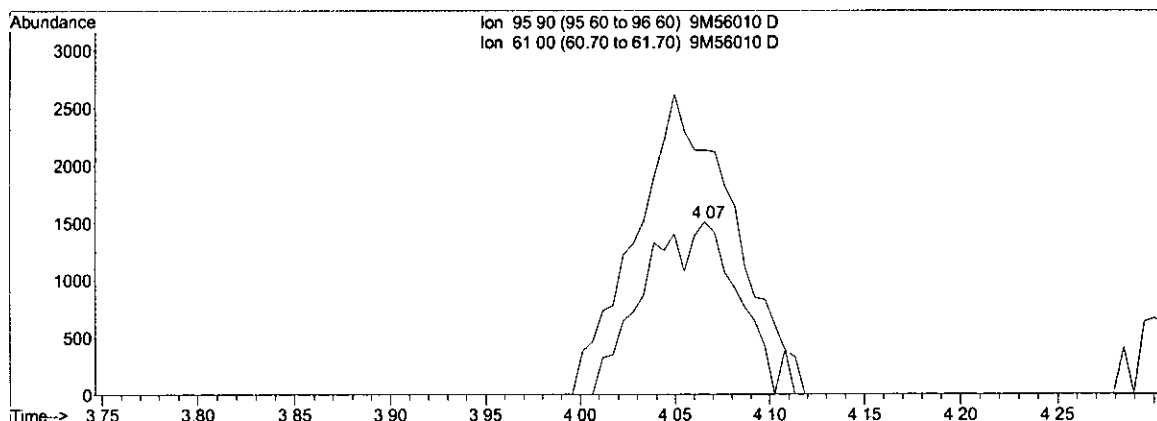
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 14:47:02 2007

Response via : Single Level Calibration



TIC 9M56010.D

(14) 1,1-Dichloroethene (C)

4.07min 1.57ug/kg m

response 5138

Ion	Exp%	Act%
95 90	100	100
61 00	166.50	182.60
0 00	0.00	0.00
0.00	0.00	0.00

9M56010.D 826_SLST.M

Tue Aug 14 14:48:37 2007

Approved: August 15, 2007

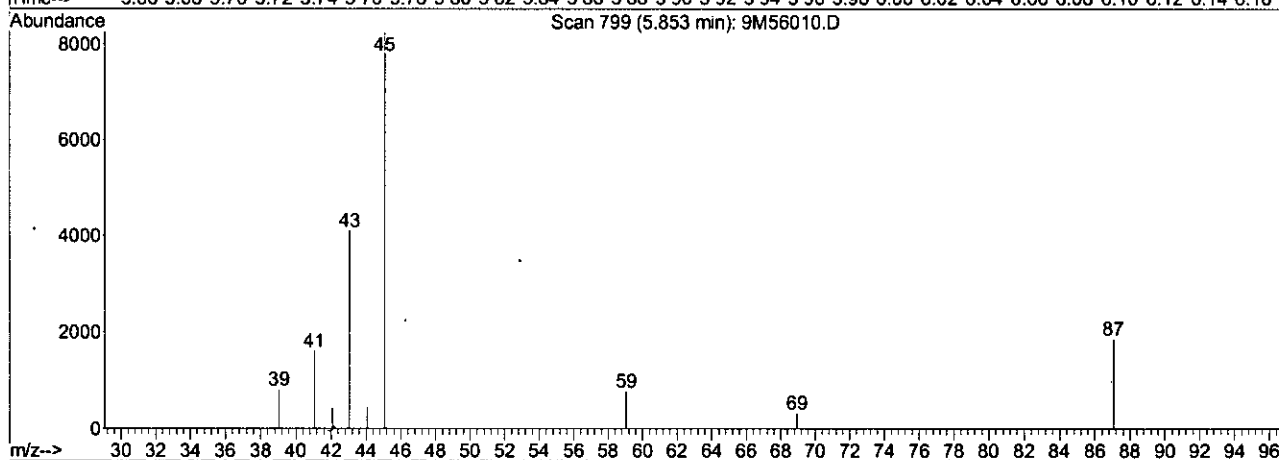
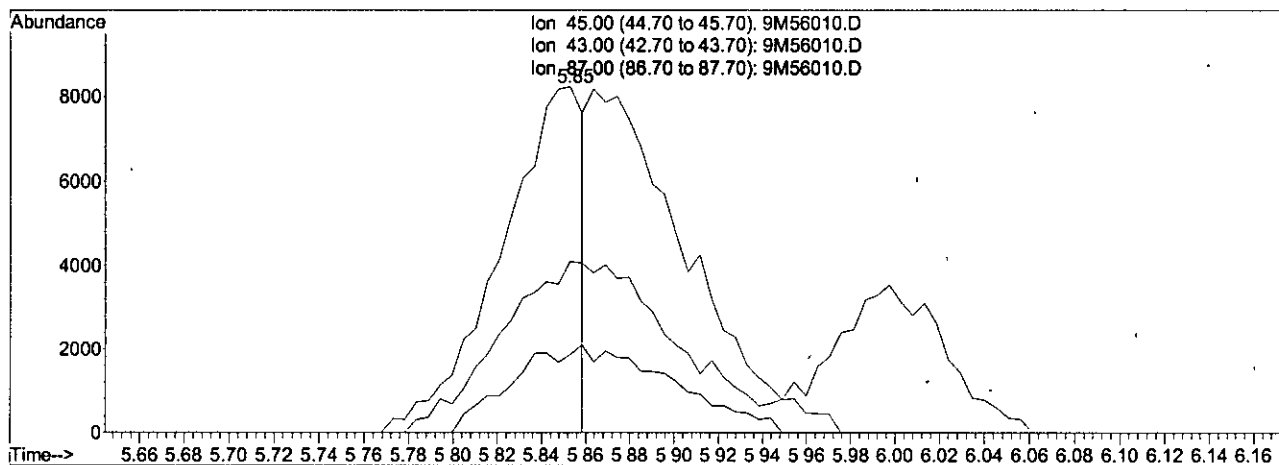
Supervisor: August 15, 2007

Reason #2 Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak

*myung S. Lee**Re. C. Lee*

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D Vial: 4
Acq On : 14 Aug 2007 12:49 Operator: MES
Sample : WG247666-04 2 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:48 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:47:02 2007
Response via : Single Level Calibration



TIC: 9M56010.D

(25) Diisopropyl ether

5.85min 1.92ug/kg

response 21291

Ion	Exp%	Act%
45.00	100	100
43.00	43.60	102.68#
87.00	23.20	16.39
0.00	0.00	0.00

9M56010.D 826_SLST.M

Tue Aug 14 14:49:02 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/L SOIL STD 8260.

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:49 2007

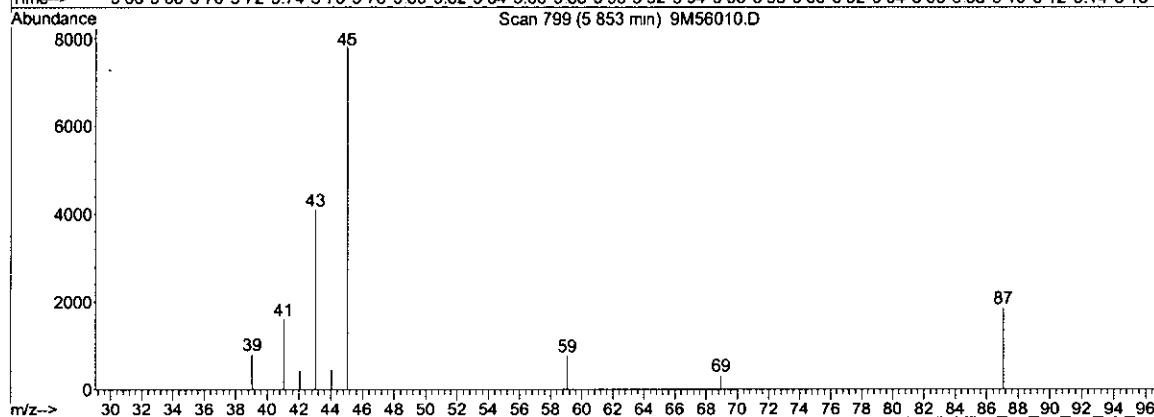
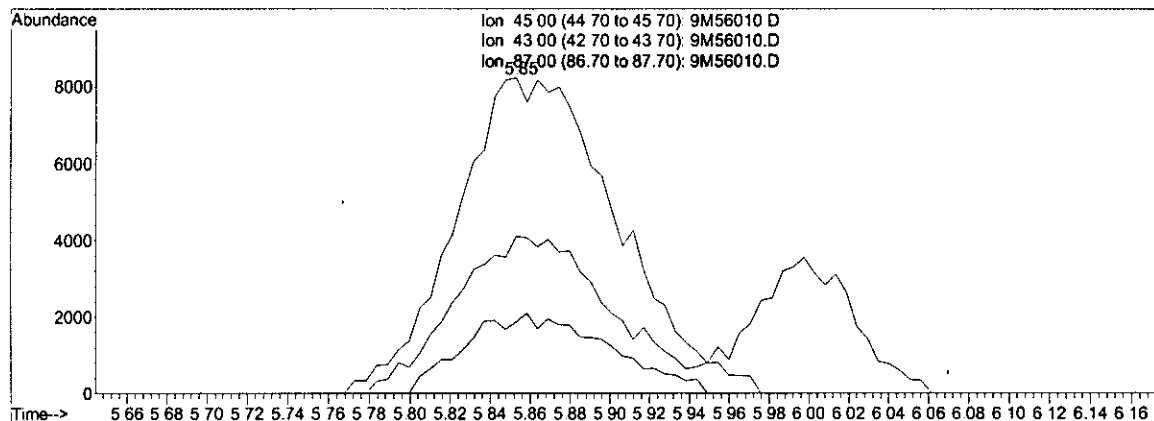
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 14:47:02 2007

Response via : Single Level Calibration



TIC 9M56010.D

(25) Diisopropyl ether

5.85min 4.17ug/kg m

response 46188

Ion	Exp%	Act%
45.00	100	100
43.00	43.60	47.33
87.00	23.20	7.55#
0.00	0.00	0.00

9M56010.D 826_SLST.M

Tue Aug 14 14:49:10 2007

Approved: August 15, 2007

Supervisor: August 15, 2007

Reason #2 Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak

*myy guing**na. C. T.*

Data File : C:\MSDCHEM\1\DATA\081407\9M56011.D Vial: 5
 Acq On : 14 Aug 2007 13:19 Operator: MES
 Sample : WG247666-05 5 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 17:25:59 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:25:57 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	632630	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.25	117	522190	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	283295	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.33	111	17538	5.0411	ug/kg	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
42) 1,2-Dichloroethane-d4	7.99	65	20845	5.5134	ug/kg	0.00
Spiked Amount	50.000		Recovery	=	11.02%	
56) Toluene-d8	10.40	98	58476	4.9077	ug/kg	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
77) p-Bromofluorobenzene	13.75	95	23494	5.1048	ug/kg	0.00
Spiked Amount	50.000		Recovery	=	10.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	21756	5.0978	ug/kg	98
3) Chloromethane	2.02	50	18421	5.0996	ug/kg	99
4) Vinyl Chloride	2.15	62	13539	5.2194	ug/kg	98
5) 1,3-Butadiene	2.18	54	12606	5.6297	ug/kg	95
6) Bromomethane	2.68	94	9732	5.1531	ug/kg	96
7) Chloroethane	2.79	64	10013	4.7996	ug/kg	99
8) Trichlorofluoromethane	3.12	101	32486	4.9443	ug/kg	98
9) Diethyl ether	3.58	59	50516	20.7692	ug/kg	98
10) Isoprene	3.59	67	23688	4.9876	ug/kg	100
11) Acrolein	3.76	56	2402	9.3338	ug/kg	87
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	16890	4.9032	ug/kg	97
13) Acetone	3.89	43	9707	5.9941	ug/kg	94
14) 1,1-Dichloroethene	4.06	96	14875	4.7561	ug/kg	93
15) Tert-Butyl Alcohol	4.27	59	14127	43.0865	ug/kg#	80
16) Dimethyl Sulfide	4.31	62	19317	4.9639	ug/kg	96
17) Iodomethane	4.53	142	22166	4.9178	ug/kg	98
18) Methyl acetate	4.66	43	12258	5.2262	ug/kg	92
19) Methylene Chloride	4.85	84	19874	4.8360	ug/kg	98
20) Carbon Disulfide	4.81	76	53202	5.0436	ug/kg	99
21) Acrylonitrile	5.04	53	5224	4.8422	ug/kg	94
22) Methyl Tert Butyl Ether	5.15	73	45299	5.2039	ug/kg	87
23) trans-1,2-Dichloroethene	5.31	96	17259	4.8337	ug/kg	95
24) n-Hexane	5.45	57	31882	5.1389	ug/kg	96
25) Diisopropyl ether	5.85	45	217146	20.4959	ug/kg	98
26) Vinyl Acetate	5.99	43	33411	4.8593	ug/kg#	84
27) 1,1-Dichloroethane	5.96	63	32792	5.1302	ug/kg	97
28) Ethyl-Tert-Butyl ether	6.44	59	195430	20.2140	ug/kg	100
29) 2-Butanone	6.62	43	8046	5.4758	ug/kg	87
30) Propionitrile	6.68	54	7754	21.4518	ug/kg#	85
31) 2,2-Dichloropropane	6.76	77	26822	4.9336	ug/kg#	71
32) cis-1,2-Dichloroethene	6.83	96	17946	4.9490	ug/kg	95
33) Chloroform	7.05	83	30945	5.0059	ug/kg	99
34) Bromochloromethane	7.25	128	9228	5.2077	ug/kg	97
35) Tetrahydrofuran	7.36	42	18487	21.6716	ug/kg	97
37) 1,1,1-Trichloroethane	7.58	97	29429	4.9811	ug/kg	99
38) Cyclohexane	7.61	56	34440	5.0965	ug/kg	99
39) 1,1-Dichloropropene	7.79	75	23196	4.8989	ug/kg	92
40) Carbon Tetrachloride	7.92	117	23649	4.6615	ug/kg	100
41) Tert-Amyl-Methyl ether	7.97	73	156250	20.2755	ug/kg	96
43) 1,2-Dichloroethane	8.11	62	24924	5.2498	ug/kg	98

(#) = qualifier out of range (m) = manual integration
 9M56011.D 826_SLST.M Wed Aug 15 16:22:27 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56011.D

Vial: 5

Acq On : 14 Aug 2007 13:19

Operator: MES

Sample : WG247666-05 5 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:25:59 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826_SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	65434	4.9857	ug/kg	100
45) Trichloroethene	8.91	130	19827	4.8979	ug/kg	99
46) Methylcyclohexane	9.00	83	29406	4.8764	ug/kg	97
47) 1,2-Dichloropropane	9.13	63	15882	5.1315	ug/kg	96
48) Bromodichloromethane	9.42	83	20052	4.8866	ug/kg	97
50) Dibromomethane	9.48	93	10132	5.3198	ug/kg	98
51) 2-Chloroethyl Vinyl Ether	9.81	63	5050	4.1784	ug/kg	92
52) 4-Methyl-2-Pentanone	9.86	58	5269	4.8315	ug/kg	95
53) cis-1,3-Dichloropropene	10.10	75	23535	4.9120	ug/kg	100
54) Dimethyl Disulfide	10.32	79	7871	4.9192	ug/kg	97
57) Toluene	10.50	91	71672	5.0278	ug/kg	96
58) Ethyl Methacrylate	10.71	69	16009	4.7287	ug/kg	96
59) trans-1,3-Dichloropropene	10.71	75	22626	4.9904	ug/kg	97
60) 1,1,2-Trichloroethane	10.91	97	13767	5.2764	ug/kg	99
61) 2-Hexanone	10.93	43	10139	4.9037	ug/kg	93
62) 1,3-Dichloropropane	11.21	76	23008	5.1854	ug/kg	96
63) Tetrachloroethene	11.30	164	15523	4.9777	ug/kg	100
64) Dibromochloromethane	11.54	129	15353	4.7910	ug/kg	98
65) 1,2-Dibromoethane	11.79	107	14056	5.2651	ug/kg	98
66) 1-Chlorohexane	11.99	91	22714	4.9449	ug/kg	96
67) Chlorobenzene	12.31	112	50583	5.0358	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	16944	5.0170	ug/kg	99
69) Ethylbenzene	12.36	106	24930	4.8438	ug/kg	94
70) m-,p-Xylene	12.46	106	62268	10.0497	ug/kg	96
71) o-Xylene	13.00	106	28187	4.9046	ug/kg	96
72) Styrene	13.04	104	44443	4.8495	ug/kg	97
73) Bromoform	13.46	173	8692	4.5934	ug/kg	98
74) Isopropylbenzene	13.44	105	74844	4.9668	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	14825	5.3168	ug/kg	98
78) 1,2,3-Trichloropropane	13.83	110	5687	5.4443	ug/kg	98
79) trans-1,4-Dichloro-2-Butene	13.91	53	5703	4.7592	ug/kg	89
80) n-Propylbenzene	13.94	91	91926	4.9444	ug/kg	99
81) Bromobenzene	14.00	156	20918	5.1279	ug/kg	96
82) 1,3,5-Trimethylbenzene	14.14	105	62292	4.9532	ug/kg	98
83) 2-Chlorotoluene	14.17	91	66256	5.1794	ug/kg	96
84) 4-Chlorotoluene	14.22	91	57308	4.9617	ug/kg	97
85) a-Methylstyrene	14.53	118	31862	4.2254	ug/kg	95
86) tert-Butylbenzene	14.58	134	14302	4.9445	ug/kg	93
87) 1,2,4-Trimethylbenzene	14.63	105	67552	5.0724	ug/kg	89
88) sec-Butylbenzene	14.84	105	84274	4.9910	ug/kg	99
89) p-Isopropyltoluene	15.02	119	72596	4.9520	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	40247	5.0972	ug/kg	98
91) 1,4-Dichlorobenzene	15.28	146	41186	5.0258	ug/kg	87
92) n-Butylbenzene	15.53	91	64472	4.9305	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	36681	5.0858	ug/kg	99
94) 1,2-Dibromo-3-Chloropropan	16.72	157	2946	4.4326	ug/kg	95
95) 1,2,4-Trichlorobenzene	17.84	180	23749	4.9363	ug/kg	99
96) Hexachlorobutadiene	18.02	225	12942	5.1466	ug/kg	97
97) Naphthalene	18.17	128	53199	4.9965	ug/kg	98
98) 1,2,3-Trichlorobenzene	18.49	180	22891	5.1660	ug/kg	98

(#) = qualifier out of range (m) = manual integration

9M56011.D 826_SLST.M Wed Aug 15 16:22:30 2007

Page 2

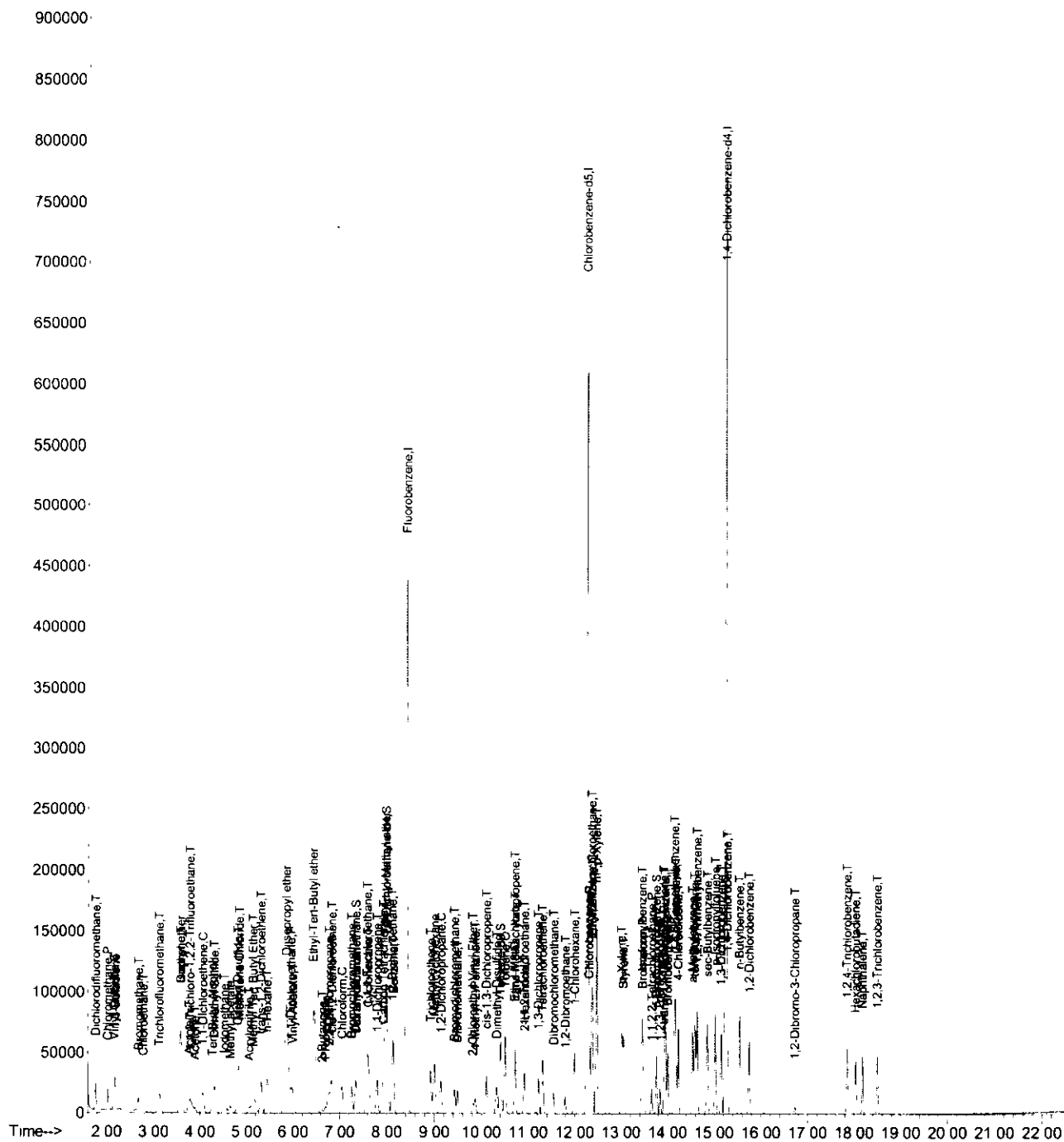
Vial: 5
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration

Abundance

TIC: 9M56011.D



9M56011.D 826_SLST.M Wed Aug 15 16:22:38 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D Vial: 6
 Acq On : 14 Aug 2007 13:51 Operator: MES
 Sample : WG247666-06 10 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 14:13:32 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 12:07:09 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	646514	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	531334	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	291289	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.33	111	35060	10.0858	ug/kg	0.00
Spiked Amount			Recovery	=	20.18%	
42) 1,2-Dichloroethane-d4	7.99	65	38457	10.6078	ug/kg	0.00
Spiked Amount			Recovery	=	21.22%	
56) Toluene-d8	10.40	98	119652	9.9151	ug/kg	0.00
Spiked Amount			Recovery	=	19.84%	
77) p-Bromofluorobenzene	13.76	95	46710	9.9763	ug/kg	0.00
Spiked Amount			Recovery	=	19.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	44501	12.6967	ug/kg	99
3) Chloromethane	2.02	50	36719	14.3590	ug/kg	98
4) Vinyl Chloride	2.15	62	25395	15.8625	ug/kg	99
5) 1,3-Butadiene	2.18	54	17482	16.1377	ug/kg	96
6) Bromomethane	2.68	94	19522	13.0339	ug/kg	96
7) Chloroethane	2.79	64	21370	11.1221	ug/kg	100
8) Trichlorofluoromethane	3.12	101	67683	10.9690	ug/kg	98
9) Diethyl ether	3.57	59	134507	48.2702	ug/kg	97
10) Isoprene	3.58	67	47727	9.1412	ug/kg	97
11) Acrolein	3.75	56	5367	26.4277	ug/kg	100
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	35621	10.4055	ug/kg	99
13) Acetone	3.88	43	14059	10.6747	ug/kg	88
14) 1,1-Dichloroethene	4.05	96	31107	9.0700	ug/kg	93
15) Tert-Butyl Alcohol	4.26	59	34540m	73.8883	ug/kg	
16) Dimethyl Sulfide	4.31	62	39469	8.8766	ug/kg	95
17) Iodomethane	4.53	142	45188	14.2704	ug/kg	91
18) Methyl acetate	4.65	43	24703	6.8417	ug/kg#	75
19) Methylene Chloride	4.84	84	39027	11.2538	ug/kg	97
20) Carbon Disulfide	4.81	76	102702	9.1449	ug/kg	100
21) Acrylonitrile	5.06	53	10815	7.8728	ug/kg	95
22) Methyl Tert Butyl Ether	5.15	73	87750	9.6004	ug/kg	94
23) trans-1,2-Dichloroethene	5.31	96	35075	9.3385	ug/kg	94
24) n-Hexane	5.45	57	56608	8.8304	ug/kg	100
25) Diisopropyl ether	5.85	45	591413	51.0719	ug/kg	97
26) Vinyl Acetate	6.00	43	74080	16.4914	ug/kg	97
27) 1,1-Dichloroethane	5.96	63	64311	9.6866	ug/kg	100
28) Ethyl-Tert-Butyl ether	6.44	59	533003	49.3337	ug/kg	99
29) 2-Butanone	6.61	43	16062	8.7055	ug/kg	94
30) Propionitrile	6.69	54	20087	40.9634	ug/kg	96
31) 2,2-Dichloropropane	6.77	77	54260	9.5958	ug/kg	97
32) cis-1,2-Dichloroethene	6.82	96	35963	9.3840	ug/kg	96
33) Chloroform	7.05	83	62326	10.7004	ug/kg	100
34) Bromochloromethane	7.25	128	17938	9.8864	ug/kg	98
35) Tetrahydrofuran	7.34	42	46884	41.7320	ug/kg	99
37) 1,1,1-Trichloroethane	7.58	97	59656	10.5062	ug/kg	99
38) Cyclohexane	7.60	56	65813	9.0779	ug/kg	97
39) 1,1-Dichloropropene	7.79	75	47219	9.5154	ug/kg	97
40) Carbon Tetrachloride	7.91	117	49487	10.0505	ug/kg	99
41) Tert-Amyl-Methyl ether	7.97	73	424462	49.8985	ug/kg	96
43) 1,2-Dichloroethane	8.12	62	49332	10.9709	ug/kg	95

(#) = qualifier out of range (m) = manual integration
 9M56012.D 826_SLST.M Wed Aug 15 16:22:46 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D

Vial: 6

Acq On : 14 Aug 2007 13:51

Operator: MES

Sample : WG247666-06 10 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:13:32 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 12:07:09 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	132547	9.5870	ug/kg	99
45) Trichloroethene	8.92	130	39948	9.8245	ug/kg	98
46) Methylcyclohexane	9.00	83	58660	9.2097	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	30747	8.6788	ug/kg	87
48) Bromodichloromethane	9.42	83	41393	10.1261	ug/kg	100
49) 1,4-Dioxane	9.49	88	1819m	53.4754	ug/kg	
50) Dibromomethane	9.49	93	19953	10.2045	ug/kg	98
51) 2-Chloroethyl Vinyl Ether	9.81	63	10821	6.5408	ug/kg	93
52) 4-Methyl-2-Pentanone	9.86	58	10844	7.8367	ug/kg	97
53) cis-1,3-Dichloropropene	10.10	75	48434	8.9409	ug/kg	97
54) Dimethyl Disulfide	10.31	79	19153	6.2504	ug/kg	100
57) Toluene	10.50	91	143297	9.8383	ug/kg	97
58) Ethyl Methacrylate	10.70	69	34248	9.1876	ug/kg	97
59) trans-1,3-Dichloropropene	10.71	75	46688	10.1312	ug/kg	96
60) 1,1,2-Trichloroethane	10.91	97	27062	10.3943	ug/kg	99
61) 2-Hexanone	10.93	43	21872	9.1963	ug/kg	90
62) 1,3-Dichloropropane	11.22	76	45500	10.3452	ug/kg	98
63) Tetrachloroethene	11.30	164	30586	10.8086	ug/kg	100
64) Dibromochloromethane	11.54	129	31988	10.6638	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	27310	10.2545	ug/kg	98
66) 1-Chlorohexane	11.99	91	45338	9.3024	ug/kg	97
67) Chlorobenzene	12.30	112	101298	10.3059	ug/kg	98
68) 1,1,1,2-Tetrachloroethane	12.36	131	35032	11.1824	ug/kg	98
69) Ethylbenzene	12.36	106	52348	9.9119	ug/kg	95
70) m-,p-Xylene	12.46	106	125789	19.6204	ug/kg	93
71) o-Xylene	13.00	106	58998	9.5912	ug/kg	96
72) Styrene	13.05	104	94385	9.1953	ug/kg	94
73) Bromoform	13.46	173	17608	10.8218	ug/kg	97
74) Isopropylbenzene	13.44	105	153850	9.9687	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	28991	9.2184	ug/kg	98
78) 1,2,3-Trichloropropane	13.83	110	10894	10.3983	ug/kg	95
79) trans-1,4-Dichloro-2-Butene	13.92	53	11733	9.0799	ug/kg	92
80) n-Propylbenzene	13.94	91	190232	9.7793	ug/kg	98
81) Bromobenzene	14.00	156	41435	10.1507	ug/kg	97
82) 1,3,5-Trimethylbenzene	14.14	105	129783	9.6015	ug/kg	96
83) 2-Chlorotoluene	14.16	91	129232	10.0543	ug/kg	96
84) 4-Chlorotoluene	14.23	91	117830	10.0696	ug/kg	99
85) a-Methylstyrene	14.52	118	70556	8.6860	ug/kg	99
86) tert-Butylbenzene	14.58	134	29669	9.5923	ug/kg	96
87) 1,2,4-Trimethylbenzene	14.63	105	136364	9.8302	ug/kg	98
88) sec-Butylbenzene	14.85	105	172112	9.8159	ug/kg	99
89) p-Isopropyltoluene	15.02	119	149820	9.5999	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	80426	10.0619	ug/kg	99
91) 1,4-Dichlorobenzene	15.27	146	80171	9.8074	ug/kg	93
92) n-Butylbenzene	15.53	91	133592	9.8239	ug/kg	97
93) 1,2-Dichlorobenzene	15.74	146	73297	10.1312	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.72	157	6195	8.5234	ug/kg	92
95) 1,2,4-Trichlorobenzene	17.84	180	48809	9.8870	ug/kg	98
96) Hexachlorobutadiene	18.03	225	26210	11.4202	ug/kg	97
97) Naphthalene	18.17	128	107752	9.0620	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	45933	10.3789	ug/kg	98

(#) = qualifier out of range (m) = manual integration

9M56012.D 826_SLST.M Wed Aug 15 16:22:49 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D
Acq On : 14 Aug 2007 13:51
Sample : WG247666-06 10 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:00 2007

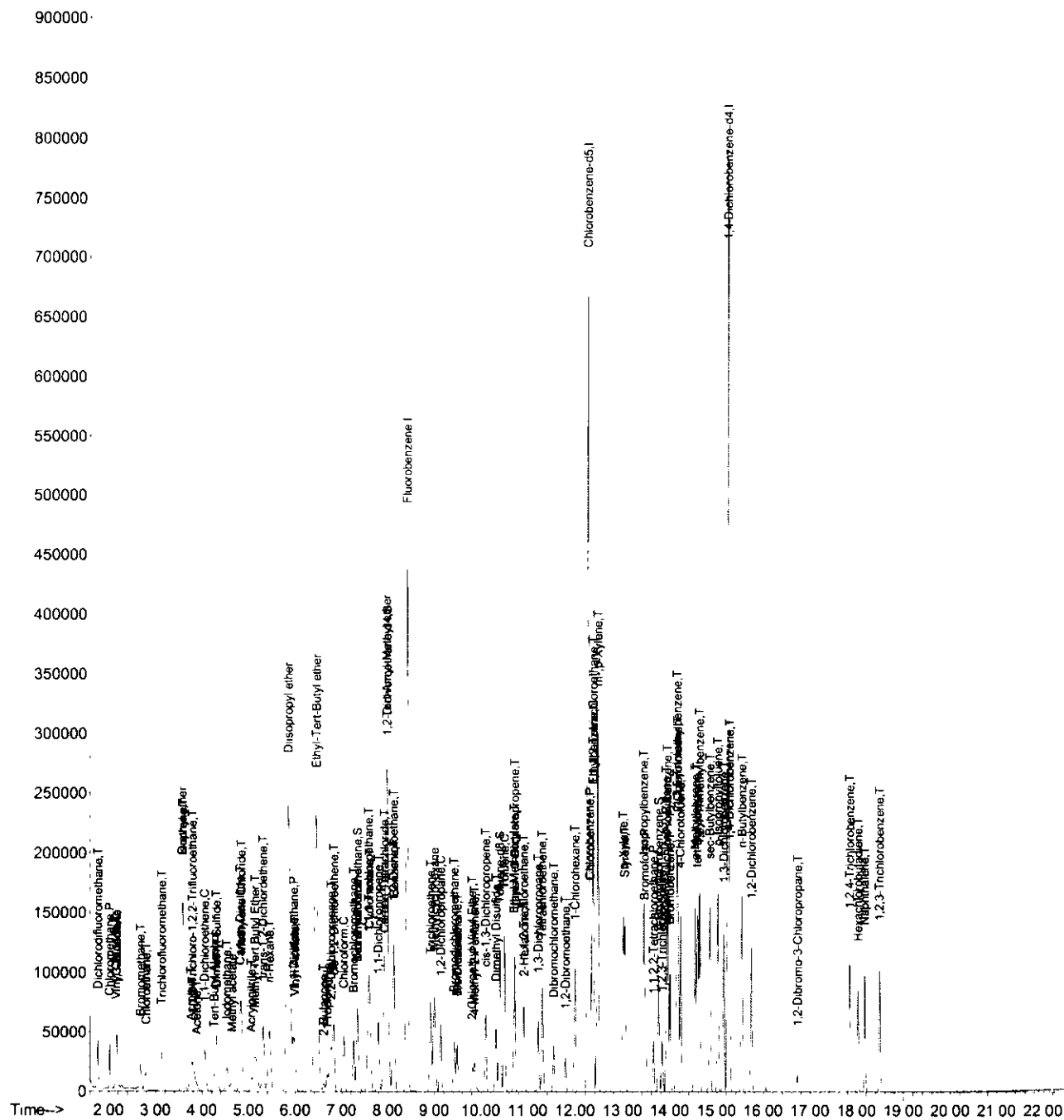
Vial: 6
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration

Abundance
950000

TIC 9M56012.D



9M56012.D 826 SLST.M

Wed Aug 15 16:22:58 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D

Vial: 6

Acq On : 14 Aug 2007 13:51

Operator: MES

Sample : WG247666-06 10 ug/L SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:13 2007

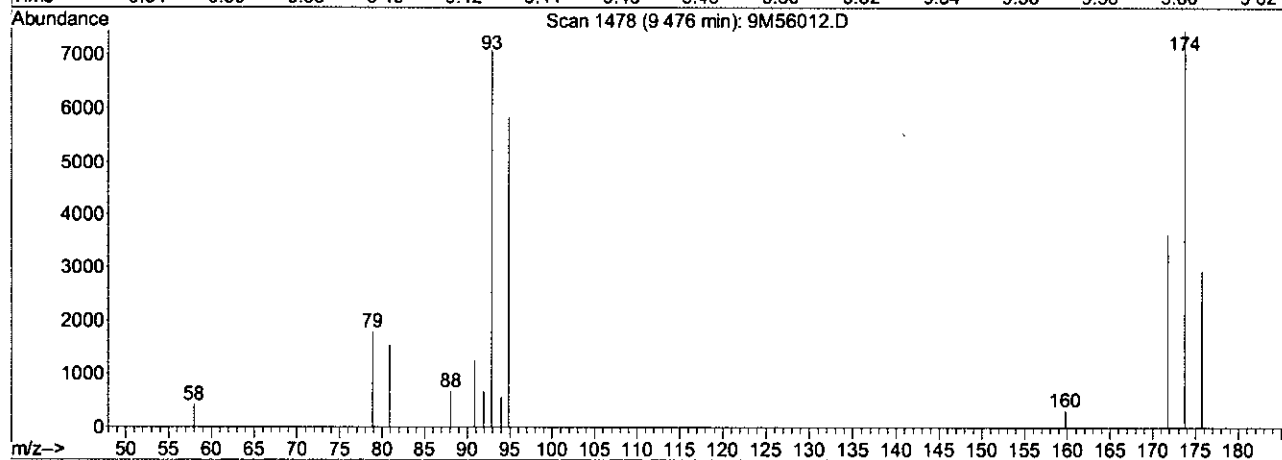
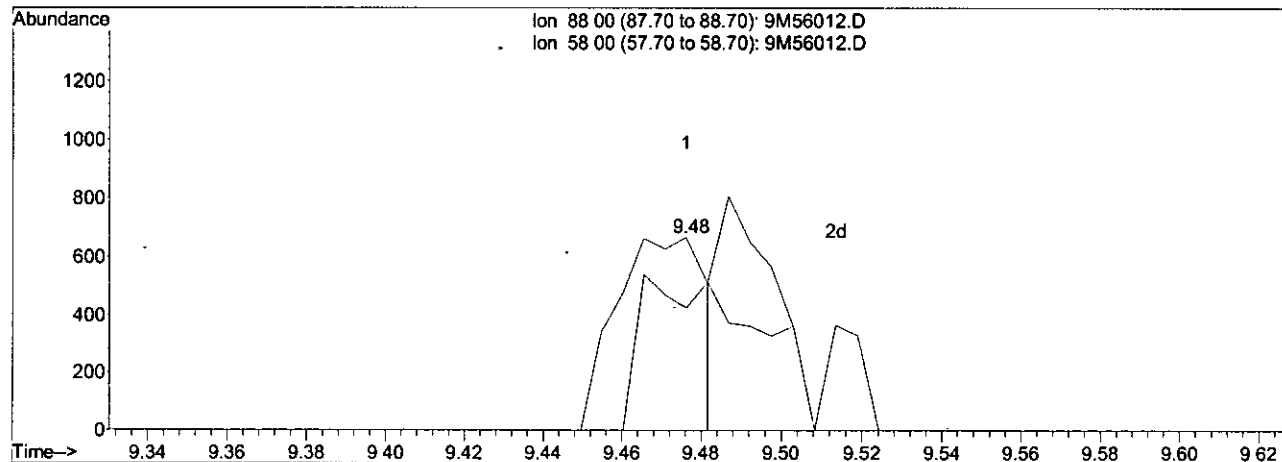
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 14:55:42 2007

Response via : Single Level Calibration



TIC: 9M56012.D

(49) 1,4-Dioxane

9.48min 30.96ug/kg

response 1053

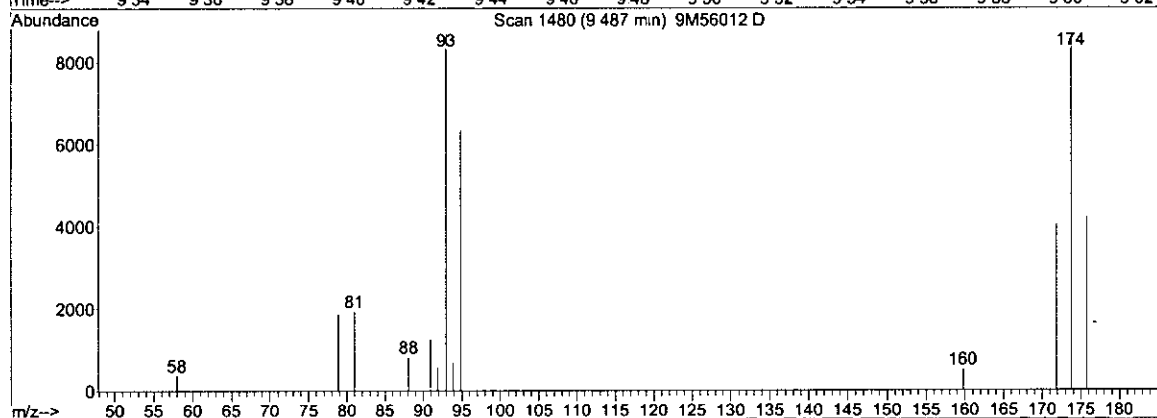
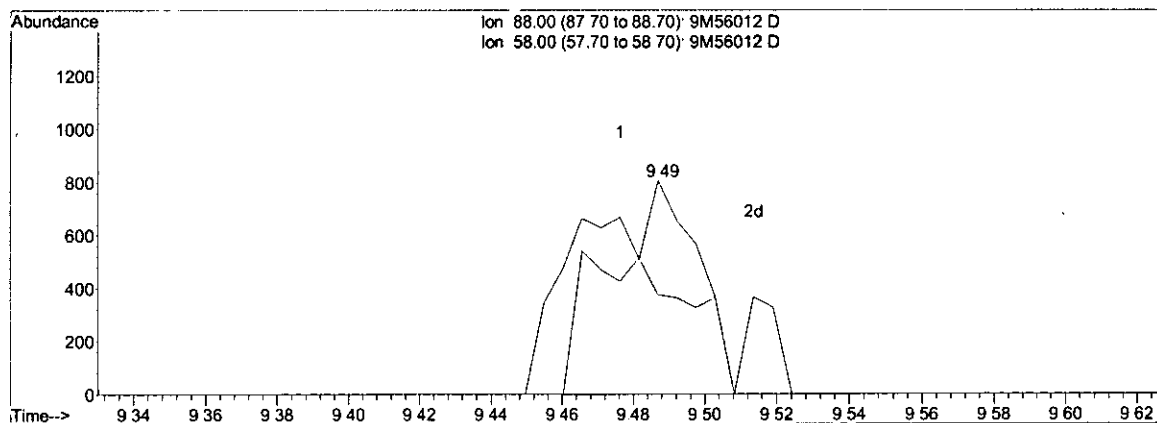
Ion	Exp%	Act%
88.00	100	100
58.00	69.80	102.56#
0.00	0.00	0.00
0.00	0.00	0.00

9M56012.D 826_SLST.M

Tue Aug 14 14:56:52 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D Vial: 6
Acq On : 14 Aug 2007 13:51 Operator: MES
Sample : WG247666-06 10 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:56 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:55:42 2007
Response via : Single Level Calibration



TIC 9M56012.D

(49) 1,4-Dioxane

9.49min 53.48ug/kg m

response 1819

Ion	Exp%	Act%
88.00	100	100
58.00	69.80	59.37
0.00	0.00	0.00
0.00	0.00	0.00

9M56012.D 826_SLST.M Tue Aug 14 14:57:00 2007

Approved: August 15, 2007	Supervisor: August 15, 2007
Reason #2 Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak	
<i>myung</i>	<i>no. ant</i>

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D

Vial: 6

Acq On : 14 Aug 2007 13:51

Operator: MES

Sample : WG247666-06 10 ug/L SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:56 2007

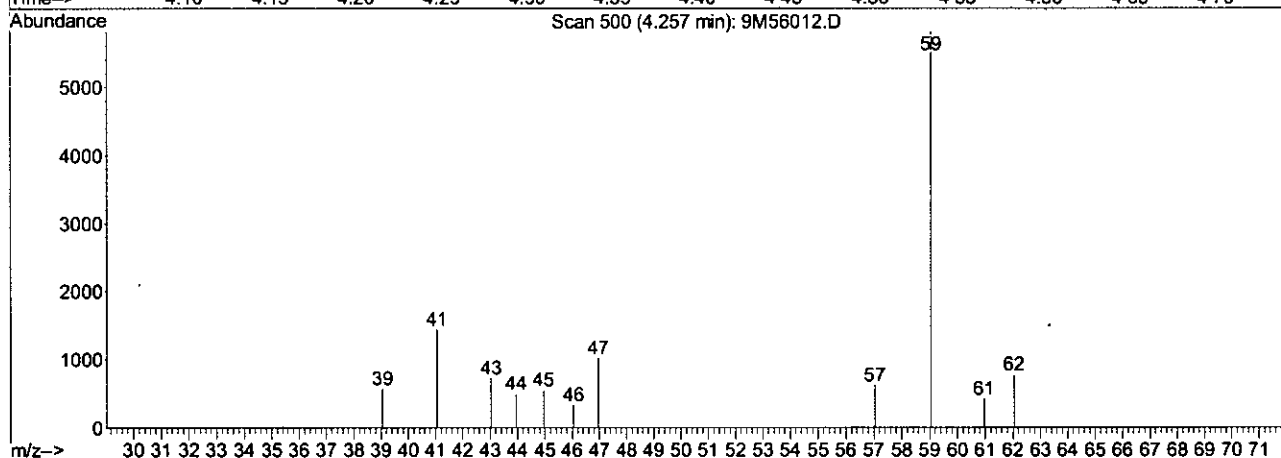
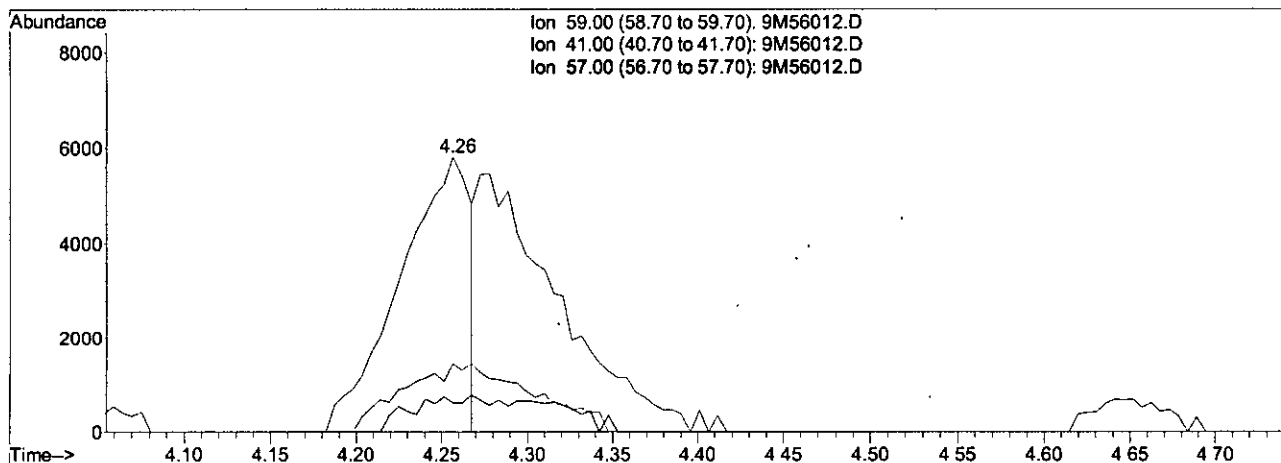
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 16:55:12 2007

Response via : Single Level Calibration



TIC: 9M56012.D

(15) Tert-Butyl Alcohol

4.26min 35.60ug/kg

response 16641

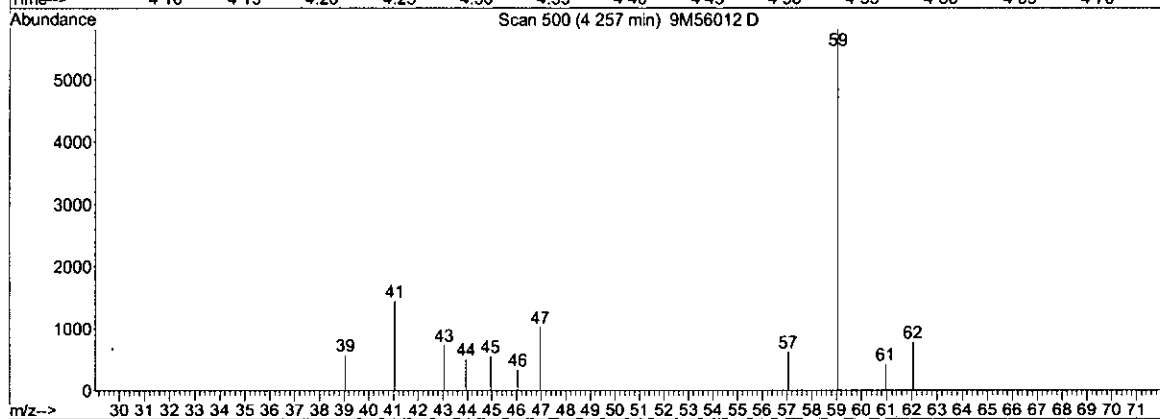
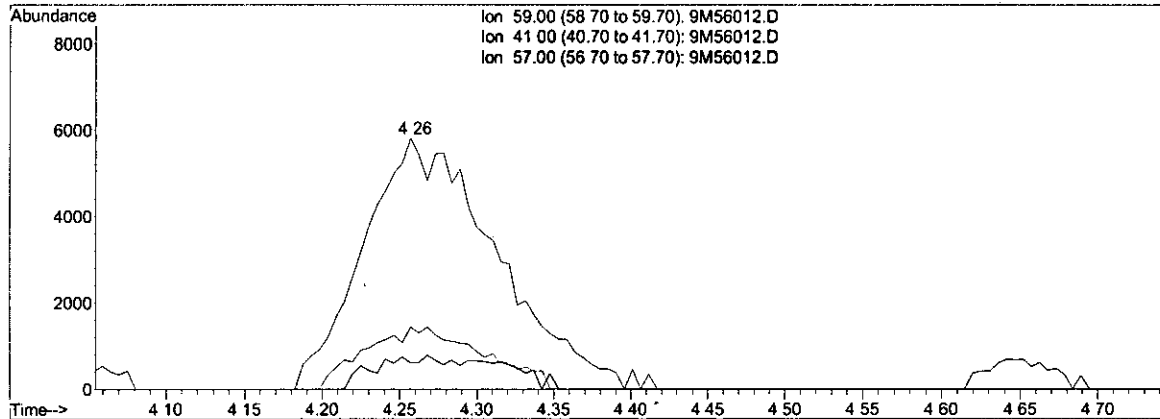
Ion	Exp%	Act%
59.00	100	100
41.00	18.20	45.62#
57.00	15.70	8.39#
0.00	0.00	0.00

9M56012.D 826_SLST.M

Tue Aug 14 17:00:39 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D Vial: 6
Acq On : 14 Aug 2007 13:51 Operator: MES
Sample : WG247666-06 10 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:00 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 16:55:12 2007
Response via : Single Level Calibration



TIC 9M56012.D

(15) Tert-Butyl Alcohol

4.26min 73.89ug/kg m

response 34540

lon	Exp%	Act%
59.00	100	100
41.00	18.20	21.98
57.00	15.70	4.04#
0.00	0.00	0.00

9M56012.D 826_SLST.M Tue Aug 14 17:00:47 2007

Approved: August 15, 2007	Supervisor: August 15, 2007
Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak	

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D Vial: 7
 Acq On : 14 Aug 2007 14:22 Operator: MES
 Sample : WG247666-07 20 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 14:44:50 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 12:07:09 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	639294	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	519181	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	282399	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.34	111	74793	21.7588	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	43.52%	
42) 1,2-Dichloroethane-d4	7.99	65	80081	22.3386	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	44.68%	
56) Toluene-d8	10.40	98	258108	21.8890	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	43.78%	
77) p-Bromofluorobenzene	13.76	95	97348	21.4461	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	42.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	96477	27.8371	ug/kg	99
3) Chloromethane	2.03	50	77875	30.7970	ug/kg	100
4) Vinyl Chloride	2.15	62	55767	35.2271	ug/kg	99
5) 1,3-Butadiene	2.17	54	31778	29.6657	ug/kg	95
6) Bromomethane	2.68	94	40211	27.1501	ug/kg	98
7) Chloroethane	2.78	64	47599	25.0528	ug/kg	100
8) Trichlorofluoromethane	3.12	101	148068	24.2675	ug/kg	100
9) Diethyl ether	3.57	59	191930	69.6553	ug/kg	97
10) Isoprene	3.58	67	103926	20.1299	ug/kg	99
11) Acrolein	3.76	56	9371	46.6649	ug/kg	98
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	78301m	23.1314	ug/kg	
13) Acetone	3.88	43	22443	17.2330	ug/kg	94
14) 1,1-Dichloroethene	4.05	96	68490	20.1954	ug/kg	95
15) Tert-Butyl Alcohol	4.25	59	47791	103.3896	ug/kg#	82
16) Dimethyl Sulfide	4.31	62	81189	18.4657	ug/kg	94
17) Iodomethane	4.53	142	96299	30.7548	ug/kg	94
18) Methyl acetate	4.65	43	45670	12.7915	ug/kg	97
19) Methylene Chloride	4.84	84	71004	20.7059	ug/kg	97
20) Carbon Disulfide	4.82	76	223592	20.1341	ug/kg	100
21) Acrylonitrile	5.06	53	21781	16.0347	ug/kg	98
22) Methyl Tert Butyl Ether	5.13	73	176083	19.4823	ug/kg	96
23) trans-1,2-Dichloroethene	5.31	96	76350	20.5573	ug/kg	99
24) n-Hexane	5.44	57	128903	20.3350	ug/kg	100
25) Diisopropyl ether	5.85	45	864331	75.4829	ug/kg	98
26) Vinyl Acetate	6.00	43	139377	31.3780	ug/kg	99
27) 1,1-Dichloroethane	5.96	63	134603	20.5030	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.43	59	767752	71.8642	ug/kg	99
29) 2-Butanone	6.61	43	29863	16.3683	ug/kg	95
30) Propionitrile	6.68	54	28052	57.8524	ug/kg	97
31) 2,2-Dichloropropane	6.77	77	118660	21.2219	ug/kg	96
32) cis-1,2-Dichloroethene	6.83	96	77229	20.3793	ug/kg	98
33) Chloroform	7.04	83	130336	22.6294	ug/kg	99
34) Bromochloromethane	7.26	128	37540	20.9236	ug/kg	96
35) Tetrahydrofuran	7.34	42	64114	57.7131	ug/kg	99
37) 1,1,1-Trichloroethane	7.58	97	129329	23.0337	ug/kg	100
38) Cyclohexane	7.60	56	145248	20.2609	ug/kg	97
39) 1,1-Dichloropropene	7.79	75	102455	20.8795	ug/kg	97
40) Carbon Tetrachloride	7.91	117	112791	23.1657	ug/kg	100
41) Tert-Amyl-Methyl ether	7.97	73	616606	73.3051	ug/kg	97
43) 1,2-Dichloroethane	8.11	62	97816	21.9990	ug/kg	97

(#) = qualifier out of range (m) = manual integration
 9M56013.D 826_SLST.M Wed Aug 15 16:23:06 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D

Vial: 7

Acq On : 14 Aug 2007 14:22

Operator: MES

Sample : WG247666-07 20 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:44:50 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826_SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 12:07:09 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	277331	20.2857	ug/kg	99
45) Trichloroethene	8.92	130	86385	21.4847	ug/kg	100
46) Methylcyclohexane	8.99	83	132920	21.1043	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	65763	18.7723	ug/kg	89
48) Bromodichloromethane	9.42	83	87611	21.6746	ug/kg	100
49) 1,4-Dioxane	9.48	88	2945	87.5557	ug/kg	94
50) Dibromomethane	9.49	93	40961	21.1852	ug/kg	97
51) 2-Chloroethyl Vinyl Ether	9.81	63	24080	14.7196	ug/kg	97
52) 4-Methyl-2-Pentanone	9.85	58	21972	16.0579	ug/kg	99
53) cis-1,3-Dichloropropene	10.10	75	103271	19.2791	ug/kg	98
54) Dimethyl Disulfide	10.31	79	46789	15.4416	ug/kg	99
57) Toluene	10.49	91	302742	21.2718	ug/kg	98
58) Ethyl Methacrylate	10.71	69	72509	19.9071	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	98322	21.8352	ug/kg	96
60) 1,1,2-Trichloroethane	10.91	97	53720	21.1164	ug/kg	98
61) 2-Hexanone	10.92	43	41727	17.9552	ug/kg	87
62) 1,3-Dichloropropane	11.22	76	90180	20.9838	ug/kg	98
63) Tetrachloroethene	11.30	164	64846	23.4519	ug/kg	98
64) Dibromochloromethane	11.54	129	67726	23.1061	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	55558	21.3495	ug/kg	99
66) 1-Chlorohexane	11.99	91	102018	21.4220	ug/kg	99
67) Chlorobenzene	12.30	112	204989	21.3434	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	72860	23.8018	ug/kg	99
69) Ethylbenzene	12.37	106	111138	21.5362	ug/kg	95
70) m-,p-Xylene	12.46	106	267461	42.6948	ug/kg	95
71) o-Xylene	13.00	106	125084	20.8106	ug/kg	95
72) Styrene	13.04	104	200390	19.9797	ug/kg	95
73) Bromoform	13.46	173	37303	23.4630	ug/kg	98
74) Isopropylbenzene	13.44	105	327642	21.7265	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	57588	18.8880	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	21428	21.0968	ug/kg	94
79) trans-1,4-Dichloro-2-Butene	13.91	53	25846	20.6313	ug/kg	93
80) n-Propylbenzene	13.94	91	406988	21.5809	ug/kg	98
81) Bromobenzene	14.00	156	84943	21.4644	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	276110	21.0701	ug/kg	96
83) 2-Chlorotoluene	14.17	91	266176	21.3604	ug/kg	96
84) 4-Chlorotoluene	14.22	91	246161	21.6989	ug/kg	99
85) a-Methylstyrene	14.52	118	162632	20.6514	ug/kg	99
86) tert-Butylbenzene	14.58	134	62716	20.9150	ug/kg	96
87) 1,2,4-Trimethylbenzene	14.63	105	282791	21.0276	ug/kg	98
88) sec-Butylbenzene	14.85	105	366613	21.5670	ug/kg	99
89) p-Isopropyltoluene	15.02	119	317830	21.0065	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	161676	20.8636	ug/kg	99
91) 1,4-Dichlorobenzene	15.28	146	163360	20.6130	ug/kg	98
92) n-Butylbenzene	15.53	91	280437	21.2715	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	146664	20.9103	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.72	157	12392	17.5862	ug/kg	91
95) 1,2,4-Trichlorobenzene	17.84	180	97909	20.4572	ug/kg	97
96) Hexachlorobutadiene	18.02	225	52180	23.4516	ug/kg	97
97) Naphthalene	18.17	128	212332	18.4193	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	89003	20.7440	ug/kg	98

(#) = qualifier out of range (m) = manual integration

9M56013.D 826_SLST.M Wed Aug 15 16:23:09 2007

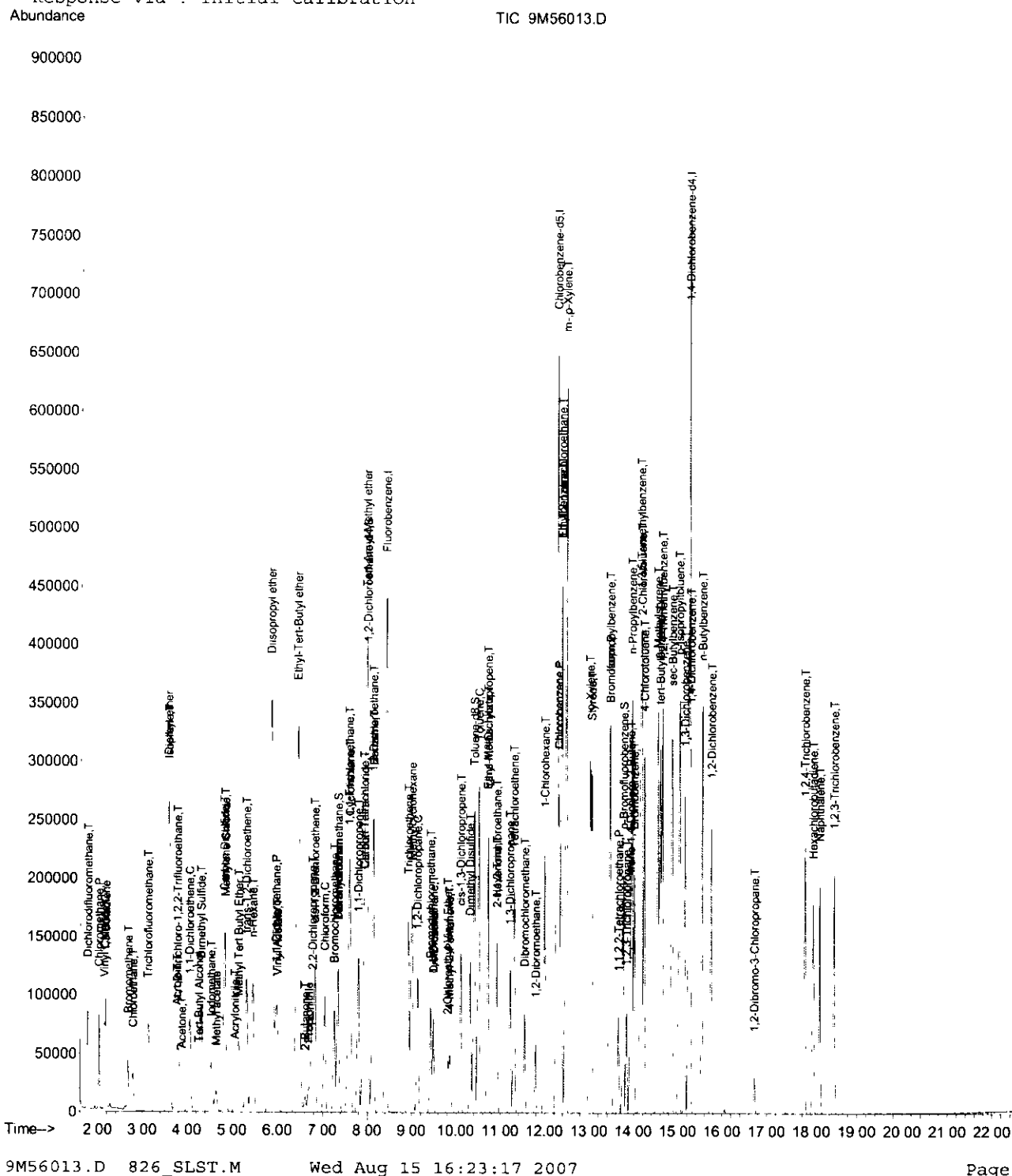
Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D
Acq On : 14 Aug 2007 14:22
Sample : WG247666-07 20 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:55 2007

Vial: 7
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D

Vial: 7

Acq On : 14 Aug 2007 14:22

Operator: MES

Sample : WG247666-07 20 ug/L SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:44 2007

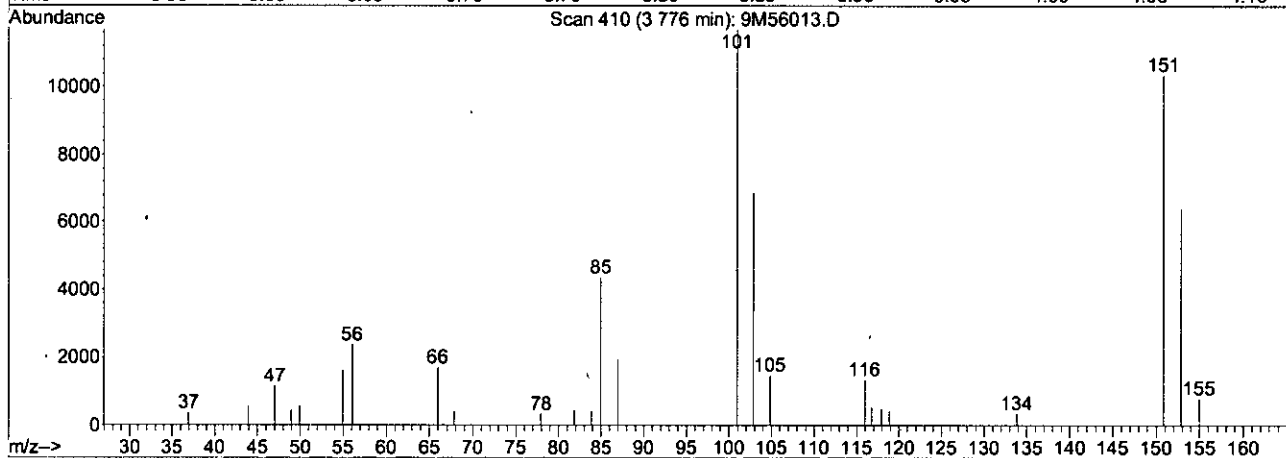
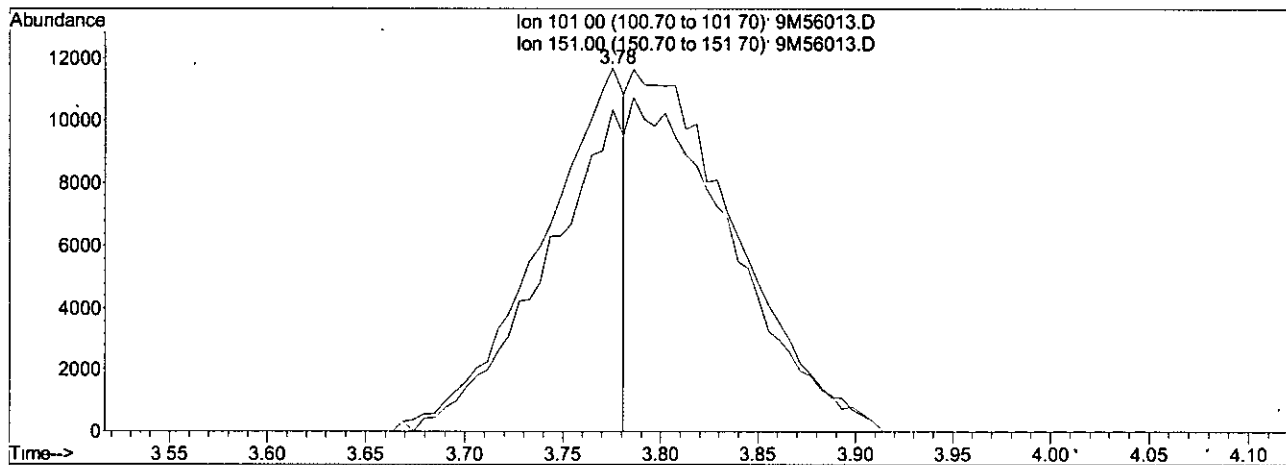
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 14:54:51 2007

Response via : Single Level Calibration



TIC: 9M56013.D

(12) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

3.78min 10.31ug/kg

response 34896

Ion	Exp%	Act%
101.00	100	100
151.00	88.10	196.73#
0.00	0.00	0.00
0.00	0.00	0.00

9M56013.D 826_SLST.M

Tue Aug 14 14:55:12 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D

Vial: 7

Acq On : 14 Aug 2007 14:22

Operator: MES

Sample : WG247666-07 20 ug/L SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:55 2007

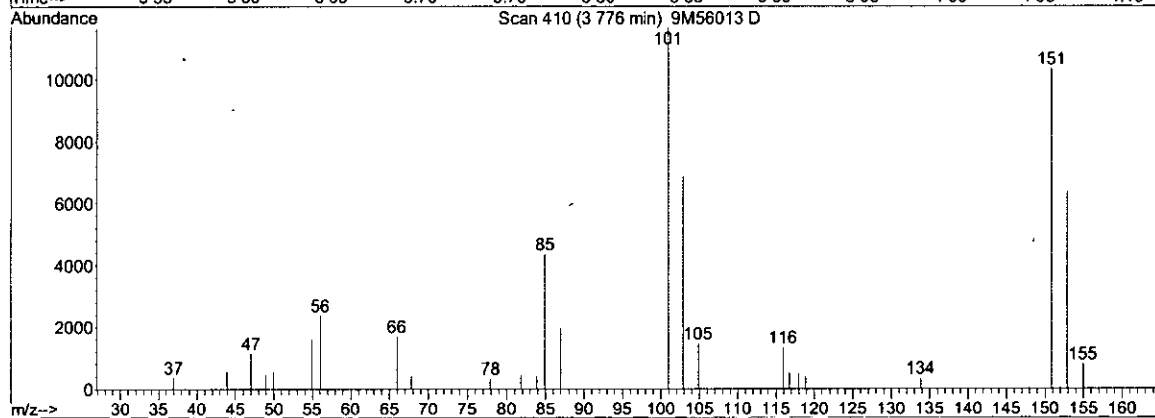
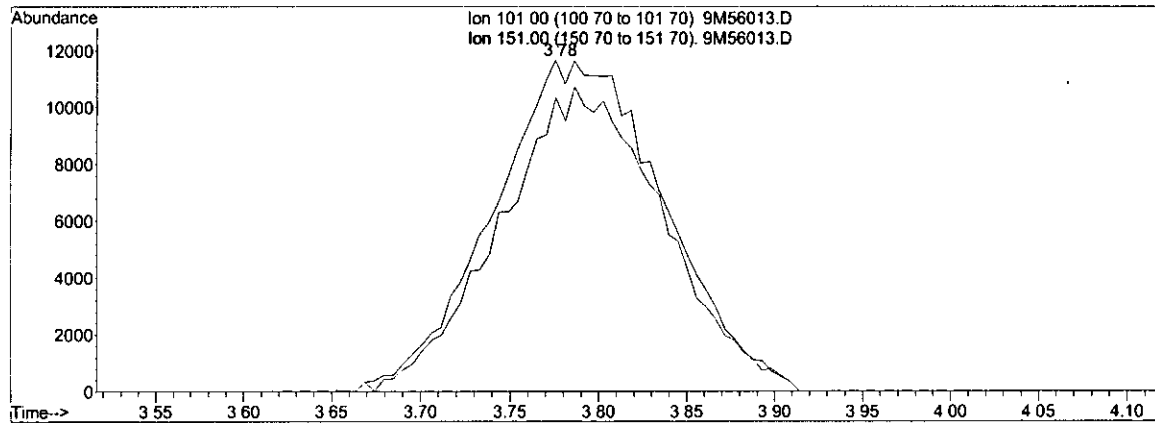
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 14:54:51 2007

Response via : Single Level Calibration



TIC: 9M56013.D

(12) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

3.78min 23.13ug/kg m

response 78301

Ion	Exp%	Act%
101.00	100	100
151.00	88.10	87.68
0.00	0.00	0.00
0.00	0.00	0.00

9M56013.D 826_SLST.M

Tue Aug 14 14:55:23 2007

Approved: August 15, 2007

Supervisor: August 15, 2007

Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak

*myg**no*

Data File : C:\MSDCHEM\1\DATA\081407\9M56014.D Vial: 8
 Acq On : 14 Aug 2007 14:53 Operator: MES
 Sample : WG247666-08 50 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 15 12:17:27 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:25:57 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.40	96	660212	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	546089	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	300415	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.33	111	196320	54.0721	ug/kg	0.00
Spiked Amount 50.000			Recovery =	108.14%		
42) 1,2-Dichloroethane-d4	7.99	65	204479	51.8244	ug/kg	0.00
Spiked Amount 50.000			Recovery =	103.64%		
56) Toluene-d8	10.40	98	684490	54.9330	ug/kg	0.00
Spiked Amount 50.000			Recovery =	109.86%		
77) p-Bromofluorobenzene	13.75	95	255803	52.4136	ug/kg	0.00
Spiked Amount 50.000			Recovery =	104.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	238143	53.4694	ug/kg	100
3) Chloromethane	2.02	50	199178	52.8358	ug/kg	100
4) Vinyl Chloride	2.14	62	132627	48.9931	ug/kg	100
5) 1,3-Butadiene	2.17	54	72532	54.1508	ug/kg	100
6) Bromomethane	2.68	94	99932	50.7038	ug/kg	100
7) Chloroethane	2.79	64	117147	53.8073	ug/kg	100
8) Trichlorofluoromethane	3.12	101	368236	53.7032	ug/kg	100
9) Diethyl ether	3.57	59	249409	98.2584	ug/kg	100
10) Isoprene	3.58	67	274542	55.3914	ug/kg	100
11) Acrolein	3.76	56	28642	106.6488	ug/kg	100
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	194637	54.1431	ug/kg	100
13) Acetone	3.88	43	54075	51.6154	ug/kg	100
14) 1,1-Dichloroethene	4.06	96	183254	56.1454	ug/kg	100
15) Tert-Butyl Alcohol	4.26	59	69293	202.5101	ug/kg	100
16) Dimethyl Sulfide	4.31	62	219635	54.0816	ug/kg	100
17) Iodomethane	4.54	142	263837	56.0904	ug/kg	100
18) Methyl acetate	4.64	43	127483	52.0817	ug/kg	100
19) Methylene Chloride	4.84	84	180130	50.8968	ug/kg	100
20) Carbon Disulfide	4.81	76	590944	53.6816	ug/kg	100
21) Acrylonitrile	5.05	53	61336	54.4777	ug/kg	100
22) Methyl Tert Butyl Ether	5.13	73	480418	52.8842	ug/kg	100
23) trans-1,2-Dichloroethene	5.31	96	203609	54.6422	ug/kg	100
24) n-Hexane	5.45	57	338065	52.2145	ug/kg	100
25) Diisopropyl ether	5.85	45	1100202	99.5069	ug/kg	100
26) Vinyl Acetate	5.99	43	388173	54.0978	ug/kg	100
27) 1,1-Dichloroethane	5.96	63	354244	53.1053	ug/kg	100
28) Ethyl-Tert-Butyl ether	6.44	59	991635	98.2831	ug/kg	100
29) 2-Butanone	6.60	43	82648	53.8970	ug/kg	100
30) Propionitrile	6.68	54	38202	101.2721	ug/kg	100
31) 2,2-Dichloropropane	6.76	77	314308	55.3984	ug/kg	100
32) cis-1,2-Dichloroethene	6.83	96	207440	54.8160	ug/kg	100
33) Chloroform	7.04	83	338189	52.4223	ug/kg	100
34) Bromochloromethane	7.26	128	99058	53.5668	ug/kg	100
35) Tetrahydrofuran	7.34	42	87909	98.7470	ug/kg	100
37) 1,1,1-Trichloroethane	7.58	97	338064	54.8295	ug/kg	100
38) Cyclohexane	7.60	56	382394	54.2229	ug/kg	100
39) 1,1-Dichloropropene	7.79	75	273654	55.3805	ug/kg	100
40) Carbon Tetrachloride	7.91	117	304944	57.5975	ug/kg	100
41) Tert-Amyl-Methyl ether	7.97	73	800246	99.5042	ug/kg	100
43) 1,2-Dichloroethane	8.11	62	257877	52.0481	ug/kg	100

(#) = qualifier out of range (m) = manual integration
 9M56014.D 826_SLST.M Wed Aug 15 16:23:25 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56014.D
Acq On : 14 Aug 2007 14:53
Sample : WG247666-08 50 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 15 12:17:27 2007

Vial: 8
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration
DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	728751	53.2073	ug/kg	100
45) Trichloroethene	8.92	130	230332	54.5227	ug/kg	100
46) Methylcyclohexane	8.99	83	351574	55.8660	ug/kg	100
47) 1,2-Dichloropropane	9.13	63	176504	54.6457	ug/kg	100
48) Bromodichloromethane	9.42	83	236809	55.2985	ug/kg	100
49) 1,4-Dioxane	9.48	88	4578	197.1479	ug/kg	100
50) Dibromomethane	9.48	93	104651	52.6512	ug/kg	100
51) 2-Chloroethyl Vinyl Ether	9.81	63	70649	56.0129	ug/kg	100
52) 4-Methyl-2-Pentanone	9.85	58	64775	56.9146	ug/kg	100
53) cis-1,3-Dichloropropene	10.10	75	283058	56.6092	ug/kg	100
54) Dimethyl Disulfide	10.31	79	147001	52.0045	ug/kg	100
57) Toluene	10.50	91	799517	53.6315	ug/kg	100
58) Ethyl Methacrylate	10.71	69	199936	56.4717	ug/kg	100
59) trans-1,3-Dichloropropene	10.72	75	265653	56.0281	ug/kg	100
60) 1,1,2-Trichloroethane	10.91	97	145373	53.2778	ug/kg	100
61) 2-Hexanone	10.92	43	125489	58.0362	ug/kg	100
62) 1,3-Dichloropropane	11.21	76	244349	52.6599	ug/kg	100
63) Tetrachloroethene	11.30	164	174803	53.6005	ug/kg	100
64) Dibromochloromethane	11.54	129	194209	57.9520	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	152375	54.5791	ug/kg	100
66) 1-Chlorohexane	11.99	91	273102	56.8531	ug/kg	100
67) Chlorobenzene	12.31	112	548531	52.2196	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.35	131	196554	55.6512	ug/kg	100
69) Ethylbenzene	12.37	106	294496	54.7149	ug/kg	100
70) m-, p-Xylene	12.46	106	719081	110.9765	ug/kg	100
71) o-Xylene	13.00	106	339346	56.4629	ug/kg	100
72) Styrene	13.04	104	554391	57.8468	ug/kg	100
73) Bromoform	13.46	173	110668	55.9248	ug/kg	100
74) Isopropylbenzene	13.44	105	889937	56.4732	ug/kg	100
76) 1,1,2,2-Tetrachloroethane	13.65	83	159484	53.9374	ug/kg	100
78) 1,2,3-Trichloropropane	13.83	110	58527	52.8359	ug/kg	100
79) trans-1,4-Dichloro-2-Butene	13.91	53	67531	53.1436	ug/kg	100
80) n-Propylbenzene	13.94	91	1089252	55.2490	ug/kg	100
81) Bromobenzene	14.00	156	228190	52.7510	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	748361	56.1155	ug/kg	100
83) 2-Chlorotoluene	14.16	91	726426	53.5506	ug/kg	100
84) 4-Chlorotoluene	14.22	91	641366	52.3648	ug/kg	100
85) a-Methylstyrene	14.53	118	434449	54.3317	ug/kg	100
86) tert-Butylbenzene	14.58	134	170387	55.5499	ug/kg	100
87) 1,2,4-Trimethylbenzene	14.63	105	755812	53.5193	ug/kg	100
88) sec-Butylbenzene	14.85	105	995333	55.5873	ug/kg	100
89) p-Isopropyltoluene	15.02	119	874070	56.2256	ug/kg	100
90) 1,3-Dichlorobenzene	15.15	146	437305	52.2277	ug/kg	100
91) 1,4-Dichlorobenzene	15.27	146	440787	50.7229	ug/kg	100
92) n-Butylbenzene	15.53	91	766471	55.2750	ug/kg	100
93) 1,2-Dichlorobenzene	15.74	146	398621	52.1187	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.73	157	39560	56.1312	ug/kg	100
95) 1,2,4-Trichlorobenzene	17.85	180	274370	53.7790	ug/kg	100
96) Hexachlorobutadiene	18.02	225	141198	52.9498	ug/kg	100
97) Naphthalene	18.17	128	625418	55.3924	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	249248	53.0439	ug/kg	100

(#) = qualifier out of range (m) = manual integration
9M56014.D 826_SLST.M Wed Aug 15 16:23:28 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56015.D Vial: 9
 Acq On : 14 Aug 2007 15:24 Operator: MES
 Sample : WG247666-09 100 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 15:47:21 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 15:18:30 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	687731	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	564534	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	303208	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.33	111	378595	99.0059	ug/kg	0.00
Spiked Amount			Recovery	=	198.02%	
42) 1,2-Dichloroethane-d4	7.99	65	378521	91.3792	ug/kg	0.00
Spiked Amount			Recovery	=	182.76%	
56) Toluene-d8	10.40	98	1308947	101.4074	ug/kg	0.00
Spiked Amount			Recovery	=	202.82%	
77) p-Bromofluorobenzene	13.76	95	485522	97.8204	ug/kg	0.00
Spiked Amount			Recovery	=	195.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	456929	101.1162	ug/kg	99
3) Chloromethane	2.02	50	382956	103.8117	ug/kg	100
4) Vinyl Chloride	2.15	62	243329	98.7521	ug/kg	99
5) 1,3-Butadiene	2.17	54	120590	68.1493	ug/kg	98
6) Bromomethane	2.67	94	193021	99.9681	ug/kg	100
7) Chloroethane	2.79	64	231785	102.5172	ug/kg	100
8) Trichlorofluoromethane	3.12	101	711596	99.0981	ug/kg	100
9) Diethyl ether	3.57	59	518468	186.1298	ug/kg	99
10) Isoprene	3.57	67	545184	103.2994	ug/kg	100
11) Acrolein	3.75	56	54163	201.1132	ug/kg	99
12) 1,1,2-Trichloro-1,2,2-Trif	3.77	101	383508	100.5738	ug/kg	100
13) Acetone	3.88	43	97297	71.0891	ug/kg	98
14) 1,1-Dichloroethene	4.05	96	360133	102.2884	ug/kg	98
15) Tert-Butyl Alcohol	4.27	59	142683	362.1609	ug/kg#	80
16) Dimethyl Sulfide	4.31	62	437352	98.9520	ug/kg	99
17) Iodomethane	4.53	142	516808	113.2723	ug/kg	100
18) Methyl acetate	4.64	43	237849	78.6743	ug/kg	100
19) Methylene Chloride	4.84	84	346971	77.3590	ug/kg	99
20) Carbon Disulfide	4.81	76	1186212	100.6888	ug/kg	100
21) Acrylonitrile	5.05	53	118174	89.6772	ug/kg	96
22) Methyl Tert Butyl Ether	5.13	73	932210	96.1611	ug/kg	99
23) trans-1,2-Dichloroethene	5.31	96	399507	100.0927	ug/kg	99
24) n-Hexane	5.44	57	660150	94.5443	ug/kg	100
25) Diisopropyl ether	5.84	45	2301914	194.1545	ug/kg	100
26) Vinyl Acetate	5.99	43	744859	111.4078	ug/kg	99
27) 1,1-Dichloroethane	5.95	63	685878	95.8775	ug/kg	100
28) Ethyl-Tert-Butyl ether	6.44	59	2091811	191.5597	ug/kg	100
29) 2-Butanone	6.60	43	145385	81.8991	ug/kg	98
30) Propionitrile	6.68	54	80569	182.4998	ug/kg	99
31) 2,2-Dichloropropane	6.76	77	609441	100.7633	ug/kg	99
32) cis-1,2-Dichloroethene	6.82	96	404406	99.7414	ug/kg	100
33) Chloroform	7.04	83	651552	95.7378	ug/kg	100
34) Bromochloromethane	7.26	128	194245	98.8759	ug/kg	99
35) Tetrahydrofuran	7.32	42	175778	173.0596	ug/kg	99
37) 1,1,1-Trichloroethane	7.58	97	657718	101.4209	ug/kg	99
38) Cyclohexane	7.60	56	756258	100.0046	ug/kg	100
39) 1,1-Dichloropropene	7.79	75	535752	101.6152	ug/kg	99
40) Carbon Tetrachloride	7.91	117	604504	109.0660	ug/kg	99
41) Tert-Amyl-Methyl ether	7.96	73	1670779	193.4084	ug/kg	99
43) 1,2-Dichloroethane	8.11	62	482650	92.1725	ug/kg	98

(#) = qualifier out of range (m) = manual integration
 9M56015.D 826_SLST.M Wed Aug 15 16:23:44 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56015.D
Acq On : 14 Aug 2007 15:24
Sample : WG247666-09 100 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 15:47:21 2007

Vial: 9
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 15:18:30 2007
Response via : Initial Calibration
DataAcq Meth : 826_SLST

Compound	R.T.	Qion	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	1419556	96.9235	ug/kg	100
45) Trichloroethene	8.92	130	455903	102.2570	ug/kg	99
46) Methylcyclohexane	9.00	83	688696	102.2954	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	342111	96.7377	ug/kg	98
48) Bromodichloromethane	9.43	83	462577	102.3122	ug/kg	100
49) 1,4-Dioxane	9.48	88	10812	362.3503	ug/kg	95
50) Dibromomethane	9.49	93	197601	92.1882	ug/kg	100
51) 2-Chloroethyl Vinyl Ether	9.81	63	140643	93.9072	ug/kg	99
52) 4-Methyl-2-Pentanone	9.85	58	115477	87.9046	ug/kg	99
53) cis-1,3-Dichloropropene	10.10	75	550976	100.5467	ug/kg	99
54) Dimethyl Disulfide	10.31	79	307082	112.5720	ug/kg	99
57) Toluene	10.50	91	1563303	100.4306	ug/kg	100
58) Ethyl Methacrylate	10.71	69	386331	99.4983	ug/kg	100
59) trans-1,3-Dichloropropene	10.71	75	508231	100.9479	ug/kg	99
60) 1,1,2-Trichloroethane	10.91	97	278880	97.1900	ug/kg	99
61) 2-Hexanone	10.92	43	213276	89.2089	ug/kg	95
62) 1,3-Dichloropropane	11.22	76	460816	94.1242	ug/kg	99
63) Tetrachloroethene	11.31	164	339043	101.0317	ug/kg	100
64) Dibromochloromethane	11.54	129	380562	107.0216	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	288167	98.1764	ug/kg	99
66) 1-Chlorohexane	11.98	91	544638	107.2577	ug/kg	99
67) Chlorobenzene	12.30	112	1060166	96.5041	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	382919	105.1401	ug/kg	100
69) Ethylbenzene	12.37	106	576165	102.3894	ug/kg	99
70) m-,p-Xylene	12.46	106	1410638	208.9067	ug/kg	97
71) o-Xylene	13.00	106	664243	104.8863	ug/kg	99
72) Styrene	13.04	104	1092334	107.7651	ug/kg	99
73) Bromoform	13.46	173	216193	107.2618	ug/kg	100
74) Isopropylbenzene	13.44	105	1722491	104.7836	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	289066	92.8264	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	107241	94.0425	ug/kg	98
79) trans-1,4-Dichloro-2-Butene	13.91	53	125568	94.2466	ug/kg	97
80) n-Propylbenzene	13.94	91	2124577	106.1077	ug/kg	99
81) Bromobenzene	14.00	156	441886	100.4451	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	1466559	108.1757	ug/kg	99
83) 2-Chlorotoluene	14.17	91	1377942	100.0520	ug/kg	96
84) 4-Chlorotoluene	14.23	91	1268173	101.4877	ug/kg	97
85) a-Methylstyrene	14.52	118	872476	106.2906	ug/kg	99
86) tert-Butylbenzene	14.58	134	333460	105.6836	ug/kg	99
87) 1,2,4-Trimethylbenzene	14.63	105	1481368	103.0990	ug/kg	99
88) sec-Butylbenzene	14.84	105	1933074	106.2546	ug/kg	100
89) p-Isopropyltoluene	15.02	119	1706172	107.7966	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	846105	99.1739	ug/kg	100
91) 1,4-Dichlorobenzene	15.28	146	848613	95.9446	ug/kg	99
92) n-Butylbenzene	15.53	91	1507311	107.1727	ug/kg	100
93) 1,2-Dichlorobenzene	15.74	146	760464	97.7044	ug/kg	100
94) 1,2-Dibromo-3-Chloropropane	16.72	157	74091	106.3888	ug/kg	96
95) 1,2,4-Trichlorobenzene	17.84	180	523059	101.3323	ug/kg	99
96) Hexachlorobutadiene	18.03	225	268644	100.8150	ug/kg	99
97) Naphthalene	18.17	128	1178325	101.3200	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	478043	100.4705	ug/kg	99

(#) = qualifier out of range (m) = manual integration
9M56015.D 826_SLST.M Wed Aug 15 16:23:46 2007

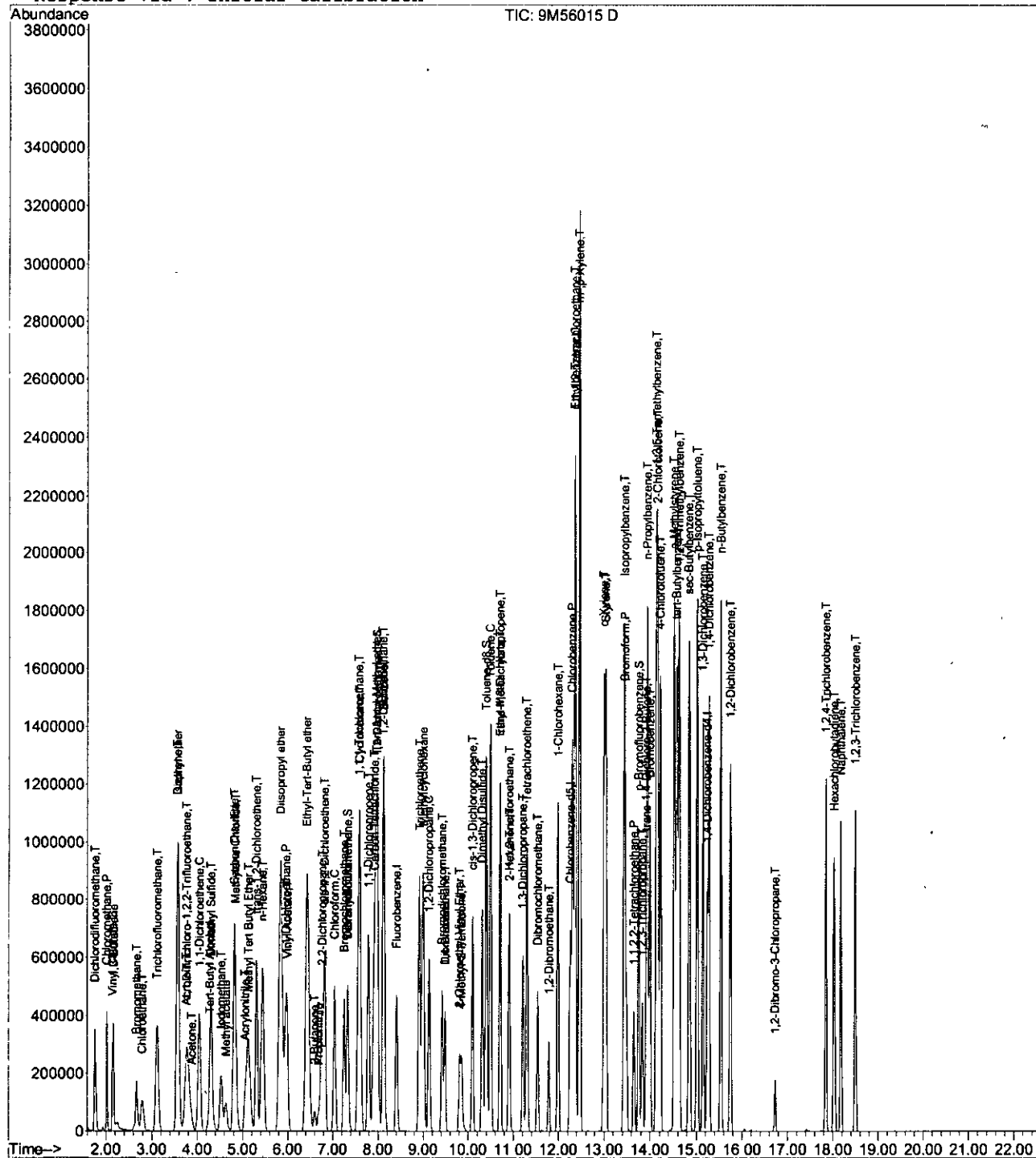
Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56015.D
Acq On : 14 Aug 2007 15:24
Sample : WG247666-09 100 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 15:47 2007

Vial: 9
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\data\081407\9M56016.D Vial: 10
 Acq On : 14 Aug 2007 15:55 Operator: MES
 Sample : WG247666-10 200 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 16:18:29 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 15:49:31 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	736401	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	595565	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	316338	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	742616	181.1571	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	362.32%#	
42) 1,2-Dichloroethane-d4	7.99	65	731078	164.6644	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	329.32%#	
56) Toluene-d8	10.40	98	2473300	180.8482	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	361.70%#	
77) p-Bromofluorobenzene	13.75	95	898666	173.1574	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	346.32%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.76	85	808535	163.1964	ug/kg	99
3) Chloromethane	2.02	50	726280	175.5412	ug/kg	99
4) Vinyl Chloride	2.15	62	351001	126.4645	ug/kg	99
5) 1,3-Butadiene	2.16	54	213409	109.1302	ug/kg	98
6) Bromomethane	2.66	94	346491	162.7104	ug/kg	100
7) Chloroethane	2.81	64	440066	179.4635	ug/kg	99
8) Trichlorofluoromethane	3.10	101	1322116	170.7823	ug/kg	100
9) Diethyl ether	3.57	59	1074698	366.5507	ug/kg	99
10) Isoprene	3.56	67	1057258	188.0965	ug/kg	99
11) Acrolein	3.76	56	133105	452.7888	ug/kg	98
12) 1,1,2-Trichloro-1,2,2-Trif	3.77	101	738034	180.8688	ug/kg	99
13) Acetone	3.88	43	205499	144.3720	ug/kg	97
14) 1,1-Dichloroethene	4.04	96	705735	188.9690	ug/kg	97
15) Tert-Butyl Alcohol	4.29	59	316852	799.6419	ug/kg#	90
16) Dimethyl Sulfide	4.31	62	873584	187.8048	ug/kg	98
17) Iodomethane	4.53	142	983815	193.2308	ug/kg	96
18) Methyl acetate	4.63	43	538553	181.8004	ug/kg	99
19) Methylene Chloride	4.85	84	671193	140.4692	ug/kg	99
20) Carbon Disulfide	4.80	76	2299960	183.6886	ug/kg	100
21) Acrylonitrile	5.05	53	260935	192.3206	ug/kg	98
22) Methyl Tert Butyl Ether	5.12	73	1953709	190.6900	ug/kg	99
23) trans-1,2-Dichloroethene	5.31	96	782075	184.3301	ug/kg	98
24) n-Hexane	5.43	57	1314406	178.1602	ug/kg	100
25) Diisopropyl ether	5.84	45	4582238	364.3138	ug/kg	99
26) Vinyl Acetate	5.99	43	1543838	201.9780	ug/kg	99
27) 1,1-Dichloroethane	5.95	63	1339085	176.2214	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.44	59	4285706	371.4797	ug/kg	99
29) 2-Butanone	6.60	43	326858	177.9047	ug/kg	97
30) Propionitrile	6.68	54	175137	384.2543	ug/kg	99
31) 2,2-Dichloropropane	6.76	77	1183167	183.2398	ug/kg	98
32) cis-1,2-Dichloroethene	6.82	96	799214	185.5699	ug/kg	99
33) Chloroform	7.04	83	1273387	174.7435	ug/kg	100
34) Bromochloromethane	7.26	128	383547	183.3547	ug/kg	97
35) Tetrahydrofuran	7.32	42	391652	371.0158	ug/kg	97
37) 1,1,1-Trichloroethane	7.57	97	1257952	180.7634	ug/kg	99
38) Cyclohexane	7.60	56	1475385	183.8331	ug/kg	100
39) 1,1-Dichloropropene	7.79	75	1031785	183.4821	ug/kg	98
40) Carbon Tetrachloride	7.91	117	1171227	196.3240	ug/kg	99
41) Tert-Amyl-Methyl ether	7.96	73	3431070	375.3102	ug/kg	98
43) 1,2-Dichloroethane	8.11	62	941425	168.3831	ug/kg	98

(#) = qualifier out of range (m) = manual integration
 9M56016.D 826_SLST.M Tue Aug 14 16:18:31 2007

Data File : C:\MSDCHEM\1\data\081407\9M56016.D
Acq On : 14 Aug 2007 15:55
Sample : WG247666-10 200 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 16:18:29 2007

Vial: 10
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 15:49:31 2007
Response via : Initial Calibration
DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	2723816	175.1546	ug/kg	100
45) Trichloroethene	8.91	130	886102	185.7337	ug/kg	99
46) Methylcyclohexane	9.00	83	1344689	188.2393	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	682026	183.3433	ug/kg	97
48) Bromodichloromethane	9.43	83	918456	189.8797	ug/kg	100
49) 1,4-Dioxane	9.48	88	25027	827.6161	ug/kg	95
50) Dibromomethane	9.48	93	403674	177.8593	ug/kg	100
51) 2-Chloroethyl Vinyl Ether	9.81	63	312805	205.2063	ug/kg	99
52) 4-Methyl-2-Pentanone	9.86	58	253038	187.3021	ug/kg	99
53) cis-1,3-Dichloropropene	10.10	75	1093319	188.6177	ug/kg	99
54) Dimethyl Disulfide	10.31	79	646051	227.5947	ug/kg	99
57) Toluene	10.50	91	2968645	180.8338	ug/kg	99
58) Ethyl Methacrylate	10.71	69	788172	195.6408	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	997490	188.2671	ug/kg	98
60) 1,1,2-Trichloroethane	10.90	97	555444	184.5801	ug/kg	99
61) 2-Hexanone	10.92	43	454878	184.9683	ug/kg	96
62) 1,3-Dichloropropane	11.21	76	918313	179.1313	ug/kg	98
63) Tetrachloroethene	11.30	164	657621	184.5174	ug/kg	99
64) Dibromochloromethane	11.54	129	766916	203.2983	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	590684	192.1726	ug/kg	100
66) 1-Chlorohexane	11.99	91	1051813	196.3764	ug/kg	97
67) Chlorobenzene	12.30	112	2023035	174.8276	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	736383	190.6319	ug/kg	100
69) Ethylbenzene	12.37	106	1096359	184.9721	ug/kg	94
70) m-,p-Xylene	12.46	106	2617273	367.2525	ug/kg	94
71) o-Xylene	13.00	106	1259660	189.3525	ug/kg	96
72) Styrene	13.04	104	2071195	195.0956	ug/kg	98
73) Bromoform	13.46	173	431684	200.6442	ug/kg	100
74) Isopropylbenzene	13.44	105	3200778	184.3753	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	595015	186.9966	ug/kg	100
78) 1,2,3-Trichloropropane	13.83	110	215110	182.4920	ug/kg	98
79) trans-1,4-Dichloro-2-Butene	13.91	53	260154	191.1283	ug/kg	97
80) n-Propylbenzene	13.94	91	3882709	185.1594	ug/kg	98
81) Bromobenzene	14.00	156	830939	180.7084	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	2708768	190.9632	ug/kg	98
83) 2-Chlorotoluene	14.16	91	2581286	179.0655	ug/kg	98
84) 4-Chlorotoluene	14.22	91	2265237	173.4182	ug/kg	98
85) a-Methylstyrene	14.53	118	1676281	196.3478	ug/kg	99
86) tert-Butylbenzene	14.58	134	626218	189.8409	ug/kg	98
87) 1,2,4-Trimethylbenzene	14.63	105	2743608	182.6763	ug/kg	98
88) sec-Butylbenzene	14.85	105	3566556	187.3747	ug/kg	98
89) p-Isopropyltoluene	15.02	119	3173636	191.8346	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	1589102	178.3477	ug/kg	100
91) 1,4-Dichlorobenzene	15.27	146	1592311	172.2559	ug/kg	98
92) n-Butylbenzene	15.53	91	2761406	187.3505	ug/kg	99
93) 1,2-Dichlorobenzene	15.74	146	1460417	179.7370	ug/kg	99
94) 1,2-Dibromo-3-Chloropropan	16.72	157	164382	231.2696	ug/kg	94
95) 1,2,4-Trichlorobenzene	17.85	180	1007517	186.1496	ug/kg	99
96) Hexachlorobutadiene	18.02	225	504623	179.4199	ug/kg	98
97) Naphthalene	18.17	128	2389289	198.7990	ug/kg	99
98) 1,2,3-Trichlorobenzene	18.49	180	924453	185.6182	ug/kg	100

(#) = qualifier out of range (m) = manual integration
9M56016.D 826_SLST.M Tue Aug 14 16:18:31 2007

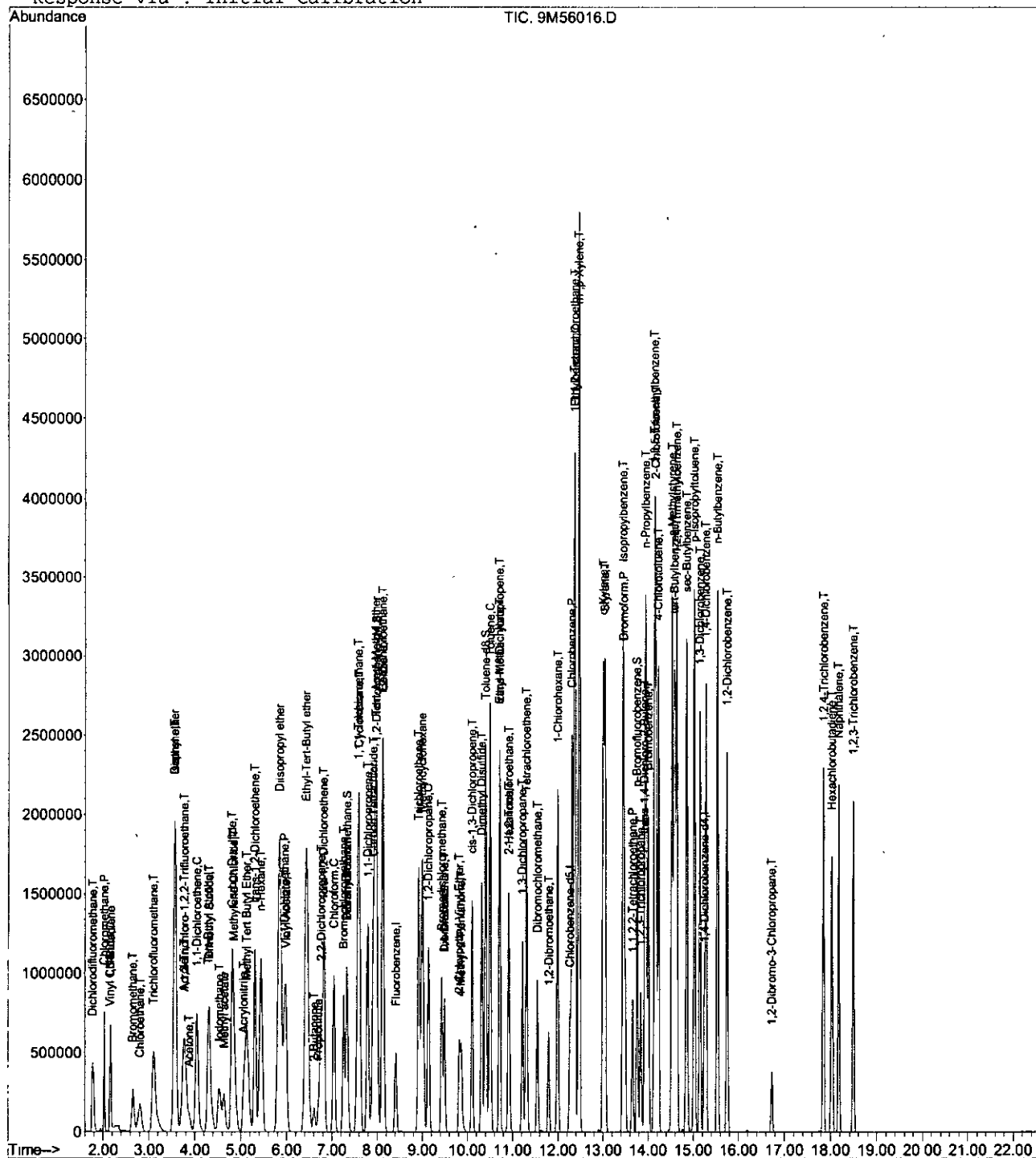
Page 2

Data File : C:\MSDCHEM\1\data\081407\9M56016.D
Acq On : 14 Aug 2007 15:55
Sample : WG247666-10 200 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 16:18 2007

Vial: 10
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 15:49:31 2007
Response via : Initial Calibration



9M56016.D 826 SLST.M

Tue Aug 14 16:18:32 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56017.D Vial: 11
 Acq On : 14 Aug 2007 16:27 Operator: MES
 Sample : WG247666-11 300 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 16:49:41 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 16:21:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	689862	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	554213	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	290240	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 80 - 120	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.00	65	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 80 - 120	Recovery	=	0.00%#	
56) Toluene-d8	0.00	98	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 81 - 117	Recovery	=	0.00%#	
77) p-Bromofluorobenzene	0.00	95	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 74 - 121	Recovery	=	0.00%#	

Target Compounds

						Qvalue
5) 1,3-Butadiene	2.16	54	352752	188.1925	ug/kg	99
9) Diethyl ether	3.57	59	1339484	497.0695	ug/kg	98
11) Acrolein	3.75	56	180815	644.3302	ug/kg	98
13) Acetone	3.88	43	261331	200.9318	ug/kg	96
15) Tert-Butyl Alcohol	4.28	59	314397	896.4349	ug/kg#	83
21) Acrylonitrile	5.05	53	323168	263.2109	ug/kg	98
25) Diisopropyl ether	5.84	45	5723088	492.2214	ug/kg	99
26) Vinyl Acetate	5.99	43	2128750	280.5500	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.43	59	5351326	502.6457	ug/kg	99
29) 2-Butanone	6.59	43	425903	254.8747	ug/kg	97
30) Propionitrile	6.68	54	203238	492.4533	ug/kg	98
35) Tetrahydrofuran	7.32	42	420511	434.8867	ug/kg	96
41) Tert-Amyl-Methyl ether	7.96	73	4221557	497.8765	ug/kg	98
49) 1,4-Dioxane	9.47	88	27703	1043.4544	ug/kg	89
51) 2-Chloroethyl Vinyl Ether	9.81	63	434680	319.6291	ug/kg	99
52) 4-Methyl-2-Pentanone	9.86	58	340663	276.4120	ug/kg	98
61) 2-Hexanone	10.92	43	582879	258.1845	ug/kg#	56

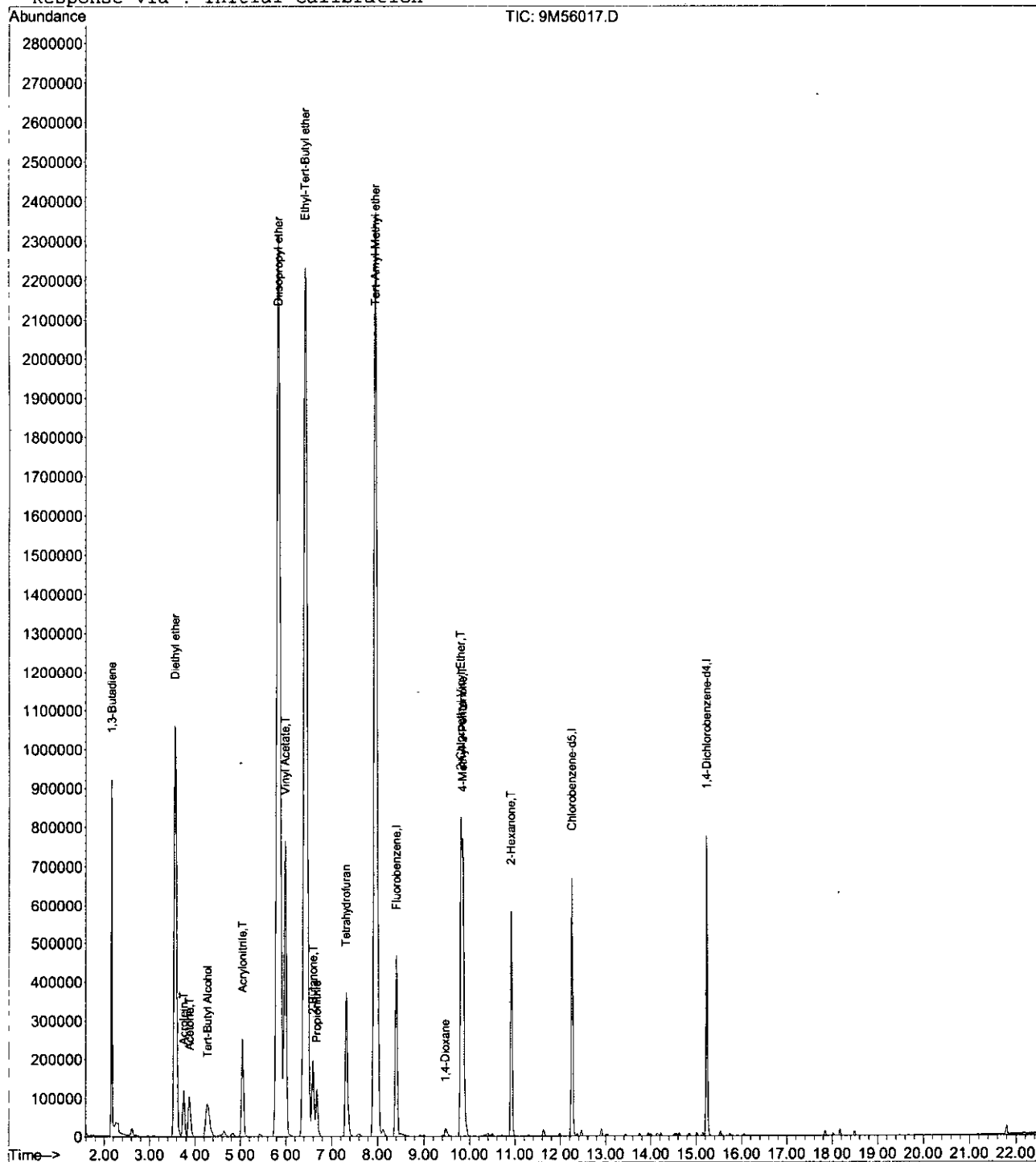
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 9M56017.D 826_SLST.M Tue Aug 14 16:52:30 2007

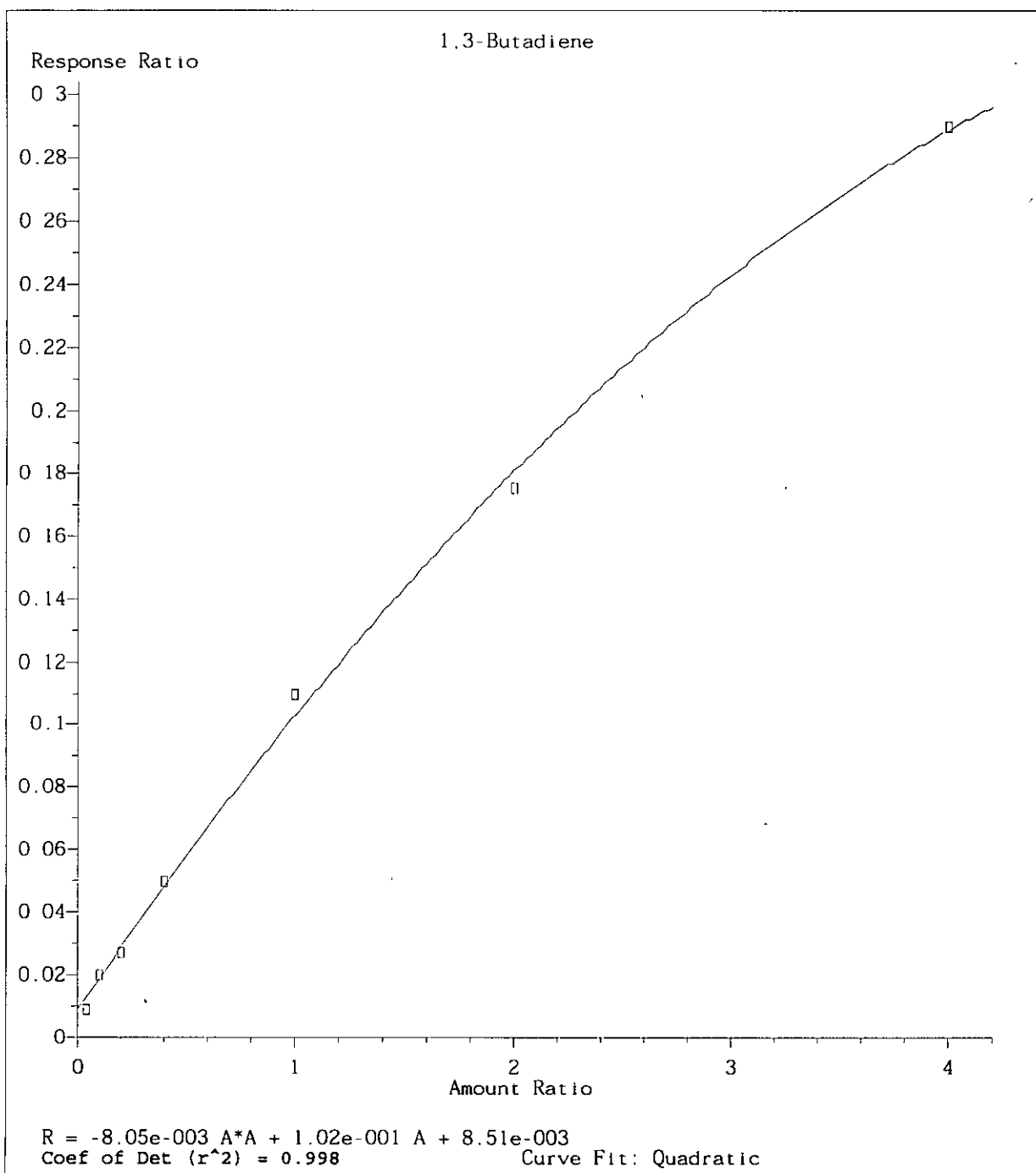
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Acq On : 14 Aug 2007 16:27
Sample : WG247666-11 300 ug/Kg SOIL STD .8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 16:52 2007

Vial: 11
Operator: MES
Inst : HPMS9
Multiplr: 1.00

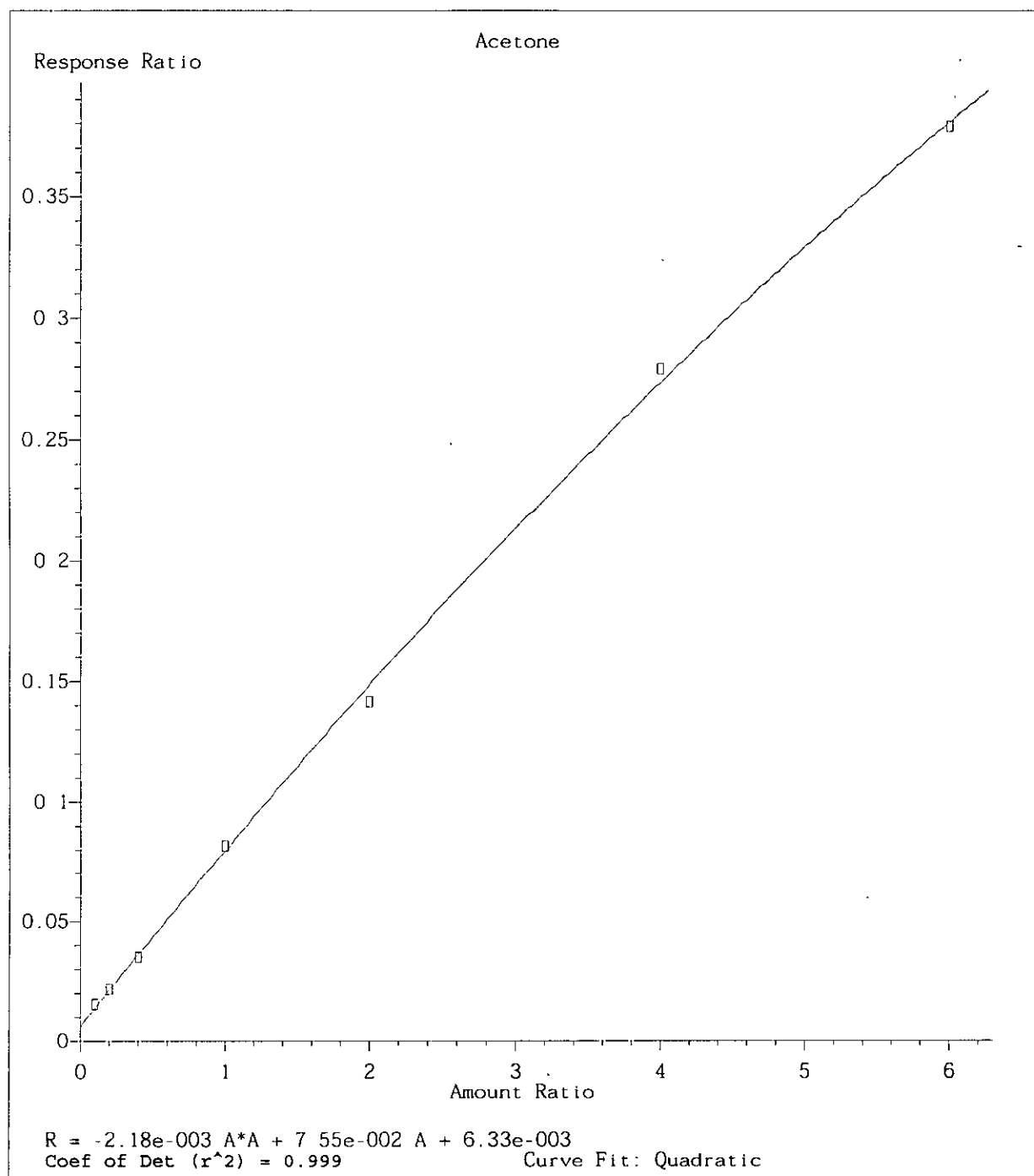
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 16:21:45 2007
Response via : Initial Calibration

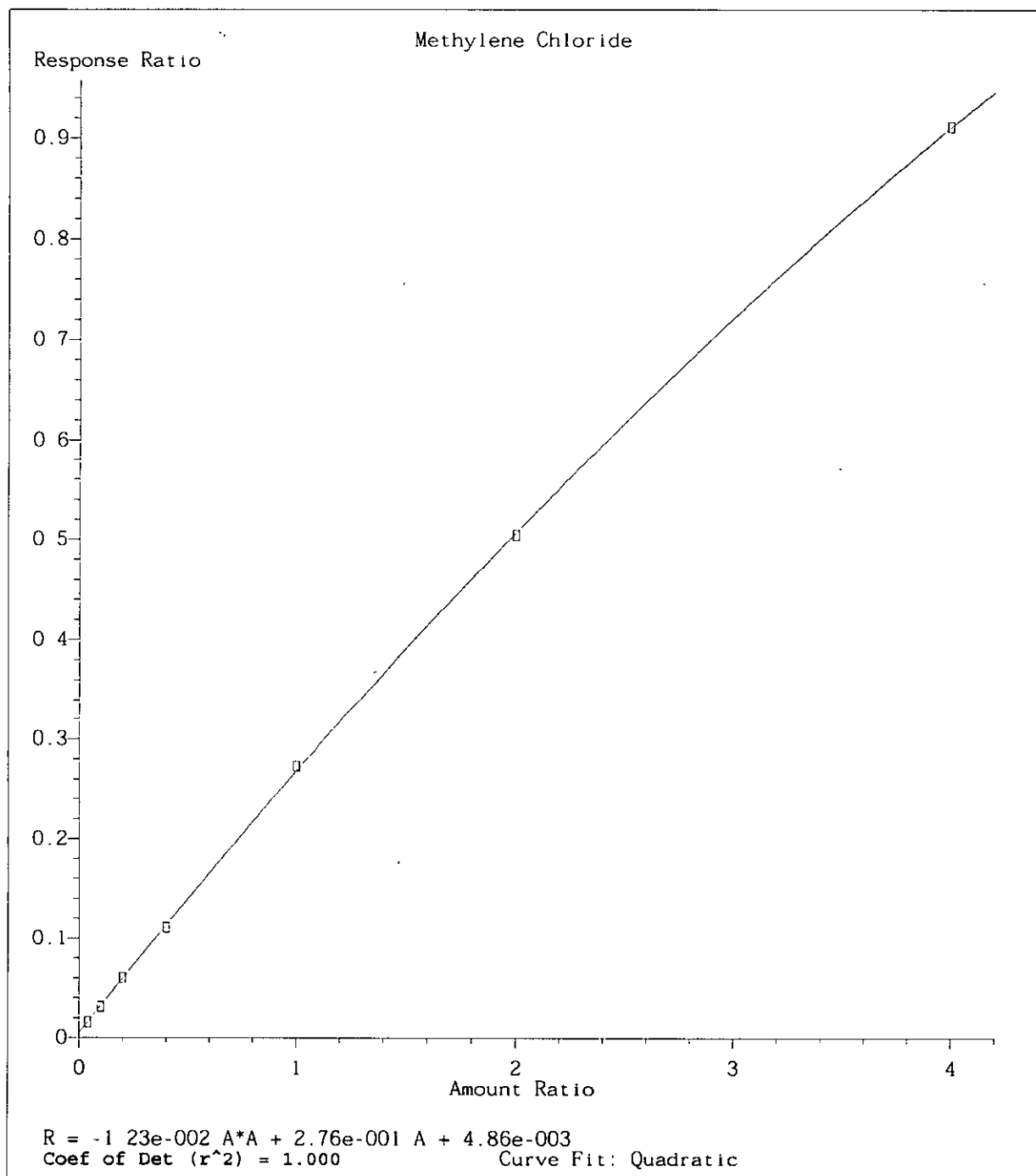




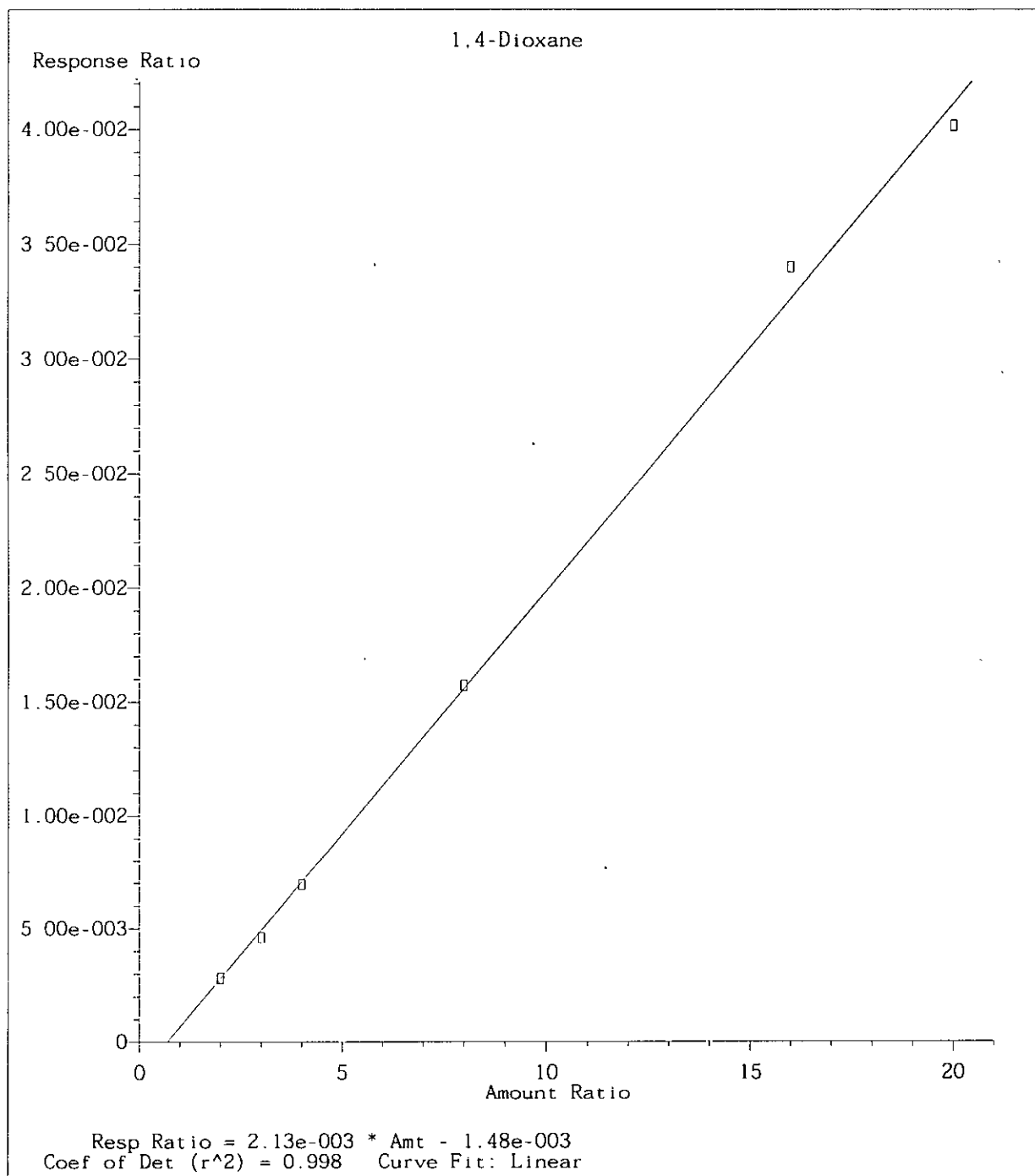
Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



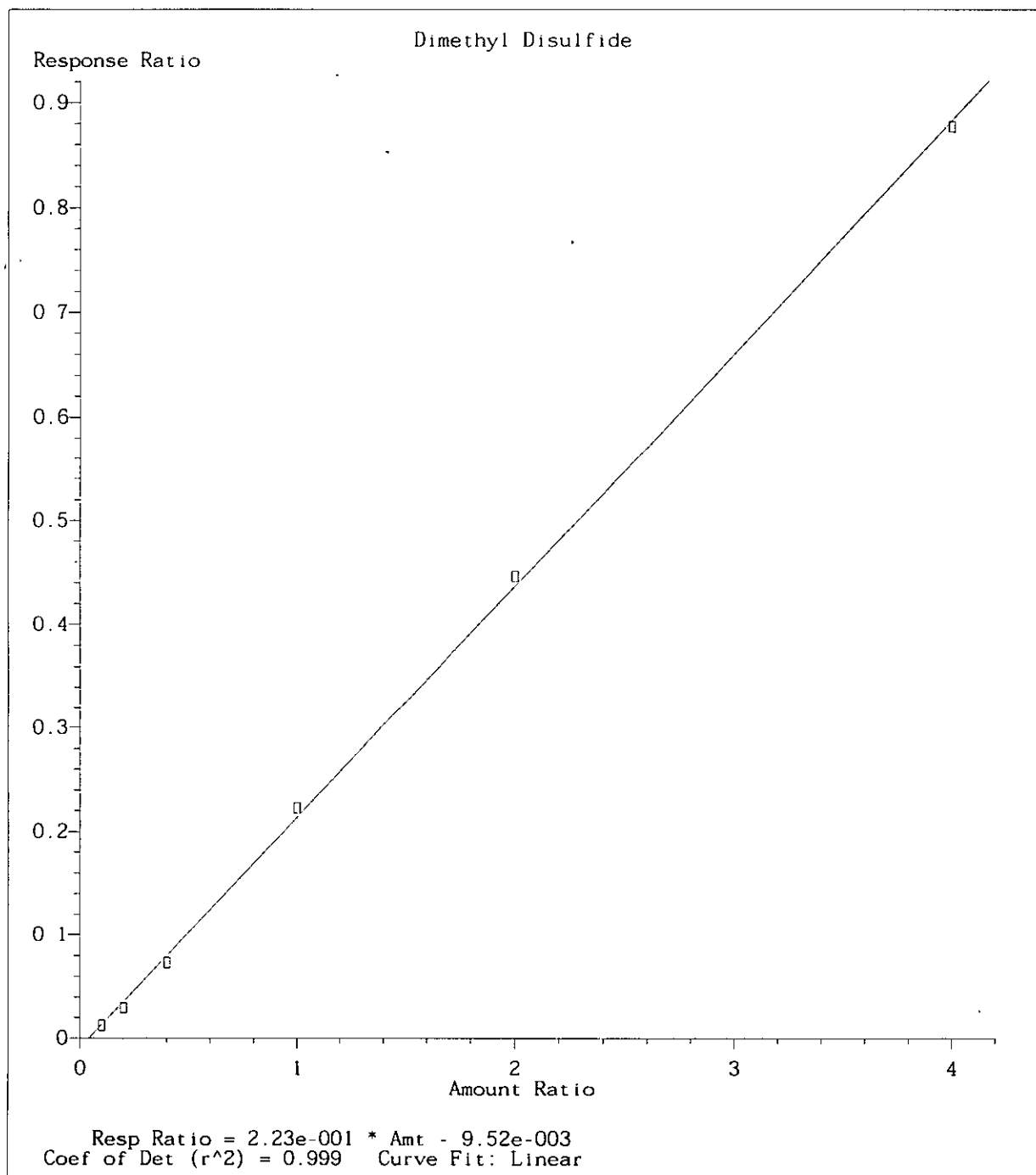
Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



Method Name. C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007

Data File : C:\MSDCHEM\1\data\081407\9M56020.D Vial: 14
 Acq On : 14 Aug 2007 18:01 Operator: MES
 Sample : WG247666-12 20ug/Kg ALT SOURCE Inst : HPMS9
 Misc : 7,1 STD21327 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 18:23:46 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:25:57 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	678415	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	565034	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	301255	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.34	111	193281	51.8067	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.62%			
42) 1,2-Dichloroethane-d4	7.99	65	190901	47.0849	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.16%			
56) Toluene-d8	10.40	98	693529	53.7923	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 107.58%			
77) p-Bromofluorobenzene	13.75	95	252690	51.6314	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 103.26%			

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	131957	28.8329	ug/kg	99
3) Chloromethane	2.03	50	94257	24.3326	ug/kg	100
4) Vinyl Chloride	2.15	62	63001	22.6484	ug/kg	98
5) 1,3-Butadiene	2.17	54	29098	17.2732	ug/kg	97
6) Bromomethane	2.68	94	46016	22.7213	ug/kg	99
7) Chloroethane	2.79	64	51153	22.8649	ug/kg	98
8) Trichlorofluoromethane	3.13	101	131147	18.6132	ug/kg	99
10) Isoprene	3.57	67	108819	21.3662	ug/kg	98
11) Acrolein	3.76	56	27274	98.8302	ug/kg	97
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	82317	22.2841	ug/kg	99
13) Acetone	3.88	43	26731	22.1989	ug/kg	98
14) 1,1-Dichloroethene	4.06	96	79525	23.7111	ug/kg	95
15) Tert-Butyl Alcohol	4.29	59	4068	11.5698	ug/kg#	12
16) Dimethyl Sulfide	4.32	62	85185	20.4126	ug/kg	98
17) Iodomethane	4.53	142	76714	15.8714	ug/kg	98
18) Methyl acetate	4.65	43	56529	22.4746	ug/kg	98
19) Methylene Chloride	4.84	84	80460	21.0158	ug/kg	97
20) Carbon Disulfide	4.82	76	217657	19.2415	ug/kg	100
21) Acrylonitrile	5.05	53	24512	21.1870	ug/kg	99
22) Methyl Tert Butyl Ether	5.13	73	199671	21.3899	ug/kg	99
23) trans-1,2-Dichloroethene	5.31	96	84306	22.0180	ug/kg	99
24) n-Hexane	5.45	57	128508	19.3156	ug/kg	99
26) Vinyl Acetate	6.00	43	133353	18.0861	ug/kg	99
27) 1,1-Dichloroethane	5.96	63	144792	21.1236	ug/kg	99
29) 2-Butanone	6.62	43	31987	20.2999	ug/kg	100
31) 2,2-Dichloropropane	6.76	77	123043	21.1050	ug/kg	98
32) cis-1,2-Dichloroethene	6.82	96	88801	22.8361	ug/kg	97
33) Chloroform	7.04	83	139101	20.9834	ug/kg	100
34) Bromochloromethane	7.26	128	42310	22.2657	ug/kg	97
37) 1,1,1-Trichloroethane	7.59	97	135894	21.4488	ug/kg	99
38) Cyclohexane	7.60	56	151504	20.9066	ug/kg	99
39) 1,1-Dichloropropene	7.79	75	112780	22.2113	ug/kg	99
40) Carbon Tetrachloride	7.91	117	119975	22.0527	ug/kg	100
43) 1,2-Dichloroethane	8.12	62	103063	20.2434	ug/kg	98
44) Benzene	8.13	78	312606	22.2115	ug/kg	99
45) Trichloroethene	8.92	130	100583	23.1705	ug/kg	98
46) Methylcyclohexane	9.00	83	141909	21.9446	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	75645	22.7913	ug/kg	96
48) Bromodichloromethane	9.43	83	97034	22.0509	ug/kg	99
50) Dibromomethane	9.49	93	44437	21.7569	ug/kg	99

(#) = qualifier out of range (m) = manual integration
 9M56020.D 826_SLST.M Tue Aug 14 18:23:48 2007

Data File : C:\MSDCHEM\1\data\081407\9M56020.D

Vial: 14

Acq On : 14 Aug 2007 18:01

Operator: MES

Sample : WG247666-12 20ug/Kg ALT SOURCE

Inst : HPMS9

Misc : 7,1 STD21327

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 18:23:46 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826_SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
51) 2-Chloroethyl Vinyl Ether	9.81	63	28978	22.3583	ug/kg	98
52) 4-Methyl-2-Pentanone	9.85	58	26600	22.7450	ug/kg	97
53) cis-1,3-Dichloropropene	10.10	75	115434	22.4664	ug/kg	99
54) Dimethyl Disulfide	10.31	79	53518	19.8020	ug/kg	97
57) Toluene	10.50	91	345281	22.3848	ug/kg	100
58) Ethyl Methacrylate	10.71	69	80640	22.0130	ug/kg	100
59) trans-1,3-Dichloropropene	10.71	75	100193	20.4229	ug/kg	99
60) 1,1,2-Trichloroethane	10.91	97	63518	22.4982	ug/kg	98
61) 2-Hexanone	10.92	43	48769	21.7985	ug/kg	95
62) 1,3-Dichloropropane	11.22	76	105148	21.9008	ug/kg	98
63) Tetrachloroethene	11.31	164	75021	22.2327	ug/kg	99
64) Dibromochloromethane	11.54	129	76674	22.1124	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	64725	22.4065	ug/kg	99
66) 1-Chlorohexane	11.99	91	115748	23.2880	ug/kg	97
67) Chlorobenzene	12.30	112	235942	21.7084	ug/kg	99
68) 1,1,1,2-Tetrachloroethane	12.36	131	80669	22.0744	ug/kg	99
69) Ethylbenzene	12.37	106	126758	22.7609	ug/kg	99
70) m-,p-Xylene	12.46	106	305266	45.5324	ug/kg	99
71) o-Xylene	13.00	106	142349	22.8909	ug/kg	97
72) Styrene	13.04	104	234758	23.6740	ug/kg	97
73) Bromoform	13.46	173	43146	21.0723	ug/kg	100
74) Isopropylbenzene	13.44	105	339719	20.8349	ug/kg	100
76) 1,1,2,2-Tetrachloroethane	13.65	83	66147	22.3085	ug/kg	98
78) 1,2,3-Trichloropropane	13.83	110	24913	22.4278	ug/kg	99
79) trans-1,4-Dichloro-2-Butene	13.91	53	24880	19.5248	ug/kg	98
80) n-Propylbenzene	13.94	91	447693	22.6445	ug/kg	99
81) Bromobenzene	14.00	156	98567	22.7224	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	310771	23.2380	ug/kg	99
83) 2-Chlorotoluene	14.17	91	294314	21.6357	ug/kg	98
84) 4-Chlorotoluene	14.23	91	267269	21.7605	ug/kg	99
85) a-Methylstyrene	14.52	118	169356	21.1204	ug/kg	99
86) tert-Butylbenzene	14.58	134	71578	23.2709	ug/kg	97
87) 1,2,4-Trimethylbenzene	14.63	105	325599	22.9915	ug/kg	99
88) sec-Butylbenzene	14.84	105	411735	22.9304	ug/kg	99
89) p-Isopropyltoluene	15.02	119	348175	22.3343	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	182921	21.7855	ug/kg	99
91) 1,4-Dichlorobenzene	15.28	146	185689	21.3083	ug/kg	100
92) n-Butylbenzene	15.53	91	313733	22.5622	ug/kg	100
93) 1,2-Dichlorobenzene	15.74	146	165305	21.5530	ug/kg	100
94) 1,2-Dibromo-3-Chloropropane	16.72	157	15040	21.2806	ug/kg	99
95) 1,2,4-Trichlorobenzene	17.84	180	109465	21.3963	ug/kg	99
96) Hexachlorobutadiene	18.02	225	56810	21.2446	ug/kg	96
97) Naphthalene	18.17	128	250056	22.0854	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	99292	21.0720	ug/kg	100

(#) = qualifier out of range (m) = manual integration

9M56020.D 826_SLST.M Tue Aug 14 18:23:48 2007

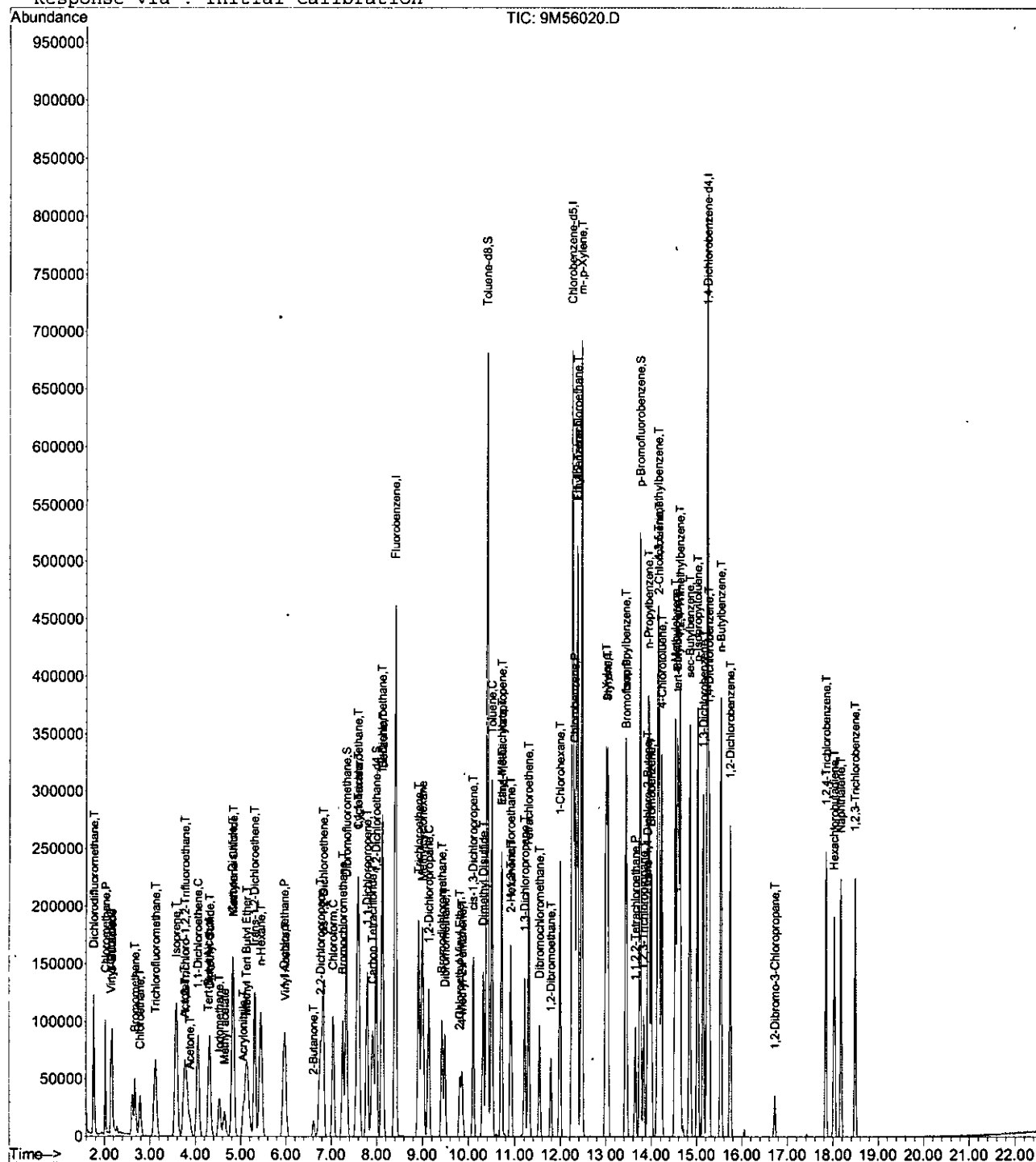
Page 2

Data File : C:\MSDCHEM\1\data\081407\9MS56020.D
Acq On : 14 Aug 2007 18:01
Sample : WG247666-12 20ug/Kg ALT SOURCE
Misc : 7,1 STD21327
MS Integration Params: RTEINT.P
Quant Time: Aug 14 18:23 2007

Vial: 14
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration



9M56020.D 826 SLST.M Tue Aug 14 18:23:49 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\091007\11M45323.D

Vial: 2

Acq On : 10 Sep 2007 14:00

Operator: MES

Sample : WG249715-02 50ug/L STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 10 14:22:30 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev.(Min)
1) Fluorobenzene	10.381	96	930117	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	615342	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	322653	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	209588	21.8224556	ug/L	0.00
Spiked Amount 25.000	Range 86 -	118	Recovery	=	87.29%	
42) 1,2-Dichloroethane-d4	9.999	65	271627	21.5776770	ug/L	0.01
Spiked Amount 25.000	Range 80 -	120	Recovery	=	86.31%	
56) Toluene-d8	12.253	98	762323	23.3038789	ug/L	0.01
Spiked Amount 25.000	Range 88 -	110	Recovery	=	93.22%	
77) p-Bromofluorobenzene	15.406	95	302795	23.6687083	ug/L	0.00
Spiked Amount 25.000	Range 86 -	115	Recovery	=	94.67%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	703797	50.4885	ug/L	99
3) Chloromethane	3.52	50	613795	47.3744	ug/L	99
4) Vinyl Chloride	3.73	62	610776	49.5522	ug/L	98
5) 1,3-Butadiene	3.78	54	532314	62.3922	ug/L	97
6) Bromomethane	4.61	94	305221	47.1912	ug/L	100
7) Chloroethane	4.77	64	400087	48.9063	ug/L	99
8) Trichlorofluoromethane	5.26	101	1005126	50.6346	ug/L	98
10) Isoprene	5.82	67	621653	48.5039	ug/L	97
11) Acrolein	5.99	56	73671	215.9308	ug/L	97
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	427087	49.6582	ug/L	99
13) Acetone	6.09	43	58920	40.2372	ug/L	98
14) 1,1-Dichloroethene	6.33	61	919308	52.2605	ug/L	97
16) Dimethyl Sulfide	6.58	62	617225	47.7789	ug/L	96
17) Iodomethane	6.81	142	476885	54.4705	ug/L	96
18) Methyl acetate	6.83	43	212413	53.5749	ug/L	98
19) Methylene Chloride	7.07	84	426240	44.8170	ug/L	92
20) Carbon Disulfide	7.12	76	1250813	45.8337	ug/L	99
21) Acrylonitrile	7.24	53	98415	43.1428	ug/L	98
22) Methyl Tert Butyl Ether	7.30	73	1021538	47.4521	ug/L	100
23) trans-1,2-Dichloroethene	7.53	96	443578	47.6733	ug/L	97
24) n-Hexane	7.62	57	725096	48.7409	ug/L	99
26) Vinyl Acetate	8.09	43	571314	41.4778	ug/L	98
27) 1,1-Dichloroethane	8.11	63	1039689	49.3997	ug/L	99
29) 2-Butanone	8.63	43	90225	46.1842	ug/L	95
31) 2,2-Dichloropropane	8.86	77	943270	49.5850	ug/L	98
32) cis-1,2-Dichloroethene	8.91	96	456774	47.9265	ug/L	94
33) Chloroform	9.12	83	919380	49.6819	ug/L	100
34) Bromochloromethane	9.34	130	229958	46.4947	ug/L	93
37) 1,1,1-Trichloroethane	9.63	97	891680	51.1771	ug/L	99
38) Cyclohexane	9.67	56	917537	48.9580	ug/L	96
39) 1,1-Dichloropropene	9.82	75	668708	48.6096	ug/L	99
40) Carbon Tetrachloride	9.96	117	741583	47.4540	ug/L	99
43) 1,2-Dichloroethane	10.10	62	767255	49.4201	ug/L	100
44) Benzene	10.15	78	1663927	46.3290	ug/L	99
45) Trichloroethene	10.87	130	425178	47.1528	ug/L	98
46) Methylcyclohexane	10.96	83	654284	47.7463	ug/L	97
47) 1,2-Dichloropropane	11.06	63	483594	48.1335	ug/L	96
49) Bromodichloromethane	11.34	83	659194	50.7889	ug/L	100
50) Dibromomethane	11.42	93	201158	49.2738	ug/L	98
51) 2-Chloroethyl Vinyl Ether	11.62	63	207990	45.1778	ug/L	100

(#) = qualifier out of range (m) = manual integration

11M45323.D 8260WT.M Mon Sep 10 14:22:32 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\091007\11M45323.D

Vial: 2

Acq On : 10 Sep 2007 14:00

Operator: MES

Sample : WG249715-02 50ug/L STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 10 14:22:30 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	98775	45.3307	ug/L	97
53) cis-1,3-Dichloropropene	11.94	75	711663	49.0543	ug/L	99
54) Dimethyl Disulfide	12.18	79	379972	48.9021	ug/L	98
57) Toluene	12.35	91	1749970	50.3773	ug/L	100
58) Ethyl Methacrylate	12.43	69	325941	47.7602	ug/L	94
59) trans-1,3-Dichloropropene	12.50	75	649209	53.9001	ug/L	98
60) 1,1,2-Trichloroethane	12.70	97	260710	47.6917	ug/L	99
61) 2-Hexanone	12.65	43	152557	53.3114	ug/L #	99
62) 1,3-Dichloropropane	12.99	76	513192	50.5167	ug/L	95
63) Tetrachloroethene	13.11	164	318141	47.1178	ug/L	99
64) Dibromochloromethane	13.35	129	382126	49.3860	ug/L	99
65) 1,2-Dibromoethane	13.59	107	255834	50.4468	ug/L	99
66) 1-Chlorohexane	13.68	91	584432	48.6659	ug/L	96
67) Chlorobenzene	14.06	112	1177985	50.4012	ug/L	99
68) 1,1,1,2-Tetrachloroethane	14.09	131	420954	54.6382	ug/L	98
69) Ethylbenzene	14.09	106	627929	51.0296	ug/L	97
70) m-,p-Xylene	14.18	106	1607577	103.2044	ug/L	99
71) o-Xylene	14.69	106	751241	50.2655	ug/L	96
72) Styrene	14.72	104	1257434	52.0169	ug/L	95
73) Bromoform	15.18	173	188971	48.3322	ug/L	99
74) Isopropylbenzene	15.09	105	1965061	51.2560	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	246061	49.8969	ug/L	100
78) 1,2,3-Trichloropropane	15.46	110	91186	47.0463	ug/L	100
79) trans-1,4-Dichloro-2-Buten	15.50	53	124326	51.5434	ug/L	95
80) n-Propylbenzene	15.56	91	2472373	53.4460	ug/L	99
81) Bromobenzene	15.68	156	416590	52.5178	ug/L	98
82) 1,3,5-Trimethylbenzene	15.74	105	1763219	53.4388	ug/L	98
83) 2-Chlorotoluene	15.81	91	1542089	49.4532	ug/L	99
84) 4-Chlorotoluene	15.86	91	1666505	55.2299	ug/L	99
85) a-Methylstyrene	16.11	118	924864	53.6816	ug/L	98
86) tert-Butylbenzene	16.16	134	303908	52.4202	ug/L	93
87) 1,2,4-Trimethylbenzene	16.21	105	1826893	53.4391	ug/L	100
88) sec-Butylbenzene	16.42	105	1999390	53.2953	ug/L	99
89) p-Isopropyltoluene	16.56	119	1735595	53.0004	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	840723	50.5464	ug/L	98
91) 1,4-Dichlorobenzene	16.86	146	848406	51.5803	ug/L	97
92) n-Butylbenzene	17.05	91	1601441	51.7175	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	725617	50.6979	ug/L	98
94) 1,2-Dibromo-3-Chloropropan	18.23	75	56073	53.6415	ug/L	87
95) 1,2,4-Trichlorobenzene	19.29	180	517135	47.6830	ug/L	99
96) Hexachlorobutadiene	19.44	225	188243	50.1752	ug/L	98
97) Naphthalene	19.64	128	880908	47.0850	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	419846	48.0297	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45323.D 8260WT.M Mon Sep 10 14:22:32 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\091007\11M45323.D

Vial: 2

Acq On : 10 Sep 2007 14:00

Operator: MES

Sample : WG249715-02 50ug/L STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 10 14:22 2007

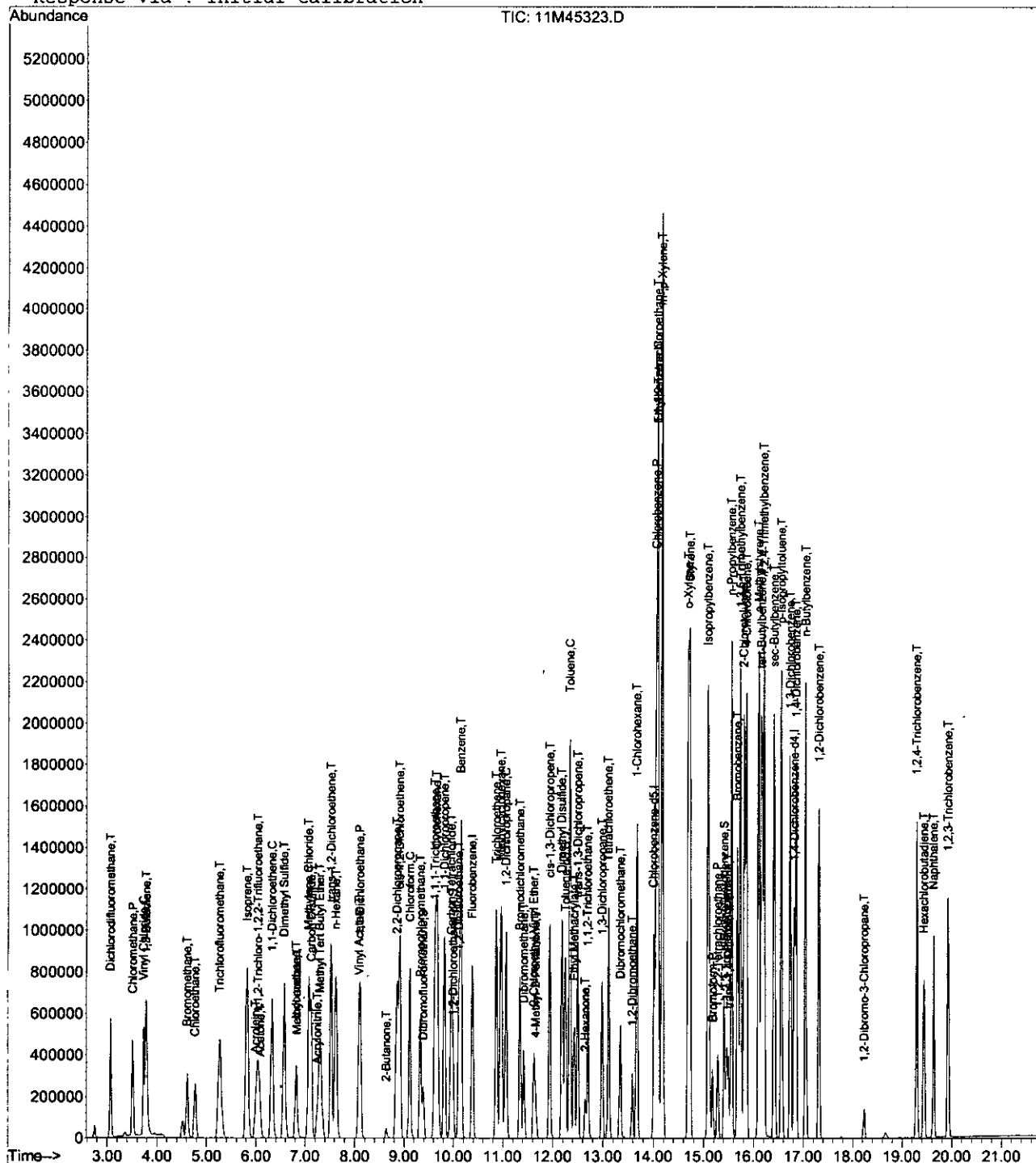
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



11M45323.D 8260WT.M

Mon Sep 10 14:22:33 2007

Page 3

Data File : C:\MSDCHEM\1\data\091407\9M56752.D
 Acq On : 14 Sep 2007 10:03
 Sample : WG250096-02 50ug/Kg SOIL STD 8260
 Misc : 7,1 STD21828
 MS Integration Params: RTEINT.P
 Quant Time: Sep 14 10:26:15 2007

Vial: 3
 Operator: MES
 Inst : HPMS9
 Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Thu Aug 30 14:04:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	634211	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	530115	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	302982	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.34	111	187493	53.7580	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.52%	
42) 1,2-Dichloroethane-d4	7.99	65	179682	47.4067	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.82%	
56) Toluene-d8	10.40	98	666867	55.1314	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	110.26%	
77) p-Bromofluorobenzene	13.75	95	250831	50.9594	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	101.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.76	85	184697	43.1695	ug/kg 97
3) Chloromethane	2.02	50	151679	41.8853	ug/kg 99
4) Vinyl Chloride	2.14	62	111466	42.8642	ug/kg 98
5) 1,3-Butadiene	2.17	54	68155	52.7420	ug/kg 100
6) Bromomethane	2.67	94	81708	43.1569	ug/kg 99
7) Chloroethane	2.79	64	98443	47.0700	ug/kg 99
8) Trichlorofluoromethane	3.13	101	298024	45.2455	ug/kg 99
9) Diethyl ether	3.57	59	223737	91.7582	ug/kg 94
10) Isoprene	3.57	67	241199	50.6593	ug/kg 94
11) Acrolein	3.76	56	33617	130.3051	ug/kg 100
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	175678	50.8727	ug/kg# 56
13) Acetone	3.88	43	50534	50.0489	ug/kg 94
14) 1,1-Dichloroethene	4.05	96	166391	53.0689	ug/kg 88
15) Tert-Butyl Alcohol	4.26	59	75002	228.1812	ug/kg 93
16) Dimethyl Sulfide	4.31	62	191059	48.9739	ug/kg 90
17) Iodomethane	4.53	142	275838	61.0460	ug/kg 95
18) Methyl acetate	4.64	43	140348	59.6883	ug/kg 93
19) Methylene Chloride	4.84	84	163216	47.8183	ug/kg 87
20) Carbon Disulfide	4.81	76	507820	48.0218	ug/kg 99
21) Acrylonitrile	5.05	53	60005	55.4805	ug/kg 96
22) Methyl Tert Butyl Ether	5.13	73	445560	51.0578	ug/kg 99
23) trans-1,2-Dichloroethene	5.31	96	189961	53.0696	ug/kg 88
24) n-Hexane	5.44	57	289878	46.6075	ug/kg 98
25) Diisopropyl ether	5.85	45	888049	83.6117	ug/kg 97
26) Vinyl Acetate	6.00	43	218703	31.7292	ug/kg 96
27) 1,1-Dichloroethane	5.95	63	296509	46.2725	ug/kg 99
28) Ethyl-Tert-Butyl ether	6.43	59	881581	90.9575	ug/kg 98
29) 2-Butanone	6.60	43	75941	51.5535	ug/kg 92
30) Propionitrile	6.68	54	38659	106.6852	ug/kg 98
31) 2,2-Dichloropropane	6.76	77	253688	46.5469	ug/kg 95
32) cis-1,2-Dichloroethene	6.82	96	190405	52.3773	ug/kg 90
33) Chloroform	7.04	83	287099	46.3274	ug/kg 100
34) Bromochloromethane	7.26	128	96894	54.5447	ug/kg 88
35) Tetrahydrofuran	7.34	42	80082	93.6430	ug/kg 88
37) 1,1,1-Trichloroethane	7.58	97	282381	47.6760	ug/kg 97
38) Cyclohexane	7.59	56	325144	47.9951	ug/kg 95
39) 1,1-Dichloropropene	7.79	75	236498	49.8232	ug/kg 94
40) Carbon Tetrachloride	7.91	117	265420	52.1876	ug/kg 100
41) Tert-Amyl-Methyl ether	7.97	73	749953	97.0737	ug/kg 98
43) 1,2-Dichloroethane	8.11	62	213919	44.9460	ug/kg 99

(#) = qualifier out of range (m) = manual integration
 9M56752.D 826_SLST.M Fri Sep 14 10:26:16 2007

Data File : C:\MSDCHEM\1\data\091407\9M56752.D

Vial: 3

Acq On : 14 Sep 2007 10:03

Operator: MES

Sample : WG250096-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21828

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 14 10:26:15 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	665921	50.6133	ug/kg	99
45) Trichloroethene	8.92	130	226071	55.7080	ug/kg	97
46) Methylcyclohexane	9.00	83	322923	53.4170	ug/kg	95
47) 1,2-Dichloropropane	9.13	63	157748	50.8411	ug/kg	95
48) Bromodichloromethane	9.42	83	206222	50.1303	ug/kg	99
49) 1,4-Dioxane	9.48	88	5608	241.8628	ug/kg	92
50) Dibromomethane	9.48	93	98356	51.5128	ug/kg	97
51) 2-Chloroethyl Vinyl Ether	9.81	63	55385	45.7113	ug/kg	98
52) 4-Methyl-2-Pentanone	9.85	58	67074	61.3508	ug/kg	95
53) cis-1,3-Dichloropropene	10.10	75	252035	52.4714	ug/kg	98
54) Dimethyl Disulfide	10.31	79	136997	50.5160	ug/kg	95
57) Toluene	10.50	91	749868	51.8167	ug/kg	100
58) Ethyl Methacrylate	10.70	69	199391	58.0147	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	232213	50.4512	ug/kg	95
60) 1,1,2-Trichloroethane	10.91	97	140263	52.9540	ug/kg	98
61) 2-Hexanone	10.92	43	117246	55.8579	ug/kg	94
62) 1,3-Dichloropropane	11.21	76	226191	50.2156	ug/kg	88
63) Tetrachloroethene	11.30	164	170246	53.7762	ug/kg	96
64) Dibromochloromethane	11.54	129	183847	56.5130	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	148091	54.6430	ug/kg	100
66) 1-Chlorohexane	11.99	91	258228	55.3765	ug/kg	90
67) Chlorobenzene	12.30	112	524339	51.4207	ug/kg	99
68) 1,1,1,2-Tetrachloroethane	12.35	131	186683	54.4491	ug/kg	99
69) Ethylbenzene	12.37	106	277003	53.0156	ug/kg	95
70) m-,p-Xylene	12.46	106	681844	108.4006	ug/kg	95
71) o-Xylene	13.00	106	321293	55.0700	ug/kg	95
72) Styrene	13.04	104	530203	56.9900	ug/kg	94
73) Bromoform	13.46	173	112061	58.3351	ug/kg	100
74) Isopropylbenzene	13.44	105	819669	53.5816	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	152475	51.1301	ug/kg	100
78) 1,2,3-Trichloropropane	13.83	110	59350	53.1250	ug/kg	93
79) trans-1,4-Dichloro-2-Butene	13.91	53	64988	50.7091	ug/kg	93
80) n-Propylbenzene	13.94	91	1002468	50.4163	ug/kg	98
81) Bromobenzene	14.00	156	222943	51.1014	ug/kg	91
82) 1,3,5-Trimethylbenzene	14.14	105	700016	52.0456	ug/kg	97
83) 2-Chlorotoluene	14.17	91	652544	47.6966	ug/kg	96
84) 4-Chlorotoluene	14.22	91	593926	48.0807	ug/kg	96
85) a-Methylstyrene	14.52	118	440339	54.6017	ug/kg	98
86) tert-Butylbenzene	14.58	134	164329	53.1210	ug/kg	92
87) 1,2,4-Trimethylbenzene	14.63	105	710137	49.8590	ug/kg	98
88) sec-Butylbenzene	14.84	105	925794	51.2657	ug/kg	98
89) p-Isopropyltoluene	15.02	119	835307	53.2768	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	429433	50.8530	ug/kg	98
91) 1,4-Dichlorobenzene	15.27	146	440362	50.2446	ug/kg	96
92) n-Butylbenzene	15.53	91	709868	50.7593	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	398063	51.6048	ug/kg	97
94) 1,2-Dibromo-3-Chloropropan	16.72	157	44258	62.2650	ug/kg	87
95) 1,2,4-Trichlorobenzene	17.84	180	274682	53.3840	ug/kg	100
96) Hexachlorobutadiene	18.02	225	134364	49.9601	ug/kg	96
97) Naphthalene	18.17	128	686296	60.2693	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	254738	53.7529	ug/kg	100

(#) = qualifier out of range (m) = manual integration

9M56752.D 826_SLST.M Fri Sep 14 10:26:17 2007

Page 2

Data File : C:\MSDchem\1\data\091407\9M56752.D

Vial: 3

Acq On : 14 Sep 2007 10:03

Operator: MES

Sample : WG250096-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

MISC : 7,1 STD21828

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 14 10:26 2007

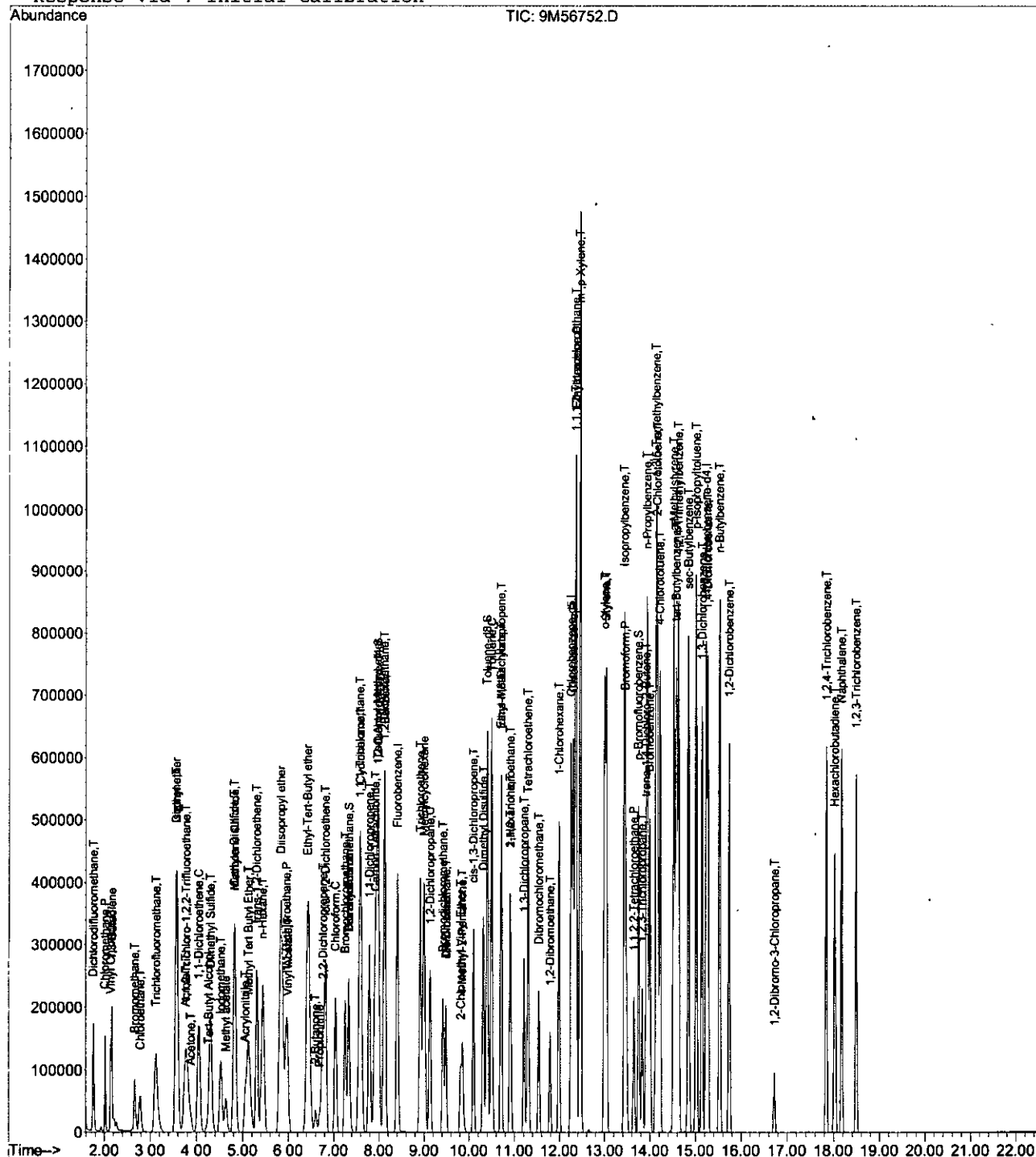
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration



9M56752.D 826 SLST.M

Fri Sep 14 10:26:17 2007

Page 3

2.1.1.5 Raw QC Data

BFB

Data File : C:\MSDCHEM\1\DATA\081407\9M56007.D

Vial: 3

Acq On : 14 Aug 2007 11:19

Operator: MES

Sample : WG247666-01 50NG BFB STD 8260

Inst : HPMS9

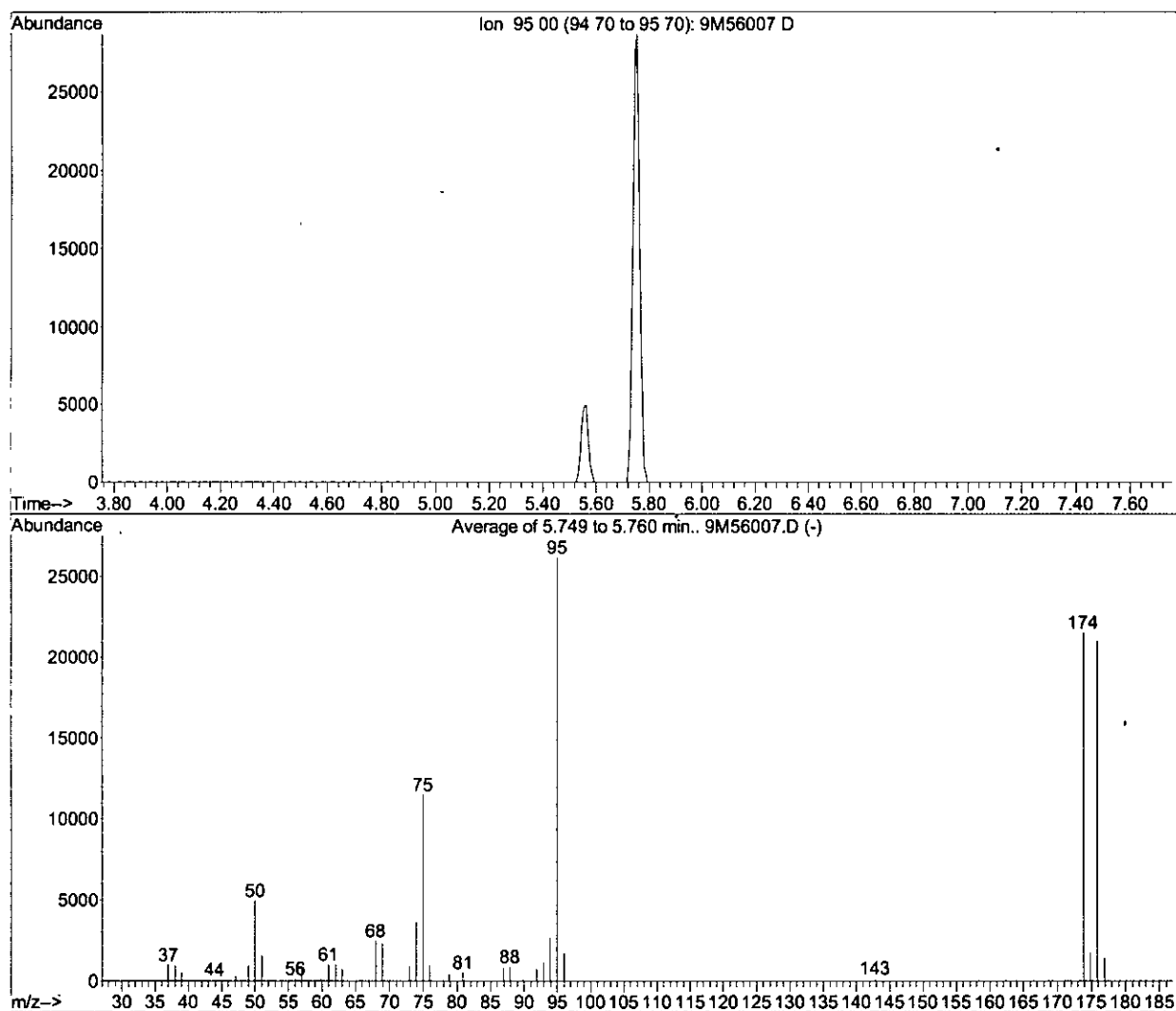
Misc : 7,1 STD21056

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)

Title :



AutoFind: Scans 124, 125, 126; Background Corrected with Scan 116

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	4941	PASS
75	95	30	60	43.9	11486	PASS
95	95	100	100	100.0	26157	PASS
96	95	5	9	6.5	1702	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.6	21613	PASS
175	174	5	9	7.9	1704	PASS
176	174	95	101	97.6	21090	PASS
177	176	5	9	6.6	1386	PASS

9M56007.D BFB.M Tue Aug 14 11:35:30 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45206.D

Vial: 1

Acq On : 5 Sep 2007 13:28

Operator: MES

Sample : WG249372-01 50ng BFB STD 8260

Inst : HPMS11

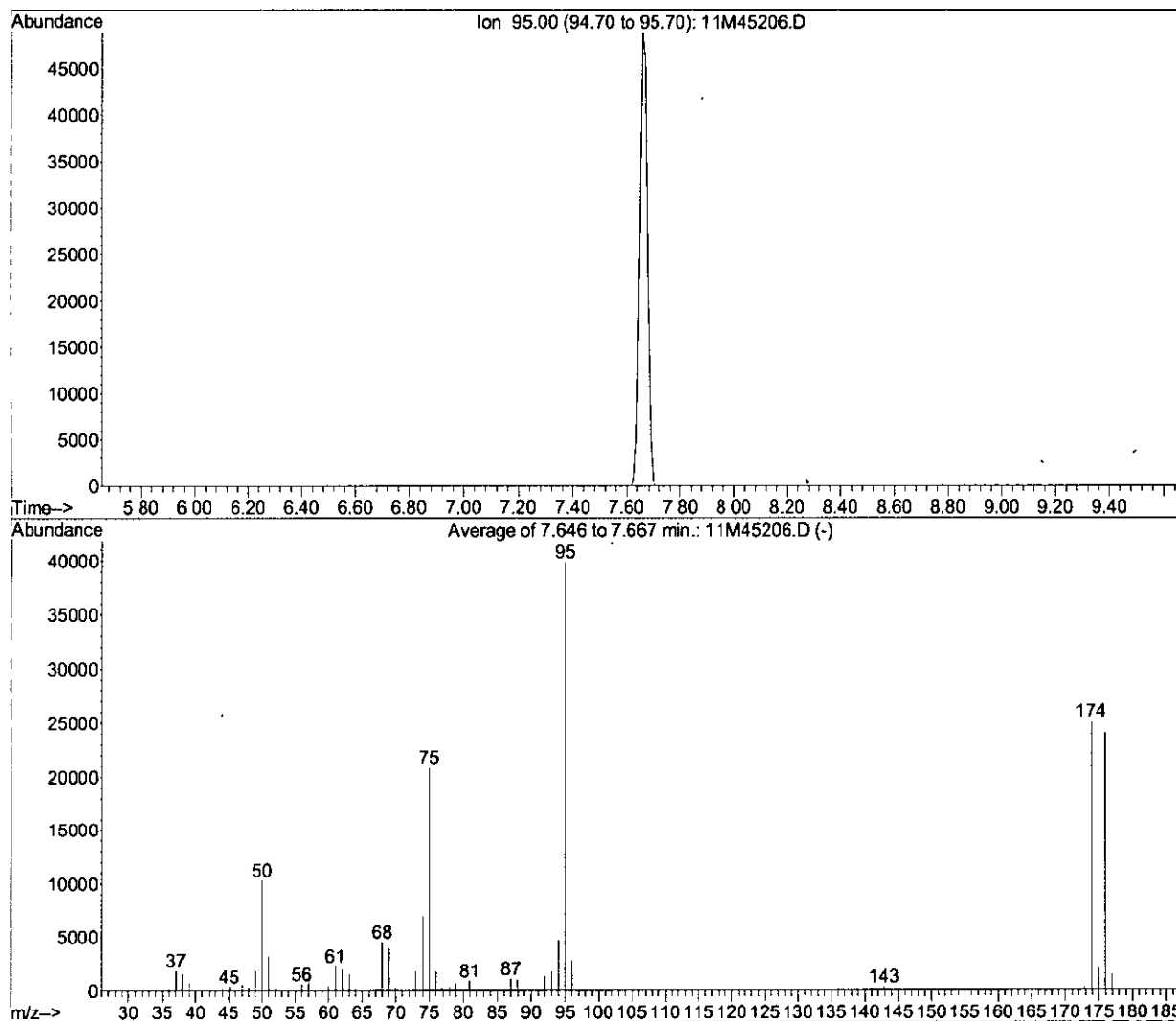
Misc : 1,1 STD21685

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)

Title :



AutoFind: Scans 152, 153, 154; Background Corrected with Scan 147

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.8	10280	PASS
75	95	30	60	52.3	20827	PASS
95	95	100	100	100.0	39826	PASS
96	95	5	9	7.0	2788	PASS
173	174	0.00	2	1.0	244	PASS
174	95	50	100	62.9	25032	PASS
175	174	5	9	8.0	1992	PASS
176	174	95	101	96.0	24027	PASS
177	176	5	9	6.3	1510	PASS

11M45206.D BFB.M Wed Sep 05 14:29:04 2007

BFB

Data File : C:\MSDCHEM\1\DATA\091007\11M45322.D

Vial: 1

Acq On : 10 Sep 2007 13:37

Operator: MES

Sample : WG249715-01 50ng BFB STD 8260

Inst : HPMS11

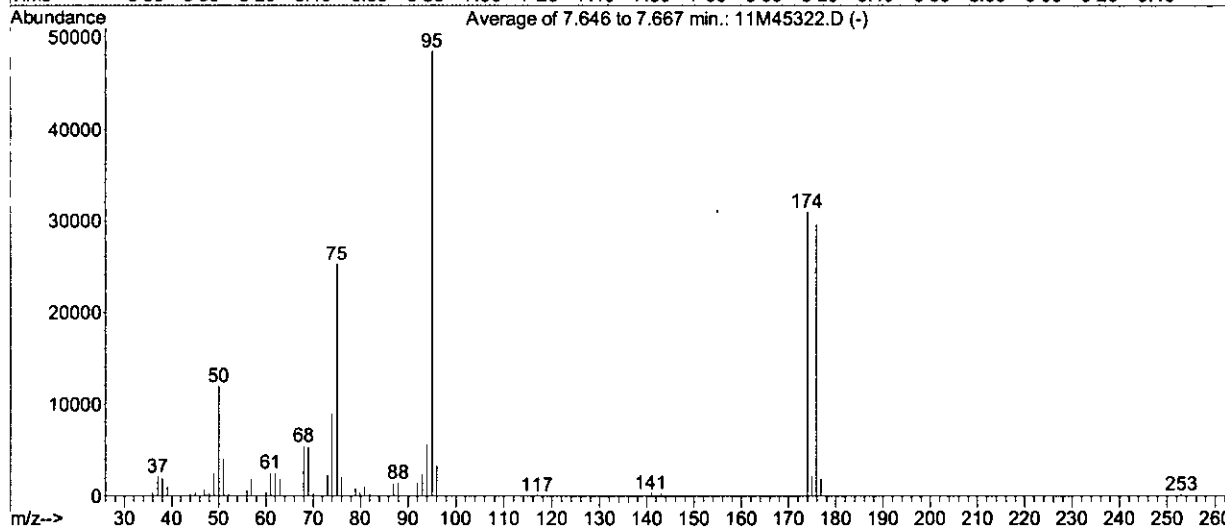
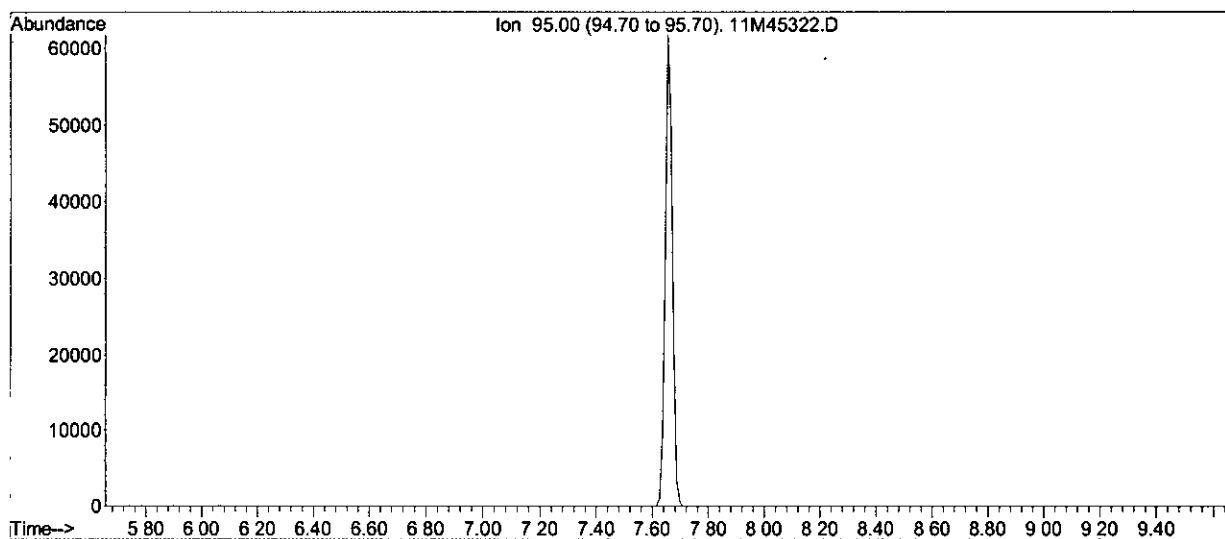
Misc : 1,1 STD21685

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)

Title :



AutoFind: Scans 152, 153, 154; Background Corrected with Scan 147

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.7	11952	PASS
75	95	30	60	52.1	25194	PASS
95	95	100	100	100.0	48402	PASS
96	95	5	9	6.8	3296	PASS
173	174	0.00	2	0.4	132	PASS
174	95	50	100	63.9	30949	PASS
175	174	5	9	7.1	2191	PASS
176	174	95	101	95.5	29545	PASS
177	176	5	9	6.2	1828	PASS

11M45322.D BFB.M

Mon Sep 10 14:20:27 2007

Data File : C:\MSDCHEM\1\DATA\091407\9M56750.D

Vial: 1

Acq On : 14 Sep 2007 9:07

Operator: MES

Sample : WG250096-01 50NG BFB STD 8260

Inst : HPMS9

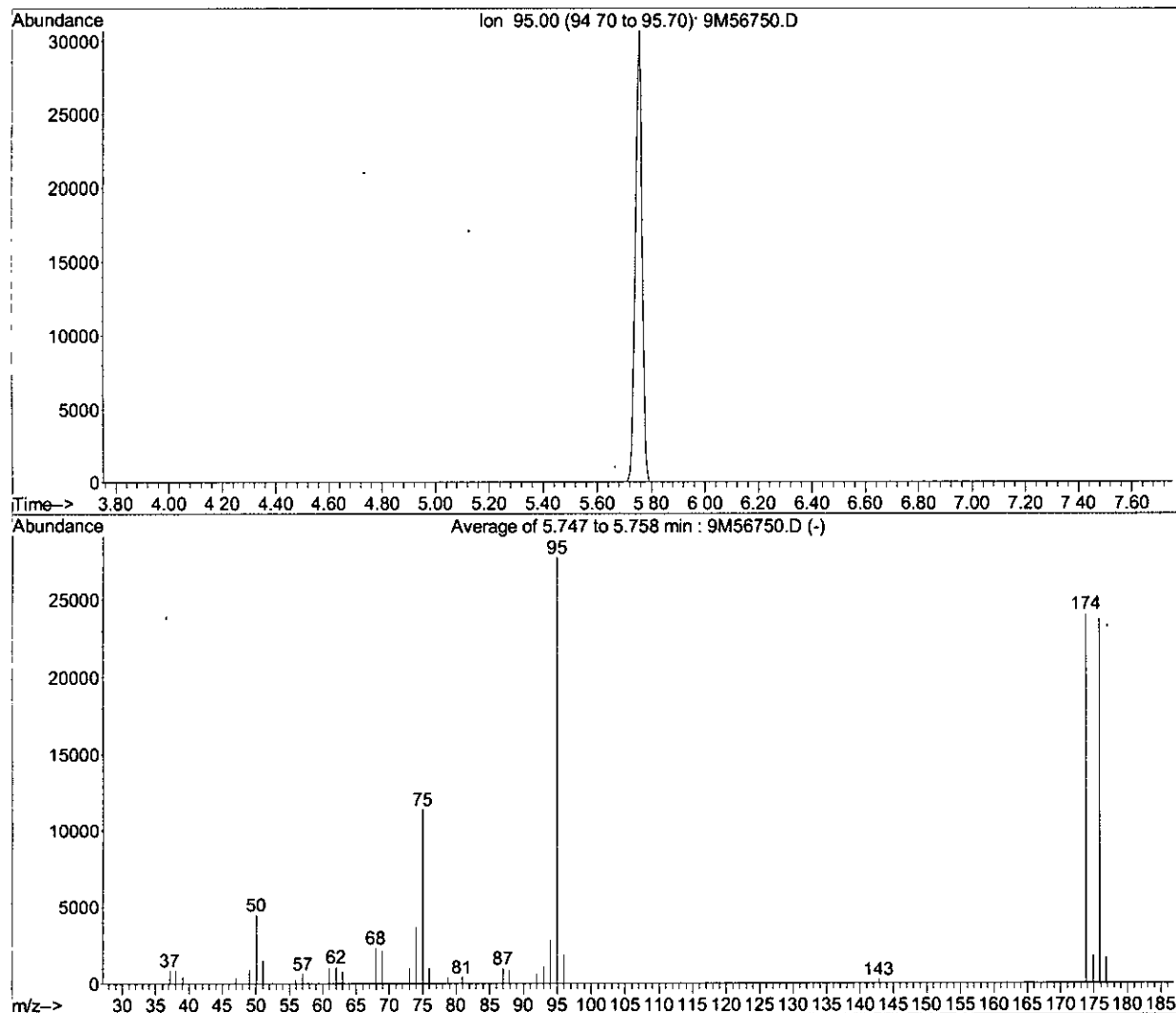
Misc : 7,1 STD21685

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)

Title :



AutoFind: Scans 123, 124, 125; Background Corrected with Scan 114

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.1	4459	PASS
75	95	30	60	41.2	11433	PASS
95	95	100	100	100.0	27728	PASS
96	95	5	9	6.9	1922	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	86.7	24029	PASS
175	174	5	9	7.5	1804	PASS
176	174	95	101	98.8	23738	PASS
177	176	5	9	7.2	1698	PASS

9M56750.D BFB.M

Fri Sep 14 09:19:43 2007

Data File : C:\MSDCHEM\1\DATA\091007\11M45325.D

Vial: 4

Acq On : 10 Sep 2007 15:01

Operator: MES

Sample : WG249716-01 VBLK0910 BLANK 8260

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 10 15:22:55 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	853661	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	565846	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	304424	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.388	111	197909	22.4519926	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	89.81%		
42) 1,2-Dichloroethane-d4	9.988	65	270545	23.4165767	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	93.67%		
56) Toluene-d8	12.242	98	718183	23.8749582	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	95.50%		
77) p-Bromofluorobenzene	15.406	95	290288	24.0498162	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	96.20%		
Target Compounds						
3) Chloromethane	3.56	50	1527	0.1284	ug/L #	61
19) Methylene Chloride	7.07	84	6301	Below Cal		89
95) 1,2,4-Trichlorobenzene	19.29	180	1056	0.2584	ug/L	81
97) Naphthalene	19.62	128	2805	0.3037	ug/L #	70
98) 1,2,3-Trichlorobenzene	19.91	180	1391	0.1838	ug/L #	66

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45325.D 8260WT.M Mon Sep 10 15:22:59 2007

Data File : C:\MSDchem\1\DATA\091007\11M45325.D

Vial: 4

Acq On : 10 Sep 2007 15:01

Operator: MES

Sample : WG249716-01 VBLK0910 BLANK 8260

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 10 15:22 2007

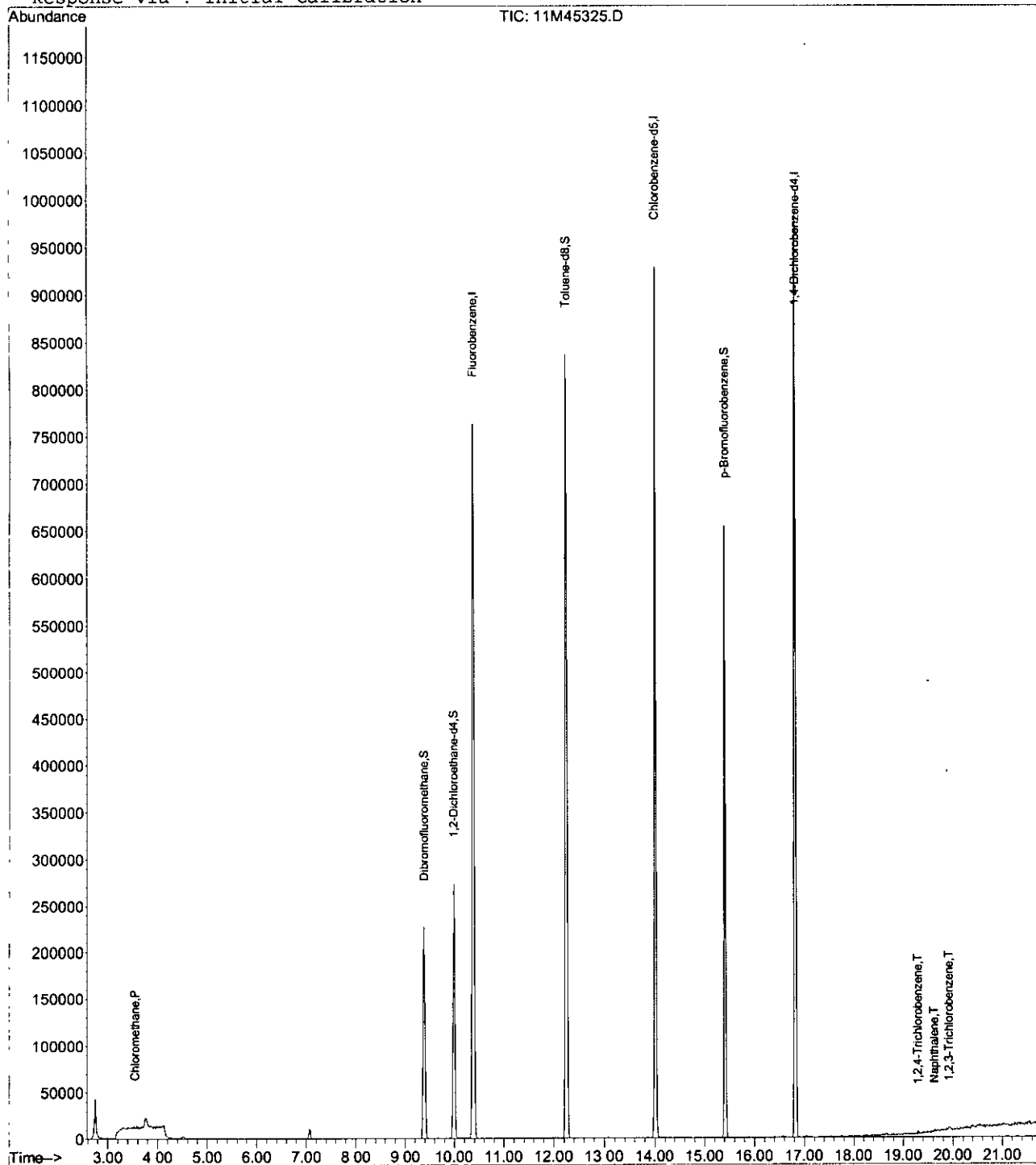
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

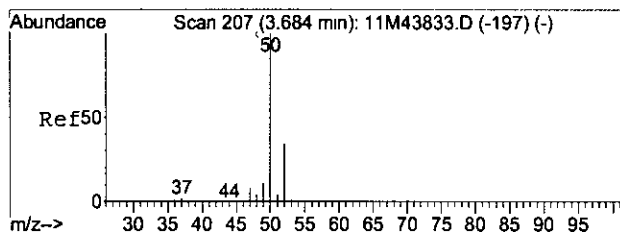
Response via : Initial Calibration



11M45325.D 8260WT.M

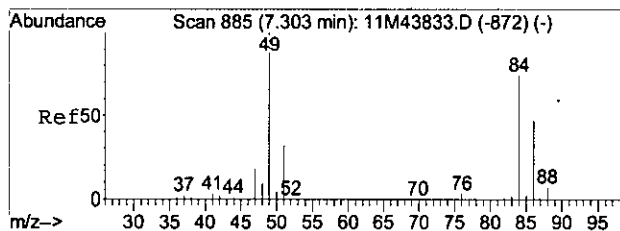
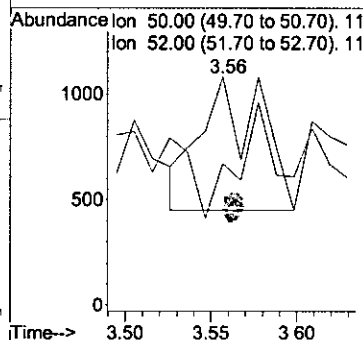
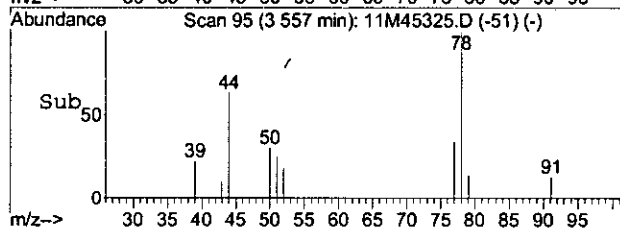
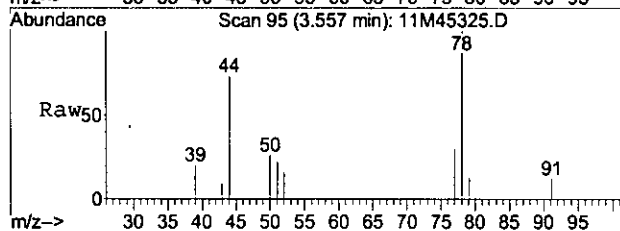
Mon Sep 10 15:22:59 2007

Page 2



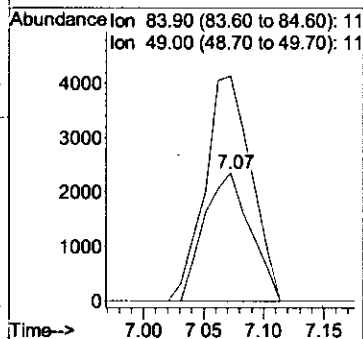
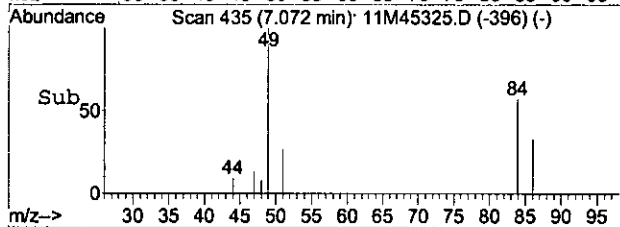
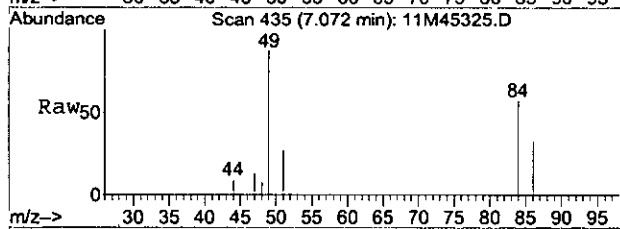
#3
Chloromethane
Concen: 0.1284 ug/L
RT: 3.56 min Scan# 95
Delta R.T. 0.05 min
Lab File: 11M45325.D
Acq: 10 Sep 2007 15:01

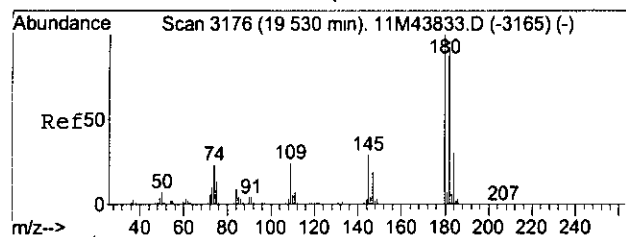
Tgt Ion: 50 Resp: 1527
Ion Ratio Lower Upper
50 100
52 56.2 20.5 47.7#



#19
Methylene Chloride
Concen: Below Cal
RT: 7.07 min Scan# 435
Delta R.T. 0.00 min
Lab File: 11M45325.D
Acq: 10 Sep 2007 15:01

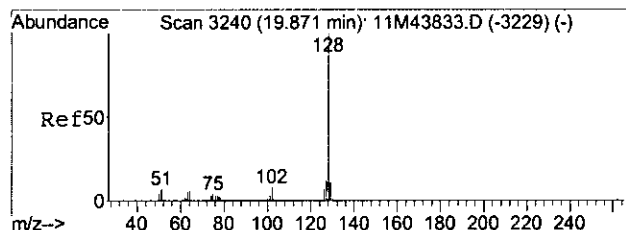
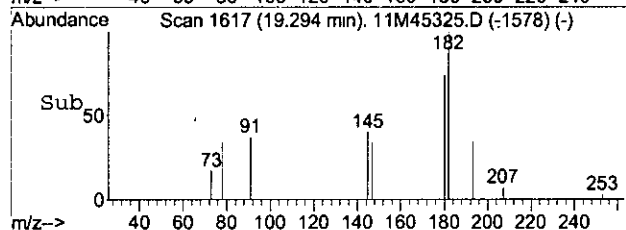
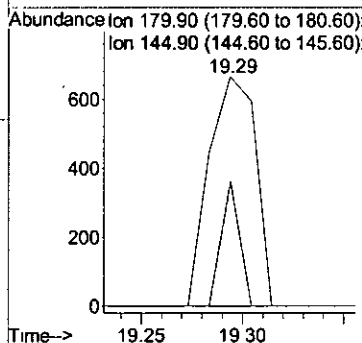
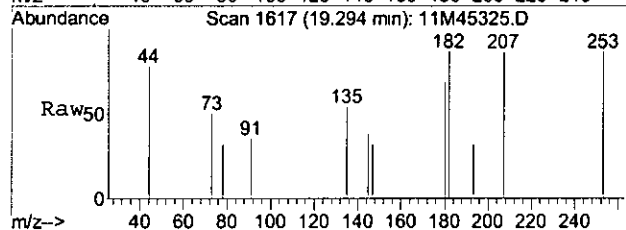
Tgt Ion: 84 Resp: 6301
Ion Ratio Lower Upper
84 100
49 175.3 96.7 225.5





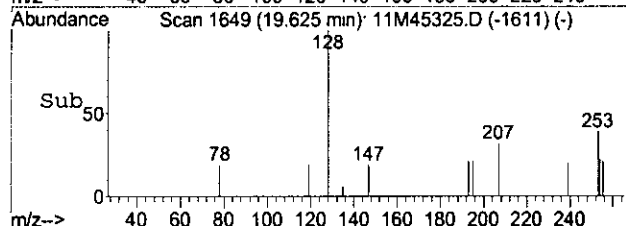
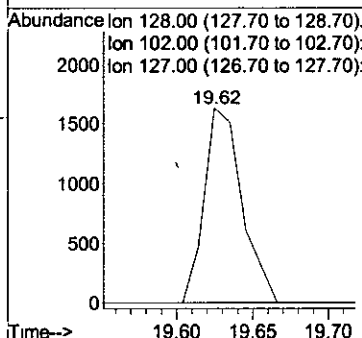
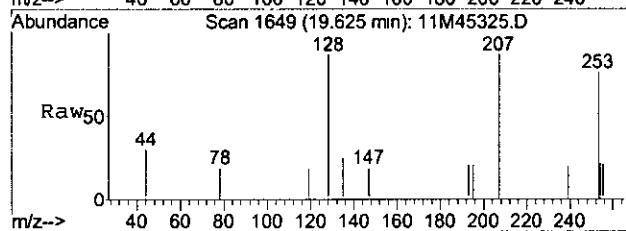
#95
1,2,4-Trichlorobenzene
Concen: 0.2584 ug/L
RT: 19.29 min Scan# 1617
Delta R.T. 0.00 min
Lab File: 11M45325.D
Acq: 10 Sep 2007 15:01

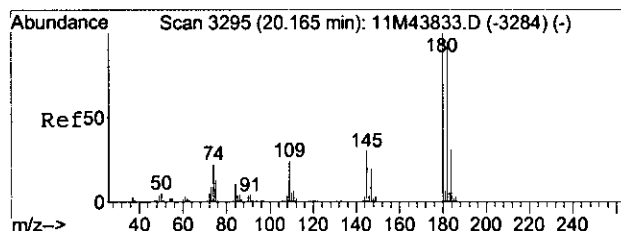
Tgt Ion:180 Resp: 1056
Ion Ratio Lower Upper
180 100
145 21.2 19.2 44.8



#97
Naphthalene
Concen: 0.3037 ug/L
RT: 19.62 min Scan# 1649
Delta R.T. -0.01 min
Lab File: 11M45325.D
Acq: 10 Sep 2007 15:01

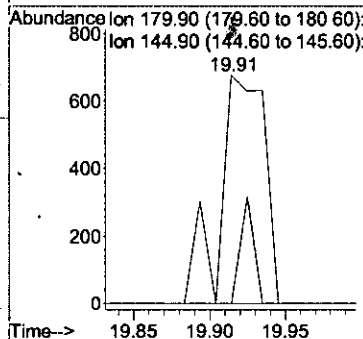
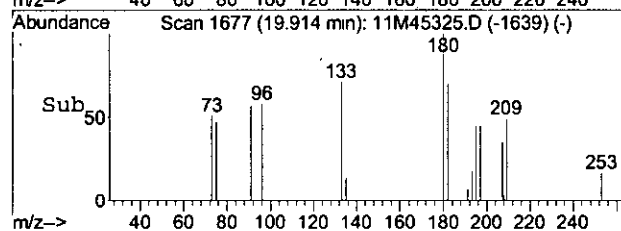
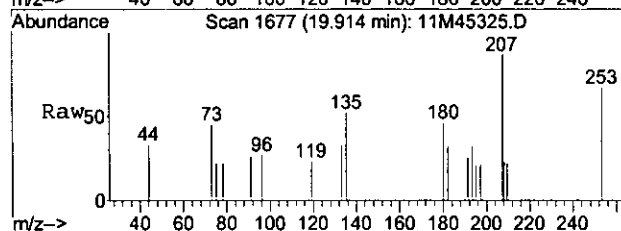
Tgt Ion:128 Resp: 2805
Ion Ratio Lower Upper
128 100
102 0.0 9.2 11.2#
127 0.0 11.3 13.9#





#98
1,2,3-Trichlorobenzene
Concen: 0.1838 ug/L
RT: 19.91 min Scan# 1677
Delta R.T. -0.01 min
Lab File: 11M45325.D
Acq: 10 Sep 2007 15:01

Tgt Ion:180 Resp: 1391
Ion Ratio Lower Upper
180 100
145 14.2 20.3 47.3#



Data File : C:\MSDCHEM\1\data\091407\9M56753.D Vial: 3
 Acq On : 14 Sep 2007 10:34 Operator: MES
 Sample : WG250097-01 VBLK0914 BLANK 8260 Inst : HPMS9
 Misc : 7,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 14 10:57:12 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Thu Aug 30 14:04:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	631771	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	528342	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	295206	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	179277	51.6008	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.20%	
42) 1,2-Dichloroethane-d4	7.99	65	173678	45.9996	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.00%	
56) Toluene-d8	10.40	98	648348	53.7802	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	107.56%	
77) p-Bromofluorobenzene	13.75	95	238286	49.6859	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	99.38%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.90	43	1562	Below Cal	#	47
15) Tert-Butyl Alcohol	4.28	59	227	0.6933	ug/kg#	69
19) Methylene Chloride	4.84	84	2126	Below Cal		80
91) 1,4-Dichlorobenzene	15.27	146	2777	0.3252	ug/kg#	1
93) 1,2-Dichlorobenzene	15.74	146	2918	0.3883	ug/kg	88
95) 1,2,4-Trichlorobenzene	17.84	180	1854	0.3698	ug/kg#	53
97) Naphthalene	18.17	128	7934	0.7151	ug/kg	88
98) 1,2,3-Trichlorobenzene	18.49	180	1734	0.3755	ug/kg#	41

(#) = qualifier out of range (m) = manual integration
 9M56753.D 826_SLST.M Fri Sep 14 10:57:13 2007

Data File : C:\MSDCHEM\1\data\091407\9M56753.D

Vial: 3

Acq On : 14 Sep 2007 10:34

Operator: MES

Sample : WG250097-01 VBLK0914 BLANK 8260

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 14 10:57 2007

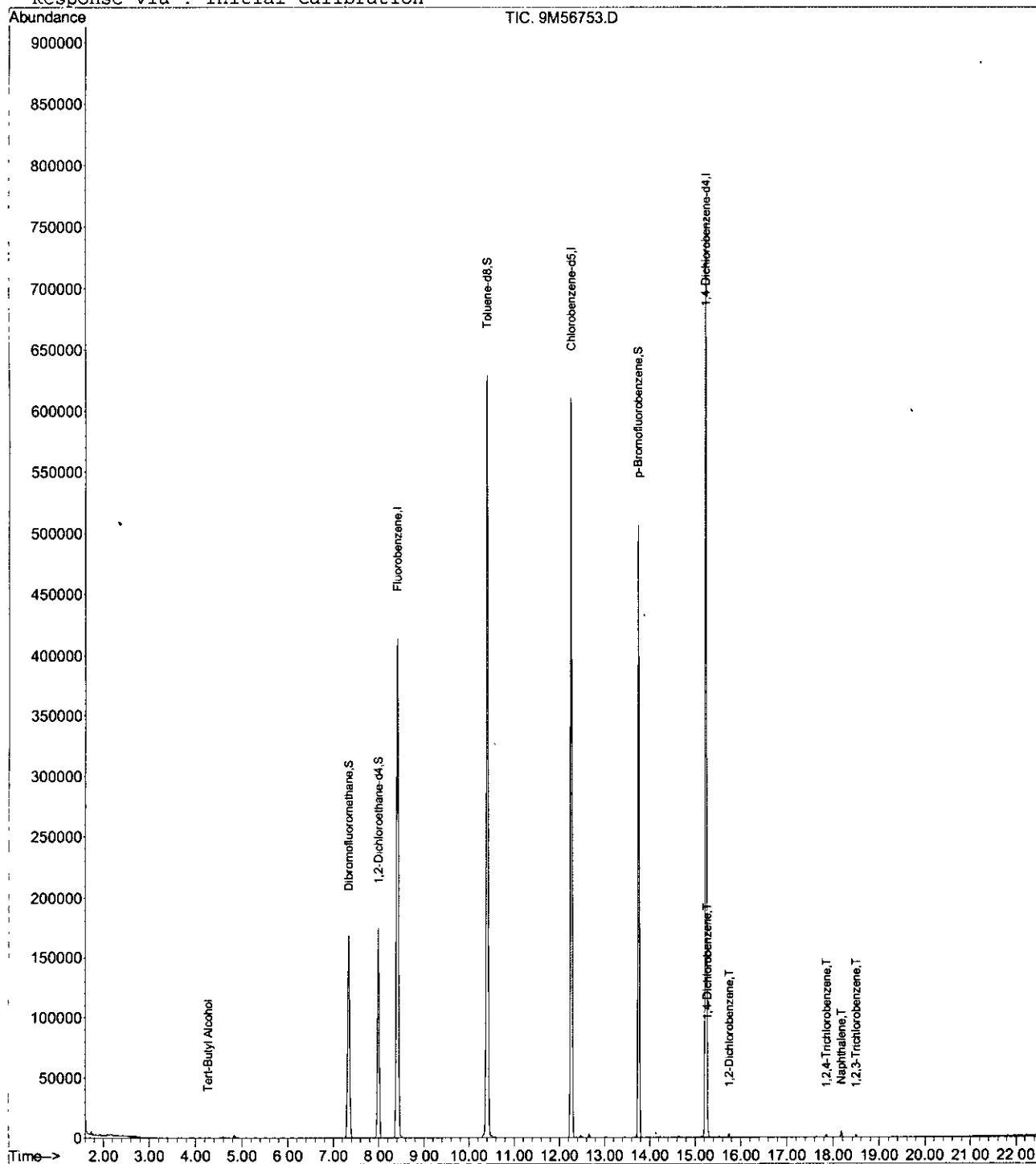
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

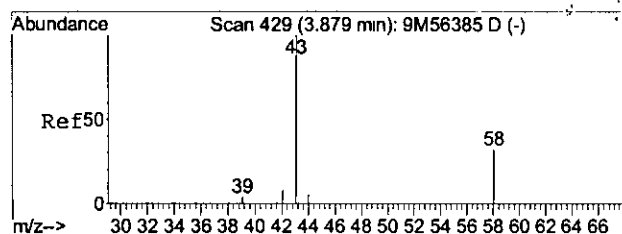
Response via : Initial Calibration



9M56753.D 826_SLST.M

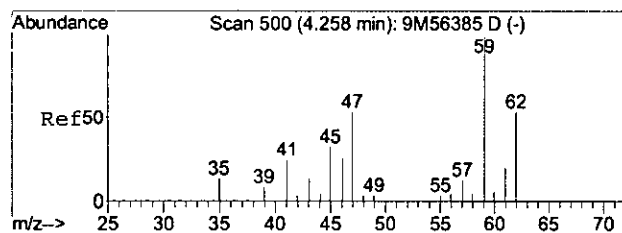
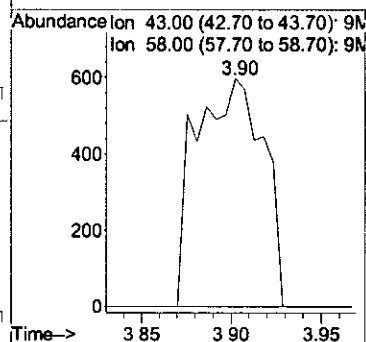
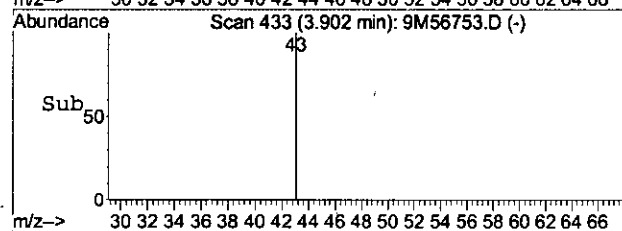
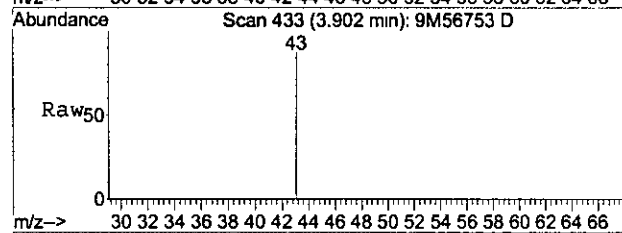
Fri Sep 14 10:57:14 2007

Page 2



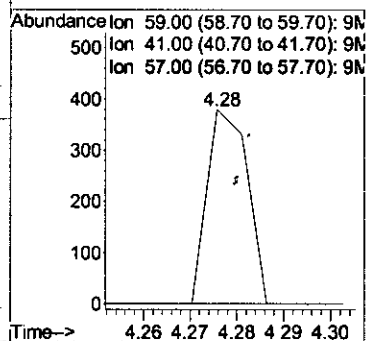
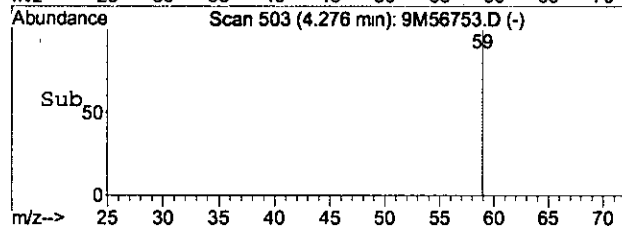
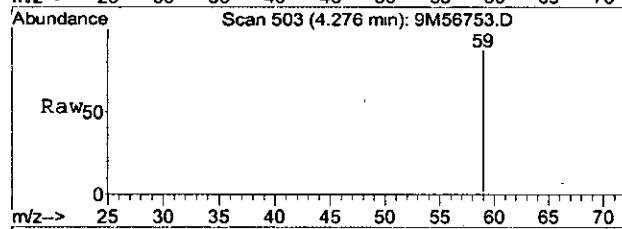
#13
Acetone
Concen: Below Cal
RT: 3.90 min Scan# 433
Delta R.T. 0.02 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

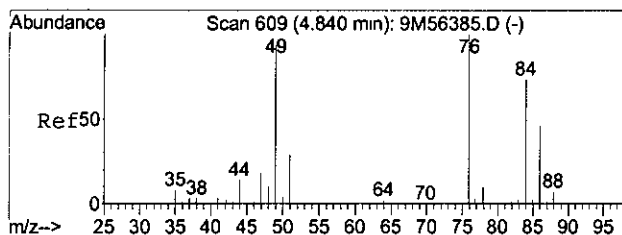
Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
58 0.0 16.7 38.9#



#15
Tert-Butyl Alcohol
Concen: 0.69 ug/kg
RT: 4.28 min Scan# 503
Delta R.T. 0.02 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

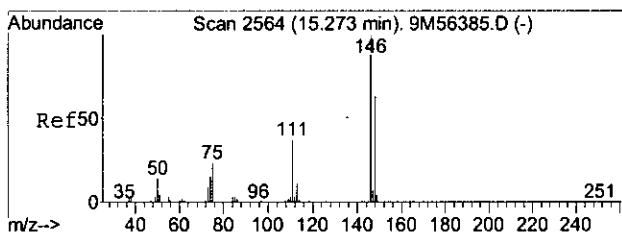
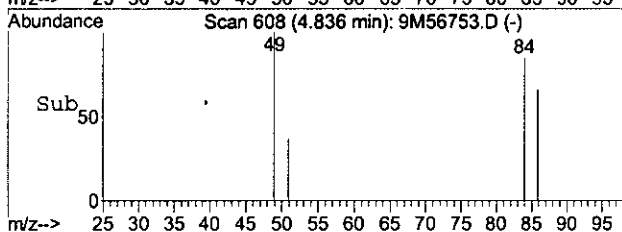
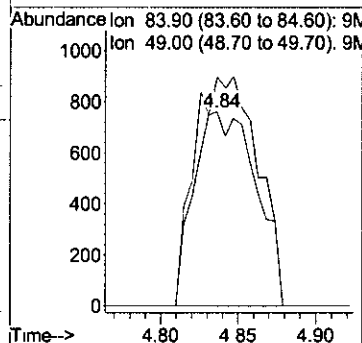
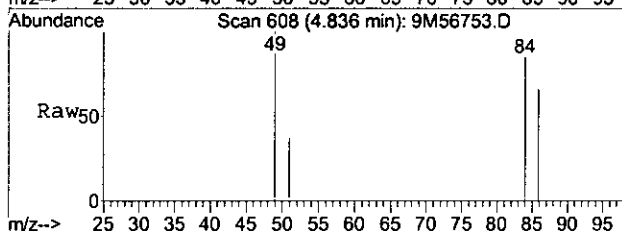
Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
41 0.0 6.4 14.8#
57 0.0 7.8 18.2#





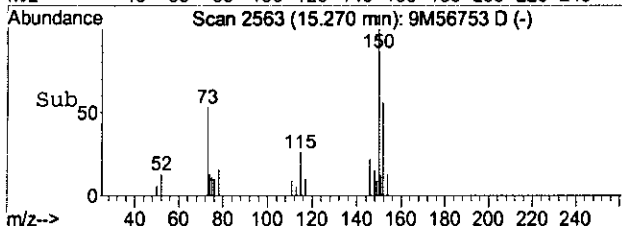
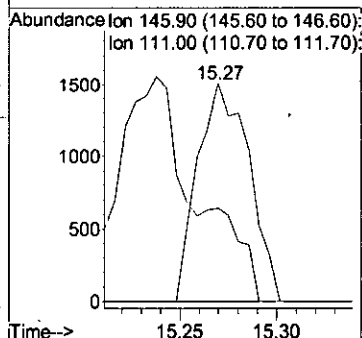
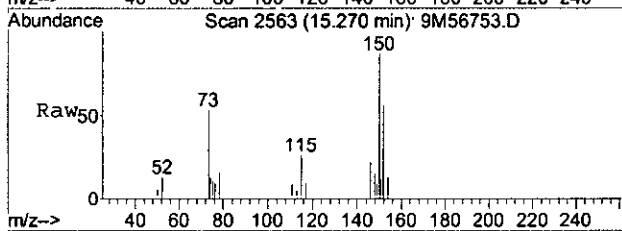
#19
Methylene Chloride
Concen: Below Cal
RT: 4.84 min Scan# 608
Delta R.T. -0.00 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

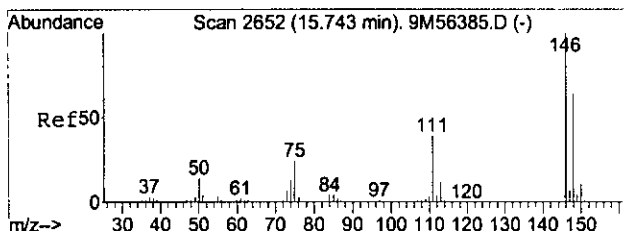
Tgt Ion: 84 Resp: 2126
Ion Ratio Lower Upper
84 100
49 119.7 87.1 203.1



#91
1,4-Dichlorobenzene
Concen: 0.33 ug/kg
RT: 15.27 min Scan# 2563
Delta R.T. -0.00 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

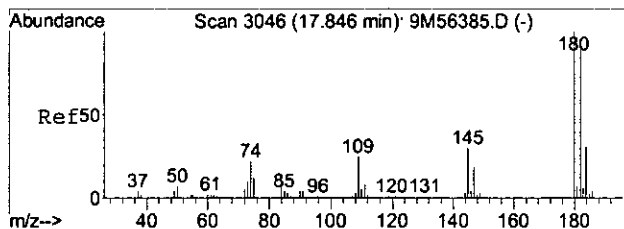
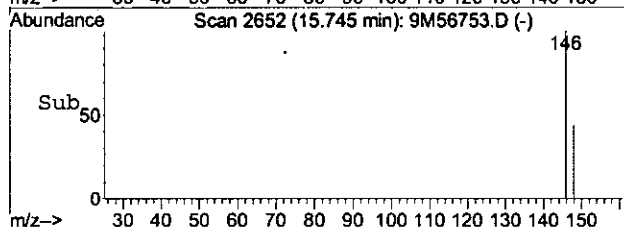
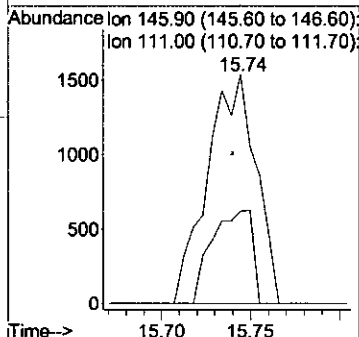
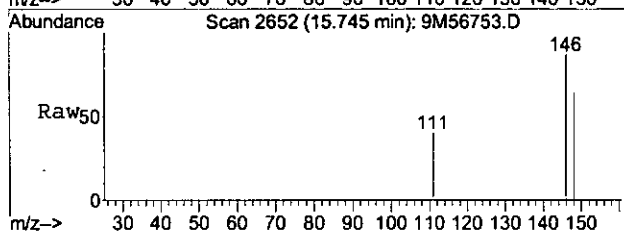
Tgt Ion: 146 Resp: 2777
Ion Ratio Lower Upper
146 100
111 150.1 23.8 55.6#





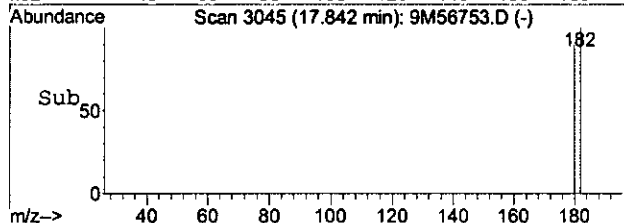
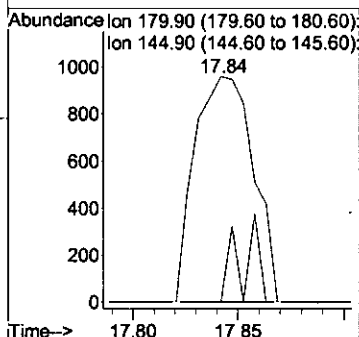
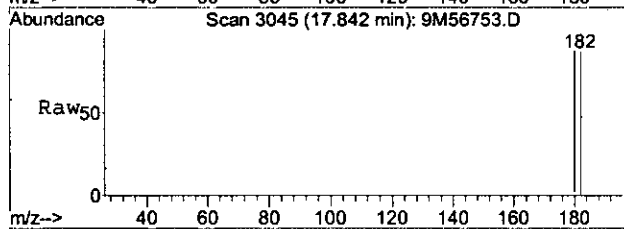
#93
1,2-Dichlorobenzene
Concen: 0.39 ug/kg
RT: 15.74 min Scan# 2652
Delta R.T. 0.00 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

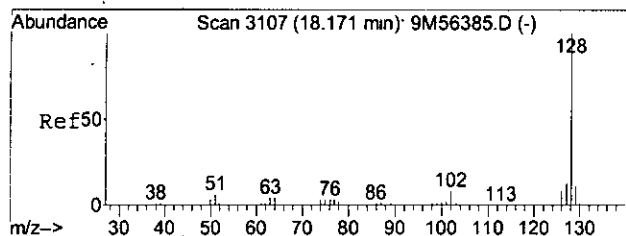
Tgt Ion:146 Resp: 2918
Ion Ratio Lower Upper
146 100
111 34.1 24.9 58.1



#95
1,2,4-Trichlorobenzene
Concen: 0.37 ug/kg
RT: 17.84 min Scan# 3045
Delta R.T. -0.00 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

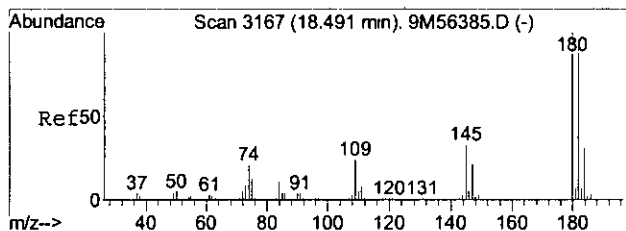
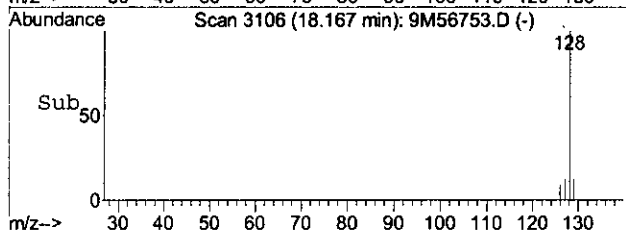
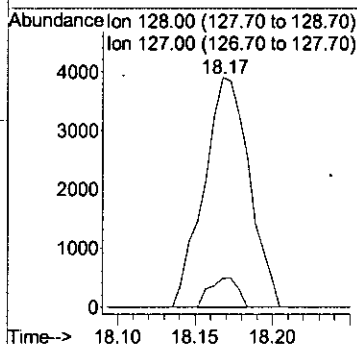
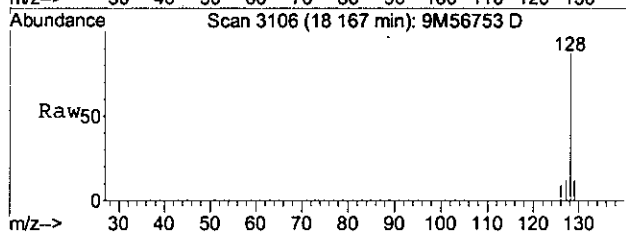
Tgt Ion:180 Resp: 1854
Ion Ratio Lower Upper
180 100
145 5.6 18.8 43.8#





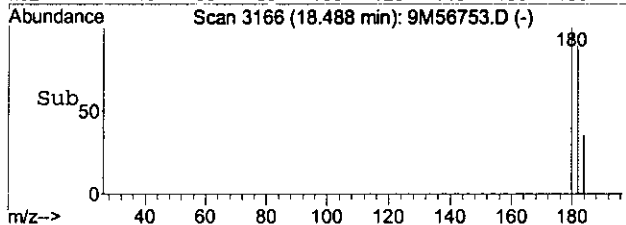
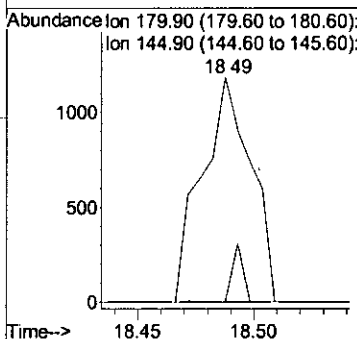
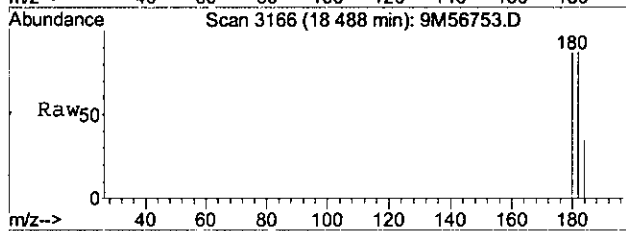
#97
Naphthalene
Concen: 0.72 ug/kg
RT: 18.17 min Scan# 3106
Delta R.T. -0.00 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

Tgt Ion:128 Resp: 7934
Ion Ratio Lower Upper
128 100
127 7.8 7.4 17.4



#98
1,2,3-Trichlorobenzene
Concen: 0.38 ug/kg
RT: 18.49 min Scan# 3166
Delta R.T. -0.00 min
Lab File: 9M56753.D
Acq: 14 Sep 2007 10:34

Tgt Ion:180 Resp: 1734
Ion Ratio Lower Upper
180 100
145 0.0 19.9 46.5#



Data File : C:\MSDCHEM\1\DATA\091007\11M45326.D Vial: 5
 Acq On : 10 Sep 2007 15:31 Operator: MES
 Sample : WG249716-02 20ug/L LCS STD 8260 Inst : HPMS11
 Misc : 1,1 STD21763 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 10 15:53:02 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Thu Sep 06 14:39:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	853256	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	575594	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	308154	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	203280	23.0722574	ug/L	0.00
Spiked Amount 25.000	Range 86 -	118	Recovery	=	92.29%	
42) 1,2-Dichloroethane-d4	9.988	65	265175	22.9626793	ug/L	0.00
Spiked Amount 25.000	Range 80 -	120	Recovery	=	91.85%	
56) Toluene-d8	12.242	98	724666	23.6824908	ug/L	0.00
Spiked Amount 25.000	Range 88 -	110	Recovery	=	94.73%	
77) p-Bromofluorobenzene	15.406	95	293520	24.0232331	ug/L	0.00
Spiked Amount 25.000	Range 86 -	115	Recovery	=	96.09%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	203598	15.9212	ug/L	100
3) Chloromethane	3.52	50	201354	16.9410	ug/L	99
4) Vinyl Chloride	3.73	62	211890	18.7391	ug/L	99
5) 1,3-Butadiene	3.78	54	182145	20.7688	ug/L	97
6) Bromomethane	4.61	94	106883	18.5088	ug/L	100
7) Chloroethane	4.77	64	138289	18.4271	ug/L	100
8) Trichlorofluoromethane	5.26	101	278069	15.2892	ug/L	98
10) Isoprene	5.81	67	222141	18.8936	ug/L	96
11) Acrolein	5.99	56	73746	235.6214	ug/L	93
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	154807	19.6211	ug/L	99
13) Acetone	6.09	43	27890	20.7621	ug/L	96
14) 1,1-Dichloroethene	6.32	61	324920	20.1348	ug/L	98
16) Dimethyl Sulfide	6.58	62	224089	18.9091	ug/L	96
17) Iodomethane	6.81	142	118085	14.7028	ug/L	100
18) Methyl acetate	6.82	43	87474	24.0501	ug/L	97
19) Methylene Chloride	7.07	84	162044	18.0776	ug/L	93
20) Carbon Disulfide	7.11	76	426603	17.0402	ug/L	99
21) Acrylonitrile	7.24	53	44493	21.2616	ug/L	98
22) Methyl Tert Butyl Ether	7.30	73	428424	21.6937	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	160071	18.7532	ug/L	99
24) n-Hexane	7.62	57	252048	18.4688	ug/L	99
26) Vinyl Acetate	8.09	43	208501	16.5009	ug/L	98
27) 1,1-Dichloroethane	8.11	63	376443	19.4975	ug/L	99
29) 2-Butanone	8.63	43	36032	20.1054	ug/L	91
31) 2,2-Dichloropropane	8.85	77	343437	19.6798	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	172972	19.7838	ug/L	95
33) Chloroform	9.11	83	348895	20.5521	ug/L	99
34) Bromochloromethane	9.33	130	88047	19.4056	ug/L	94
37) 1,1,1-Trichloroethane	9.63	97	332513	20.8034	ug/L	99
38) Cyclohexane	9.67	56	333471	19.3962	ug/L	96
39) 1,1-Dichloropropene	9.81	75	242114	19.1851	ug/L	100
40) Carbon Tetrachloride	9.96	117	270536	18.8296	ug/L	99
43) 1,2-Dichloroethane	10.10	62	299514	21.0300	ug/L	99
44) Benzene	10.14	78	619682	18.8081	ug/L	100
45) Trichloroethene	10.87	130	162139	19.6012	ug/L	99
46) Methylcyclohexane	10.96	83	244421	19.4433	ug/L	98
47) 1,2-Dichloropropane	11.06	63	183738	19.9353	ug/L	97
49) Bromodichloromethane	11.34	83	256058	21.5056	ug/L	99
50) Dibromomethane	11.42	93	78437	20.9439	ug/L	96
51) 2-Chloroethyl Vinyl Ether	11.61	63	81108	19.2046	ug/L	99

(#) = qualifier out of range (m) = manual integration
 11M45326.D 8260WT.M Mon Sep 10 15:53:03 2007

Data File : C:\MSDCHEM\1\DATA\091007\11M45326.D

Vial: 5

Acq On : 10 Sep 2007 15:31

Operator: MES

Sample : WG249716-02 20ug/L LCS STD 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 10 15:53:02 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	38646	19.3334	ug/L	98
53) cis-1,3-Dichloropropene	11.93	75	267069	20.0671	ug/L	100
54) Dimethyl Disulfide	12.18	79	147826	20.7389	ug/L	95
57) Toluene	12.34	91	654180	20.1327	ug/L	99
58) Ethyl Methacrylate	12.42	69	140971	22.0829	ug/L	97
59) trans-1,3-Dichloropropene	12.49	75	232604	20.6454	ug/L	98
60) 1,1,2-Trichloroethane	12.70	97	104798	20.3577	ug/L	100
61) 2-Hexanone	12.65	43	59500	22.2282	ug/L #	96
62) 1,3-Dichloropropane	12.99	76	211626	22.2702	ug/L	96
63) Tetrachloroethene	13.11	164	119717	18.8508	ug/L	100
64) Dibromochloromethane	13.35	129	144015	19.8799	ug/L	100
65) 1,2-Dibromoethane	13.59	107	105775	22.2976	ug/L	97
66) 1-Chlorohexane	13.68	91	230706	20.5500	ug/L	98
67) Chlorobenzene	14.06	112	435384	19.9147	ug/L	99
68) 1,1,1,2-Tetrachloroethane	14.09	131	162079	22.4900	ug/L	99
69) Ethylbenzene	14.08	106	236217	20.5222	ug/L	95
70) m-,p-Xylene	14.18	106	591582	40.6015	ug/L	98
71) o-Xylene	14.69	106	277057	19.8180	ug/L	93
72) Styrene	14.72	104	471480	20.8508	ug/L	96
73) Bromoform	15.18	173	70112	19.2500	ug/L	99
74) Isopropylbenzene	15.09	105	669212	18.6609	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	99165	21.0551	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	38783	21.0054	ug/L	94
79) trans-1,4-Dichloro-2-Buten	15.50	53	44757	19.4285	ug/L	96
80) n-Propylbenzene	15.56	91	907422	20.5390	ug/L	100
81) Bromobenzene	15.67	156	160300	21.1592	ug/L	100
82) 1,3,5-Trimethylbenzene	15.74	105	665268	21.1113	ug/L	98
83) 2-Chlorotoluene	15.81	91	597862	20.0749	ug/L	89
84) 4-Chlorotoluene	15.85	91	606389	21.0420	ug/L	97
85) a-Methylstyrene	16.10	118	352126	21.4000	ug/L	96
86) tert-Butylbenzene	16.16	134	115022	20.7733	ug/L	92
87) 1,2,4-Trimethylbenzene	16.21	105	710516	21.7615	ug/L	98
88) sec-Butylbenzene	16.42	105	742715	20.7292	ug/L	99
89) p-Isopropyltoluene	16.56	119	633778	20.2645	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	316163	19.9029	ug/L	99
91) 1,4-Dichlorobenzene	16.86	146	315835	20.1052	ug/L	96
92) n-Butylbenzene	17.05	91	608525	20.5766	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	282527	20.6686	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	18.23	75	20508	20.5418	ug/L	92
95) 1,2,4-Trichlorobenzene	19.29	180	204196	19.6020	ug/L	100
96) Hexachlorobutadiene	19.44	225	70515	19.6798	ug/L	97
97) Naphthalene	19.64	128	354294	19.6067	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	167163	19.7584	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45326.D 8260WT.M Mon Sep 10 15:53:04 2007

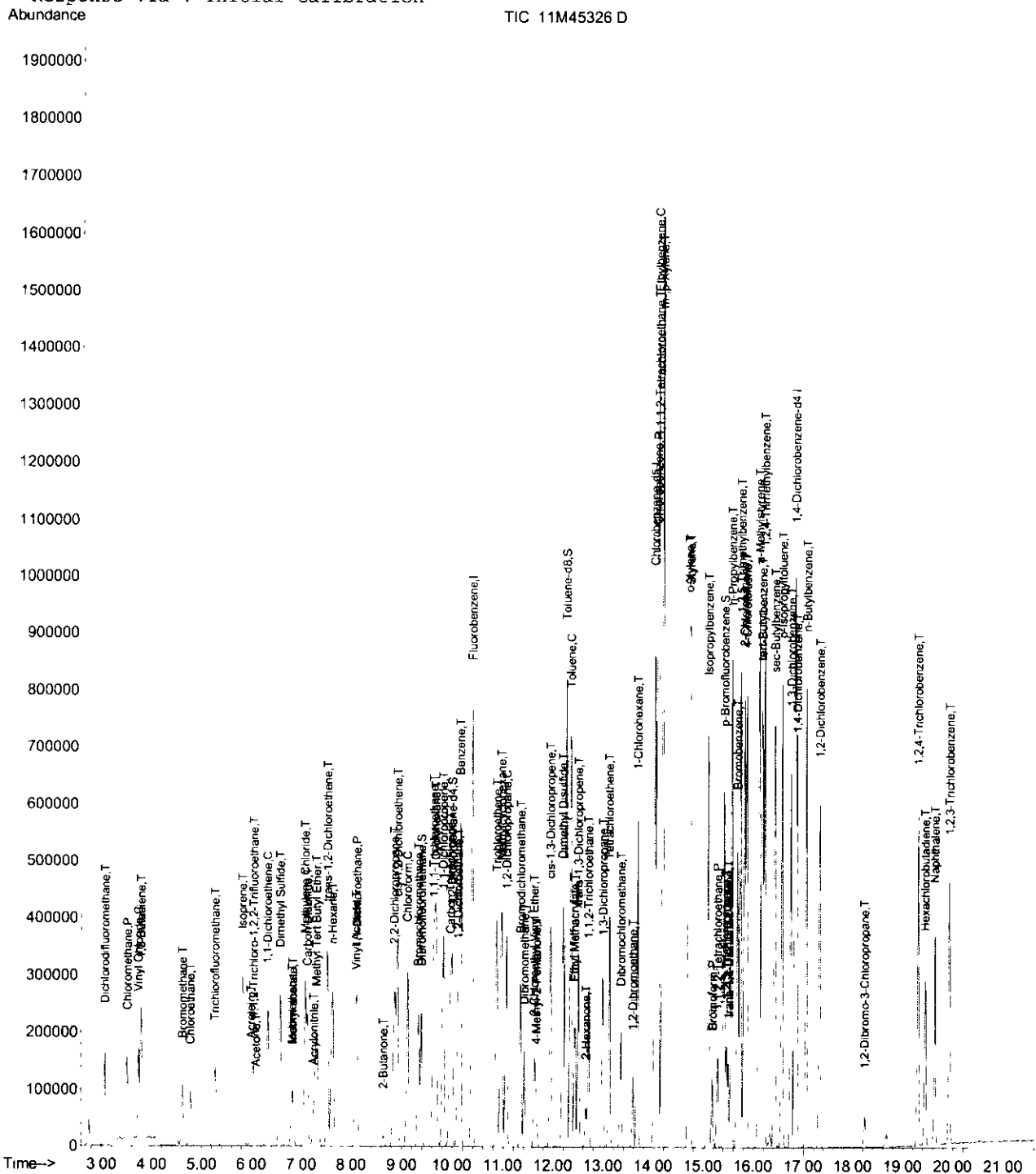
Page 2

Data File : C:\MSDCHEM\1\DATA\091007\11M45326.D
Acq On : 10 Sep 2007 15:31
Sample : WG249716-02 20ug/L LCS STD 8260
Misc : 1,1 STD21763
MS Integration Params: rteint.p
Quant Time: Sep 10 15:53 2007

Vial: 5
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration



11M45326.D 8260WT.M Mon Sep 10 15:53:04 2007

Page 3

Data File : C:\MSDCHEM\1\data\091407\9M56754.D

Vial: 4

Acq On : 14 Sep 2007 11:05

Operator: MES

Sample : WG250097-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 14 11:28:15 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	642744	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	533076	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	300296	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.34	111	182269	51.5664	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.14%	
42) 1,2-Dichloroethane-d4	7.99	65	171358	44.6103	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.22%	
56) Toluene-d8	10.40	98	640513	52.6585	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	105.32%	
77) p-Bromofluorobenzene	13.75	95	237921	48.7689	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	97.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.76	85	100355	23.1447	ug/kg	97
3) Chloromethane	2.03	50	68854	18.7612	ug/kg	98
4) Vinyl Chloride	2.15	62	53520	20.3079	ug/kg	99
6) Bromomethane	2.68	94	40078	20.8875	ug/kg	99
7) Chloroethane	2.78	64	42428	20.0174	ug/kg	99
8) Trichlorofluoromethane	3.14	101	111144	16.6497	ug/kg	99
9) Diethyl ether	3.57	59	245598	99.3866	ug/kg	94
10) Isoprene	3.58	67	69860	14.4780	ug/kg	94
11) Acrolein	3.75	56	32496	124.2877	ug/kg	99
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	56633	16.1820	ug/kg	95
13) Acetone	3.89	43	17632	14.0980	ug/kg	96
14) 1,1-Dichloroethene	4.05	96	71380	22.4638	ug/kg	87
15) Tert-Butyl Alcohol	4.26	59	71154	213.6004	ug/kg#	76
16) Dimethyl Sulfide	4.31	62	55603	14.0634	ug/kg	91
17) Iodomethane	4.53	142	60321	13.1725	ug/kg	94
18) Methyl acetate	4.65	43	38069	15.9753	ug/kg	97
19) Methylene Chloride	4.84	84	71236	19.5544	ug/kg	88
20) Carbon Disulfide	4.82	76	129413	12.0754	ug/kg	100
21) Acrylonitrile	5.05	53	18481	16.8606	ug/kg	93
22) Methyl Tert Butyl Ether	5.14	73	147258	16.6506	ug/kg	100
23) trans-1,2-Dichloroethene	5.31	96	77583	21.3867	ug/kg	89
24) n-Hexane	5.45	57	83034	13.1732	ug/kg	98
25) Diisopropyl ether	5.85	45	982148	91.2437	ug/kg	97
26) Vinyl Acetate	5.99	43	128456	18.3888	ug/kg	97
27) 1,1-Dichloroethane	5.96	63	125964	19.3967	ug/kg	100
28) Ethyl-Tert-Butyl ether	6.43	59	970663	98.8191	ug/kg	98
29) 2-Butanone	6.61	43	25464	17.0571	ug/kg#	80
30) Propionitrile	6.68	54	41007	111.6625	ug/kg	97
31) 2,2-Dichloropropane	6.76	77	104424	18.9055	ug/kg	96
32) cis-1,2-Dichloroethene	6.82	96	79936	21.6972	ug/kg	91
33) Chloroform	7.05	83	120360	19.1639	ug/kg	100
34) Bromochloromethane	7.26	128	40178	22.3172	ug/kg	87
35) Tetrahydrofuran	7.34	42	82926	95.6812	ug/kg	89
37) 1,1,1-Trichloroethane	7.59	97	118528	19.7461	ug/kg	97
38) Cyclohexane	7.59	56	100895	14.6956	ug/kg	94
39) 1,1-Dichloropropene	7.79	75	97045	20.1731	ug/kg	95
40) Carbon Tetrachloride	7.91	117	107978	20.9491	ug/kg	100
41) Tert-Amyl-Methyl ether	7.97	73	808559	103.2702	ug/kg	99
43) 1,2-Dichloroethane	8.11	62	88240	18.2938	ug/kg	99
44) Benzene	8.13	78	281506	21.1118	ug/kg	99

(#)=qualifier out of range (m)=manual integration

9M56754.D 826_SLST.M Fri Sep 14 11:28:16 2007

Page 1

Data File : C:\MSDCHEM\1\data\091407\9M56754.D

Vial: 4

Acq On : 14 Sep 2007 11:05

Operator: MES

Sample : WG250097-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 14 11:28:15 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
45) Trichloroethene	8.92	130	93065	22.6285	ug/kg	97
46) Methylcyclohexane	9.00	83	105296	17.1865	ug/kg	94
47) 1,2-Dichloropropane	9.13	63	65358	20.7848	ug/kg	94
48) Bromodichloromethane	9.42	83	83491	20.0263	ug/kg	99
49) 1,4-Dioxane	9.48	88	5479	234.4095	ug/kg	91
50) Dibromomethane	9.49	93	41713	21.5567	ug/kg	98
51) 2-Chloroethyl Vinyl Ether	9.81	63	16734	13.6278	ug/kg	98
52) 4-Methyl-2-Pentanone	9.85	58	21910	19.7744	ug/kg	96
53) cis-1,3-Dichloropropene	10.10	75	100711	20.6887	ug/kg	98
54) Dimethyl Disulfide	10.31	79	37781	15.2985	ug/kg	96
57) Toluene	10.50	91	311943	21.4359	ug/kg	100
58) Ethyl Methacrylate	10.71	69	67806	19.6192	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	85244	18.4175	ug/kg	95
60) 1,1,2-Trichloroethane	10.91	97	58048	21.7934	ug/kg	98
61) 2-Hexanone	10.92	43	39841	18.8755	ug/kg	86
62) 1,3-Dichloropropane	11.22	76	93602	20.6647	ug/kg	88
63) Tetrachloroethene	11.30	164	68052	21.3764	ug/kg	99
64) Dibromochloromethane	11.54	129	69999	21.3976	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	59070	21.6747	ug/kg	99
66) 1-Chlorohexane	11.99	91	90249	19.2462	ug/kg	91
67) Chlorobenzene	12.30	112	216090	21.0737	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.35	131	74921	21.7305	ug/kg	100
69) Ethylbenzene	12.37	106	114482	21.7890	ug/kg	97
70) m-,p-Xylene	12.46	106	276911	43.7792	ug/kg	97
71) o-Xylene	13.00	106	132202	22.5337	ug/kg	94
72) Styrene	13.04	104	213855	22.8590	ug/kg	94
73) Bromoform	13.46	173	41309	21.3846	ug/kg	98
74) Isopropylbenzene	13.44	105	308046	20.0250	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	60861	20.5913	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	23396	21.1294	ug/kg	96
79) trans-1,4-Dichloro-2-Butene	13.91	53	19833	15.6138	ug/kg	93
80) n-Propylbenzene	13.94	91	405285	20.5650	ug/kg	98
81) Bromobenzene	14.00	156	94150	21.7734	ug/kg	92
82) 1,3,5-Trimethylbenzene	14.13	105	285365	21.4064	ug/kg	97
83) 2-Chlorotoluene	14.17	91	270019	19.9131	ug/kg	96
84) 4-Chlorotoluene	14.22	91	241159	19.6974	ug/kg	96
85) a-Methylstyrene	14.52	118	150230	18.7950	ug/kg	99
86) tert-Butylbenzene	14.58	134	67238	21.9298	ug/kg	96
87) 1,2,4-Trimethylbenzene	14.63	105	300112	21.2595	ug/kg	97
88) sec-Butylbenzene	14.84	105	377442	21.0877	ug/kg	98
89) p-Isopropyltoluene	15.02	119	330934	21.2961	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	174588	20.8594	ug/kg	97
91) 1,4-Dichlorobenzene	15.27	146	176120	20.2748	ug/kg	99
92) n-Butylbenzene	15.53	91	288247	20.7955	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	162896	21.3067	ug/kg	96
94) 1,2-Dibromo-3-Chloropropane	16.72	157	15647	22.2101	ug/kg	91
95) 1,2,4-Trichlorobenzene	17.84	180	110390	21.6460	ug/kg	100
96) Hexachlorobutadiene	18.02	225	55827	20.9436	ug/kg	96
97) Naphthalene	18.17	128	264764	23.4591	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	103072	21.9440	ug/kg	100

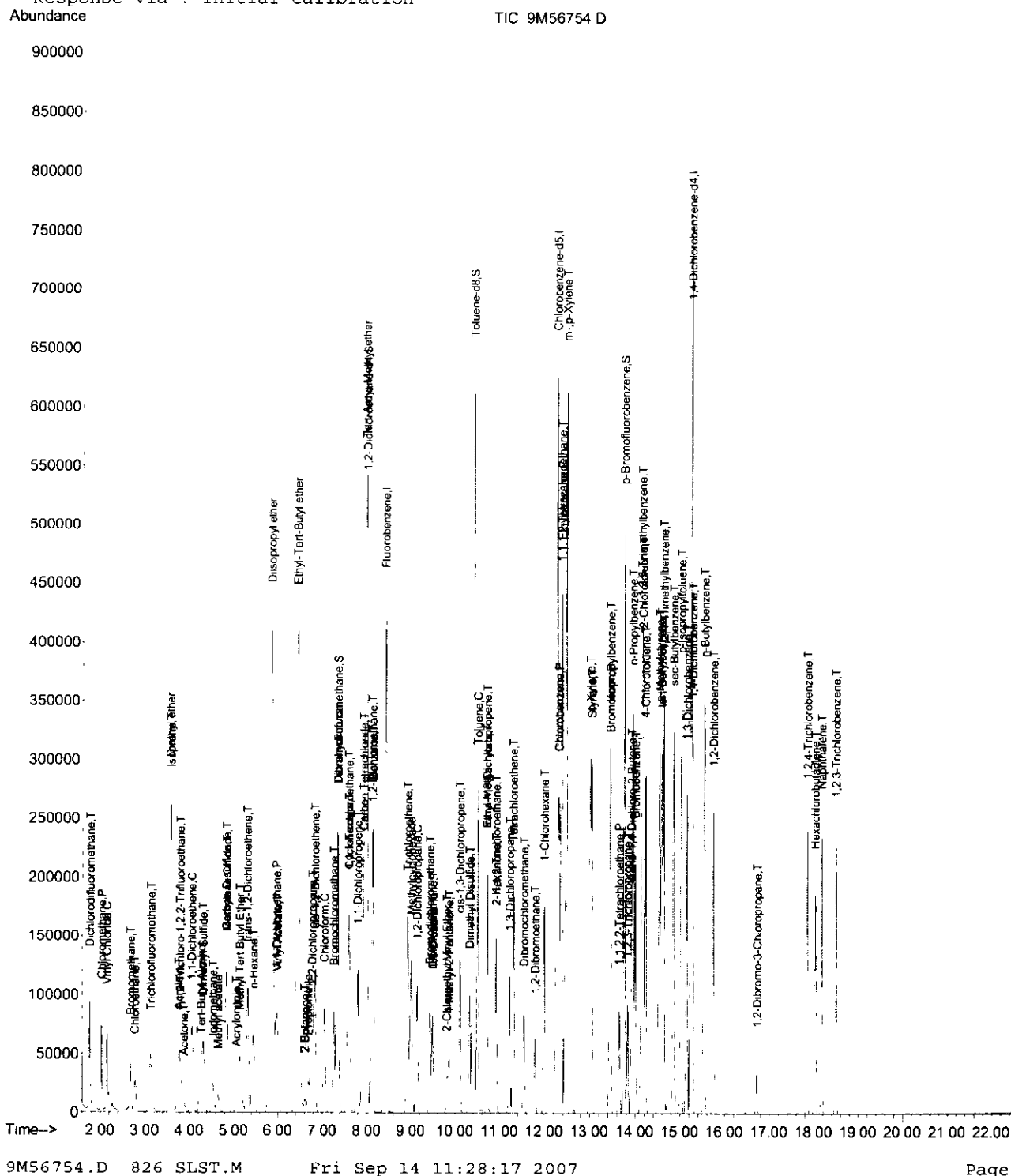
(#) = qualifier out of range (m) = manual integration
9M56754.D 826_SLST.M Fri Sep 14 11:28:17 2007

Page 2

Vial: 4
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Thu Aug 30 14:04:45 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\091007\11M45327.D Vial: 6
 Acq On : 10 Sep 2007 16:01 Operator: MES
 Sample : WG249716-03 20ug/L LCS DUP STD 8260 Inst : HPMS11
 Misc : 1,1 STD21763 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 10 16:23:04 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method.8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Thu Sep 06 14:39:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	886646	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	591234	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	314167	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	199543	21.7952084	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	87.18%		
42) 1,2-Dichloroethane-d4	9.988	65	268318	22.3598498	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	89.44%		
56) Toluene-d8	12.242	98	743317	23.6494156	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	94.60%		
77) p-Bromofluorobenzene	15.406	95	295987	23.7614882	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	95.05%		
Target Compounds						
2) Dichlorodifluoromethane	3.07	85	197132	14.8351	ug/L	100
3) Chloromethane	3.51	50	205423	16.6325	ug/L	100
4) Vinyl Chloride	3.73	62	210918	17.9507	ug/L	100
5) 1,3-Butadiene	3.77	54	139703	14.6222	ug/L	98
6) Bromomethane	4.61	94	112025	18.6618	ug/L	97
7) Chloroethane	4.77	64	146254	18.7545	ug/L	98
8) Trichlorofluoromethane	5.26	101	282160	14.9360	ug/L	98
10) Isoprene	5.81	67	224531	18.3777	ug/L	98
11) Acrolein	5.99	56	73909	227.2494	ug/L	96
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	153743	18.7524	ug/L	99
13) Acetone	6.09	43	28148	20.1651	ug/L	95
14) 1,1-Dichloroethene	6.32	61	340554	20.3089	ug/L	97
16) Dimethyl Sulfide	6.58	62	229752	18.6569	ug/L	95
17) Iodomethane	6.81	142	118753	14.2292	ug/L	98
18) Methyl acetate	6.82	43	88266	23.3540	ug/L	99
19) Methylene Chloride	7.07	84	172409	18.5284	ug/L	95
20) Carbon Disulfide	7.11	76	432441	16.6229	ug/L	99
21) Acrylonitrile	7.24	53	45952	21.1319	ug/L	94
22) Methyl Tert Butyl Ether	7.30	73	435400	21.2166	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	164589	18.5564	ug/L	96
24) n-Hexane	7.62	57	246752	17.3999	ug/L	98
26) Vinyl Acetate	8.08	43	209251	15.9366	ug/L	99
27) 1,1-Dichloroethane	8.11	63	401478	20.0110	ug/L	99
29) 2-Butanone	8.63	43	37993	20.4013	ug/L	93
31) 2,2-Dichloropropane	8.85	77	355829	19.6220	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	179380	19.7440	ug/L	96
33) Chloroform	9.11	83	358101	20.3000	ug/L	100
34) Bromochloromethane	9.33	130	92979	19.7209	ug/L	94
37) 1,1,1-Trichloroethane	9.63	97	342058	20.5946	ug/L	99
38) Cyclohexane	9.67	56	329657	18.4523	ug/L	96
39) 1,1-Dichloropropene	9.81	75	255801	19.5063	ug/L	99
40) Carbon Tetrachloride	9.96	117	277150	18.5664	ug/L	99
43) 1,2-Dichloroethane	10.10	62	304048	20.5444	ug/L	99
44) Benzene	10.15	78	651269	19.0224	ug/L	99
45) Trichloroethene	10.87	130	169313	19.6976	ug/L	100
46) Methylcyclohexane	10.96	83	241315	18.4733	ug/L	97
47) 1,2-Dichloropropane	11.06	63	192415	20.0906	ug/L	96
49) Bromodichloromethane	11.34	83	262979	21.2552	ug/L	99
50) Dibromomethane	11.42	93	79999	20.5566	ug/L	99
51) 2-Chloroethyl Vinyl Ether	11.61	63	84298	19.2082	ug/L	99

(#) = qualifier out of range (m) = manual integration
 11M45327.D 8260WT.M Mon Sep 10 16:23:05 2007

Data File : C:\MSDCHEM\1\DATA\091007\11M45327.D
Acq On : 10 Sep 2007 16:01
Sample : WG249716-03 20ug/L LCS DUP STD 8260
Misc : 1,1 STD21763
MS Integration Params: rteint.p
Quant Time: Sep 10 16:23:04 2007

Vial: 6
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	39809	19.1652	ug/L	98
53) cis-1,3-Dichloropropene	11.93	75	275242	19.9024	ug/L	100
54) Dimethyl Disulfide	12.18	79	149884	20.2357	ug/L	97
57) Toluene	12.34	91	692390	20.7449	ug/L	100
58) Ethyl Methacrylate	12.43	69	143152	21.8314	ug/L	97
59) trans-1,3-Dichloropropene	12.49	75	240304	20.7646	ug/L	98
60) 1,1,2-Trichloroethane	12.70	97	109528	20.7152	ug/L	98
61) 2-Hexanone	12.65	43	59624	21.6853	ug/L #	98
62) 1,3-Dichloropropane	12.99	76	209666	21.4803	ug/L	95
63) Tetrachloroethene	13.11	164	125352	19.2134	ug/L	99
64) Dibromochloromethane	13.34	129	146050	19.6295	ug/L	100
65) 1,2-Dibromoethane	13.59	107	105279	21.6060	ug/L	100
66) 1-Chlorohexane	13.68	91	227599	19.7475	ug/L	98
67) Chlorobenzene	14.06	112	455555	20.2861	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	166997	22.5594	ug/L	99
69) Ethylbenzene	14.08	106	250923	21.2231	ug/L	98
70) m-,p-Xylene	14.18	106	622670	41.6046	ug/L	98
71) o-Xylene	14.69	106	294605	20.5158	ug/L	96
72) Styrene	14.72	104	496963	21.3964	ug/L	96
73) Bromoform	15.18	173	71906	19.2205	ug/L	99
74) Isopropylbenzene	15.09	105	706699	19.1849	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	104591	21.7821	ug/L	100
78) 1,2,3-Trichloropropane	15.46	110	38943	20.6938	ug/L	96
79) trans-1,4-Dichloro-2-Buten	15.50	53	45118	19.2104	ug/L	94
80) n-Propylbenzene	15.56	91	949985	21.0908	ug/L	99
81) Bromobenzene	15.68	156	171127	22.1560	ug/L	94
82) 1,3,5-Trimethylbenzene	15.74	105	701209	21.8260	ug/L	98
83) 2-Chlorotoluene	15.81	91	623227	20.5261	ug/L	89
84) 4-Chlorotoluene	15.85	91	636709	21.6712	ug/L	92
85) a-Methylstyrene	16.10	118	366283	21.8343	ug/L	98
86) tert-Butylbenzene	16.16	134	117242	20.7690	ug/L	91
87) 1,2,4-Trimethylbenzene	16.21	105	734631	22.0694	ug/L	99
88) sec-Butylbenzene	16.42	105	772708	21.1535	ug/L	99
89) p-Isopropyltoluene	16.56	119	652113	20.4517	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	332661	20.5407	ug/L	99
91) 1,4-Dichlorobenzene	16.85	146	330086	20.6102	ug/L	97
92) n-Butylbenzene	17.05	91	636431	21.1083	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	295939	21.2354	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	18.23	75	22573	22.1775	ug/L	89
95) 1,2,4-Trichlorobenzene	19.29	180	212045	19.9656	ug/L	99
96) Hexachlorobutadiene	19.44	225	74104	20.2856	ug/L	98
97) Naphthalene	19.64	128	367150	19.9304	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	175916	20.4008	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45327.D 8260WT.M Mon Sep 10 16:23:05 2007

Page 2

Vial: 6
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\data\091407\9M56755.D Vial: 5
 Acq On : 14 Sep 2007 11:36 Operator: MES
 Sample : WG250097-03 20ug/Kg LCSDUP 8260 Inst : HPMS9
 Misc : 7,1 STD21763 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 14 11:59:12 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Thu Aug 30 14:04:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	617674	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	516593	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	287050	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.33	111	177195	52.1656	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.34%		
42) 1,2-Dichloroethane-d4	7.99	65	164426	44.5431	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.08%		
56) Toluene-d8	10.40	98	634366	53.8172	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	107.64%		
77) p-Bromofluorobenzene	13.75	95	232502	49.8573	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	99.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	98538	23.6480	ug/kg	96
3) Chloromethane	2.02	50	67835	19.2338	ug/kg	99
4) Vinyl Chloride	2.15	62	52538	20.7444	ug/kg	98
6) Bromomethane	2.67	94	38927	21.1111	ug/kg	99
7) Chloroethane	2.79	64	42760	20.9929	ug/kg	100
8) Trichlorofluoromethane	3.13	101	108849	16.9677	ug/kg	100
9) Diethyl ether	3.57	59	211248	88.9558	ug/kg	94
10) Isoprene	3.58	67	68052	14.6757	ug/kg	93
11) Acrolein	3.76	56	29319	116.6880	ug/kg	96
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	55218	16.4181	ug/kg	97
13) Acetone	3.87	43	15850	12.9055	ug/kg	99
14) 1,1-Dichloroethene	4.06	96	70891	23.2154	ug/kg	86
15) Tert-Butyl Alcohol	4.25	59	58304	182.1293	ug/kg#	77
16) Dimethyl Sulfide	4.31	62	53156	13.9902	ug/kg	91
17) Iodomethane	4.53	142	56871	12.9231	ug/kg	95
18) Methyl acetate	4.64	43	34112	14.8958	ug/kg	94
19) Methylene Chloride	4.84	84	70838	20.2789	ug/kg	86
20) Carbon Disulfide	4.81	76	126502	12.2829	ug/kg	100
21) Acrylonitrile	5.06	53	16080	15.2656	ug/kg	99
22) Methyl Tert Butyl Ether	5.14	73	136722	16.0868	ug/kg	100
23) trans-1,2-Dichloroethene	5.32	96	74655	21.4148	ug/kg	91
24) n-Hexane	5.44	57	79857	13.1834	ug/kg	98
25) Diisopropyl ether	5.84	45	851897	82.3554	ug/kg	97
26) Vinyl Acetate	5.99	43	122400	18.2331	ug/kg	97
27) 1,1-Dichloroethane	5.96	63	123297	19.7566	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.44	59	833191	88.2664	ug/kg	98
29) 2-Butanone	6.61	43	22182	15.4617	ug/kg	92
30) Propionitrile	6.68	54	32746	92.7868	ug/kg	97
31) 2,2-Dichloropropane	6.76	77	101102	19.0469	ug/kg	95
32) cis-1,2-Dichloroethene	6.83	96	78999	22.3132	ug/kg	90
33) Chloroform	7.04	83	116620	19.3221	ug/kg	99
34) Bromochloromethane	7.26	128	39020	22.5537	ug/kg	86
35) Tetrahydrofuran	7.33	42	66380	79.6988	ug/kg	89
37) 1,1,1-Trichloroethane	7.57	97	114675	19.8796	ug/kg	98
38) Cyclohexane	7.59	56	98770	14.9700	ug/kg	94
39) 1,1-Dichloropropene	7.80	75	95673	20.6951	ug/kg	96
40) Carbon Tetrachloride	7.91	117	106609	21.5229	ug/kg	99
41) Tert-Amyl-Methyl ether	7.96	73	687345	91.3517	ug/kg	99
43) 1,2-Dichloroethane	8.11	62	84446	18.2178	ug/kg	99
44) Benzene	8.13	78	278135	21.7056	ug/kg	99

(#) = qualifier out of range (m) = manual integration
 9M56755.D 826_SLST.M Fri Sep 14 11:59:13 2007

Data File : C:\MSDCHEM\1\data\091407\9M56755.D

Vial: 5

Acq On : 14 Sep 2007 11:36

Operator: MES

Sample : WG250097-03 20ug/Kg LCSDUP 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 14 11:59:12 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
45) Trichloroethene	8.92	130	90038	22.7810	ug/kg	97
46) Methylcyclohexane	9.00	83	101376	17.2183	ug/kg	94
47) 1,2-Dichloropropane	9.13	63	62861	20.8021	ug/kg	97
48) Bromodichloromethane	9.42	83	82189	20.5141	ug/kg	100
49) 1,4-Dioxane	9.48	88	4358	199.9917	ug/kg	91
50) Dibromomethane	9.48	93	38383	20.6409	ug/kg	96
51) 2-Chloroethyl Vinyl Ether	9.81	63	15938	13.5064	ug/kg	99
52) 4-Methyl-2-Pentanone	9.86	58	19736	18.5353	ug/kg	95
53) cis-1,3-Dichloropropene	10.10	75	97604	20.8643	ug/kg	98
54) Dimethyl Disulfide	10.32	79	35127	14.8705	ug/kg	93
57) Toluene	10.50	91	306001	21.6985	ug/kg	99
58) Ethyl Methacrylate	10.71	69	62937	18.7915	ug/kg	99
59) trans-1,3-Dichloropropene	10.72	75	84091	18.7480	ug/kg	97
60) 1,1,2-Trichloroethane	10.91	97	56941	22.0599	ug/kg	97
61) 2-Hexanone	10.92	43	34526	16.8793	ug/kg	78
62) 1,3-Dichloropropane	11.21	76	89392	20.3649	ug/kg	90
63) Tetrachloroethene	11.30	164	68333	22.1496	ug/kg	96
64) Dibromochloromethane	11.54	129	69142	21.8100	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	56334	21.3303	ug/kg	98
66) 1-Chlorohexane	11.99	91	87309	19.2133	ug/kg	93
67) Chlorobenzene	12.31	112	215005	21.6370	ug/kg	99
68) 1,1,1,2-Tetrachloroethane	12.35	131	74071	22.1695	ug/kg	98
69) Ethylbenzene	12.37	106	115230	22.6311	ug/kg	94
70) m-,p-Xylene	12.46	106	277597	45.2880	ug/kg	97
71) o-Xylene	13.00	106	130836	23.0124	ug/kg	95
72) Styrene	13.04	104	215901	23.8140	ug/kg	93
73) Bromoform	13.46	173	40690	21.7363	ug/kg	100
74) Isopropylbenzene	13.44	105	309459	20.7588	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	61101	21.6264	ug/kg	98
78) 1,2,3-Trichloropropane	13.83	110	22905	21.6405	ug/kg	95
79) trans-1,4-Dichloro-2-Butene	13.91	53	18389	15.1450	ug/kg	92
80) n-Propylbenzene	13.94	91	405622	21.5319	ug/kg	97
81) Bromobenzene	14.00	156	92297	22.3299	ug/kg	92
82) 1,3,5-Trimethylbenzene	14.14	105	289146	22.6909	ug/kg	97
83) 2-Chlorotoluene	14.16	91	276384	21.3231	ug/kg	96
84) 4-Chlorotoluene	14.22	91	236672	20.2229	ug/kg	97
85) a-Methylstyrene	14.53	118	148483	19.4337	ug/kg	98
86) tert-Butylbenzene	14.58	134	67716	23.1048	ug/kg	96
87) 1,2,4-Trimethylbenzene	14.63	105	303844	22.5170	ug/kg	97
88) sec-Butylbenzene	14.85	105	382655	22.3655	ug/kg	98
89) p-Isopropyltoluene	15.02	119	335473	22.5844	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	175982	21.9962	ug/kg	97
91) 1,4-Dichlorobenzene	15.27	146	178698	21.5208	ug/kg	97
92) n-Butylbenzene	15.53	91	293669	22.1644	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	164261	22.4767	ug/kg	98
94) 1,2-Dibromo-3-Chloropropan	16.73	157	15628	23.2068	ug/kg	88
95) 1,2,4-Trichlorobenzene	17.85	180	112745	23.1280	ug/kg	100
96) Hexachlorobutadiene	18.02	225	56415	22.1409	ug/kg	97
97) Naphthalene	18.17	128	265968	24.6532	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	104615	23.3003	ug/kg	98

(#) = qualifier out of range (m) = manual integration
9M56755.D 826_SLST.M Fri Sep 14 11:59:13 2007

Data File : C:\MSDCHEM\1\data\091407\9MS56755.D
Acq On : 14 Sep 2007 11:36
Sample : WG250097-03 20ug/Kg LCSDUP 8260
Misc : 7,1 STD21763
MS Integration Params: RTEINT.P
Quant Time: Sep 14 11:59 2007

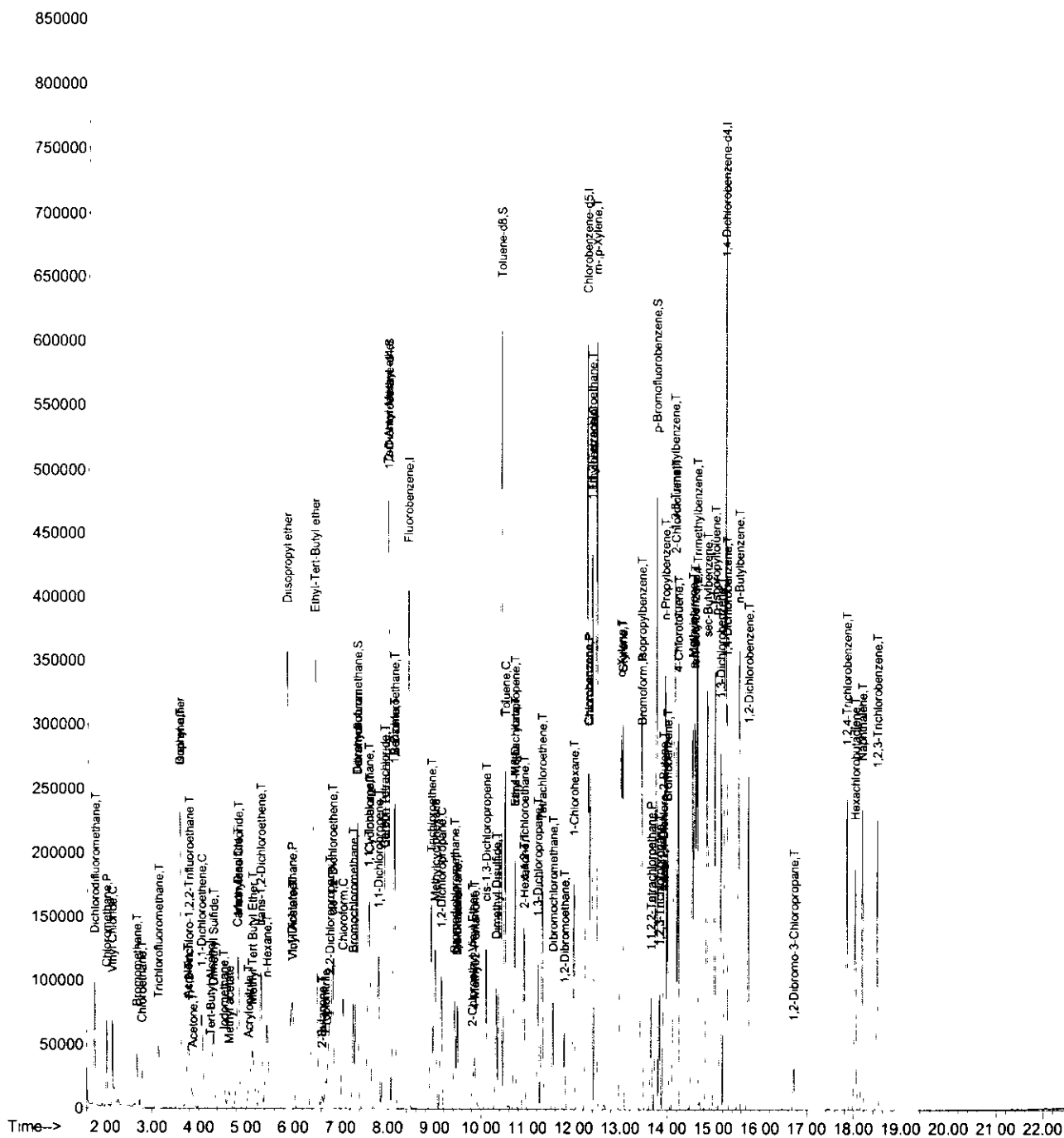
Vial: 5
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

```
Method       : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title        : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update   : Thu Aug 30 14:04:45 2007
Response via  : Initial Calibration
```

Abundance

TIC 9M56755.D



9M56755.D 826 SLST.M Fri Sep 14 11:59:14 2007

Page 3

2.2 General Chemistry Data

2.2.1 Percent Solids Data

2.2.1.1 Raw Data

Example Percent Solids Calculations

1.0 Calculating the percent solids of a sample.

$$\%Solids = \frac{WT3 - WT1}{WT2 - WT1} \times F$$

Where:

WT1 = Weight, in grams, of the empty container 1.30 g

WT2 = Weight, in grams, of the container and wet sample 21.274 g

WT3 = Weight, in grams, of the container and dried sample 5.21 g

F = Factor to get units as percent weight 100

%Solids = Percent solids present in sample. 19.58%

2.0 Calculating the percent moisture of a sample.

$$\% \text{ Moisture} = 100 - \% \text{ Solids from 1.0 calculation}$$

PERCENT SOLIDS

SOP K0003 Rev: 9Balance: OHAUS EIRW60 Other

Sample	Empty Pan WT 1	WET WT2	DRY WT 3A	WET WT 3B	DRY WT 3C
L0708812-07	1.20	18.79	16.34		
08	1.22	19.87	17.39		
09	1.20	16.21	14.03		
10	1.18	24.53	20.44		
11	1.18	21.03	19.49		
12	1.18	19.24	15.90		
13	1.16	18.41	15.78		
L0709092-01	1.23	16.37	14.37		
02	1.21	19.86	17.50		
03	1.21	16.89	15.11		
04	1.22	18.59	16.61		
05	1.22	18.30	15.57		
06	1.24	24.64	21.34		
07	1.25	19.94	18.14		
08	1.28	21.98	19.69		
09	1.24	16.90	14.84		
10	1.18	16.67	14.14		
L0709098-01	1.25	15.34	12.90		
L0709122-01	1.27	22.62	19.84		
~~L0709120-01~~	~~1.26~~	~~27.44~~	~~24.75~~		
Duplicate: L0709092-10	1.28	17.88	14.92		

Analyst: [Signature]
 ADT (on): 9/7/2007 1530
 ADT (off): 9/8/2007 0910
 ADT (off): _____

DCN#70887


[Signature]

Approved: September 12, 2007

KEMRON ENVIRONMENTAL SERVICES
PERCENT SOLID REPORT

Workgroup (AAB#):WG249612 Run Date:09/07/2007
Method:D2216-90 Run Time:15:30
Analyst:HJR

SAMPLE NUMBER	Pan WT.	Int WT.	Pol WT.	% Solid	% Moist	UNITS
L0708812-07	1.200	18.79	16.34	86.07		%
L0708812-08	1.220	19.87	17.39	86.70		%
L0708812-09	1.200	16.21	14.03	85.48		%
L0708812-10	1.180	24.53	20.44	82.48		%
L0708812-11	1.180	21.03	19.49	92.24		%
L0708812-12	1.180	19.24	15.90	81.51		%
L0708812-13	1.160	18.41	15.78	84.75		%
L0709092-01	1.230	16.37	14.37	86.79		%
L0709092-02	1.210	19.86	17.50	87.35		%
L0709092-03	1.210	16.89	15.11	88.65		%
L0709092-04	1.220	18.59	16.61	88.60		%
L0709092-05	1.220	18.30	15.57	84.02		%
L0709092-06	1.240	24.64	21.34	85.90		%
L0709092-07	1.250	19.94	18.14	90.37		%
L0709092-08	1.280	21.98	19.69	88.94		%
L0709092-09	1.240	16.90	14.84	86.85		%
L0709092-10	1.180	16.67	14.14	83.67		%
L0709098-01	1.250	15.34	12.90	82.68		%
L0709122-01	1.270	22.62	19.84	86.98		%
WG249612-01	1.180	16.67	14.14	83.67	16.33	%
WG249612-02	1.280	17.28	14.92	85.25	14.75	%

KEMRON FORMS - Modified 02/25/2007
Version 1.2
Report generated 09/10/2007 15:45

Summaison
Approved: September 12, 2007

2.2.2 Total Organic Carbon Data

2.2.2.1 Summary Data

Page 209

952 211

LABORATORY REPORT

L0709098

09/27/07 09:45

Submitted By

KEMRON Environmental Services

156 Starlite Drive

Marietta , OH 45750

(740) 373 - 4071

For

Account Name: CH2MHILL. Inc
115 Perimeter Center West
Suite 700
Atlanta, GA 30346
Attention: David Nelson

Account Number: 2736
Work ID: MEMPHIS DEPOT

P.O. Number: 913707

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
MW234_SS-81	L0709098-01	LYDKHN	1	07-SEP-07

Report Number: L0709098

Report Date : September 27, 2007

Sample Number: L0709098-01
Client ID: MW234 SS-81
Matrix: Soil
Workgroup Number: WG250758
Collect Date: 09/06/2007 17:05
Sample Tag: 01

PrePrep Method: NONE
Prep Method: LYDKHN
Analytical Method: LYDKHN
Analyst: DIH
Dilution: 1
Units: mg/kg

Instrument: TOC-VWP
Prep Date: 09/23/2007 11:50
Cal Date: 02/28/2007 09:24
Run Date: 09/23/2007 11:50
File ID: TC09-23-2007.06
Percent Solid: 82.7

Analyte
Total Organic Carbon

CAS. Number

Result
3500

Qual

RL
1210

MDL
605

1 of 1

2.2.2.2 QC Summary Data

**Total Organic Carbon Example Calculations
(Direct Readout Parameter)**

$$(\text{Readout})/(\text{dilution}) = \text{mg/L}$$

where:

Readout = direct readout from the instrument

dilution = dilution in decimal form (ex. 1/5 dilution = 0.2)

Date: 23-SEP-2007
Analyst: DIH
Analyst: NA
Method: TOC-SOIL
Instrument: TOC
Curve Workgroup: NA
Runlog ID
Analytical Workgroups: WG250758

Primary Reviewer
24-SEP-2007

Secondary Reviewer

German/Person

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

952 216

Analytical Method:LYDKHN
Login Number:L0709098

AAB#:WG250758

	Date	Date	Date	Max Hold	Time Held	Date	Max Hold	Time Held	
Client ID	Collected	Received	Extracted	Time Ext.	Ext.	Analyzed	Time Anal	Anal.	Q
MW234_SS-81	09/06/07	09/07/07	09/23/07	28	16.8	09/23/07	28	16.8	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

METHOD BLANK SUMMARY

Login Number:L0709098
Blank File ID:TC09-23-2007.03
Prep Date:09/23/07 10:00
Analyzed Date:09/23/07 10:00
Analyst:DIH

Work Group:WG250758
Blank Sample ID:WG250758-01
Instrument ID:TOC-VWP
Method:LYDKHN

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG250758-02	TC09-23-2007.04	09/23/07 10:10	01
LCS2	WG250758-03	TC09-23-2007.05	09/23/07 11:44	01
MW234_SS-81	L0709098-01	TC09-23-2007.06	09/23/07 11:50	01
DUP	WG250758-05	TC09-23-2007.12	09/23/07 12:30	01

METHOD BLANK REPORT

Login Number:L0709098 Prep Date:09/23/07 10:00 Sample ID:WG250758-01
Instrument ID:TOC-VWP Run Date:09/23/07 10:00 Prep Method:LYDKHN
File ID:TC09-23-2007.03 Analvst:DIH Method:LYDKHN
Workgroup (AAB#):WG250758 Matrix:Soil Units:mg/kg
Contract #:DACA87-02-D-0006 Cal ID:TOC-VW-20-SEP-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Total Organic Carbon	500	1000	500	1	U

MDL Method Detection Limit

RL Reporting/Practical Quantitation Limit

ND Analyte Not detected at or above reporting limit

* Analyte concentration > RL

952 219

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709098
Instrument ID:TOC-VWP
Workgroup (AAB#):WG250758
QC Key:STD

Analyst:DIH
Matrix:Soil

Prep Method:LYDKHN
Method:LYDKHN
Units:mg/kg

Lot #:STD16374

Sample ID:WG250758-02 LCS File ID:TC09-23-2007.04 Run Date:09/23/2007 10:10

Sample ID:WG250758-03 LCS2 File ID:TC09-23-2007.05 Run Date:09/23/2007 11:44

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD	
	Known	Found	% REC	Known	Found	% REC			Lmt	Q
Total Organic Carbon	8380	8240	98.3	8380	8860	106	7.36	70 - 140	50	

KEMRON FORMS - Modified 09/06/2007 - (CCV)
Version 1.5 PDF File ID: 884807
Report generated 09/26/2007 09:59

2.2.2.3 Raw Data



Total Organic Carbon (Soil)

Calibration curve <u>2/28/07</u>	LCS (TOC) <u>Std 16374</u>
CCV (TOC) <u>Std 15985</u>	MS (TOC) <u>—</u>
Daily dilution <u>40000</u>	
☒ Lloyd Kahn Method	SOP: K <u>5310</u> Rev. <u>7</u>
☐ Other	Instrument <u>Shimadzu TOC-VWP/SSM-5000A</u>

DAILY CHECK

☒ drain reservoir filled
☒ sufficient gas

☒ waste container
☒ tubing connections

Curve

Position	Sample ID	Weight (mg)
1	40000	100
2	20000	50
3	10000	25
4	4000	10
5	1200	3
6	800	2
7		
8	2nd (8380)	416.5
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Position	Sample ID	Weight (mg)
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		

Analyst: Heanna Roberts Date: 2/28/07 Time: 0853

DCN#68398



Approved: March 01, 2007

Instr Information

System
DetectorTOC/VW SSM
Wet Chemical

Heanna Roberts
2/28/2007
TOC-Soil Curve

Cal Curve

Sample Name:
Sample ID:
Cal. Curve
StatusCURVE
Untitled
SOILCURVE-2-28-2007.2007_02_28_08_47_48 cal
Completed

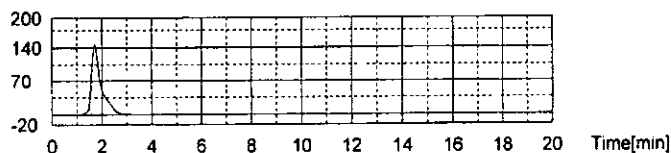
Type	Anal.	Density
Standard	SSM-TC	

AbsC: 4000ug

No.	Area	CNV	Abs C	Weight	Rem	Ex	Date / Time
1	395.6	395.6	4000ug	100.0mg	*****		02/28/2007 08:53:54 AM

Mean Area
Mean CNV395.6
395.6

Signal[mV]

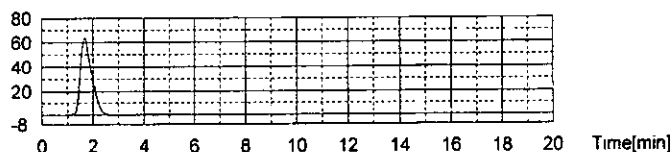


AbsC: 2000ug

No.	Area	CNV	Abs C	Weight	Rem	Ex	Date / Time
1	200.3	200.3	2000ug	50.00mg	*****		02/28/2007 08:59:23 AM

Mean Area
Mean CNV200.3
200.3

Signal[mV]

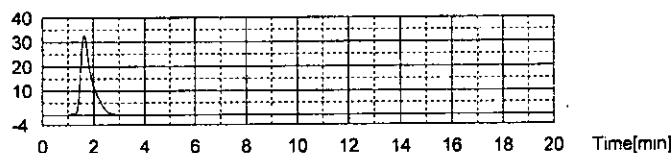


AbsC: 1000ug

No.	Area	CNV	Abs C	Weight	Rem	Ex	Date / Time
1	99.90	99.90	1000ug	25.00mg	*****		02/28/2007 09:05:03 AM

Mean Area
Mean CNV99.90
99.90

Signal[mV]



AbsC: 400.0ug

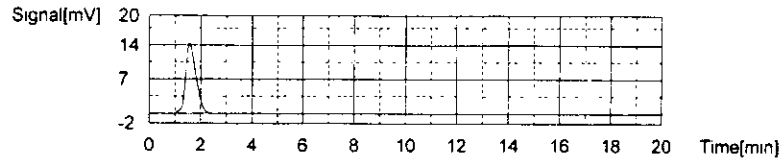
No.	Area	CNV	Abs C	Weight	Rem	Ex	Date / Time
1	40.19	40.19	400.0ug	10.00mg	*****		02/28/2007 09:10:03 AM

Heanna Roberts
Approved: March 01, 2007

02/28/2007 09:37:24 AM

02-28-2007-SOILCURVE t32

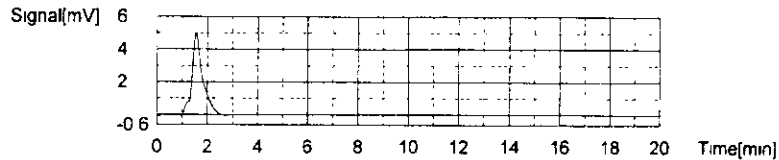
Mean Area 40.19
Mean CNV 40.19



AbsC 120.0ug

No	Area	CNV	Abs C	Weight	Rem	Ex	Date / Time
1	14.55	14.55	120.0ug	3.000mg	*****		02/28/2007 09:18:27 AM

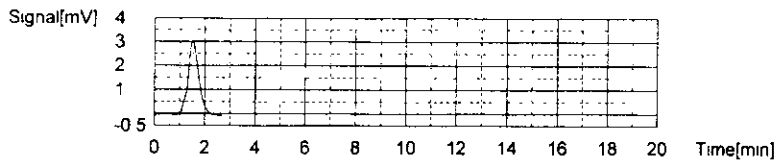
Mean Area 14.55
Mean CNV 14.55



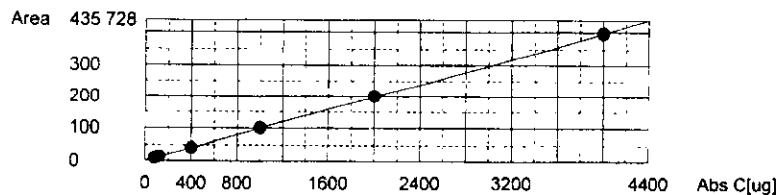
AbsC 80.00ug

No	Area	CNV	Abs C	Weight	Rem	Ex	Date / Time
1	9.076	9.076	80.00ug	2.000mg	*****		02/28/2007 09:24:31 AM

Mean Area 9.076
Mean CNV 9.076



Slope 0.09860
Intercept 1.706
 r^2 0.999959
Zero Shift No



Sample

Sample Name ICV 8380
Sample ID Untitled
Origin SOILCURVE-2-28-2007 cal
Status Completed
Chk Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 7631mg/L 91.06%

1 Det

Anal SSM-TC

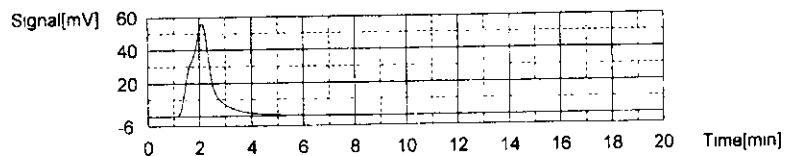
No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal Curve	Date / Time
1	315.1	315.1	3178ug	7631mg/L	416.5mg	416uL		SOILCURVE-2-28-2007 2007 02 28 08 47	02/28/2007 09:34:46 AM

Sirnaipson
Approved: March 01, 2007

02/28/2007 09:37:24 AM

02-28-2007-SOILCURVE t32

Mean Area 315.1
Mean CNV 315.1
Mean Conc 7631mg/L



3/3

S. Gunnarsson
Approved: March 01, 2007

	Sample Name	Result	Status	Date / Time
1	CURVE		Compl	02/28/2007 09 24:31 AM
2	ICV 8380	SSM-TC 763mg/L	Compl	02/28/2007 09 34:46 AM

02/28/2007 09 37:22 AM

1/1

Sannaipoon
Approved: March 01, 2007



Total Organic Carbon (Soil)

Calibration curve: <u>2/28/07</u>	LCS (TOC) <u>STD 16374 (8380 mg/kg)</u>
CCV (TOC): <u>STD 19511</u>	MS (TOC): <u>↓</u>
Daily dilution: <u>= 40,000 mg/kg</u>	
☒ Lloyd Kahn Method	SOP. K <u>5310</u> Rev. <u>7</u>
Other: _____	Instrument: Shimadzu TOC-VWP/SSM-5000A

DAILY CHECK

☒ drain reservoir filled
☒ sufficient gas

☒ waste container
☒ tubing connections

Position	Sample ID	Weight (mg)
1	CCV 40000	100
2	CCB	100
3	BLK	236.4
4	LCS	181.9
5	LCS DUP	396.8
6	09-098-01	589.1
7	09-200-01	344.3
8	09-321-05	266.5 *
9	06	100.0 *
10	MS07	294.3 *
11	MSD08	137.0 *
12	DUP 09	360.5 *
13	CCV	100
14	CCB	100
15	09-257-01	193.6
16	09-319-01	409.3
17	09-351-01	712.3
18	09-398-01	344.6
19	02	397.1
20	09-423-01	207.5
21	02	213.6
22	03	163.4
23	04	374.9
24	05	475.0
25	CCV	100

Position	Sample ID	Weight (mg)
26	CCB	100
27	09-423-06	419.7
28	07	513.6
29	CCV	100
30	CCB	100
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
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48		
49		
50		

Analyst: Deanne Benson Date: 9/23/09 Time: _____

* extreme air pressure due to samples
MSD (Lab accident)

DCN#71071





TOTAL SOIL WET WEIGHTS

LCS (8380 mg/kg): STD16374

ADT	SAMPLE	WEIGHT (mg)	COMMENTS
duh/9/23/0945	Blank	236.4	✓
	LCS	181.9	✓
	LCS DUP	396.8	✓
09-098-01	~~09-120-01~~ ~~2m~~	589.1	✓
09-200-01	~~02m~~	341.3	344.3 ✓
09-321-05	ref ~~03m~~	266.5	✓
06	~~04m~~	100.0	✓
MS 07	~~09-135-01~~	294.3/290.1	✓
MSD 08	~~09-098-01~~	137.0/142.1	✓
09-257-01	DUP	193.6	✓ clay
09-319-01	MS	409.3	✓ "
09-351-01		712.3	✓ "
09-398-01		344.6	✓ "
02		397.1	✓
DUP 321.5		360.5	✓
09-423-01		207.5	✓ tar/rock
02		213.6	✓ mulch
03		163.4	✓ "
04		374.9	✓ sand
05		475.0	✓ mulch
06		419.7	✓ sand
07		513.6	✓ "

	Analys	Sample Name	Result	Status	Date / Time
1	SSM-T	CCV 40000	SSM-TC:40465mg/L	Compl	09/23/2007 09:48:37 AM
2	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/23/2007 09:55:23 AM
3	SSM-T	WG250758-01 BLANK	SSM-TC:51.65mg/L	Compl	09/23/2007 10:00:18 AM
4	SSM-T	WG250758-02 LCS	SSM-TC:8235mg/L	Compl	09/23/2007 10:10:19 AM
5	SSM-T	WG250758-03 LCSDUP	SSM-TC:8864mg/L	Compl	09/23/2007 11:44:41 AM
6	SSM-T	L0709098-01	SSM-TC:2896mg/L	Compl	09/23/2007 11:50:42 AM
7	SSM-T	L0709200-01	SSM-TC:42.80mg/L	Compl	09/23/2007 11:55:39 AM
8	SSM-T	L0709321-05	SSM-TC:4871mg/L	Compl	09/23/2007 12:02:17 PM
9	SSM-T	L0709321-06	SSM-TC:5240mg/L	Compl	09/23/2007 12:06:53 PM
10	SSM-T	L0709321-07 MS	SSM-TC:21386mg/L	Compl	09/23/2007 12:16:05 PM
11	SSM-T	L0709321-08 MSD	SSM-TC:23681mg/L	Compl	09/23/2007 12:25:30 PM
12	SSM-T	WG250758-05 DUP	!!Error!! SSM-TC:-43.17mg/L	Compl	09/23/2007 12:30:50 PM
13	SSM-T	CCV	SSM-TC:38193mg/L	Compl	09/23/2007 12:41:26 PM
14	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/23/2007 12:48:47 PM
15	SSM-T	L0709257-01	SSM-TC:3094mg/L	Compl	09/23/2007 12:53:43 PM
16	SSM-T	L0709319-01	SSM-TC:3347mg/L	Compl	09/23/2007 12:59:15 PM
17	SSM-T	L0709351-01	SSM-TC:3164mg/L	Compl	09/23/2007 01:05:53 PM
18	SSM-T	L0709398-01	SSM-TC:2684mg/L	Compl	09/23/2007 01:11:22 PM
19	SSM-T	L0709398-02	SSM-TC:17203mg/L	Compl	09/23/2007 01:17:39 PM
20	SSM-T	L0709423-01	SSM-TC:5078mg/L	Compl	09/23/2007 01:26:31 PM
21	SSM-T	L0709423-02	SSM-TC:55186mg/L	Compl	09/23/2007 01:32:47 PM
22	SSM-T	L0709423-03	SSM-TC:49355mg/L	Compl	09/23/2007 01:39:09 PM
23	SSM-T	L0709423-04	SSM-TC:4244mg/L	Compl	09/23/2007 01:44:19 PM
24	SSM-T	L0709423-05	SSM-TC:5365mg/L	Compl	09/23/2007 01:50:08 PM
25	SSM-T	CCV	SSM-TC:38862mg/L	Compl	09/23/2007 01:56:02 PM
26	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/23/2007 02:02:39 PM
27	SSM-T	L0709423-06	!!Error!! SSM-TC:-41.22mg/L	Compl	09/23/2007 02:06:20 PM
28	SSM-T	L0709423-07	SSM-TC:16976mg/L	Compl	09/23/2007 02:16:20 PM
29	SSM-T	CCV	SSM-TC:39136mg/L	Compl	09/23/2007 02:41:11 PM
30	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/23/2007 02:47:18 PM

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL132

Instr. Information

System
DetectorTOC/VW SSM
Wet Chemical

Sample

Sample Name: CCV 40000
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

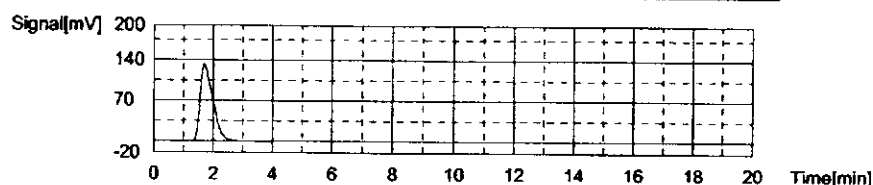
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:40465mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	400.7	400.7	4046ug	40465mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 09:48:37 AM

Mean Area: 400.7
 Mean CNV: 400.7
 Mean Conc: 40465mg/L



Sample

Sample Name: CCB
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

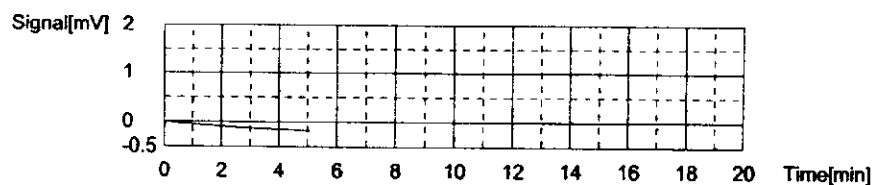
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	**Error** SSM-TC:-173.0mg/L

1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 09:55:23 AM

Mean Area: 0.000
 Mean CNV: 0.000
 Mean Conc: -173.0mg/L



Sample

Sample Name: WG250758-01 BLANK
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk. Result

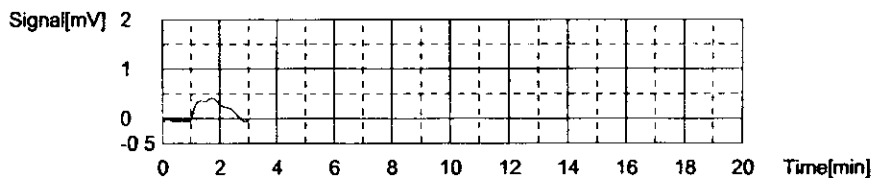
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC 51.65mg/L

1. Det

Anal.: SSM-TC

No	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal. Curve	Date / Time
1	2.910	2.910	12.21ug	51.65mg/L	236.4mg	236uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 10:00:18 AM

Mean Area 2.910
 Mean CNV 2.910
 Mean Conc 51.65mg/L



Sample

Sample Name: WG250758-02 LCS
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk. Result

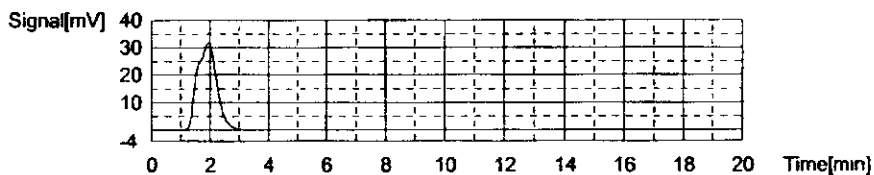
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC 8235mg/L

1 Det

Anal: SSM-TC

No	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal. Curve	Date / Time
1	149.4	149.4	1498ug	8235mg/L	181.9mg	181uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 10:10:19 AM

Mean Area 149.4
 Mean CNV 149.4
 Mean Conc 8235mg/L



Sample

Sample Name: WG250758-03 LCSDUP
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk. Result

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL.032

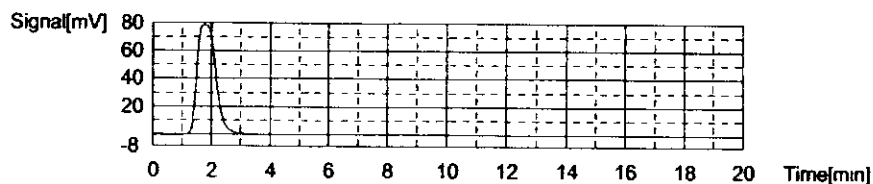
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:8864mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	348.5	348.5	3517ug	8864mg/L	396.8mg	396ul		SOILCURVE-2-28-2007 2007 02 28 08 47	09/23/2007 11:44:41 AM

Mean Area 348.5
Mean CNV 348.5
Mean Conc. 8864mg/L



Sample

Sample Name: L0709098-01
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk. Result

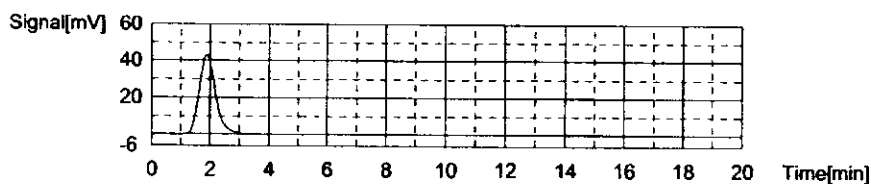
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:2896mg/L

1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	169.9	169.9	1706ug	2896mg/L	589.1mg	589ul		SOILCURVE-2-28-2007 2007 02 28 08 47	09/23/2007 11:50:42 AM

Mean Area 169.9
Mean CNV 169.9
Mean Conc 2896mg/L



Sample

Sample Name: L0709200-01
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:42.80mg/L

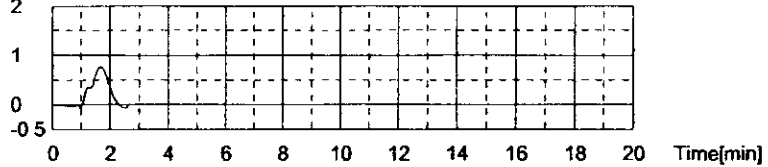
1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal. Curve	Date / Time
1	3.159	3.159	14.74ug	42.80mg/L	344.3mg	344uL		SOILCURVE-2-28-2007 2007 02 28 08 47	09/23/2007 11:55:39 AM

Mean Area 3.159
Mean CNV 3.159
Mean Conc. 42.80mg/L

Signal[mV] 2



Sample

Sample Name: L0709321-05
Sample ID: SOIL-02-28-2007 met
Origin: Completed
Status:
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:4871mg/L

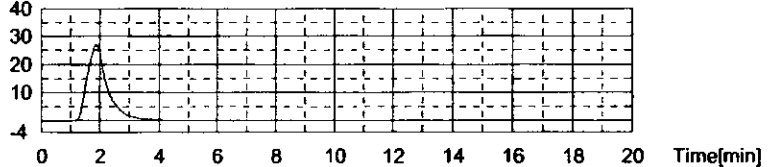
1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	129.7	129.7	1298ug	4871mg/L	266.5mg	266uL		SOILCURVE-2-28-2007 2007 02 28 08 47	09/23/2007 12:02:17 PM

Mean Area 129.7
Mean CNV 129.7
Mean Conc. 4871mg/L

Signal[mV] 40



Sample

Sample Name: L0709321-06
Sample ID: SOIL-02-28-2007 met
Origin: Completed
Status:
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:5240mg/L

1 Det

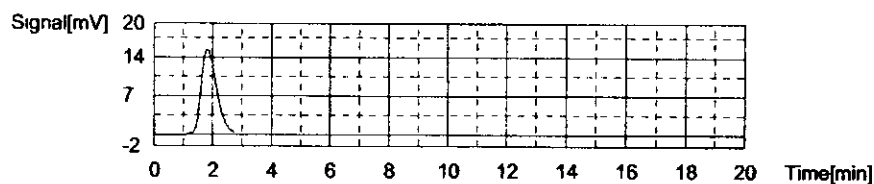
Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	53.37	53.37	524.0ug	5240mg/L	100.0mg	100uL		SOILCURVE-2-28-2007 2007 02 28 08 47	09/23/2007 12:08:53 PM

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL t32

Mean Area 53.37
 Mean CNV 53.37
 Mean Conc 5240mg/L



Sample

Sample Name: L0709321-07 MS
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result

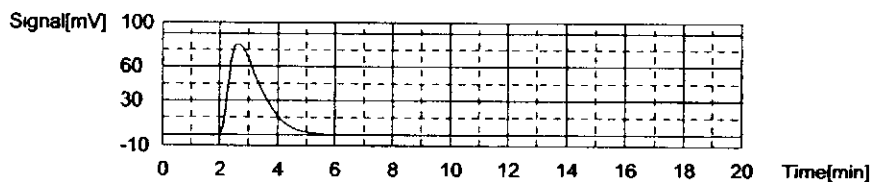
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:21386mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal Curve	Date / Time
1	622.3	622.3	6294ug	21386mg/L	294.3mg	294ul		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 12:16:05 PM

Mean Area 622.3
 Mean CNV 622.3
 Mean Conc 21386mg/L



Sample

Sample Name: L0709321-08 MSD
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:23681mg/L

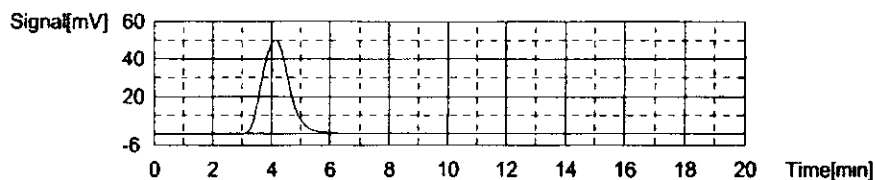
1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal Curve	Date / Time
1	321.6	321.6	3244ug	23681mg/L	137.0mg	137ul		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 12:25:30 PM

5/15

Mean Area 321.6
Mean CNV 321.6
Mean Conc. 23681mg/L



Sample

Sample Name: WG250758-05 DUP
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk. Result

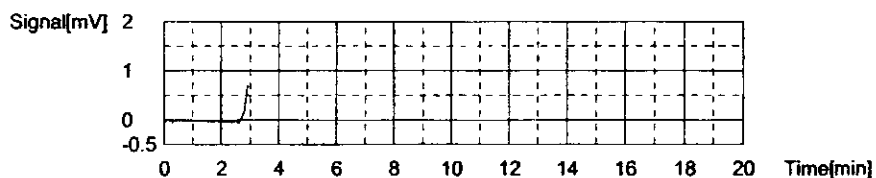
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	"Error!! SSM-TC-43.17mg/L

1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.1715	0.1715	-15.56ug	-43.17mg/L	360.5mg	360ul		SOILCURVE-2-28-2007 2007 02 28 08 47	409/23/2007 12:30:50 PM

Mean Area 0.1715
Mean CNV 0.1715
Mean Conc. -43.17mg/L



Sample

Sample Name: CCV
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:38193mg/L

1 Det

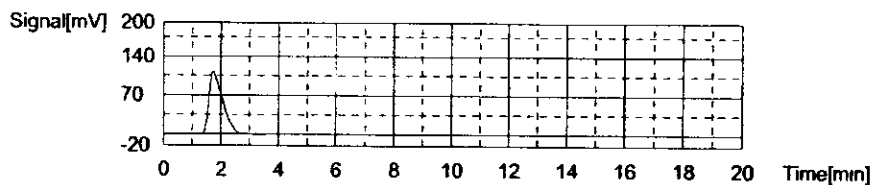
Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	378.3	378.3	3819ug	38193mg/L	100.0mg	100ul		SOILCURVE-2-28-2007 2007 02 28 08 47	409/23/2007 12:41:26 PM

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL.t32

Mean Area 378.3
 Mean CNV 378.3
 Mean Conc. 38193mg/L



Sample

Sample Name: CCB
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

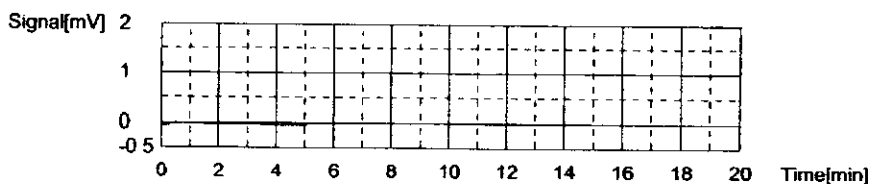
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	"Error!! SSM-TC.-173.0mg/L

1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100ul		SOILCURVE-2-28-2007 2007 02 28 08 47 409/23/2007 12:48:47 PM	

Mean Area 0.000
 Mean CNV 0.000
 Mean Conc. -173.0mg/L



Sample

Sample Name: L0709257-01
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

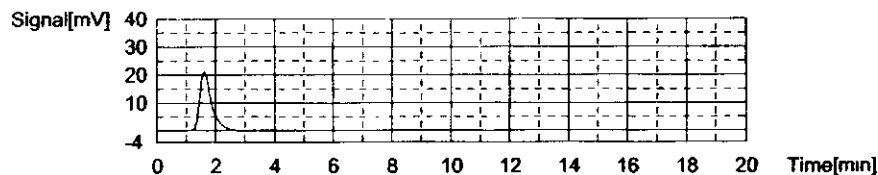
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:3094mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	60.77	60.77	598.0ug	3094mg/L	193.6mg	193ul		SOILCURVE-2-28-2007 2007 02 28 08 47 409/23/2007 12:53:43 PM	

Mean Area 60.77
 Mean CNV 60.77
 Mean Conc. 3094mg/L



Sample

Sample Name L0709319-01
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status Completed
 Chk. Result

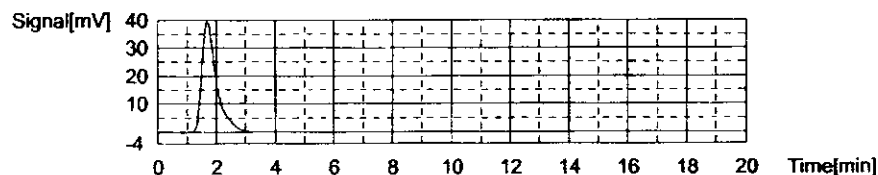
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:3347mg/L

1. Det

Anal. SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	136.8	136.8	1370ug	3347mg/L	409.3mg	409uL		SOILCURVE-2-28-2007.2007_02_28_08_47	409/23/2007 12:59:15 PM

Mean Area 136.8
 Mean CNV 136.8
 Mean Conc. 3347mg/L



Sample

Sample Name: L0709351-01
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status Completed
 Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:3164mg/L

1 Det

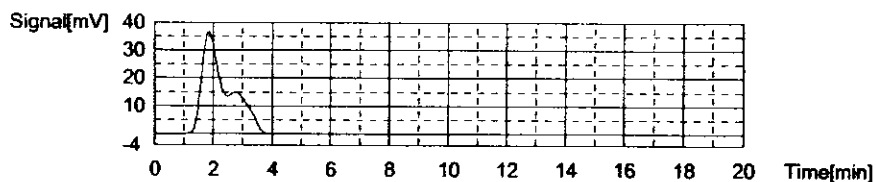
Anal. SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	223.9	223.9	2253ug	3164mg/L	712.3mg	712uL		SOILCURVE-2-28-2007.2007_02_28_08_47	409/23/2007 01:05:53 PM

09/23/2007 02:47:32 PM

09-23-2007-DIM-SOIL.i32

Mean Area 223.9
 Mean CNV 223.9
 Mean Conc. 3164mg/L



Sample

Sample Name: L0709398-01
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result

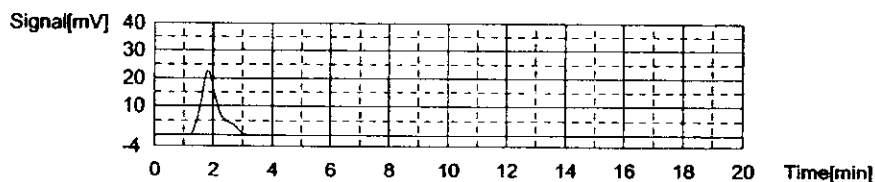
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:2684mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	92.92	92.92	925.1ug	2684mg/L	344.6mg	344uL		SOILCURVE-2-28-2007.2007.02.28.08.47	09/23/2007 01:11:22 PM

Mean Area 92.92
 Mean CNV 92.92
 Mean Conc 2684mg/L



Sample

Sample Name: L0709398-02
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result

Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:17203mg/L

1 Det

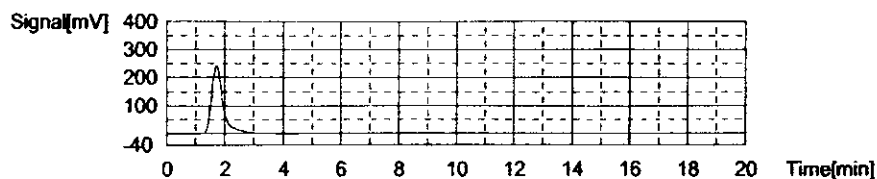
Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	675.3	675.3	6831ug	17203mg/L	397.1mg	397uL		SOILCURVE-2-28-2007.2007.02.28.08.47	09/23/2007 01:17:39 PM

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL132

Mean Area 675.3
 Mean CNV 675.3
 Mean Conc 17203mg/L



Sample

Sample Name: L0709423-01
 Sample ID
 Origin: SOIL-02-28-2007.met
 Status Completed
 Chk Result

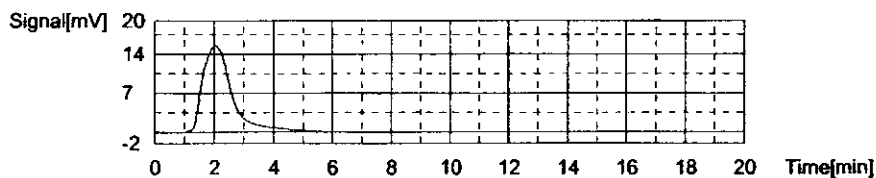
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:5078mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	105.6	105.6	1054ug	5078mg/L	207.5mg	207ul		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 01:26:31 PM

Mean Area 105.6
 Mean CNV 105.6
 Mean Conc 5078mg/L



Sample

Sample Name: L0709423-02
 Sample ID
 Origin: SOIL-02-28-2007.met
 Status Completed
 Chk Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:55186mg/L

1 Det

Anal: SSM-TC

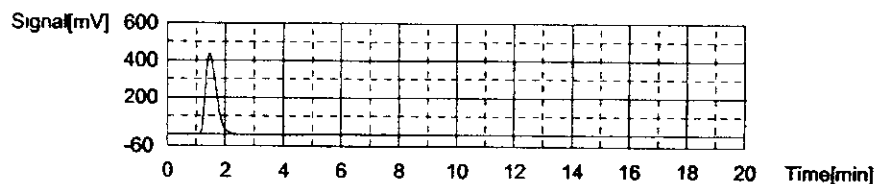
No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal. Curve	Date / Time
1	1164	1164	11788ug	55186mg/L	213.6mg	213ul		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 01:32:47 PM

10/15

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL.t32

Mean Area 1164
 Mean CNV 1164
 Mean Conc 55186mg/L



Sample

Sample Name: L0709423-03
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk Result

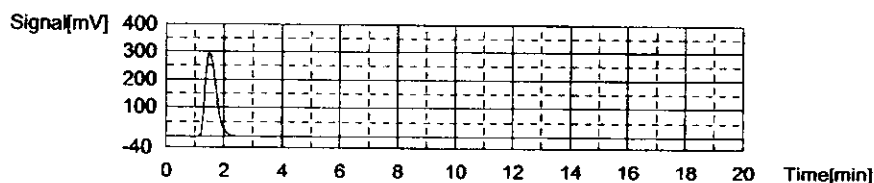
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:49355mg/L

1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	796.9	796.9	8065ug	49355mg/L	163.4mg	163uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 01:39:09 PM

Mean Area 796.9
 Mean CNV 796.9
 Mean Conc. 49355mg/L



Sample

Sample Name: L0709423-04
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk Result

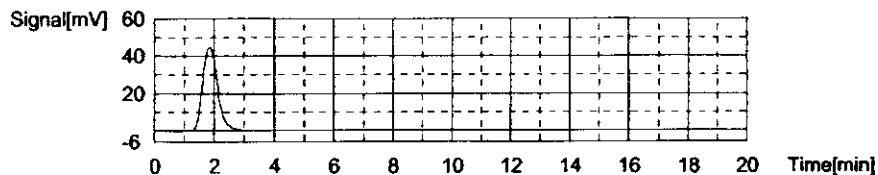
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:4244mg/L

1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	158.6	158.6	1591ug	4244mg/L	374.9mg	374uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 01:44:19 PM

Mean Area 158.6
 Mean CNV 158.6
 Mean Conc. 4244mg/L



Sample

Sample Name: L0709423-05
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result

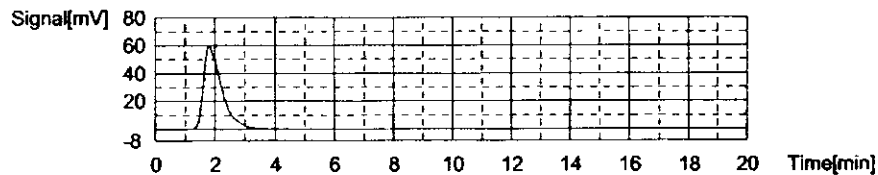
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1 000	1 000mg/uL	SSM-TC:5365mg/L

1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	253.0	253.0	2549ug	5365mg/L	475.0mg	475uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/23/2007 01:50:08 PM

Mean Area 253.0
 Mean CNV 253.0
 Mean Conc. 5365mg/L



Sample

Sample Name: CCV
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1 000	1 000mg/uL	SSM-TC:38862mg/L

1. Det

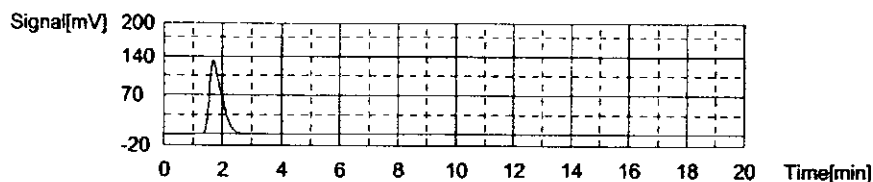
Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal. Curve	Date / Time
1	384.9	384.9	3886ug	38862mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/23/2007 01:56:02 PM

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL132

Mean Area 384.9
 Mean CNV 384.9
 Mean Conc. 38862mg/L



Sample

Sample Name CCB
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status Completed
 Chk. Result

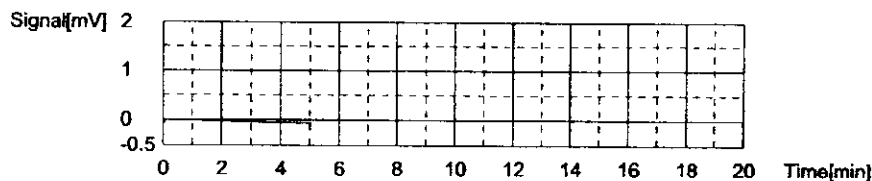
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	!!Error!! SSM-TC -173.0mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100ul		SOILCURVE-2-28-2007.2007_02_28_08_47	09/23/2007 02:02:39 PM

Mean Area 0.000
 Mean CNV 0.000
 Mean Conc. -173.0mg/L



Sample

Sample Name: L0709423-06
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status Completed
 Chk. Result

Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	!!Error!! SSM-TC:-41.22mg/L

1 Det

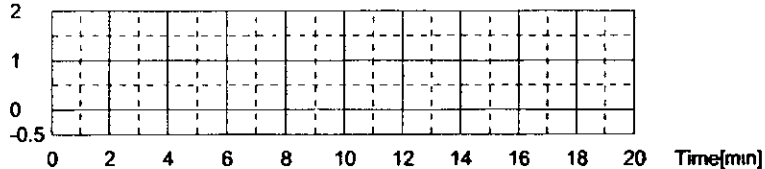
Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-41.22mg/L	419.7mg	419ul		SOILCURVE-2-28-2007.2007_02_28_08_47	09/23/2007 02:06:20 PM

13/15

Mean Area 0.000
Mean CNV 0.000
Mean Conc -41.22mg/L

Signal[mV] 2



Sample

Sample Name: L0709423-07
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:16976mg/L

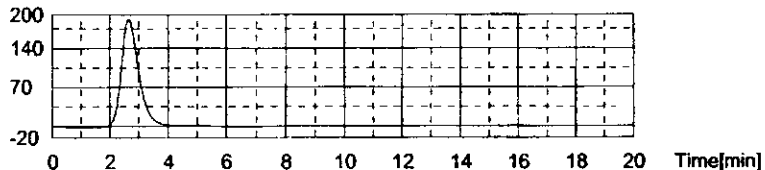
1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	861.4	861.4	8719ug	16976mg/L	513.6mg	513uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/23/2007 02:16:20 PM

Mean Area 861.4
Mean CNV 861.4
Mean Conc. 16976mg/L

Signal[mV] 200



Sample

Sample Name: CCV
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:39136mg/L

1 Det

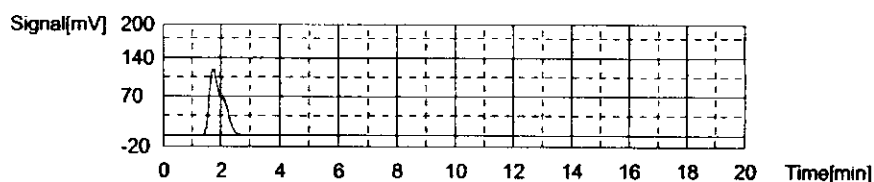
Anal: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	387.6	387.6	3914ug	39136mg/L	100.0mg	100uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/23/2007 02:41:11 PM

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL132

Mean Area 387.6
 Mean CNV 387.6
 Mean Conc 39136mg/L



Sample

Sample Name: CCB
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result

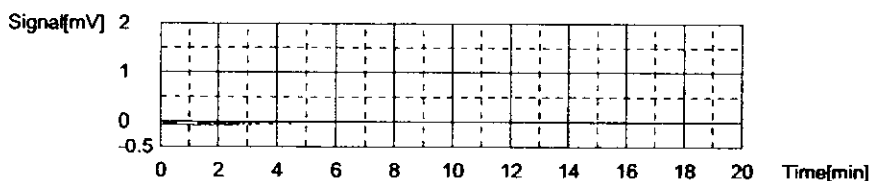
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1 000	1 000mg/ul	"Error" SSM-TC:-173.0mg/L

1 Det

Anal SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100ul		SOILCURVE-2-28-2007_2007_02_28_08_47_40	09/23/2007 02:47:18 PM

Mean Area 0.000
 Mean CNV 0.000
 Mean Conc. -173.0mg/L



3.0 Attachments

Kemron Environmental Services
Analyst Listing
September 27, 2007

AJF - AMANDA J. FICKIESEN	ALB - ANNIE L. BOCK	AML - ANTHONY M. LONG
ARA - ADRIAN R. ACHTERMANN	ASP - AARON S. PETRIE	BRG - BRENDA R. GREGORY
CAA - CASSIE A. AUGENSTEIN	CAF - CHERYL A. FLOWERS	CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD	CLW - CHARISSA L. WINTERS	CM - CHARLIE MARTIN
CMS - CRYSTAL M. STEPHENS	CPD - CHAD P. DAVIS	CSH - CHRIS S. HILL
DD - DIANE M. DENNIS	DDE - DEBRA D. ELLIOTT	DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG	DGB - DOUGLAS G. BUTCHER	DIH - DEANNA I. HESSON
DLB - DAVID L. BUMGARNER	DLP - DOROTHY L. PAYNE	DLR - DIANNA L. RAUCH
DR - DEANNA ROBERTS	DRP - DAVE R. PITZER	DSF - DEBRA S. FREDERICK
DST - DENNIS S. TEPE	ECL - ERIC C. LAWSON	ED - EMILY E. DECKER
ERE - ERIN R. ELDER	FJB - FRANCES J. BOLDEN	HAV - HEMA VILASAGAR
HJR - HOLLY J. REED	JAB - JUANITA A. BECKER	JAL - JOHN A. LENT
JBK - JEREMY B. KINNEY	JCO - JOE C. OWENS	JDH - JUSTIN D. HESSON
JKP - JACQUELINE K. PARSONS	JKT - JANE K. THOMPSON	JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES	JYH - JI Y. HU	KCZ - KEVIN C. ZUMBRO
KEB - KATHRYN E. BARNES	KHR - KIM H. RHODES	KJW - KATIE J. WIEFERICH
KRA - KATHY R. ALBERTSON	KRV - KATHRINE R. VICKERS	LKN - LINDA K. NEDEFF
LSB - LESLIE S. BUCINA	MDA - MIKE D. ALBERTSON	MDC - MICHAEL D. COCHRAN
MES - MARY E. SCHILLING	MKZ - MARILYN K. ZUMBRO	MLR - MARY L. ROCHOTTE
MMB - MAREN M. BEERY	MRT - MICHELLE R. TAYLOR	MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH	PJM - PAUL J. MILLER	RAH - ROY A. HALSTEAD
RB - ROBERT BUCHANAN	REK - ROBERT E. KYER	RLF - RACHEL L. FRYE
RLK - ROBIN L. KLINGER	RNP - RICK N. PETTY	RWC - RODNEY W. CAMPBELL
SLM - STEPHANIE L. MOSSBURG	SLP - SHERI L. PFALZGRAF	SMH - SHAUNA M. HYDE
TDH - TRICIA D. HUCK	TMB - TIFFANY M. BAILEY	TMM - TAMMY M. MORRIS
VC - VICKI COLLIER	WFM - WALTER F. MARTIN	

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value
>	Result is greater than the associated numerical value
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL
J,P	Estimate, columns don't agree to within 40%
J,S	Estimated concentration, analyzed by method of standard addition (MSA)
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect, the concentration is an estimate due to matrix effect
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
ND,L	Not detected; sample reporting limit (RL) elevated due to interference
ND,S	Not detected; analyzed by method of standard addition (MSA)
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail See narrative
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
X, S	Exceeds regulatory limit, method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

- 1 Acrolein and acrylonitrile by method 624 are semi-quantitative screens only
- 2 1,2-Diphenylhydrazine is unstable and is reported as azobenzene
- 3 N-nitrosodiphenylamine cannot be separated from diphenylamine
- 4 3-Methylphenol and 4-Methylphenol are unresolvable compounds
- 5 m-Xylene and p-Xylene are unresolvable compounds
- 6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent

Phone: 740-373-4071
Fax: 740-373-4835



CHAIN-OF-CUSTODY RECORD

COC No. A 74046
156 Starlite Drive
Marietta, OH 45750

[illegible]

*Homogenize all composite samples prior to analysis

Client:	CPH 2m Hill			
Workorder Number:	B 8434			
Date Received:	9-7-07			
Delivered by:	☒ Fedx	☐ UPS	☐ Client	☐ Courier Time: 1040
Opened by:	RLK			
IR Temp Gun:	(40)	(1) G		
Logged by:	BLG		L 9-98	

Cooler information

Cooler ID	Temp C	Airbill#	COC#	Other
376	4	86276301 8852	74046	Terra Core; soil

Inspection Checklist

	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?	☒	☐	☐	
Were custody seals intact?	☒	☐	☐	
Were cooler temperatures in range of 0 - 6?	☒	☐	☐	
Was ice present?	☒	☐	☐	
Were COC's received/information complete/signed/dated?	☒	☐	☐	
Were sample containers and labels intact?	☒	☐	☐	
Were correct containers used?	☒	☐	☐	
Were correct preservatives used (water only)?	☒	☐	☒ (RK)	
Were pH ranges acceptable?	☐	☐	☒	
Were VOA samples free of headspace?	☐	☐	☒	
Were samples received within EPA hold times?	☐	☐	☐	

Discrepancy/Comments/Other Problems

Distribution

Name of KEMRON representative
Client/Company:
Person Contacted:
Date contacted:

Resolution/other comments:

KEMRON Environmental Services
Internal Chain of Custody Report

952 250

Login: L0709098
Account: 2736
Project: 2736.034
Samples: 2
Due Date: 21-SEP-2007

Samplenum Container ID Products
L0709098-02 370906 826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	07-SEP-2007 11:05	BRG	
2	ANALYZ	V1	ORG4	07-SEP-2007 11:32	KJW	RLK
3	STORE	ORG4	A2	21-SEP-2007 11:18	ERE	MRT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	07-SEP-2007 11:05	BRG	
2	ANALYZ	V1	ORG4	07-SEP-2007 11:32	KJW	RLK
3	STORE	ORG4	A2	21-SEP-2007 11:18	ERE	MRT

Samplenum Container ID Products
L0709098-01 370904 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	07-SEP-2007 11:04	BRG	
2	ANALYZ	W1	WET	07-SEP-2007 15:00	JDH	RLK
3	STORE	WET	W1	07-SEP-2007 15:24	RLK	JDH
4	STORE	W1	A2	21-SEP-2007 07:58	RLK	RLK

Samplenum Container ID Products
L0709098-01 370903 TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	07-SEP-2007 11:04	BRG	
2	ANALYZ	W1	WET	23-SEP-2007 09:26	DIH	JKT
3	STORE	WET	A2	24-SEP-2007 07:32	JKT	DIH
4	ANALYZ	W1	A2	25-SEP-2007 07:49	RLK	RLK

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report

952 251

Login: L0709098
Account: 2736
Project: 2736.034
Samples: 2
Due Date: 21-SEP-2007

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709098-01	370905	G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	07-SEP-2007 11:05	BRG	
2	ANALYZ	F1	VOAY	07-SEP-2007 11:32	KJW	RLK
3	STORE	VOAY	A1	21-SEP-2007 11:13	ERE	MRT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	07-SEP-2007 11:05	BRG	
2	ANALYZ	F1	VOAY	07-SEP-2007 11:32	KJW	RLK
3	STORE	VOAY	A1	21-SEP-2007 11:13	ERE	MRT

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	07-SEP-2007 11:05	BRG	
2	ANALYZ	F1	VOAY	07-SEP-2007 11:32	KJW	RLK
3	STORE	VOAY	A1	21-SEP-2007 11:13	ERE	MRT

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login



156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • <http://www.kemron.com>

Laboratory Report Number: L0709038

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box below at 800-373-4071. Team member e-mail addresses also appear here for your convenience

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delliott@kemron-lab.com

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smossburg@kemron-lab.com

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kbarnes@kemron-lab.com

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bgregory@kemron-lab.com

Jacqueline Parsons - Team Assistant
jparsons@kemron-lab.com

This report was reviewed on September 19, 2007.

KATHY ALBERTSON - Team Chemist/Data Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on September 19, 2007.

David Vandenberg - Vice President

FL DOH NELAP ID: E8755

This report contains a total of 282 pages.

Protecting Our Environmental Future



KEMRON REPORT L0709038
PREPARED FOR CH2MHILL, Inc
WORK ID: MEMPHIS TN

1.0 Introduction	3
2.0 Full Sample Data Package	6
2.1 Volatiles Data	7
2.1.1 Volatiles GCMS Data (8260)	8
2.1.1.1 Summary Data	9
2.1.1.2 QC Summary Data	16
2.1.1.3 Sample Data	83
2.1.1.4 Standards Data	98
2.1.1.5 Raw QC Data	194
2.2 General Chemistry Data	226
2.2.1 Percent Solids Data	227
2.2.1.1 Raw Data	228
2.2.2 Total Organic Carbon Data	232
2.2.2.1 Summary Data	233
2.2.2.2 QC Summary Data	237
2.2.2.3 Raw Data	244
3.0 Attachments	276

1.0 Introduction

LABORATORY REPORT

952 255

L0709038

09/19/07 10:28

Submitted By

KEMRON Environmental Services

156 Starlite Drive

Marietta , OH 45750

(740) 373 - 4071

For

Account Name: CH2MHILL, Inc
115 Perimeter Center West
Suite 700
Atlanta, GA 30346
Attention: David Nelson

Account Number: 2736
Work ID: MEMPHIS DEPOT

P.O. Number: 913707

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
MW235_SS_65	L0709038-01	09/04/2007 14:30	09/05/2007
TB-1_0904	L0709038-02	09/04/2007	09/05/2007

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0709038.

CHAIN OF CUSTODY: The chain of custody number was 74044.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 8 degrees C.

SAMPLE MANAGEMENT: All samples received were intact.

L0709038-01 MW235_SS_65

L0709038-02 TB-1_0904

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: KRA

Approved: 06-SEP-07

[Signature]

2.0 Full Sample Data Package

2.1 Volatiles Data

2.1.1 Volatiles GCMS Data (8260)

2.1.1.1 Summary Data

KEMRON ENVIRONMENTAL SERVICES
GC/MS VOLATILE ORGANICS

952 261

KEMRON Login No.: L0709038

METHOD

Preparation: SW-846 5030B, 5035

Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Samples collected via 5035 preserved by freezing. Sample preparation preceded normally.

CALIBRATION

Initial Calibration: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: All acceptance criteria were met.

Matrix Spike: The MS/MSD results were not associated with this sample delivery group (SDG), due to insufficient volume of sample. The laboratory included an LCS and LCS duplicate in the preparation batch in lieu of the NELAC prescribed MS/MSD. Kemron recommends site specific MS/MSD samples to avoid possible data qualifications.

SAMPLES

Internal Standards: 1,4-Dichlorobenzene-d4 and chlorobenzene-d5 were below the lower control limits in the analysis of sample 01. 1,4-Dichlorobenzene-d4 was below the lower control limit in the re-analysis of sample 01. All other acceptance criteria were met.

Surrogates: 4-Bromofluorobenzene and toluene-d8 exceeded the upper control limits in the analysis of sample 01. Toluene-d8 exceeded the upper control limit in the re-analysis of sample 01. All other acceptance criteria were met.

Samples: All acceptance criteria were met.

KEMRON laboratory management has identified four general cases with valid reasons supporting the use of manual integration techniques.

Reason #1: Data System Fails to Select Correct Peak

In some cases the chromatography system selects and integrates the "wrong peak". In this case the analyst must correct the selection and force the system to integrate the proper peak. Other times the system may miss the peak completely.

Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak.

This phenomena is common at low concentrations where the signal:noise ratio is low. A single compound (peak) is incorrectly split into multiple peaks or integrated as a main peak with one or more rider peaks resulting in low area counts for the target compound.

Reason #3: Improperly Integrated Isomers and/or coeluting compounds.

This system often fails to distinguish coeluting compounds and or isomers. The integration areas and concentrations are wrong, and they must be corrected by manual integration. Prime examples are benzo(k)fluoranthene and benzo(b)fluoranthene which are often unresolved and integrated improperly when both are present at low concentrations in standards or samples.

Reason #4: System Establishes Incorrect Baseline

There are numerous situations in chromatography where the system establishes the baseline incorrectly. Some baseline errors will be obvious to the analyst and should be corrected via manual procedures.

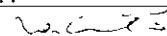
Reason #5: Miscellaneous

Other situations involving integration errors may require in-depth review and technical judgment. These cases should be brought to the attention of the laboratory management. If the form of manual integration is not clearly covered by these four cases, then review and approval by the Laboratory Director or the QA/QC Supervisor will be required.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: MES

Approved: 18-SEP-07



LABORATORY REPORT

952 263

L0709038

09/19/07 08:27

Submitted By

KEMRON Environmental Services

156 Starlite Drive

Marietta, OH 45750

(740) 373-4071

For

Account Name: CH2MHILL, Inc
115 Perimeter Center West
Suite 700
Atlanta, GA 30346
Attention: David Nelson

Account Number: 2736
Work ID: MEMPHIS DEPOT

P.O. Number: 913707

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
MW235_SS_65	L0709038-01	8260B	1	05-SEP-07
MW235_SS_65	L0709038-01	8260B	1	05-SEP-07
TB-1_0904	L0709038-02	8260B	1	05-SEP-07

Report Number: L0709038

Report Date : September 19, 2007

952 264

Sample Number L0709038-01
 Client ID: MW235 SS 65
 Matrix Soil
 Workgroup Number: WG249773
 Collect Date 09/04/2007 14:30
 Sample Tag: A1

PrePrep Method: NONE
 Prep Method 5030B
 Analytical Method: 8260B
 Analyst: MES
 Dilution: 1
 Units ug/kg

Instrument: HPMS9
 Prep Date: 09/11/2007 18:55
 Cal Date: 08/14/2007 16:27
 Run Date: 09/11/2007 18:55
 File ID: 9M56682
 Percent Solid: 74.4

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1	65.3		12.5	6.23
Benzene	71-43-2		U	1.25	0.623
Bromodichloromethane	75-27-4		U	2.49	0.623
Bromoform	75-25-2		U	6.23	0.623
Bromomethane	74-83-9		U	6.23	1.25
2-Butanone	78-93-3		U	6.23	3.12
Carbon disulfide	75-15-0	1.35	J	6.23	0.623
Carbon tetrachloride	56-23-5		U	6.23	0.623
Chlorobenzene	108-90-7		U	6.23	0.623
Chlorodibromomethane	124-48-1		U	2.49	0.623
Chloroethane	75-00-3		U	6.23	1.25
Chloroform	67-66-3		U	2.49	0.623
Chloromethane	74-87-3		U	6.23	2.49
1,1-Dichloroethane	75-34-3		U	2.49	1.25
1,2-Dichloroethane	107-06-2		U	2.49	0.623
1,1-Dichloroethene	75-35-4		U	6.23	0.623
cis-1,2-Dichloroethene	156-59-2		U	6.23	0.623
trans-1,2-Dichloroethene	156-60-5		U	2.49	0.623
1,2-Dichloropropane	78-87-5		U	2.49	0.623
cis-1,3-Dichloropropene	10061-01-5		U	2.49	0.623
trans-1,3-Dichloropropene	10061-02-6		U	2.49	0.623
Ethylbenzene	100-41-4		U	1.25	0.623
2-Hexanone	591-78-6		U	6.23	3.12
Methylene chloride	75-09-2		U	6.23	1.25
MIBK (methyl isobutyl ketone)	108-10-1		U	6.23	3.12
Styrene	100-42-5		U	2.49	0.623
1,1,2,2-Tetrachloroethane	79-34-5		U	2.49	0.623
Tetrachloroethene	127-18-4		U	6.23	0.623
Toluene	108-88-3		U	1.25	0.623
1,1,1-Trichloroethane	71-55-6		U	2.49	0.623
1,1,2-Trichloroethane	79-00-5		U	6.23	0.623
Trichloroethene	79-01-6		U	6.23	0.623
Vinyl chloride	75-01-4		U	2.49	1.25
o-Xylene	95-47-6		U	1.25	0.623
m-,p-Xylene	136777-61-2		U	1.25	0.623
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	112	80	120		
1,2-Dichloroethane-d4	98.5	80	120		
Toluene-d8	128	81	117	*	
4-Bromofluorobenzene	117	74	121		

U Not detected at or above adjusted sample detection limit

J The analyte was positively identified, but the quantitation was below the RL

* Surrogate or spike compound out of range

Report Number: L0709038

Report Date : September 19, 2007

952 265

Sample Number L0709038-01
 Client ID: MW235 SS 65
 Matrix: Soil
 Workgroup Number: WG249681
 Collect Date: 09/04/2007 14:30
 Sample Tag 01

PrePrep Method NONE
 Prep Method 5030B
 Analytical Method: 8260B
 Analyst: MES
 Dilution: 1
 Units: ug/kg

Instrument: HPMS9
 Prep Date: 09/10/2007 18:10
 Cal Date: 08/14/2007 16:27
 Run Date: 09/10/2007 18:10
 File ID: 9MS6652
 Percent Solid: 74.4

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1	71.3		12.7	6.37
Benzene	71-43-2		U	1.27	0.637
Bromodichloromethane	75-27-4		U	2.55	0.637
Bromoform	75-25-2		U	6.37	0.637
Bromomethane	74-83-9		U	6.37	1.27
2-Butanone	78-93-3		U	6.37	3.19
Carbon disulfide	75-15-0	1.47	J	6.37	0.637
Carbon tetrachloride	56-23-5		U	6.37	0.637
Chlorobenzene	108-90-7		U	6.37	0.637
Chlorodibromomethane	124-48-1		U	2.55	0.637
Chloroethane	75-00-3		U	6.37	1.27
Chloroform	67-66-3		U	2.55	0.637
Chloromethane	74-87-3		U	6.37	2.55
1,1-Dichloroethane	75-34-3		U	2.55	1.27
1,2-Dichloroethane	107-06-2		U	2.55	0.637
1,1-Dichloroethene	75-35-4		U	6.37	0.637
cis-1,2-Dichloroethene	156-59-2		U	6.37	0.637
trans-1,2-Dichloroethene	156-60-5		U	2.55	0.637
1,2-Dichloropropane	78-87-5		U	2.55	0.637
cis-1,3-Dichloropropene	10061-01-5		U	2.55	0.637
trans-1,3-Dichloropropene	10061-02-6		U	2.55	0.637
Ethylbenzene	100-41-4		U	1.27	0.637
2-Hexanone	591-78-6		U	6.37	3.19
Methylene chloride	75-09-2		U	6.37	1.27
MIBK (methyl isobutyl ketone)	108-10-1		U	6.37	3.19
Styrene	100-42-5		U	2.55	0.637
1,1,2,2-Tetrachloroethane	79-34-5		U	2.55	0.637
Tetrachloroethene	127-18-4		U	6.37	0.637
Toluene	108-88-3		U	1.27	0.637
1,1,1-Trichloroethane	71-55-6		U	2.55	0.637
1,1,2-Trichloroethane	79-00-5		U	6.37	0.637
Trichloroethene	79-01-6		U	6.37	0.637
Vinyl chloride	75-01-4		U	2.55	1.27
o-Xylene	95-47-6		U	1.27	0.637
m-,p-Xylene	136777-61-2		U	1.27	0.637
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	120	80	120		
1,2-Dichloroethane-d4	106	80	120		
Toluene-d8	142	81	117	*	
4-Bromofluorobenzene	126	74	121	*	

U Not detected at or above adjusted sample detection limit

J The analyte was positively identified, but the quantitation was below the RL

* Surrogate or spike compound out of range

Report Number: L0709038

952 266

Report Date September 19, 2007

Sample Number L0709038-02
 Client ID: TB-1 0904
 Matrix Water
 Workgroup Number WG249650
 Collect Date 09/04/2007 00:01
 Sample Tag 01

PrePrep Method NONE
 Prep Method: 5030B
 Analytical Method: 8260B
 Analyst: MES
 Dilution: 1
 Units: ug/L

Instrument: HPMS11
 Prep Date: 09/08/2007 20:43
 Cal Date: 09/05/2007 19:51
 Run Date: 09/08/2007 20:43
 File ID 11M45300

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1		U	5.00	2.50
Benzene	71-43-2		U	1.00	0.125
Bromodichloromethane	75-27-4		U	1.00	0.250
Bromoform	75-25-2		U	1.00	0.500
Bromomethane	74-83-9		U	1.00	0.500
2-Butanone	78-93-3		U	5.00	2.50
Carbon disulfide	75-15-0		U	1.00	0.500
Carbon tetrachloride	56-23-5		U	1.00	0.250
Chlorobenzene	108-90-7		U	1.00	0.125
Chlorodibromomethane	124-48-1		U	1.00	0.250
Chloroethane	75-00-3		U	1.00	0.500
Chloroform	67-66-3		U	1.00	0.125
Chloromethane	74-87-3	0.446	J	1.00	0.250
1,1-Dichloroethane	75-34-3		U	1.00	0.125
1,2-Dichloroethane	107-06-2		U	1.00	0.250
1,1-Dichloroethene	75-35-4		U	1.00	0.500
cis-1,2-Dichloroethene	156-59-2		U	1.00	0.250
trans-1,2-Dichloroethene	156-60-5		U	1.00	0.250
1,2-Dichloropropane	78-87-5		U	1.00	0.200
cis-1,3-Dichloropropene	10061-01-5		U	1.00	0.250
trans-1,3-Dichloropropene	10061-02-6		U	1.00	0.500
Ethylbenzene	100-41-4		U	1.00	0.250
2-Hexanone	591-78-6		U	5.00	2.50
4-Methyl-2-pentanone	108-10-1		U	5.00	2.50
Methylene chloride	75-09-2		U	1.00	0.250
Styrene	100-42-5		U	1.00	0.125
1,1,2,2-Tetrachloroethane	79-34-5		U	1.00	0.125
Tetrachloroethene	127-18-4		U	1.00	0.250
Toluene	108-88-3		U	1.00	0.250
1,1,1-Trichloroethane	71-55-6		U	1.00	0.250
1,1,2-Trichloroethane	79-00-5		U	1.00	0.250
Trichloroethene	79-01-6		U	1.00	0.250
Vinyl chloride	75-01-4		U	1.00	0.250
o-Xylene	95-47-6		U	1.00	0.250
m-,p-Xylene	136777-61-2		U	1.00	0.500
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	88.9	86	118		
1,2-Dichloroethane-d4	89.6	80	120		
Toluene-d8	94.7	88	110		
4-Bromofluorobenzene	95.9	86	115		

U Not detected at or above adjusted sample detection limit

J The analyte was positively identified, but the quantitation was below the RL

2.1.1.2 QC Summary Data

Example 8260 Calculations

1.0 Calculating the Response Factor (RF) from the initial calibration (ICAL) data:

$$RF = [(Ax) (Cis)] / [(Ais) (Cx)]$$

where

Ax = Area of the characteristic ion for the compound being measured	3399156
Cis = Concentration of the specific internal standard (ug/mL)	25
Ais = Area of the characteristic ion of the specific internal standard	846471
Cx = Concentration of the compound in the standard being measured (ug/mL)	100
RF = Calculated Response Factor	1.0039

Example

2.0 Calculating the concentration (C) of a compound in water using the average RF: *

$$Cx = [(Ax) (Cis) (Vn)(D)] / [(Ais) (RF) (Vs)]$$

where

Ax = Area of the characteristic ion for the compound being measured	3122498
Cis = Concentration of the specific internal standard (ug/L)	25
D = Dilution factor for sample as a multiplier (10x = 10)	1
Ais = Area of the characteristic ion of the specific internal standard	611048
RF = Average RF from the ICAL	1.004
Vs = Purge volume of sample (mL)	10
Vn = Nominal purge volume of sample (mL) (10.0 mL)	10
Cx = Concentration of the compound in the sample being measured (ug/L)	127.2428

Example

3.0 Calculating the concentration (C) of a compound in soil using the average RF: *

$$Cx = [(Ax) (Cis) (Wn)(D)] / [(Ais) (RF) (Ws)]$$

where

Ax = Area of the characteristic ion for the compound being measured	3122498
Cis = Concentration of the specific internal standard (ug/L)	25
D = Dilution factor for sample as a multiplier (10x = 10)	1
Ais = Area of the characteristic ion of the specific internal standard	611048
RF = Average RF from the ICAL	1.004
Ws = Weight of sample purged (g)	5
Wn = Nominal purge weight (g) (5.0 g)	5
Cx = Concentration of the compound in the sample being measured (ug/L)	127.2428

Example

Dry weight correction

Percent solids (PCT_S)	50
Cd = (Cx) (100)/PCT_S	254.4856

* Concentrations appearing on the instrument quantitation reports are on-column results and do not take into account initial volume, final volume, and the dilution factor

4.0 Concentration from Linear Regression

Step 1: Retrieve Curve Data From Plot, $y = mx + b$

y = response ratio = response of analyte / response of IS = Ax/Ais

x = amount ratio = concentration analyte/concentration internal standard = Cx / Cis

m = slope from curve = 0.213

b = intercept from curve = - 0.00642

Step 2: Calculate y from Quantitation Report

$$y = 86550/593147 = 0.1459$$

Step 3: Solve for x

$$x = (y - b)/m = [(0.1459 - (-0.00642))/0.213] = 0.7152$$

Step 4: Solve for analyte concentration Cx

$$Cx = C_{is} (x) = (25.0)(0.7152) = 17.88$$

Example Spreadsheet Calculation:

Slope from curve, m	0.213
Intercept from curve, b	-0.00642
Area of analyte, Ax	86550
Area of Internal Standard, Ais	593147
Concentration of IS, Cis	25.00
Response Ratio	0.145917
Amount Ratio	0.715195
Concentration	17.87988
Units of Internal Standard	ug/L

5.0 Concentration from Quadratic Regression**Step 1 - Retrieve Curve Data from Plot, $y = Ax^2 + Bx + C$**

Where

$$Ax^2 + Bx + (C - y) = 0$$

A, B, C = constants from the ICAL quadratic regression

y = Response ratio = Area of analyte/Area of internal standard (IS)

x = Amount ratio = Concentration of analyte/concentration of IS

Step 2: Calculate y from Quantitation Report

$$y = Ax/A_{is}$$

Step 3: Solve for x using the quadratic formula

$$Ax^2 + Bx + C - y = 0$$

$$x = \frac{b \pm \sqrt{b^2 - 4a(c - y)}}{2a} \quad (\text{Two possible solutions})$$

Step 4: Solve for analyte concentration Cx

$$Cx = (C_{is})(\text{Amount ratio})$$

Example Spreadsheet Calculation:

Value of A from plot	-0.00629
Value of B from plot	0.511
Value of C from plot	-0.0276
Area of unknown from quantitation report	293821
Area of IS from quantitation report	784848
Response ratio, y	0.374367
C - y	-0.40197
Root 1 - Computed amount ratio, X1	80.44567
Root 2 - Computed amount ratio, X2	0.794396 use this solution
Concentration of IS, Cis	25.00
Concentration of analyte, Cx	19.86 ug/L

Analyst: KTW

Date Prepared/Preserved: 9/16/07

Method: 8260.6R

[illegible]

Comments:

- 1 = improperly sealed cap
2 = preserved out of hold
(past 48 hours from time of collection)

3 - effervesced

4 = preserved with NaHSO₄ (sodium bisulfate)

5 = preserved by freezing

Methanol (Manufacturer, Lot #)

NaHSO4 (Manufacturer, Lot #)

Reviewed by:

VOA Preparation/Preservation and Extraction Log

Analyst: KJW

Date Prepared/Preserved: 9/11/07

Method: 8260

Sample #	Fraction ID	Date Collected	Time Collected	Time Preserved	Tare Wt. (g)	Total Wt. (g)	Sample Wt. (g)	Water Vol. (mL)	Methanol Vol. (mL)	Comments	Team Notified
L0709004 -01	A	8/31/07	NA	NA	30.850	36.49	5.64	NA	NA	S, pres. in field	
I -02	I	I	I	I	31.118	36.36	5.24	I	I	I	
L0708812 -11	A	8/30/07	NA	NA	NA	NA	5.01	S	NA		
I -12	I	I	I	I	I	I	5.20	I	I		
I -13	I	I	I	I	I	I	5.28	I	I		
L0709038 -01	B	9/4/07	NA	NA	30.50	35.89	5.39	NA	NA	S, pres. in field	
L0709056 -01	B	9/5/07	NA	NA	30.71	36.68	5.97	NA	NA	S, pres. in field	
L0709153 -08	A	9/6/07	NA	NA	NA	NA	5.60	S	NA		
I -12	I	I	I	I	I	I	4.96	I	I		
I -13	I	I	I	I	I	I	5.22	I	I		
L0709001 -03	A	8/29/07	NA	NA	NA	NA	5.06	NA	10		
I DUP	I	I	I	I	I	I	4.95	I	I		
L0709007 -02	A	8/31/07	NA	NA	NA	NA	1.01	NA	10	Mech Soluble	
L0708761 -08	B	8/23/07	NA	NA	30.39	36.82	6.43	NA	NA	S, pres. in field	
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KEMRON Environmental Services

952 272

Instrument Run Log

Instrument	HPMS9	Dataset	081407	
Analyst1	MES	Analyst2	NA	
Method	8260B	SOP	MSV01	Rev. 10
Method.	5030/5035	SOP	PAT01	Rev. 10

Maintenance Log ID 20451

Internal Standard	STD20987	Surrogate Standard	STD20761	
CCV	STD21325	LCS	STD21327	MS/MSD NA
Column 1 ID	RTX502 2	Column 2 ID	NA	
Workgroups	WG247666, WG247667			

Comments

Seq	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M56000	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 08 33
2	9M56001	WG247666-02 50UG/L STD 8260	NA	7	1	STD21079	08/14/07 09 03
3	9M56002	WG247666-02 50UG/L STD 8260	NA	7	1	STD21079	08/14/07 09 37
4	9M56003	SYSTEM BLANK	NA	7	1		08/14/07 10 09
33	9M56004	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 10 37
34	9M56005	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 10 49
35	9M56006	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 11 05
5	9M56007	WG247666-01 50NG BFB STD 8260	NA	7	1	STD21056	08/14/07 11 19
6	9M56008	WG247666-02 0 5ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 11 42
7	9M56009	WG247666-03 1 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 12 13
8	9M56010	WG247666-04 2 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 12 49
9	9M56011	WG247666-05 5 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 13 19
10	9M56012	WG247666-06 10 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 13 51
11	9M56013	WG247666-07 20 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 14 22
12	9M56014	WG247666-08 50 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 14 53
13	9M56015	WG247666-09 100 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 15 24
14	9M56016	WG247666-10 200 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 15 55
15	9M56017	WG247666-11 300 ug/Kg SOIL STD 8260	NA	7	1	STD21325	08/14/07 16 27
16	9M56018	SYSTEM BLANK	NA	7	1		08/14/07 16 58
17	9M56019	WG247666-12 20ug/Kg ALT SOURCE	NA	7	1	STD21327	08/14/07 17 29
18	9M56020	WG247666-12 20ug/Kg ALT SOURCE	NA	7	1	STD21327	08/14/07 18 01
19	9M56021	WG247666-13 100ug/Kg OXY ALT SOURC	NA	7	1	STD21327	08/14/07 18 32
20	9M56022	WG247667-01 VBLK0814 BLANK 8260	NA	7	1		08/14/07 19 03
21	9M56023	WG247667-02 20ug/Kg LCS 8260	NA	7	1	STD21327	08/14/07 19 33
22	9M56024	WG247667-03 20ug/Kg LCSDUP 8260	NA	7	1	STD21327	08/14/07 20 04
23	9M56025	L0708111-16 B 826-SPE	NA	7	1		08/14/07 20 35
24	9M56026	L0708111-17 B 826-SPE	NA	7	1		08/14/07 21 06
25	9M56027	L0708204-01 A 826-SPE	NA	7	1		08/14/07 21 37
26	9M56028	L0708204-04 A 826-SPE	NA	7	1		08/14/07 22 08
27	9M56029	L0708206-05 A 8260	NA	7	1		08/14/07 22 39
28	9M56030	L0708206-06 A A1 8260	NA	7	1		08/14/07 23 10
29	9M56031	SYSTEM BLANK	NA	7	1		08/14/07 23 41
30	9M56032	L0707659-06 A 826-REF-BLK	NA	7	1		08/15/07 00 12
31	9M56033	L0707659-07 A 826-REF-BLK	NA	7	1		08/15/07 00 44

Approved August 16, 2007

Page. 1

KEMRON Environmental Services

Instrument Run Log

Instrument	HPMS9	Dataset:	081407	
Analyst1	MES	Analyst2:	NA	
Method	8260B	SOP:	MSV01	Rev 10
Method	5030/5035	SOP	PAT01	Rev 10

Maintenance Log ID 20451

Internal Standard	STD20987	Surrogate Standard	STD20761	
CCV	STD21325	LCS	STD21327	MS/MSD NA
Column 1 ID	RTX502 2	Column 2 ID	NA	
Workgroups	WG247666, WG247667			

Seq	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
32	9M56034	L0707659-08 A 826-REF-BLK	NA	7	1		08/15/07 01 15

Comments

Seq	Rerun	Dil	Reason	Analytes
2				
File ID 9M56001				
			RR, vc is high	
3				
File ID 9M56002				
			RR, vc is high Running a curve	
33				
File ID 9M56004				
			RR, BFB failed	
34				
File ID 9M56005				
			RR, BFB failed Replaced the septum	
35				
File ID 9M56006				
			RR, BFB failed	
17				
File ID 9M56019				
			Do not report	
26	X	100	Over Calibration Range	TEX, n-propyl, 135 and 124-TMB, n-butyl, naph
File ID 9M56028				
27	X	1	Carry-over contamination	
File ID 9M56029				
			Do not report	
28				
File ID 9M56030				
			RR as 00	

Approved August 16, 2007

Page: 2

KEMRON Environmental Services

952 271

Instrument Run Log

Instrument.	HPMS11	Dataset	090507	
Analyst1	MES	Analyst2.	NA	
Method	8260B	SOP	MSV01	Rev: 10
Method	5030/5035	SOP	PAT01	Rev: 10

Maintenance Log ID 20749

Internal Standard	STD21253	Surrogate Standard	STD21736	
CCV	STD21737	LCS	STD21763	MS/MSD: NA
Column 1 ID	RTX502 2	Column 2 ID	NA	
Workgroups.	WG249372			

Comments

Seq	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	11M45197	SYSTEM BLANK	NA	1	1		09/05/07 08.27
2	11M45198	std	NA	1	1		09/05/07 09.04
3	11M45199	std	NA	1	1		09/05/07 09.45
4	11M45200	SYSTEM BLANK	NA	1	1		09/05/07 10.19
5	11M45201	SYSTEM BLANK	NA	1	1		09/05/07 10.50
6	11M45202	WG249372-01 50NG BFB STD 8260	NA	1	1	STD21685	09/05/07 11.36
7	11M45203	WG249372-02 0.3ug/L WATER STD 8260	NA	1	1	STD21694	09/05/07 11.58
8	11M45204	WG249372-03 0.4 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 12.28
9	11M45205	WG249372-04 1 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 12.59
10	11M45206	WG249372-01 50ng BFB STD 8260	NA	1	1	STD21685	09/05/07 13.28
11	11M45207	WG249372-02 0.3 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 13.51
12	11M45208	WG249372-03 0.4 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 14.21
13	11M45209	WG249372-04 1 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 14.51
14	11M45210	WG249372-05 2 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 15.21
15	11M45211	WG249372-06 5 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 15.51
16	11M45212	WG249372-07 20 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 16.21
17	11M45213	WG249372-08 50 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 16.51
18	11M45214	WG249372-09 100 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 17.21
19	11M45215	WG249372-10 200 ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 17.51
20	11M45216	SYSTEM BLANK	NA	1	1		09/05/07 18.21
21	11M45217	SYSTEM BLANK	NA	1	1		09/05/07 18.51
22	11M45218	SYSTEM BLANK	NA	1	1		09/05/07 19.21
23	11M45219	WG249372-03 0.4ug/L WATER STD 8260	NA	1	1	STD21737	09/05/07 19.51
24	11M45220	WG249372-11 20ug/L ALT SOURCE	NA	1	1	STD21669	09/05/07 20.21

Comments

Seq	Rerun	Dil	Reason	Analytes
9				
File ID 11M45205				
12			Restarting curve-adjusting scan ratio	
File ID. 11M45208				
24			Do not report.	

Approved September 10, 2007

Page. 1

952 275

KEMRON Environmental Services

Instrument Run Log

Instrument	HPMS11	Dataset	090507	
Analyst1	MES	Analyst2	NA	
Method	8260B	SOP	MSV01	Rev: 10
Method	5030/5035	SOP	PAT01	Rev: 10

Maintenance Log ID 20749

Internal Standard	STD21253	Surrogate Standard	STD21736	
CCV	STD21737	LCS	STD21763	MS/MSD NA

Column 1 ID	RTX502 2	Column 2 ID	NA
Workgroups	WG249372		

Comments

Seq	Rerun	Dil	Reason	Analytes

File ID 11M45220

Do not report-bromomethane is high

Approved September 10, 2007



Page: 2

KEMRON Environmental Services

952 276

Instrument Run Log

Instrument	HPMS11	Dataset	090607	
Analyst1	MES	Analyst2	FJB	
Method	8260B	SOP	MSV01	Rev. 10
Method	624	SOP	MSV10	Rev. 9
Method	5030/5035	SOP	PAT01	Rev. 10
Maintenance Log ID	20766			

Internal Standard	STD21253	Surrogate Standard	STD21736	
CCV	STD21737	LCS	STD21763	MS/MSD NA
Column 1 ID	RTX502 2	Column 2 ID	NA	
Workgroups	WG249484, WG249372			

Comments

Seq	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	11M45222	SYSTEM BLANK	NA	1	1		09/06/07 09 59
2	11M45223	SYSTEM BLANK	NA	1	1		09/06/07 10 44
3	11M45224	WG249483-01 50ng BFB STD 8260	NA	1	1	STD21685	09/06/07 12 22
4	11M45225	WG249483-01 50ug/L STD 8260	NA	1	1	STD21737	09/06/07 12 45
5	11M45226	WG249483-01 50ug/L STD 8260	NA	1	1	STD21737	09/06/07 13 20
6	11M45227	SYSTEM BLANK	NA	1	1		09/06/07 13 50
7	11M45228	WG249372-11 20ug/L ALT SOURCE	NA	1	1	STD21669	09/06/07 14 21
8	11M45229	WG249484-01 VBLK0906 BLANK 8260	NA	1	1		09/06/07 14 51
9	11M45230	WG249484-02 20ug/L LCS STD 8260	NA	1	1	STD21763	09/06/07 15 21
10	11M45231	WG249484-03 20ug/L LCSDUP STD 8260	NA	1	1	STD21763	09/06/07 15 51
11	11M45232	L0708788-24 A 826-SPE	<2	1	1		09/06/07 16 21
12	11M45233	L0708788-25 A 826-SPE	<2	1	1		09/06/07 16 51
13	11M45234	L0708788-26 A 826-SPE	<2	1	1		09/06/07 17 21
14	11M45235	L0708788-27 A 826-SPE	<2	1	1		09/06/07 17 52
15	11M45236	L0708729-02 A 826-LOW	<2	1	1		09/06/07 18 22
16	11M45237	L0708729-01 A 826-LOW	<2	1	1		09/06/07 18 52
17	11M45238	L0708844-14 A 826-SPE	<2	1	1		09/06/07 19 22
18	11M45239	L0708844-15 A 826-SPE	<2	1	1		09/06/07 19 52
19	11M45240	L0708844-16 A 826-SPE	<2	1	1		09/06/07 20 22
20	11M45241	L0708844-17 A 826-SPE	<2	1	1		09/06/07 20 52
21	11M45242	L0708844-18 A 826-SPE	<2	1	1		09/06/07 21 22
22	11M45243	L0708844-19 A 826-SPE	<2	1	1		09/06/07 21 52
23	11M45244	L0708844-20 A 826-SPE	<2	1	1		09/06/07 22 23
24	11M45245	L0708844-21 A 826-SPE	<2	1	1		09/06/07 22 53
25	11M45246	L0708844-22 A 826-SPE	<2	1	1		09/06/07 23 23
26	11M45247	SYSTEM BLANK	NA	1	1		09/06/07 23 53
27	11M45248	WG249484-04 624 BLANK	NA	1	1		09/07/07 00 23
28	11M45249	L0709035-01 A 624-SPE	7	2	1		09/07/07 00 53
29	11M45250	L0709035-02 A 624-SPE	7	2	1		09/07/07 01 23

Comments

Seq	Rerun	Dil	Reason	Analytes
22	X	25	Over Calibration Range	BETX,124-TMB,naph

Approved September 12, 2007

Page: 1

952 277

KEMRON Environmental Services

Instrument Run Log

Instrument	HPMS11	Dataset	090607	
Analyst1	MES	Analyst2	FJB	
Method	8260B	SOP	MSV01	Rev: 10
Method	624	SOP	MSV10	Rev 9
Method	5030/5035	SOP	PAT01	Rev 10
Maintenance Log ID	20766			

Internal Standard	STD21253	Surrogate Standard	STD21736	
CCV	STD21737	LCS	STD21763	MS/MSD NA
Column 1 ID	RTX502 2	Column 2 ID	NA	
Workgroups	WG249484, WG249372			

Comments

Seq	Rerun	Dil	Reason	Analytes
File ID 11M45243				
24	X	1	Carry-over contamination	
File ID 11M45245				
			Do not report	
25	X	1	Carry-over contamination	
File ID 11M45246				
			Do not report	

Approved September 12, 2007

Page: 2



KEMRON Environmental Services

952 278

Instrument Run Log

Instrument	HPMS11	Dataset	090807	
Analyst1	MES	Analyst2	FJB	
Method	8260B	SOP	MSV01	Rev: 10
Method	5030/5035	SOP	PAT01	Rev: 10

Maintenance Log ID. 20793

Internal Standard	STD21253	Surrogate Standard	STD21736	
CCV	STD21828	LCS	STD21763	MS/MSD. NA

Column 1 ID RTX502.2

Column 2 ID NA

Workgroups WG249650

Comments

Seq	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	11M45285	SYSTEM BLANK	NA	1	1		09/08/07 13:39
2	11M45286	SYSTEM BLANK	NA	1	1		09/08/07 14:09
3	11M45287	WG249649-01 50NG BFB ST D8260	NA	1	1	STD21685	09/08/07 14:36
4	11M45288	WG249649-01 50NG BFB ST D8260	NA	1	1	STD21685	09/08/07 14:48
5	11M45289	WG249649-02 50ug/L WATER STD 8260	NA	1	1	STD21828	09/08/07 15:11
6	11M45290	WG249649-02 50ug/L WATER STD 8260	NA	1	1	STD21828	09/08/07 15:41
7	11M45291	WG249650-01 VBLK0908 BLANK 8260	NA	1	1		09/08/07 16:12
8	11M45292	WG249650-01 VBLK0908 BLANK 8260	NA	1	1		09/08/07 16:42
9	11M45293	WG249650-02 20ug/L LCS 8260	NA	1	1	STD21763	09/08/07 17:12
10	11M45294	WG249650-03 20ug/L LCSDUP 8260	NA	1	1	STD21763	09/08/07 17:42
11	11M45295	L0708844-23 B D1 50X 826-SPE	<2	1	50		09/08/07 18:12
12	11M45296	L0709072-01 B D1 2X 826-LOW	<2	1	2		09/08/07 18:42
13	11M45297	L0707001-01 A 826-SPE	NA	1	1	STD21737	09/08/07 19:12
14	11M45298	L0707187-01 A 826-SPE	NA	1	1	STD21737	09/08/07 19:42
15	11M45299	L0709016-03 A 826-SPE	<2	1	1		09/08/07 20:13
16	11M45300	L0709038-02 A 826-SPE	<2	1	1		09/08/07 20:43
17	11M45301	L0709025-03 A 826-SPE	<2	1	1		09/08/07 21:13
18	11M45302	L0709052-07 A 826-SPE	<2	1	1		09/08/07 21:43
19	11M45303	L0709056-02 A 826-SPE	<2	1	1		09/08/07 22:13
20	11M45304	L0708845-22 A 826-SPE	<2	1	1		09/08/07 22:43
21	11M45305	L0708844-39 B 826-SPE	<2	1	1		09/08/07 23:13
22	11M45306	L0709001-10 A 826-SPE1	5	1	1		09/08/07 23:44
23	11M45307	L0709025-01 A 826-SPE	<2	1	1		09/09/07 00:14
24	11M45308	L0709025-02 A 826-SPE	<2	1	1		09/09/07 00:44
25	11M45309	L0709052-01 A 826-SPE	<2	1	1		09/09/07 01:14
26	11M45310	L0709052-02 A 826-SPE	<2	1	1		09/09/07 01:44
27	11M45311	L0709052-03 A 2X 826-SPE	<2	1	2		09/09/07 02:15
28	11M45312	SYSTEM BLANK	NA	1	1		09/09/07 02:44
29	11M45313	SYSTEM BLANK	NA	1	1		09/09/07 03:14

Comments

Seq	Rerun	Dil	Reason	Analytes
3				

Approved September 14, 2007

Page 1

952 279

KEMRON Environmental Services
Instrument Run Log

Instrument	HPMS11	Dataset	090807	
Analyst1	MES	Analyst2	FJB	
Method	8260B	SOP	MSV01	Rev: 10
Method	5030/5035	SOP	PAT01	Rev: 10

Maintenance Log ID 20793

Internal Standard	STD21253	Surrogate Standard	STD21736	
CCV	STD21828	LCS	STD21763	MS/MSD NA
Column 1 ID	RTX502 2	Column 2 ID	NA	
Workgroups	WG249650			

Comments

Seq	Rerun	Dil	Reason	Analytes
File ID 11M45287				
5			RR, BFB failed	
File ID 11M45289				
			RR, SS is high	

Approved September 14, 2007

Page: 2



KEMRON Environmental Services

952 280

Instrument Run Log

Instrument	HPMS9	Dataset	091007	
Analyst1	MES	Analyst2	NA	
Method	8260	SOP	MSV01	Rev 10
Method	5030/5035	SOP	PAT01	Rev. 10

Maintenance Log ID 20803

Internal Standard	STD21667	Surrogate Standard	STD21401	
CCV	STD21737	LCS	STD21763	MS/MSD STD21763

Column 1 ID RTX502.2

Column 2 ID NA

Workgroups WG249681

Comments

Seq	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M56633	SYSTEM BLANK	NA	7	1		09/10/07 08:28
2	9M56634	WG249680-01 50NG BFB STD 8260	NA	7	1	STD21685	09/10/07 09:07
3	9M56635	WG249680-02 50ug/Kg SOIL STD 8260	NA	7	1	STD21737	09/10/07 09:29
4	9M56636	WG249680-02 50ug/Kg SOIL STD 8260	NA	7	1	STD21737	09/10/07 10:03
5	9M56637	WG249681-01 VBLK0910 BLANK 8260	NA	7	1		09/10/07 10:33
6	9M56638	WG249681-02 20ug/Kg LCS 8260	NA	7	1	STD21763	09/10/07 11:04
7	9M56639	L0709001-20 A1 8260A	NA	7	1		09/10/07 11:34
8	9M56640	L0708812-06 A1 8260A	NA	7	1		09/10/07 12:04
9	9M56641	L0708812-07 8260A	NA	7	1		09/10/07 12:35
10	9M56642	L0708812-08 8260A	NA	7	1		09/10/07 13:05
11	9M56643	L0708812-09 8260A	NA	7	1		09/10/07 13:35
12	9M56644	L0708812-10 8260A	NA	7	1		09/10/07 14:06
13	9M56645	L0708812-11 8260A	NA	7	1		09/10/07 14:36
14	9M56646	L0708812-12 8260A	NA	7	1		09/10/07 15:07
15	9M56647	L0708812-13 8260A	NA	7	1		09/10/07 15:37
16	9M56648	L0709110-05 A 826-SPE	NA	7	1		09/10/07 16:07
17	9M56649	L0709110-06 MS A 826-SPE	NA	7	1	STD21763	09/10/07 16:38
18	9M56650	L0709110-07 MSD A 826-SPE	NA	7	1	STD21763	09/10/07 17:08
19	9M56651	L0709016-01 A 826-SPE	NA	7	1		09/10/07 17:39
20	9M56652	L0709038-01 A 826-SPE	NA	7	1		09/10/07 18:10
21	9M56653	L0709056-01 A 826-SPE	NA	7	1		09/10/07 18:40
22	9M56654	L0709110-01 A 826-SPE	NA	7	1		09/10/07 19:10
23	9M56655	L0709110-02 A 826-SPE	NA	7	1		09/10/07 19:41
24	9M56656	L0709110-03 A 826-SPE	NA	7	1		09/10/07 20:12
25	9M56657	L0709110-04 A 826-SPE	NA	7	1		09/10/07 20:42
26	9M56658	L0709110-10 A 826-SPE	NA	7	1		09/10/07 21:13
27	9M56659	SYSTEM BLANK	NA	7	1		09/10/07 21:43
28	9M56660	SYSTEM BLANK	NA	7	1		09/10/07 22:14

Comments

Seq	Rerun	Dil	Reason	Analytes
13	X	1	Internal standard and surrogate standard failure	

File ID 9M56645

Approved September 14, 2007

952 281

KEMRON Environmental Services

Instrument Run Log

Instrument	HPMS9	Dataset	091007	
Analyst1	MES	Analyst2	NA	
Method	8260	SOP	MSV01	Rev: 10
Method	5030/5035	SOP	PAT01	Rev: 10

Maintenance Log ID 20803

Internal Standard	STD21667	Surrogate Standard	STD21401	
CCV	STD21737	LCS	STD21763	MS/MSD STD21763
Column 1 ID	RTX502 2	Column 2 ID	NA	
Workgroups	WG249681			

Comments

Seq	Rerun	Dil	Reason	Analytes
14	X	1	Internal standard and surrogate standard failure	
File ID 9M56646				
15	X	1	Internal standard and surrogate standard failure	
File ID 9M56647				
20	X	1	Internal standard and surrogate standard failure	
File ID 9M56652				
21	X	1	Internal standard and surrogate standard failure	
File ID 9M56653				
26	X	1	Missed Tune	
File ID 9M56658				

Approved September 14, 2007

Page: 2



KEMRON Environmental Services

Instrument Run Log

Instrument	HPMS9	Dataset	091107	
Analyst1	MES	Analyst2	NA	
Method	8260B	SOP	MSV01	Rev 10
Method	5030/5035	SOP	PAT01	Rev 10

Maintenance Log ID 20820

Internal Standard STD21667

Surrogate Standard STD21401

CCV STD21828

LCS STD21763

MS/MSD. STD21763

Column 1 ID RTX502 2

Column 2 ID NA

Workgroups WG249773

Comments

Seq	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M56662	SYSTEM BLANK	NA	7	1		09/11/07 08.32
2	9M56663	WG249772-01 50NG BFB STD 8260	NA	7	1	STD21685	09/11/07 09 20
3	9M56664	WG249772-02 50ug/Kg SOIL STD 8260	NA	7	1	STD21828	09/11/07 09.43
4	9M56665	WG249773-01 VBLK0911 BLANK 8260	NA	7	1		09/11/07 10 14
5	9M56666	WG249773-02 20ug/Kg LCS 8260	NA	7	1	STD21763	09/11/07 10 45
6	9M56667	L0708809-19 A 826-SPE	NA	7	1		09/11/07 11 15
7	9M56668	L0708823-01 A 826-SPE	NA	7	1		09/11/07 11 46
8	9M56669	L0708823-02 A 826-SPE	NA	7	1		09/11/07 12 17
9	9M56670	L0708823-03 A 826-SPE	NA	7	1		09/11/07 12 47
10	9M56671	L0708823-04 A 826-SPE	NA	7	1		09/11/07 13 18
11	9M56672	L0708823-05 A 826-SPE	NA	7	1		09/11/07 13 48
12	9M56673	L0708823-06 A 826-SPE	NA	7	1		09/11/07 14 19
13	9M56674	L0708823-07 A 826-SPE	NA	7	1		09/11/07 14 50
14	9M56675	L0708823-08 A 826-SPE	NA	7	1		09/11/07 15 21
15	9M56676	L0708823-09 A 826-SPE	NA	7	1		09/11/07 15 51
16	9M56677	L0709153-08 826-SPE	NA	7	1		09/11/07 16.22
17	9M56678	L0709153-12 MS 826-SPE	NA	7	1	STD21763	09/11/07 16.52
18	9M56679	L0709153-13 MSD 826-SPE	NA	7	1	STD21763	09/11/07 17 23
19	9M56680	L0709004-01 A 826-SPE	NA	7	1		09/11/07 17 54
20	9M56681	L0709004-02 A 826-SPE	NA	7	1		09/11/07 18.24
21	9M56682	L0709038-01 B A1 826-SPE	NA	7	1		09/11/07 18.55
22	9M56683	L0709056-01 B A1 826-SPE	NA	7	1		09/11/07 19 26
23	9M56684	L0708812-11 A1 8260A	NA	7	1		09/11/07 19 57
24	9M56685	L0708812-12 A1 8260A	NA	7	1		09/11/07 20 27
25	9M56686	L0708812-13 A1 8260A	NA	7	1		09/11/07 20 59
26	9M56687	SYSTEM BLANK	NA	7	1		09/11/07 21 29

Comments

Seq	Rerun	Dil	Reason
10	X	1	Surrogate standard failure

File ID: 9M56671

Analytes

Approved September 14, 2007



Page. 1

KEMRON Environmental Services Data Checklist

Date: 14-AUG-2007
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS9
Curve Workgroup: NA
Runlog ID: 17758
Analytical Workgroups: WG247666, WG247667

System Performance Check	NA
BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration / Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	X
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
15-AUG-2007

Mary Schelling

Secondary Reviewer
16-AUG-2007

W. C. [Signature]

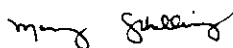
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KEMRON Environmental Services
Data Checklist

Date 05-SEP-2007
 Analyst MES
 Analyst NA
 Method 8260
 Instrument HPMS11
 Curve Workgroup NA
 Runlog ID 18123
 Analytical Workgroups WG249372

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration / Check Standards	NA
Project/Client Specific Requirements	NA
Special Standards	NA
Blanks	NA
TCL's	NA
Surrogates	NA
LCS (Laboratory Control Sample)	NA
Recoveries	NA
Surrogates	NA
MS/MSD/Duplicates	NA
Samples	NA
TCL Hits	NA
Spectra of TCL Hits	NA
Surrogates	NA
Internal Standards Criteria	NA
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer
07-SEP-2007



Secondary Reviewer
10-SEP-2007

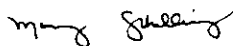


KEMRON Environmental Services
Data Checklist

Date 06-SEP-2007
 Analyst MES
 Analyst FJB
 Method 8260/624
 Instrument HPMS11
 Curve Workgroup: NA
 Runlog ID 18141
 Analytical Workgroups WG249484, WG249372

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
10-SEP-2007



Secondary Reviewer:
12-SEP-2007



Generated: SEP-18-2007 11 17 43

KEMRON Environmental Services
Data Checklist

Date 08-SEP-2007
 Analyst MES
 Analyst FJB
 Method 8260
 Instrument HPMS11
 Curve Workgroup NA
 Runlog ID 18178
 Analytical Workgroups WG249650

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	NA
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	X
Reruns	NA
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer
12-SEP-2007

mary guilford

Secondary Reviewer
14-SEP-2007

W. C. [Signature]

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KEMRON Environmental Services
Data Checklist

Date 10-SEP-2007
 Analyst MES
 Analyst NA
 Method 8260
 Instrument HPMS9
 Curve Workgroup NA
 Runlog ID 18188
 Analytical Workgroups WG249681

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration /Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD/Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer
12-SEP-2007

myy gelling

Secondary Reviewer
14-SEP-2007

re. c. m.

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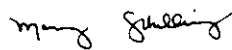
952 288

KEMRON Environmental Services
Data Checklist

Date 11-SEP-2007
 Analyst MES
 Analyst NA
 Method 8260
 Instrument: HPMS9
 Curve Workgroup NA
 Runlog ID 18204
 Analytical Workgroups: WG249773

BFB	X
Initial Calibration	X
Average RF	X
Linear Reg or Higher Order Curve	X
Second Source standard % Difference	X
Continuing Calibration / Check Standards	X
Project/Client Specific Requirements	X
Special Standards	NA
Blanks	X
TCL's	X
Surrogates	X
LCS (Laboratory Control Sample)	X
Recoveries	X
Surrogates	X
MS/MSD Duplicates	X
Samples	X
TCL Hits	X
Spectra of TCL Hits	X
Surrogates	X
Internal Standards Criteria	X
Library Searches	NA
Calculations & Correct Factors	X
Dilutions Run	NA
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	MES
Secondary Reviewer	MDA
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Check the reasonableness of the results	X

Primary Reviewer:
13-SEP-2007



Secondary Reviewer
14-SEP-2007



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KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

952 289

Analytical Method:8260B

AAB#:WG249650

Login Number:L0709038

	Date	Date	Date	Max Hold	Time Held	Date	Max Hold	Time Held	
Client ID	Collected	Received	Extracted	Time Ext.	Ext.	Analyzed	Time Anal	Anal.	Q
TB-1_0904	09/04/07	09/05/07	09/08/07	14	4.86	09/08/07	14	4.86	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

952 290

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method:8260B
Login Number:L0709038

AAB#:WG249681

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
MW235_SS_65	09/04/07	09/05/07	09/10/07	14	6.15	09/10/07	14	6.15	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

952 291

Analytical Method:8260B

AAB#:WG249773

Login Number:L0709038

	Date	Date	Date	Max Hold	Time Held	Date	Max Hold	Time Held	
Client ID	Collected	Received	Extracted	Time Ext.	Ext.	Analyzed	Time Anal	Anal.	Q
MW235_SS_65	09/04/07	09/05/07	09/11/07	14	7.18	09/11/07	14	7.18	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

SURROGATE STANDARDS

Login Number:L0709038
Instrument Id:HPMS11
Workgroup (AAB#):WG249650

Method:8260
CAL ID: HPMS11-05-SEP-07
Matrix:Water

Sample Number	Dilution	Tag	1	2	3	4
L0709038-02	1.00	01	89.6	88.9	95.9	94.7
WG249650-01	1.00	01	87.1	86.9	94.6	95.0
WG249650-02	1.00	01	89.2	89.0	95.6	95.7
WG249650-03	1.00	01	87.6	89.2	97.3	95.6

Surrogates		Surrogate Limits		
1	- 1,2-Dichloroethane-d4	80	-	120
2	- Dibromofluoromethane	86	-	118
3	- 4-Bromofluorobenzene	86	-	115
4	- Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

SURROGATE STANDARDS

Login Number:L0709038

Method:8260

Instrument Id:HPMS9

CAL ID: HPMS9 - 14-AUG-07

Workgroup (AAB#):WG249681

Matrix:Soil

Sample Number	Dilution	Tag	1	2	3	4
L0709038-01	1.00	01	106	120	<u>126</u>	<u>142</u>
WG249681-01	1.00	01	101	108	104	108
WG249681-02	1.00	01	106	113	103	110

Surrogates	Surrogate Limits
1 - 1,2-Dichloroethane-d4	80 - 120
2 - Dibromofluoromethane	80 - 120
3 - 4-Bromofluorobenzene	74 - 121
4 - Toluene-d8	81 - 117

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

SURROGATE STANDARDS

Login Number:L0709038
Instrument Id:HPMS9
Workgroup (AAB#):WG249773

Method:8260
CAL ID: HPMS9 - 14-AUG-07
Matrix:Soil

Sample Number	Dilution	Tag	1	2	3	4
L0709038-01	1.00	A1	98.5	112	117	<u>128</u>
WG249773-01	1.00	01	105	111	107	109
WG249773-02	1.00	01	107	114	106	111

Surrogates		Surrogate Limits		
1	- 1,2-Dichloroethane-d4	80	-	120
2	- Dibromofluoromethane	80	-	120
3	- 4-Bromofluorobenzene	74	-	121
4	- Toluene-d8	81	-	117

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

METHOD BLANK SUMMARY

Login Number:L0709038

Work Group:WG249650

Blank File ID:11M45292

Blank Sample ID:WG249650-01

Prep Date:09/08/07 16:42

Instrument ID:HPMS11

Analyzed Date:09/08/07 16:42

Method:8260B

Analyst:MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG249650-02	11M45293	09/08/07 17:12	01
LCS2	WG249650-03	11M45294	09/08/07 17:42	01
TB-1_0904	L0709038-02	11M45300	09/08/07 20:43	01

METHOD BLANK SUMMARY

Login Number:L0709038

Blank File ID:9M56637

Prep Date:09/10/07 10:33

Analyzed Date:09/10/07 10:33

Analyst:MES

Work Group:WG249681

Blank Sample ID:WG249681-01

Instrument ID:HPMS9

Method:8260B

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG249681-02	9M56638	09/10/07 11:04	01
MW235_SS_65	L0709038-01	9M56652	09/10/07 18:10	01

METHOD BLANK SUMMARY

Login Number:L0709038

Work Group:WG249773

Blank File ID:9M56665

Blank Sample ID:WG249773-01

Prep Date:09/11/07 10:14

Instrument ID:HPMS9

Analyzed Date:09/11/07 10:14

Method:8260B

Analyst:MES

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG249773-02	9M56666	09/11/07 10:45	01
MW235_SS_65	L0709038-01	9M56682	09/11/07 18:55	A1

METHOD BLANK REPORT

Login Number:L0709038
 Instrument ID:HPMS11
 File ID:11M45292
 Workgroup (AAB#):WG249650
 Contract #:DACA87-02-D-0006

Prep Date:09/08/07 16:42 Sample ID:WG249650-01
 Run Date:09/08/07 16:42 Prep Method:5030B
 Analyst:MES Method:8260B
 Matrix:Water Units:ug/L
 Cal ID:HPMS11 - 05-SEP-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Acetone	2.50	5.00	2.50	1	U
Benzene	0.125	1.00	0.125	1	U
Bromodichloromethane	0.250	1.00	0.250	1	U
Bromoform	0.500	1.00	0.500	1	U
Bromomethane	0.500	1.00	0.500	1	U
2-Butanone	2.50	5.00	2.50	1	U
Carbon disulfide	0.500	1.00	0.500	1	U
Carbon tetrachloride	0.250	1.00	0.250	1	U
Chlorobenzene	0.125	1.00	0.125	1	U
Chlorodibromomethane	0.250	1.00	0.250	1	U
Chloroethane	0.500	1.00	0.500	1	U
Chloroform	0.125	1.00	0.125	1	U
Chloromethane	0.250	1.00	0.250	1	U
1,1-Dichloroethane	0.125	1.00	0.125	1	U
1,2-Dichloroethane	0.250	1.00	0.250	1	U
1,1-Dichloroethene	0.500	1.00	0.500	1	U
cis-1,2-Dichloroethene	0.250	1.00	0.250	1	U
trans-1,2-Dichloroethene	0.250	1.00	0.250	1	U
1,2-Dichloropropane	0.200	1.00	0.200	1	U
cis-1,3-Dichloropropene	0.250	1.00	0.250	1	U
trans-1,3-Dichloropropene	0.500	1.00	0.500	1	U
Ethylbenzene	0.250	1.00	0.250	1	U
2-Hexanone	2.50	5.00	2.50	1	U
4-Methyl-2-pentanone	2.50	5.00	2.50	1	U
Methylene chloride	0.250	1.00	0.250	1	U
Styrene	0.125	1.00	0.125	1	U
1,1,2,2-Tetrachloroethane	0.125	1.00	0.125	1	U
Tetrachloroethene	0.250	1.00	0.250	1	U
Toluene	0.250	1.00	0.250	1	U
1,1,1-Trichloroethane	0.250	1.00	0.250	1	U
1,1,2-Trichloroethane	0.250	1.00	0.250	1	U
Trichloroethene	0.250	1.00	0.250	1	U
Vinyl chloride	0.250	1.00	0.250	1	U
o-Xylene	0.250	1.00	0.250	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	86.9	86 - 118	PASS
1,2-Dichloroethane-d4	87.1	80 - 120	PASS
Toluene-d8	95.0	88 - 110	PASS
4-Bromofluorobenzene	94.6	86 - 115	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID:877806
 Report generated 09/18/2007 14:52

METHOD BLANK REPORT

Login Number:L0709038 Prep Date:09/08/07 16:42 Sample ID:WG249650-01
Instrument ID:HPMS11 Run Date:09/08/07 16:42 Prep Method:5030B
File ID:11M45292 Analyst:MES Method:8260B
Workgroup (AAB#):WG249650 Matrix:Water Units:ug/L
Contract #:DACA87-02-D-0006 Cal ID:HPMS11-05-SEP-07

RL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

METHOD BLANK REPORT

Login Number:L0709038
 Instrument ID:HPMS9
 File ID:9M56637
 Workgroup (AAB#):WG249681
 Contract #:DACA87-02-D-0006

Prep Date:09/10/07 10:33 Sample ID:WG249681-01
 Run Date:09/10/07 10:33 Prep Method:5030A
 Analvst:MES Method:8260B
 Matrix:Soil Units:ug/kg
 Cal ID: HPMS9-14-AUG-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Acetone	5.00	10.0	5.00	1	U
Benzene	0.500	1.00	0.500	1	U
Bromodichloromethane	0.500	2.00	0.500	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	1.00	5.00	1.00	1	U
2-Butanone	2.50	5.00	2.50	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.500	5.00	0.500	1	U
Chlorobenzene	0.500	5.00	0.500	1	U
Chlorodibromomethane	0.500	2.00	0.500	1	U
Chloroethane	1.00	5.00	1.00	1	U
Chloroform	0.500	2.00	0.500	1	U
Chloromethane	2.00	5.00	2.00	1	U
1,1-Dichloroethane	1.00	2.00	1.00	1	U
1,2-Dichloroethane	0.500	2.00	0.500	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
cis-1,2-Dichloroethene	0.500	5.00	0.500	1	U
trans-1,2-Dichloroethene	0.500	2.00	0.500	1	U
1,2-Dichloropropane	0.500	2.00	0.500	1	U
cis-1,3-Dichloropropene	0.500	2.00	0.500	1	U
trans-1,3-Dichloropropene	0.500	2.00	0.500	1	U
Ethylbenzene	0.500	1.00	0.500	1	U
2-Hexanone	2.50	5.00	2.50	1	U
Methylene chloride	1.00	5.00	1.00	1	U
MIBK (methyl isobutyl ketone)	2.50	5.00	2.50	1	U
Styrene	0.500	2.00	0.500	1	U
1,1,2,2-Tetrachloroethane	0.500	2.00	0.500	1	U
Tetrachloroethene	0.500	5.00	0.500	1	U
Toluene	0.500	1.00	0.500	1	U
1,1,1-Trichloroethane	0.500	2.00	0.500	1	U
1,1,2-Trichloroethane	0.500	5.00	0.500	1	U
Trichloroethene	0.500	5.00	0.500	1	U
Vinyl chloride	1.00	2.00	1.00	1	U
o-Xylene	0.500	1.00	0.500	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	108	80	-	120	PASS
1,2-Dichloroethane-d4	101	80	-	120	PASS
Toluene-d8	108	81	-	117	PASS
4-Bromofluorobenzene	104	74	-	121	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID: 877806
 Report generated 09/18/2007 14:52

METHOD BLANK REPORT

Login Number:L0709038 Prep Date:09/10/07 10:33 Sample ID:WG249681-01
Instrument ID:HPMS9 Run Date:09/10/07 10:33 Prep Method:5030A
File ID:9M56637 Analyst:MES Method:8260B
Workgroup (AAB#):WG249681 Matrix:Soil Units:ug/kg
Contract #:DACAS7-02-D-0006 Cal ID: HPMS9-14-AUG-07

RL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

METHOD BLANK REPORT

Login Number:L0709038
 Instrument ID:HPMS9
 File ID:9M56665
 Workgroup (AAB#):WG249773
 Contract #:DACA87-02-D-0006

Prep Date:09/11/07 10:14 Sample ID:WG249773-01
 Run Date:09/11/07 10:14 Prep Method:5030A
 Analyst:MBS Method:8260B
 Matrix:Soil Units:ug/kg
 Cal ID: HPMS9-14-AUG-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Acetone	5.00	10.0	5.00	1	U
Benzene	0.500	1.00	0.500	1	U
Bromodichloromethane	0.500	2.00	0.500	1	U
Bromoform	0.500	5.00	0.500	1	U
Bromomethane	1.00	5.00	1.00	1	U
2-Butanone	2.50	5.00	2.50	1	U
Carbon disulfide	0.500	5.00	0.500	1	U
Carbon tetrachloride	0.500	5.00	0.500	1	U
Chlorobenzene	0.500	5.00	0.500	1	U
Chlorodibromomethane	0.500	2.00	0.500	1	U
Chloroethane	1.00	5.00	1.00	1	U
Chloroform	0.500	2.00	0.500	1	U
Chloromethane	2.00	5.00	2.00	1	U
1,1-Dichloroethane	1.00	2.00	1.00	1	U
1,2-Dichloroethane	0.500	2.00	0.500	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
cis-1,2-Dichloroethene	0.500	5.00	0.500	1	U
trans-1,2-Dichloroethene	0.500	2.00	0.500	1	U
1,2-Dichloropropane	0.500	2.00	0.500	1	U
cis-1,3-Dichloropropene	0.500	2.00	0.500	1	U
trans-1,3-Dichloropropene	0.500	2.00	0.500	1	U
Ethylbenzene	0.500	1.00	0.500	1	U
2-Hexanone	2.50	5.00	2.50	1	U
Methylene chloride	1.00	5.00	1.00	1	U
MIBK (methyl isobutyl ketone)	2.50	5.00	2.50	1	U
Styrene	0.500	2.00	0.500	1	U
1,1,2,2-Tetrachloroethane	0.500	2.00	0.500	1	U
Tetrachloroethene	0.500	5.00	0.500	1	U
Toluene	0.500	1.00	0.500	1	U
1,1,1-Trichloroethane	0.500	2.00	0.500	1	U
1,1,2-Trichloroethane	0.500	5.00	0.500	1	U
Trichloroethene	0.500	5.00	0.500	1	U
Vinyl chloride	1.00	2.00	1.00	1	U
o-Xylene	0.500	1.00	0.500	1	U
m-,p-Xylene	0.500	1.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	111	80	-	120	PASS
1,2-Dichloroethane-d4	105	80	-	120	PASS
Toluene-d8	109	81	-	117	PASS
4-Bromofluorobenzene	107	74	-	121	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID: 877806
 Report generated 09/18/2007 14:52

METHOD BLANK REPORT

Login Number:L0709038 Prep Date:09/11/07 10:14 Sample ID:WG249773-01
Instrument ID:HPMS9 Run Date:09/11/07 10:14 Prep Method:5030A
File ID:9M56665 Analvst:MES Method:8260B
Workgroup (AAB#):WG249773 Matrix:Soil Units:ug/kg
Contract #:DACA87-02-D-0006 Cal ID: HPMS9 - 14-AUG-07

RL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709038
Instrument ID:HPMS9
File ID:9M56638
Workgroup (AAB#):WG249681
QC Key:STD

Run Date:09/10/2007
Run Time:11:04
Analyst:MES
Matrix:Soil
Lot#:STD21763

Sample ID:WG249681-02
Prep Method:5030A
Method:8260B
Units:ug/kg

Cal ID: HPMS9 - 14-AUG-07

Analytes	Expected	Found	% Rec	LCS Limits		Q
Acetone	20.0	18.6	92.8	20	- 160	
Benzene	20.0	21.4	107	70	- 139	
Bromodichloromethane	20.0	22.5	113	72	- 137	
Bromoform	20.0	23.9	119	49	- 136	
Bromomethane	20.0	25.3	127	37	- 143	
2-Butanone	20.0	20.6	103	37	- 172	
Carbon disulfide	20.0	17.4	86.8	39	- 139	
Carbon tetrachloride	20.0	24.4	122	59	- 136	
Chlorobenzene	20.0	21.2	106	70	- 130	
Chlorodibromomethane	20.0	23.8	119	59	- 136	
Chloroethane	20.0	23.9	119	52	- 135	
Chloroform	20.0	21.1	106	74	- 129	
Chloromethane	20.0	23.4	117	30	- 131	
1,1-Dichloroethane	20.0	20.4	102	75	- 125	
1,2-Dichloroethane	20.0	21.3	107	63	- 133	
1,1-Dichloroethene	20.0	23.1	116	65	- 135	
cis-1,2-Dichloroethene	20.0	22.0	110	65	- 135	
trans-1,2-Dichloroethene	20.0	21.7	109	65	- 139	
1,2-Dichloropropane	20.0	21.0	105	70	- 130	
cis-1,3-Dichloropropene	20.0	21.6	108	70	- 142	
trans-1,3-Dichloropropene	20.0	20.3	101	56	- 135	
Ethylbenzene	20.0	22.5	112	70	- 130	
2-Hexanone	20.0	21.5	108	45	- 145	
Methylene chloride	20.0	20.9	105	74	- 128	
MIBK (methyl isobutyl ketone)	20.0	22.8	114	47	- 146	
Styrene	20.0	22.7	113	74	- 130	
1,1,2,2-Tetrachloroethane	20.0	21.8	109	55	- 130	
Tetrachloroethene	20.0	22.5	112	72	- 130	
Toluene	20.0	21.6	108	77	- 126	
1,1,1-Trichloroethane	20.0	22.3	111	70	- 135	
1,1,2-Trichloroethane	20.0	22.3	111	60	- 125	
Trichloroethene	20.0	23.0	115	72	- 126	
Vinyl chloride	20.0	24.8	124	25	- 130	
o-Xylene	20.0	22.4	112	70	- 130	
m-,p-Xylene	40.0	44.8	112	70	- 130	

Surrogates	% Recovery	Surrogate Limits		Qualifier
Dibromofluoromethane	113	80	- 120	PASS
1,2-Dichloroethane-d4	106	80	- 120	PASS
Toluene-d8	110	81	- 117	PASS
4-Bromofluorobenzene	103	74	- 121	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 09/06/2007
Version 1.5 PDF File ID: 878076
Report generated 09/18/2007 15:44

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709038
Instrument ID:HPMS9
File ID:9M56666
Workgroup (AAB#):WG249773
QC Key:STD

Run Date:09/11/2007
Run Time:10:45
Analyst:MES
Matrix:Soil
Lot#:STD21763

Sample ID:WG249773-02
Prep Method:5030A
Method:8260B
Units:ug/kg

Cal ID: HPMS9 - 14-AUG-07

Analytes	Expected	Found	% Rec	LCS Limits		Q
Acetone	20.0	17.3	86.4	20	-	160
Benzene	20.0	21.6	108	70	-	139
Bromodichloromethane	20.0	22.9	114	72	-	137
Bromoform	20.0	22.7	113	49	-	136
Bromomethane	20.0	26.7	134	37	-	143
2-Butanone	20.0	20.7	103	37	-	172
Carbon disulfide	20.0	18.1	90.5	39	-	139
Carbon tetrachloride	20.0	25.1	126	59	-	136
Chlorobenzene	20.0	21.3	106	70	-	130
Chlorodibromomethane	20.0	23.1	116	59	-	136
Chloroethane	20.0	24.6	123	52	-	135
Chloroform	20.0	21.5	108	74	-	129
Chloromethane	20.0	24.1	121	30	-	131
1,1-Dichloroethane	20.0	20.9	105	75	-	125
1,2-Dichloroethane	20.0	21.2	106	63	-	133
1,1-Dichloroethene	20.0	23.1	115	65	-	135
cis-1,2-Dichloroethene	20.0	22.3	112	65	-	135
trans-1,2-Dichloroethene	20.0	22.3	112	65	-	139
1,2-Dichloropropane	20.0	20.9	105	70	-	130
cis-1,3-Dichloropropene	20.0	21.8	109	70	-	142
trans-1,3-Dichloropropene	20.0	19.9	99.5	56	-	135
Ethylbenzene	20.0	22.2	111	70	-	130
2-Hexanone	20.0	18.7	93.7	45	-	145
Methylene chloride	20.0	20.5	103	74	-	128
MIBK (methyl isobutyl ketone)	20.0	20.8	104	47	-	146
Styrene	20.0	22.8	114	74	-	130
1,1,2,2-Tetrachloroethane	20.0	20.5	103	55	-	130
Tetrachloroethane	20.0	22.3	111	72	-	130
Toluene	20.0	21.7	108	77	-	126
1,1,1-Trichloroethane	20.0	23.1	116	70	-	135
1,1,2-Trichloroethane	20.0	21.7	109	60	-	125
Trichloroethene	20.0	23.3	116	72	-	126
Vinyl chloride	20.0	25.9	130	25	-	130
o-Xylene	20.0	22.2	111	70	-	130
m-,p-Xylene	40.0	44.8	112	70	-	130

Surrogates	% Recovery	Surrogate Limits		Qualifier
Dibromofluoromethane	114	80	- 120	PASS
1,2-Dichloroethane-d4	107	80	- 120	PASS
Toluene-d8	111	81	- 117	PASS
4-Bromofluorobenzene	106	74	- 121	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 09/06/2007
Version 1.5 PDF File ID: 878076
Report generated 09/18/2007 15:44

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709038
Instrument ID:HPMS11
Workgroup (AAB#):WG249650
QC Key:STD

Analyst:MES
Matrix:Water
Lot #:STD21763

Prep Method:5030B
Method:8260B
Units:ug/L

Sample ID:WG249650-02 LCS File ID:11M45293 Run Date:09/08/2007 17:12
Sample ID:WG249650-03 LCS2 File ID:11M45294 Run Date:09/08/2007 17:42

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD	
	Known	Found	% REC	Known	Found	% REC			Lmt	Q
Acetone	20.0	17.6	87.9	20.0	19.4	96.9	9.79	40 - 142	20	
Benzene	20.0	20.4	102	20.0	20.1	100	1.34	80 - 121	20	
Bromodichloromethane	20.0	22.0	110	20.0	21.9	110	0.312	80 - 131	20	
Bromoform	20.0	19.9	99.6	20.0	20.2	101	1.48	70 - 130	20	
Bromomethane	20.0	22.3	111	20.0	22.4	112	0.418	30 - 145	20	
2-Butanone	20.0	20.1	100	20.0	19.1	95.6	4.96	30 - 150	20	
Carbon disulfide	20.0	17.6	87.9	20.0	17.1	85.6	2.64	58 - 138	20	
Carbon tetrachloride	20.0	20.0	99.8	20.0	19.1	95.7	4.19	65 - 140	20	
Chlorobenzene	20.0	21.5	108	20.0	21.4	107	0.454	80 - 120	20	
Chlorodibromomethane	20.0	20.9	104	20.0	20.6	103	1.21	60 - 135	20	
Chloroethane	20.0	21.3	106	20.0	21.1	105	0.928	60 - 135	20	
Chloroform	20.0	21.3	106	20.0	20.7	103	2.76	80 - 125	20	
Chloromethane	20.0	20.4	102	20.0	19.7	98.4	3.46	40 - 125	20	
1,1-Dichloroethane	20.0	20.8	104	20.0	20.6	103	0.764	80 - 125	20	
1,2-Dichloroethane	20.0	21.1	105	20.0	20.8	104	1.25	80 - 129	20	
1,1-Dichloroethene	20.0	22.7	113	20.0	21.4	107	5.90	80 - 132	20	
cis-1,2-Dichloroethene	20.0	21.3	107	20.0	21.0	105	1.42	70 - 125	20	
trans-1,2-Dichloroethene	20.0	20.6	103	20.0	20.0	100	2.82	80 - 127	20	
1,2-Dichloropropane	20.0	20.6	103	20.0	21.0	105	2.02	80 - 120	20	
cis-1,3-Dichloropropene	20.0	20.9	104	20.0	20.7	103	1.03	70 - 130	20	
trans-1,3-Dichloropropene	20.0	21.6	108	20.0	20.9	105	3.15	80 - 130	20	
Ethylbenzene	20.0	22.3	112	20.0	22.1	110	1.15	80 - 122	20	
2-Hexanone	20.0	20.8	104	20.0	21.1	106	1.52	55 - 130	20	
4-Methyl-2-pentanone	20.0	18.5	92.7	20.0	19.1	95.4	2.84	64 - 140	20	
Methylene chloride	20.0	19.2	96.1	20.0	19.9	99.6	3.58	80 - 123	20	
Styrene	20.0	22.5	112	20.0	22.3	111	0.703	80 - 123	20	
1,1,2,2-Tetrachloroethane	20.0	22.2	111	20.0	22.1	110	0.457	79 - 125	20	
Tetrachloroethene	20.0	20.3	101	20.0	20.1	100	1.05	80 - 124	20	
Toluene	20.0	22.2	111	20.0	21.7	108	2.18	80 - 124	20	
1,1,1-Trichloroethane	20.0	22.0	110	20.0	21.4	107	2.88	80 - 134	20	
1,1,2-Trichloroethane	20.0	21.9	109	20.0	21.5	108	1.67	80 - 125	20	
Trichloroethene	20.0	21.1	106	20.0	21.0	105	0.571	80 - 122	20	
Vinyl chloride	20.0	22.5	113	20.0	20.8	104	7.83	65 - 140	20	
o-Xylene	20.0	21.9	109	20.0	21.5	108	1.59	80 - 122	20	
m-,p-Xylene	40.0	44.2	110	40.0	43.5	109	1.52	80 - 122	20	

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709038
Instrument ID:HPMS11
Workgroup (AAB#):WG249650
QC Key:STD

Analyst:MES
Matrix:Water
Lot #:STD21763

Prep Method:5030B
Method:8260B
Units:ug/L

Sample ID:WG249650-02 LCS File ID:11M45293 Run Date:09/08/2007 17:12
Sample ID:WG249650-03 LCS2 File ID:11M45294 Run Date:09/08/2007 17:42

Surogates	LCS	LCS2	Surrogate Limits			Qualifier
	% Recovery	% Recovery				
Dibromofluoromethane	89.0	89.2	86	-	118	PASS
1,2-Dichloroethane-d4	89.2	87.6	80	-	120	PASS
Toluene-d8	95.7	95.6	88	-	110	PASS
4-Bromofluorobenzene	95.6	97.3	86	-	115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709038
Instrument: HPMS11
Analyst: MES
Workgroup: WG249372Tune ID: WG249372-01
Run Date: 09/05/2007
Run Time: 13:28
File ID: 11M45206
Cal ID: HPMS11-05-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	25.8	10280	PASS
75.0	95.0	30.0	60.0	52.3	20827	PASS
95.0	95.0	100	100	100	39826	PASS
96.0	95.0	5.00	9.00	7.00	2788	PASS
173	174	0	2.00	0.975	244	PASS
174	95.0	50.0	100	62.9	25032	PASS
175	174	5.00	9.00	7.96	1992	PASS
176	174	95.0	101	96.0	24027	PASS
177	176	5.00	9.00	6.28	1510	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249372-02	STD	01	09/05/2007 13:51	
WG249372-04	STD	01	09/05/2007 14:51	
WG249372-05	STD	01	09/05/2007 15:21	
WG249372-06	STD	01	09/05/2007 15:51	
WG249372-07	STD	01	09/05/2007 16:21	
WG249372-09	STD	01	09/05/2007 17:21	
WG249372-10	STD	01	09/05/2007 17:51	
WG249372-03	STD	01	09/05/2007 19:51	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709038
Instrument: HPMS11
Analyst: MES
Workgroup: WG249483Tune ID: WG249483-01
Run Date: 09/06/2007
Run Time: 12:22
File ID: 11M45224
Cal ID: HPMS11-05-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	22.8	14998	PASS
75.0	95.0	30.0	60.0	49.8	32797	PASS
95.0	95.0	100	100	100	65850	PASS
96.0	95.0	5.00	9.00	6.49	4275	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	63.2	41589	PASS
175	174	5.00	9.00	6.96	2895	PASS
176	174	95.0	101	98.0	40773	PASS
177	176	5.00	9.00	6.66	2715	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249372-11	SSCV	01	09/06/2007 14:21	

* Sample past 12 hour tune limit

952 310

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709038
Instrument: HPMS11
Analyst: MES
Workgroup: WG249649Tune ID: WG249649-01
Run Date: 09/08/2007
Run Time: 14:48
File ID: 11M45288
Cal ID: HPMS11-05-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	24.1	10717	PASS
75.0	95.0	30.0	60.0	52.1	23160	PASS
95.0	95.0	100	100	100	44445	PASS
96.0	95.0	5.00	9.00	7.24	3216	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	61.2	27184	PASS
175	174	5.00	9.00	8.05	2189	PASS
176	174	95.0	101	95.4	25931	PASS
177	176	5.00	9.00	7.13	1850	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249649-02	CCV	01	09/08/2007 15:41	
WG249650-01	BLANK	01	09/08/2007 16:42	
WG249650-02	LCS	01	09/08/2007 17:12	
WG249650-03	LCS2	01	09/08/2007 17:42	
L0709038-02	TB-1_0904	01	09/08/2007 20:43	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709038
Instrument: HPMS9
Analyst: MES
Workgroup: WG247666

Tune ID: WG247666-01
Run Date: 08/14/2007
Run Time: 11:19
File ID: 9M56007

Cal ID: HPMS9-14-AUG-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.9	4941	PASS
75.0	95.0	30.0	60.0	43.9	11486	PASS
95.0	95.0	100	100	100	26157	PASS
96.0	95.0	5.00	9.00	6.51	1702	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	82.6	21613	PASS
175	174	5.00	9.00	7.88	1704	PASS
176	174	95.0	101	97.6	21090	PASS
177	176	5.00	9.00	6.57	1386	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG247666-02	STD-S	01	08/14/2007 11:42	
WG247666-03	STD-S	01	08/14/2007 12:13	
WG247666-04	STD-S	01	08/14/2007 12:49	
WG247666-05	STD-S	01	08/14/2007 13:19	
WG247666-06	STD-S	01	08/14/2007 13:51	
WG247666-07	STD-S	01	08/14/2007 14:22	
WG247666-08	STD-CCV-S	01	08/14/2007 14:53	
WG247666-09	STD-S	01	08/14/2007 15:24	
WG247666-10	STD-S	01	08/14/2007 15:55	
WG247666-11	STD-S	01	08/14/2007 16:27	
WG247666-12	SSCV-S	01	08/14/2007 18:01	
WG247666-13	SSCV-S	01	08/14/2007 18:32	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709038
Instrument: HPMS9
Analyst: MES
Workgroup: WG249680Tune ID: WG249680-01
Run Date: 09/10/2007
Run Time: 09:07
File ID: 9M56634
Cal ID: HPMS9-14-AUG-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.1	4154	PASS
75.0	95.0	30.0	60.0	47.0	10776	PASS
95.0	95.0	100	100	100	22938	PASS
96.0	95.0	5.00	9.00	6.94	1592	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	88.9	20400	PASS
175	174	5.00	9.00	6.98	1424	PASS
176	174	95.0	101	95.1	19402	PASS
177	176	5.00	9.00	6.58	1276	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249680-02	CCV-S	01	09/10/2007 10:03	
WG249681-01	BLANK	01	09/10/2007 10:33	
WG249681-02	LCS	01	09/10/2007 11:04	
WG249681-03	REF	01	09/10/2007 16:07	
WG249681-04	MS	01	09/10/2007 16:38	
WG249681-05	MSD	01	09/10/2007 17:08	
L0709038-01	MW235_SS_65	01	09/10/2007 18:10	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709038
Instrument: HPMS9
Analyst: MES
Workgroup: WG249772Tune ID: WG249772-01
Run Date: 09/11/2007
Run Time: 09:20
File ID: 9M56663
Cal ID: HPMS9-14-AUG-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	18.2	4224	PASS
75.0	95.0	30.0	60.0	46.4	10764	PASS
95.0	95.0	100	100	100	23197	PASS
96.0	95.0	5.00	9.00	7.13	1655	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	82.7	19178	PASS
175	174	5.00	9.00	6.70	1284	PASS
176	174	95.0	101	97.2	18632	PASS
177	176	5.00	9.00	6.68	1244	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG249772-02	CCV-S	01	09/11/2007 09:43	
WG249773-01	BLANK	01	09/11/2007 10:14	
WG249773-02	LCS	01	09/11/2007 10:45	
WG249773-03	REF	01	09/11/2007 16:22	
WG249773-04	MS	01	09/11/2007 16:52	
WG249773-05	MSD	01	09/11/2007 17:23	
L0709038-01	MW235_SS_65	A1	09/11/2007 18:55	

* Sample past 12 hour tune limit

INITIAL CALIBRATION SUMMARY

Login Number:L0709038
 Analytical Method:8260B
 ICAL Workgroup:WG249372

Instrument ID:HPMS11
 Initial Calibration Date:05-SEP-07 19:51
 Column ID:F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R ²)
1,1-Dichloroethene	CCC	0.4664	14.4		
1,2-Dichloropropane	CCC	0.2667	10.7		
Chloroform	CCC	0.4928	10.6		
Ethylbenzene	CCC	0.4939	9.13		
Toluene	CCC	1.398	7.15		
Vinyl Chloride	CCC	0.3322	10.2		
1,1,2,2-Tetrachloroethane	SPCC	0.3777	13.3		
1,1-Dichloroethane	SPCC	0.5603	10.9		
Bromoform	SPCC	0.1387	17.7	1.00	
Chlorobenzene	SPCC	0.9424	5.71		
Chloromethane	SPCC	0.3492	12.1		
1,1,1-Trichloroethane		0.4619	12.9		
1,1,2-Trichloroethane		0.2011	16.4		1.00
1,2-Dichloroethane		0.4138	6.33		
2-Butanone		0.05220	4.90		
2-Hexanone		0.1144	4.72		
4-Methyl-2-Pentanone		0.05798	3.48		
Acetone		0.03950	14.0		
Benzene		0.9597	5.97		
Bromodichloromethane		0.3437	11.0		
Bromomethane		0.1391	25.1	1.00	
Carbon Disulfide		0.7293	7.16		
Carbon Tetrachloride		0.3679	17.2		1.00
Chloroethane		0.2193	2.85		
Dibromochloromethane		0.2701	16.8		1.00
Methylene Chloride		0.3006	22.0		1.00
Styrene		0.9666	12.6		
Tetrachloroethene		0.2410	19.2		1.00
Trichloroethene		0.2403	7.66		
cis-1,2-Dichloroethene		0.2532	9.84		
cis-1,3-Dichloropropene		0.3844	12.3		
m-,p-Xylene		0.6258	8.17		
o-Xylene		0.6009	8.09		
trans-1,2-Dichloroethene		0.2478	8.82		
trans-1,3-Dichloropropene		0.4819	11.0		

R = Correlation coefficient; 0.995 minimum

R² = Coefficient of determination; 0.99 minimum

INITIAL CALIBRATION SUMMARY

Login Number:L0709038

Instrument ID:HPMS9

Analytical Method:8260B

Initial Calibration Date:14-AUG-07 16:27

ICAL Workgroup:WG247666

Column ID:F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD(R ²)
1,1-Dichloroethene	CCC	0.2472	9.58		
1,2-Dichloropropane	CCC	0.2446	5.91		
Chloroform	CCC	0.4886	6.48		
Ethylbenzene	CCC	0.4928	6.88		
Toluene	CCC	1.365	6.06		
Vinyl Chloride	CCC	0.2050	8.41		
1,1,2,2-Tetrachloroethane	SPCC	0.4921	5.62		
1,1-Dichloroethane	SPCC	0.5052	6.07		
Bromoform	SPCC	0.1812	7.91		
Chlorobenzene	SPCC	0.9618	5.85		
Chloromethane	SPCC	0.2855	6.81		
1,1,1-Trichloroethane		0.4670	6.54		
1,1,2-Trichloroethane		0.2498	5.82		
1,2-Dichloroethane		0.3752	7.96		
2-Butanone		0.1161	8.47		
2-Hexanone		0.1980	8.61		
4-Methyl-2-Pentanone		0.08620	6.29		
Acetone		0.09077	34.7		0.999
Benzene		1.037	5.92		
Bromodichloromethane		0.3243	6.66		
Bromomethane		0.1493	11.5		
Carbon Disulfide		0.8337	6.50		
Carbon Tetrachloride		0.4010	11.0		
Chloroethane		0.1649	8.41		
Bromochloromethane		0.3068	11.6		
Ethylene Chloride		0.2917	18.6		1.00
Styrene		0.8775	12.1		
Tetrachloroethene		0.2986	6.37		
Trichloroethene		0.3199	6.40		
cis-1,2-Dichloroethene		0.2866	5.62		
cis-1,3-Dichloropropene		0.3787	8.26		
m-,p-Xylene		0.5933	7.83		
o-Xylene		0.5503	9.72		
trans-1,2-Dichloroethene		0.2822	6.05		
trans-1,3-Dichloropropene		0.4341	8.54		

R = Correlation coefficient; 0.995 minimum

R² = Coefficient of determination; 0.99 minimum

KEMRON FORMS - Modified 01/18/2007
 Version 1.5 PDF File ID: 877807
 Report generated 09/18/2007 14:53

INITIAL CALIBRATION DATA

Login Number:L0709038
Analytical Method:8260B

Instrument ID:HPMS11
Initial Calibration Date:05-SEP-07 19:51
Column ID:F

Analyte	WG249372-02			WG249372-03			WG249372-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	3960.00000	0.3469	1.00	11074.00000	0.3977
1,2-Dichloropropane	NA	NA	NA	0.400	2398.00000	0.2101	1.00	7169.00000	0.2575
Chloroform	0.300	3476.00000	0.3829	0.400	5291.00000	0.4635	1.00	13248.00000	0.4758
Ethylbenzene	NA	NA	NA	0.400	3679.00000	0.4555	1.00	8255.00000	0.4190
Toluene	NA	NA	NA	0.400	10116.00000	1.252	1.00	25012.00000	1.270
Vinyl Chloride	NA	NA	NA	0.400	3520.00000	0.3084	1.00	10119.00000	0.3634
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1336.00000	0.3029	1.00	3245.00000	0.3061
1,1-Dichloroethane	NA	NA	NA	0.400	5049.00000	0.4423	1.00	14348.00000	0.5153
Bromoform	NA	NA	NA	NA	NA	NA	1.00	1992.00000	0.1011
Chlorobenzene	NA	NA	NA	0.400	7339.00000	0.9086	1.00	16578.00000	0.8416
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	12092.00000	0.4343
1,1,1-Trichloroethane	NA	NA	NA	0.400	3894.00000	0.3412	1.00	12152.00000	0.4365
1,1,2-Trichloroethane	NA	NA	NA	0.400	1073.00000	0.1328	1.00	3629.00000	0.1842
1,2-Dichloroethane	NA	NA	NA	0.400	4273.00000	0.3744	1.00	10880.00000	0.3908
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.400	10126.00000	0.8871	1.00	24729.00000	0.8882
Bromodichloromethane	NA	NA	NA	0.400	3271.00000	0.2866	1.00	8477.00000	0.3045
Bromomethane	NA	NA	NA	0.400	860.000000	0.07530	1.00	3484.00000	0.1251
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	18105.00000	0.6503
Carbon Tetrachloride	NA	NA	NA	0.400	2756.00000	0.2415	1.00	9208.00000	0.3307
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	6003.00000	0.2156
Dibromochloromethane	NA	NA	NA	0.400	1547.00000	0.1915	1.00	4552.00000	0.2311
Methylene Chloride	NA	NA	NA	NA	NA	NA	1.00	11656.00000	0.4186
Styrene	NA	NA	NA	0.400	6454.00000	0.7991	1.00	16270.00000	0.8259
Tetrachloroethene	NA	NA	NA	0.400	1123.00000	0.1390	1.00	4680.00000	0.2376
Trichloroethene	NA	NA	NA	0.400	2612.00000	0.2288	1.00	5985.00000	0.2150
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2492.00000	0.2183	1.00	6277.00000	0.2255
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3612.00000	0.3164	1.00	9103.00000	0.3270
m,p-Xylene	NA	NA	NA	0.800	8957.00000	0.5545	2.00	22461.00000	0.5701
o-Xylene	NA	NA	NA	0.400	4371.00000	0.5412	1.00	10453.00000	0.5306
trans-1,2-Dichloroethene	NA	NA	NA	0.400	2516.00000	0.2204	1.00	6052.00000	0.2174
trans-1,3-Dichloropropene	NA	NA	NA	0.400	3290.00000	0.4073	1.00	8184.00000	0.4154

INITIAL CALIBRATION DATA

Login Number:L0709038
Analytical Method:8260B

Instrument ID:HPMS11
Initial Calibration Date:05-SEP-07 19:51
Column ID:F

Analyte	WG249372-05			WG249372-06			WG249372-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	27029.0000	0.4937	5.00	67554.0000	0.4842	20.0	292323.0000	0.5179
1,2-Dichloropropane	2.00	14160.0000	0.2586	5.00	38307.0000	0.2746	20.0	164909.0000	0.2922
Chloroform	2.00	28598.0000	0.5223	5.00	73927.0000	0.5299	20.0	307249.0000	0.5443
Ethylbenzene	2.00	19023.0000	0.4901	5.00	48639.0000	0.4913	20.0	217560.0000	0.5427
Toluene	2.00	54066.0000	1.393	5.00	142339.0000	1.438	20.0	601191.0000	1.500
Vinyl Chloride	2.00	20018.0000	0.3656	5.00	49837.0000	0.3572	20.0	190023.0000	0.3366
1,1,2,2-Tetrachloroethane	2.00	8759.0000	0.4167	5.00	20983.0000	0.3955	20.0	88225.0000	0.4049
1,1-Dichloroethane	2.00	31856.0000	0.5818	5.00	82705.0000	0.5928	20.0	348573.0000	0.6175
Bromoform	2.00	4714.0000	0.1214	5.00	13079.0000	0.1321	20.0	63937.0000	0.1595
Chlorobenzene	2.00	36621.0000	0.9434	5.00	94019.0000	0.9497	20.0	402543.0000	1.004
Chloromethane	2.00	17941.0000	0.3277	5.00	47394.0000	0.3397	20.0	186733.0000	0.3308
1,1,1-Trichloroethane	2.00	25629.0000	0.4681	5.00	69527.0000	0.4983	20.0	290189.0000	0.5141
1,1,2-Trichloroethane	2.00	8560.0000	0.2205	5.00	21146.0000	0.2136	20.0	90690.0000	0.2262
1,2-Dichloroethane	2.00	23176.0000	0.4233	5.00	60611.0000	0.4344	20.0	254413.0000	0.4507
2-Butanone	NA	NA	NA	5.00	6807.0000	0.04880	20.0	30841.0000	0.05460
2-Hexanone	NA	NA	NA	5.00	10601.0000	0.1071	20.0	48135.0000	0.1201
4-Methyl-2-Pentanone	NA	NA	NA	5.00	7764.0000	0.05560	20.0	32486.0000	0.05760
Acetone	NA	NA	NA	5.00	6633.0000	0.04750	20.0	21851.0000	0.03870
Benzene	2.00	51016.0000	0.9317	5.00	135997.0000	0.9747	20.0	567353.0000	1.005
Bromodichloromethane	2.00	17932.0000	0.3275	5.00	49823.0000	0.3571	20.0	214776.0000	0.3805
Bromomethane	2.00	7104.0000	0.1297	5.00	19110.0000	0.1370	20.0	87160.0000	0.1544
Carbon Disulfide	2.00	37178.0000	0.6790	5.00	104715.0000	0.7505	20.0	421712.0000	0.7471
Carbon Tetrachloride	2.00	20461.0000	0.3737	5.00	57248.0000	0.4103	20.0	234797.0000	0.4160
Chloroethane	2.00	11636.0000	0.2125	5.00	31816.0000	0.2280	20.0	126272.0000	0.2237
Bromochloromethane	2.00	10139.0000	0.2612	5.00	28055.0000	0.2834	20.0	126050.0000	0.3144
Methylene Chloride	2.00	18340.0000	0.3350	5.00	39865.0000	0.2857	20.0	149670.0000	0.2652
Styrene	2.00	36618.0000	0.9434	5.00	94177.0000	0.9513	20.0	429786.0000	1.072
Tetrachloroethene	2.00	10275.0000	0.2647	5.00	25339.0000	0.2559	20.0	108556.0000	0.2708
Trichloroethene	2.00	12221.0000	0.2232	5.00	33581.0000	0.2407	20.0	145743.0000	0.2582
cis-1,2-Dichloroethene	2.00	13126.0000	0.2397	5.00	36802.0000	0.2638	20.0	156748.0000	0.2777
cis-1,3-Dichloropropene	2.00	20289.0000	0.3706	5.00	55655.0000	0.3989	20.0	240794.0000	0.4266
m-,p-Xylene	4.00	46773.0000	0.6025	10.0	126119.0000	0.6370	40.0	545740.0000	0.6806
o-Xylene	2.00	22811.0000	0.5877	5.00	61477.0000	0.6210	20.0	258545.0000	0.6449
trans-1,2-Dichloroethene	2.00	13164.0000	0.2404	5.00	36066.0000	0.2585	20.0	150666.0000	0.2669
trans-1,3-Dichloropropene	2.00	18371.0000	0.4733	5.00	50563.0000	0.5107	20.0	219451.0000	0.5474

INITIAL CALIBRATION DATA

Login Number:L0709038
Analytical Method:8260B

Instrument ID:HPMS11
Initial Calibration Date:05-SEP-07 19:51
Column ID:F

Analyte	WG249372-09			WG249372-10		
	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	100	1545440.00	0.5210	200	2943837.00	0.5034
1,2-Dichloropropane	100	858651.000	0.2895	200	1661428.00	0.2841
Chloroform	100	1543538.00	0.5204	200	2944043.00	0.5035
Ethylbenzene	100	1171252.00	0.5396	200	2300719.00	0.5193
Toluene	100	3233400.00	1.490	200	6393987.00	1.443
Vinyl Chloride	100	950410.000	0.3204	200	1599594.00	0.2735
1,1,2,2-Tetrachloroethane	100	467404.000	0.4108	200	986392.000	0.4068
1,1-Dichloroethane	100	1764023.00	0.5947	200	3377326.00	0.5776
Bromoform	100	346208.000	0.1595	200	703578.000	0.1588
Chlorobenzene	100	2132836.00	0.9825	200	4283322.00	0.9668
Chloromethane	100	951974.000	0.3209	200	1999913.00	0.3420
1,1,1-Trichloroethane	100	1494975.00	0.5040	200	2752738.00	0.4708
1,1,2-Trichloroethane	100	471724.000	0.2173	200	944122.000	0.2131
1,2-Dichloroethane	100	1245105.00	0.4198	200	2357989.00	0.4032
2-Butanone	100	153752.000	0.05180	200	313313.000	0.05360
2-Hexanone	100	251023.000	0.1156	200	508927.000	0.1149
4-Methyl-2-Pentanone	100	172574.000	0.05820	200	354003.000	0.06050
Acetone	100	106386.000	0.03590	200	209883.000	0.03590
Benzene	100	3026490.00	1.020	200	5908606.00	1.010
Bromodichloromethane	100	1122842.00	0.3786	200	2170919.00	0.3713
Bromomethane	100	523744.000	0.1766	200	1028799.00	0.1759
Carbon Disulfide	100	2310229.00	0.7789	200	4501922.00	0.7699
Carbon Tetrachloride	100	1228209.00	0.4141	200	2276289.00	0.3893
Chloroethane	100	658831.000	0.2221	200	1249393.00	0.2137
Dibromochloromethane	100	669997.000	0.3086	200	1330594.00	0.3003
Methylene Chloride	100	745013.000	0.2512	200	1449619.00	0.2479
Styrene	100	2358398.00	1.086	200	4821043.00	1.088
Tetrachloroethene	100	581464.000	0.2679	200	1112050.00	0.2510
Trichloroethene	100	769587.000	0.2595	200	1503056.00	0.2570
cis-1,2-Dichloroethene	100	812071.000	0.2738	200	1600646.00	0.2737
cis-1,3-Dichloropropene	100	1262107.00	0.4255	200	2488434.00	0.4256
m-,p-Xylene	200	2950242.00	0.6795	400	5817785.00	0.6566
o-Xylene	100	1399395.00	0.6447	200	2818576.00	0.6362
trans-1,2-Dichloroethene	100	796518.000	0.2685	200	1536854.00	0.2628
trans-1,3-Dichloropropene	100	1124247.00	0.5179	200	2222316.00	0.5016

INITIAL CALIBRATION DATA

Login Number:L0709038

Analytical Method:8260B

Instrument ID:HPMS9

Initial Calibration Date:14-AUG-07 16:27

Column ID:F

Analyte	WG247666-02			WG247666-03			WG247666-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	2.00	5138.00000	0.2078
1,2-Dichloropropane	NA	NA	NA	1.00	2850.00000	0.2410	2.00	5496.00000	0.2223
Chloroform	NA	NA	NA	1.00	6347.00000	0.5368	2.00	11688.00000	0.4727
Ethylbenzene	NA	NA	NA	1.00	4720.00000	0.4838	2.00	8964.00000	0.4437
Toluene	NA	NA	NA	1.00	13636.00000	1.398	2.00	25218.00000	1.248
Vinyl Chloride	NA	NA	NA	NA	NA	NA	2.00	5534.00000	0.2238
1,1,2,2-Tetrachloroethane	NA	NA	NA	1.00	2518.00000	0.4757	2.00	4949.00000	0.4528
1,1-Dichloroethane	NA	NA	NA	1.00	6371.00000	0.5388	2.00	11640.00000	0.4707
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	1.00	10158.00000	1.041	2.00	19220.00000	0.9514
Chloromethane	NA	NA	NA	NA	NA	NA	2.00	7223.00000	0.2921
1,1,1-Trichloroethane	NA	NA	NA	1.00	5315.00000	0.4495	2.00	10793.00000	0.4365
1,1,2-Trichloroethane	NA	NA	NA	1.00	2192.00000	0.2247	2.00	5063.00000	0.2506
1,2-Dichloroethane	NA	NA	NA	1.00	4936.00000	0.4175	2.00	9031.00000	0.3652
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	1.00	13062.00000	1.105	2.00	24454.00000	0.9889
Bromodichloromethane	NA	NA	NA	1.00	3791.00000	0.3206	2.00	7107.00000	0.2874
Bromomethane	NA	NA	NA	NA	NA	NA	2.00	4289.00000	0.1735
Carbon Disulfide	NA	NA	NA	1.00	10373.00000	0.8773	2.00	18405.00000	0.7443
Carbon Tetrachloride	NA	NA	NA	1.00	4530.00000	0.3831	2.00	8109.00000	0.3279
Chloroethane	NA	NA	NA	NA	NA	NA	2.00	3688.00000	0.1491
Dibromochloromethane	NA	NA	NA	1.00	2425.00000	0.2486	2.00	5462.00000	0.2704
Methylene Chloride	NA	NA	NA	NA	NA	NA	2.00	9783.00000	0.3956
Styrene	NA	NA	NA	1.00	7337.00000	0.7520	2.00	14376.00000	0.7116
Tetrachloroethene	NA	NA	NA	1.00	3147.00000	0.3226	2.00	5504.00000	0.2725
Trichloroethene	NA	NA	NA	1.00	3902.00000	0.3300	2.00	7125.00000	0.2881
cis-1,2-Dichloroethene	NA	NA	NA	1.00	3356.00000	0.2838	2.00	6567.00000	0.2656
cis-1,3-Dichloropropene	NA	NA	NA	1.00	3996.00000	0.3380	2.00	8421.00000	0.3406
m-,p-Xylene	1.00	6218.00000	0.5264	2.00	11873.00000	0.6085	4.00	21822.00000	0.5401
o-Xylene	NA	NA	NA	1.00	4955.00000	0.5079	2.00	9265.00000	0.4586
trans-1,2-Dichloroethene	NA	NA	NA	1.00	3430.00000	0.2901	2.00	6441.00000	0.2605
trans-1,3-Dichloropropene	NA	NA	NA	1.00	3849.00000	0.3945	2.00	7618.00000	0.3771

INITIAL CALIBRATION DATA

Login Number:L0709038
Analytical Method:8260B

Instrument ID:HPMS9
Initial Calibration Date:14-AUG-07 16:27
Column ID:F

Analyte	WG247666-05			WG247666-06			WG247666-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	5.00	14875.0000	0.2351	10.0	31107.0000	0.2406	20.0	68490.0000	0.2678
1,2-Dichloropropane	5.00	15882.0000	0.2510	10.0	30747.0000	0.2378	20.0	65763.0000	0.2572
Chloroform	5.00	30945.0000	0.4891	10.0	62326.0000	0.4820	20.0	130336.0000	0.5097
Ethylbenzene	5.00	24930.0000	0.4774	10.0	52348.0000	0.4926	20.0	111138.0000	0.5352
Toluene	5.00	71672.0000	1.373	10.0	143297.0000	1.349	20.0	302742.0000	1.458
Vinyl Chloride	5.00	13539.0000	0.2140	10.0	25395.0000	0.1964	20.0	55767.0000	0.2181
1,1,2,2-Tetrachloroethane	5.00	14825.0000	0.5233	10.0	28991.0000	0.4976	20.0	57588.0000	0.5098
1,1-Dichloroethane	5.00	32792.0000	0.5183	10.0	64311.0000	0.4974	20.0	134603.0000	0.5264
Bromoform	5.00	8692.0000	0.1665	10.0	17608.0000	0.1657	20.0	37303.0000	0.1796
Chlorobenzene	5.00	50583.0000	0.9687	10.0	101298.0000	0.9532	20.0	204989.0000	0.9871
Chloromethane	5.00	18421.0000	0.2912	10.0	36719.0000	0.2840	20.0	77875.0000	0.3045
1,1,1-Trichloroethane	5.00	29429.0000	0.4652	10.0	59656.0000	0.4614	20.0	129329.0000	0.5057
1,1,2 Trichloroethane	5.00	13767.0000	0.2636	10.0	27062.0000	0.2547	20.0	53720.0000	0.2587
1,2 Dichloroethane	5.00	24924.0000	0.3940	10.0	49332.0000	0.3815	20.0	97816.0000	0.3825
2-Butanone	5.00	8046.0000	0.1272	10.0	16062.0000	0.1242	20.0	29863.0000	0.1168
2-Hexanone	5.00	10139.0000	0.1942	10.0	21872.0000	0.2058	20.0	41727.0000	0.2009
4-Methyl-2-Pentanone	5.00	5269.0000	0.08330	10.0	10844.0000	0.08390	20.0	21972.0000	0.08590
Acetone	5.00	9707.0000	0.1534	10.0	14059.0000	0.1087	20.0	22443.0000	0.08780
Benzene	5.00	65434.0000	1.034	10.0	132547.0000	1.025	20.0	277331.0000	1.085
Bromodichloromethane	5.00	20052.0000	0.3170	10.0	41393.0000	0.3201	20.0	87611.0000	0.3426
Bromomethane	5.00	9732.0000	0.1538	10.0	19522.0000	0.1510	20.0	40211.0000	0.1572
Carbon Disulfide	5.00	53202.0000	0.8410	10.0	102702.0000	0.7943	20.0	223592.0000	0.8744
Carbon Tetrachloride	5.00	23649.0000	0.3738	10.0	49487.0000	0.3827	20.0	112791.0000	0.4411
Chloroethane	5.00	10013.0000	0.1583	10.0	21370.0000	0.1653	20.0	47599.0000	0.1861
Dibromochloromethane	5.00	15353.0000	0.2940	10.0	31988.0000	0.3010	20.0	67726.0000	0.3261
Methylene Chloride	5.00	19874.0000	0.3141	10.0	39027.0000	0.3018	20.0	71004.0000	0.2777
Styrene	5.00	44443.0000	0.8511	10.0	94385.0000	0.8882	20.0	200390.0000	0.9649
Tetrachloroethene	5.00	15523.0000	0.2973	10.0	30586.0000	0.2878	20.0	64846.0000	0.3123
Trichloroethene	5.00	19827.0000	0.3134	10.0	39948.0000	0.3089	20.0	86385.0000	0.3378
cis-1,2-Dichloroethene	5.00	17946.0000	0.2837	10.0	35963.0000	0.2781	20.0	77229.0000	0.3020
cis-1,3-Dichloropropene	5.00	23535.0000	0.3720	10.0	48434.0000	0.3746	20.0	103271.0000	0.4038
m-,p-Xylene	10.0	62268.0000	0.5962	20.0	125789.0000	0.5919	40.0	267461.0000	0.6439
o-Xylene	5.00	28187.0000	0.5398	10.0	58998.0000	0.5552	20.0	125084.0000	0.6023
trans-1,2-Dichloroethene	5.00	17259.0000	0.2728	10.0	35075.0000	0.2713	20.0	76350.0000	0.2986
trans-1,3-Dichloropropene	5.00	22626.0000	0.4333	10.0	46688.0000	0.4393	20.0	98322.0000	0.4734

INITIAL CALIBRATION DATA

Login Number:L0709038
Analytical Method:8260B

Instrument ID:HPMS9
Initial Calibration Date:14-AUG-07 16:27
Column ID:F

Analyte	WG247666-08			WG247666-09			WG247666-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	183254.000	0.2776	100	360133.000	0.2618	200	705735.000	0.2396
1,2-Dichloropropane	50.0	176504.000	0.2673	100	342111.000	0.2487	200	682026.000	0.2315
Chloroform	50.0	338189.000	0.5122	100	651552.000	0.4737	200	1273387.00	0.4323
Ethylbenzene	50.0	294496.000	0.5393	100	576165.000	0.5103	200	1096359.00	0.4602
Toluene	50.0	799517.000	1.464	100	1563303.00	1.385	200	2968645.00	1.246
Vinyl Chloride	50.0	132627.000	0.2009	100	243329.000	0.1769	NA	NA	NA
1,1,2,2-Tetrachloroethane	50.0	159484.000	0.5309	100	289066.000	0.4767	200	595015.000	0.4702
1,1-Dichloroethane	50.0	354244.000	0.5366	100	685878.000	0.4987	200	1339085.00	0.4546
Bromoform	50.0	110668.000	0.2027	100	216193.000	0.1915	200	431684.000	0.1812
Chlorobenzene	50.0	548531.000	1.005	100	1060166.00	0.9390	200	2023035.00	0.8492
Chloromethane	50.0	199178.000	0.3017	100	382956.000	0.2784	200	726280.000	0.2466
1,1,1-Trichloroethane	50.0	338064.000	0.5121	100	657718.000	0.4782	200	1257952.00	0.4271
1,1,2-Trichloroethane	50.0	145373.000	0.2662	100	278880.000	0.2470	200	555444.000	0.2332
1,2-Dichloroethane	50.0	257877.000	0.3906	100	482650.000	0.3509	200	941425.000	0.3196
2-Butanone	50.0	82648.0000	0.1252	100	145385.000	0.1057	200	326858.000	0.1110
2-Hexanone	50.0	125489.000	0.2298	100	213276.000	0.1889	200	454878.000	0.1909
4-Methyl 2-Pentanone	50.0	64775.0000	0.09810	100	115477.000	0.08400	200	253038.000	0.08590
Acetone	50.0	54075.0000	0.08190	100	97297.0000	0.07070	200	205499.000	0.06980
Benzene	50.0	728751.000	1.104	100	1419556.00	1.032	200	2723816.00	0.9247
Bromodichloromethane	50.0	236809.000	0.3587	100	462577.000	0.3363	200	918456.000	0.3118
Bromomethane	50.0	99932.0000	0.1514	100	193021.000	0.1403	200	346491.000	0.1176
Carbon Disulfide	50.0	590944.000	0.8951	100	1186212.00	0.8624	200	2299960.00	0.7808
Carbon Tetrachloride	50.0	304944.000	0.4619	100	604504.000	0.4395	200	1171227.00	0.3976
Chloroethane	50.0	117147.000	0.1774	100	231785.000	0.1685	200	440066.000	0.1494
Chloromethane	50.0	194209.000	0.3556	100	380562.000	0.3371	200	766916.000	0.3219
Methylene Chloride	50.0	180130.000	0.2728	100	346971.000	0.2523	200	671193.000	0.2279
Styrene	50.0	554391.000	1.015	100	1092334.00	0.9675	200	2071195.00	0.8694
Tetrachloroethene	50.0	174803.000	0.3201	100	339043.000	0.3003	200	657621.000	0.2760
Trichloroethene	50.0	230332.000	0.3489	100	455903.000	0.3315	200	886102.000	0.3008
cis-1,2-Dichloroethene	50.0	207440.000	0.3142	100	404406.000	0.2940	200	799214.000	0.2713
cis-1,3-Dichloropropene	50.0	283058.000	0.4287	100	550976.000	0.4006	200	1093319.00	0.3712
m,p-Xylene	100	719081.000	0.6584	200	1410638.00	0.6247	400	2617273.00	0.5493
o-Xylene	50.0	339346.000	0.6214	100	664243.000	0.5883	200	1259660.00	0.5288
trans-1,2-Dichloroethene	50.0	203609.000	0.3084	100	399507.000	0.2905	200	782075.000	0.2655
trans-1,3-Dichloropropene	50.0	265653.000	0.4865	100	508231.000	0.4501	200	997490.000	0.4187

INITIAL CALIBRATION DATA

Login Number:L0709038
Analytical Method:8260B

Instrument ID:HPMS9
Initial Calibration Date:14-AUG-07 16:27
Column ID:F

WG247666-11

Analyte	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA
Chloroform	NA	NA	NA
Ethylbenzene	NA	NA	NA
Toluene	NA	NA	NA
Vinyl Chloride	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA
1,1 Dichloroethane	NA	NA	NA
Bromoform	NA	NA	NA
Chlorobenzene	NA	NA	NA
Chloromethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA
2 Butanone	300	425903.000	0.1029
2-Hexanone	300	582879.000	0.1753
4-Methyl-2-Pentanone	300	340663.000	0.08230
Acetone	300	261331.000	0.06310
Benzene	NA	NA	NA
Bromodichloromethane	NA	NA	NA
Bromomethane	NA	NA	NA
Carbon Disulfide	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA
Chloroethane	NA	NA	NA
Dibromochloromethane	NA	NA	NA
Methylene Chloride	NA	NA	NA
Styrene	NA	NA	NA
Tetrachloroethene	NA	NA	NA
Trichloroethene	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA
m-,p-Xylene	NA	NA	NA
o-Xylene	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA

Login Number:L0709038
Instrument ID:HPMS11
File ID:11M45228
ICal Workgroup:WG249372

Run Date:09/06/2007
Run Time:14:21
Analyst:MES
Cal ID:HPMS11 - 05-SEP-07

Sample ID:WG249372-11
Method:8260B
QC Key:STD

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	22.4	ug/L	0.558	12.2	30	
1,1-Dichloroethene	CCC	20.0	23.4	ug/L	0.553	17.0	30	
1,2-Dichloropropane	CCC	20.0	22.3	ug/L	0.302	11.6	30	
Ethylbenzene	CCC	20.0	22.1	ug/L	0.552	10.5	30	
Toluene	CCC	20.0	21.8	ug/L	1.54	9.00	30	
Vinyl Chloride	CCC	20.0	22.6	ug/L	0.375	13.2	30	
Bromoform	SPCC	20.0	19.2	ug/L	0.152	4.10	30	
Chlorobenzene	SPCC	20.0	21.2	ug/L	1.01	6.20	30	
Chloromethane	SPCC	20.0	21.0	ug/L	0.366	4.90	30	
1,1-Dichloroethane	SPCC	20.0	22.2	ug/L	0.629	11.1	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.6	ug/L	0.414	8.20	30	
Acetone		20.0	21.2	ug/L	0.0418	6.10	30	
Benzene		20.0	21.6	ug/L	1.04	8.10	30	
Bromodichloromethane		20.0	23.0	ug/L	0.400	14.8	30	
Bromomethane		20.0	22.6	ug/L	0.193	13.2	30	
2-Butanone		20.0	20.3	ug/L	0.0534	1.70	30	
Carbon Disulfide		20.0	19.2	ug/L	0.705	3.90	30	
Carbon Tetrachloride		20.0	21.2	ug/L	0.446	5.90	30	
Dibromochloromethane		20.0	20.1	ug/L	0.316	0.500	30	
Chloroethane		20.0	22.8	ug/L	0.251	14.1	30	
1,2-Dichloroethane		20.0	21.6	ug/L	0.451	8.10	30	
cis-1,2-Dichloroethene		20.0	22.3	ug/L	0.286	11.7	30	
trans-1,2-Dichloroethene		20.0	21.9	ug/L	0.274	9.50	30	
cis-1,3-Dichloropropene		20.0	22.4	ug/L	0.437	12.0	30	
trans-1,3-Dichloropropene		20.0	21.1	ug/L	0.515	5.30	30	
2-Hexanone		20.0	19.7	ug/L	0.115	1.50	30	
4-Methyl-2-Pentanone		20.0	20.2	ug/L	0.0591	0.900	30	
Methylene Chloride		20.0	20.8	ug/L	0.272	4.20	30	
Styrene		20.0	22.3	ug/L	1.09	11.3	30	
Tetrachloroethene		20.0	20.7	ug/L	0.286	3.70	30	
1,1,1-Trichloroethane		20.0	23.4	ug/L	0.547	16.9	30	
1,1,2-Trichloroethane		20.0	21.3	ug/L	0.238	6.30	30	
Trichloroethene		20.0	22.7	ug/L	0.276	13.7	30	
o-Xylene		20.0	21.6	ug/L	0.656	8.00	30	
m-,p-Xylene		40.0	43.3	ug/L	0.685	8.20	30	

* Exceeds %D Limit

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

Login Number:L0709038
Instrument ID:HPMS9
File ID:9M56020
ICal Workgroup:WG247666

Run Date:08/14/2007
Run Time:18:01
Analyst:MES
Cal ID: HPMS9 - 14-AUG-07

Sample ID:WG247666-12
Method:8260B
QC Key:STD

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	21.0	ug/kg	0.513	4.90	30	
1,1-Dichloroethene	CCC	20.0	23.7	ug/kg	0.293	18.6	30	
1,2-Dichloropropane	CCC	20.0	22.8	ug/kg	0.279	14.0	30	
Ethylbenzene	CCC	20.0	22.8	ug/kg	0.561	13.8	30	
Toluene	CCC	20.0	22.4	ug/kg	1.53	11.9	30	
Vinyl Chloride	CCC	20.0	22.6	ug/kg	0.232	13.2	30	
Bromoform	SPCC	20.0	21.1	ug/kg	0.191	5.40	30	
Chlorobenzene	SPCC	20.0	21.7	ug/kg	1.04	8.50	30	
Chloromethane	SPCC	20.0	24.3	ug/kg	0.347	21.7	30	
1,1-Dichloroethane	SPCC	20.0	21.1	ug/kg	0.534	5.60	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	22.3	ug/kg	0.549	11.5	30	
Acetone		20.0	22.2	ug/kg	0.0985	11.0	30	
Benzene		20.0	22.2	ug/kg	1.15	11.1	30	
Bromodichloromethane		20.0	22.1	ug/kg	0.358	10.3	30	
Bromomethane		20.0	22.7	ug/kg	0.170	13.6	30	
2-Butanone		20.0	20.3	ug/kg	0.118	1.50	30	
Carbon Disulfide		20.0	19.2	ug/kg	0.802	3.80	30	
Carbon Tetrachloride		20.0	22.1	ug/kg	0.442	10.3	30	
Dibromochloromethane		20.0	22.1	ug/kg	0.339	10.6	30	
Chloroethane		20.0	22.9	ug/kg	0.189	14.3	30	
1,2-Dichloroethane		20.0	20.2	ug/kg	0.380	1.20	30	
cis-1,2-Dichloroethene		20.0	22.8	ug/kg	0.327	14.2	30	
trans-1,2-Dichloroethene		20.0	22.0	ug/kg	0.311	10.1	30	
cis-1,3-Dichloropropene		20.0	22.5	ug/kg	0.425	12.3	30	
trans-1,3-Dichloropropene		20.0	20.4	ug/kg	0.443	2.10	30	
2-Hexanone		20.0	21.8	ug/kg	0.216	9.00	30	
Methylene Chloride		20.0	21.0	ug/kg	0.297	5.10	30	
4-Methyl-2-Pentanone		20.0	22.7	ug/kg	0.0980	13.7	30	
Styrene		20.0	23.7	ug/kg	1.04	18.4	30	
Tetrachloroethene		20.0	22.2	ug/kg	0.332	11.2	30	
1,1,1-Trichloroethane		20.0	21.4	ug/kg	0.501	7.20	30	
1,1,2-Trichloroethane		20.0	22.5	ug/kg	0.281	12.5	30	
Trichloroethene		20.0	23.2	ug/kg	0.371	15.9	30	
o-Xylene		20.0	22.9	ug/kg	0.630	14.5	30	
m-,p-Xylene		40.0	45.5	ug/kg	0.675	13.8	30	

* Exceeds %D Limit

CCC Calibration Check Compounds

SPCC System Performance Check Compounds

Login Number:L0709038
Instrument ID:HPMS11
File ID:11M45290
Workgroup (AAB#):WG249650

Run Date:09/08/2007
Run Time:15:41
Analyst:MES
Cal ID:HPMS11 - 05-SEP-07

Sample ID:WG249649-02
Method:8260B
QC Key:STD

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	52.0	ug/L	0.518	4.06	20	
1,1-Dichloroethene	CCC	50.0	54.1	ug/L	0.511	8.16	20	
1,2-Dichloropropane	CCC	50.0	51.4	ug/L	0.277	2.73	20	
Ethylbenzene	CCC	50.0	55.7	ug/L	0.557	11.4	20	
Toluene	CCC	50.0	54.7	ug/L	1.54	9.41	20	
Vinyl Chloride	CCC	50.0	47.4	ug/L	0.314	5.23	20	
Bromoform	SPCC	50.0	53.2	ug/L	0.169	6.43	40	
Chlorobenzene	SPCC	50.0	54.7	ug/L	1.04	9.40	40	
Chloromethane	SPCC	50.0	45.7	ug/L	0.319	8.54	40	
1,1-Dichloroethane	SPCC	50.0	51.5	ug/L	0.582	2.95	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	54.5	ug/L	0.417	9.07	40	
Acetone		50.0	40.6	ug/L	0.0320	18.7	40	
Benzene		50.0	50.0	ug/L	0.966	0.0316	40	
Bromodichloromethane		50.0	53.7	ug/L	0.375	7.44	40	
Bromomethane		50.0	49.0	ug/L	0.170	2.07	40	
2-Butanone		50.0	44.6	ug/L	0.0469	10.8	40	
Carbon Disulfide		50.0	47.6	ug/L	0.698	4.85	40	
Carbon Tetrachloride		50.0	49.0	ug/L	0.411	2.09	40	
Dibromochloromethane		50.0	53.0	ug/L	0.333	5.91	40	
Chloroethane		50.0	48.6	ug/L	0.214	2.73	40	
1,2-Dichloroethane		50.0	51.5	ug/L	0.430	2.95	40	
cis-1,2-Dichloroethene		50.0	51.4	ug/L	0.263	2.80	40	
trans-1,2-Dichloroethene		50.0	50.7	ug/L	0.254	1.36	40	
cis-1,3-Dichloropropene		50.0	52.9	ug/L	0.413	5.85	40	
trans-1,3-Dichloropropene		50.0	57.5	ug/L	0.563	15.0	40	
2-Hexanone		50.0	52.6	ug/L	0.122	5.26	40	
4-Methyl-2-Pentanone		50.0	47.8	ug/L	0.0560	4.44	40	
Methylene Chloride		50.0	47.5	ug/L	0.242	5.08	40	
Styrene		50.0	57.1	ug/L	1.12	14.2	40	
Tetrachloroethene		50.0	51.2	ug/L	0.280	2.40	40	
1,1,1-Trichloroethane		50.0	53.7	ug/L	0.503	7.46	40	
1,1,2-Trichloroethane		50.0	51.4	ug/L	0.228	2.80	40	
Trichloroethene		50.0	51.3	ug/L	0.249	2.53	40	
o-Xylene		50.0	55.2	ug/L	0.670	10.4	40	
m-,p-Xylene		100	112	ug/L	0.708	11.9	40	
1,2-Dichloroethene		100	102	ug/L	0.258	2.08	40	
Xylenes		150	167	ug/L	0.689	11.4	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds

SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (CCV)

Version 1.5 PDF File ID: 877810

Report generated 09/18/2007 14:53

952 326

CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number:L0709038
Instrument ID:HPMS9
File ID:9M56636
Workgroup (AAB#):WG249681

Run Date:09/10/2007
Run Time:10:03
Analyst:MES
Cal ID: HPMS9 - 14-AUG-07

Sample ID:WG249680-02
Method:8260B
QC Key:STD

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	47.8	ug/kg	0.467	4.47	20	
1,1-Dichloroethene	CCC	50.0	51.7	ug/kg	0.256	3.35	20	
1,2-Dichloropropane	CCC	50.0	47.9	ug/kg	0.235	4.15	20	
Ethylbenzene	CCC	50.0	50.8	ug/kg	0.501	1.62	20	
Toluene	CCC	50.0	48.8	ug/kg	1.33	2.32	20	
Vinyl Chloride	CCC	50.0	50.9	ug/kg	0.209	1.90	20	
Bromoform	SPCC	50.0	56.6	ug/kg	0.205	13.1	40	
Chlorobenzene	SPCC	50.0	48.5	ug/kg	0.934	2.91	40	
Chloromethane	SPCC	50.0	47.4	ug/kg	0.271	5.20	40	
1,1-Dichloroethane	SPCC	50.0	46.7	ug/kg	0.472	6.63	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	47.6	ug/kg	0.468	4.84	40	
Acetone		50.0	35.0	ug/kg	0.0581	30.0	40	
Benzene		50.0	48.2	ug/kg	0.999	3.69	40	
Bromodichloromethane		50.0	51.6	ug/kg	0.335	3.14	40	
Bromomethane		50.0	52.1	ug/kg	0.156	4.18	40	
2-Butanone		50.0	42.9	ug/kg	0.0996	14.2	40	
Carbon Disulfide		50.0	44.8	ug/kg	0.748	10.3	40	
Carbon Tetrachloride		50.0	58.4	ug/kg	0.468	16.8	40	
Dibromochloromethane		50.0	56.2	ug/kg	0.345	12.5	40	
Chloroethane		50.0	49.1	ug/kg	0.162	1.88	40	
1,2-Dichloroethane		50.0	47.5	ug/kg	0.357	4.98	40	
cis-1,2-Dichloroethene		50.0	50.5	ug/kg	0.290	1.02	40	
trans-1,2-Dichloroethene		50.0	50.8	ug/kg	0.287	1.55	40	
cis-1,3-Dichloropropene		50.0	50.9	ug/kg	0.386	1.84	40	
trans-1,3-Dichloropropene		50.0	51.0	ug/kg	0.443	1.97	40	
2-Hexanone		50.0	50.3	ug/kg	0.199	0.611	40	
Methylene Chloride		50.0	46.1	ug/kg	0.249	7.79	40	
4-Methyl-2-Pentanone		50.0	52.4	ug/kg	0.0903	4.74	40	
Styrene		50.0	52.7	ug/kg	0.924	5.33	40	
Tetrachloroethene		50.0	52.2	ug/kg	0.312	4.37	40	
1,1,1-Trichloroethane		50.0	52.1	ug/kg	0.486	4.14	40	
1,1,2-Trichloroethane		50.0	49.2	ug/kg	0.246	1.55	40	
Trichloroethene		50.0	53.3	ug/kg	0.341	6.57	40	
o-Xylene		50.0	51.7	ug/kg	0.569	3.48	40	
m-,p-Xylene		100	102	ug/kg	0.606	2.08	40	
Xylenes		150	154	ug/kg	0.588	2.54	40	
1,2-Dichloroethane		100	101	ug/kg	0.288	1.29	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds

SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (CCV)
Version 1.5 PDF File ID:877810
Report generated 09/18/2007 14:53

Login Number: L0709038
Instrument ID: HPMS9
File ID: 9M56664
Workgroup (AAB#): WG249773

Run Date: 09/11/2007
Run Time: 09:43
Analyst: MES
Cal ID: HPMS9 - 14-AUG-07

Sample ID: WG249772-02
Method: 8260B
QC Key: STD

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	52.0	ug/kg	0.508	3.98	20	
1,1-Dichloroethene	CCC	50.0	54.7	ug/kg	0.271	9.41	20	
1,2-Dichloropropane	CCC	50.0	51.4	ug/kg	0.251	2.77	20	
Ethylbenzene	CCC	50.0	53.6	ug/kg	0.528	7.23	20	
Toluene	CCC	50.0	52.2	ug/kg	1.42	4.39	20	
Vinyl Chloride	CCC	50.0	55.1	ug/kg	0.226	10.1	20	
Bromoform	SPCC	50.0	63.1	ug/kg	0.229	26.2	40	
Chlorobenzene	SPCC	50.0	51.6	ug/kg	0.992	3.15	40	
Chloromethane	SPCC	50.0	51.3	ug/kg	0.293	2.62	40	
1,1-Dichloroethane	SPCC	50.0	50.2	ug/kg	0.508	0.467	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	52.4	ug/kg	0.515	4.72	40	
Acetone		50.0	54.4	ug/kg	0.0859	8.81	40	
Benzene		50.0	51.3	ug/kg	1.06	2.54	40	
Bromodichloromethane		50.0	56.5	ug/kg	0.366	13.0	40	
Bromomethane		50.0	55.7	ug/kg	0.166	11.5	40	
2-Butanone		50.0	52.8	ug/kg	0.123	5.68	40	
Carbon Disulfide		50.0	52.4	ug/kg	0.874	4.84	40	
Carbon Tetrachloride		50.0	61.6	ug/kg	0.494	23.2	40	
Dibromochloromethane		50.0	60.6	ug/kg	0.372	21.1	40	
Chloroethane		50.0	54.7	ug/kg	0.180	9.43	40	
1,2-Dichloroethane		50.0	52.4	ug/kg	0.394	4.89	40	
cis-1,2-Dichloroethene		50.0	53.6	ug/kg	0.307	7.24	40	
trans-1,2-Dichloroethene		50.0	53.1	ug/kg	0.300	6.27	40	
cis-1,3-Dichloropropene		50.0	55.8	ug/kg	0.422	11.5	40	
trans-1,3-Dichloropropene		50.0	55.4	ug/kg	0.481	10.7	40	
2-Hexanone		50.0	54.8	ug/kg	0.217	9.53	40	
Methylene Chloride		50.0	49.3	ug/kg	0.265	1.41	40	
4-Methyl-2-Pentanone		50.0	56.9	ug/kg	0.0980	13.8	40	
Styrene		50.0	56.5	ug/kg	0.991	12.9	40	
Tetrachloroethene		50.0	53.9	ug/kg	0.322	7.74	40	
1,1,1-Trichloroethane		50.0	55.6	ug/kg	0.519	11.2	40	
1,1,2-Trichloroethane		50.0	53.7	ug/kg	0.268	7.33	40	
Trichloroethene		50.0	55.4	ug/kg	0.355	10.8	40	
o-Xylene		50.0	55.3	ug/kg	0.608	10.5	40	
m-,p-Xylene		100	109	ug/kg	0.646	8.83	40	
Xylenes		150	164	ug/kg	0.627	9.39	40	
1,2-Dichloroethene		100	107	ug/kg	0.304	6.76	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds

SPCC System Performance Check Compounds

KEMRON FORMS - Modified 09/06/2007 - (CCV)
Version 1.5 PDF File ID: 877810
Report generated 09/18/2007 14:53

952 328

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)Login Number:L0709038
Instrument ID:HPMS11
Workgroup (AAB#):WG249650CCV Number:WG249649-02
CAL ID: HPMS11 - 05-SEP-07
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249649-02	NA	NA	300714	560296	839339
Upper Limit	NA	NA	601428	1120592	1678678
Lower Limit	NA	NA	150357	280148	419670
L0709038-02	1.00	01	273949	522353	787485
WG249650-01	1.00	01	292331	539199	818347
WG249650-02	1.00	01	291080	543635	816899
WG249650-03	1.00	01	291919	552335	828849

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - FluorobenzeneUnderline = Response outside limits

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

952 329

Login Number:L0709038

Instrument ID:HPMS9

Workgroup (AAB#):WG249681

CCV Number:WG249680-02

CAL ID: HPMS9-14-AUG-07

Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249680-02	NA	NA	275813	503579	601147
Upper Limit	NA	NA	551626	1007158	1202294
Lower Limit	NA	NA	137907	251790	300574
L0709038-01	1.00	01	<u>73894</u>	<u>227220</u>	421785
WG249681-01	1.00	01	262627	481864	584842
WG249681-02	1.00	01	279122	490388	583114
WG249681-03	1.00	01	269072	496408	608168
WG249681-04	1.00	01	263583	492074	593539
WG249681-05	1.00	01	271558	504542	604109

IS-1 - 1,4-Dichlorobenzene-d4

IS-2 - Chlorobenzene-d5

IS-3 - Fluorobenzene

Underline = Response outside limits

952 330

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)Login Number: L0709038
Instrument ID: HPMS9
Workgroup (AAB#): WG249773CCV Number: WG249772-02
CAL ID: HPMS9-14-AUG-07
Matrix: SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249772-02	NA	NA	266175	471466	560950
Upper Limit	NA	NA	532350	942932	1121900
Lower Limit	NA	NA	133088	235733	280475
L0709038-01	1.00	A1	<u>115091</u>	299352	480687
WG249773-01	1.00	01	253393	462080	562845
WG249773-02	1.00	01	260595	468516	556530
WG249773-03	1.00	01	214628	415981	513553
WG249773-04	1.00	01	207922	425096	526016
WG249773-05	1.00	01	221887	456111	567470

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - FluorobenzeneUnderline = Response outside limits

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

952 331

Login Number:L0709038
Instrument ID:HPMS11
Workgroup (AAB#):WG249650

CCV Number:WG249649-02
CAL ID: HPMS11-05-SEP-07
Matrix:WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249649-02	NA	NA	16.82	14.01	10.38
Upper Limit	NA	NA	17.32	14.51	10.88
Lower Limit	NA	NA	16.32	13.51	9.88
L0709038-02	1.00	01	16.823	14.01	10.381
WG249650-01	1.00	01	16.823	14.01	10.381
WG249650-02	1.00	01	16.823	14.01	10.381
WG249650-03	1.00	01	16.823	14.01	10.381

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

952 332

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number:L0709038
Instrument ID:HPMS9
Workgroup (AAB#):WG249681

CCV Number:WG249680-02
CAL ID: HPMS9-14-AUG-07
Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249680-02	NA	NA	15.23	12.26	8.41
Upper Limit	NA	NA	15.73	12.76	8.91
Lower Limit	NA	NA	14.73	11.76	7.91
L0709038-01	1.00	01	15.23	12.26	8.41
WG249681-01	1.00	01	15.23	12.25	8.41
WG249681-02	1.00	01	15.23	12.26	8.41
WG249681-03	1.00	01	15.24	12.26	8.41
WG249681-04	1.00	01	15.23	12.26	8.41
WG249681-05	1.00	01	15.23	12.25	8.41

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

952 333

Login Number:L0709038
Instrument ID:HPMS9
Workgroup (AAB#):WG249773

CCV Number:WG249772-02
CAL ID: HPMS9-14-AUG-07
Matrix:SOLID

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG249772-02	NA	NA	15.23	12.26	8.41
Upper Limit	NA	NA	15.73	12.76	8.91
Lower Limit	NA	NA	14.73	11.76	7.91
L0709038-01	1.00	A1	15.23	12.26	8.41
WG249773-01	1.00	01	15.23	12.26	8.41
WG249773-02	1.00	01	15.23	12.26	8.41
WG249773-03	1.00	01	15.24	12.26	8.42
WG249773-04	1.00	01	15.23	12.26	8.41
WG249773-05	1.00	01	15.24	12.26	8.41

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

2.1.1.3 Sample Data

Data File : C:\MSDCHEM\1\data\091007\9M56652.D

Vial: 18

Acq On : 10 Sep 2007 18.10

Operator: MES

Sample : L0709038-01 A 826-SPE

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 18:32:32 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	421785	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	227220	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	73894	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	139668	60.2140	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.42%#
42) 1,2-Dichloroethane-d4	7.99	65	133899	53.1197	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.24%
56) Toluene-d8	10.40	98	367965	70.9724	ug/kg	0.00
Spiked Amount	50.000	Range	81 - 117	Recovery	=	141.94%#
77) p-Bromofluorobenzene	13.76	95	75609	62.9831	ug/kg	0.00
Spiked Amount	50.000	Range	74 - 121	Recovery	=	125.96%#

Target Compounds

					Qvalue
13) Acetone	3.88	43	37144	55.9662	ug/kg# 70
20) Carbon Disulfide	4.81	76	8127	1.1556	ug/kg# 78
24) n-Hexane	5.46	57	1754	0.4240	ug/kg# 65
29) 2-Butanone	6.62	43	1698	1.7333	ug/kg# 56
89) p-Isopropyltoluene	15.03	119	1320	0.3452	ug/kg# 48
97) Naphthalene	18.16	128	1101	0.3964	ug/kg# 68

 (#) = qualifier out of range (m) = manual integration
 9M56652.D 826_SLST.M Mon Sep 10 18:32:34 2007

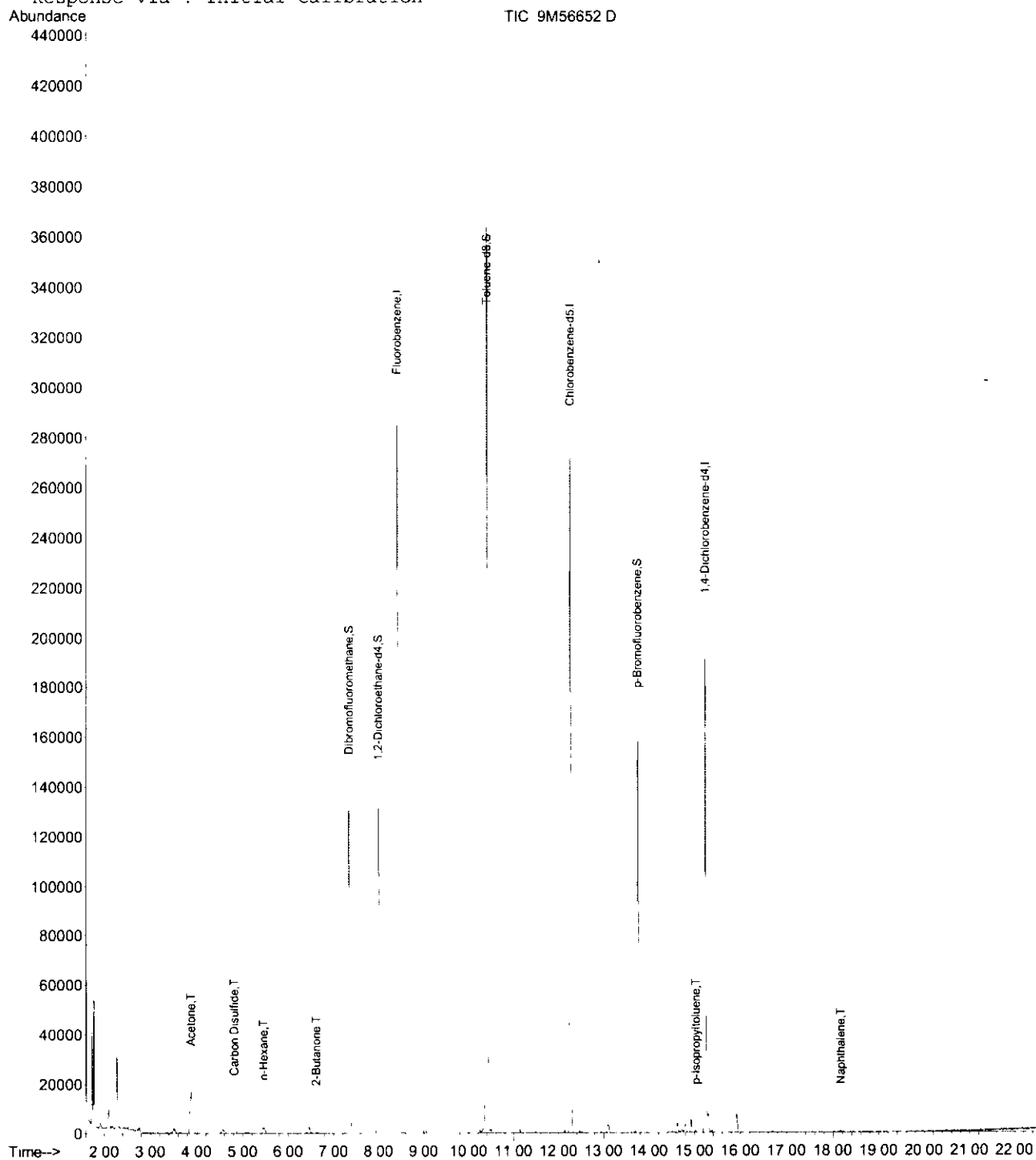
Page 1

Data File : C:\MSDCHEM\1\data\091007\9M56652.D
Acq On : 10 Sep 2007 18:10
Sample : L0709038-01 A 826-SPE
Misc : 7,1
MS Integration Params: RTEINT.P
Quant Time: Sep 10 18:32 2007

Vial: 18
Operator: MES
Inst : HPMS9
Multiplr: 1.00

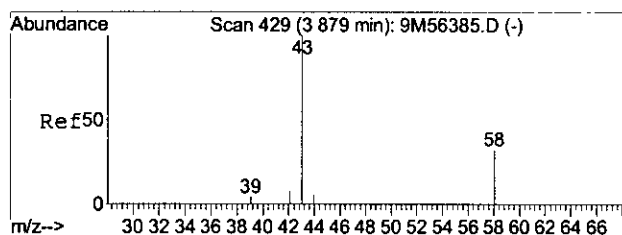
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Thu Aug 30 14:04:45 2007
Response via : Initial Calibration



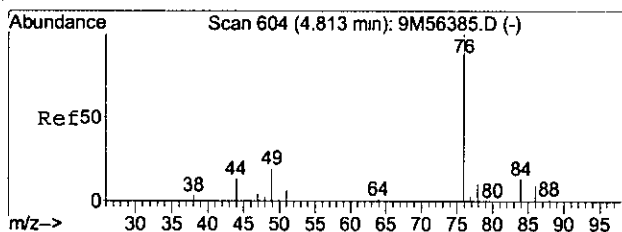
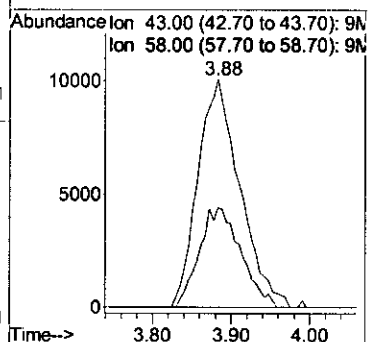
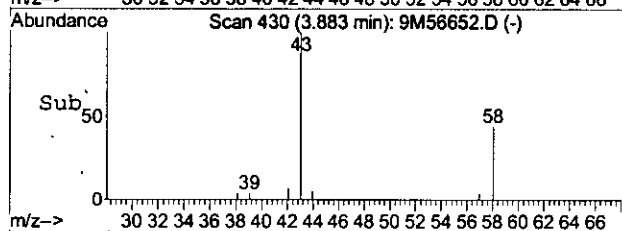
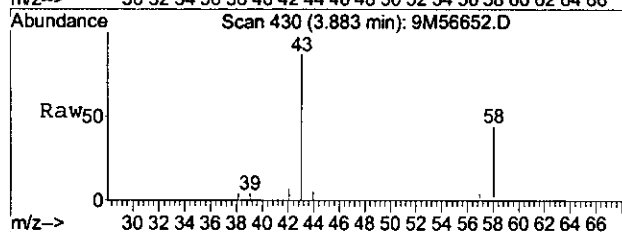
9M56652.D 826_SLST.M Mon Sep 10 18:32:35 2007

Page 2



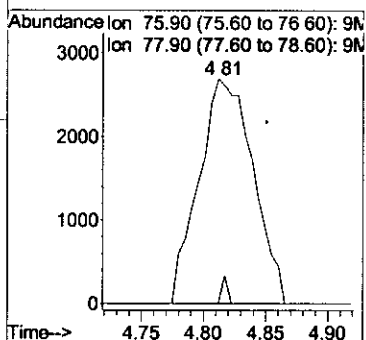
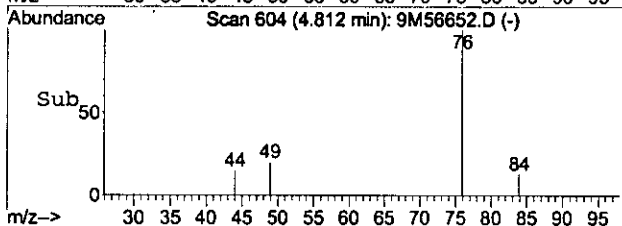
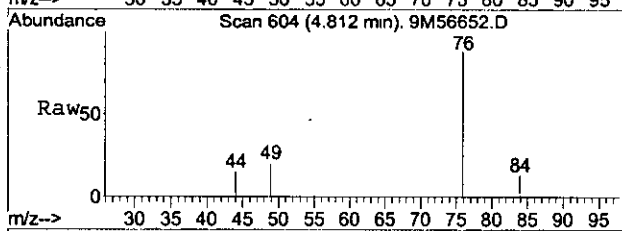
#13
Acetone
Concen: 55.97 ug/kg
RT: 3.88 min Scan# 430
Delta R.T. 0.00 min
Lab File: 9M56652.D
Acq: 10 Sep 2007 18:10

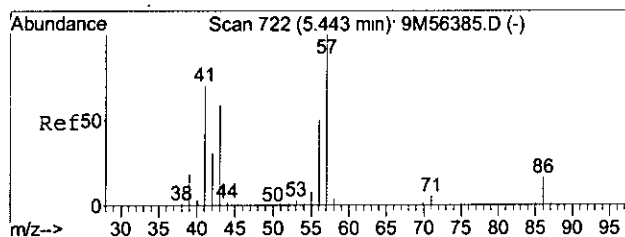
Tgt Ion: 43 Resp: 37144
Ion Ratio Lower Upper
43 100
58 43.3 16.7 38.9#



#20
Carbon Disulfide
Concen: 1.16 ug/kg
RT: 4.81 min Scan# 604
Delta R.T. -0.00 min
Lab File: 9M56652.D
Acq: 10 Sep 2007 18:10

Tgt Ion: 76 Resp: 8127
Ion Ratio Lower Upper
76 100
78 1.3 5.6 13.0#





#24

n-Hexane

Concen: 0.42 ug/kg

RT: 5.46 min Scan# 725

Delta R.T. 0.01 min

Lab File: 9M56652.D

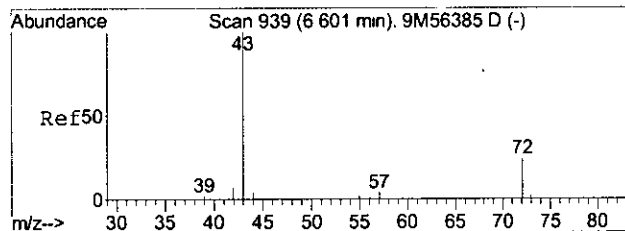
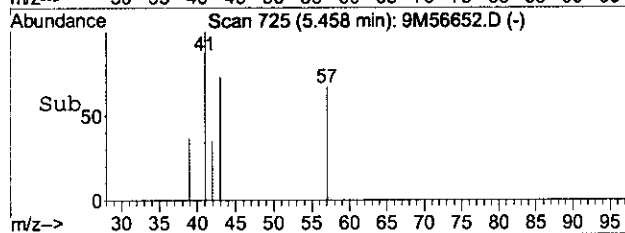
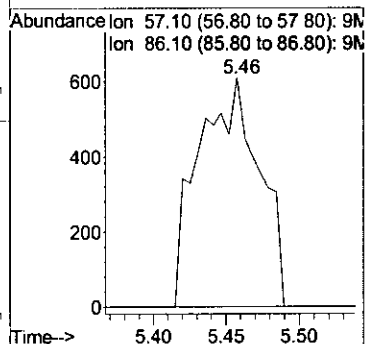
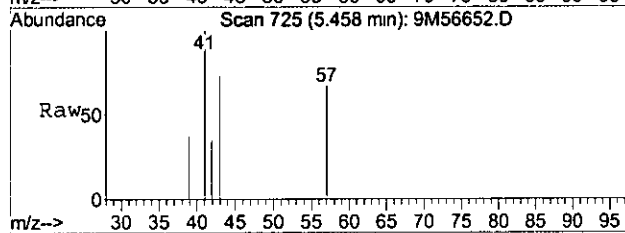
Acq: 10 Sep 2007 18:10

Tgt Ion: 57 Resp: 1754

Ion Ratio Lower Upper

57 100

86 0.0 8.8 20.4#



#29

2-Butanone

Concen: 1.73 ug/kg

RT: 6.62 min Scan# 943

Delta R.T. 0.03 min

Lab File: 9M56652.D

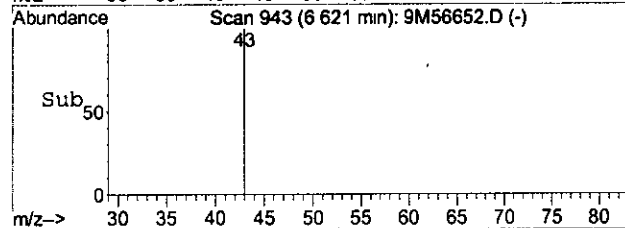
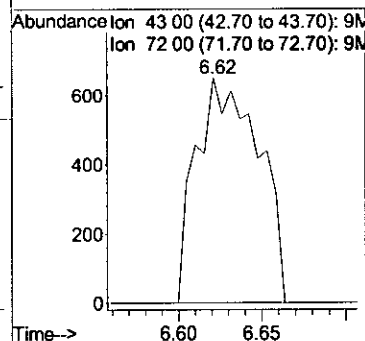
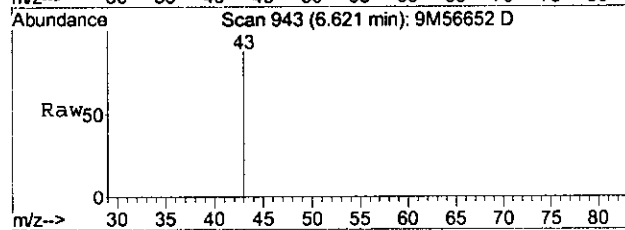
Acq: 10 Sep 2007 18:10

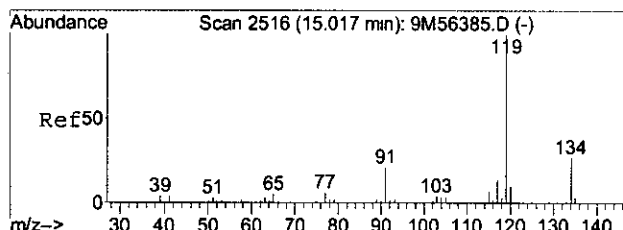
Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

43 100

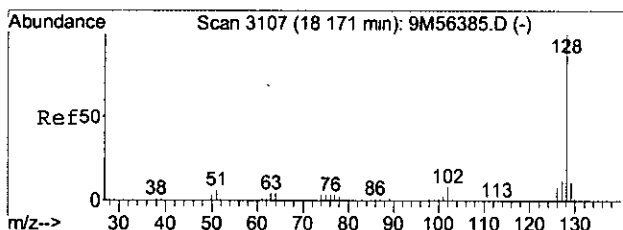
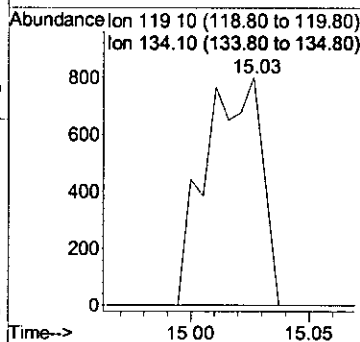
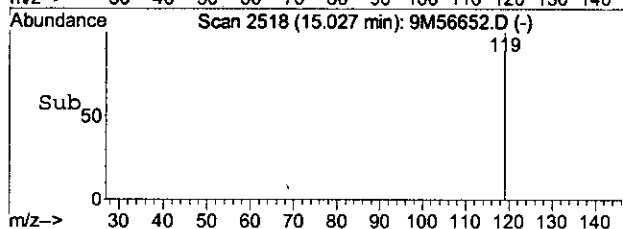
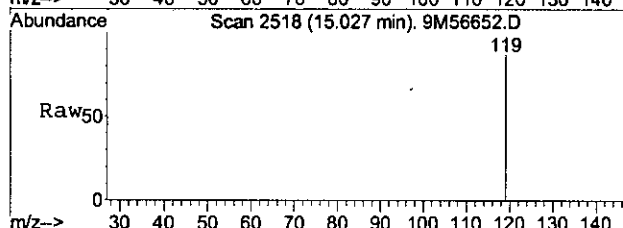
72 0.0 12.4 28.8#





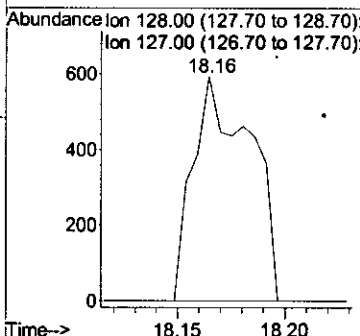
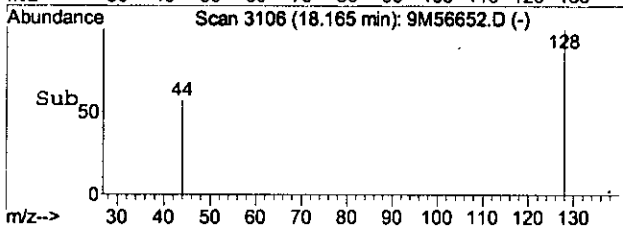
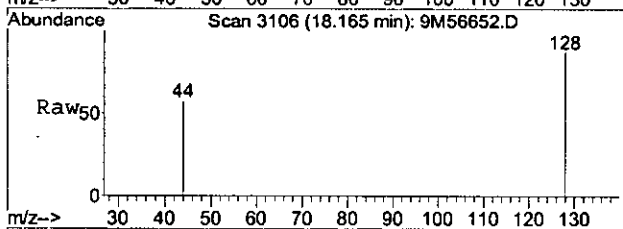
#89
p-Isopropyltoluene
Concen: 0.35 ug/kg
RT: 15.03 min Scan# 2518
Delta R.T. 0.01 min
Lab File: 9M56652.D
Acq: 10 Sep 2007 18:10

Tgt Ion: 119 Resp: 1320
Ion Ratio Lower Upper
119 100
134 0.0 16.0 37.4#



#97
Naphthalene
Concen: 0.40 ug/kg
RT: 18.16 min Scan# 3106
Delta R.T. -0.01 min
Lab File: 9M56652.D
Acq: 10 Sep 2007 18:10

Tgt Ion: 128 Resp: 1101
Ion Ratio Lower Upper
128 100
127 0.0 7.4 17.4#



Data File : C:\MSDCHEM\1\data\091107\9M56682.D Vial: 20
 Acq On : 11 Sep 2007 18:55 Operator: MES
 Sample : L0709038-01 B 826-SPE Inst : HPMS9
 Misc : 7,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 11 19:17:58 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Thu Aug 30 14:04:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	480687	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	299352	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	115091	50.00	ug/kg	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane		7.33	111	148029	55.9985	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120		Recovery	=	112.00%	
42) 1,2-Dichloroethane-d4		7.99	65	141422	49.2293	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120		Recovery	=	98.46%	
56) Toluene-d8		10.40	98	435911	63.8183	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117		Recovery	=	127.64%#	
77) p-Bromofluorobenzene		13.75	95	109713	58.6782	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121		Recovery	=	117.36%	

Target Compounds		R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone		3.88	43	39883	52.3664	ug/kg#	73
18) Methyl acetate		4.59	43	1720	0.9651	ug/kg#	58
20) Carbon Disulfide		4.82	76	8671	1.0819	ug/kg#	88
24) n-Hexane		5.44	57	1494	0.3169	ug/kg#	65
29) 2-Butanone		6.63	43	1861	1.6669	ug/kg#	56

 (#) = qualifier out of range (m) = manual integration
 9M56682.D 826_SLST.M Tue Sep 11 19:17:59 2007

Data File : C:\MSDCHEM\1\data\091107\9M56682.D

Vial: 20

Acq On : 11 Sep 2007 18:55

Operator: MES

Sample : L0709038-01 B 826-SPE

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 19:17 2007

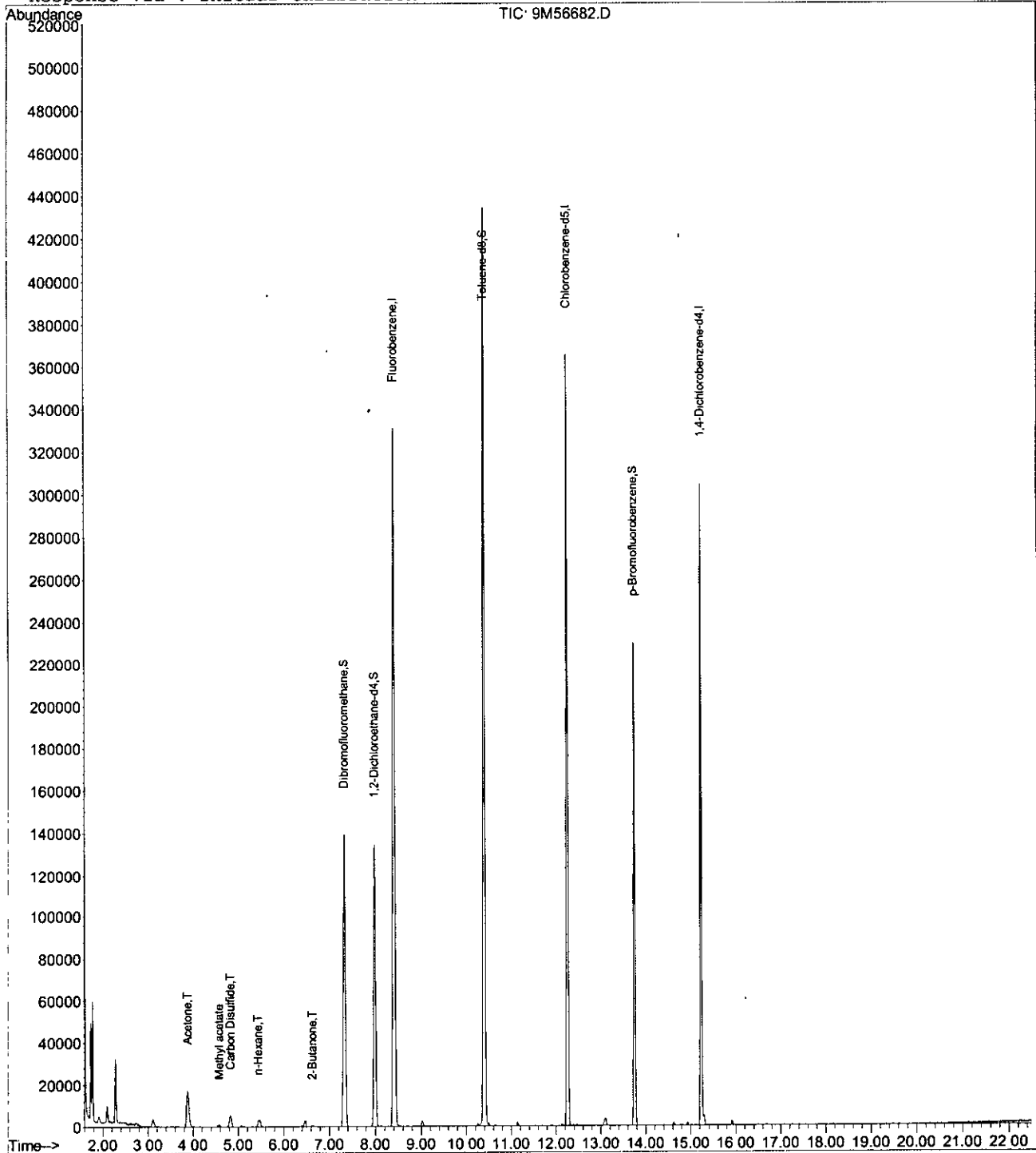
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

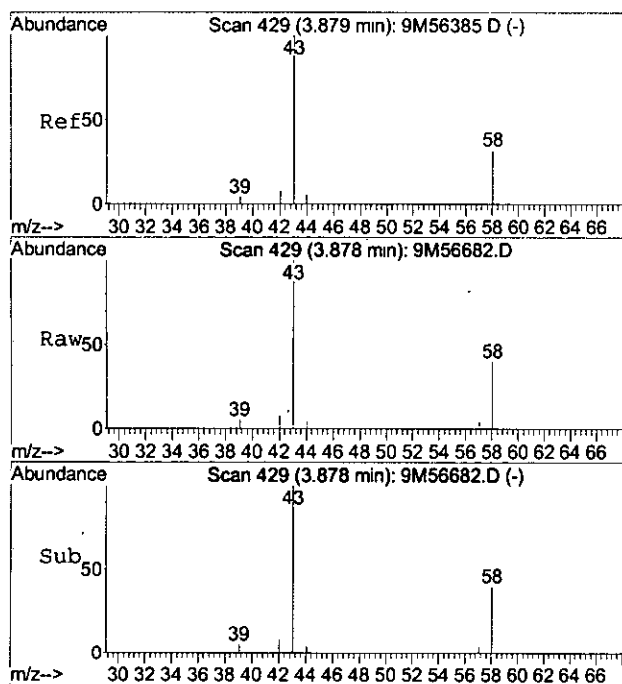
Response via : Initial Calibration



9M56682.D 826_SLST.M

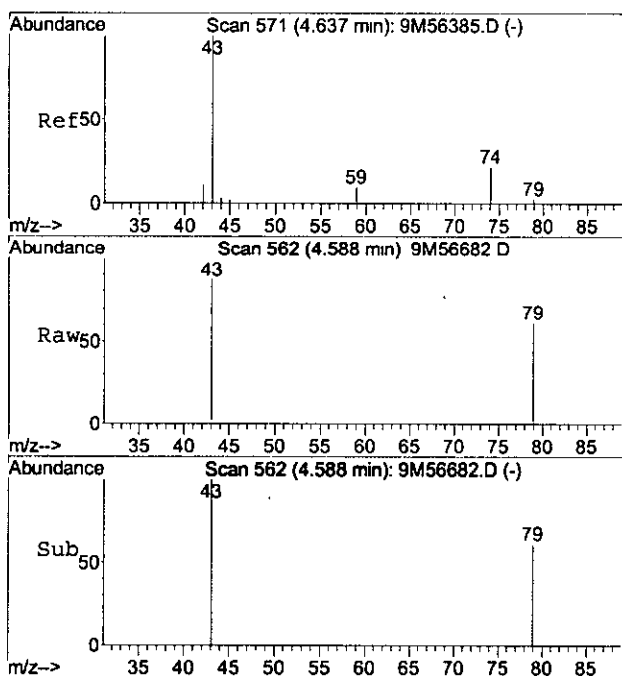
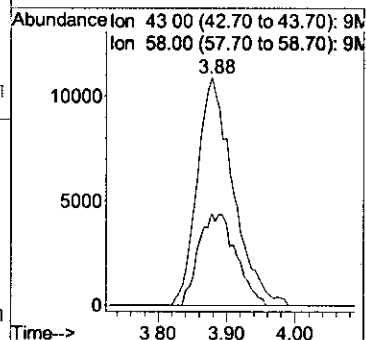
Tue Sep 11 19:18:00 2007

Page 2



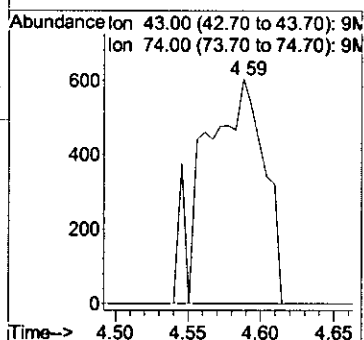
#13
Acetone
Concen: 52.37 ug/kg
RT: 3.88 min Scan# 429
Delta R.T. -0.00 min
Lab File: 9M56682.D
Acq: 11 Sep 2007 18:55

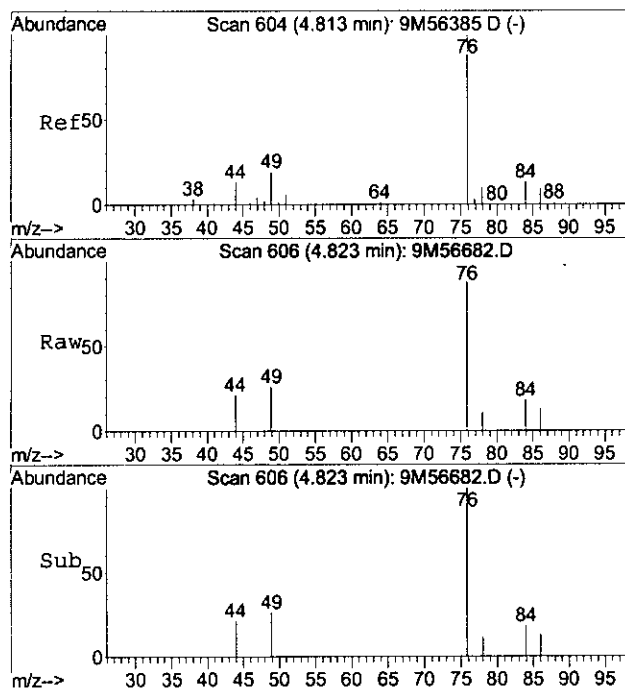
Tgt Ion: 43 Resp: 39883
Ion Ratio Lower Upper
43 100
58 41.8 16.7 38.9#



#18
Methyl acetate
Concen: 0.97 ug/kg
RT: 4.59 min Scan# 562
Delta R.T. -0.05 min
Lab File: 9M56682.D
Acq: 11 Sep 2007 18:55

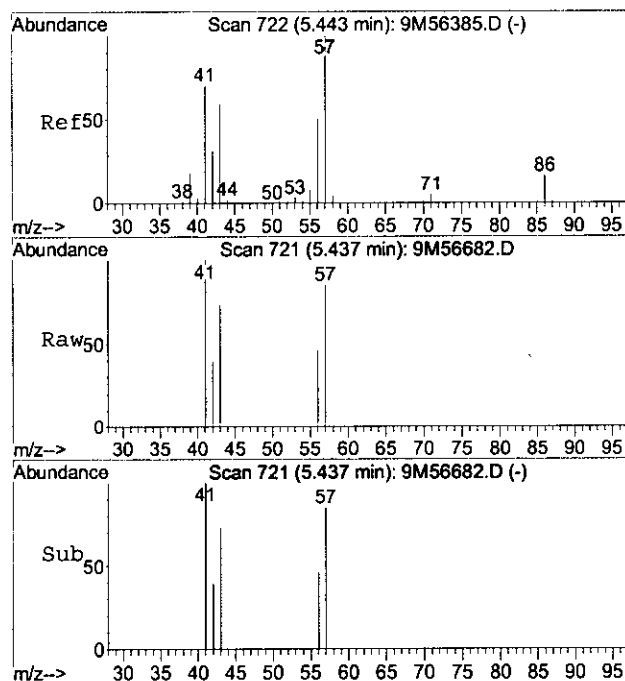
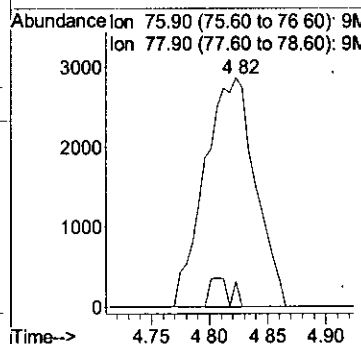
Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
74 0.0 11.2 26.0#





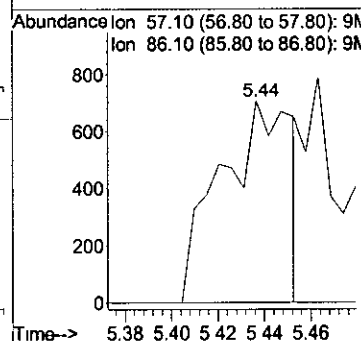
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Carbon Disulfide
Concen: 1.08 ug/kg
RT: 4.82 min Scan# 606
Delta R.T. 0.01 min
Lab File: 9M56682.D
Acq: 11 Sep 2007 18:55

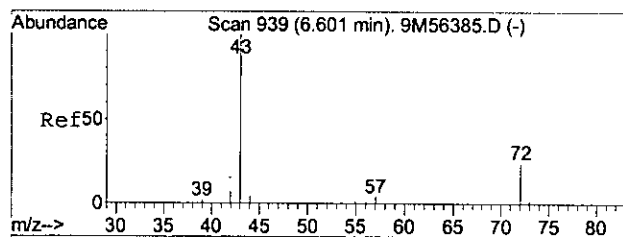
Tgt Ion: 76 Resp: 8671
Ion Ratio Lower Upper
76 100
78 5.0 5.6 13.0#



#24
n-Hexane
Concen: 0.32 ug/kg
RT: 5.44 min Scan# 721
Delta R.T. -0.01 min
Lab File: 9M56682.D
Acq: 11 Sep 2007 18:55

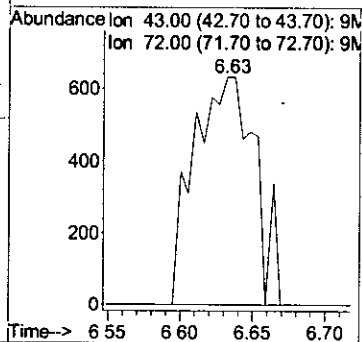
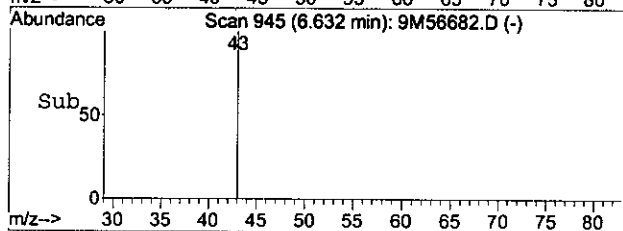
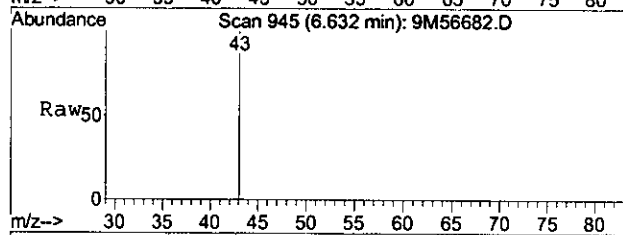
Tgt Ion: 57 Resp: 1494
Ion Ratio Lower Upper
57 100
86 0.0 8.8 20.4#





#29
2-Butanone
Concen: 1.67 ug/kg
RT: 6.63 min Scan# 945
Delta R.T. 0.04 min
Lab File: 9M56682.D
Acq: 11 Sep 2007 18:55

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
72 0.0 12.4 28.8#



Data File : C:\MSDCHEM\1\DATA\090807\11M45300.D

Vial: 12

Acq On : 8 Sep 2007 20:43

Operator: MES

Sample : L0709038-02 A 826-SPE

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 21:05:20 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	787485	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	522353	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	273949	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.388	111	180659	22.2173419	ug/L	0.00
Spiked Amount 25.000	Range 86 -	118	Recovery =	88.87%		
42) 1,2-Dichloroethane-d4	9.988	65	238739	22.4001236	ug/L	0.00
Spiked Amount 25.000	Range 80 -	120	Recovery =	89.60%		
56) Toluene-d8	12.242	98	657513	23.6780537	ug/L	0.00
Spiked Amount 25.000	Range 88 -	110	Recovery =	94.71%		
77) p-Bromofluorobenzene	15.406	95	260400	23.9735763	ug/L	0.00
Spiked Amount 25.000	Range 86 -	115	Recovery =	95.89%		
Target Compounds						
3) Chloromethane	3.51	50	4891	0.4459	ug/L #	73
13) Acetone	6.09	43	2284	1.8423	ug/L #	65
19) Methylene Chloride	7.07	84	5262	Below Cal		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45300.D 8260WT.M Sat Sep 08 21:05:20 2007

Data File : C:\MSDchem\1\DATA\090807\11M45300.D

Vial: 12

Acq On : 8 Sep 2007 20:43

Operator: MES

Sample : L0709038-02 A 826-SPE

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 8 21:05 2007

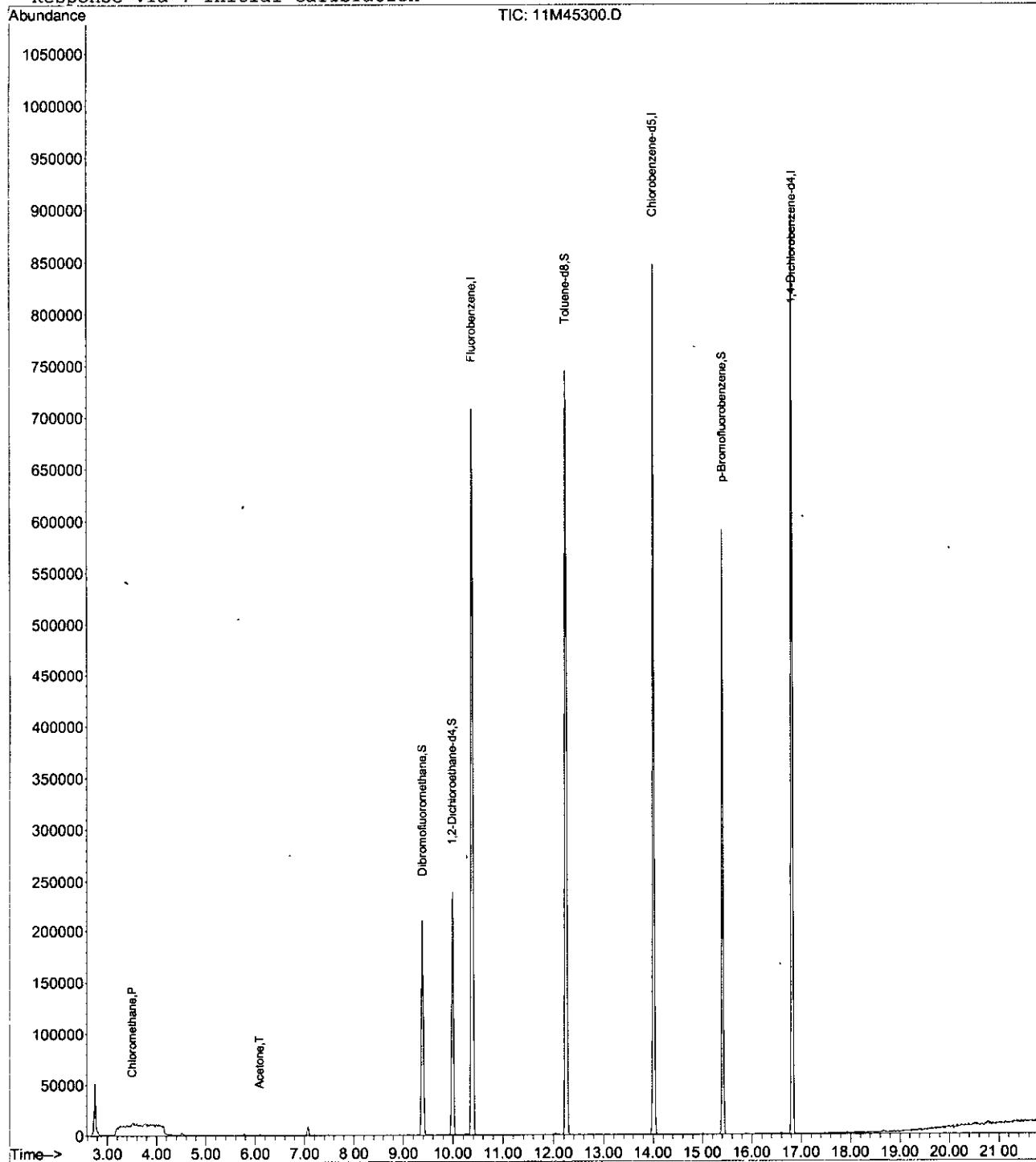
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

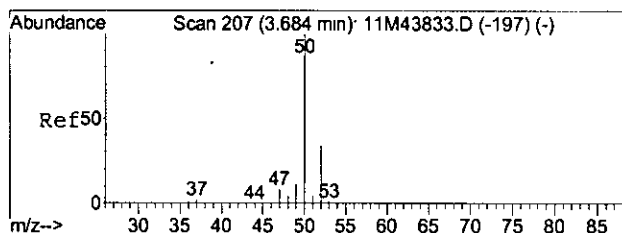
Response via : Initial Calibration



11M45300.D 8260WT.M

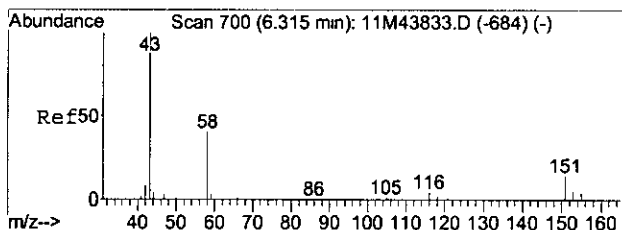
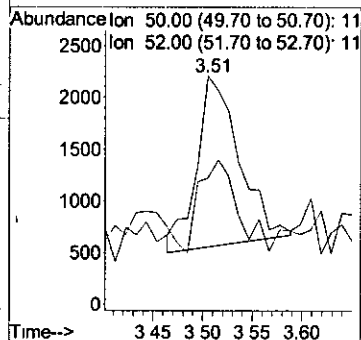
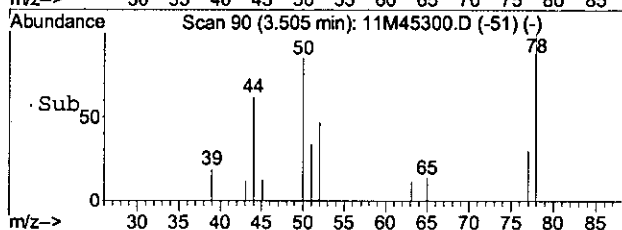
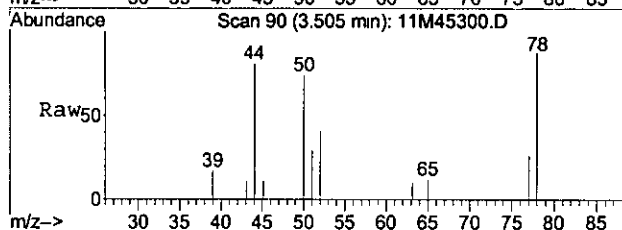
Sat Sep 08 21:05:20 2007

Page 2



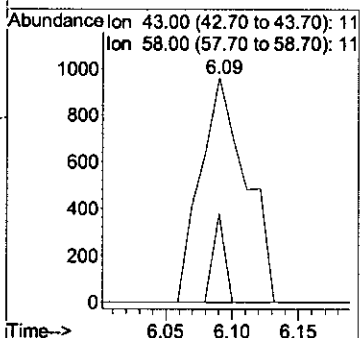
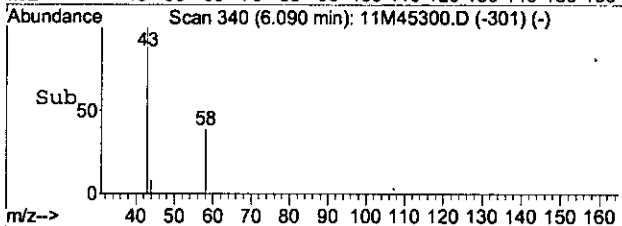
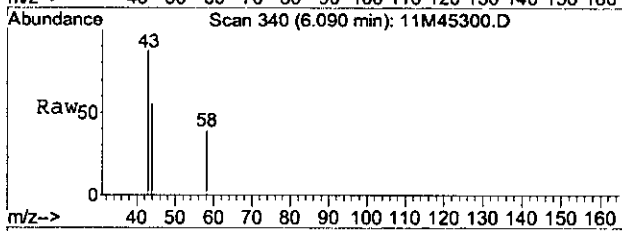
#3
Chloromethane
Concen: 0.4459 ug/L
RT: 3.51 min Scan# 90
Delta R.T. 0.00 min
Lab File: 11M45300.D
Acq: 8 Sep 2007 20:43

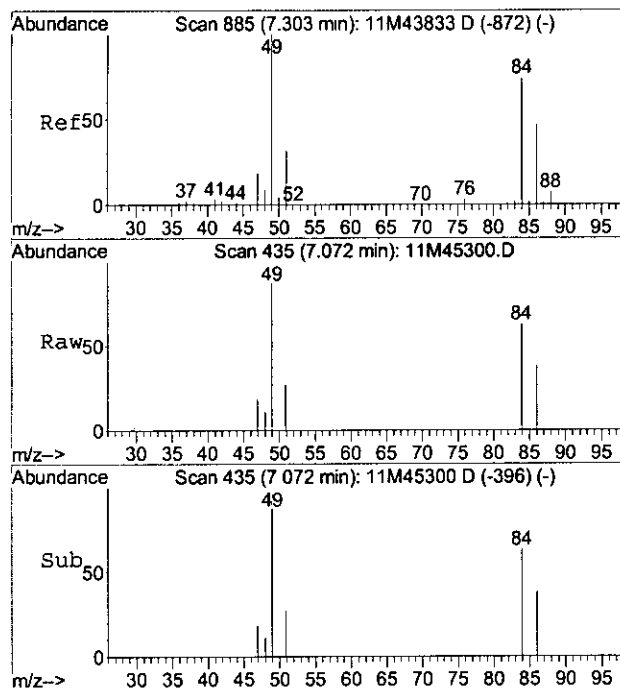
Tgt Ion: 50 Resp: 4891
Ion Ratio Lower Upper
50 100
52 49.5 20.5 47.7#



#13
Acetone
Concen: 1.8423 ug/L
RT: 6.09 min Scan# 340
Delta R.T. 0.00 min
Lab File: 11M45300.D
Acq: 8 Sep 2007 20:43

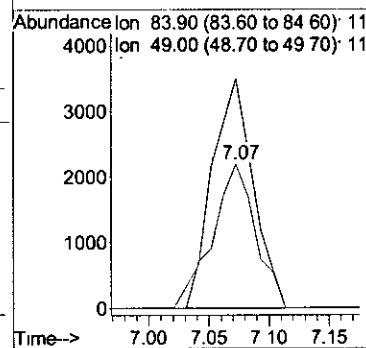
Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
58 10.2 17.2 40.0#





#19
Methylene Chloride
Concen: Below Cal
RT: 7.07 min Scan# 435
Delta R.T. 0.00 min
Lab File: 11M45300.D
Acq: 8 Sep 2007 20:43

Tgt Ion: 84 Resp: 5262
Ion Ratio Lower Upper
84 100
49 160.2 96.7 225.5



2.1.1.4 Standards Data

Data File : C:\MSDCHEM\1\DATA\090507\11M45207.D Vial: 2
 Acq On : 5 Sep 2007 13:51 Operator: MES
 Sample : WG249372-02 0.3 ug/L WATER STD 8260 Inst : HPMS11
 Misc : 1,1 STD21737 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 06 08:49:18 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Thu Sep 06 08:49:14 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	756533	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	529756	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	275931	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	0.000	111	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 86 - 118	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.000	65	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 80 - 120	Recovery	=	0.00%#	
56) Toluene-d8	0.000	98	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 88 - 110	Recovery	=	0.00%#	
77) p-Bromofluorobenzene	0.000	95	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 86 - 115	Recovery	=	0.00%#	

Target Compounds

					Qvalue	
33) Chloroform	9.12	83	3476	0.2309	ug/L	92
81) Bromobenzene	15.67	156	1698	0.2503	ug/L	74
91) 1,4-Dichlorobenzene	16.86	146	3531	0.2510	ug/L #	1
93) 1,2-Dichlorobenzene	17.33	146	3316	0.2709	ug/L	90
98) 1,2,3-Trichlorobenzene	19.92	180	2801	0.3851	ug/L #	69

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45207.D 8260WT.M Thu Sep 06 08:49:59 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45207.D

Vial: 2

Acq On : 5 Sep 2007 13:51

Operator: MES

Sample : WG249372-02 0.3 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 6 8:49 2007

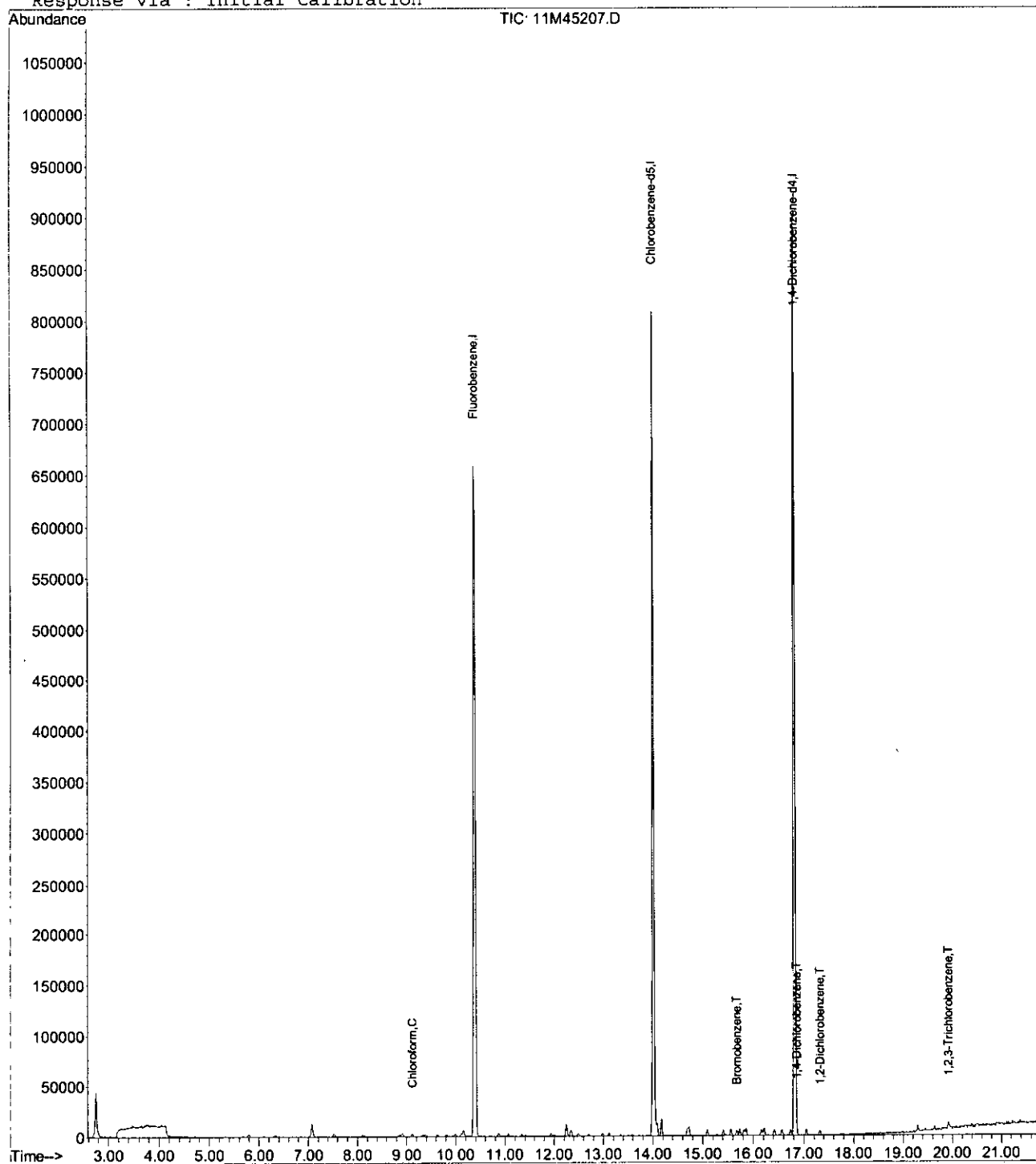
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 08:49:14 2007

Response via : Initial Calibration



11M45207.D 8260WT.M

Thu Sep 06 08:49:59 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\090507\11M45209.D

Vial: 4

Acq On : 5 Sep 2007 14:51

Operator: MES

Sample : WG249372-04 1 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:18:42 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	696052	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	492483	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	265001	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	0.000	111	0d	0.0000000	ug/L	
Spiked Amount 25.000	Range 86 - 118		Recovery =	0.00%#		
42) 1,2-Dichloroethane-d4	9.998	65	5028	0.5337316	ug/L	0.01
Spiked Amount 25.000	Range 80 - 120		Recovery =	2.13%#		
56) Toluene-d8	12.252	98	14475	0.5528828	ug/L	0.01
Spiked Amount 25.000	Range 88 - 110		Recovery =	2.21%#		
77) p-Bromofluorobenzene	15.406	95	5721	0.5444851	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	2.18%#		
Target Compounds						
				Qvalue		
2) Dichlorodifluoromethane	3.07	85	9037	0.8663	ug/L	96
3) Chloromethane	3.52	50	12092	1.2471	ug/L	97
4) Vinyl Chloride	3.74	62	10119	1.0970	ug/L	98
6) Bromomethane	4.61	94	3484	1.5077	ug/L	93
7) Chloroethane	4.78	64	6003	0.9806	ug/L	83
8) Trichlorofluoromethane	5.25	101	13071	1.2066	ug/L	96
10) Isoprene	5.81	67	7694	0.8022	ug/L	96
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	5650	0.8778	ug/L	96
14) 1,1-Dichloroethene	6.32	61	11074	0.8412	ug/L	90
16) Dimethyl Sulfide	6.58	62	8347	0.8634	ug/L	99
17) Iodomethane	6.82	142	5030	0.7677	ug/L	79
19) Methylene Chloride	7.07	84	11656	0.9101	ug/L	98
20) Carbon Disulfide	7.11	76	18105	0.8865	ug/L	95
22) Methyl Tert Butyl Ether	7.30	73	13990	0.8684	ug/L	97
23) trans-1,2-Dichloroethene	7.53	96	6052	0.8692	ug/L	99
24) n-Hexane	7.61	57	9164	0.8231	ug/L #	82
27) 1,1-Dichloroethane	8.11	63	14348	0.9110	ug/L	94
31) 2,2-Dichloropropane	8.86	77	12828	0.9011	ug/L	90
32) cis-1,2-Dichloroethene	8.91	96	6277	0.8801	ug/L	95
33) Chloroform	9.12	83	13248	0.9566	ug/L	98
34) Bromochloromethane	9.33	130	3356	0.9067	ug/L	92
37) 1,1,1-Trichloroethane	9.63	97	12152	0.9320	ug/L #	98
38) Cyclohexane	9.67	56	12158	0.8669	ug/L	88
39) 1,1-Dichloropropene	9.82	75	9271	0.9006	ug/L	88
40) Carbon Tetrachloride	9.95	117	9208	1.1434	ug/L	97
43) 1,2-Dichloroethane	10.10	62	10880	0.9365	ug/L	98
44) Benzene	10.14	78	24729	0.9201	ug/L	98
45) Trichloroethene	10.87	130	5985	0.8869	ug/L	94
46) Methylcyclohexane	10.96	83	8035	0.7835	ug/L	83
47) 1,2-Dichloropropane	11.06	63	7169	0.9535	ug/L	96
49) Bromodichloromethane	11.34	83	8477	0.8728	ug/L #	94
50) Dibromomethane	11.41	93	2568	0.8406	ug/L	94
51) 2-Chloroethyl Vinyl Ether	11.62	63	2980	0.8650	ug/L	87
53) cis-1,3-Dichloropropene	11.93	75	9103	0.8385	ug/L	99
57) Toluene	12.34	91	25012	0.8997	ug/L	98
59) trans-1,3-Dichloropropene	12.50	75	8184	0.8490	ug/L	100
60) 1,1,2-Trichloroethane	12.70	97	3629	0.8440	ug/L	95
62) 1,3-Dichloropropane	12.99	76	7281	0.8955	ug/L	98
63) Tetrachloroethene	13.11	164	4680	1.1765	ug/L	98
64) Dibromochloromethane	13.35	129	4552	1.0052	ug/L	95

(#) = qualifier out of range (m) = manual integration

11M45209.D 8260WT.M Thu Sep 06 17:20:01 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090507\11M45209.D
Acq On : 5 Sep 2007 14:51
Sample : WG249372-04 1 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 06 17:18:42 2007

Vial: 4
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
65) 1,2-Dibromoethane	13.59	107	3637	0.8961	ug/L	96
66) 1-Chlorohexane	13.68	91	7293	1.1665	ug/L	89
67) Chlorobenzene	14.06	112	16578	0.8863	ug/L	92
68) 1,1,1,2-Tetrachloroethane	14.09	131	5800	0.9406	ug/L	97
69) Ethylbenzene	14.08	106	8255	0.8382	ug/L	89
70) m-,p-Xylene	14.18	106	22461	1.8017	ug/L	99
71) o-Xylene	14.69	106	10453	0.8739	ug/L	99
72) Styrene	14.72	104	16270	0.8410	ug/L	88
73) Bromoform	15.18	173	1992	0.7666	ug/L	83
74) Isopropylbenzene	15.09	105	28057	0.9144	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.28	83	3245	0.8012	ug/L	98
78) 1,2,3-Trichloropropane	15.46	110	898	1.1093	ug/L	89
80) n-Propylbenzene	15.56	91	33214	0.8742	ug/L	100
81) Bromobenzene	15.67	156	6427	0.9865	ug/L	94
82) 1,3,5-Trimethylbenzene	15.74	105	22527	0.8313	ug/L	96
83) 2-Chlorotoluene	15.81	91	21913	0.8556	ug/L	91
84) 4-Chlorotoluene	15.86	91	23495	0.9480	ug/L	95
85) a-Methylstyrene	16.11	118	10228	0.7228	ug/L	96
86) tert-Butylbenzene	16.16	134	4271	0.8970	ug/L	89
87) 1,2,4-Trimethylbenzene	16.21	105	24158	0.8604	ug/L	100
88) sec-Butylbenzene	16.41	105	27119	0.8801	ug/L	99
89) p-Isopropyltoluene	16.56	119	23933	0.8898	ug/L	95
90) 1,3-Dichlorobenzene	16.74	146	11329	0.8293	ug/L	96
91) 1,4-Dichlorobenzene	16.86	146	12235	0.9057	ug/L #	51
92) n-Butylbenzene	17.05	91	23250	0.9142	ug/L	97
93) 1,2-Dichlorobenzene	17.32	146	10067	0.8564	ug/L	96
95) 1,2,4-Trichlorobenzene	19.29	180	8203	1.0595	ug/L	99
96) Hexachlorobutadiene	19.44	225	2795	0.9071	ug/L	93
97) Naphthalene	19.63	128	12814	0.9592	ug/L #	93
98) 1,2,3-Trichlorobenzene	19.92	180	6269	0.8721	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45209.D 8260WT.M Thu Sep 06 17:20:01 2007

Vial: 4

Operator: MES

Inst : HPMS11

Multiplr: 1.00

Quant Results File: 8260WT.RES

Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\090507\11M45210.D

Vial: 5

Acq On : 5 Sep 2007 15:21

Operator: MES

Sample : WG249372-05 2 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:21:01 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	684412	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	485212	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	262736	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.388	111	7096	1.0040857	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	4.02%#		
42) 1,2-Dichloroethane-d4	9.988	65	9333	1.0075648	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	4.03%#		
56) Toluene-d8	12.242	98	25698	0.9962619	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	3.99%#		
77) p-Bromofluorobenzene	15.406	95	10312	0.9898853	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	3.96%#		
Target Compounds						
				Qvalue		
2) Dichlorodifluoromethane	3.07	85	23029	2.2451	ug/L	96
3) Chloromethane	3.52	50	17941	1.8819	ug/L	97
4) Vinyl Chloride	3.73	62	20018	2.2071	ug/L	98
5) 1,3-Butadiene	3.79	54	17578	0.4381	ug/L	98
6) Bromomethane	4.61	94	7104	2.2674	ug/L	96
7) Chloroethane	4.77	64	11636	1.9330	ug/L	93
8) Trichlorofluoromethane	5.25	101	28461	2.2466	ug/L	99
10) Isoprene	5.82	67	18104	1.9197	ug/L	98
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	13371	2.1128	ug/L	100
14) 1,1-Dichloroethene	6.33	61	27029	2.0882	ug/L	96
16) Dimethyl Sulfide	6.58	62	17740	1.8662	ug/L	95
17) Iodomethane	6.81	142	11146	1.7302	ug/L	89
18) Methyl acetate	6.82	43	5377	1.8431	ug/L #	86
19) Methylene Chloride	7.07	84	18340	1.9047	ug/L	98
20) Carbon Disulfide	7.11	76	37178	1.8514	ug/L	100
22) Methyl Tert Butyl Ether	7.31	73	31831	2.0094	ug/L	98
23) trans-1,2-Dichloroethene	7.53	96	13164	1.9227	ug/L	95
24) n-Hexane	7.62	57	22788	2.0817	ug/L #	95
26) Vinyl Acetate	8.09	43	18922	1.8669	ug/L	92
27) 1,1-Dichloroethane	8.11	63	31856	2.0570	ug/L	96
31) 2,2-Dichloropropane	8.86	77	27124	1.9377	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	13126	1.8717	ug/L	94
33) Chloroform	9.11	83	28598	2.1002	ug/L	98
34) Bromochloromethane	9.33	130	7166	1.9690	ug/L	94
37) 1,1,1-Trichloroethane	9.63	97	25629	1.9990	ug/L	100
38) Cyclohexane	9.67	56	27681	2.0073	ug/L	98
39) 1,1-Dichloropropene	9.81	75	20844	2.0591	ug/L	96
40) Carbon Tetrachloride	9.96	117	20461	2.1055	ug/L	97
43) 1,2-Dichloroethane	10.10	62	23176	2.0287	ug/L	99
44) Benzene	10.15	78	51016	1.9304	ug/L	96
45) Trichloroethene	10.87	130	12221	1.8419	ug/L	93
46) Methylcyclohexane	10.96	83	20085	1.9919	ug/L	99
47) 1,2-Dichloropropane	11.06	63	14160	1.9154	ug/L	97
49) Bromodichloromethane	11.34	83	17932	1.8776	ug/L	96
50) Dibromomethane	11.42	93	6034	2.0087	ug/L	94
51) 2-Chloroethyl Vinyl Ether	11.62	63	6845	2.0206	ug/L	87
53) cis-1,3-Dichloropropene	11.94	75	20289	1.9006	ug/L	99
54) Dimethyl Disulfide	12.18	79	9295	1.6257	ug/L	95
57) Toluene	12.34	91	54066	1.9738	ug/L	99
58) Ethyl Methacrylate	12.43	69	9507	1.7667	ug/L	98

(#)= qualifier out of range (m)= manual integration

11M45210.D 8260WT.M Thu Sep 06 17:22:21 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090507\11M45210.D
Acq On : 5 Sep 2007 15:21
Sample : WG249372-05 2 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 06 17:21:01 2007

Vial: 5
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
59) trans-1,3-Dichloropropene	12.50	75	18371	1.9343	ug/L	95
60) 1,1,2-Trichloroethane	12.70	97	8560	1.9858	ug/L	93
62) 1,3-Dichloropropane	12.98	76	16119	2.0122	ug/L	97
63) Tetrachloroethene	13.11	164	10275	2.2061	ug/L	96
64) Dibromochloromethane	13.35	129	10139	1.9128	ug/L	98
65) 1,2-Dibromoethane	13.59	107	8251	2.0633	ug/L	91
66) 1-Chlorohexane	13.68	91	17128	2.1877	ug/L	98
67) Chlorobenzene	14.06	112	36621	1.9871	ug/L	98
68) 1,1,1,2-Tetrachloroethane	14.09	131	12237	2.0143	ug/L	95
69) Ethylbenzene	14.09	106	19023	1.9605	ug/L	93
70) m-,p-Xylene	14.18	106	46773	3.8081	ug/L	94
71) o-Xylene	14.69	106	22811	1.9356	ug/L	98
72) Styrene	14.72	104	36618	1.9211	ug/L	97
73) Bromoform	15.18	173	4714	1.6566	ug/L	91
74) Isopropylbenzene	15.09	105	58612	1.9388	ug/L	98
76) 1,1,2,2-Tetrachloroethane	15.28	83	8759	2.1812	ug/L	86
78) 1,2,3-Trichloropropane	15.46	110	3011	2.4090	ug/L	99
79) trans-1,4-Dichloro-2-Butene	15.49	53	3523	1.7937	ug/L	83
80) n-Propylbenzene	15.56	91	73432	1.9494	ug/L	100
81) Bromobenzene	15.67	156	12449	1.9273	ug/L	88
82) 1,3,5-Trimethylbenzene	15.74	105	52033	1.9366	ug/L	99
83) 2-Chlorotoluene	15.81	91	46650	1.8372	ug/L	87
84) 4-Chlorotoluene	15.85	91	49379	2.0097	ug/L	90
85) a-Methylstyrene	16.10	118	25132	1.7914	ug/L	100
86) tert-Butylbenzene	16.16	134	9077	1.9227	ug/L	89
87) 1,2,4-Trimethylbenzene	16.21	105	53363	1.9169	ug/L	98
88) sec-Butylbenzene	16.42	105	58747	1.9231	ug/L	98
89) p-Isopropyltoluene	16.56	119	51946	1.9480	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	27844	2.0558	ug/L	100
91) 1,4-Dichlorobenzene	16.86	146	26363	1.9683	ug/L	77
92) n-Butylbenzene	17.05	91	47639	1.8893	ug/L	98
93) 1,2-Dichlorobenzene	17.32	146	23437	2.0109	ug/L	100
94) 1,2-Dibromo-3-Chloropropane	18.24	75	1444	1.6964	ug/L	84
95) 1,2,4-Trichlorobenzene	19.29	180	16272	1.9629	ug/L	97
96) Hexachlorobutadiene	19.44	225	5741	1.8792	ug/L	94
97) Naphthalene	19.63	128	29994	2.0624	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	14020	1.9442	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45210.D 8260WT.M Thu Sep 06 17:22:21 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45210.D

Vial: 5

Acq On : 5 Sep 2007 15:21

Operator: MES

Sample : WG249372-05 2 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

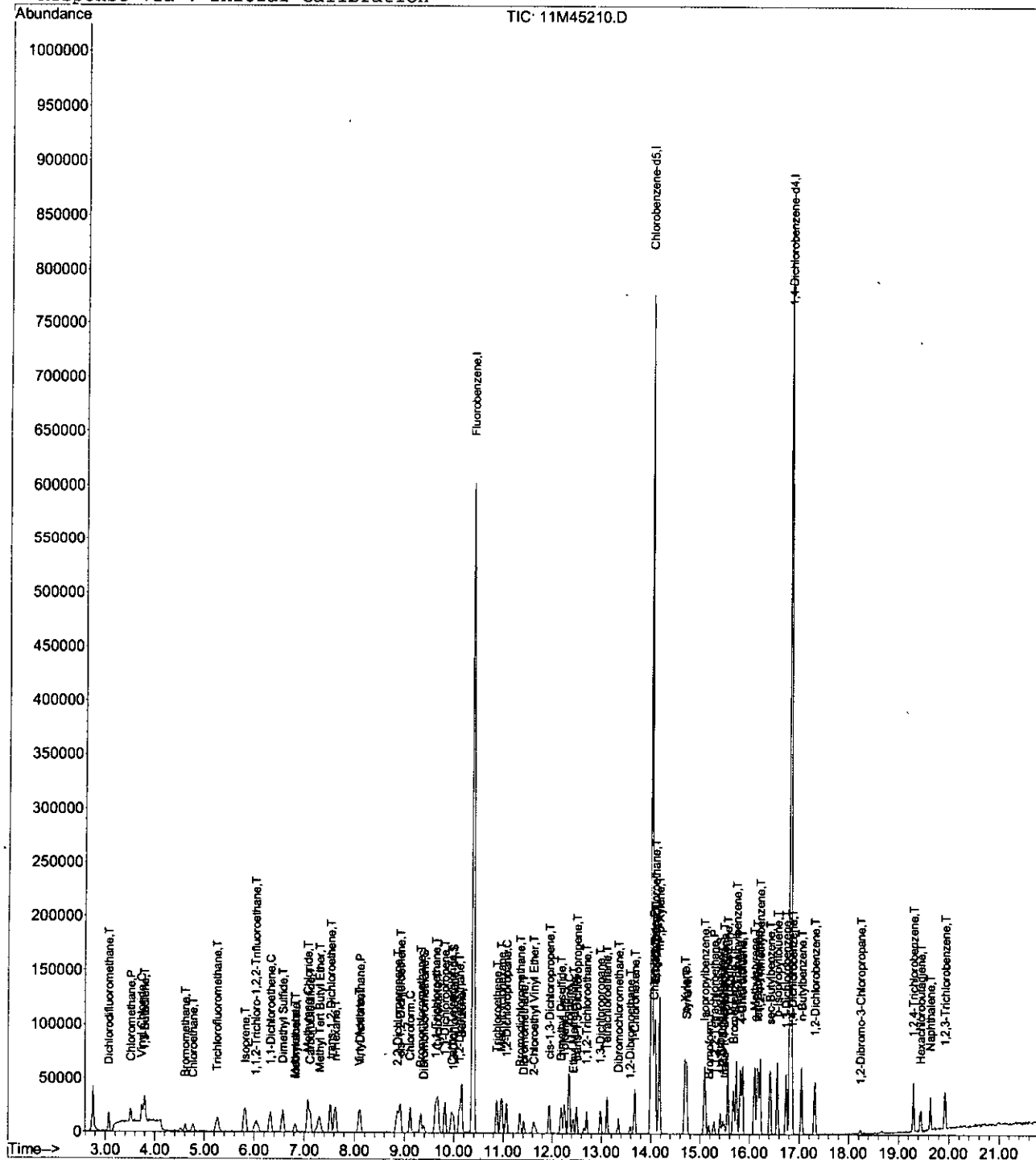
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

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Title      : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
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Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



11M45210.D 8260WT.M Thu Sep 06 17:22:21 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090507\11M45211.D

Vial: 6

Acq On : 5 Sep 2007 15:51

Operator: MES

Sample : WG249372-06 5 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 17:23:04 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	697609	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	495009	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	265262	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	16908	2.3472262	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 9.39%#			
42) 1,2-Dichloroethane-d4	9.988	65	23662	2.5061595	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 10.02%#			
56) Toluene-d8	12.253	98	61262	2.3280046	ug/L	0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 9.31%#			
77) p-Bromofluorobenzene	15.406	95	24668	2.3454191	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 9.38%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	54507	5.2134	ug/L	100
3) Chloromethane	3.52	50	47394	4.8772	ug/L	96
4) Vinyl Chloride	3.73	62	49837	5.3909	ug/L	97
5) 1,3-Butadiene	3.78	54	46271	4.7640	ug/L	97
6) Bromomethane	4.61	94	19110	4.6727	ug/L	98
7) Chloroethane	4.77	64	31816	5.1854	ug/L	97
8) Trichlorofluoromethane	5.26	101	75766	5.3084	ug/L	100
10) Isoprene	5.82	67	48986	5.0960	ug/L	98
11) Acrolein	6.00	56	2538	9.9183	ug/L	80
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	32959	5.1094	ug/L	97
13) Acetone	6.09	43	6633	6.0395	ug/L	83
14) 1,1-Dichloroethene	6.32	61	67554	5.1202	ug/L	97
16) Dimethyl Sulfide	6.58	62	49699	5.1294	ug/L	97
17) Iodomethane	6.81	142	31892	4.8569	ug/L	94
18) Methyl acetate	6.83	43	14699	4.9430	ug/L	96
19) Methylene Chloride	7.07	84	39865	4.9092	ug/L	99
20) Carbon Disulfide	7.11	76	104715	5.1160	ug/L	98
21) Acrylonitrile	7.24	53	7216	4.2176	ug/L	80
22) Methyl Tert Butyl Ether	7.30	73	84161	5.2124	ug/L	98
23) trans-1,2-Dichloroethene	7.52	96	36066	5.1681	ug/L	100
24) n-Hexane	7.62	57	58727	5.2633	ug/L	99
26) Vinyl Acetate	8.08	43	51599	4.9947	ug/L	97
27) 1,1-Dichloroethane	8.11	63	82705	5.2394	ug/L	100
29) 2-Butanone	8.64	43	6807	4.6457	ug/L	92
31) 2,2-Dichloropropane	8.86	77	73751	5.1690	ug/L	98
32) cis-1,2-Dichloroethene	8.91	96	36802	5.1484	ug/L	98
33) Chloroform	9.11	83	73927	5.3264	ug/L	99
34) Bromochloromethane	9.33	130	19286	5.1990	ug/L	98
37) 1,1,1-Trichloroethane	9.63	97	69527	5.3204	ug/L	99
38) Cyclohexane	9.67	56	73096	5.2002	ug/L	95
39) 1,1-Dichloropropene	9.81	75	53499	5.1851	ug/L	97
40) Carbon Tetrachloride	9.96	117	57248	5.1227	ug/L	97
43) 1,2-Dichloroethane	10.10	62	60611	5.2052	ug/L	100
44) Benzene	10.15	78	135997	5.0486	ug/L	98
45) Trichloroethene	10.87	130	33581	4.9654	ug/L	97
46) Methylcyclohexane	10.96	83	54011	5.2551	ug/L	98
47) 1,2-Dichloropropane	11.06	63	38307	5.0836	ug/L	96
49) Bromodichloromethane	11.34	83	49823	5.1181	ug/L	99
50) Dibromomethane	11.42	93	16682	5.4482	ug/L	99
51) 2-Chloroethyl Vinyl Ether	11.62	63	17170	4.9725	ug/L	99

(#) = qualifier out of range (m) = manual integration
 11M45211.D 8260WT.M Thu Sep 06 17:23:04 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45211.D
Acq On : 5 Sep 2007 15:51
Sample : WG249372-06 5 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 06 17:23:04 2007

Vial: 6
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	7764	4.7507	ug/L	96
53) cis-1,3-Dichloropropene	11.94	75	55655	5.1148	ug/L	99
54) Dimethyl Disulfide	12.18	79	26135	4.4846	ug/L	97
57) Toluene	12.35	91	142339	5.0937	ug/L	100
58) Ethyl Methacrylate	12.43	69	28335	5.1612	ug/L	100
59) trans-1,3-Dichloropropene	12.49	75	50563	5.2184	ug/L	96
60) 1,1,2-Trichloroethane	12.70	97	21146	4.7759	ug/L	98
61) 2-Hexanone	12.65	43	10601	4.6051	ug/L #	94
62) 1,3-Dichloropropane	12.99	76	41807	5.1157	ug/L	97
63) Tetrachloroethene	13.11	164	25339	4.8588	ug/L	96
64) Dibromochloromethane	13.35	129	28055	4.7026	ug/L	99
65) 1,2-Dibromoethane	13.59	107	20247	4.9629	ug/L	100
66) 1-Chlorohexane	13.68	91	46683	5.1334	ug/L	99
67) Chlorobenzene	14.06	112	94019	5.0006	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	32236	5.2012	ug/L	94
69) Ethylbenzene	14.08	106	48639	4.9136	ug/L	91
70) m-,p-Xylene	14.18	106	126119	10.0649	ug/L	97
71) o-Xylene	14.69	106	61477	5.1134	ug/L	100
72) Styrene	14.72	104	94177	4.8429	ug/L	93
73) Bromoform	15.18	173	13079	4.2788	ug/L	99
74) Isopropylbenzene	15.09	105	157397	5.1035	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	20983	5.1756	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	7463	5.0990	ug/L	98
79) trans-1,4-Dichloro-2-Butene	15.50	53	10106	5.0963	ug/L	97
80) n-Propylbenzene	15.56	91	196380	5.1637	ug/L	99
81) Bromobenzene	15.69	156	34955	5.3600	ug/L	93
82) 1,3,5-Trimethylbenzene	15.74	105	139930	5.1585	ug/L	99
83) 2-Chlorotoluene	15.81	91	126524	4.9354	ug/L	99
84) 4-Chlorotoluene	15.86	91	130752	5.2708	ug/L	99
85) a-Methylstyrene	16.11	118	73302	5.1752	ug/L	99
86) tert-Butylbenzene	16.16	134	24308	5.1000	ug/L	92
87) 1,2,4-Trimethylbenzene	16.21	105	143772	5.1154	ug/L	99
88) sec-Butylbenzene	16.42	105	155269	5.0343	ug/L	99
89) p-Isopropyltoluene	16.56	119	139613	5.1858	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	69482	5.0812	ug/L	99
91) 1,4-Dichlorobenzene	16.86	146	70228	5.1934	ug/L	88
92) n-Butylbenzene	17.05	91	124771	4.9012	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	61291	5.2088	ug/L	98
94) 1,2-Dibromo-3-Chloropropan	18.24	75	4206	4.8942	ug/L	85
95) 1,2,4-Trichlorobenzene	19.29	180	43464	4.9395	ug/L	99
96) Hexachlorobutadiene	19.44	225	15903	5.1560	ug/L	94
97) Naphthalene	19.64	128	75222	4.9088	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	35947	4.9149	ug/L	96

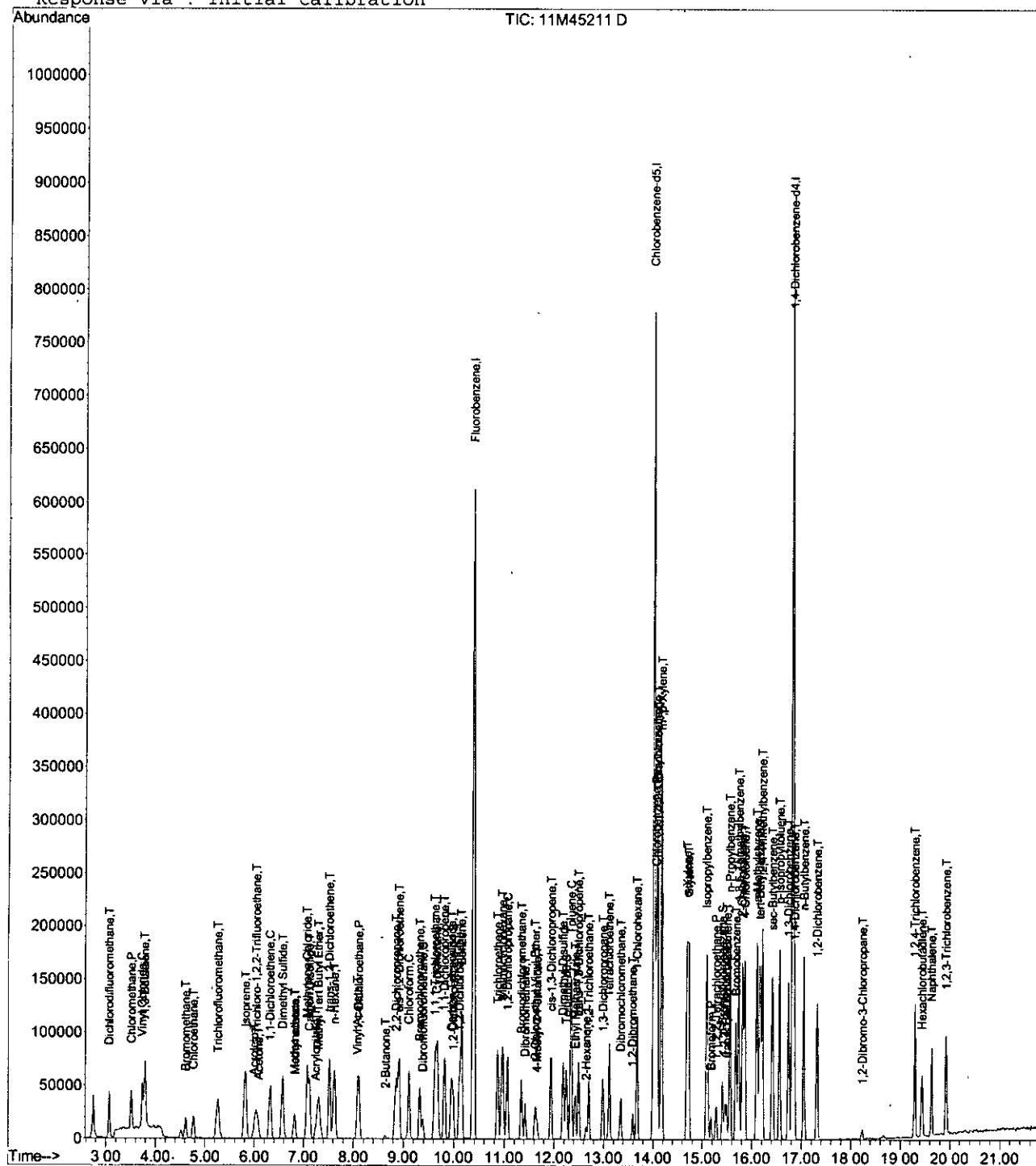
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45211.D 8260WT.M Thu Sep 06 17:23:04 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45211.D
Acq On : 5 Sep 2007 15:51
Sample : WG249372-06 5 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 6 17:23 2007

Vial: 6
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

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Method      : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title       : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update  : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
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11M45211.D 8260WT.M

Thu Sep 06 17:23:05 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090507\11M45212.D

Vial: 7

Acq On : 5 Sep 2007 16:21

Operator: MES

Sample : WG249372-07 20 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 05 16:43:50 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Wed Sep 05 16:22:59 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	705578	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	501143	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	272372	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	75561	11.9510349	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	47.80%#		
42) 1,2-Dichloroethane-d4	9.988	65	97582	15.5999883	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	62.40%#		
56) Toluene-d8	12.242	98	269944	12.4441591	ug/L	-0.01
Spiked Amount 25.000	Range 88 - 110		Recovery =	49.78%#		
77) p-Bromofluorobenzene	15.406	95	110633	13.4070152	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	53.63%#		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	213955	22.3697	ug/L	99
3) Chloromethane	3.52	50	186733	26.4771	ug/L	99
4) Vinyl Chloride	3.73	62	190023	27.6038	ug/L	99
5) 1,3-Butadiene	3.78	54	168774	44.3224	ug/L	88
6) Bromomethane	4.61	94	87160	17.4385	ug/L	99
7) Chloroethane	4.77	64	126272	20.9839	ug/L	98
8) Trichlorofluoromethane	5.26	101	290262	24.2504	ug/L	100
9) Diethyl ether	5.78	59	116523	13.8550	ug/L	90
10) Isoprene	5.82	67	202916	20.1732	ug/L	83
11) Acrolein	5.99	56	9433	22.8990	ug/L	97
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	132152	19.5642	ug/L	87
13) Acetone	6.09	43	21851	23.9413	ug/L	90
14) 1,1-Dichloroethene	6.32	61	292323	24.6863	ug/L	84
16) Dimethyl Sulfide	6.58	62	203271	20.1923	ug/L	94
17) Iodomethane	6.81	142	146796	16.7045	ug/L	85
18) Methyl acetate	6.82	43	62616	21.2569	ug/L	95
19) Methylene Chloride	7.07	84	149670	16.7894	ug/L	94
20) Carbon Disulfide	7.11	76	421712	18.7041	ug/L	99
21) Acrylonitrile	7.24	53	35200	20.0376	ug/L	98
22) Methyl Tert Butyl Ether	7.30	73	342574	22.3093	ug/L	97
23) trans-1,2-Dichloroethene	7.52	96	150666	21.0811	ug/L	73
24) n-Hexane	7.62	57	227140	19.8022	ug/L	98
26) Vinyl Acetate	8.08	43	219937	27.7228	ug/L	96
27) 1,1-Dichloroethane	8.11	63	348573	24.2541	ug/L	99
29) 2-Butanone	8.63	43	30841	21.5391	ug/L	91
31) 2,2-Dichloropropane	8.86	77	305631	32.6164	ug/L	89
32) cis-1,2-Dichloroethene	8.91	96	156748	21.3649	ug/L	68
33) Chloroform	9.11	83	307249	25.3850	ug/L	96
34) Bromochloromethane	9.33	130	81922	21.2060	ug/L	88
35) Tetrahydrofuran	9.67	42	55332	123.2393	ug/L #	42
37) 1,1,1-Trichloroethane	9.63	97	290189	27.3901	ug/L #	96
38) Cyclohexane	9.67	56	291756	19.7757	ug/L	98
39) 1,1-Dichloropropene	9.81	75	226238	25.6168	ug/L	85
40) Carbon Tetrachloride	9.96	117	234797	27.8368	ug/L	99
41) Tert-Amyl-Methyl ether	10.15	73	10270	226.2434	ug/L #	46
43) 1,2-Dichloroethane	10.10	62	254413	28.5138	ug/L	92
44) Benzene	10.15	78	567353	20.8643	ug/L	98
45) Trichloroethene	10.87	130	145743	20.2031	ug/L	88
46) Methylcyclohexane	10.96	83	211544	19.3743	ug/L	96
47) 1,2-Dichloropropane	11.06	63	164909	23.4831	ug/L	85

(#) = qualifier out of range (m) = manual integration

11M45212.D 8260WT.M Wed Sep 05 16:43:51 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090507\11M45212.D

Vial: 7

Acq On : 5 Sep 2007 16:21

Operator: MES

Sample : WG249372-07 20 ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 05 16:43:50 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Wed Sep 05 16:22:59 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49) Bromodichloromethane	11.34	83	214776	25.7458	ug/L	99
50) Dibromomethane	11.42	93	68851	23.8769	ug/L	85
51) 2-Chloroethyl Vinyl Ether	11.62	63	71273	22.4206	ug/L	91
52) 4-Methyl-2-Pentanone	11.65	58	32486	20.0917	ug/L	97
53) cis-1,3-Dichloropropene	11.93	75	240794	24.2023	ug/L	100
54) Dimethyl Disulfide	12.18	79	120252	22.8563	ug/L	97
57) Toluene	12.34	91	601191	22.7595	ug/L	99
58) Ethyl Methacrylate	12.43	69	114831	21.6970	ug/L	88
59) trans-1,3-Dichloropropene	12.49	75	219451	28.1350	ug/L	87
60) 1,1,2-Trichloroethane	12.70	97	90690	22.1809	ug/L	99
61) 2-Hexanone	12.65	43	48135	22.8476	ug/L #	63
62) 1,3-Dichloropropane	12.99	76	178235	24.5402	ug/L	93
63) Tetrachloroethene	13.11	164	108556	20.2292	ug/L	84
64) Dibromochloromethane	13.35	129	126050	25.7751	ug/L	99
65) 1,2-Dibromoethane	13.59	107	90335	23.0631	ug/L	99
66) 1-Chlorohexane	13.68	91	190071	21.3977	ug/L	85
67) Chlorobenzene	14.06	112	402543	22.6252	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	141812	25.2452	ug/L	96
69) Ethylbenzene	14.08	106	217560	22.5245	ug/L	83
70) m-,p-Xylene	14.18	106	545740	45.6070	ug/L	82
71) o-Xylene	14.69	106	258545	21.9798	ug/L	79
72) Styrene	14.72	104	429786	22.2933	ug/L	80
73) Bromoform	15.18	173	63937	22.5122	ug/L	100
74) Isopropylbenzene	15.09	105	672458	23.6202	ug/L	94
76) 1,1,2,2-Tetrachloroethane	15.28	83	88225	22.7291	ug/L	100
78) 1,2,3-Trichloropropane	15.46	110	31260	24.7628	ug/L #	53
79) trans-1,4-Dichloro-2-Butene	15.50	53	40681	30.2671	ug/L #	12
80) n-Propylbenzene	15.56	91	836462	24.6171	ug/L	93
81) Bromobenzene	15.67	156	149300	21.0176	ug/L	71
82) 1,3,5-Trimethylbenzene	15.74	105	597793	24.7596	ug/L	91
83) 2-Chlorotoluene	15.81	91	535305	23.7757	ug/L	100
84) 4-Chlorotoluene	15.86	91	559335	26.1384	ug/L	81
85) a-Methylstyrene	16.11	118	311341	20.9212	ug/L	90
86) tert-Butylbenzene	16.16	134	104236	20.8409	ug/L #	23
87) 1,2,4-Trimethylbenzene	16.21	105	625822	24.3937	ug/L	98
88) sec-Butylbenzene	16.42	105	678581	22.9775	ug/L	92
89) p-Isopropyltoluene	16.56	119	591595	23.0828	ug/L	92
90) 1,3-Dichlorobenzene	16.74	146	294112	20.2700	ug/L	80
91) 1,4-Dichlorobenzene	16.86	146	296926	20.6478	ug/L	82
92) n-Butylbenzene	17.05	91	547142	23.8752	ug/L	91
93) 1,2-Dichlorobenzene	17.32	146	258724	20.5513	ug/L	83
94) 1,2-Dibromo-3-Chloropropane	18.23	75	18038	29.8541	ug/L	69
95) 1,2,4-Trichlorobenzene	19.29	180	183068	19.8788	ug/L	94
96) Hexachlorobutadiene	19.44	225	64628	19.6035	ug/L	92
97) Naphthalene	19.64	128	314320	21.0410	ug/L #	96
98) 1,2,3-Trichlorobenzene	19.92	180	149020	20.0114	ug/L	96

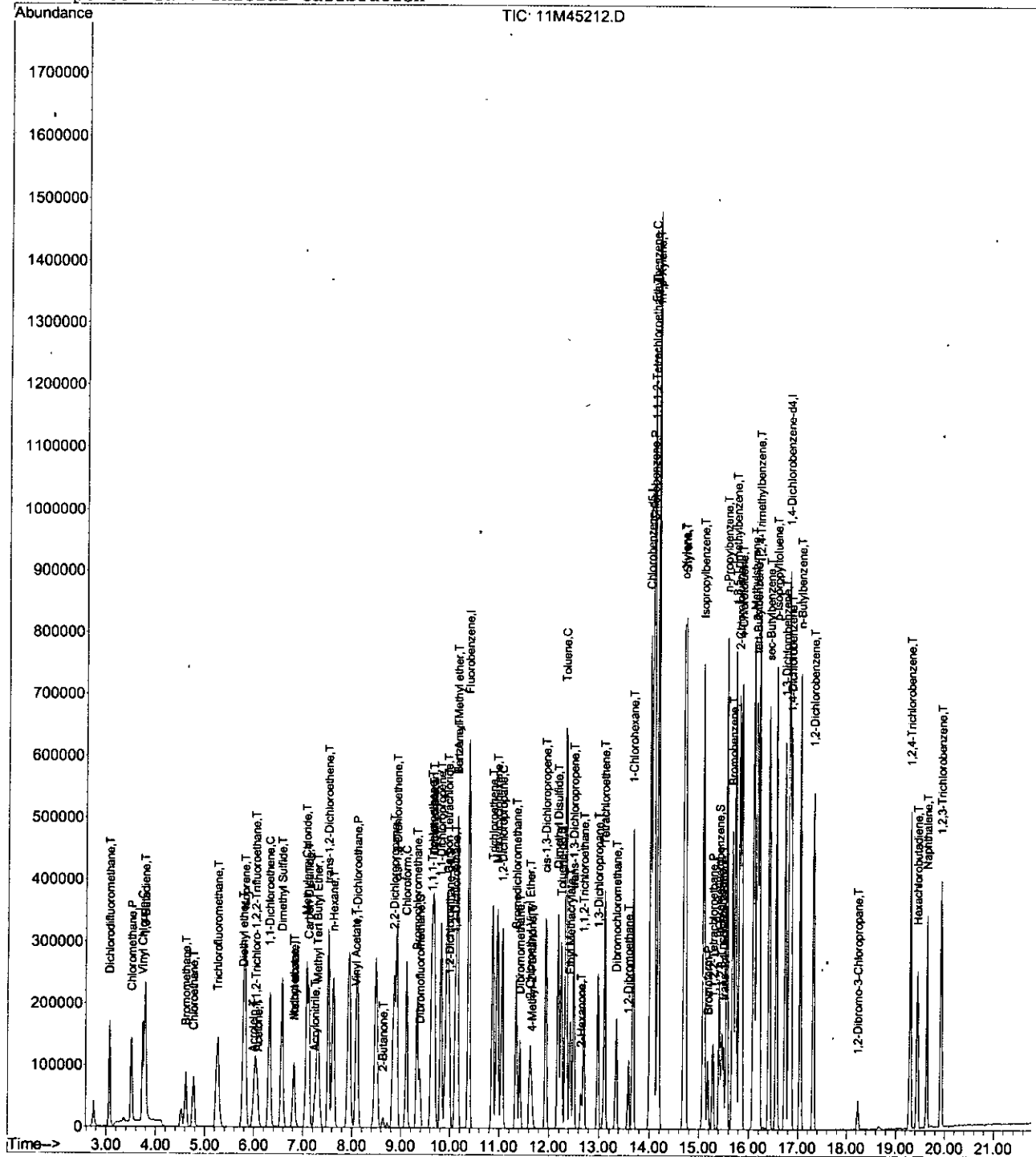
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45212.D 8260WT.M Wed Sep 05 16:43:51 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45212.D
Acq On : 5 Sep 2007 16:21
Sample : WG249372-07 20 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 5 16:43 2007

Vial: 7
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 16:22:59 2007
Response via : Initial Calibration



11M45212.D 8260WT.M

Wed Sep 05 16:43:52 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090507\11M45214.D Vial: 9
 Acq On : 5 Sep 2007 17:21 Operator: MES
 Sample : WG249372-09 100 ug/L WATER STD 8260 Inst : HPMS11
 Misc : 1,1 STD21737 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 05 17:43:46 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Wed Sep 05 17:27:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	741531	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	542690	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	284449	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	383693	51.8312914	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 207.33%#			
42) 1,2-Dichloroethane-d4	9.988	65	483204	54.2158861	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 216.86%#			
56) Toluene-d8	12.242	98	1424662	53.2085395	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 212.83%#			
77) p-Bromofluorobenzene	15.406	95	565550	55.1212065	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 220.48%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	1128810	110.3697	ug/L	100
3) Chloromethane	3.51	50	951974	100.7594	ug/L	100
4) Vinyl Chloride	3.72	62	950410	100.8171	ug/L	99
5) 1,3-Butadiene	3.77	54	645403	98.3182	ug/L	98
6) Bromomethane	4.61	94	523744	113.2684	ug/L	99
7) Chloroethane	4.77	64	658831	103.9932	ug/L	98
8) Trichlorofluoromethane	5.26	101	1568812	112.6609	ug/L	98
9) Diethyl ether	5.78	59	2834	0.4952	ug/L #	65
10) Isoprene	5.81	67	1108878	109.4858	ug/L	98
11) Acrolein	5.99	56	54650	158.9148	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	717375	101.7407	ug/L	100
13) Acetone	6.09	43	106386	91.4434	ug/L	96
14) 1,1-Dichloroethene	6.32	61	1545440	117.3731	ug/L	99
15) Tert-Butyl Alcohol	6.58	59	44492	706.8959	ug/L #	93
16) Dimethyl Sulfide	6.58	62	1074058	105.2108	ug/L	99
17) Iodomethane	6.81	142	778456	106.8553	ug/L	97
18) Methyl acetate	6.82	43	318391	101.6620	ug/L	98
19) Methylene Chloride	7.07	84	745013	73.6344	ug/L	98
20) Carbon Disulfide	7.11	76	2310229	105.6394	ug/L	99
21) Acrylonitrile	7.24	53	187446	104.9493	ug/L	99
22) Methyl Tert Butyl Ether	7.30	73	1727931	102.2503	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	796518	109.6625	ug/L	96
24) n-Hexane	7.62	57	1262103	104.0003	ug/L	100
25) Diisopropyl ether	8.08	45	9073	1.6805	ug/L #	1
26) Vinyl Acetate	8.08	43	1091238	107.1719	ug/L	99
27) 1,1-Dichloroethane	8.11	63	1764023	107.3842	ug/L	100
29) 2-Butanone	8.63	43	153752	99.6002	ug/L	98
31) 2,2-Dichloropropane	8.86	77	1543404	122.5229	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	812071	106.8472	ug/L	98
33) Chloroform	9.11	83	1543538	108.5440	ug/L	100
34) Bromochloromethane	9.33	130	416327	105.4671	ug/L	99
35) Tetrahydrofuran	9.67	42	298665	378.8189	ug/L #	100
37) 1,1,1-Trichloroethane	9.63	97	1494975	114.9553	ug/L	100
38) Cyclohexane	9.67	56	1576704	105.9849	ug/L	100
39) 1,1-Dichloropropene	9.81	75	1189741	116.3201	ug/L	100
40) Carbon Tetrachloride	9.96	117	1228209	119.0885	ug/L	99
41) Tert-Amyl-Methyl ether	10.15	73	54488	23.0325	ug/L #	100
43) 1,2-Dichloroethane	10.10	62	1245105	108.7295	ug/L	99
44) Benzene	10.15	78	3026490	106.2272	ug/L	100
45) Trichloroethene	10.87	130	769587	111.1961	ug/L	99

(#) = qualifier out of range (m) = manual integration
 11M45214.D 8260WT.M Wed Sep 05 17:43:47 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45214.D
Acq On : 5 Sep 2007 17:21
Sample : WG249372-09 100 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 05 17:43:46 2007

Vial: 9
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 17:27:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Methylcyclohexane	10.96	83	1190626	105.1275	ug/L	97
47) 1,2-Dichloropropane	11.06	63	858651	111.1977	ug/L	98
49) Bromodichloromethane	11.34	83	1122842	113.4648	ug/L	100
50) Dibromomethane	11.42	93	351965	113.8146	ug/L	98
51) 2-Chloroethyl Vinyl Ether	11.62	63	373494	104.7576	ug/L	98
52) 4-Methyl-2-Pentanone	11.65	58	172574	100.1504	ug/L	99
53) cis-1,3-Dichloropropene	11.93	75	1262107	112.0580	ug/L	99
54) Dimethyl Disulfide	12.18	79	675340	112.5840	ug/L	99
57) Toluene	12.34	91	3233400	108.7615	ug/L	100
58) Ethyl Methacrylate	12.43	69	607235	106.8215	ug/L	97
59) trans-1,3-Dichloropropene	12.49	75	1124247	112.2705	ug/L	99
60) 1,1,2-Trichloroethane	12.70	97	471724	103.5577	ug/L	99
61) 2-Hexanone	12.65	43	251023	104.7917	ug/L #	99
62) 1,3-Dichloropropane	12.99	76	913824	107.5509	ug/L	99
63) Tetrachloroethene	13.11	164	581464	104.8375	ug/L	100
64) Dibromochloromethane	13.35	129	669997	113.8985	ug/L	99
65) 1,2-Dibromoethane	13.59	107	466282	106.3955	ug/L	100
66) 1-Chlorohexane	13.68	91	1050047	112.8510	ug/L	96
67) Chlorobenzene	14.06	112	2132836	108.3751	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	720239	108.5211	ug/L	99
69) Ethylbenzene	14.09	106	1171252	113.4272	ug/L	99
70) m-,p-Xylene	14.18	106	2950242	226.1637	ug/L	96
71) o-Xylene	14.69	106	1399395	108.7974	ug/L	97
72) Styrene	14.72	104	2358398	113.0888	ug/L	98
73) Bromoform	15.18	173	346208	110.4137	ug/L	99
74) Isopropylbenzene	15.09	105	3595086	111.3094	ug/L	99
76) 1,1,2,2-Tetrachloroethane	15.28	83	467404	112.0408	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	168079	115.3251	ug/L	99
79) trans-1,4-Dichloro-2-Buten	15.50	53	221317	116.7665	ug/L	100
80) n-Propylbenzene	15.56	91	4508591	118.3948	ug/L	100
81) Bromobenzene	15.67	156	769150	107.4559	ug/L	98
82) 1,3,5-Trimethylbenzene	15.74	105	3193827	116.9533	ug/L	100
83) 2-Chlorotoluene	15.81	91	2782101	108.6882	ug/L	99
84) 4-Chlorotoluene	15.86	91	2964292	117.4509	ug/L	100
85) a-Methylstyrene	16.11	118	1685109	113.3885	ug/L	100
86) tert-Butylbenzene	16.17	134	569423	115.7614	ug/L	99
87) 1,2,4-Trimethylbenzene	16.21	105	3286143	114.0125	ug/L	98
88) sec-Butylbenzene	16.42	105	3670306	117.1553	ug/L	100
89) p-Isopropyltoluene	16.56	119	3173005	114.6239	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	1562638	107.6895	ug/L	99
91) 1,4-Dichlorobenzene	16.86	146	1577812	109.2050	ug/L	100
92) n-Butylbenzene	17.05	91	2944835	116.9407	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	1336839	106.6765	ug/L	100
94) 1,2-Dibromo-3-Chloropropan	18.23	75	97730	118.5462	ug/L	97
95) 1,2,4-Trichlorobenzene	19.29	180	943544	101.3813	ug/L	99
96) Hexachlorobutadiene	19.44	225	343584	107.1316	ug/L	99
97) Naphthalene	19.64	128	1605086	103.1590	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	753274	101.6401	ug/L	99

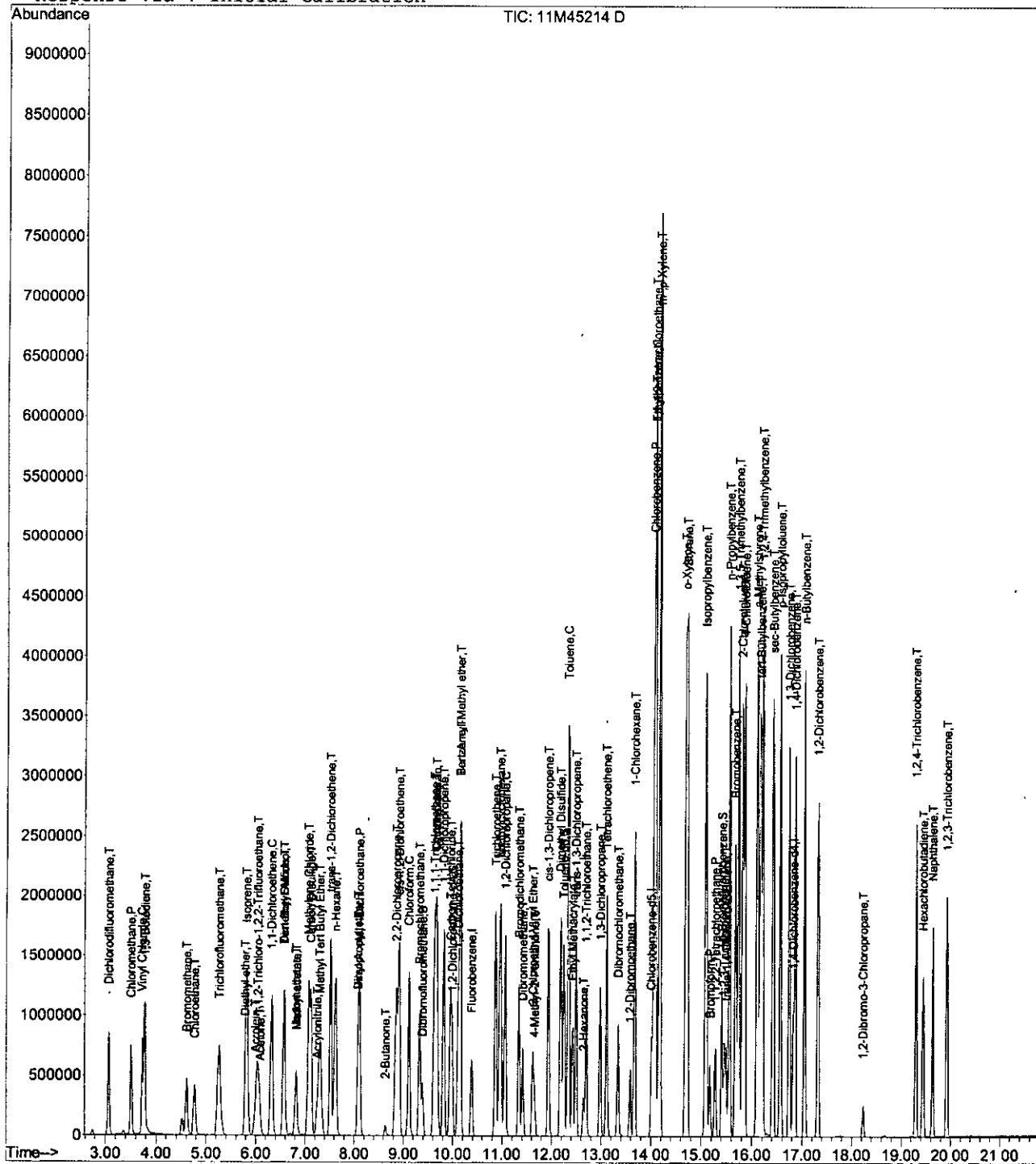
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45214.D 8260WT.M Wed Sep 05 17:43:47 2007

Data File : C:\MSDchem\1\DATA\090507\11M45214.D
Acq On : 5 Sep 2007 17:21
Sample : WG249372-09 100 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 5 17:43 2007

Vial: 9
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 17:27:42 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\090507\11M45215.D Vial: 10
 Acq On : 5 Sep 2007 17:51 Operator: MES
 Sample : WG249372-10 200 ug/L WATER STD 8260 Inst : HPMS11
 Misc : 1,1 STD21737 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 05 18:13:31 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Wed Sep 05 17:46:31 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	730944	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	553780	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	303129	25.0000	ug/L	0.000

System Monitoring Compounds.

36) Dibromofluoromethane	9.388	111	751904	101.1515486	ug/L	0.00
Spiked Amount	25.000	Range 86 - 118	Recovery	= 404.61%#		
42) 1,2-Dichloroethane-d4	9.988	65	922686	99.2332734	ug/L	0.00
Spiked Amount	25.000	Range 80 - 120	Recovery	= 396.93%#		
56) Toluene-d8	12.252	98	2806039	99.6529269	ug/L	0.01
Spiked Amount	25.000	Range 88 - 110	Recovery	= 398.61%#		
77) p-Bromofluorobenzene	15.406	95	1153236	100.9412171	ug/L	0.00
Spiked Amount	25.000	Range 86 - 115	Recovery	= 403.76%#		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	2037873	200.8603	ug/L	99
3) Chloromethane	3.51	50	1999913	205.0613	ug/L	99
4) Vinyl Chloride	3.72	62	1599594	161.7790	ug/L	99
5) 1,3-Butadiene	3.76	54	1106346	155.4218	ug/L	99
6) Bromomethane	4.59	94	1028799	233.9796	ug/L	99
7) Chloroethane	4.76	64	1249393	200.5165	ug/L	99
8) Trichlorofluoromethane	5.25	101	2933362	208.9949	ug/L	98
9) Diethyl ether	5.78	59	5096	1.1470	ug/L	85
10) Isoprene	5.81	67	2099764	209.2570	ug/L	94
11) Acrolein	5.99	56	115672	376.7169	ug/L	95
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	1308966	189.8235	ug/L	99
13) Acetone	6.10	43	209883	180.9222	ug/L	96
14) 1,1-Dichloroethene	6.32	61	2943837	221.8074	ug/L	98
15) Tert-Butyl Alcohol	6.57	59	81946	1108.2544	ug/L #	99
16) Dimethyl Sulfide	6.57	62	2106047	208.8337	ug/L	95
17) Iodomethane	6.81	142	1438943	208.1396	ug/L	96
18) Methyl acetate	6.82	43	621523	199.6013	ug/L	97
19) Methylene Chloride	7.07	84	1449619	144.7361	ug/L	94
20) Carbon Disulfide	7.11	76	4501922	209.5060	ug/L	99
21) Acrylonitrile	7.24	53	375159	213.3807	ug/L	99
22) Methyl Tert Butyl Ether	7.30	73	3305960	195.6617	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	1536854	214.6486	ug/L	95
24) n-Hexane	7.62	57	2317036	192.8229	ug/L	99
25) Diisopropyl ether	8.08	45	17799	4.9957	ug/L #	1
26) Vinyl Acetate	8.08	43	2128602	206.0031	ug/L	99
27) 1,1-Dichloroethane	8.11	63	3377326	204.1258	ug/L	100
29) 2-Butanone	8.64	43	313313	205.0240	ug/L	98
31) 2,2-Dichloropropane	8.85	77	2940343	226.0372	ug/L	98
32) cis-1,2-Dichloroethene	8.91	96	1600646	213.5811	ug/L	95
33) Chloroform	9.11	83	2944043	205.4708	ug/L	100
34) Bromochloromethane	9.33	130	816271	209.9710	ug/L	97
35) Tetrahydrofuran	9.67	42	533162	560.7113	ug/L #	99
37) 1,1,1-Trichloroethane	9.63	97	2752738	207.8120	ug/L	98
38) Cyclohexane	9.67	56	2908886	197.5967	ug/L	98
39) 1,1-Dichloropropene	9.81	75	2264077	218.2410	ug/L	99
40) Carbon Tetrachloride	9.96	117	2276289	216.9964	ug/L	99
41) Tert-Amyl-Methyl ether	10.15	73	105706	58.2055	ug/L #	100
43) 1,2-Dichloroethane	10.10	62	2357989	200.8763	ug/L	99
44) Benzene	10.15	78	5908606	208.6426	ug/L	99
45) Trichloroethene	10.87	130	1503056	221.1383	ug/L	99

(#) = qualifier out of range (m) = manual integration
 11M45215.D 8260WT.M Wed Sep 05 18:13:32 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45215.D Vial: 10
Acq On : 5 Sep 2007 17:51 Operator: MES
Sample : WG249372-10 200 ug/L WATER STD 8260 Inst : HPMS11
Misc : 1,1 STD21737 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 18:13:31 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 17:46:31 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Methylcyclohexane	10.96	83	2250131	200.5585	ug/L	95
47) 1,2-Dichloropropane	11.06	63	1661428	214.4883	ug/L	97
49) Bromodichloromethane	11.34	83	2170919	216.0570	ug/L	99
50) Dibromomethane	11.41	93	680382	219.5048	ug/L	99
51) 2-Chloroethyl Vinyl Ether	11.62	63	754471	211.7312	ug/L	98
52) 4-Methyl-2-Pentanone	11.65	58	354003	208.1831	ug/L	99
53) cis-1,3-Dichloropropene	11.94	75	2488434	218.8426	ug/L	99
54) Dimethyl Disulfide	12.18	79	1333856	222.0323	ug/L	98
57) Toluene	12.35	91	6393987	207.6481	ug/L	100
58) Ethyl Methacrylate	12.43	69	1218428	208.2163	ug/L	95
59) trans-1,3-Dichloropropene	12.50	75	2222316	209.9765	ug/L	99
60) 1,1,2-Trichloroethane	12.70	97	944122	201.3490	ug/L	100
61) 2-Hexanone	12.65	43	508927	204.5160	ug/L #	97
62) 1,3-Dichloropropane	12.99	76	1813060	204.3483	ug/L	97
63) Tetrachloroethene	13.11	164	1112050	198.4077	ug/L	100
64) Dibromochloromethane	13.35	129	1330594	217.7433	ug/L	100
65) 1,2-Dibromoethane	13.59	107	929539	206.1948	ug/L	100
66) 1-Chlorohexane	13.68	91	2037322	212.6418	ug/L	93
67) Chlorobenzene	14.06	112	4283322	209.6670	ug/L	99
68) 1,1,1,2-Tetrachloroethane	14.09	131	1379341	200.4493	ug/L	99
69) Ethylbenzene	14.09	106	2300719	215.2287	ug/L	98
70) m-,p-Xylene	14.18	106	5817785	430.2188	ug/L	91
71) o-Xylene	14.69	106	2818576	212.7894	ug/L	95
72) Styrene	14.72	104	4821043	224.9418	ug/L	96
73) Bromoform	15.18	173	703578	220.9962	ug/L	99
74) Isopropylbenzene	15.09	105	7157735	213.8498	ug/L	99
76) 1,1,2,2-Tetrachloroethane	15.28	83	986392	218.1820	ug/L	98
78) 1,2,3-Trichloropropane	15.46	110	340131	212.2333	ug/L	92
79) trans-1,4-Dichloro-2-Butene	15.50	53	455937	216.0762	ug/L	96
80) n-Propylbenzene	15.56	91	9097483	217.3944	ug/L	100
81) Bromobenzene	15.69	156	1540504	202.0829	ug/L	99
82) 1,3,5-Trimethylbenzene	15.74	105	6492955	216.4322	ug/L	98
83) 2-Chlorotoluene	15.82	91	6486784	232.0285	ug/L	91
84) 4-Chlorotoluene	15.86	91	5111164	182.4982	ug/L	88
85) a-Methylstyrene	16.11	118	3496240	218.0830	ug/L	100
86) tert-Butylbenzene	16.17	134	1164642	221.7471	ug/L	97
87) 1,2,4-Trimethylbenzene	16.21	105	6726672	212.7584	ug/L	97
88) sec-Butylbenzene	16.42	105	7554646	221.5371	ug/L	100
89) p-Isopropyltoluene	16.56	119	6556965	217.7229	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	3186161	205.6335	ug/L	100
91) 1,4-Dichlorobenzene	16.86	146	3231633	209.4809	ug/L	99
92) n-Butylbenzene	17.05	91	6114254	222.1728	ug/L	100
93) 1,2-Dichlorobenzene	17.32	146	2759566	206.8970	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	18.23	75	199189	213.5265	ug/L	97
95) 1,2,4-Trichlorobenzene	19.29	180	1925663	194.6626	ug/L	97
96) Hexachlorobutadiene	19.44	225	699191	206.6108	ug/L	98
97) Naphthalene	19.63	128	3212770	192.9556	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	1519237	193.0947	ug/L	98

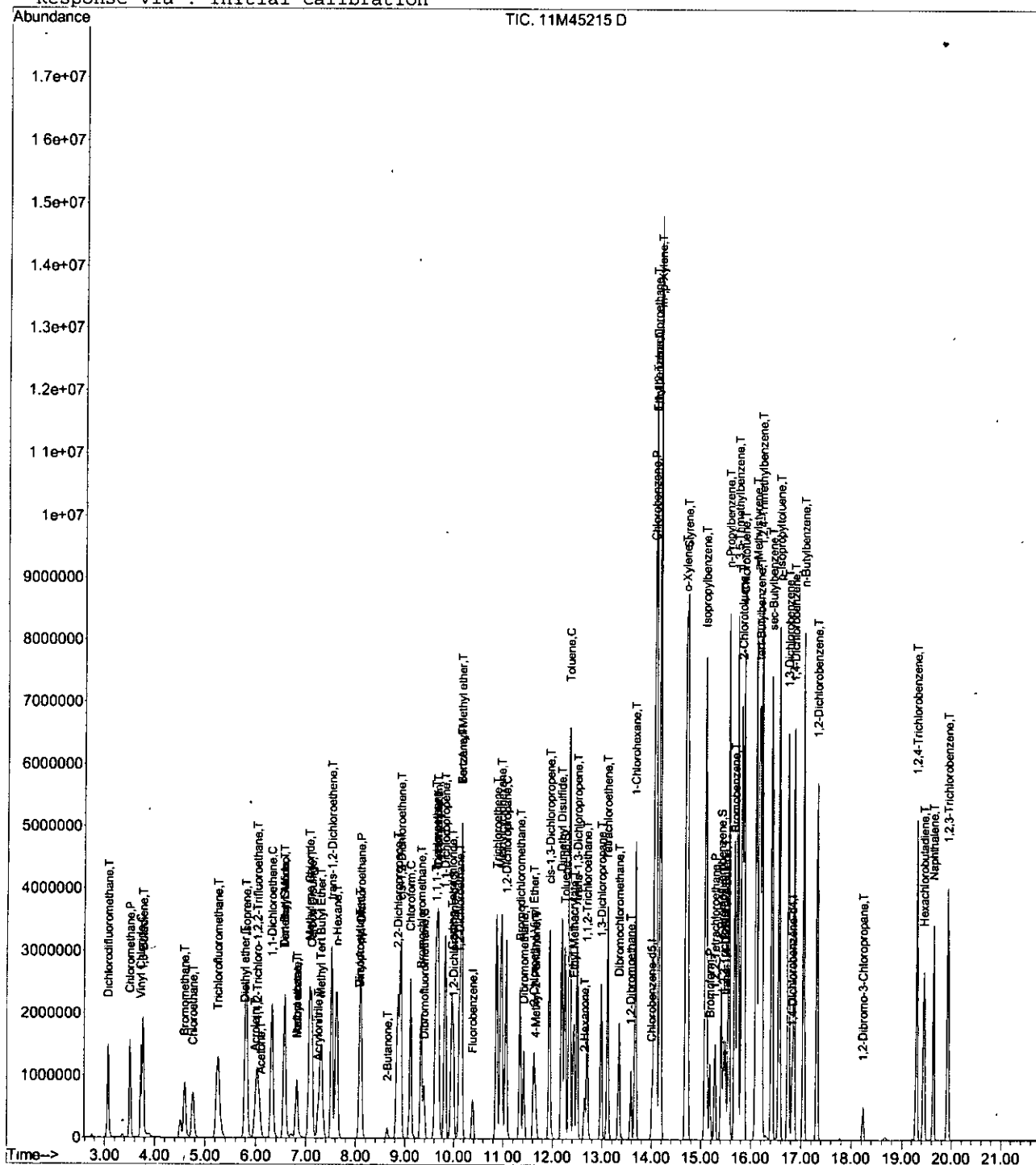
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11M45215.D 8260WT.M Wed Sep 05 18:13:32 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45215.D
Acq On : 5 Sep 2007 17:51
Sample : WG249372-10 200 ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 5 18:13 2007

Vial: 10
Operator: MES
Inst : HPMS11
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Wed Sep 05 17:46:31 2007
Response via : Initial Calibration



11M45215.D 8260WT.M

Wed Sep 05 18:13:33 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090507\11M45219.D Vial: 14
 Acq On : 5 Sep 2007 19:51 Operator: MES
 Sample : WG249372-03 0.4ug/L WATER STD 8260 Inst : HPMS11
 Misc : 1,1 STD21737 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 06 17:16:35 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Thu Sep 06 14:39:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	713395	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	504817	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	275698	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	0.000	111	0	0.0000000	ug/L	
Spiked Amount	25.000	Range 86 - 118	Recovery	=	0.00%	
42) 1,2-Dichloroethane-d4	0.000	65	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 80 - 120	Recovery	=	0.00%	
56) Toluene-d8	0.000	98	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 88 - 110	Recovery	=	0.00%	
77) p-Bromofluorobenzene	0.000	95	0d	0.0000000	ug/L	
Spiked Amount	25.000	Range 86 - 115	Recovery	=	0.00%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	3.74	62	3520	0.3723	ug/L	84
6) Bromomethane	4.60	94	860	0.9705	ug/L	76
8) Trichlorofluoromethane	5.25	101	2964	0.5401	ug/L	89
14) 1,1-Dichloroethene	6.32	61	3960	0.2935	ug/L	96
23) trans-1,2-Dichloroethene	7.52	96	2516	0.3526	ug/L	86
27) 1,1-Dichloroethane	8.11	63	5049	0.3128	ug/L #	87
32) cis-1,2-Dichloroethene	8.91	96	2492	0.3409	ug/L	94
33) Chloroform	9.11	83	5291	0.3728	ug/L	96
34) Bromochloromethane	9.33	130	1201	0.3166	ug/L	83
37) 1,1,1-Trichloroethane	9.63	97	3894	0.2914	ug/L #	80
39) 1,1-Dichloropropene	9.82	75	3144	0.2980	ug/L	84
40) Carbon Tetrachloride	9.96	117	2756	0.6032	ug/L #	90
43) 1,2-Dichloroethane	10.10	62	4273	0.3588	ug/L #	81
44) Benzene	10.14	78	10126	0.3676	ug/L	99
45) Trichloroethene	10.87	130	2612	0.3777	ug/L	93
47) 1,2-Dichloropropane	11.05	63	2398	0.3112	ug/L	82
49) Bromodichloromethane	11.34	83	3271	0.3286	ug/L #	95
50) Dibromomethane	11.40	93	889	0.2839	ug/L	84
53) cis-1,3-Dichloropropene	11.94	75	3612	0.3246	ug/L	91
57) Toluene	12.34	91	10116	0.3550	ug/L	100
59) trans-1,3-Dichloropropene	12.49	75	3290	0.3330	ug/L #	70
60) 1,1,2-Trichloroethane	12.70	97	1073	0.2615	ug/L	87
62) 1,3-Dichloropropane	12.98	76	3070	0.3684	ug/L	97
63) Tetrachloroethene	13.11	164	1123	0.5352	ug/L #	53
64) Dibromochloromethane	13.36	129	1547	0.5243	ug/L	95
65) 1,2-Dibromoethane	13.58	107	1415	0.3401	ug/L	98
66) 1-Chlorohexane	13.68	91	2117	0.6378	ug/L	81
67) Chlorobenzene	14.06	112	7339	0.3828	ug/L	92
68) 1,1,1,2-Tetrachloroethane	14.09	131	1782	0.2819	ug/L	77
69) Ethylbenzene	14.09	106	3679	0.3644	ug/L	98
70) m,p-Xylene	14.17	106	8957	0.7009	ug/L	91
71) o-Xylene	14.69	106	4371	0.3565	ug/L	95
72) Styrene	14.72	104	6454	0.3254	ug/L	77
74) Isopropylbenzene	15.10	105	10603	0.3371	ug/L	86
76) 1,1,2,2-Tetrachloroethane	15.28	83	1336	0.3171	ug/L #	45
80) n-Propylbenzene	15.56	91	12953	0.3277	ug/L	95
81) Bromobenzene	15.67	156	2187	0.3227	ug/L	69
82) 1,3,5-Trimethylbenzene	15.74	105	9921	0.3519	ug/L	88
83) 2-Chlorotoluene	15.81	91	11775	0.4419	ug/L	84
84) 4-Chlorotoluene	15.86	91	8080	0.3134	ug/L	89

(#) = qualifier out of range (m) = manual integration
 11M45219.D 8260WT.M Thu Sep 06 17:18:23 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45219.D Vial: 14
Acq On : 5 Sep 2007 19:51 Operator: MES
Sample : WG249372-03 0.4ug/L WATER STD 8260 Inst : HPMS11
Misc : 1,1 STD21737 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 06 17:16:35 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86) tert-Butylbenzene	16.16	134	1557	0.3143	ug/L	81
87) 1,2,4-Trimethylbenzene	16.21	105	10028	0.3433	ug/L	99
88) sec-Butylbenzene	16.42	105	10658	0.3325	ug/L	92
89) p-Isopropyltoluene	16.56	119	8859	0.3166	ug/L	97
90) 1,3-Dichlorobenzene	16.74	146	5412	0.3808	ug/L	97
91) 1,4-Dichlorobenzene	16.86	146	5405	0.3846	ug/L #	7
92) n-Butylbenzene	17.05	91	10110	0.3821	ug/L	96
93) 1,2-Dichlorobenzene	17.31	146	4793	0.3919	ug/L	84
95) 1,2,4-Trichlorobenzene	19.29	180	5399	0.7280	ug/L	92
96) Hexachlorobutadiene	19.45	225	1367	0.4264	ug/L #	79
97) Naphthalene	19.63	128	9560	0.7300	ug/L #	92
98) 1,2,3-Trichlorobenzene	19.92	180	5604	0.7520	ug/L	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45219.D 8260WT.M Thu Sep 06 17:18:23 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45219.D

Vial: 14

Acq On : 5 Sep 2007 19:51

Operator: ME9

Sample : WG249372-03 0.4ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21737

Multiplr: 1.00

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MS Integration Params: rteint.p
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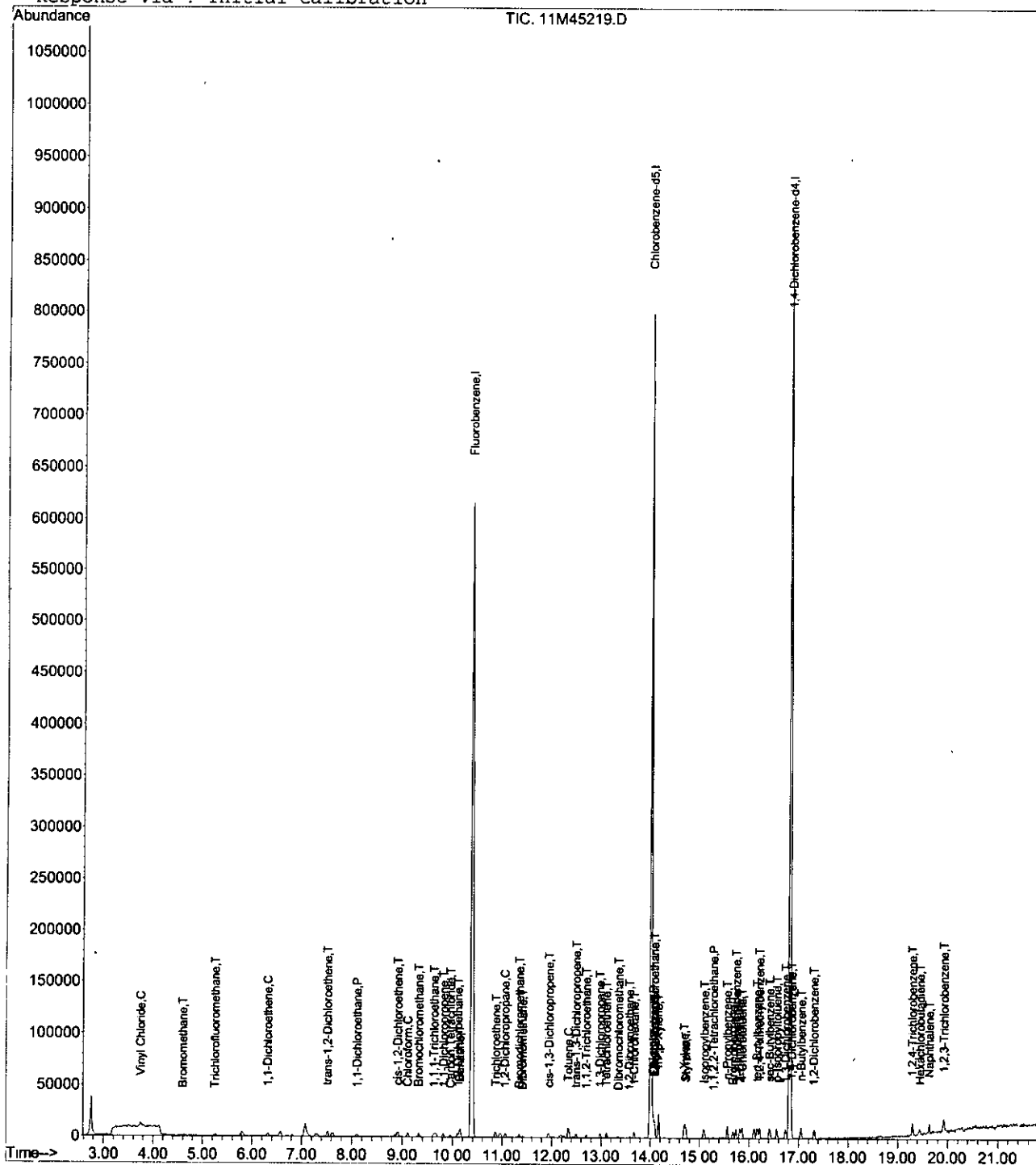
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

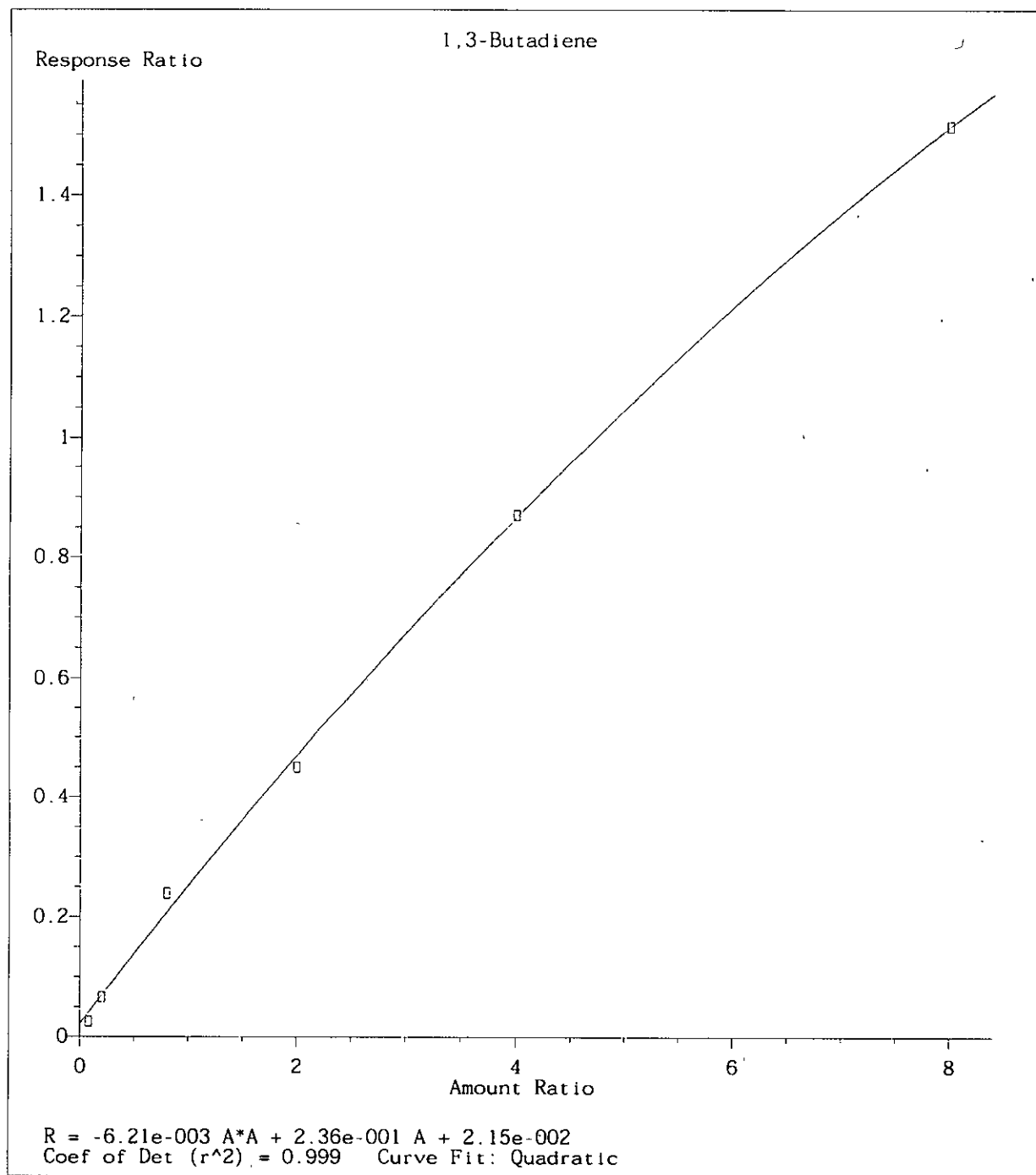
Response via : Initial Calibration



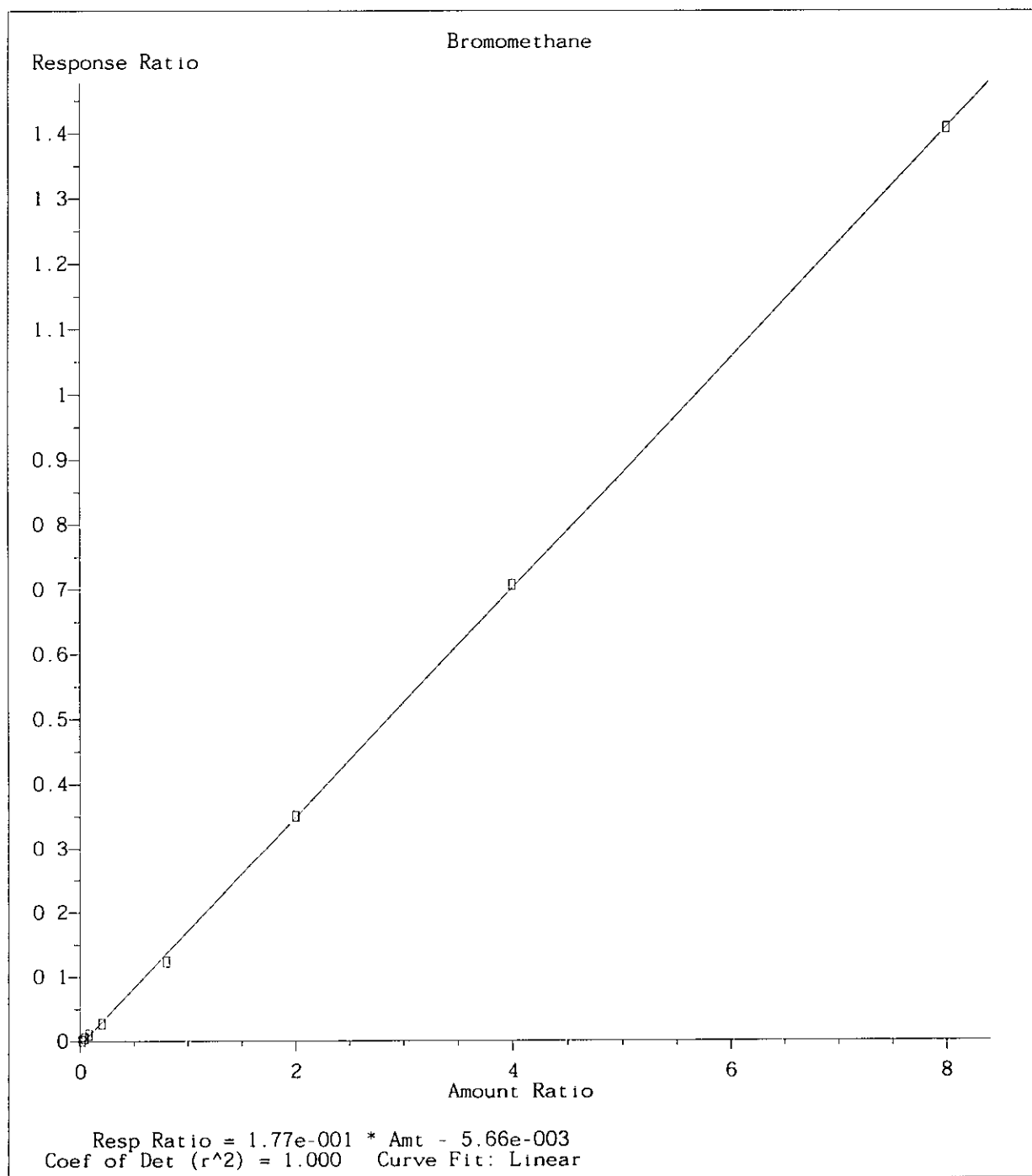
11M45219.D 8260WT.M

Thu Sep 06 17:18:24 2007

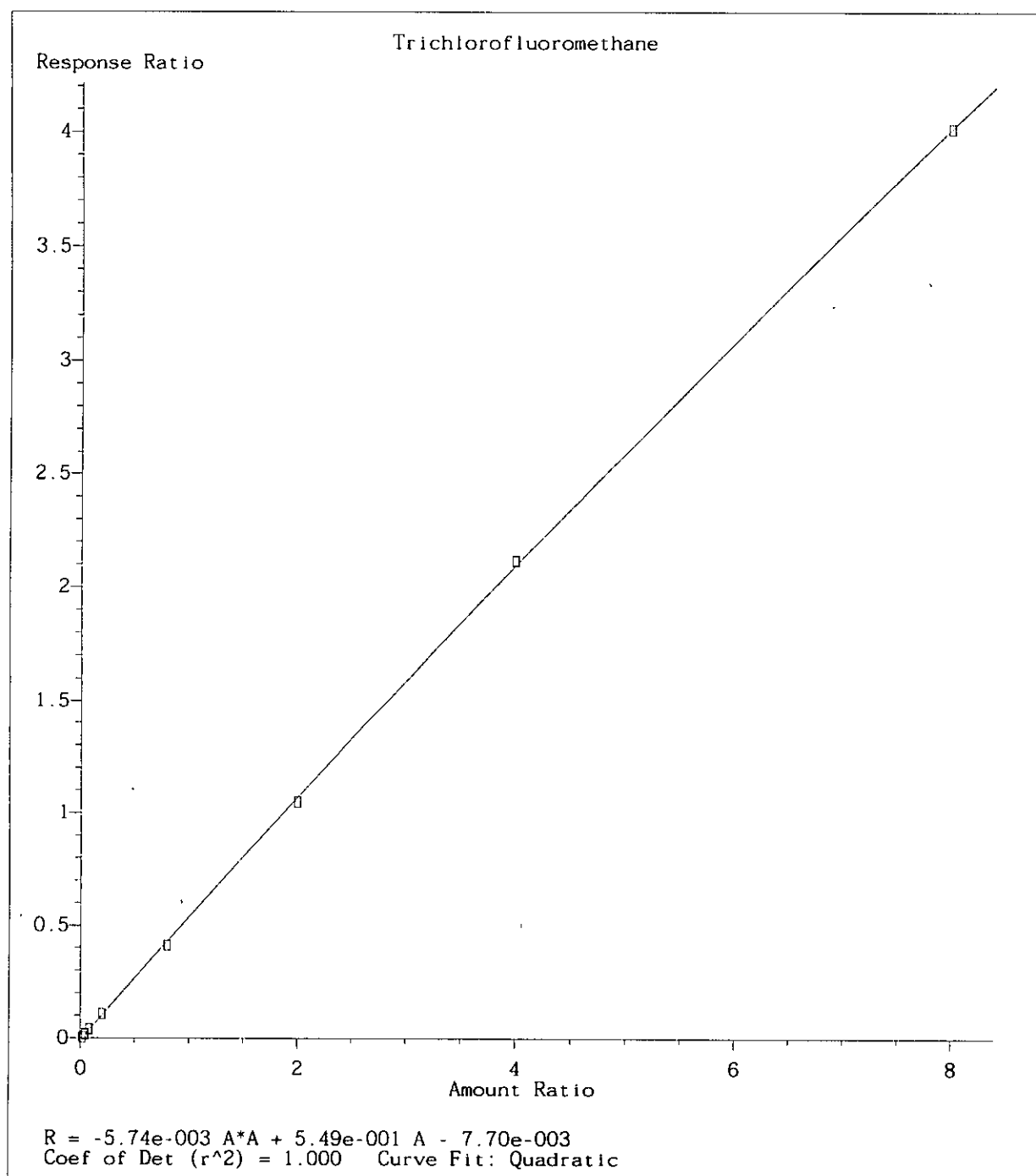
Page 3



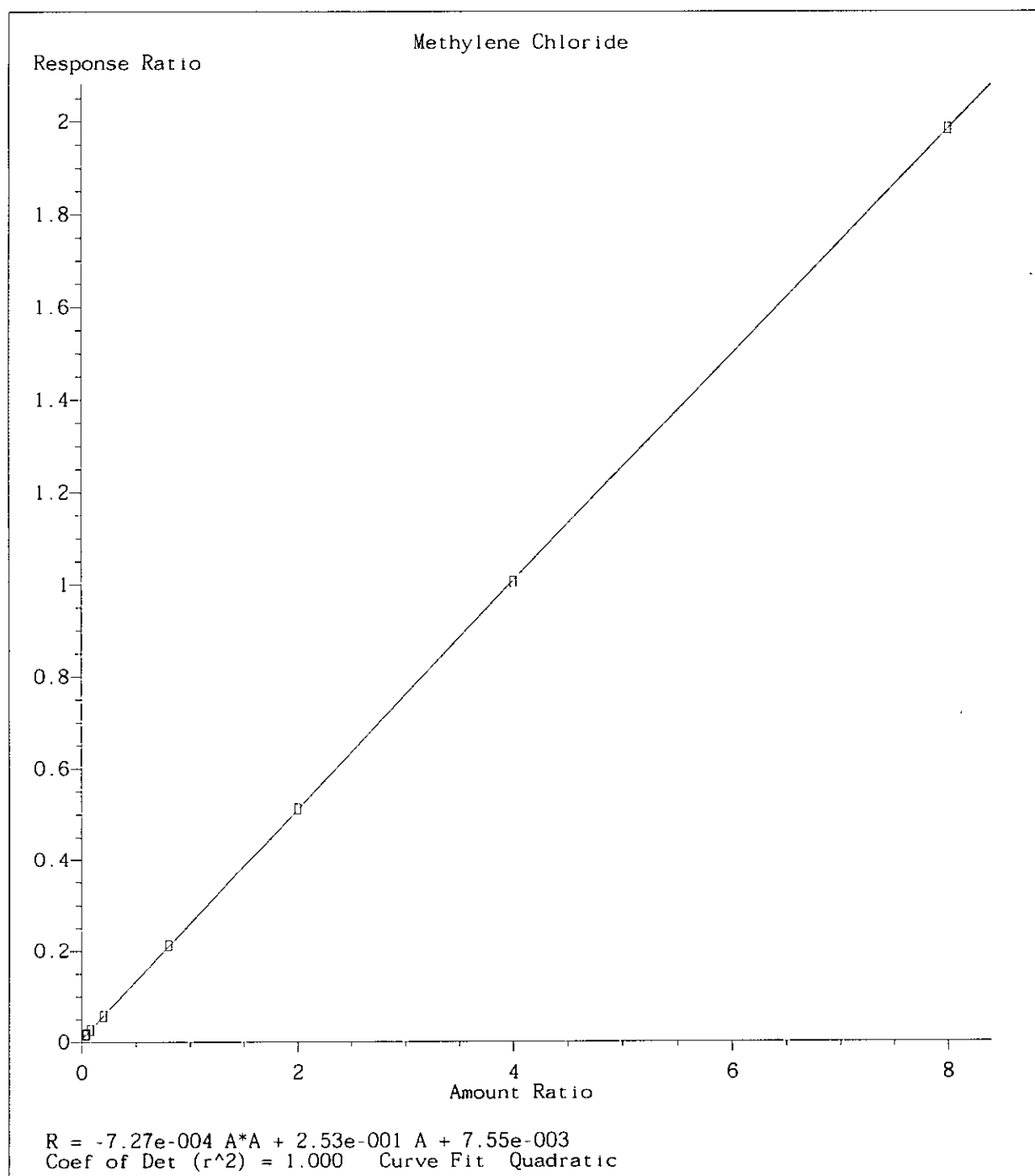
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



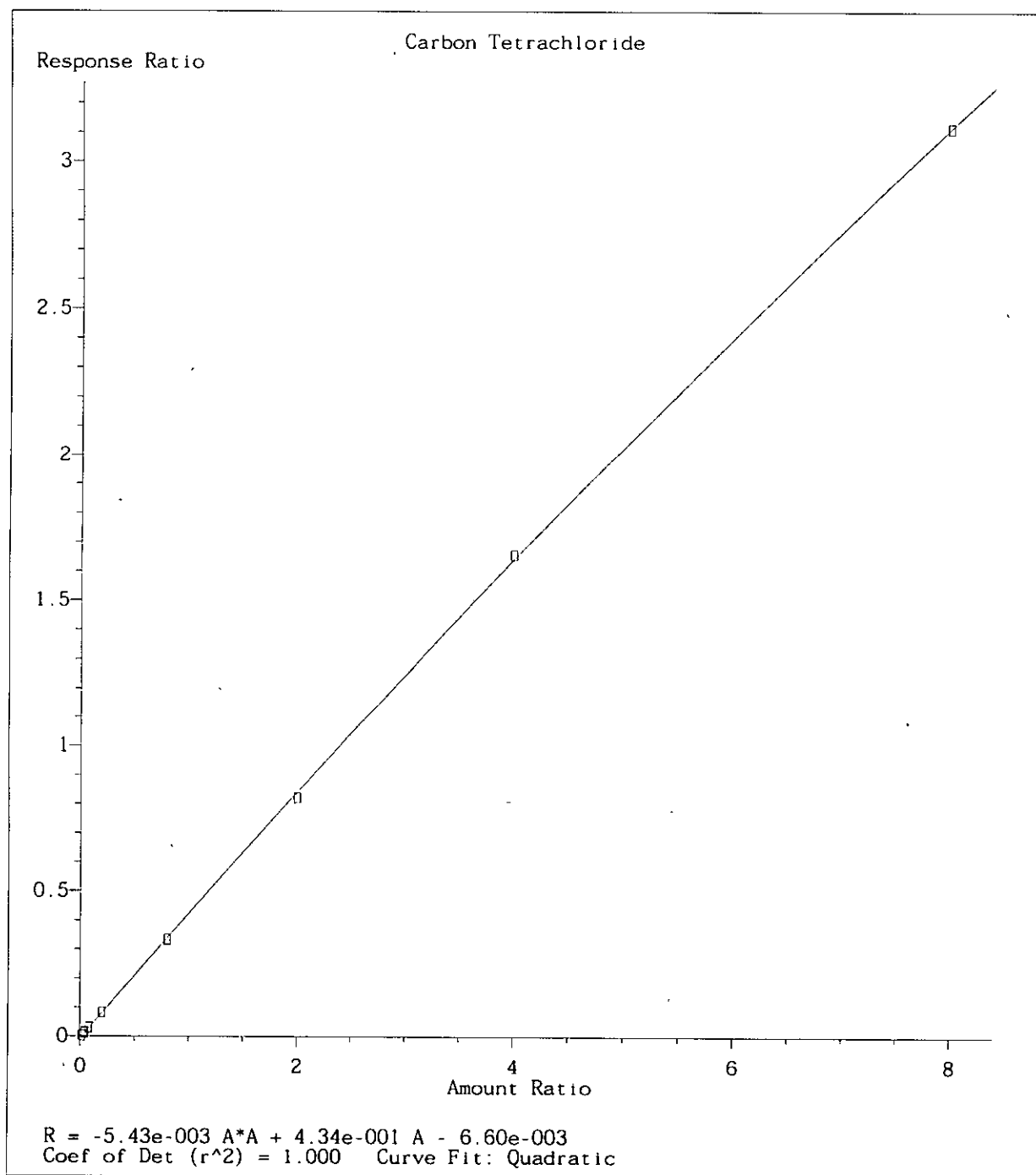
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Calibration Table Last Updated Thu Sep 06 14 39:42 2007



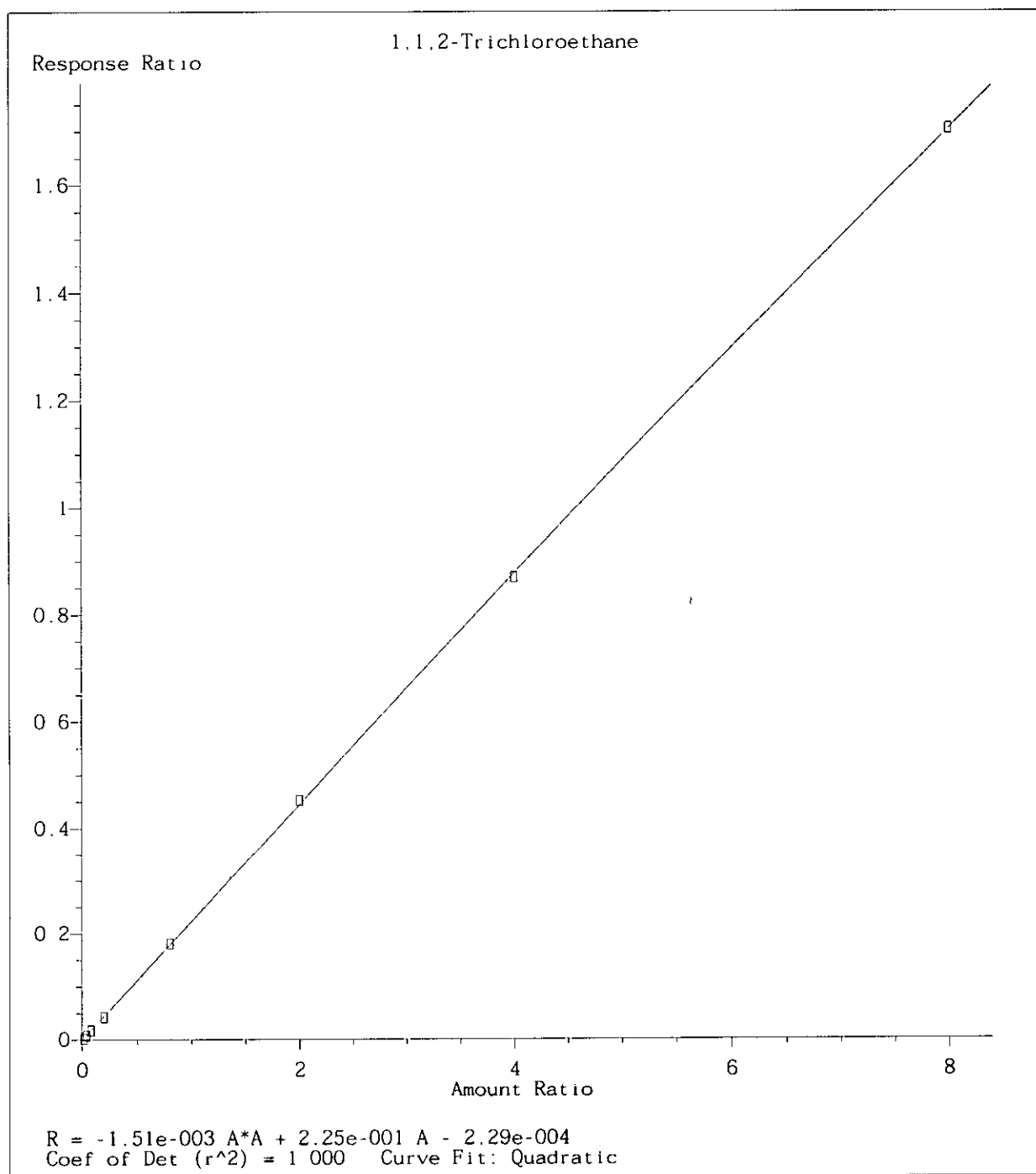
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



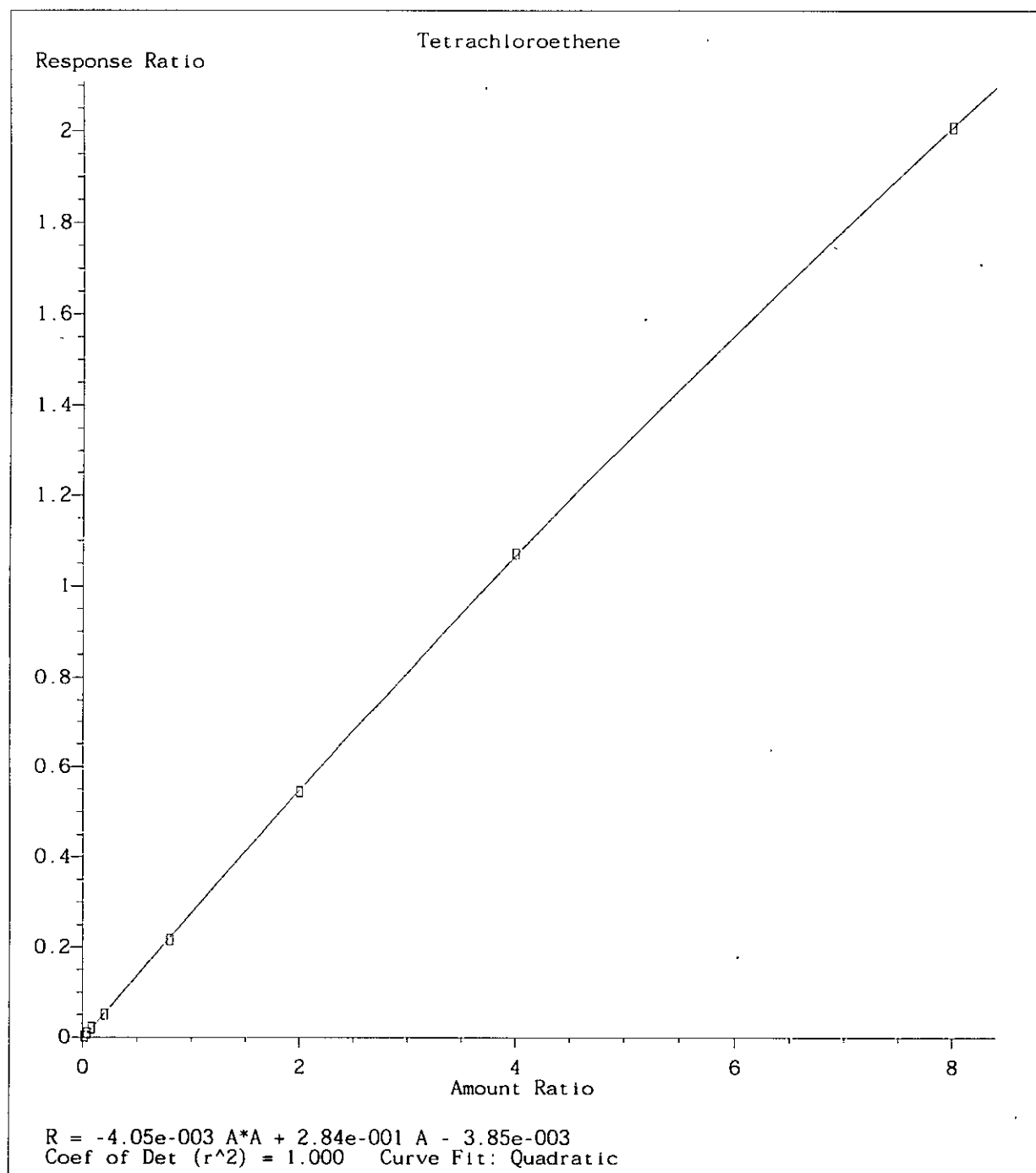
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



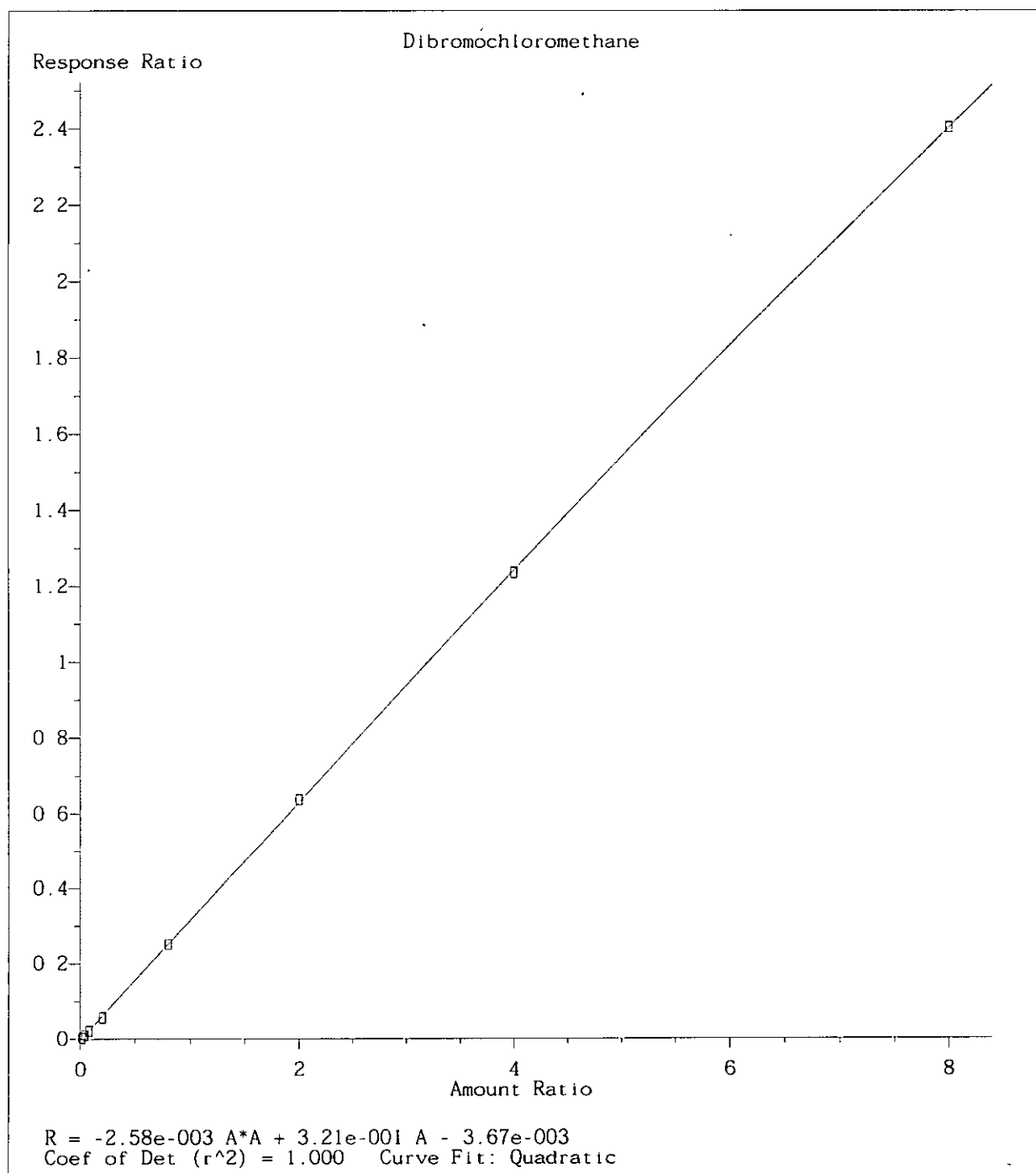
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



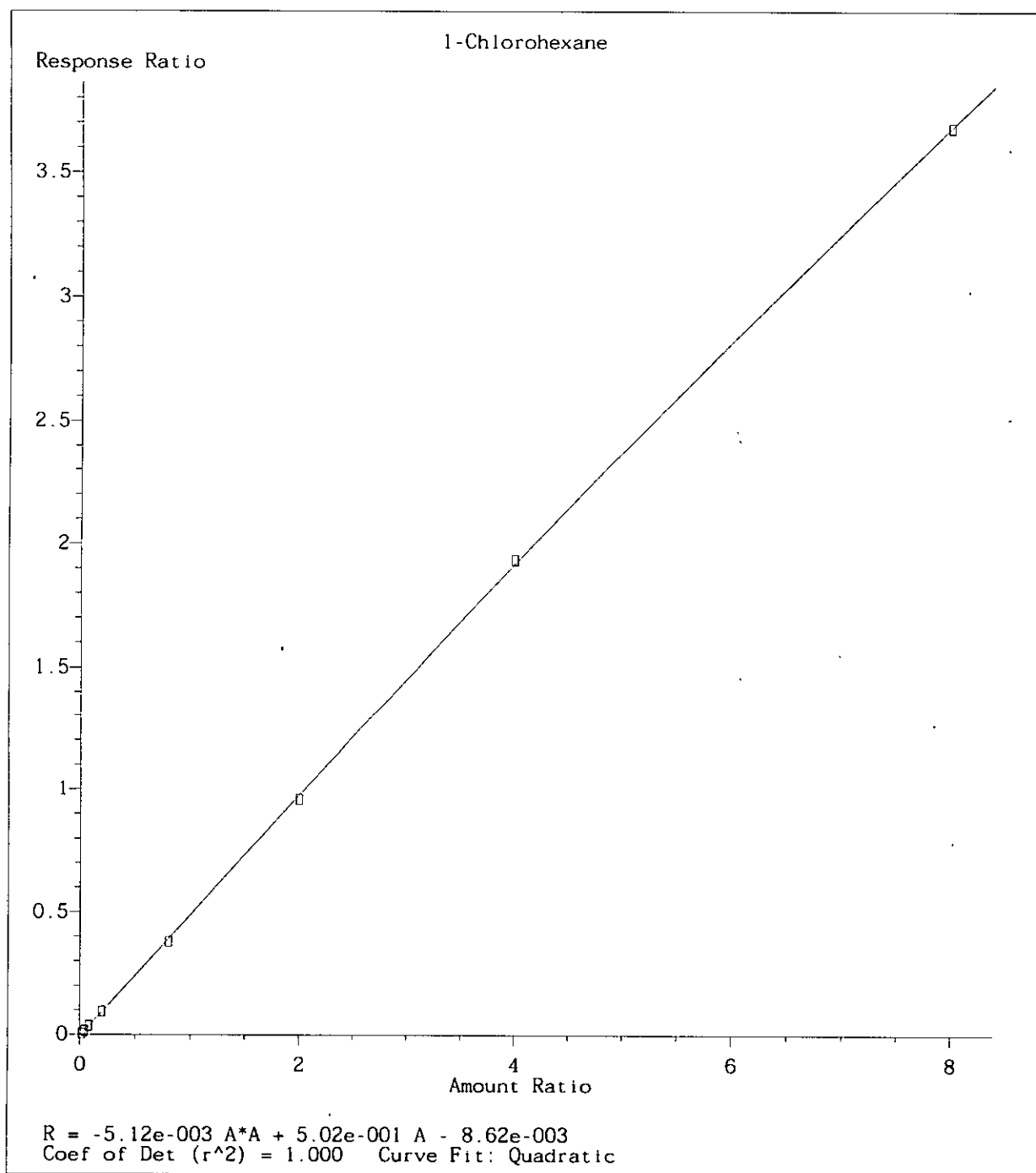
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



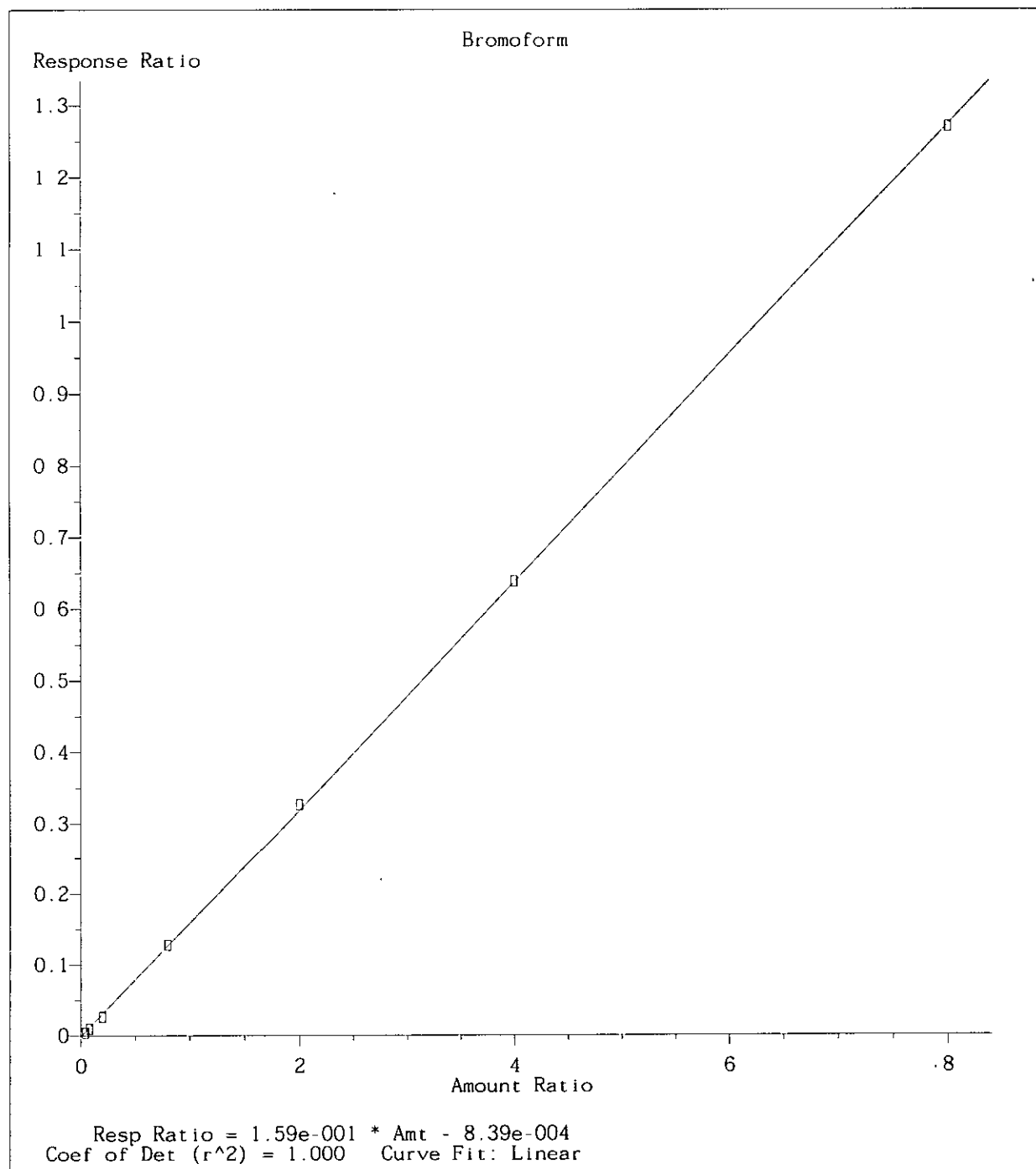
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



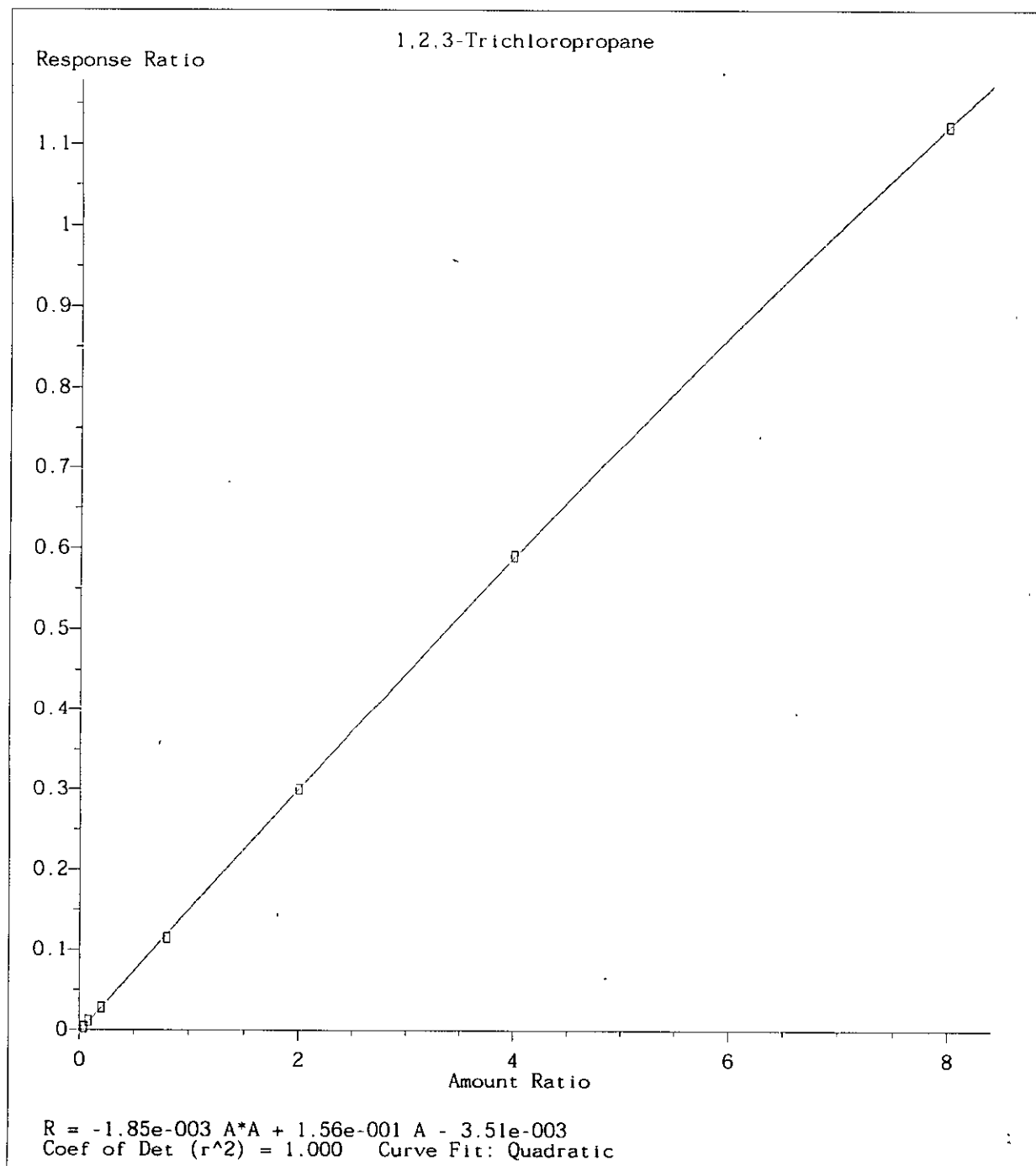
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Calibration Table Last Updated: Thu Sep 06 14 39 42 2007



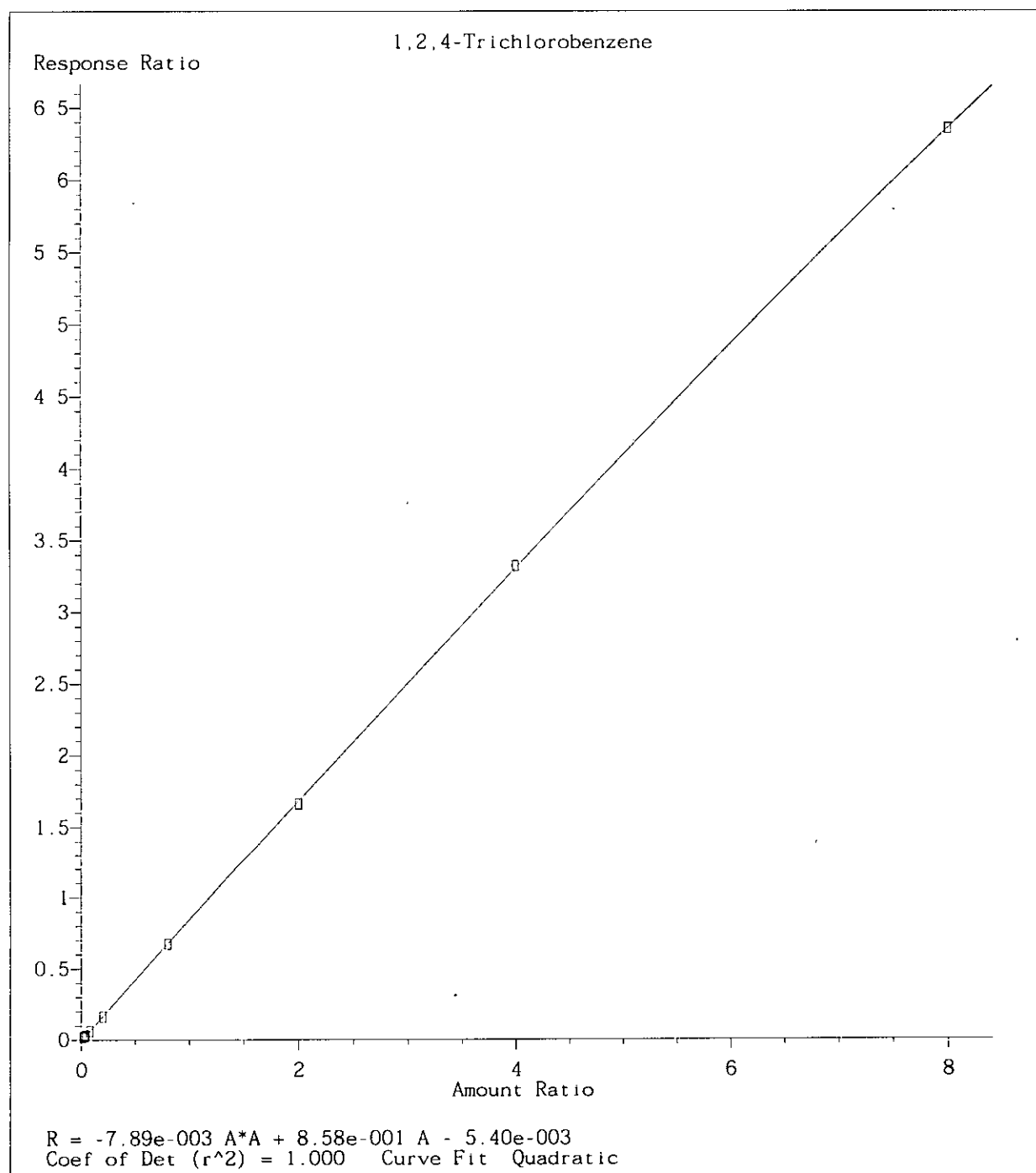
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



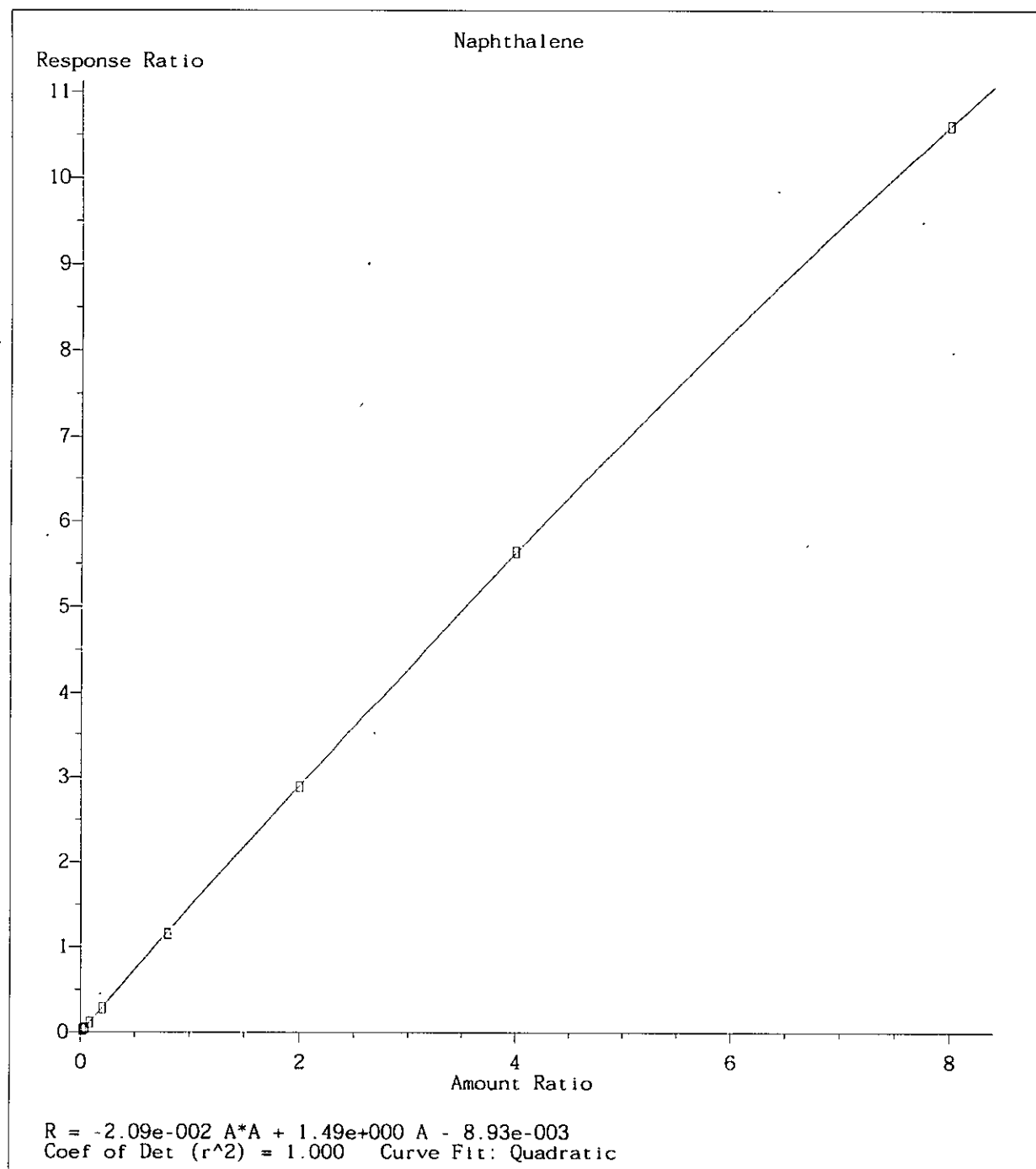
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



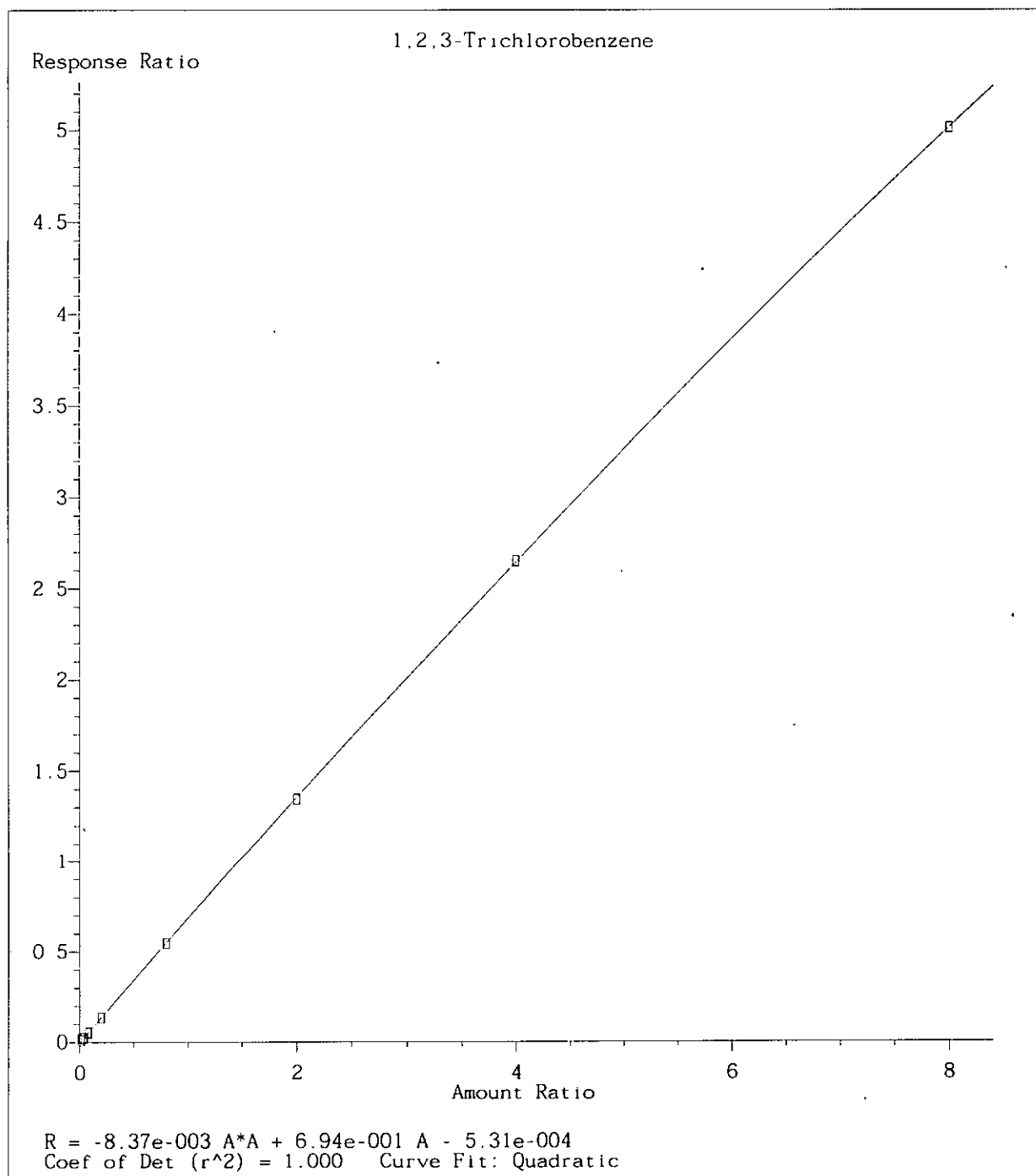
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



Method Name C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007

Data File : C:\MSDCHEM\1\DATA\090607\11M45228.D

Vial: 4

Acq On : 6 Sep 2007 14:21

Operator: MES

Sample : WG249372-11 20ug/L ALT SOURCE

Inst : HPMS11

Misc : 1,1 STD21669

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 14:42:53 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	753925	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	545507	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	294380	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.378	111	181880	23.3631602	ug/L	0.00
Spiked Amount 25.000	Range 86 -	118	Recovery	=	93.45%	
42) 1,2-Dichloroethane-d4	9.988	65	225342	22.0842845	ug/L	0.00
Spiked Amount 25.000	Range 80 -	120	Recovery	=	88.34%	
56) Toluene-d8	12.242	98	676868	23.3404597	ug/L	0.00
Spiked Amount 25.000	Range 88 -	110	Recovery	=	93.36%	
77) p-Bromofluorobenzene	15.406	95	272610	23.3558161	ug/L	0.00
Spiked Amount 25.000	Range 86 -	115	Recovery	=	93.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	297987	26.3725	ug/L	98
3) Chloromethane	3.51	50	220430	20.9894	ug/L	98
4) Vinyl Chloride	3.73	62	226162	22.6365	ug/L	99
5) 1,3-Butadiene	3.77	54	143076	18.1535	ug/L	97
6) Bromomethane	4.61	94	116423	22.6308	ug/L	97
7) Chloroethane	4.77	64	151368	22.8273	ug/L	98
8) Trichlorofluoromethane	5.26	101	292621	18.1637	ug/L	98
10) Isoprene	5.82	67	225951	21.7497	ug/L	98
11) Acrolein	5.99	56	55913	202.1810	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	152038	21.8090	ug/L	98
13) Acetone	6.09	43	25183	21.2169	ug/L	99
14) 1,1-Dichloroethene	6.32	61	333744	23.4064	ug/L	100
16) Dimethyl Sulfide	6.58	62	214408	20.4759	ug/L	99
17) Iodomethane	6.81	142	113798	16.0358	ug/L	98
18) Methyl acetate	6.82	43	70171	21.8347	ug/L	96
19) Methylene Chloride	7.07	84	164203	20.8484	ug/L	100
20) Carbon Disulfide	7.11	76	425254	19.2243	ug/L	100
21) Acrylonitrile	7.24	53	37803	20.4448	ug/L	99
22) Methyl Tert Butyl Ether	7.30	73	380515	21.8063	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	165168	21.8998	ug/L	97
24) n-Hexane	7.62	57	253031	20.9836	ug/L	100
26) Vinyl Acetate	8.09	43	200570	17.9645	ug/L	98
27) 1,1-Dichloroethane	8.11	63	379187	22.2271	ug/L	100
29) 2-Butanone	8.63	43	32196	20.3319	ug/L	96
31) 2,2-Dichloropropane	8.86	77	338855	21.9755	ug/L	100
32) cis-1,2-Dichloroethene	8.91	96	172620	22.3447	ug/L	100
33) Chloroform	9.11	83	336582	22.4390	ug/L	100
34) Bromochloromethane	9.33	130	89690	22.3722	ug/L	97
37) 1,1,1-Trichloroethane	9.63	97	330077	23.3718	ug/L	99
38) Cyclohexane	9.67	56	319703	21.0453	ug/L	99
39) 1,1-Dichloropropene	9.81	75	249727	22.3955	ug/L	99
40) Carbon Tetrachloride	9.96	117	269130	21.1764	ug/L	98
43) 1,2-Dichloroethane	10.10	62	272093	21.6217	ug/L	99
44) Benzene	10.15	78	629641	21.6282	ug/L	99
45) Trichloroethene	10.87	130	166161	22.7339	ug/L	98
46) Methylcyclohexane	10.96	83	244418	22.0047	ug/L	99
47) 1,2-Dichloropropane	11.06	63	181817	22.3260	ug/L	99
49) Bromodichloromethane	11.34	83	241520	22.9572	ug/L	99
50) Dibromomethane	11.42	93	74881	22.6287	ug/L	98
51) 2-Chloroethyl Vinyl Ether	11.62	63	74816	20.0487	ug/L	98

(#)=qualifier out of range (m)=manual integration

11M45228.D 8260WT.M Thu Sep 06 14:42:54 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090607\11M45228.D

Vial: 4

Acq On : 6 Sep 2007 14:21

Operator: MES

Sample : WG249372-11 20ug/L ALT SOURCE

Inst : HPMS11

Misc : 1,1 STD21669

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 06 14:42:53 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	35645	20.1815	ug/L	98
53) cis-1,3-Dichloropropene	11.93	75	263417	22.4004	ug/L	100
54) Dimethyl Disulfide	12.18	79	138987	22.0678	ug/L	98
57) Toluene	12.34	91	671562	21.8075	ug/L	100
58) Ethyl Methacrylate	12.42	69	130296	21.5364	ug/L	97
59) trans-1,3-Dichloropropene	12.49	75	224816	21.0547	ug/L	99
60) 1,1,2-Trichloroethane	12.70	97	103729	21.2654	ug/L	98
61) 2-Hexanone	12.65	43	49983	19.7027	ug/L #	99
62) 1,3-Dichloropropane	12.99	76	195712	21.7315	ug/L	98
63) Tetrachloroethene	13.11	164	124873	20.7352	ug/L	99
64) Dibromochloromethane	13.35	129	137996	20.0979	ug/L	100
65) 1,2-Dibromoethane	13.59	107	97606	21.7104	ug/L	99
66) 1-Chlorohexane	13.68	91	225981	21.2307	ug/L	97
67) Chlorobenzene	14.06	112	440282	21.2495	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.08	131	157042	22.9929	ug/L	99
69) Ethylbenzene	14.08	106	241069	22.0988	ug/L	97
70) m-,p-Xylene	14.18	106	597426	43.2640	ug/L	98
71) o-Xylene	14.69	106	286263	21.6059	ug/L	98
72) Styrene	14.72	104	477047	22.2606	ug/L	99
73) Bromoform	15.18	173	66228	19.1870	ug/L	99
74) Isopropylbenzene	15.09	105	687638	20.2323	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	97386	21.6448	ug/L	97
78) 1,2,3-Trichloropropane	15.46	110	34647	19.6676	ug/L	96
79) trans-1,4-Dichloro-2-Butene	15.50	53	40267	18.2973	ug/L	99
80) n-Propylbenzene	15.56	91	921627	21.8366	ug/L	100
81) Bromobenzene	15.67	156	164210	22.6895	ug/L	93
82) 1,3,5-Trimethylbenzene	15.74	105	670771	22.2819	ug/L	99
83) 2-Chlorotoluene	15.81	91	587897	20.6640	ug/L	91
84) 4-Chlorotoluene	15.85	91	600795	21.8233	ug/L	90
85) a-Methylstyrene	16.10	118	341477	21.7238	ug/L	100
86) tert-Butylbenzene	16.16	134	118130	22.3329	ug/L	96
87) 1,2,4-Trimethylbenzene	16.21	105	711769	22.8199	ug/L	99
88) sec-Butylbenzene	16.42	105	750836	21.9363	ug/L	100
89) p-Isopropyltoluene	16.56	119	644464	21.5703	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	313438	20.6546	ug/L	99
91) 1,4-Dichlorobenzene	16.86	146	319441	21.2862	ug/L	98
92) n-Butylbenzene	17.05	91	609221	21.5640	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	279020	21.3671	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	18.23	75	19937	20.9043	ug/L	95
95) 1,2,4-Trichlorobenzene	19.29	180	202821	20.3806	ug/L	100
96) Hexachlorobutadiene	19.44	225	76000	22.2030	ug/L	98
97) Naphthalene	19.64	128	346727	20.0875	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	163531	20.2378	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45228.D 8260WT.M Thu Sep 06 14:42:54 2007

Data File : C:\MSDCHEM\1\DATA\090607\11M45228.D

Vial: 4

Acq On : 6 Sep 2007 14:21

Operator: MES

Sample : WG249372-11 20ug/L ALT SOURCE

Inst : HPMS11

Misc : 1,1 STD21669

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 6 14:42 2007

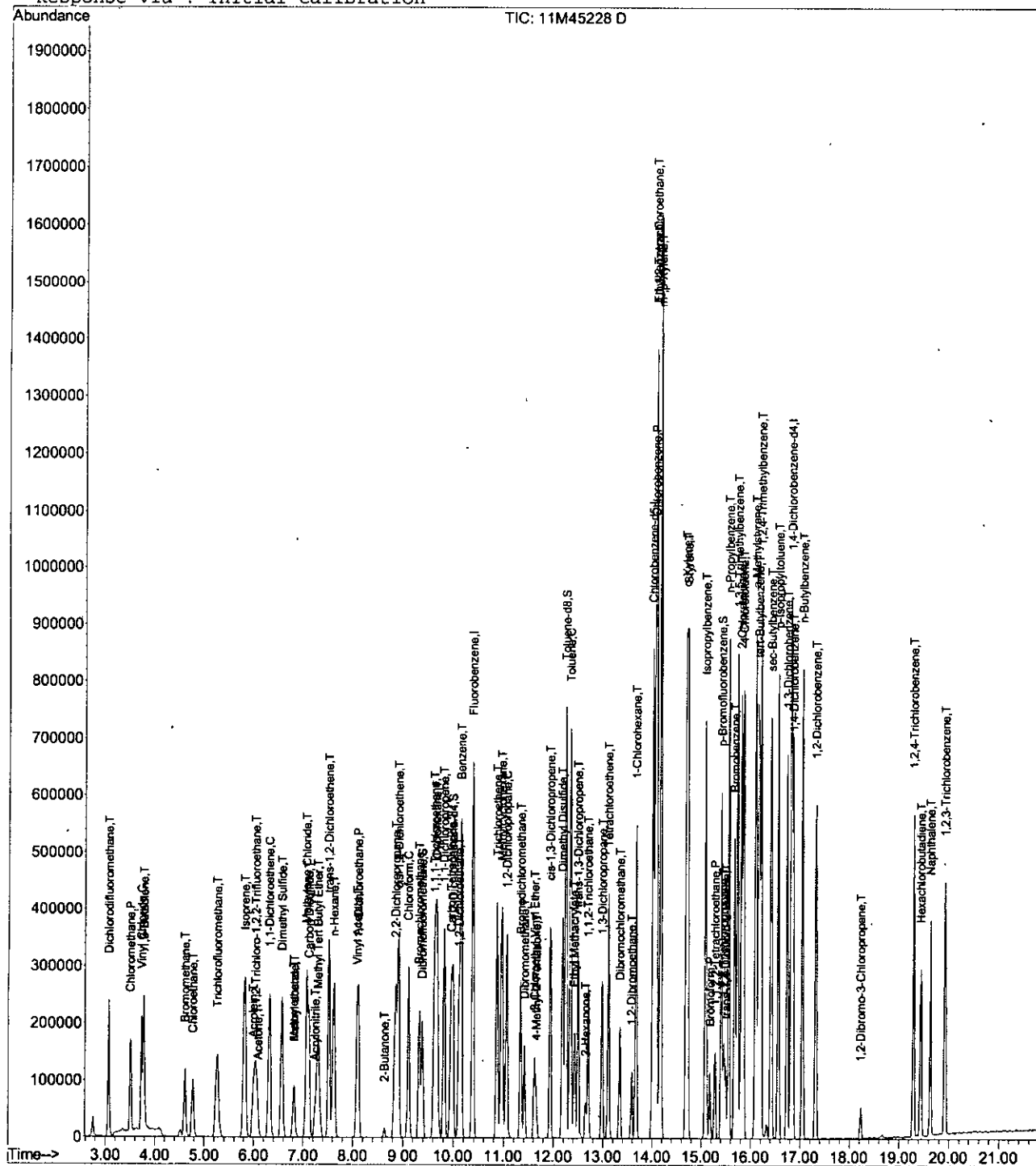
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\081407\9M56008.D Vial: 2
 Acq On : 14 Aug 2007 11:42 Operator: MES
 Sample : WG247666-02 0.5ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 17:17:30 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:15:10 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	713344	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	590573	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	316200	50.00	ug/kg	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	0.00	111	0	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
42) 1,2-Dichloroethane-d4	0.00	65	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
56) Toluene-d8	0.00	98	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
77) p-Bromofluorobenzene	0.00	95	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
70) m-,p-Xylene	12.46	106	6218	0.8873	ug/kg	95

 (#) = qualifier out of range (m) = manual integration
 9M56008.D 826_SLST.M Wed Aug 15 16:21:54 2007

Page 1

952 391

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\081407\9M56008.D

Vial: 2

Acq On : 14 Aug 2007 11:42

Operator: MES

Sample : WG247666-02 0.5ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:17 2007

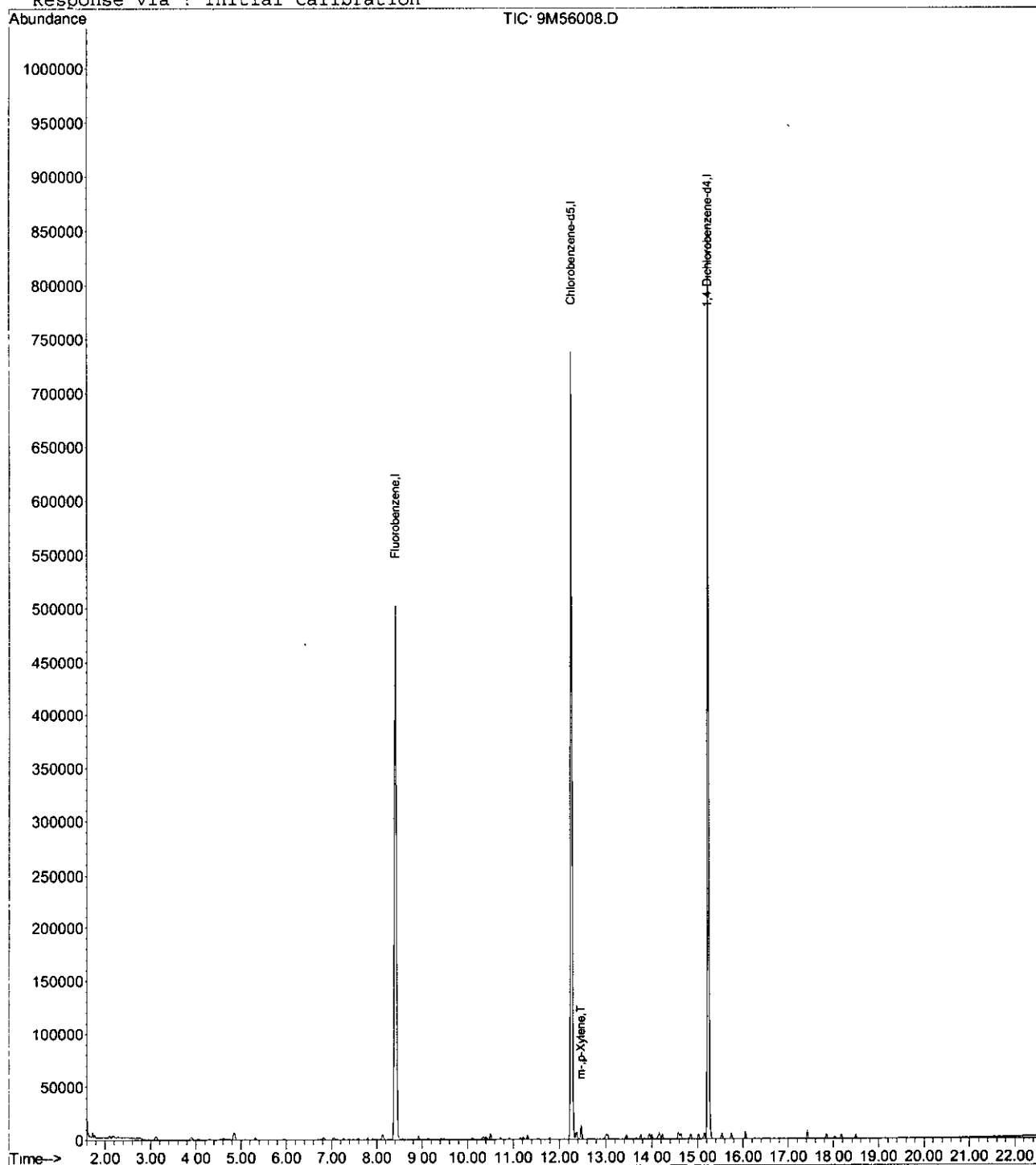
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration



9M56008.D 826_SLST.M

Wed Aug 15 16:21:55 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56009.D
 Acq On : 14 Aug 2007 12:13
 Sample : WG247666-03 1 ug/Kg SOIL STD 8260
 Misc : 7,1 STD21325
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 17:18:39 2007

Vial: 3
 Operator: MES
 Inst : HPMS9
 Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:15:10 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	591168	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	487826	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	264665	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	0	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
42) 1,2-Dichloroethane-d4	0.00	65	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
56) Toluene-d8	0.00	98	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	
77) p-Bromofluorobenzene	0.00	95	0d	0.0000	ug/kg	
Spiked Amount 50.000			Recovery	=	0.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
20) Carbon Disulfide	4.81	76	10373	1.0523	ug/kg#	83
23) trans-1,2-Dichloroethene	5.32	96	3430	1.0280	ug/kg	95
27) 1,1-Dichloroethane	5.96	63	6371	1.0666	ug/kg#	67
32) cis-1,2-Dichloroethene	6.82	96	3356	0.9904	ug/kg	98
33) Chloroform	7.05	83	6347	1.0987	ug/kg	94
34) Bromochloromethane	7.26	128	1621	0.9790	ug/kg	93
37) 1,1,1-Trichloroethane	7.58	97	5315	0.9627	ug/kg	96
40) Carbon Tetrachloride	7.91	117	4530	0.9556	ug/kg#	87
43) 1,2-Dichloroethane	8.12	62	4936	1.1126	ug/kg#	82
44) Benzene	8.14	78	13062	1.0651	ug/kg	93
45) Trichloroethene	8.92	130	3902	1.0315	ug/kg	95
47) 1,2-Dichloropropane	9.14	63	2850	0.9854	ug/kg	100
48) Bromodichloromethane	9.43	83	3791	0.9886	ug/kg#	93
50) Dibromomethane	9.48	93	1675	0.9411	ug/kg	91
53) cis-1,3-Dichloropropene	10.10	75	3996	0.8925	ug/kg	88
57) Toluene	10.50	91	13636	1.0239	ug/kg	97
59) trans-1,3-Dichloropropene	10.71	75	3849	0.9087	ug/kg	94
60) 1,1,2-Trichloroethane	10.91	97	2192	0.8993	ug/kg	86
62) 1,3-Dichloropropane	11.21	76	4191	1.0111	ug/kg	93
63) Tetrachloroethene	11.31	164	3147	1.0802	ug/kg	96
64) Dibromochloromethane	11.54	129	2425	0.8100	ug/kg	94
65) 1,2-Dibromoethane	11.79	107	2319	0.9298	ug/kg	96
66) 1-Chlorohexane	11.99	91	3880	0.9042	ug/kg	100
67) Chlorobenzene	12.31	112	10158	1.0825	ug/kg	98
68) 1,1,1,2-Tetrachloroethane	12.35	131	2794	0.8856	ug/kg	85
69) Ethylbenzene	12.37	106	4720	0.9817	ug/kg	89
70) m-,p-Xylene	12.47	106	11873	2.0512	ug/kg	93
71) o-Xylene	13.00	106	4955	0.9229	ug/kg	89
72) Styrene	13.04	104	7337	0.8570	ug/kg	97
74) Isopropylbenzene	13.44	105	13376	0.9502	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	2518	0.9666	ug/kg	90
80) n-Propylbenzene	13.94	91	16572	0.9541	ug/kg	98
81) Bromobenzene	14.00	156	3805	0.9984	ug/kg	85
82) 1,3,5-Trimethylbenzene	14.14	105	10426	0.8874	ug/kg	97
83) 2-Chlorotoluene	14.17	91	12331	1.0318	ug/kg	98
84) 4-Chlorotoluene	14.22	91	11512	1.0669	ug/kg	98
86) tert-Butylbenzene	14.58	134	2538	0.9392	ug/kg	89
87) 1,2,4-Trimethylbenzene	14.63	105	12330	0.9910	ug/kg	89
88) sec-Butylbenzene	14.85	105	14658	0.9292	ug/kg	98
89) p-Isopropyltoluene	15.02	119	12441	0.9084	ug/kg	98

(#) = qualifier out of range (m) = manual integration
 9M56009.D 826_SLST.M Wed Aug 15 16:21:56 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56009.D

Vial: 3

Acq On : 14 Aug 2007 12:13

Operator: MES

Sample : WG247666-03 1 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:18:39 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:15:10 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90) 1,3-Dichlorobenzene	15.14	146	8149	1.1047	ug/kg	92
91) 1,4-Dichlorobenzene	15.27	146	9124	1.1918	ug/kg	89
92) n-Butylbenzene	15.53	91	11932	0.9767	ug/kg	93
93) 1,2-Dichlorobenzene	15.74	146	7214	1.0706	ug/kg	94
95) 1,2,4-Trichlorobenzene	17.84	180	4772	1.0617	ug/kg	91
96) Hexachlorobutadiene	18.03	225	2524	1.0744	ug/kg#	85
97) Naphthalene	18.17	128	10011	1.0064	ug/kg	91
98) 1,2,3-Trichlorobenzene	18.49	180	4289	1.0361	ug/kg	91

(#) = qualifier out of range (m) = manual integration
9M56009.D 826_SLST.M Wed Aug 15 16:21:56 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56009.D

Vial: 3

Acq On : 14 Aug 2007 12:13

Operator: MES

Sample : WG247666-03 1 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:20 2007

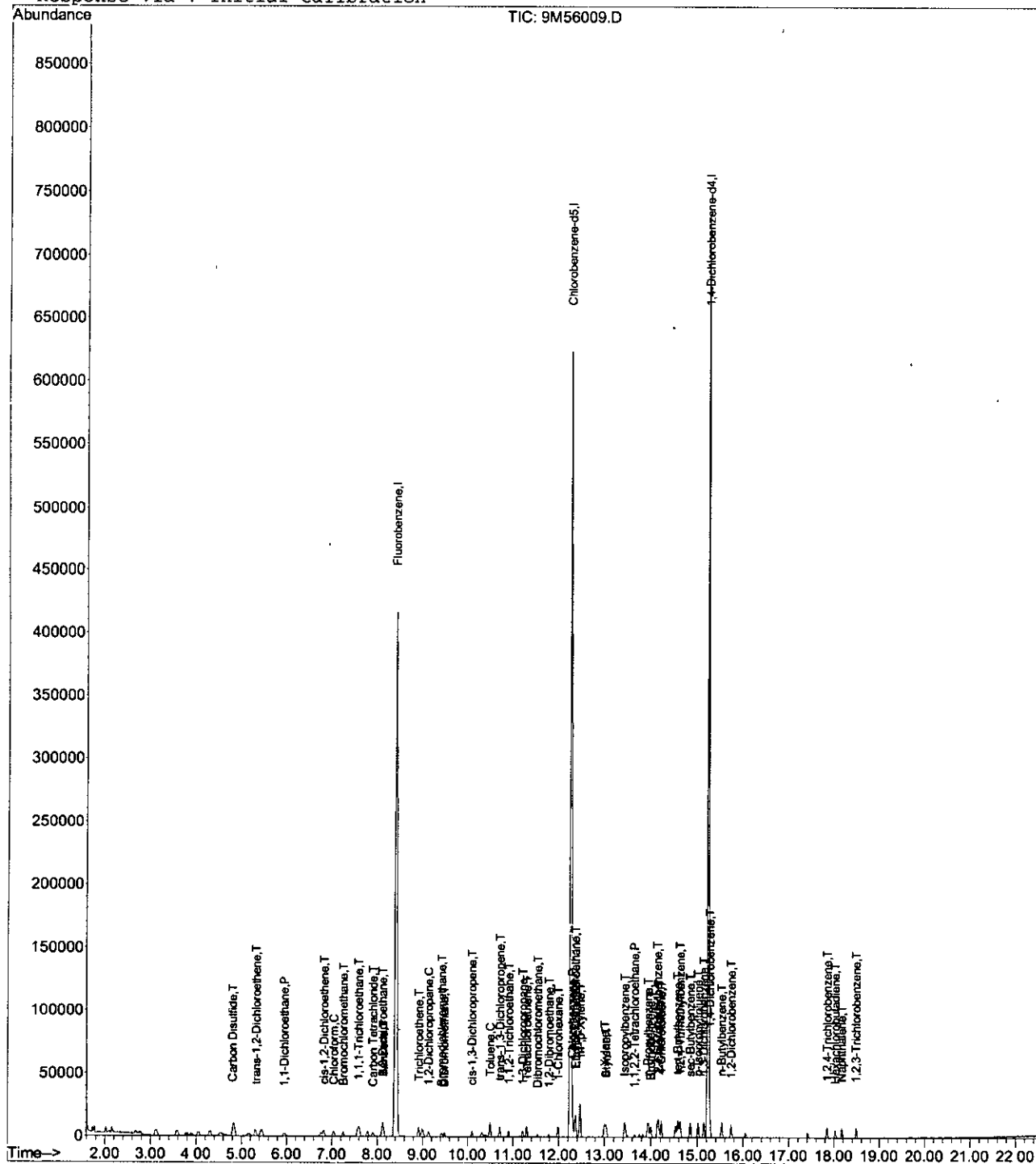
Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration



9M56009.D 826 SLST.M

Wed Aug 15 16:22:01 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D Vial: 4
 Acq On : 14 Aug 2007 12:49 Operator: MES
 Sample : WG247666-04 2 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 17:22:50 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:21:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	618183	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	505040	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	273268	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.34	111	6409	1.8852	ug/kg	0.00
Spiked Amount 50.000			Recovery =	3.78%		
42) 1,2-Dichloroethane-d4	7.99	65	7876	2.1319	ug/kg	0.00
Spiked Amount 50.000			Recovery =	4.26%		
56) Toluene-d8	10.41	98	21142	1.8346	ug/kg	0.00
Spiked Amount 50.000			Recovery =	3.66%		
77) p-Bromofluorobenzene	13.75	95	9081	2.0455	ug/kg	0.00
Spiked Amount 50.000			Recovery =	4.10%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.77	85	8120	1.9471	ug/kg	93
3) Chloromethane	2.03	50	7223	2.0463	ug/kg	93
4) Vinyl Chloride	2.15	62	5534	2.1833	ug/kg	99
6) Bromomethane	2.68	94	4289	2.3241	ug/kg	82
7) Chloroethane	2.79	64	3688	1.8091	ug/kg	80
8) Trichlorofluoromethane	3.14	101	12243	1.9069	ug/kg	97
9) Diethyl ether	3.58	59	10886	4.5803	ug/kg	98
10) Isoprene	3.58	67	7578	1.6329	ug/kg	97
12) 1,1,2-Trichloro-1,2,2-Trif	3.80	101	5759	1.7109	ug/kg	97
14) 1,1-Dichloroethene	4.07	96	5138m	1.6812	ug/kg	
16) Dimethyl Sulfide	4.32	62	6866	1.8056	ug/kg	98
17) Iodomethane	4.53	142	7612	1.7283	ug/kg	100
19) Methylene Chloride	4.85	84	9783	1.9923	ug/kg	97
20) Carbon Disulfide	4.82	76	18405	1.7856	ug/kg	95
22) Methyl Tert Butyl Ether	5.15	73	16418	1.9302	ug/kg#	61
23) trans-1,2-Dichloroethene	5.31	96	6441	1.8461	ug/kg	100
24) n-Hexane	5.44	57	13558	2.2364	ug/kg	91
25) Diisopropyl ether	5.85	45	46188m	4.4615	ug/kg	
26) Vinyl Acetate	6.00	43	12468	1.8557	ug/kg#	80
27) 1,1-Dichloroethane	5.95	63	11640	1.8636	ug/kg#	91
28) Ethyl-Tert-Butyl ether	6.46	59	43335	4.5870	ug/kg#	85
30) Propionitrile	6.68	54	1247	3.5305	ug/kg#	57
31) 2,2-Dichloropropane	6.77	77	9379	1.7655	ug/kg	82
32) cis-1,2-Dichloroethene	6.82	96	6567	1.8533	ug/kg	99
33) Chloroform	7.04	83	11688	1.9349	ug/kg	100
34) Bromochloromethane	7.25	128	3225	1.8625	ug/kg	98
35) Tetrahydrofuran	7.38	42	4267	5.1189	ug/kg#	78
37) 1,1,1-Trichloroethane	7.58	97	10793	1.8695	ug/kg#	70
38) Cyclohexane	7.61	56	12051	1.8250	ug/kg	95
39) 1,1-Dichloropropene	7.79	75	8229	1.7786	ug/kg	95
40) Carbon Tetrachloride	7.91	117	8109	1.6358	ug/kg	98
41) Tert-Amyl-Methyl ether	7.98	73	33865	4.4971	ug/kg	94
43) 1,2-Dichloroethane	8.11	62	9031	1.9467	ug/kg#	93
44) Benzene	8.12	78	24454	1.9068	ug/kg	93
45) Trichloroethene	8.91	130	7125	1.8013	ug/kg	98
46) Methylcyclohexane	9.00	83	10094	1.7130	ug/kg#	85
47) 1,2-Dichloropropane	9.14	63	5496	1.8172	ug/kg	95
48) Bromodichloromethane	9.43	83	7107	1.7724	ug/kg#	96
50) Dibromomethane	9.48	93	3677	1.9757	ug/kg	88
53) cis-1,3-Dichloropropene	10.10	75	8421	1.7986	ug/kg	89

(#) = qualifier out of range (m) = manual integration
 9M56010.D 826_SLST.M Wed Aug 15 16:22:09 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:22:50 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:21:42 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
57) Toluene	10.50	91	25218	1.8291	ug/kg	99
58) Ethyl Methacrylate	10.70	69	5091	1.5548	ug/kg#	78
59) trans-1,3-Dichloropropene	10.71	75	7618	1.7373	ug/kg	90
60) 1,1,2-Trichloroethane	10.90	97	5063	2.0064	ug/kg	99
62) 1,3-Dichloropropane	11.22	76	8589	2.0015	ug/kg	100
63) Tetrachloroethene	11.30	164	5504	1.8249	ug/kg	98
64) Dibromochloromethane	11.54	129	5462	1.7623	ug/kg	98
65) 1,2-Dibromoethane	11.78	107	4674	1.8103	ug/kg	94
66) 1-Chlorohexane	11.99	91	6950	1.5644	ug/kg	95
67) Chlorobenzene	12.31	112	19220	1.9784	ug/kg	98
68) 1,1,1,2-Tetrachloroethane	12.36	131	5808	1.7781	ug/kg	97
69) Ethylbenzene	12.36	106	8964	1.8008	ug/kg	91
70) m-,p-Xylene	12.47	106	21822	3.6415	ug/kg	94
71) o-Xylene	13.00	106	9265	1.6669	ug/kg	83
72) Styrene	13.04	104	14376	1.6220	ug/kg	94
74) Isopropylbenzene	13.44	105	24531	1.6832	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	4949	1.8400	ug/kg	97
78) 1,2,3-Trichloropropane	13.83	110	1874	1.8598	ug/kg#	82
80) n-Propylbenzene	13.94	91	30705	1.7121	ug/kg	98
81) Bromobenzene	14.00	156	7590	1.9289	ug/kg	93
82) 1,3,5-Trimethylbenzene	14.14	105	20398	1.6815	ug/kg	98
83) 2-Chlorotoluene	14.17	91	22831	1.8503	ug/kg	98
84) 4-Chlorotoluene	14.22	91	20684	1.8565	ug/kg	99
86) tert-Butylbenzene	14.58	134	4627	1.6584	ug/kg	77
87) 1,2,4-Trimethylbenzene	14.64	105	23158	1.8027	ug/kg	87
88) sec-Butylbenzene	14.85	105	28180	1.7301	ug/kg	99
89) p-Isopropyltoluene	15.02	119	23716	1.6771	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	13881	1.8225	ug/kg	98
91) 1,4-Dichlorobenzene	15.27	146	15805	1.9994	ug/kg	96
92) n-Butylbenzene	15.53	91	21185	1.6796	ug/kg	97
93) 1,2-Dichlorobenzene	15.74	146	13493	1.9394	ug/kg	98
95) 1,2,4-Trichlorobenzene	17.84	180	8488	1.8290	ug/kg	98
96) Hexachlorobutadiene	18.03	225	4299	1.7723	ug/kg	91
97) Naphthalene	18.17	128	17728	1.7261	ug/kg	96
98) 1,2,3-Trichlorobenzene	18.49	180	7797	1.8242	ug/kg	94

(#) = qualifier out of range (m) = manual integration
9M56010.D 826_SLST.M Wed Aug 15 16:22:10 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:24 2007

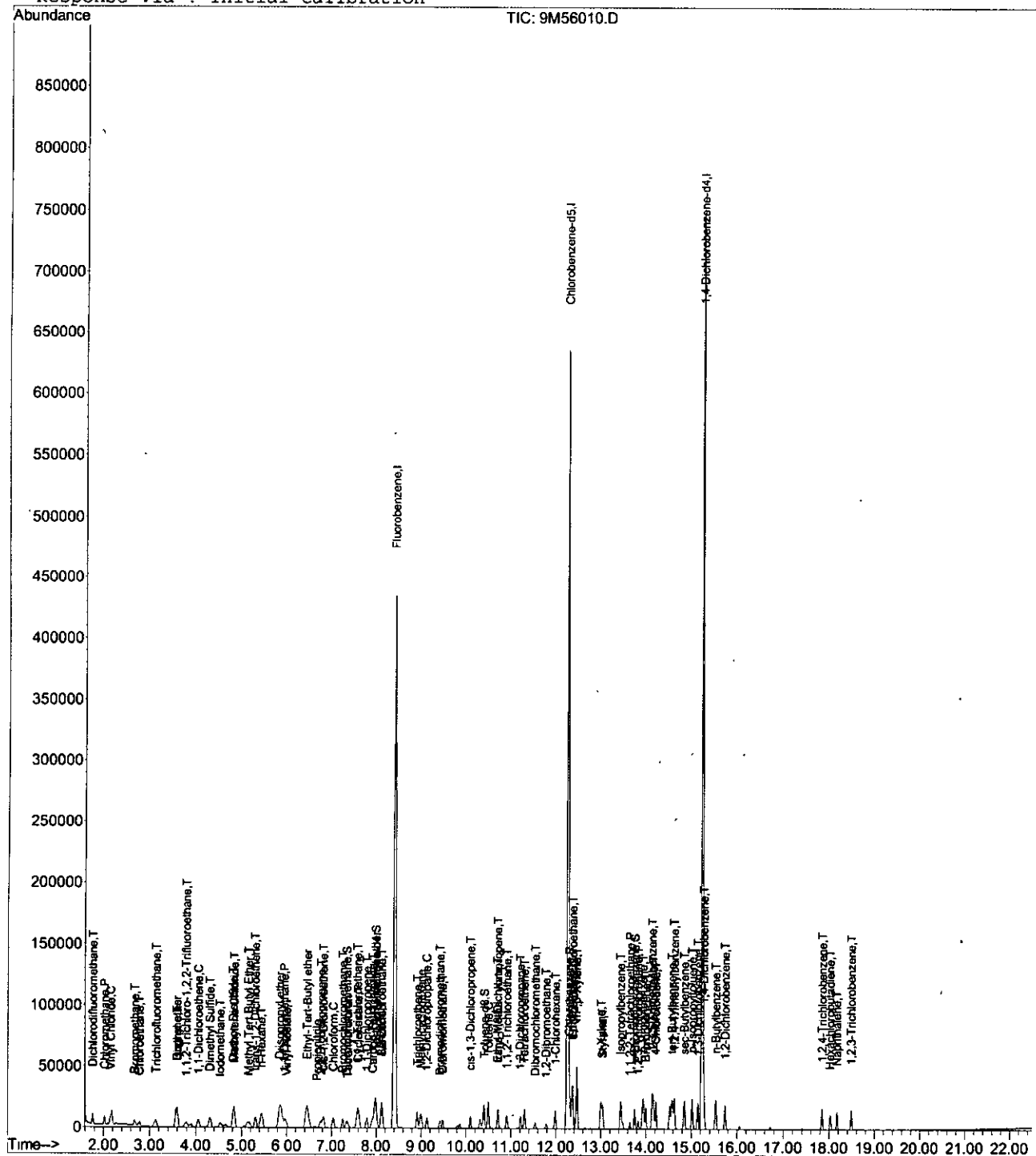
Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration



9M56010.D 826_SLST.M Wed Aug 15 16:22:18 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/L SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 13:11 2007

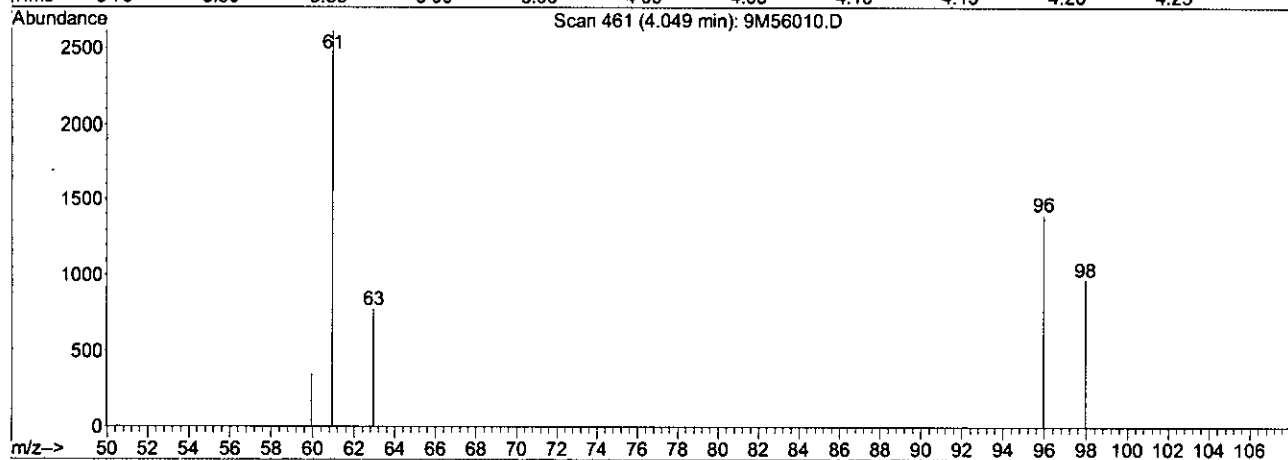
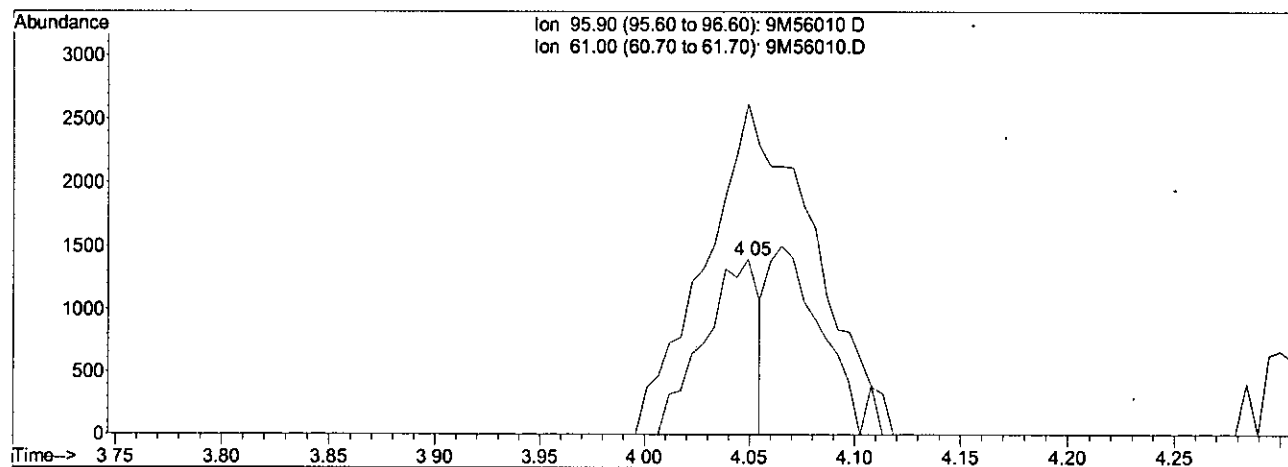
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 14:47:02 2007

Response via : Single Level Calibration



TIC: 9M56010.D

(14) 1,1-Dichloroethene (C)

4.05min 0.78ug/kg

response 2544

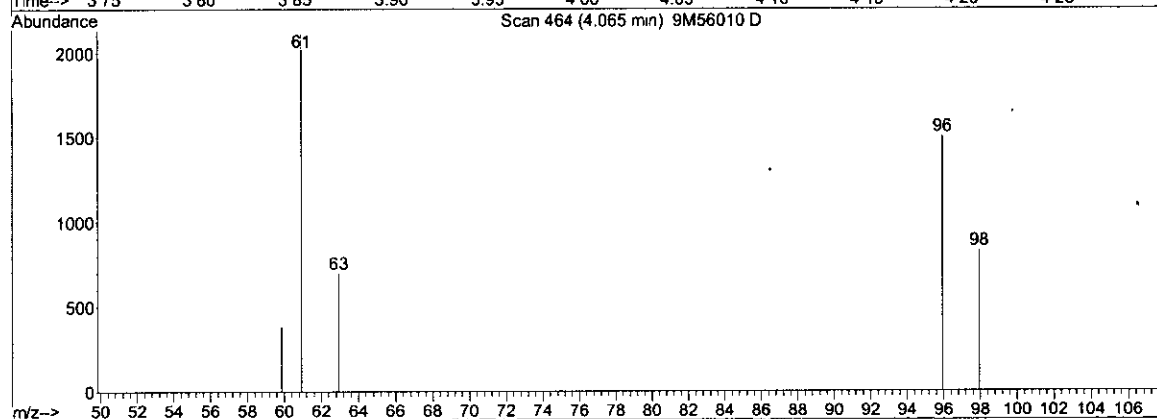
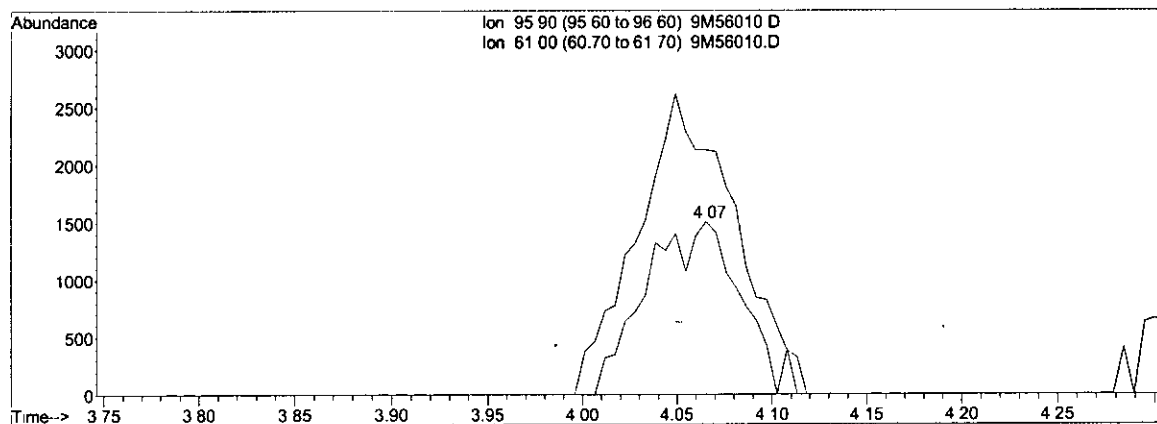
Ion	Exp%	Act%
95.90	100	100
61.00	166.50	368.79#
0.00	0.00	0.00
0.00	0.00	0.00

9M56010.D 826_SLST.M

Tue Aug 14 14:48:30 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D Vial: 4
Acq On : 14 Aug 2007 12:49 Operator: MES
Sample : WG247666-04 2 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:48 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:47:02 2007
Response via : Single Level Calibration



TIC 9M56010.D			
(14) 1,1-Dichloroethene (C)			
4.07min 157ug/kg m			
response 5138			
Ion	Exp%	Act%	
95 90	100	100	
61 00	166.50	182.60	
0 00	0.00	0.00	
0 00	0.00	0.00	

9M56010.D 826_SLST.M Tue Aug 14 14:48:37 2007

Approved: August 15, 2007	Supervisor: August 15, 2007
Reason #2. Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak	
<i>my signature</i>	<i>no. [unclear]</i>

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D

Vial: 4

Acq On : 14 Aug 2007 12:49

Operator: MES

Sample : WG247666-04 2 ug/L SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:48 2007

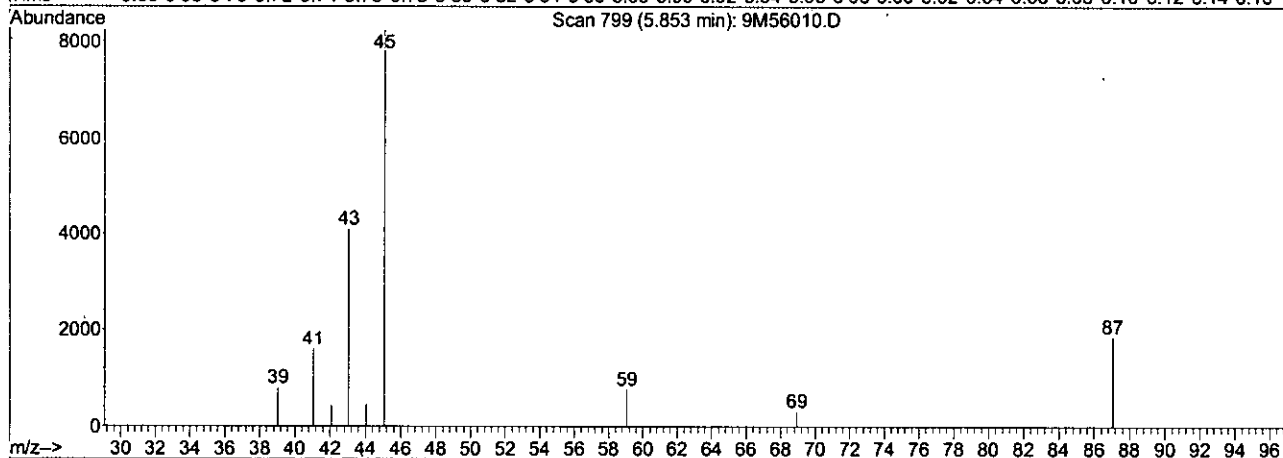
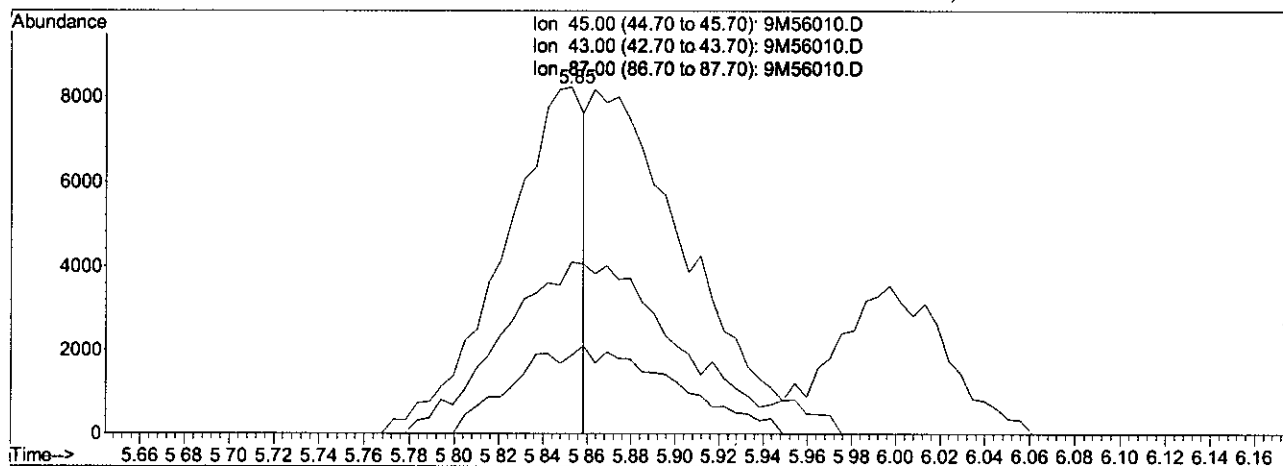
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 14:47:02 2007

Response via : Single Level Calibration



TIC: 9M56010.D

(25) Diisopropyl ether

5.85min 1.92ug/kg

response 21291

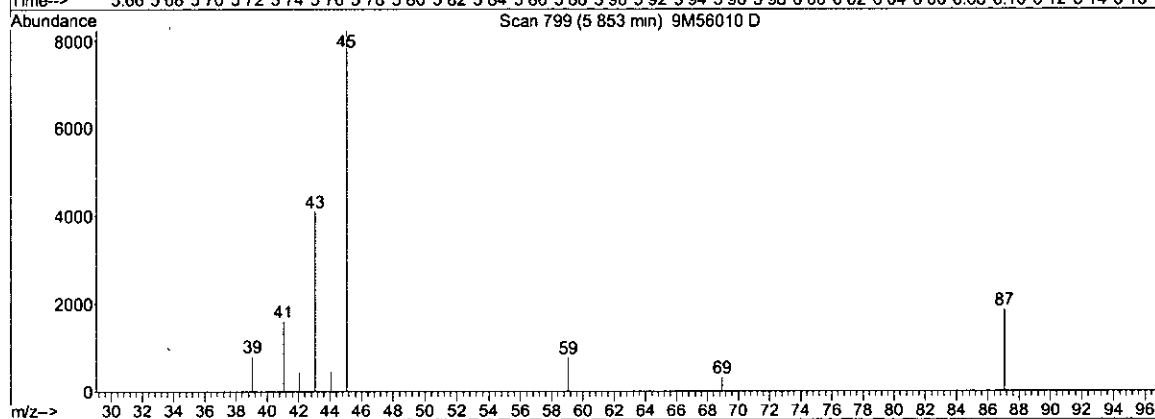
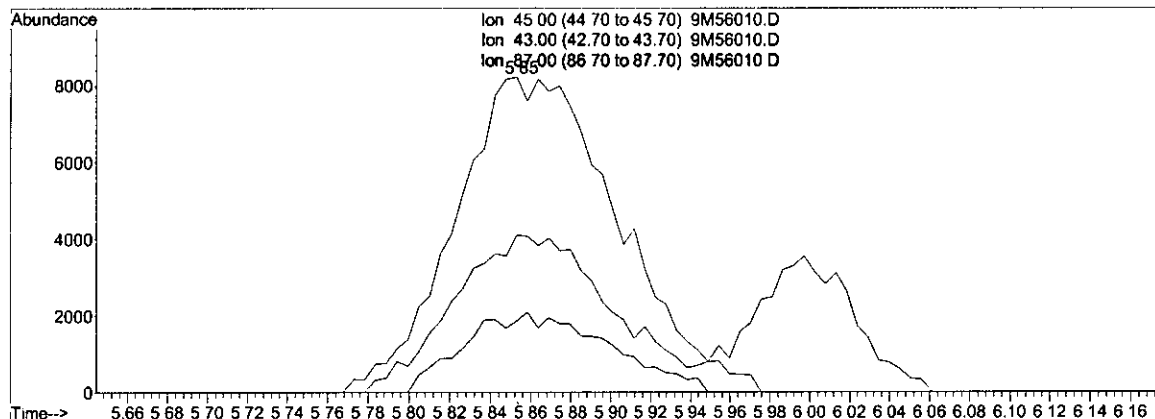
Ion	Exp%	Act%
45.00	100	100
43.00	43.60	102.68#
87.00	23.20	16.39
0 00	0.00	0.00

9M56010.D 826_SLST.M

Tue Aug 14 14:49:02 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.D Vial: 4
Acq On : 14 Aug 2007 12:49 Operator: MES
Sample : WG247666-04 2 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:49 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:47:02 2007
Response via : Single Level Calibration



TIC: 9M56010.D

(25) Diisopropyl ether

5.85min 4.17ug/kg m

response 46188

Ion	Exp%	Act%
45.00	100	100
43.00	43.60	47.33
87.00	23.20	7.55#
0.00	0.00	0.00

9M56010.D 826_SLST.M

Tue Aug 14 14:49:10 2007

Approved: August 15, 2007

Supervisor: August 15, 2007

Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak

my signature

signature

Data File : C:\MSDCHEM\1\DATA\081407\9M56011.D

Vial: 5

Acq On : 14 Aug 2007 13:19

Operator: MES

Sample : WG247666-05 5 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:25:59 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	632630	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.25	117	522190	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	283295	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	17538	5.0411	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	10.08%	
42) 1,2-Dichloroethane-d4	7.99	65	20845	5.5134	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	11.02%	
56) Toluene-d8	10.40	98	58476	4.9077	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	9.82%	
77) p-Bromofluorobenzene	13.75	95	23494	5.1048	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	10.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.76	85	21756	5.0978	ug/kg	98
3) Chloromethane	2.02	50	18421	5.0996	ug/kg	99
4) Vinyl Chloride	2.15	62	13539	5.2194	ug/kg	98
5) 1,3-Butadiene	2.18	54	12606	5.6297	ug/kg	95
6) Bromomethane	2.68	94	9732	5.1531	ug/kg	96
7) Chloroethane	2.79	64	10013	4.7996	ug/kg	99
8) Trichlorofluoromethane	3.12	101	32486	4.9443	ug/kg	98
9) Diethyl ether	3.58	59	50516	20.7692	ug/kg	98
10) Isoprene	3.59	67	23688	4.9876	ug/kg	100
11) Acrolein	3.76	56	2402	9.3338	ug/kg	87
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	16890	4.9032	ug/kg	97
13) Acetone	3.89	43	9707	5.9941	ug/kg	94
14) 1,1-Dichloroethene	4.06	96	14875	4.7561	ug/kg	93
15) Tert-Butyl Alcohol	4.27	59	14127	43.0865	ug/kg#	80
16) Dimethyl Sulfide	4.31	62	19317	4.9639	ug/kg	96
17) Iodomethane	4.53	142	22166	4.9178	ug/kg	98
18) Methyl acetate	4.66	43	12258	5.2262	ug/kg	92
19) Methylene Chloride	4.85	84	19874	4.8360	ug/kg	98
20) Carbon Disulfide	4.81	76	53202	5.0436	ug/kg	99
21) Acrylonitrile	5.04	53	5224	4.8422	ug/kg	94
22) Methyl Tert Butyl Ether	5.15	73	45299	5.2039	ug/kg	87
23) trans-1,2-Dichloroethene	5.31	96	17259	4.8337	ug/kg	95
24) n-Hexane	5.45	57	31882	5.1389	ug/kg	96
25) Diisopropyl ether	5.85	45	217146	20.4959	ug/kg	98
26) Vinyl Acetate	5.99	43	33411	4.8593	ug/kg#	84
27) 1,1-Dichloroethane	5.96	63	32792	5.1302	ug/kg	97
28) Ethyl-Tert-Butyl ether	6.44	59	195430	20.2140	ug/kg	100
29) 2-Butanone	6.62	43	8046	5.4758	ug/kg	87
30) Propionitrile	6.68	54	7754	21.4518	ug/kg#	85
31) 2,2-Dichloropropane	6.76	77	26822	4.9336	ug/kg#	71
32) cis-1,2-Dichloroethene	6.83	96	17946	4.9490	ug/kg	95
33) Chloroform	7.05	83	30945	5.0059	ug/kg	99
34) Bromochloromethane	7.25	128	9228	5.2077	ug/kg	97
35) Tetrahydrofuran	7.36	42	18487	21.6716	ug/kg	97
37) 1,1,1-Trichloroethane	7.58	97	29429	4.9811	ug/kg	99
38) Cyclohexane	7.61	56	34440	5.0965	ug/kg	99
39) 1,1-Dichloropropene	7.79	75	23196	4.8989	ug/kg	92
40) Carbon Tetrachloride	7.92	117	23649	4.6615	ug/kg	100
41) Tert-Amyl-Methyl ether	7.97	73	156250	20.2755	ug/kg	96
43) 1,2-Dichloroethane	8.11	62	24924	5.2498	ug/kg	98

(#)= qualifier out of range (m) = manual integration

9M56011.D 826_SLST.M Wed Aug 15 16:22:27 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\081407\9M56011.D

Vial: 5

Acq On : 14 Aug 2007 13:19

Operator: MES

Sample : WG247666-05 5 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 17:25:59 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	65434	4.9857	ug/kg	100
45) Trichloroethene	8.91	130	19827	4.8979	ug/kg	99
46) Methylcyclohexane	9.00	83	29406	4.8764	ug/kg	97
47) 1,2-Dichloropropane	9.13	63	15882	5.1315	ug/kg	96
48) Bromodichloromethane	9.42	83	20052	4.8866	ug/kg	97
50) Dibromomethane	9.48	93	10132	5.3198	ug/kg	98
51) 2-Chloroethyl Vinyl Ether	9.81	63	5050	4.1784	ug/kg	92
52) 4-Methyl-2-Pentanone	9.86	58	5269	4.8315	ug/kg	95
53) cis-1,3-Dichloropropene	10.10	75	23535	4.9120	ug/kg	100
54) Dimethyl Disulfide	10.32	79	7871	4.9192	ug/kg	97
57) Toluene	10.50	91	71672	5.0278	ug/kg	96
58) Ethyl Methacrylate	10.71	69	16009	4.7287	ug/kg	96
59) trans-1,3-Dichloropropene	10.71	75	22626	4.9904	ug/kg	97
60) 1,1,2-Trichloroethane	10.91	97	13767	5.2764	ug/kg	99
61) 2-Hexanone	10.93	43	10139	4.9037	ug/kg	93
62) 1,3-Dichloropropane	11.21	76	23008	5.1854	ug/kg	96
63) Tetrachloroethene	11.30	164	15523	4.9777	ug/kg	100
64) Dibromochloromethane	11.54	129	15353	4.7910	ug/kg	98
65) 1,2-Dibromoethane	11.79	107	14056	5.2651	ug/kg	98
66) 1-Chlorohexane	11.99	91	22714	4.9449	ug/kg	96
67) Chlorobenzene	12.31	112	50583	5.0358	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	16944	5.0170	ug/kg	99
69) Ethylbenzene	12.36	106	24930	4.8438	ug/kg	94
70) m-,p-Xylene	12.46	106	62268	10.0497	ug/kg	96
71) o-Xylene	13.00	106	28187	4.9046	ug/kg	96
72) Styrene	13.04	104	44443	4.8495	ug/kg	97
73) Bromoform	13.46	173	8692	4.5934	ug/kg	98
74) Isopropylbenzene	13.44	105	74844	4.9668	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	14825	5.3168	ug/kg	98
78) 1,2,3-Trichloropropane	13.83	110	5687	5.4443	ug/kg	98
79) trans-1,4-Dichloro-2-Butene	13.91	53	5703	4.7592	ug/kg	89
80) n-Propylbenzene	13.94	91	91926	4.9444	ug/kg	99
81) Bromobenzene	14.00	156	20918	5.1279	ug/kg	96
82) 1,3,5-Trimethylbenzene	14.14	105	62292	4.9532	ug/kg	98
83) 2-Chlorotoluene	14.17	91	66256	5.1794	ug/kg	96
84) 4-Chlorotoluene	14.22	91	57308	4.9617	ug/kg	97
85) a-Methylstyrene	14.53	118	31862	4.2254	ug/kg	95
86) tert-Butylbenzene	14.58	134	14302	4.9445	ug/kg	93
87) 1,2,4-Trimethylbenzene	14.63	105	67552	5.0724	ug/kg	89
88) sec-Butylbenzene	14.84	105	84274	4.9910	ug/kg	99
89) p-Isopropyltoluene	15.02	119	72596	4.9520	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	40247	5.0972	ug/kg	98
91) 1,4-Dichlorobenzene	15.28	146	41186	5.0258	ug/kg	87
92) n-Butylbenzene	15.53	91	64472	4.9305	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	36681	5.0858	ug/kg	99
94) 1,2-Dibromo-3-Chloropropan	16.72	157	2946	4.4326	ug/kg	95
95) 1,2,4-Trichlorobenzene	17.84	180	23749	4.9363	ug/kg	99
96) Hexachlorobutadiene	18.02	225	12942	5.1466	ug/kg	97
97) Naphthalene	18.17	128	53199	4.9965	ug/kg	98
98) 1,2,3-Trichlorobenzene	18.49	180	22891	5.1660	ug/kg	98

(#) = qualifier out of range (m) = manual integration
9M56011.D 826_SLST.M Wed Aug 15 16:22:30 2007

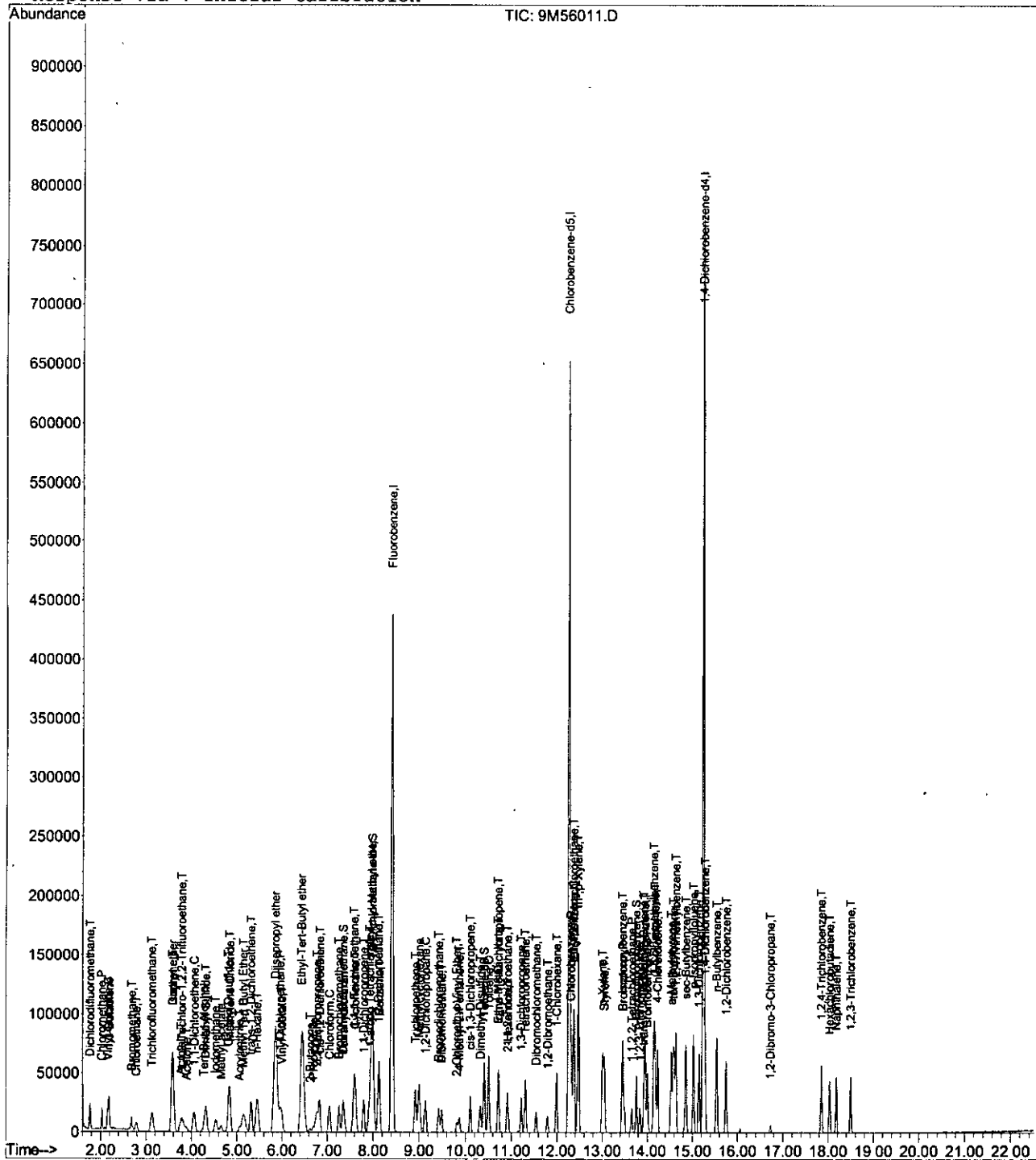
Page 2

Data File : C:\MSDCHEM\1\DATA\081407\9M56011.D
Acq On : 14 Aug 2007 13:19
Sample : WG247666-05 5 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:26 2007

Vial: 5
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration



9M56011.D 826_SLST.M Wed Aug 15 16:22:38 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D
 Acq On : 14 Aug 2007 13:51
 Sample : WG247666-06 10 ug/Kg SOIL STD 8260
 Misc : 7,1 STD21325
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 14:13:32 2007

Vial: 6
 Operator: MES
 Inst : HPMS9
 Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 12:07:09 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	646514	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	531334	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	291289	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	35060	10.0858	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	20.18%	
42) 1,2-Dichloroethane-d4	7.99	65	38457	10.6078	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	21.22%	
56) Toluene-d8	10.40	98	119652	9.9151	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	19.84%	
77) p-Bromofluorobenzene	13.76	95	46710	9.9763	ug/kg	0.00
Spiked Amount 50.000			Recovery	=	19.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.76	85	44501	12.6967	ug/kg	99
3) Chloromethane	2.02	50	36719	14.3590	ug/kg	98
4) Vinyl Chloride	2.15	62	25395	15.8625	ug/kg	99
5) 1,3-Butadiene	2.18	54	17482	16.1377	ug/kg	96
6) Bromomethane	2.68	94	19522	13.0339	ug/kg	96
7) Chloroethane	2.79	64	21370	11.1221	ug/kg	100
8) Trichlorofluoromethane	3.12	101	67683	10.9690	ug/kg	98
9) Diethyl ether	3.57	59	134507	48.2702	ug/kg	97
10) Isoprene	3.58	67	47727	9.1412	ug/kg	97
11) Acrolein	3.75	56	5367	26.4277	ug/kg	100
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	35621	10.4055	ug/kg	99
13) Acetone	3.88	43	14059	10.6747	ug/kg	88
14) 1,1-Dichloroethene	4.05	96	31107	9.0700	ug/kg	93
15) Tert-Butyl Alcohol	4.26	59	34540m	73.8883	ug/kg	
16) Dimethyl Sulfide	4.31	62	39469	8.8766	ug/kg	95
17) Iodomethane	4.53	142	45188	14.2704	ug/kg	91
18) Methyl acetate	4.65	43	24703	6.8417	ug/kg#	75
19) Methylene Chloride	4.84	84	39027	11.2538	ug/kg	97
20) Carbon Disulfide	4.81	76	102702	9.1449	ug/kg	100
21) Acrylonitrile	5.06	53	10815	7.8728	ug/kg	95
22) Methyl Tert Butyl Ether	5.15	73	87750	9.6004	ug/kg	94
23) trans-1,2-Dichloroethene	5.31	96	35075	9.3385	ug/kg	94
24) n-Hexane	5.45	57	56608	8.8304	ug/kg	100
25) Diisopropyl ether	5.85	45	591413	51.0719	ug/kg	97
26) Vinyl Acetate	6.00	43	74080	16.4914	ug/kg	97
27) 1,1-Dichloroethane	5.96	63	64311	9.6866	ug/kg	100
28) Ethyl-Tert-Butyl ether	6.44	59	533003	49.3337	ug/kg	99
29) 2-Butanone	6.61	43	16062	8.7055	ug/kg	94
30) Propionitrile	6.69	54	20087	40.9634	ug/kg	96
31) 2,2-Dichloropropane	6.77	77	54260	9.5958	ug/kg	97
32) cis-1,2-Dichloroethene	6.82	96	35963	9.3840	ug/kg	96
33) Chloroform	7.05	83	62326	10.7004	ug/kg	100
34) Bromochloromethane	7.25	128	17938	9.8864	ug/kg	98
35) Tetrahydrofuran	7.34	42	46884	41.7320	ug/kg	99
37) 1,1,1-Trichloroethane	7.58	97	59656	10.5062	ug/kg	99
38) Cyclohexane	7.60	56	65813	9.0779	ug/kg	97
39) 1,1-Dichloropropene	7.79	75	47219	9.5154	ug/kg	97
40) Carbon Tetrachloride	7.91	117	49487	10.0505	ug/kg	99
41) Tert-Amyl-Methyl ether	7.97	73	424462	49.8985	ug/kg	96
43) 1,2-Dichloroethane	8.12	62	49332	10.9709	ug/kg	95

(#) = qualifier out of range (m) = manual integration
 9M56012.D 826_SLST.M Wed Aug 15 16:22:46 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D

Vial: 6

Acq On : 14 Aug 2007 13:51

Operator: MES

Sample : WG247666-06 10 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:13:32 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 12:07:09 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	132547	9.5870	ug/kg	99
45) Trichloroethene	8.92	130	39948	9.8245	ug/kg	98
46) Methylcyclohexane	9.00	83	58660	9.2097	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	30747	8.6788	ug/kg	87
48) Bromodichloromethane	9.42	83	41393	10.1261	ug/kg	100
49) 1,4-Dioxane	9.49	88	1819m	53.4754	ug/kg	
50) Dibromomethane	9.49	93	19953	10.2045	ug/kg	98
51) 2-Chloroethyl Vinyl Ether	9.81	63	10821	6.5408	ug/kg	93
52) 4-Methyl-2-Pentanone	9.86	58	10844	7.8367	ug/kg	97
53) cis-1,3-Dichloropropene	10.10	75	48434	8.9409	ug/kg	97
54) Dimethyl Disulfide	10.31	79	19153	6.2504	ug/kg	100
57) Toluene	10.50	91	143297	9.8383	ug/kg	97
58) Ethyl Methacrylate	10.70	69	34248	9.1876	ug/kg	97
59) trans-1,3-Dichloropropene	10.71	75	46688	10.1312	ug/kg	96
60) 1,1,2-Trichloroethane	10.91	97	27062	10.3943	ug/kg	99
61) 2-Hexanone	10.93	43	21872	9.1963	ug/kg	90
62) 1,3-Dichloropropane	11.22	76	45500	10.3452	ug/kg	98
63) Tetrachloroethene	11.30	164	30586	10.8086	ug/kg	100
64) Dibromochloromethane	11.54	129	31988	10.6638	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	27310	10.2545	ug/kg	98
66) 1-Chlorohexane	11.99	91	45338	9.3024	ug/kg	97
67) Chlorobenzene	12.30	112	101298	10.3059	ug/kg	98
68) 1,1,1,2-Tetrachloroethane	12.36	131	35032	11.1824	ug/kg	98
69) Ethylbenzene	12.36	106	52348	9.9119	ug/kg	95
70) m-,p-Xylene	12.46	106	125789	19.6204	ug/kg	93
71) o-Xylene	13.00	106	58998	9.5912	ug/kg	96
72) Styrene	13.05	104	94385	9.1953	ug/kg	94
73) Bromoform	13.46	173	17608	10.8218	ug/kg	97
74) Isopropylbenzene	13.44	105	153850	9.9687	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	28991	9.2184	ug/kg	98
78) 1,2,3-Trichloropropane	13.83	110	10894	10.3983	ug/kg	95
79) trans-1,4-Dichloro-2-Buten	13.92	53	11733	9.0799	ug/kg	92
80) n-Propylbenzene	13.94	91	190232	9.7793	ug/kg	98
81) Bromobenzene	14.00	156	41435	10.1507	ug/kg	97
82) 1,3,5-Trimethylbenzene	14.14	105	129783	9.6015	ug/kg	96
83) 2-Chlorotoluene	14.16	91	129232	10.0543	ug/kg	96
84) 4-Chlorotoluene	14.23	91	117830	10.0696	ug/kg	99
85) a-Methylstyrene	14.52	118	70556	8.6860	ug/kg	99
86) tert-Butylbenzene	14.58	134	29669	9.5923	ug/kg	96
87) 1,2,4-Trimethylbenzene	14.63	105	136364	9.8302	ug/kg	98
88) sec-Butylbenzene	14.85	105	172112	9.8159	ug/kg	99
89) p-Isopropyltoluene	15.02	119	149820	9.5999	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	80426	10.0619	ug/kg	99
91) 1,4-Dichlorobenzene	15.27	146	80171	9.8074	ug/kg	93
92) n-Butylbenzene	15.53	91	133592	9.8239	ug/kg	97
93) 1,2-Dichlorobenzene	15.74	146	73297	10.1312	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.72	157	6195	8.5234	ug/kg	92
95) 1,2,4-Trichlorobenzene	17.84	180	48809	9.8870	ug/kg	98
96) Hexachlorobutadiene	18.03	225	26210	11.4202	ug/kg	97
97) Naphthalene	18.17	128	107752	9.0620	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	45933	10.3789	ug/kg	98

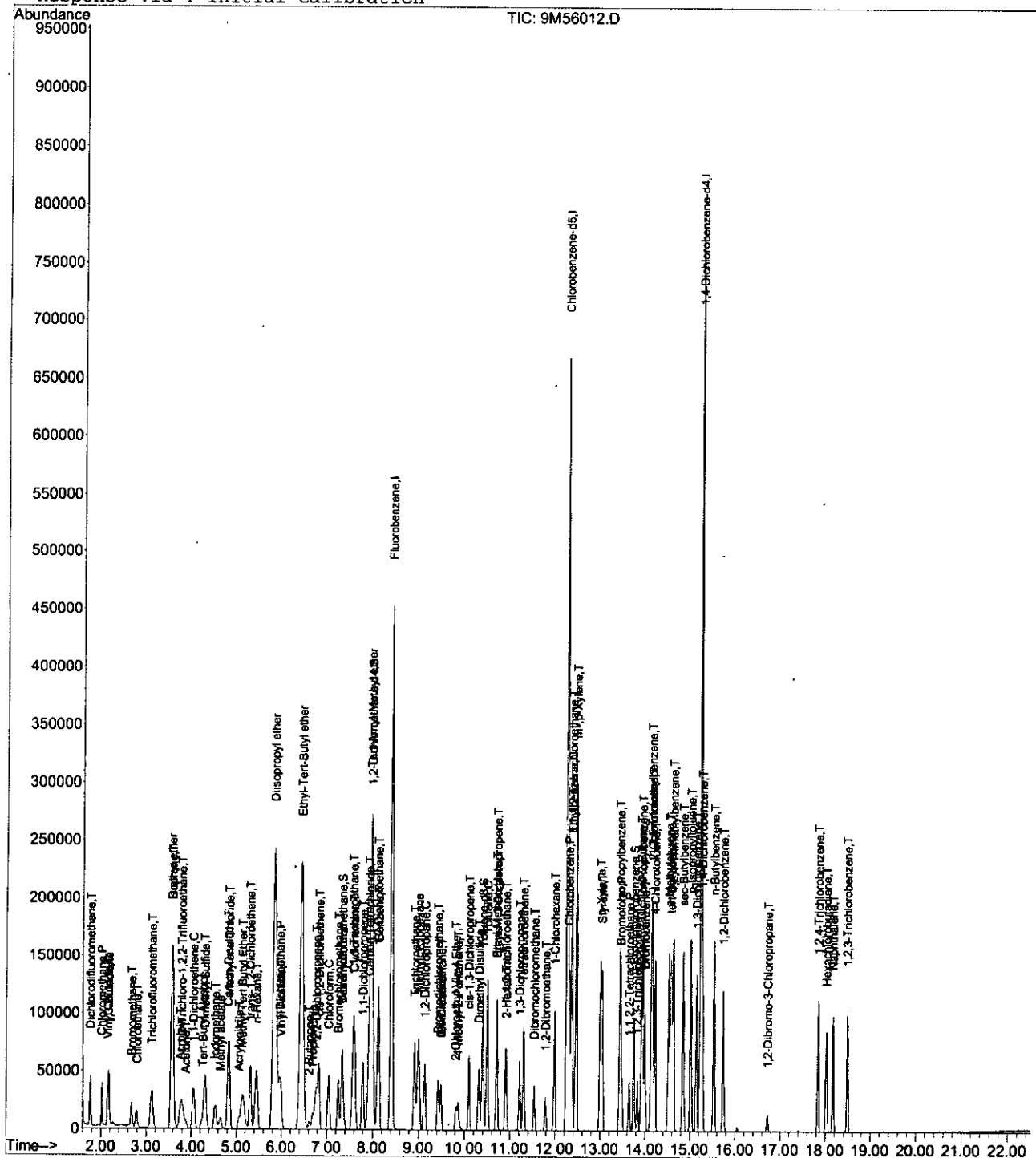
(#) = qualifier out of range (m) = manual integration
9M56012.D 826_SLST.M Wed Aug 15 16:22:49 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D
Acq On : 14 Aug 2007 13:51
Sample : WG247666-06 10 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:00 2007

Vial: 6
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration



9M56012.D 826_SLST.M Wed Aug 15 16:22:58 2007

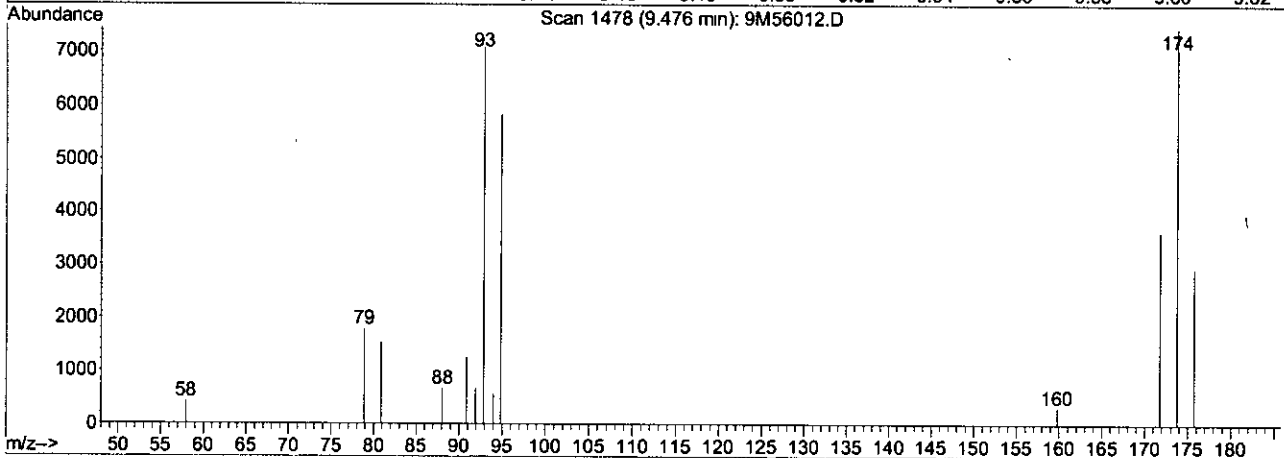
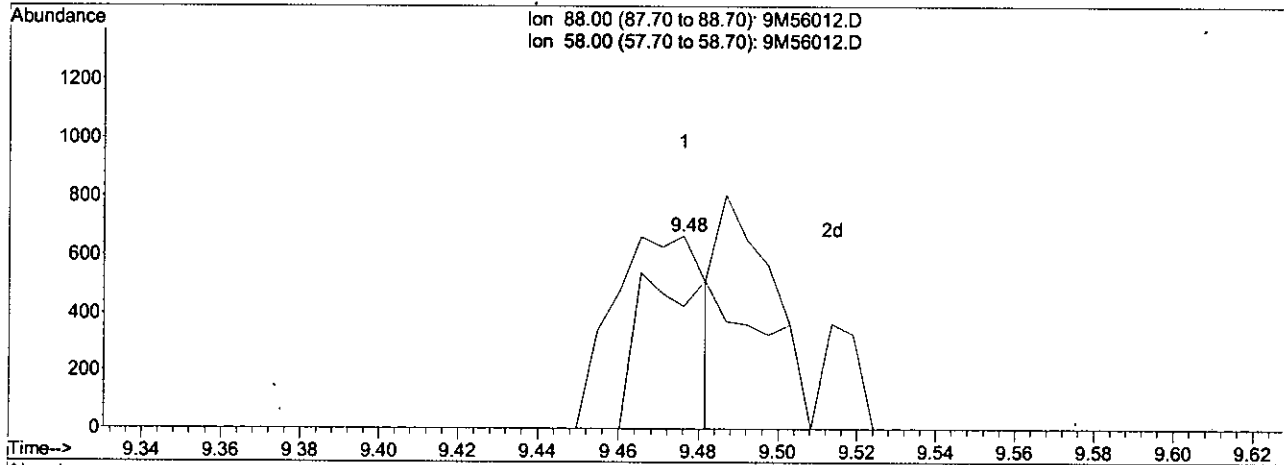
Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D
Acq On : 14 Aug 2007 13:51
Sample : WG247666-06 10 ug/L SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:13 2007

Vial: 6
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:55:42 2007
Response via : Single Level Calibration



TIC: 9M56012.D

(49) 1,4-Dioxane

9.48min 30.96ug/kg

response 1053

Ion	Exp%	Act%
88.00	100	100
58.00	69.80	102.56#
0.00	0.00	0.00
0.00	0.00	0.00

9M56012.D 826_SLST.M

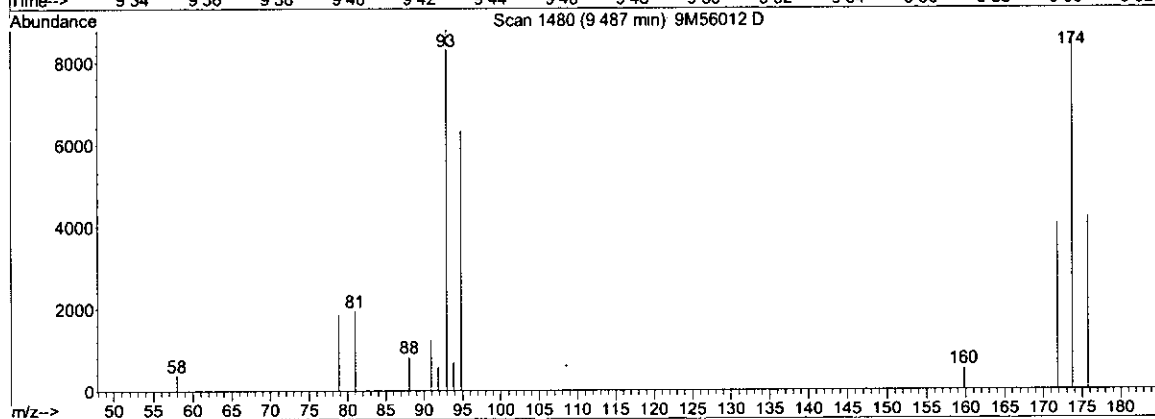
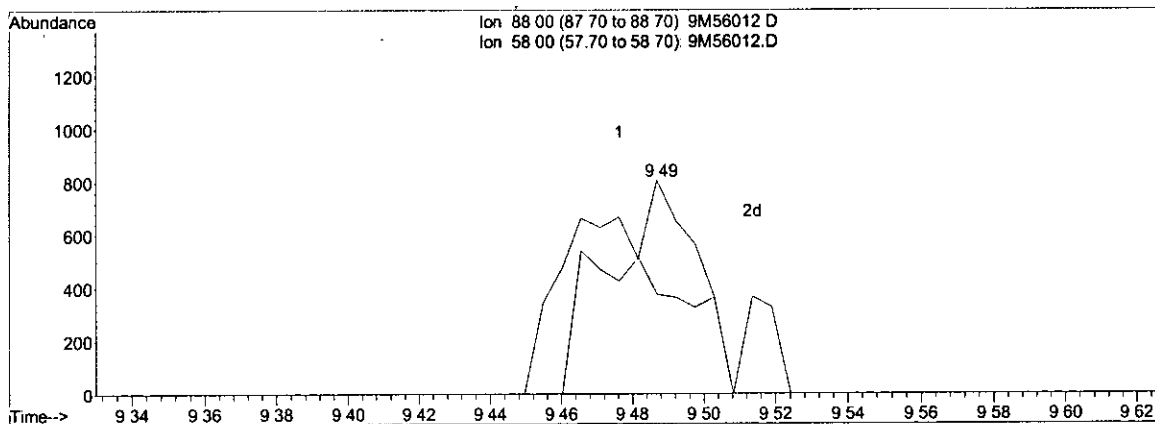
Tue Aug 14 14:56:52 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D
Acq On : 14 Aug 2007 13:51
Sample : WG247666-06 10 ug/L SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:56 2007

Vial: 6
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:55:42 2007
Response via : Single Level Calibration



TIC 9M56012.D

(49) 1,4-Dioxane

9.49min 53.48ug/kg m

response 1819

Ion	Exp%	Act%
88 00	100	100
58 00	69.80	59.37
0 00	0.00	0.00
0 00	0.00	0.00

9M56012.D 826_SLST.M

Tue Aug 14 14:57:00 2007

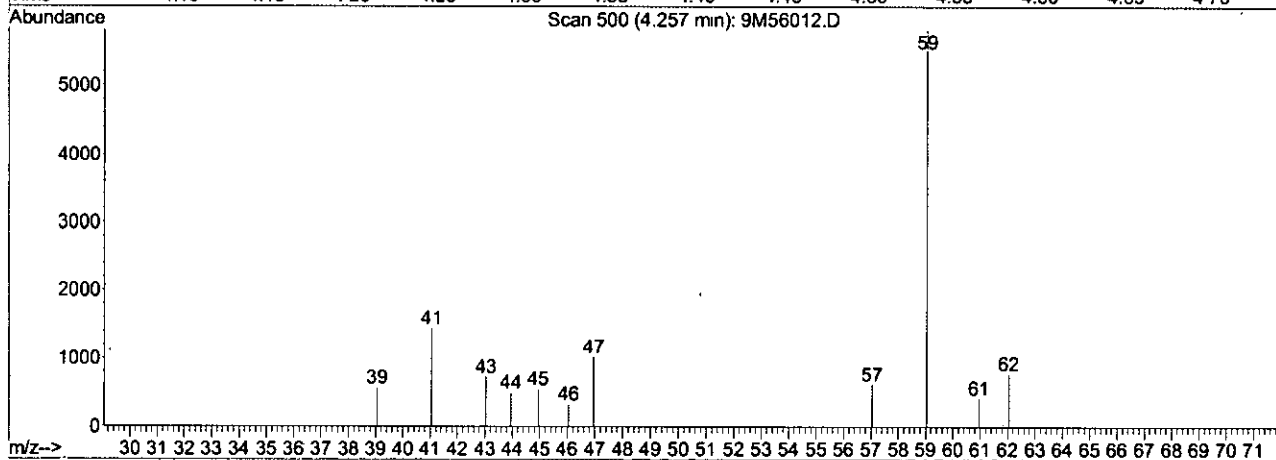
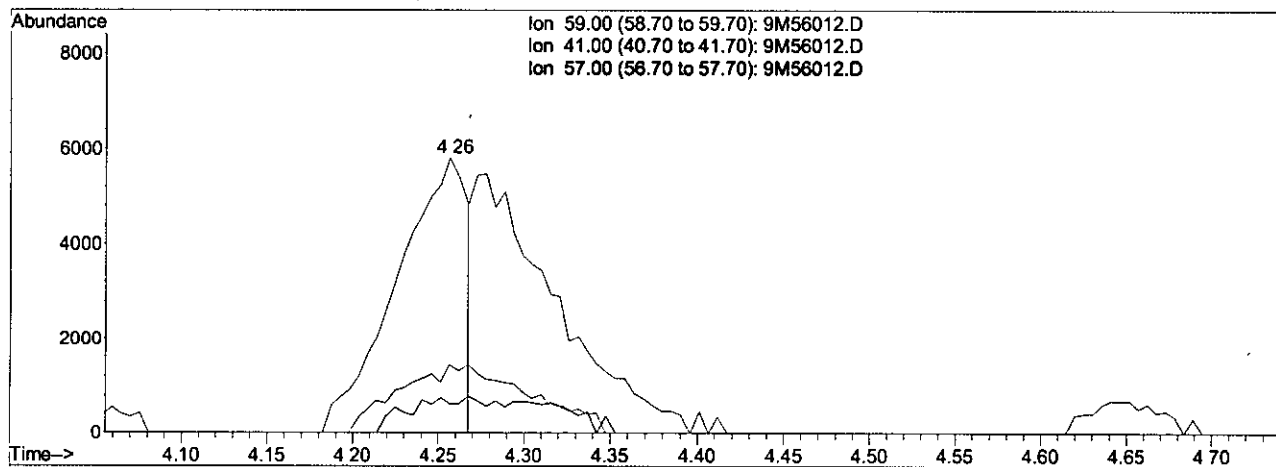
Approved: August 15, 2007	Supervisor: August 15, 2007
Reason #2 Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak	
<i>[Signature]</i>	<i>[Signature]</i>

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D
Acq On : 14 Aug 2007 13:51
Sample : WG247666-06 10 ug/L SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:56 2007

Vial: 6
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 16:55:12 2007
Response via : Single Level Calibration



TIC: 9M56012.D

(15) Tert-Butyl Alcohol

4.26min 35.60ug/kg

response 16641

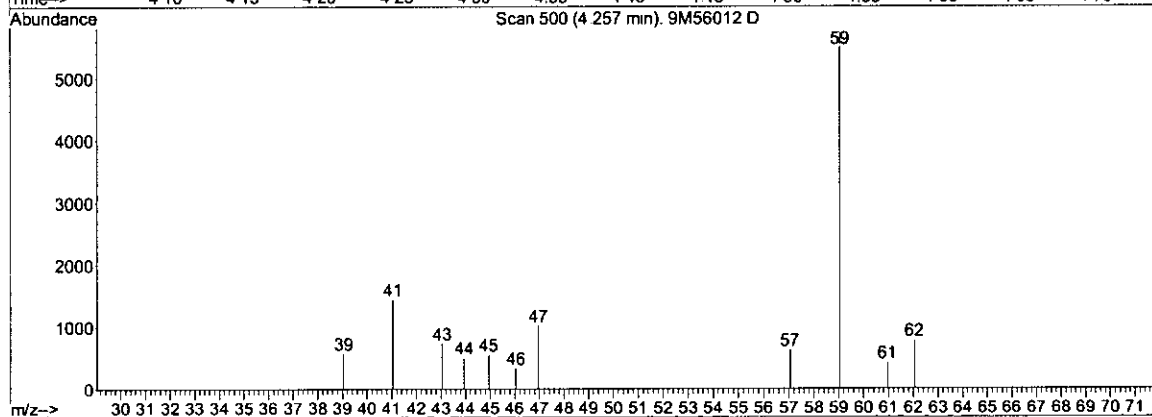
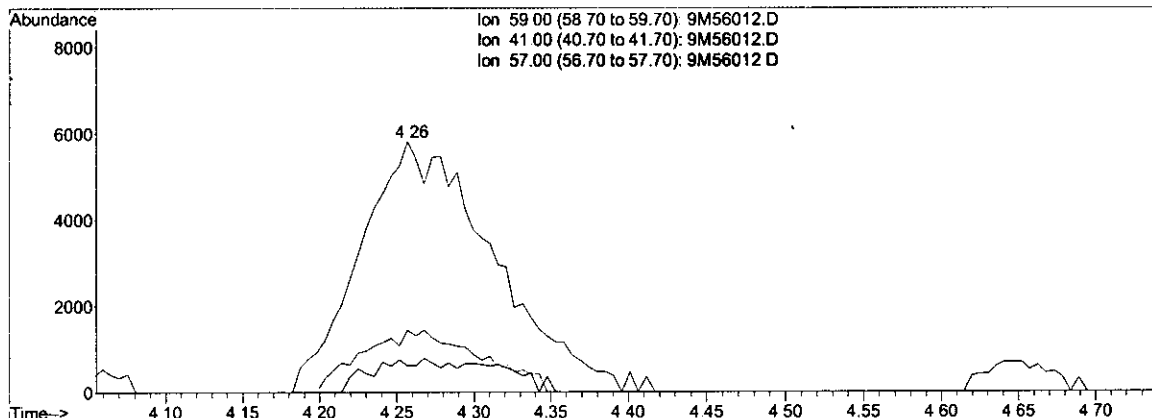
Ion	Exp%	Act%
59.00	100	100
41.00	18.20	45.62#
57.00	15.70	8.39#
0.00	0.00	0.00

9M56012.D 826_SLST.M

Tue Aug 14 17:00:39 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56012.D Vial: 6
Acq On : 14 Aug 2007 13:51 Operator: MES
Sample : WG247666-06 10 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:00 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 16:55:12 2007
Response via : Single Level Calibration



TIC: 9M56012.D

(15) Tert-Butyl Alcohol

4.26min 73.89ug/kg m

response 34540

Ion	Exp%	Act%
59.00	100	100
41.00	18.20	21.98
57.00	15.70	4.04#
0.00	0.00	0.00

9M56012.D 826_SLST.M

Tue Aug 14 17:00:47 2007

Approved: August 15, 2007

Supervisor: August 15, 2007

Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak

*Mary Sullivan**Non-Cut*

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D

Vial: 7

Acq On : 14 Aug 2007 14:22

Operator: MES

Sample : WG247666-07 20 ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21325

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 14:44:50 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 12:07:09 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	639294	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	519181	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	282399	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.34	111	74793	21.7588	ug/kg	0.00
Spiked Amount			Recovery	=	43.52%	
42) 1,2-Dichloroethane-d4	7.99	65	80081	22.3386	ug/kg	0.00
Spiked Amount			Recovery	=	44.68%	
56) Toluene-d8	10.40	98	258108	21.8890	ug/kg	0.00
Spiked Amount			Recovery	=	43.78%	
77) p-Bromofluorobenzene	13.76	95	97348	21.4461	ug/kg	0.00
Spiked Amount			Recovery	=	42.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.76	85	96477	27.8371	ug/kg 99
3) Chloromethane	2.03	50	77875	30.7970	ug/kg 100
4) Vinyl Chloride	2.15	62	55767	35.2271	ug/kg 99
5) 1,3-Butadiene	2.17	54	31778	29.6657	ug/kg 95
6) Bromomethane	2.68	94	40211	27.1501	ug/kg 98
7) Chloroethane	2.78	64	47599	25.0528	ug/kg 100
8) Trichlorofluoromethane	3.12	101	148068	24.2675	ug/kg 100
9) Diethyl ether	3.57	59	191930	69.6553	ug/kg 97
10) Isoprene	3.58	67	103926	20.1299	ug/kg 99
11) Acrolein	3.76	56	9371	46.6649	ug/kg 98
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	78301m	23.1314	ug/kg
13) Acetone	3.88	43	22443	17.2330	ug/kg 94
14) 1,1-Dichloroethene	4.05	96	68490	20.1954	ug/kg 95
15) Tert-Butyl Alcohol	4.25	59	47791	103.3896	ug/kg# 82
16) Dimethyl Sulfide	4.31	62	81189	18.4657	ug/kg 94
17) Iodomethane	4.53	142	96299	30.7548	ug/kg 94
18) Methyl acetate	4.65	43	45670	12.7915	ug/kg 97
19) Methylene Chloride	4.84	84	71004	20.7059	ug/kg 97
20) Carbon Disulfide	4.82	76	223592	20.1341	ug/kg 100
21) Acrylonitrile	5.06	53	21781	16.0347	ug/kg 98
22) Methyl Tert Butyl Ether	5.13	73	176083	19.4823	ug/kg 96
23) trans-1,2-Dichloroethene	5.31	96	76350	20.5573	ug/kg 99
24) n-Hexane	5.44	57	128903	20.3350	ug/kg 100
25) Diisopropyl ether	5.85	45	864331	75.4829	ug/kg 98
26) Vinyl Acetate	6.00	43	139377	31.3780	ug/kg 99
27) 1,1-Dichloroethane	5.96	63	134603	20.5030	ug/kg 99
28) Ethyl-Tert-Butyl ether	6.43	59	767752	71.8642	ug/kg 99
29) 2-Butanone	6.61	43	29863	16.3683	ug/kg 95
30) Propionitrile	6.68	54	28052	57.8524	ug/kg 97
31) 2,2-Dichloropropane	6.77	77	118660	21.2219	ug/kg 96
32) cis-1,2-Dichloroethene	6.83	96	77229	20.3793	ug/kg 98
33) Chloroform	7.04	83	130336	22.6294	ug/kg 99
34) Bromochloromethane	7.26	128	37540	20.9236	ug/kg 96
35) Tetrahydrofuran	7.34	42	64114	57.7131	ug/kg 99
37) 1,1,1-Trichloroethane	7.58	97	129329	23.0337	ug/kg 100
38) Cyclohexane	7.60	56	145248	20.2609	ug/kg 97
39) 1,1-Dichloropropene	7.79	75	102455	20.8795	ug/kg 97
40) Carbon Tetrachloride	7.91	117	112791	23.1657	ug/kg 100
41) Tert-Amyl-Methyl ether	7.97	73	616606	73.3051	ug/kg 97
43) 1,2-Dichloroethane	8.11	62	97816	21.9990	ug/kg 97

(#) = qualifier out of range (m) = manual integration
 9M56013.D 826_SLST.M Wed Aug 15 16:23:06 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D
Acq On : 14 Aug 2007 14:22
Sample : WG247666-07 20 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:44:50 2007

Vial: 7
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 12:07:09 2007
Response via : Initial Calibration
DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	277331	20.2857	ug/kg	99
45) Trichloroethene	8.92	130	86385	21.4847	ug/kg	100
46) Methylcyclohexane	8.99	83	132920	21.1043	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	65763	18.7723	ug/kg	89
48) Bromodichloromethane	9.42	83	87611	21.6746	ug/kg	100
49) 1,4-Dioxane	9.48	88	2945	87.5557	ug/kg	94
50) Dibromomethane	9.49	93	40961	21.1852	ug/kg	97
51) 2-Chloroethyl Vinyl Ether	9.81	63	24080	14.7196	ug/kg	97
52) 4-Methyl-2-Pentanone	9.85	58	21972	16.0579	ug/kg	99
53) cis-1,3-Dichloropropene	10.10	75	103271	19.2791	ug/kg	98
54) Dimethyl Disulfide	10.31	79	46789	15.4416	ug/kg	99
57) Toluene	10.49	91	302742	21.2718	ug/kg	98
58) Ethyl Methacrylate	10.71	69	72509	19.9071	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	98322	21.8352	ug/kg	96
60) 1,1,2-Trichloroethane	10.91	97	53720	21.1164	ug/kg	98
61) 2-Hexanone	10.92	43	41727	17.9552	ug/kg	87
62) 1,3-Dichloropropane	11.22	76	90180	20.9838	ug/kg	98
63) Tetrachloroethene	11.30	164	64846	23.4519	ug/kg	98
64) Dibromochloromethane	11.54	129	67726	23.1061	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	55558	21.3495	ug/kg	99
66) 1-Chlorohexane	11.99	91	102018	21.4220	ug/kg	99
67) Chlorobenzene	12.30	112	204989	21.3434	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	72860	23.8018	ug/kg	99
69) Ethylbenzene	12.37	106	111138	21.5362	ug/kg	95
70) m-,p-Xylene	12.46	106	267461	42.6948	ug/kg	95
71) o-Xylene	13.00	106	125084	20.8106	ug/kg	95
72) Styrene	13.04	104	200390	19.9797	ug/kg	95
73) Bromoform	13.46	173	37303	23.4630	ug/kg	98
74) Isopropylbenzene	13.44	105	327642	21.7265	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	57588	18.8880	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	21428	21.0968	ug/kg	94
79) trans-1,4-Dichloro-2-Buten	13.91	53	25846	20.6313	ug/kg	93
80) n-Propylbenzene	13.94	91	406988	21.5809	ug/kg	98
81) Bromobenzene	14.00	156	84943	21.4644	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	276110	21.0701	ug/kg	96
83) 2-Chlorotoluene	14.17	91	266176	21.3604	ug/kg	96
84) 4-Chlorotoluene	14.22	91	246161	21.6989	ug/kg	99
85) a-Methylstyrene	14.52	118	162632	20.6514	ug/kg	99
86) tert-Butylbenzene	14.58	134	62716	20.9150	ug/kg	96
87) 1,2,4-Trimethylbenzene	14.63	105	282791	21.0276	ug/kg	98
88) sec-Butylbenzene	14.85	105	366613	21.5670	ug/kg	99
89) p-Isopropyltoluene	15.02	119	317830	21.0065	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	161676	20.8636	ug/kg	99
91) 1,4-Dichlorobenzene	15.28	146	163360	20.6130	ug/kg	98
92) n-Butylbenzene	15.53	91	280437	21.2715	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	146664	20.9103	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.72	157	12392	17.5862	ug/kg	91
95) 1,2,4-Trichlorobenzene	17.84	180	97909	20.4572	ug/kg	97
96) Hexachlorobutadiene	18.02	225	52180	23.4516	ug/kg	97
97) Naphthalene	18.17	128	212332	18.4193	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	89003	20.7440	ug/kg	98

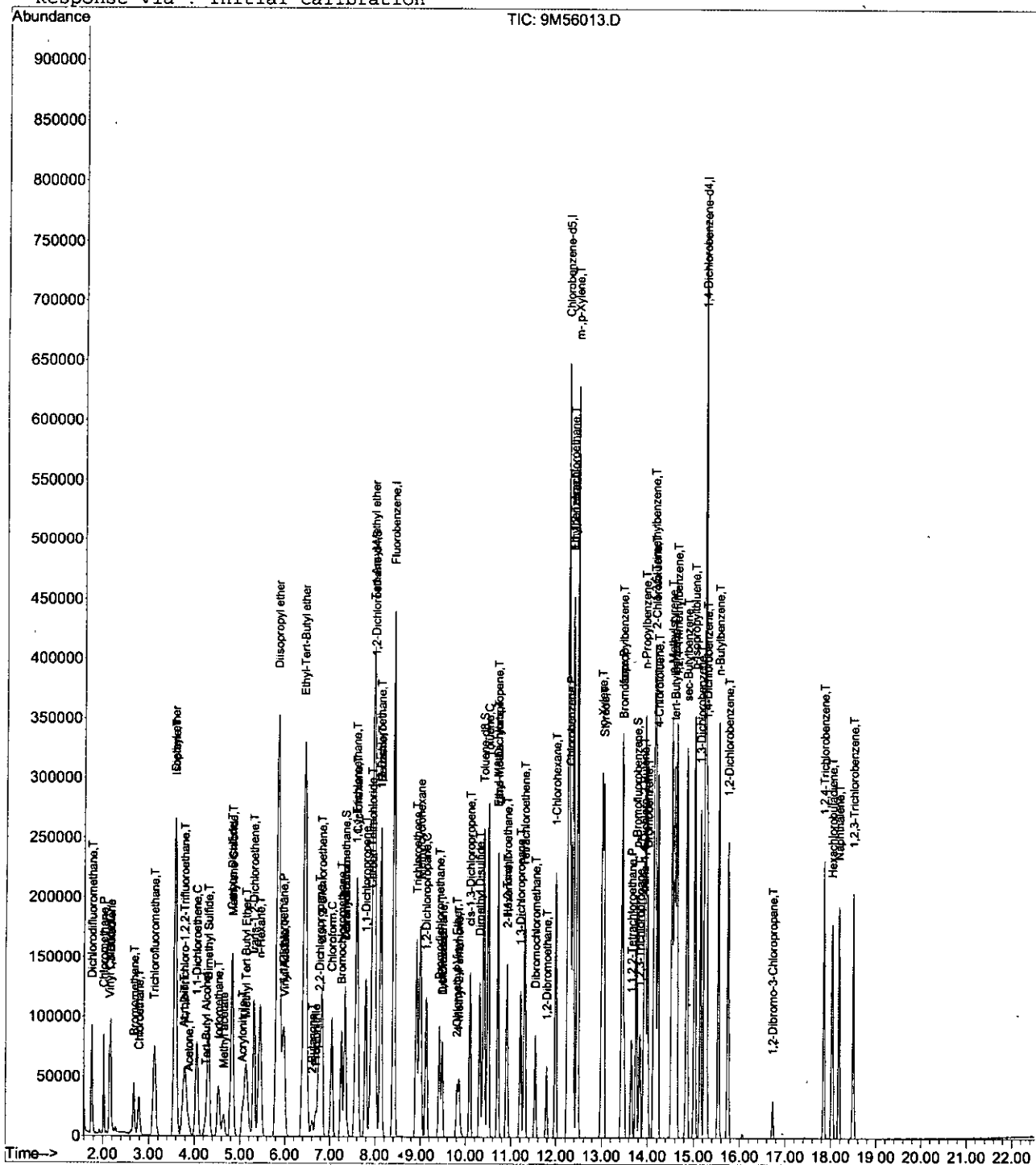
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9M56013.D 826_SLST.M Wed Aug 15 16:23:09 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D
Acq On : 14 Aug 2007 14:22
Sample : WG247666-07 20 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:55 2007

Vial: 7
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration

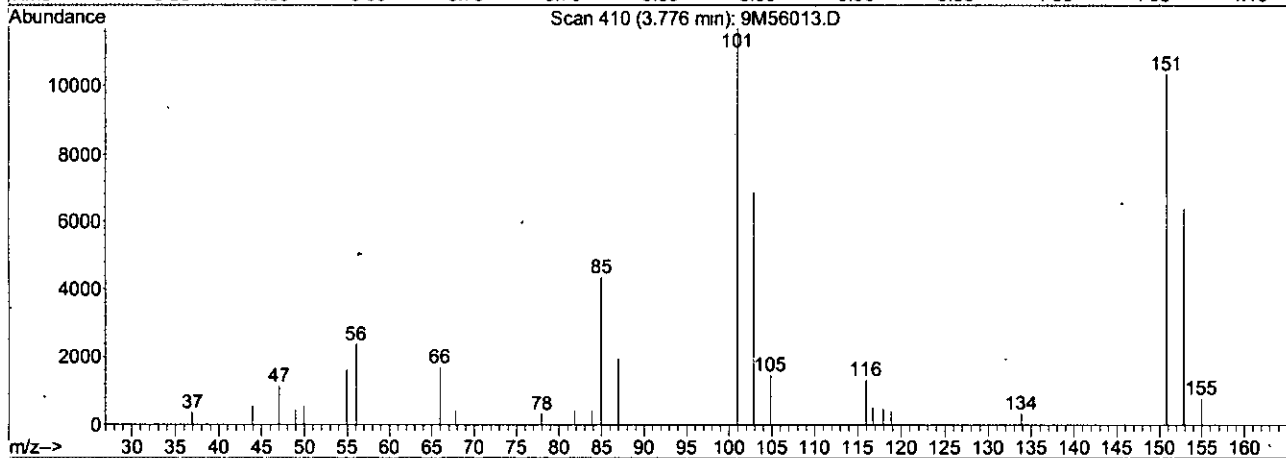
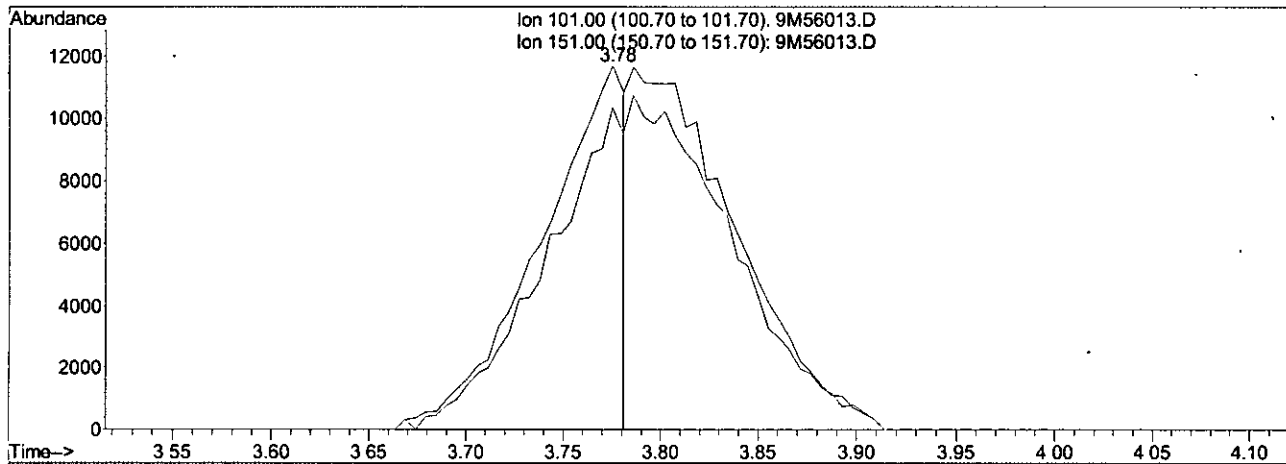


Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D
Acq On : 14 Aug 2007 14:22
Sample : WG247666-07 20 ug/L SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:44 2007

Vial: 7
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:54:51 2007
Response via : Single Level Calibration



TIC: 9M56013.D

(12) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

3.78min 10.31ug/kg

response 34896

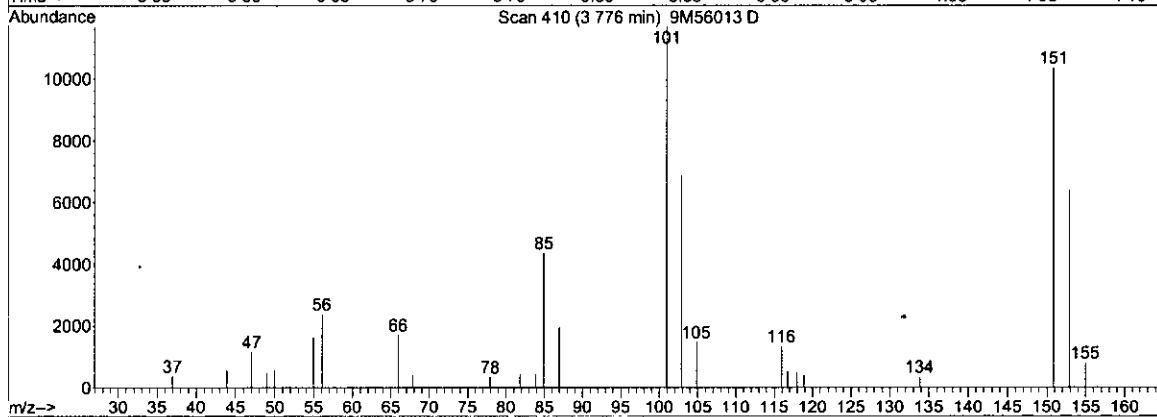
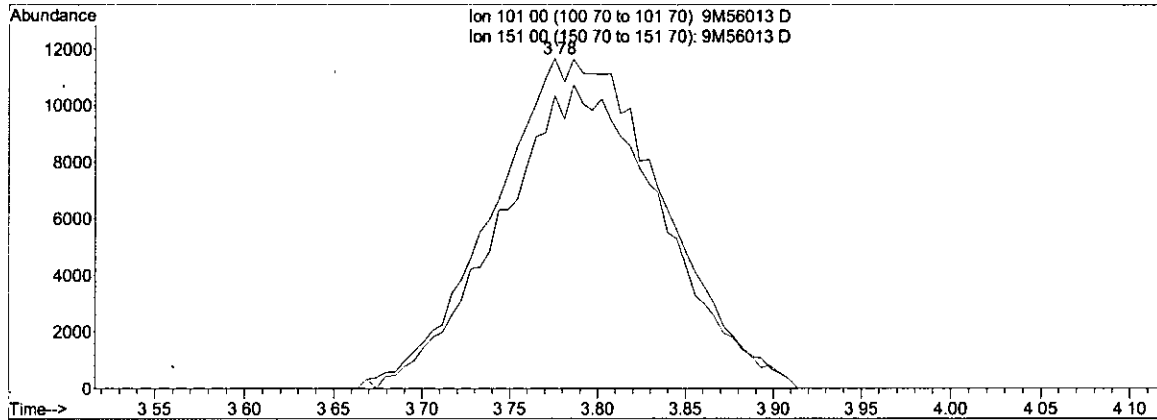
Ion	Exp%	Act%
101.00	100	100
151.00	88.10	196.73#
0.00	0.00	0.00
0.00	0.00	0.00

9M56013.D . 826_SLST.M

Tue Aug 14 14:55:12 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56013.D Vial: 7
Acq On : 14 Aug 2007 14:22 Operator: MES
Sample : WG247666-07 20 ug/L SOIL STD 8260 Inst : HPMS9
Misc : 7,1 STD21325 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 14 14:55 2007 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 14:54:51 2007
Response via : Single Level Calibration



TIC: 9M56013 D

(12) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

3.78min 23.13ug/kg m

response 78301

Ion	Exp%	Act%
101 00	100	100
151 00	88.10	87.68
0 00	0 00	0 00
0 00	0 00	0 00

9M56013.D 826_SLST.M

Tue Aug 14 14:55:23 2007

Approved: August 15, 2007	Supervisor: August 15, 2007
Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak	
<i>[Signature]</i>	<i>[Signature]</i>

Data File : C:\MSDCHEM\1\DATA\081407\9M56014.D
 Acq On : 14 Aug 2007 14:53
 Sample : WG247666-08 50 ug/Kg SOIL STD 8260
 Misc : 7,1 STD21325
 MS Integration Params: RTEINT.P
 Quant Time: Aug 15 12:17:27 2007

Vial: 8
 Operator: MES
 Inst : HPMS9
 Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 17:25:57 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.40	96	660212	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	546089	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	300415	50.00	ug/kg	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.33	111	196320	54.0721	ug/kg	0.00
Spiked Amount 50.000			Recovery	= 108.14%		
42) 1,2-Dichloroethane-d4	7.99	65	204479	51.8244	ug/kg	0.00
Spiked Amount 50.000			Recovery	= 103.64%		
56) Toluene-d8	10.40	98	684490	54.9330	ug/kg	0.00
Spiked Amount 50.000			Recovery	= 109.86%		
77) p-Bromofluorobenzene	13.75	95	255803	52.4136	ug/kg	0.00
Spiked Amount 50.000			Recovery	= 104.82%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.76	85	238143	53.4694	ug/kg	100
3) Chloromethane	2.02	50	199178	52.8358	ug/kg	100
4) Vinyl Chloride	2.14	62	132627	48.9931	ug/kg	100
5) 1,3-Butadiene	2.17	54	72532	54.1508	ug/kg	100
6) Bromomethane	2.68	94	99932	50.7038	ug/kg	100
7) Chloroethane	2.79	64	117147	53.8073	ug/kg	100
8) Trichlorofluoromethane	3.12	101	368236	53.7032	ug/kg	100
9) Diethyl ether	3.57	59	249409	98.2584	ug/kg	100
10) Isoprene	3.58	67	274542	55.3914	ug/kg	100
11) Acrolein	3.76	56	28642	106.6488	ug/kg	100
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	194637	54.1431	ug/kg	100
13) Acetone	3.88	43	54075	51.6154	ug/kg	100
14) 1,1-Dichloroethene	4.06	96	183254	56.1454	ug/kg	100
15) Tert-Butyl Alcohol	4.26	59	69293	202.5101	ug/kg	100
16) Dimethyl Sulfide	4.31	62	219635	54.0816	ug/kg	100
17) Iodomethane	4.54	142	263837	56.0904	ug/kg	100
18) Methyl acetate	4.64	43	127483	52.0817	ug/kg	100
19) Methylene Chloride	4.84	84	180130	50.8968	ug/kg	100
20) Carbon Disulfide	4.81	76	590944	53.6816	ug/kg	100
21) Acrylonitrile	5.05	53	61336	54.4777	ug/kg	100
22) Methyl Tert Butyl Ether	5.13	73	480418	52.8842	ug/kg	100
23) trans-1,2-Dichloroethene	5.31	96	203609	54.6422	ug/kg	100
24) n-Hexane	5.45	57	338065	52.2145	ug/kg	100
25) Diisopropyl ether	5.85	45	1100202	99.5069	ug/kg	100
26) Vinyl Acetate	5.99	43	388173	54.0978	ug/kg	100
27) 1,1-Dichloroethane	5.96	63	354244	53.1053	ug/kg	100
28) Ethyl-Tert-Butyl ether	6.44	59	991635	98.2831	ug/kg	100
29) 2-Butanone	6.60	43	82648	53.8970	ug/kg	100
30) Propionitrile	6.68	54	38202	101.2721	ug/kg	100
31) 2,2-Dichloropropane	6.76	77	314308	55.3984	ug/kg	100
32) cis-1,2-Dichloroethene	6.83	96	207440	54.8160	ug/kg	100
33) Chloroform	7.04	83	338189	52.4223	ug/kg	100
34) Bromochloromethane	7.26	128	99058	53.5668	ug/kg	100
35) Tetrahydrofuran	7.34	42	87909	98.7470	ug/kg	100
37) 1,1,1-Trichloroethane	7.58	97	338064	54.8295	ug/kg	100
38) Cyclohexane	7.60	56	382394	54.2229	ug/kg	100
39) 1,1-Dichloropropene	7.79	75	273654	55.3805	ug/kg	100
40) Carbon Tetrachloride	7.91	117	304944	57.5975	ug/kg	100
41) Tert-Amyl-Methyl ether	7.97	73	800246	99.5042	ug/kg	100
43) 1,2-Dichloroethane	8.11	62	257877	52.0481	ug/kg	100

(#) = qualifier out of range (m) = manual integration
 9M56014.D 826_SLST.M Wed Aug 15 16:23:25 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56014.D
Acq On : 14 Aug 2007 14:53
Sample : WG247666-08 50 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 15 12:17:27 2007

Vial: 8
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration
DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	728751	53.2073	ug/kg	100
45) Trichloroethene	8.92	130	230332	54.5227	ug/kg	100
46) Methylcyclohexane	8.99	83	351574	55.8660	ug/kg	100
47) 1,2-Dichloropropane	9.13	63	176504	54.6457	ug/kg	100
48) Bromodichloromethane	9.42	83	236809	55.2985	ug/kg	100
49) 1,4-Dioxane	9.48	88	4578	197.1479	ug/kg	100
50) Dibromomethane	9.48	93	104651	52.6512	ug/kg	100
51) 2-Chloroethyl Vinyl Ether	9.81	63	70649	56.0129	ug/kg	100
52) 4-Methyl-2-Pentanone	9.85	58	64775	56.9146	ug/kg	100
53) cis-1,3-Dichloropropene	10.10	75	283058	56.6092	ug/kg	100
54) Dimethyl Disulfide	10.31	79	147001	52.0045	ug/kg	100
57) Toluene	10.50	91	799517	53.6315	ug/kg	100
58) Ethyl Methacrylate	10.71	69	199936	56.4717	ug/kg	100
59) trans-1,3-Dichloropropene	10.72	75	265653	56.0281	ug/kg	100
60) 1,1,2-Trichloroethane	10.91	97	145373	53.2778	ug/kg	100
61) 2-Hexanone	10.92	43	125489	58.0362	ug/kg	100
62) 1,3-Dichloropropane	11.21	76	244349	52.6599	ug/kg	100
63) Tetrachloroethene	11.30	164	174803	53.6005	ug/kg	100
64) Dibromochloromethane	11.54	129	194209	57.9520	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	152375	54.5791	ug/kg	100
66) 1-Chlorohexane	11.99	91	273102	56.8531	ug/kg	100
67) Chlorobenzene	12.31	112	548531	52.2196	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.35	131	196554	55.6512	ug/kg	100
69) Ethylbenzene	12.37	106	294496	54.7149	ug/kg	100
70) m-,p-Xylene	12.46	106	719081	110.9765	ug/kg	100
71) o-Xylene	13.00	106	339346	56.4629	ug/kg	100
72) Styrene	13.04	104	554391	57.8468	ug/kg	100
73) Bromoform	13.46	173	110668	55.9248	ug/kg	100
74) Isopropylbenzene	13.44	105	889937	56.4732	ug/kg	100
76) 1,1,2,2-Tetrachloroethane	13.65	83	159484	53.9374	ug/kg	100
78) 1,2,3-Trichloropropane	13.83	110	58527	52.8359	ug/kg	100
79) trans-1,4-Dichloro-2-Butene	13.91	53	67531	53.1436	ug/kg	100
80) n-Propylbenzene	13.94	91	1089252	55.2490	ug/kg	100
81) Bromobenzene	14.00	156	228190	52.7510	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	748361	56.1155	ug/kg	100
83) 2-Chlorotoluene	14.16	91	726426	53.5506	ug/kg	100
84) 4-Chlorotoluene	14.22	91	641366	52.3648	ug/kg	100
85) a-Methylstyrene	14.53	118	434449	54.3317	ug/kg	100
86) tert-Butylbenzene	14.58	134	170387	55.5499	ug/kg	100
87) 1,2,4-Trimethylbenzene	14.63	105	755812	53.5193	ug/kg	100
88) sec-Butylbenzene	14.85	105	995333	55.5873	ug/kg	100
89) p-Isopropyltoluene	15.02	119	874070	56.2256	ug/kg	100
90) 1,3-Dichlorobenzene	15.15	146	437305	52.2277	ug/kg	100
91) 1,4-Dichlorobenzene	15.27	146	440787	50.7229	ug/kg	100
92) n-Butylbenzene	15.53	91	766471	55.2750	ug/kg	100
93) 1,2-Dichlorobenzene	15.74	146	398621	52.1187	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.73	157	39560	56.1312	ug/kg	100
95) 1,2,4-Trichlorobenzene	17.85	180	274370	53.7790	ug/kg	100
96) Hexachlorobutadiene	18.02	225	141198	52.9498	ug/kg	100
97) Naphthalene	18.17	128	625418	55.3924	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	249248	53.0439	ug/kg	100

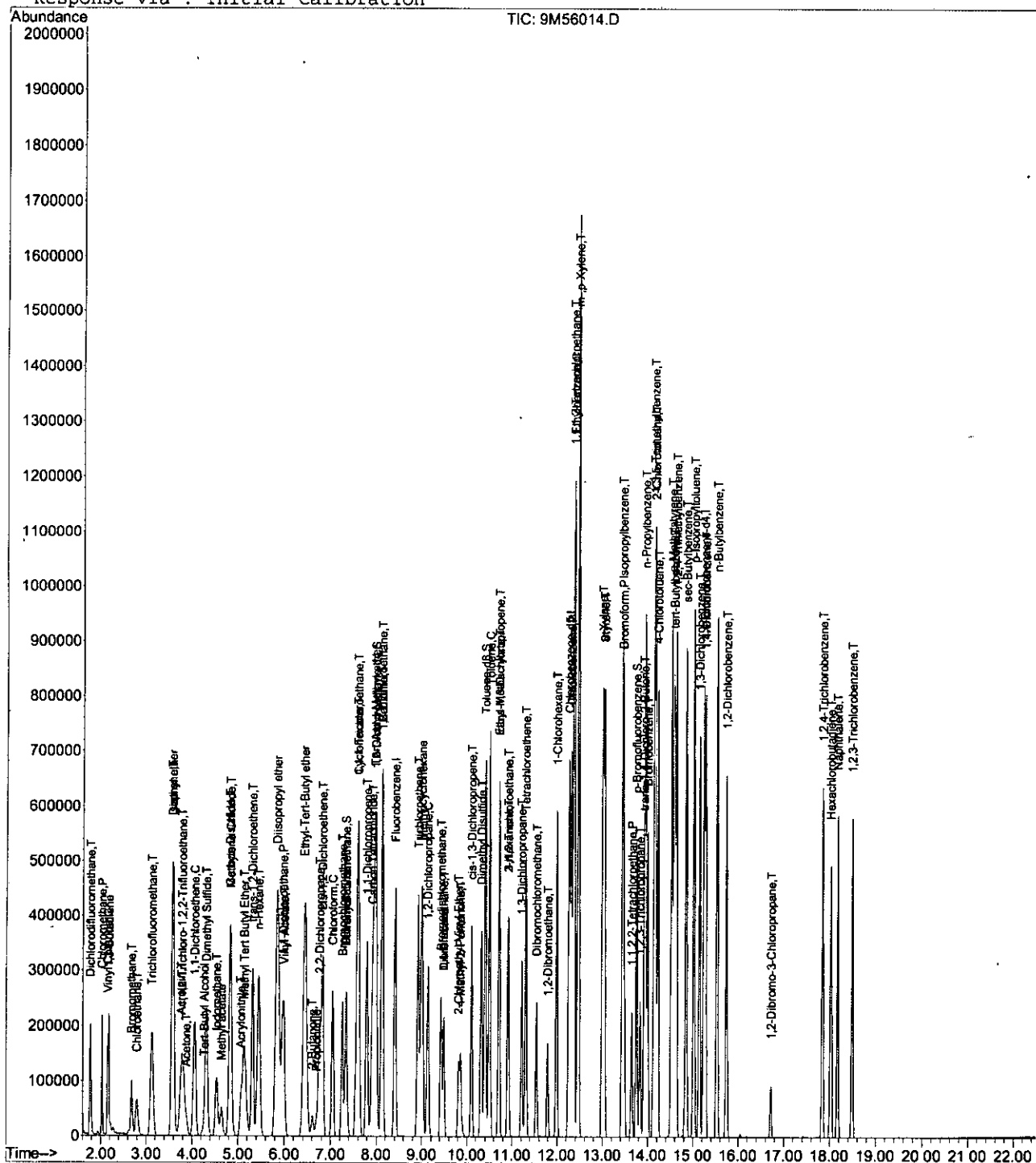
(#) = qualifier out of range (m) = manual integration
9M56014.D 826_SLST.M Wed Aug 15 16:23:28 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56014.D
Acq On : 14 Aug 2007 14:53
Sample : WG247666-08 50 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 15 12:17 2007

Vial: 8
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration



9M56014.D 826 SLST.M

Wed Aug 15 16:23:36 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56015.D
 Acq On : 14 Aug 2007 15:24
 Sample : WG247666-09 100 ug/Kg SOIL STD 8260
 Misc : 7,1 STD21325
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 15:47:21 2007

Vial: 9
 Operator: MES
 Inst : HPMS9
 Multiplr: 1.00

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 15:18:30 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	687731	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	564534	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	303208	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	378595	99.0059	ug/kg	0.00
Spiked Amount			Recovery	=	198.02%	
42) 1,2-Dichloroethane-d4	7.99	65	378521	91.3792	ug/kg	0.00
Spiked Amount			Recovery	=	182.76%	
56) Toluene-d8	10.40	98	1308947	101.4074	ug/kg	0.00
Spiked Amount			Recovery	=	202.82%	
77) p-Bromofluorobenzene	13.76	95	485522	97.8204	ug/kg	0.00
Spiked Amount			Recovery	=	195.64%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	456929	101.1162	ug/kg	99
3) Chloromethane	2.02	50	382956	103.8117	ug/kg	100
4) Vinyl Chloride	2.15	62	243329	98.7521	ug/kg	99
5) 1,3-Butadiene	2.17	54	120590	68.1493	ug/kg	98
6) Bromomethane	2.67	94	193021	99.9681	ug/kg	100
7) Chloroethane	2.79	64	231785	102.5172	ug/kg	100
8) Trichlorofluoromethane	3.12	101	711596	99.0981	ug/kg	100
9) Diethyl ether	3.57	59	518468	186.1298	ug/kg	99
10) Isoprene	3.57	67	545184	103.2994	ug/kg	100
11) Acrolein	3.75	56	54163	201.1132	ug/kg	99
12) 1,1,2-Trichloro-1,2,2-Trif	3.77	101	383508	100.5738	ug/kg	100
13) Acetone	3.88	43	97297	71.0891	ug/kg	98
14) 1,1-Dichloroethene	4.05	96	360133	102.2884	ug/kg	98
15) Tert-Butyl Alcohol	4.27	59	142683	362.1609	ug/kg#	80
16) Dimethyl Sulfide	4.31	62	437352	98.9520	ug/kg	99
17) Iodomethane	4.53	142	516808	113.2723	ug/kg	100
18) Methyl acetate	4.64	43	237849	78.6743	ug/kg	100
19) Methylene Chloride	4.84	84	346971	77.3590	ug/kg	99
20) Carbon Disulfide	4.81	76	1186212	100.6888	ug/kg	100
21) Acrylonitrile	5.05	53	118174	89.6772	ug/kg	96
22) Methyl Tert Butyl Ether	5.13	73	932210	96.1611	ug/kg	99
23) trans-1,2-Dichloroethene	5.31	96	399507	100.0927	ug/kg	99
24) n-Hexane	5.44	57	660150	94.5443	ug/kg	100
25) Diisopropyl ether	5.84	45	2301914	194.1545	ug/kg	100
26) Vinyl Acetate	5.99	43	744859	111.4078	ug/kg	99
27) 1,1-Dichloroethane	5.95	63	685878	95.8775	ug/kg	100
28) Ethyl-Tert-Butyl ether	6.44	59	2091811	191.5597	ug/kg	100
29) 2-Butanone	6.60	43	145385	81.8991	ug/kg	98
30) Propionitrile	6.68	54	80569	182.4998	ug/kg	99
31) 2,2-Dichloropropane	6.76	77	609441	100.7633	ug/kg	99
32) cis-1,2-Dichloroethene	6.82	96	404406	99.7414	ug/kg	100
33) Chloroform	7.04	83	651552	95.7378	ug/kg	100
34) Bromochloromethane	7.26	128	194245	98.8759	ug/kg	97
35) Tetrahydrofuran	7.32	42	175778	173.0596	ug/kg	99
37) 1,1,1-Trichloroethane	7.58	97	657718	101.4209	ug/kg	99
38) Cyclohexane	7.60	56	756258	100.0046	ug/kg	100
39) 1,1-Dichloropropene	7.79	75	535752	101.6152	ug/kg	99
40) Carbon Tetrachloride	7.91	117	604504	109.0660	ug/kg	99
41) Tert-Amyl-Methyl ether	7.96	73	1670779	193.4084	ug/kg	99
43) 1,2-Dichloroethane	8.11	62	482650	92.1725	ug/kg	98

(#) = qualifier out of range (m) = manual integration
 9M56015.D 826_SLST.M Wed Aug 15 16:23:44 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56015.D
 Acq On : 14 Aug 2007 15:24
 Sample : WG247666-09 100 ug/Kg SOIL STD 8260
 Misc : 7,1 STD21325

Vial: 9
 Operator: MES
 Inst : HPMS9
 Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 15:47:21 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 15:18:30 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	1419556	96.9235	ug/kg	100
45) Trichloroethene	8.92	130	455903	102.2570	ug/kg	99
46) Methylcyclohexane	9.00	83	688696	102.2954	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	342111	96.7377	ug/kg	98
48) Bromodichloromethane	9.43	83	462577	102.3122	ug/kg	100
49) 1,4-Dioxane	9.48	88	10812	362.3503	ug/kg	95
50) Dibromomethane	9.49	93	197601	92.1882	ug/kg	100
51) 2-Chloroethyl Vinyl Ether	9.81	63	140643	93.9072	ug/kg	99
52) 4-Methyl-2-Pentanone	9.85	58	115477	87.9046	ug/kg	99
53) cis-1,3-Dichloropropene	10.10	75	550976	100.5467	ug/kg	99
54) Dimethyl Disulfide	10.31	79	307082	112.5720	ug/kg	99
57) Toluene	10.50	91	1563303	100.4306	ug/kg	100
58) Ethyl Methacrylate	10.71	69	386331	99.4983	ug/kg	100
59) trans-1,3-Dichloropropene	10.71	75	508231	100.9479	ug/kg	99
60) 1,1,2-Trichloroethane	10.91	97	278880	97.1900	ug/kg	99
61) 2-Hexanone	10.92	43	213276	89.2089	ug/kg	95
62) 1,3-Dichloropropane	11.22	76	460816	94.1242	ug/kg	99
63) Tetrachloroethene	11.31	164	339043	101.0317	ug/kg	100
64) Dibromochloromethane	11.54	129	380562	107.0216	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	288167	98.1764	ug/kg	99
66) 1-Chlorohexane	11.98	91	544638	107.2577	ug/kg	99
67) Chlorobenzene	12.30	112	1060166	96.5041	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	382919	105.1401	ug/kg	100
69) Ethylbenzene	12.37	106	576165	102.3894	ug/kg	99
70) m-,p-Xylene	12.46	106	1410638	208.9067	ug/kg	97
71) o-Xylene	13.00	106	664243	104.8863	ug/kg	99
72) Styrene	13.04	104	1092334	107.7651	ug/kg	99
73) Bromoform	13.46	173	216193	107.2618	ug/kg	100
74) Isopropylbenzene	13.44	105	1722491	104.7836	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	289066	92.8264	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	107241	94.0425	ug/kg	98
79) trans-1,4-Dichloro-2-Buten	13.91	53	125568	94.2466	ug/kg	97
80) n-Propylbenzene	13.94	91	2124577	106.1077	ug/kg	99
81) Bromobenzene	14.00	156	441886	100.4451	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	1466559	108.1757	ug/kg	99
83) 2-Chlorotoluene	14.17	91	1377942	100.0520	ug/kg	96
84) 4-Chlorotoluene	14.23	91	1268173	101.4877	ug/kg	97
85) a-Methylstyrene	14.52	118	872476	106.2906	ug/kg	99
86) tert-Butylbenzene	14.58	134	333460	105.6836	ug/kg	99
87) 1,2,4-Trimethylbenzene	14.63	105	1481368	103.0990	ug/kg	99
88) sec-Butylbenzene	14.84	105	1933074	106.2546	ug/kg	100
89) p-Isopropyltoluene	15.02	119	1706172	107.7966	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	846105	99.1739	ug/kg	100
91) 1,4-Dichlorobenzene	15.28	146	848613	95.9446	ug/kg	99
92) n-Butylbenzene	15.53	91	1507311	107.1727	ug/kg	100
93) 1,2-Dichlorobenzene	15.74	146	760464	97.7044	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.72	157	74091	106.3888	ug/kg	96
95) 1,2,4-Trichlorobenzene	17.84	180	523059	101.3323	ug/kg	99
96) Hexachlorobutadiene	18.03	225	268644	100.8150	ug/kg	99
97) Naphthalene	18.17	128	1178325	101.3200	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	478043	100.4705	ug/kg	99

(#) = qualifier out of range (m) = manual integration
 9M56015.D 826_SLST.M Wed Aug 15 16:23:46 2007

Data File : C:\MSDCHEM\1\data\081407\9M56016.D Vial: 10
 Acq On : 14 Aug 2007 15:55 Operator: MES
 Sample : WG247666-10 200 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 16:18:29 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 15:49:31 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	736401	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	595565	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	316338	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.33	111	742616	181.1571	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 362.32%#		
42) 1,2-Dichloroethane-d4	7.99	65	731078	164.6644	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 329.32%#		
56) Toluene-d8	10.40	98	2473300	180.8482	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery	= 361.70%#		
77) p-Bromofluorobenzene	13.75	95	898666	173.1574	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery	= 346.32%#		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	808535	163.1964	ug/kg	99
3) Chloromethane	2.02	50	726280	175.5412	ug/kg	99
4) Vinyl Chloride	2.15	62	351001	126.4645	ug/kg	99
5) 1,3-Butadiene	2.16	54	213409	109.1302	ug/kg	98
6) Bromomethane	2.66	94	346491	162.7104	ug/kg	100
7) Chloroethane	2.81	64	440066	179.4635	ug/kg	99
8) Trichlorofluoromethane	3.10	101	1322116	170.7823	ug/kg	100
9) Diethyl ether	3.57	59	1074698	366.5507	ug/kg	99
10) Isoprene	3.56	67	1057258	188.0965	ug/kg	99
11) Acrolein	3.76	56	133105	452.7888	ug/kg	98
12) 1,1,2-Trichloro-1,2,2-Trif	3.77	101	738034	180.8688	ug/kg	99
13) Acetone	3.88	43	205499	144.3720	ug/kg	97
14) 1,1-Dichloroethene	4.04	96	705735	188.9690	ug/kg	97
15) Tert-Butyl Alcohol	4.29	59	316852	799.6419	ug/kg#	90
16) Dimethyl Sulfide	4.31	62	873584	187.8048	ug/kg	98
17) Iodomethane	4.53	142	983815	193.2308	ug/kg	96
18) Methyl acetate	4.63	43	538553	181.8004	ug/kg	99
19) Methylene Chloride	4.85	84	671193	140.4692	ug/kg	99
20) Carbon Disulfide	4.80	76	2299960	183.6886	ug/kg	100
21) Acrylonitrile	5.05	53	260935	192.3206	ug/kg	98
22) Methyl Tert Butyl Ether	5.12	73	1953709	190.6900	ug/kg	99
23) trans-1,2-Dichloroethene	5.31	96	782075	184.3301	ug/kg	98
24) n-Hexane	5.43	57	1314406	178.1602	ug/kg	100
25) Diisopropyl ether	5.84	45	4582238	364.3138	ug/kg	99
26) Vinyl Acetate	5.99	43	1543838	201.9780	ug/kg	99
27) 1,1-Dichloroethane	5.95	63	1339085	176.2214	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.44	59	4285706	371.4797	ug/kg	99
29) 2-Butanone	6.60	43	326858	177.9047	ug/kg	97
30) Propionitrile	6.68	54	175137	384.2543	ug/kg	99
31) 2,2-Dichloropropane	6.76	77	1183167	183.2398	ug/kg	98
32) cis-1,2-Dichloroethene	6.82	96	799214	185.5699	ug/kg	99
33) Chloroform	7.04	83	1273387	174.7435	ug/kg	100
34) Bromochloromethane	7.26	128	383547	183.3547	ug/kg	97
35) Tetrahydrofuran	7.32	42	391652	371.0158	ug/kg	97
37) 1,1,1-Trichloroethane	7.57	97	1257952	180.7634	ug/kg	99
38) Cyclohexane	7.60	56	1475385	183.8331	ug/kg	100
39) 1,1-Dichloropropene	7.79	75	1031785	183.4821	ug/kg	98
40) Carbon Tetrachloride	7.91	117	1171227	196.3240	ug/kg	99
41) Tert-Amyl-Methyl ether	7.96	73	3431070	375.3102	ug/kg	98
43) 1,2-Dichloroethane	8.11	62	941425	168.3831	ug/kg	98

(#) = qualifier out of range (m) = manual integration
 9M56016.D 826_SLST.M Tue Aug 14 16:18:31 2007

Data File : C:\MSDchem\1\data\081407\9M56016.D
Acq On : 14 Aug 2007 15:55
Sample : WG247666-10 200 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325

Vial: 10
Operator: MES
Inst : HPMS9
Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 16:18:29 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 15:49:31 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	2723816	175.1546	ug/kg	100
45) Trichloroethene	8.91	130	886102	185.7337	ug/kg	99
46) Methylcyclohexane	9.00	83	1344689	188.2393	ug/kg	99
47) 1,2-Dichloropropane	9.13	63	682026	183.3433	ug/kg	97
48) Bromodichloromethane	9.43	83	918456	189.8797	ug/kg	100
49) 1,4-Dioxane	9.48	88	25027	827.6161	ug/kg	95
50) Dibromomethane	9.48	93	403674	177.8593	ug/kg	100
51) 2-Chloroethyl Vinyl Ether	9.81	63	312805	205.2063	ug/kg	99
52) 4-Methyl-2-Pentanone	9.86	58	253038	187.3021	ug/kg	99
53) cis-1,3-Dichloropropene	10.10	75	1093319	188.6177	ug/kg	99
54) Dimethyl Disulfide	10.31	79	646051	227.5947	ug/kg	99
57) Toluene	10.50	91	2968645	180.8338	ug/kg	99
58) Ethyl Methacrylate	10.71	69	788172	195.6408	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	997490	188.2671	ug/kg	98
60) 1,1,2-Trichloroethane	10.90	97	555444	184.5801	ug/kg	99
61) 2-Hexanone	10.92	43	454878	184.9683	ug/kg	96
62) 1,3-Dichloropropane	11.21	76	918313	179.1313	ug/kg	98
63) Tetrachloroethene	11.30	164	657621	184.5174	ug/kg	99
64) Dibromochloromethane	11.54	129	766916	203.2983	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	590684	192.1726	ug/kg	100
66) 1-Chlorohexane	11.99	91	1051813	196.3764	ug/kg	97
67) Chlorobenzene	12.30	112	2023035	174.8276	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	736383	190.6319	ug/kg	100
69) Ethylbenzene	12.37	106	1096359	184.9721	ug/kg	94
70) m-,p-Xylene	12.46	106	2617273	367.2525	ug/kg	94
71) o-Xylene	13.00	106	1259660	189.3525	ug/kg	96
72) Styrene	13.04	104	2071195	195.0956	ug/kg	98
73) Bromoform	13.46	173	431684	200.6442	ug/kg	100
74) Isopropylbenzene	13.44	105	3200778	184.3753	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	595015	186.9966	ug/kg	100
78) 1,2,3-Trichloropropane	13.83	110	215110	182.4920	ug/kg	98
79) trans-1,4-Dichloro-2-Butene	13.91	53	260154	191.1283	ug/kg	97
80) n-Propylbenzene	13.94	91	3882709	185.1594	ug/kg	98
81) Bromobenzene	14.00	156	830939	180.7084	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	2708768	190.9632	ug/kg	98
83) 2-Chlorotoluene	14.16	91	2581286	179.0655	ug/kg	98
84) 4-Chlorotoluene	14.22	91	2265237	173.4182	ug/kg	98
85) a-Methylstyrene	14.53	118	1676281	196.3478	ug/kg	99
86) tert-Butylbenzene	14.58	134	626218	189.8409	ug/kg	98
87) 1,2,4-Trimethylbenzene	14.63	105	2743608	182.6763	ug/kg	98
88) sec-Butylbenzene	14.85	105	3566556	187.3747	ug/kg	98
89) p-Isopropyltoluene	15.02	119	3173636	191.8346	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	1589102	178.3477	ug/kg	100
91) 1,4-Dichlorobenzene	15.27	146	1592311	172.2559	ug/kg	98
92) n-Butylbenzene	15.53	91	2761406	187.3505	ug/kg	99
93) 1,2-Dichlorobenzene	15.74	146	1460417	179.7370	ug/kg	99
94) 1,2-Dibromo-3-Chloropropan	16.72	157	164382	231.2696	ug/kg	94
95) 1,2,4-Trichlorobenzene	17.85	180	1007517	186.1496	ug/kg	99
96) Hexachlorobutadiene	18.02	225	504623	179.4199	ug/kg	98
97) Naphthalene	18.17	128	2389289	198.7990	ug/kg	99
98) 1,2,3-Trichlorobenzene	18.49	180	924453	185.6182	ug/kg	100

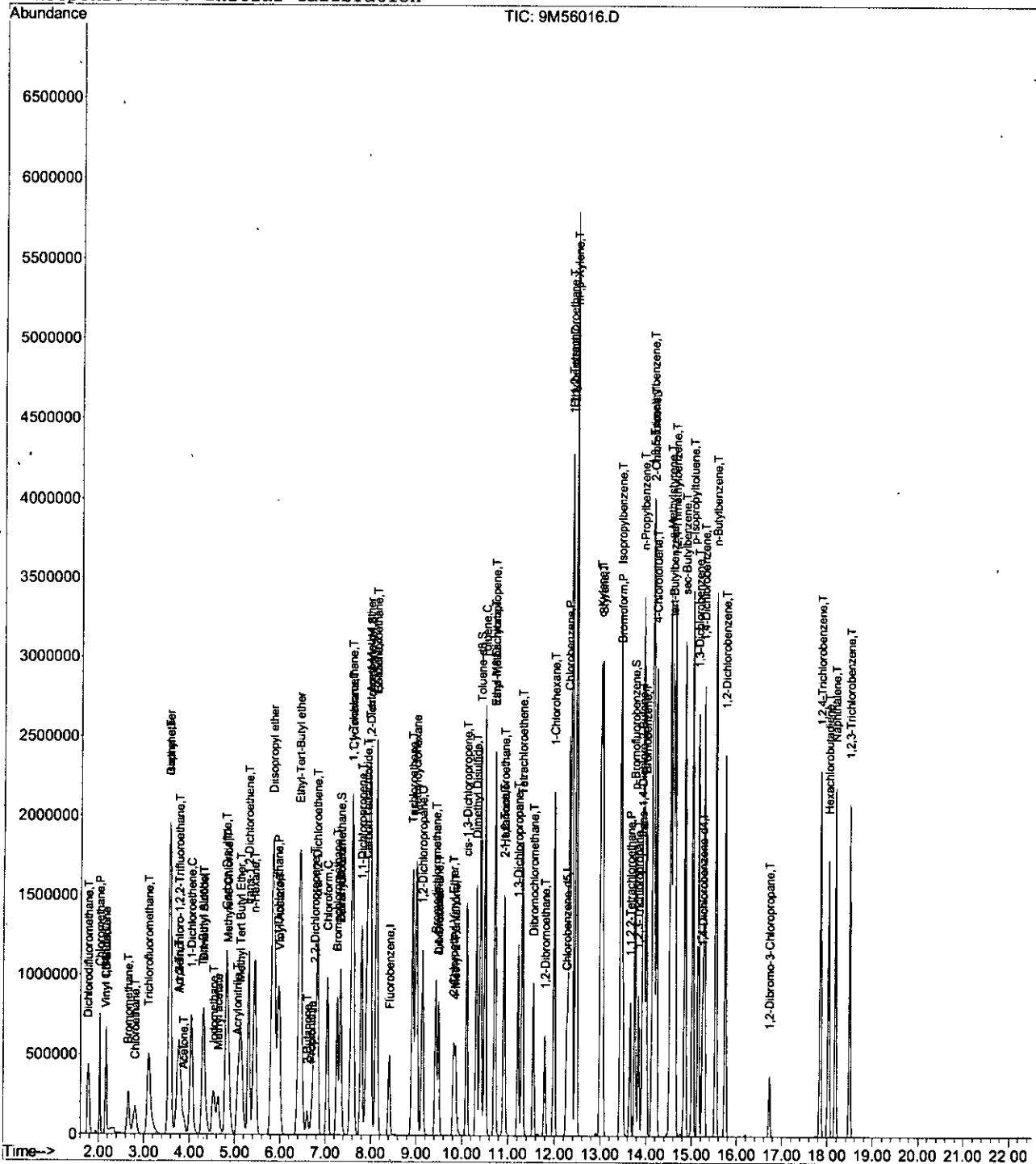
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9M56016.D 826_SLST.M Tue Aug 14 16:18:31 2007

Data File : C:\MSDCHEM\1\data\081407\9M56016.D
Acq On : 14 Aug 2007 15:55
Sample : WG247666-10 200 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 16:18 2007

Vial: 10
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826_SLST.RES

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Method       : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title        : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update   : Tue Aug 14 15:49:31 2007
Response via  : Initial Calibration
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9M56016.D 826_SLST.M

Tue Aug 14 16:18:32 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56017.D Vial: 11
 Acq On : 14 Aug 2007 16:27 Operator: MES
 Sample : WG247666-11 300 ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21325 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Aug 14 16:49:41 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Tue Aug 14 16:21:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	689862	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	554213	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	290240	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 80 - 120	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.00	65	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 80 - 120	Recovery	=	0.00%#	
56) Toluene-d8	0.00	98	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 81 - 117	Recovery	=	0.00%#	
77) p-Bromofluorobenzene	0.00	95	0d	0.0000	ug/kg	
Spiked Amount	50.000	Range 74 - 121	Recovery	=	0.00%#	

Target Compounds

					Qvalue
5) 1,3-Butadiene	2.16	54	352752	188.1925	ug/kg 99
9) Diethyl ether	3.57	59	1339484	497.0695	ug/kg 98
11) Acrolein	3.75	56	180815	644.3302	ug/kg 98
13) Acetone	3.88	43	261331	200.9318	ug/kg 96
15) Tert-Butyl Alcohol	4.28	59	314397	896.4349	ug/kg# 83
21) Acrylonitrile	5.05	53	323168	263.2109	ug/kg 98
25) Diisopropyl ether	5.84	45	5723088	492.2214	ug/kg 99
26) Vinyl Acetate	5.99	43	2128750	280.5500	ug/kg 99
28) Ethyl-Tert-Butyl ether	6.43	59	5351326	502.6457	ug/kg 99
29) 2-Butanone	6.59	43	425903	254.8747	ug/kg 97
30) Propionitrile	6.68	54	203238	492.4533	ug/kg 98
35) Tetrahydrofuran	7.32	42	420511	434.8867	ug/kg 96
41) Tert-Amyl-Methyl ether	7.96	73	4221557	497.8765	ug/kg 98
49) 1,4-Dioxane	9.47	88	27703	1043.4544	ug/kg 89
51) 2-Chloroethyl Vinyl Ether	9.81	63	434680	319.6291	ug/kg 99
52) 4-Methyl-2-Pentanone	9.86	58	340663	276.4120	ug/kg 98
61) 2-Hexanone	10.92	43	582879	258.1845	ug/kg# 56

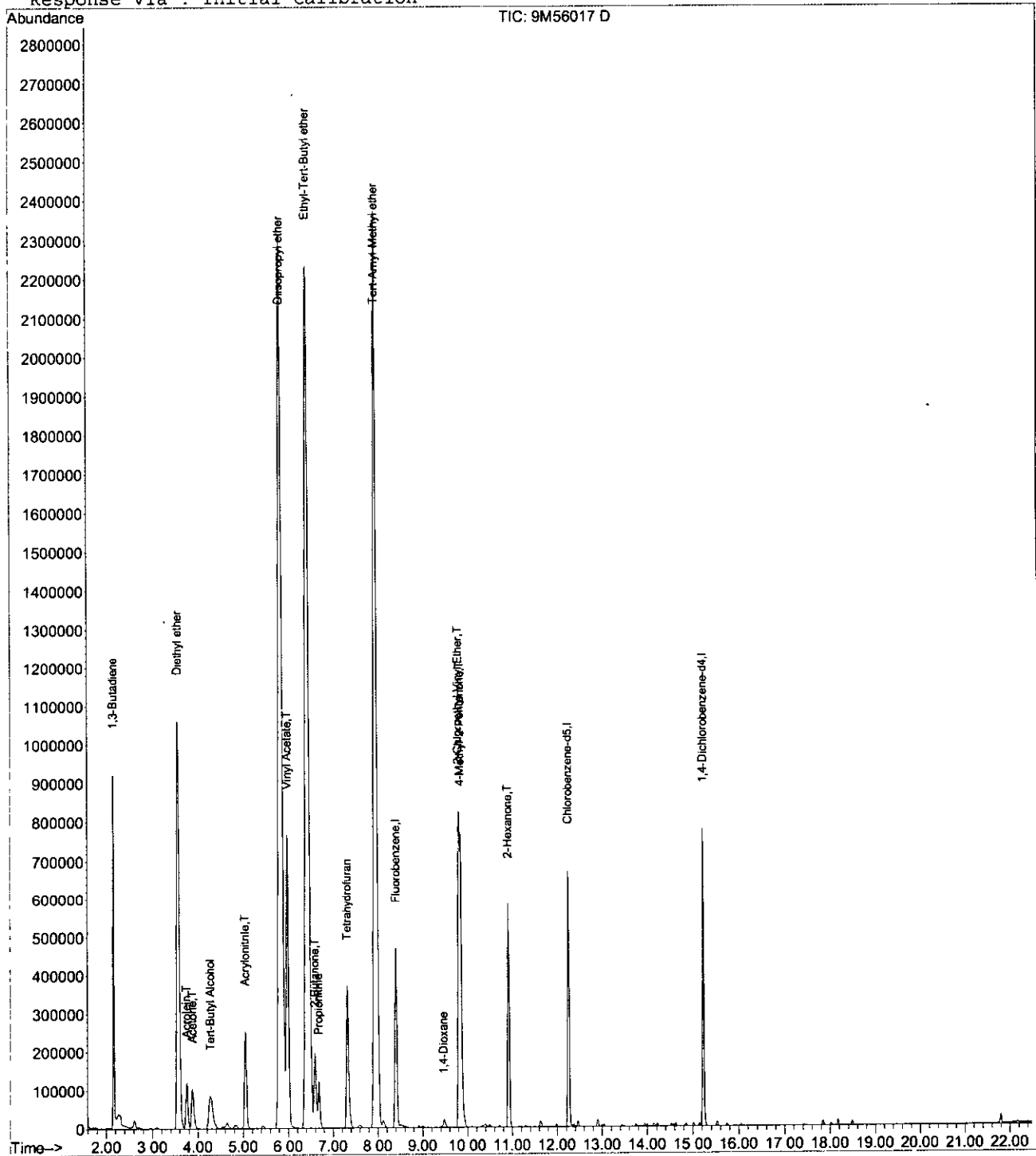
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 9M56017.D 826_SLST.M Tue Aug 14 16:52:30 2007

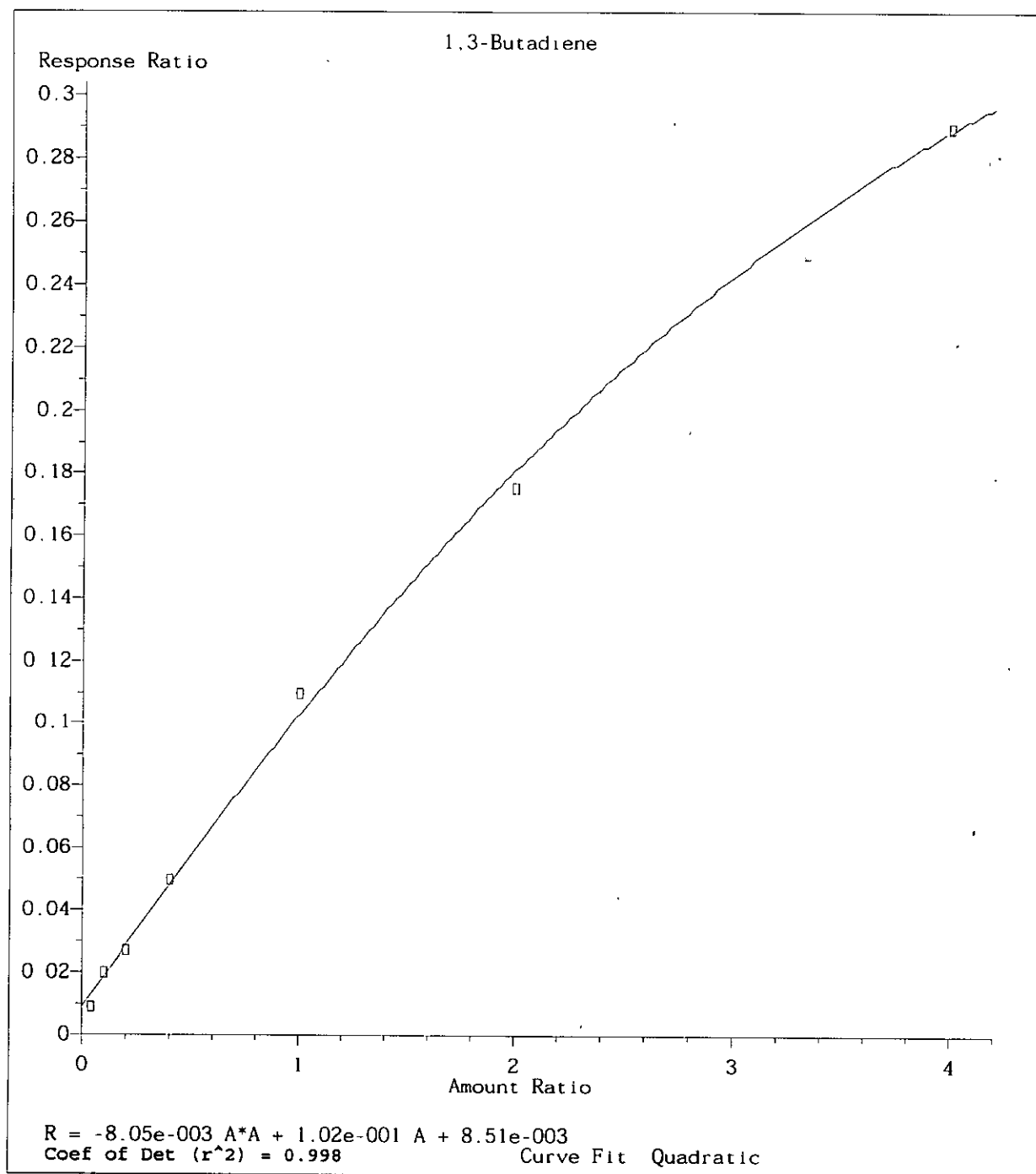
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Acq On : 14 Aug 2007 16:27
Sample : WG247666-11 300 ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 16:52 2007

Vial: 11
Operator: MES
Inst : HPMS9
Multiplr: 1.00

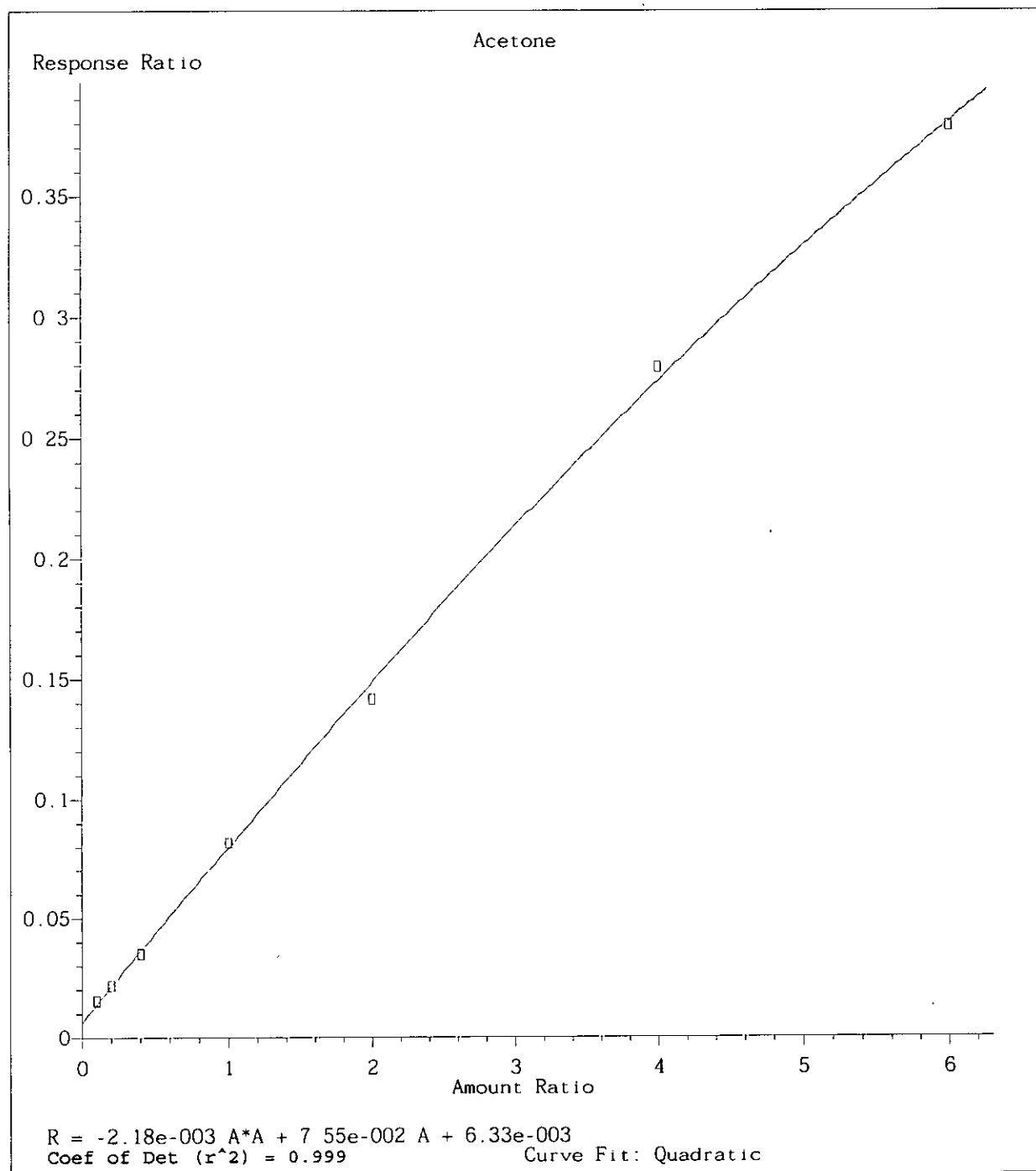
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 16:21:45 2007
Response via : Initial Calibration

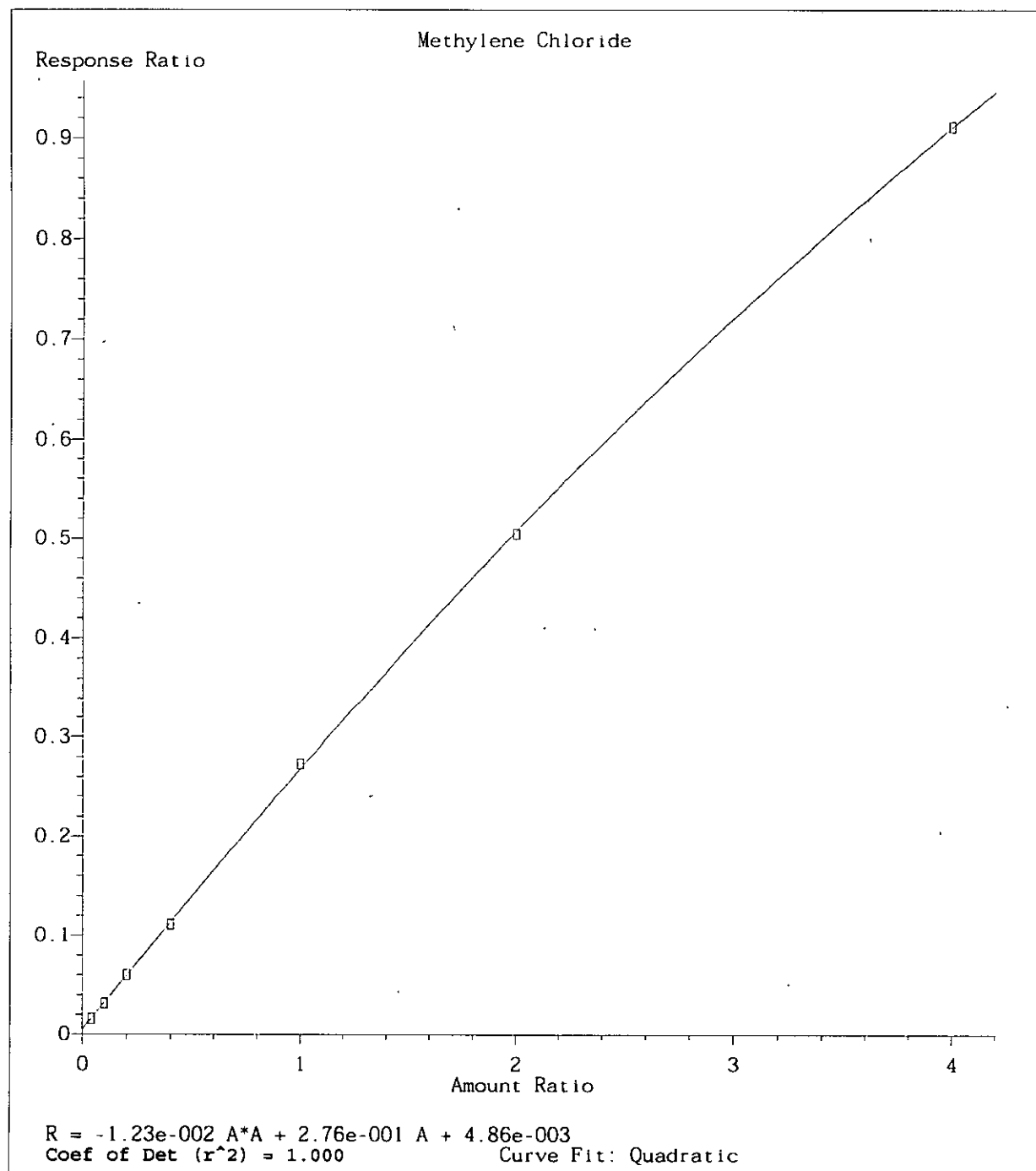




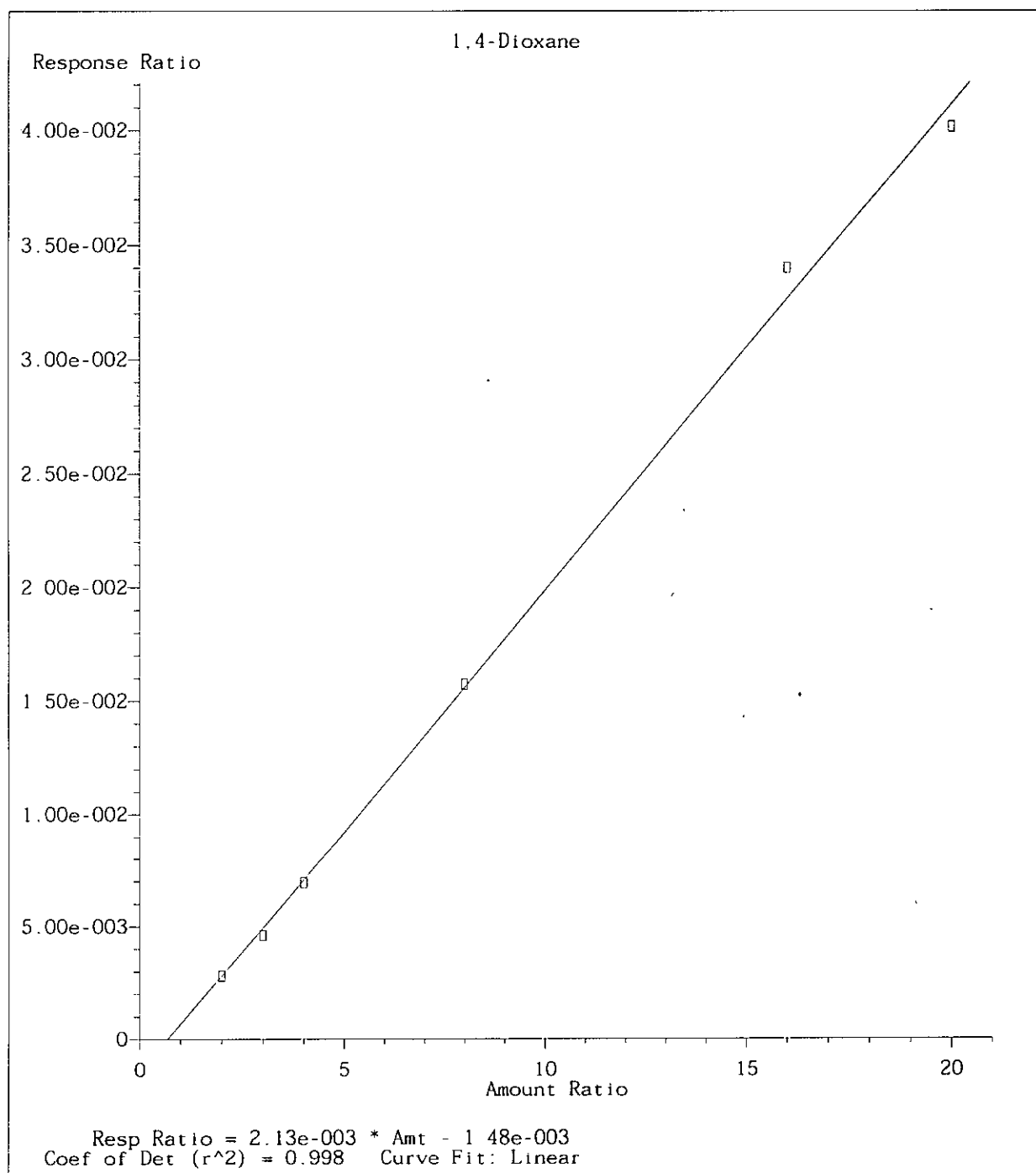
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Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



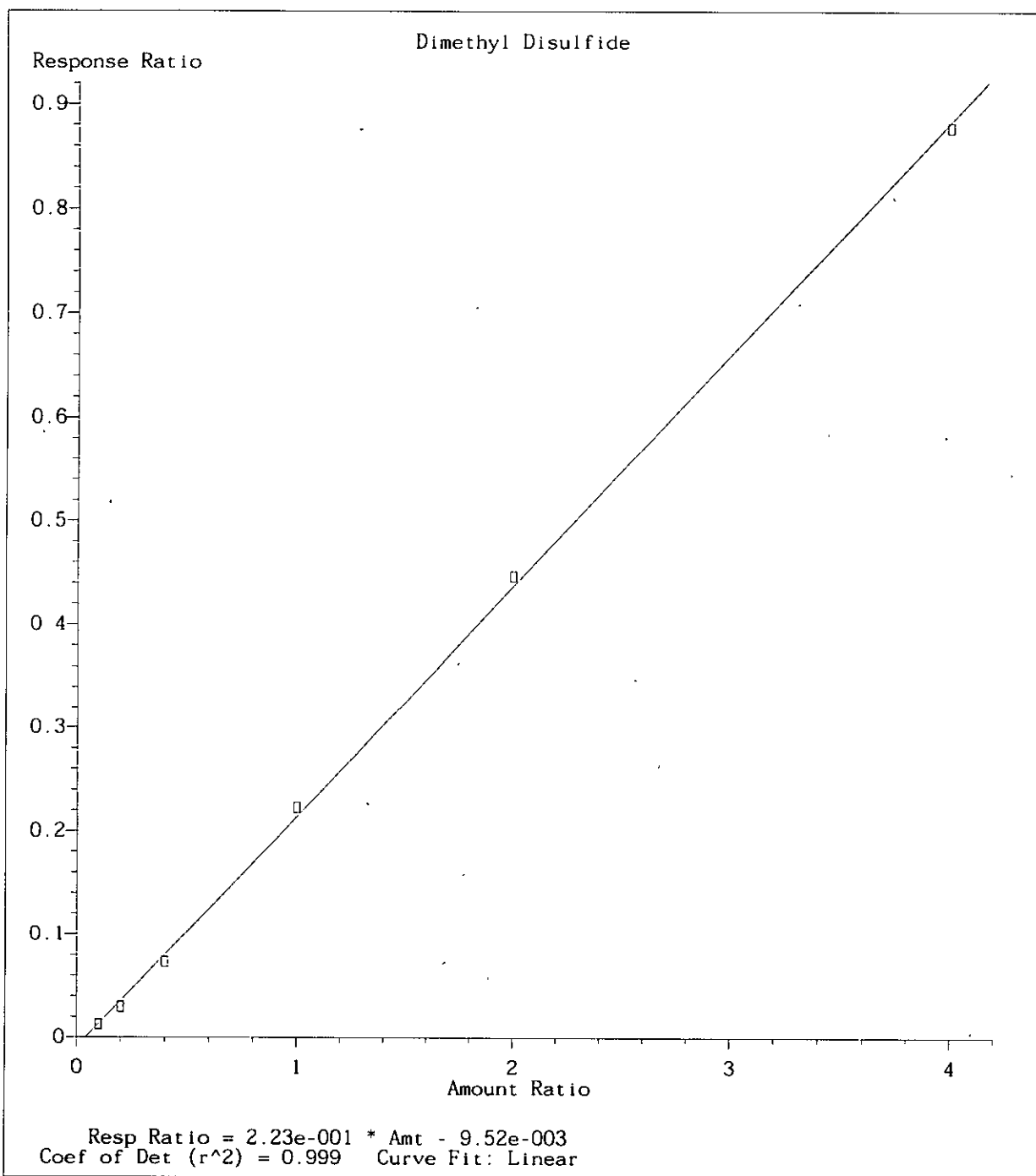
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Calibration Table Last Updated Tue Aug 14 17:25:57 2007



Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007

Data File : C:\MSDCHEM\1\data\081407\9M56020.D

Vial: 14

Acq On : 14 Aug 2007 18:01

Operator: MES

Sample : WG247666-12 20ug/Kg ALT SOURCE

Inst : HPMS9

Misc : 7,1 STD21327

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 18:23:46 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	678415	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	565034	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	301255	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.34	111	193281	51.8067	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%
42) 1,2-Dichloroethane-d4	7.99	65	190901	47.0849	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
56) Toluene-d8	10.40	98	693529	53.7923	ug/kg	0.00
Spiked Amount	50.000	Range	81 - 117	Recovery	=	107.58%
77) p-Bromofluorobenzene	13.75	95	252690	51.6314	ug/kg	0.00
Spiked Amount	50.000	Range	74 - 121	Recovery	=	103.26%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.76	85	131957	28.8329	ug/kg 99
3) Chloromethane	2.03	50	94257	24.3326	ug/kg 100
4) Vinyl Chloride	2.15	62	63001	22.6484	ug/kg 98
5) 1,3-Butadiene	2.17	54	29098	17.2732	ug/kg 97
6) Bromomethane	2.68	94	46016	22.7213	ug/kg 99
7) Chloroethane	2.79	64	51153	22.8649	ug/kg 98
8) Trichlorofluoromethane	3.13	101	131147	18.6132	ug/kg 99
10) Isoprene	3.57	67	108819	21.3662	ug/kg 98
11) Acrolein	3.76	56	27274	98.8302	ug/kg 97
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	82317	22.2841	ug/kg 99
13) Acetone	3.88	43	26731	22.1989	ug/kg 98
14) 1,1-Dichloroethene	4.06	96	79525	23.7111	ug/kg 95
15) Tert-Butyl Alcohol	4.29	59	4068	11.5698	ug/kg# 12
16) Dimethyl Sulfide	4.32	62	85185	20.4126	ug/kg 98
17) Iodomethane	4.53	142	76714	15.8714	ug/kg 98
18) Methyl acetate	4.65	43	56529	22.4746	ug/kg 98
19) Methylene Chloride	4.84	84	80460	21.0158	ug/kg 97
20) Carbon Disulfide	4.82	76	217657	19.2415	ug/kg 100
21) Acrylonitrile	5.05	53	24512	21.1870	ug/kg 99
22) Methyl Tert Butyl Ether	5.13	73	199671	21.3899	ug/kg 99
23) trans-1,2-Dichloroethene	5.31	96	84306	22.0180	ug/kg 99
24) n-Hexane	5.45	57	128508	19.3156	ug/kg 99
26) Vinyl Acetate	6.00	43	133353	18.0861	ug/kg 99
27) 1,1-Dichloroethane	5.96	63	144792	21.1236	ug/kg 99
29) 2-Butanone	6.62	43	31987	20.2999	ug/kg 100
31) 2,2-Dichloropropane	6.76	77	123043	21.1050	ug/kg 98
32) cis-1,2-Dichloroethene	6.82	96	88801	22.8361	ug/kg 97
33) Chloroform	7.04	83	139101	20.9834	ug/kg 100
34) Bromochloromethane	7.26	128	42310	22.2657	ug/kg 97
37) 1,1,1-Trichloroethane	7.59	97	135894	21.4488	ug/kg 99
38) Cyclohexane	7.60	56	151504	20.9066	ug/kg 99
39) 1,1-Dichloropropene	7.79	75	112780	22.2113	ug/kg 99
40) Carbon Tetrachloride	7.91	117	119975	22.0527	ug/kg 100
43) 1,2-Dichloroethane	8.12	62	103063	20.2434	ug/kg 98
44) Benzene	8.13	78	312606	22.2115	ug/kg 99
45) Trichloroethene	8.92	130	100583	23.1705	ug/kg 98
46) Methylcyclohexane	9.00	83	141909	21.9446	ug/kg 99
47) 1,2-Dichloropropane	9.13	63	75645	22.7913	ug/kg 96
48) Bromodichloromethane	9.43	83	97034	22.0509	ug/kg 99
50) Dibromomethane	9.49	93	44437	21.7569	ug/kg 99

(#)= qualifier out of range (m) = manual integration

9M56020.D 826_SLST.M Tue Aug 14 18:23:48 2007

Page 1

Data File : C:\MSDCHEM\1\data\081407\9M56020.D

Vial: 14

Acq On : 14 Aug 2007 18:01

Operator: MES

Sample : WG247666-12 20ug/Kg ALT SOURCE

Inst : HPMS9

Misc : 7,1 STD21327

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 18:23:46 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
51) 2-Chloroethyl Vinyl Ether	9.81	63	28978	22.3583	ug/kg	98
52) 4-Methyl-2-Pentanone	9.85	58	26600	22.7450	ug/kg	97
53) cis-1,3-Dichloropropene	10.10	75	115434	22.4664	ug/kg	99
54) Dimethyl Disulfide	10.31	79	53518	19.8020	ug/kg	97
57) Toluene	10.50	91	345281	22.3848	ug/kg	100
58) Ethyl Methacrylate	10.71	69	80640	22.0130	ug/kg	100
59) trans-1,3-Dichloropropene	10.71	75	100193	20.4229	ug/kg	99
60) 1,1,2-Trichloroethane	10.91	97	63518	22.4982	ug/kg	98
61) 2-Hexanone	10.92	43	48769	21.7985	ug/kg	95
62) 1,3-Dichloropropane	11.22	76	105148	21.9008	ug/kg	98
63) Tetrachloroethene	11.31	164	75021	22.2327	ug/kg	99
64) Dibromochloromethane	11.54	129	76674	22.1124	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	64725	22.4065	ug/kg	99
66) 1-Chlorohexane	11.99	91	115748	23.2880	ug/kg	97
67) Chlorobenzene	12.30	112	235942	21.7084	ug/kg	99
68) 1,1,1,2-Tetrachloroethane	12.36	131	80669	22.0744	ug/kg	99
69) Ethylbenzene	12.37	106	126758	22.7609	ug/kg	99
70) m-,p-Xylene	12.46	106	305266	45.5324	ug/kg	99
71) o-Xylene	13.00	106	142349	22.8909	ug/kg	97
72) Styrene	13.04	104	234758	23.6740	ug/kg	97
73) Bromoform	13.46	173	43146	21.0723	ug/kg	100
74) Isopropylbenzene	13.44	105	339719	20.8349	ug/kg	100
76) 1,1,2,2-Tetrachloroethane	13.65	83	66147	22.3085	ug/kg	98
78) 1,2,3-Trichloropropane	13.83	110	24913	22.4278	ug/kg	99
79) trans-1,4-Dichloro-2-Buten	13.91	53	24880	19.5248	ug/kg	98
80) n-Propylbenzene	13.94	91	447693	22.6445	ug/kg	99
81) Bromobenzene	14.00	156	98567	22.7224	ug/kg	100
82) 1,3,5-Trimethylbenzene	14.14	105	310771	23.2380	ug/kg	99
83) 2-Chlorotoluene	14.17	91	294314	21.6357	ug/kg	98
84) 4-Chlorotoluene	14.23	91	267269	21.7605	ug/kg	99
85) a-Methylstyrene	14.52	118	169356	21.1204	ug/kg	99
86) tert-Butylbenzene	14.58	134	71578	23.2709	ug/kg	97
87) 1,2,4-Trimethylbenzene	14.63	105	325599	22.9915	ug/kg	99
88) sec-Butylbenzene	14.84	105	411735	22.9304	ug/kg	99
89) p-Isopropyltoluene	15.02	119	348175	22.3343	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	182921	21.7855	ug/kg	99
91) 1,4-Dichlorobenzene	15.28	146	185689	21.3083	ug/kg	100
92) n-Butylbenzene	15.53	91	313733	22.5622	ug/kg	100
93) 1,2-Dichlorobenzene	15.74	146	165305	21.5530	ug/kg	100
94) 1,2-Dibromo-3-Chloropropan	16.72	157	15040	21.2806	ug/kg	99
95) 1,2,4-Trichlorobenzene	17.84	180	109465	21.3963	ug/kg	99
96) Hexachlorobutadiene	18.02	225	56810	21.2446	ug/kg	96
97) Naphthalene	18.17	128	250056	22.0854	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	99292	21.0720	ug/kg	100

(#) = qualifier out of range (m) = manual integration
9M56020.D 826_SLST.M Tue Aug 14 18:23:48 2007

Data File : C:\MSDchem\1\data\081407\9M56020.D

Vial: 14

Acq On : 14 Aug 2007 18:01

Operator: MES

Sample : WG247666-12 20ug/Kg ALT SOURCE

Inst : HPMS9

Misc : 7,1 STD21327

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Aug 14 18:23 2007

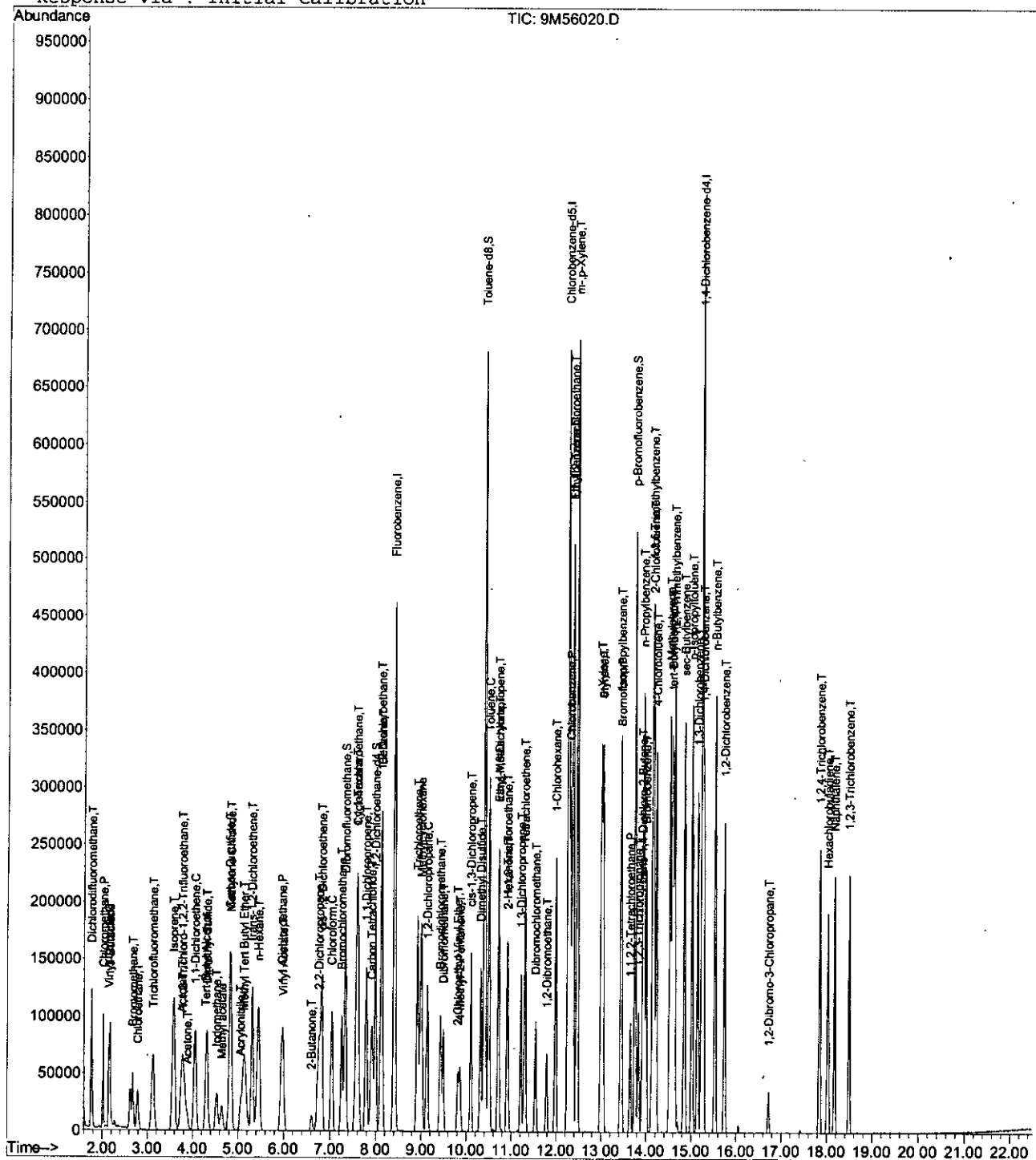
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Tue Aug 14 17:25:57 2007

Response via : Initial Calibration



9M56020.D 826 SLST.M

Tue Aug 14 18:23:49 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090807\11M45290.D

Vial: 3

Acq On : 8 Sep 2007 15:41

Operator: MES

Sample : WG249649-02 50ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21828

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 16:03:47 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	839339	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	560296	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	300714	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	193887	22.3710349	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 89.48%			
42) 1,2-Dichloroethane-d4	9.988	65	244215	21.4983073	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 85.99%			
56) Toluene-d8	12.242	98	708970	23.8021444	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 95.21%			
77) p-Bromofluorobenzene	15.406	95	284841	23.8896848	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 95.56%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	600782	47.7598	ug/L	100
3) Chloromethane	3.51	50	534683	45.7317	ug/L	100
4) Vinyl Chloride	3.73	62	527071	47.3860	ug/L	100
5) 1,3-Butadiene	3.77	54	4658	Below Cal	#	32
6) Bromomethane	4.61	94	285972	48.9665	ug/L	99
7) Chloroethane	4.77	64	359052	48.6372	ug/L	100
8) Trichlorofluoromethane	5.26	101	866226	48.3252	ug/L	97
10) Isoprene	5.81	67	560342	48.4487	ug/L	99
11) Acrolein	5.99	56	32923	106.9345	ug/L	92
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	378148	48.7233	ug/L	100
13) Acetone	6.09	43	53694	40.6342	ug/L	98
14) 1,1-Dichloroethene	6.32	61	858441	54.0783	ug/L	98
16) Dimethyl Sulfide	6.58	62	575174	49.3392	ug/L	100
17) Iodomethane	6.81	142	453696	57.4265	ug/L	100
18) Methyl acetate	6.82	43	182199	50.9245	ug/L	98
19) Methylene Chloride	7.07	84	406820	47.4591	ug/L	98
20) Carbon Disulfide	7.11	76	1171674	47.5772	ug/L	100
21) Acrylonitrile	7.23	53	93872	45.6019	ug/L	100
22) Methyl Tert Butyl Ether	7.30	73	957461	49.2858	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	425530	50.6799	ug/L	99
24) n-Hexane	7.62	57	653352	48.6682	ug/L	99
26) Vinyl Acetate	8.08	43	540644	43.4963	ug/L	99
27) 1,1-Dichloroethane	8.11	63	977635	51.4751	ug/L	99
29) 2-Butanone	8.63	43	78650	44.6134	ug/L	97
31) 2,2-Dichloropropane	8.86	77	884650	51.5331	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	442057	51.3988	ug/L	99
33) Chloroform	9.11	83	868847	52.0292	ug/L	100
34) Bromochloromethane	9.33	130	229231	51.3605	ug/L	100
37) 1,1,1-Trichloroethane	9.63	97	844797	53.7303	ug/L	99
38) Cyclohexane	9.67	56	828102	48.9648	ug/L	99
39) 1,1-Dichloropropene	9.81	75	650420	52.3938	ug/L	98
40) Carbon Tetrachloride	9.96	117	690023	48.9558	ug/L	100
43) 1,2-Dichloroethane	10.10	62	721140	51.4735	ug/L	100
44) Benzene	10.15	78	1621021	50.0158	ug/L	100
45) Trichloroethene	10.87	130	417150	51.2659	ug/L	100
46) Methylcyclohexane	10.96	83	607704	49.1434	ug/L	100
47) 1,2-Dichloropropane	11.06	63	465687	51.3642	ug/L	98
49) Bromodichloromethane	11.34	83	629165	53.7181	ug/L	99
50) Dibromomethane	11.42	93	195490	53.0645	ug/L	99
51) 2-Chloroethyl Vinyl Ether	11.62	63	204676	49.2663	ug/L	99

(#)=qualifier out of range (m)=manual integration

11M45290.D 8260WT.M Wed Sep 12 12:14:03 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090807\11M45290.D

Vial: 3

Acq On : 8 Sep 2007 15:41

Operator: MES

Sample : WG249649-02 50ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21828

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 16:03:47 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52) 4-Methyl-2-Pentanone	11.65	58	93949	47.7791	ug/L	98
53) cis-1,3-Dichloropropene	11.93	75	692848	52.9226	ug/L	100
54) Dimethyl Disulfide	12.18	79	360729	51.4466	ug/L	100
57) Toluene	12.34	91	1730270	54.7038	ug/L	100
58) Ethyl Methacrylate	12.43	69	322224	51.8542	ug/L	100
59) trans-1,3-Dichloropropene	12.49	75	630471	57.4869	ug/L	99
60) 1,1,2-Trichloroethane	12.70	97	255598	51.4001	ug/L	99
61) 2-Hexanone	12.65	43	137132	52.6291	ug/L #	99
62) 1,3-Dichloropropane	12.99	76	507698	54.8858	ug/L	99
63) Tetrachloroethene	13.11	164	314215	51.2014	ug/L	100
64) Dibromochloromethane	13.35	129	372811	52.9566	ug/L	100
65) 1,2-Dibromoethane	13.59	107	257097	55.6765	ug/L	100
66) 1-Chlorohexane	13.68	91	550733	50.3861	ug/L	100
67) Chlorobenzene	14.06	112	1164054	54.6983	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.08	131	408395	58.2159	ug/L	96
69) Ethylbenzene	14.08	106	624289	55.7181	ug/L	98
70) m-,p-Xylene	14.18	106	1587631	111.9373	ug/L	100
71) o-Xylene	14.69	106	750872	55.1767	ug/L	99
72) Styrene	14.72	104	1256747	57.0961	ug/L	98
73) Bromoform	15.18	173	189499	53.2155	ug/L	99
74) Isopropylbenzene	15.09	105	1954824	55.9983	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	250641	54.5337	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	92703	51.3741	ug/L	100
79) trans-1,4-Dichloro-2-Buten	15.50	53	116504	51.8243	ug/L	99
80) n-Propylbenzene	15.56	91	2423621	56.2145	ug/L	100
81) Bromobenzene	15.68	156	415264	56.1700	ug/L	97
82) 1,3,5-Trimethylbenzene	15.74	105	1742750	56.6719	ug/L	99
83) 2-Chlorotoluene	15.81	91	1543737	53.1178	ug/L	90
84) 4-Chlorotoluene	15.85	91	1599031	56.8599	ug/L	90
85) a-Methylstyrene	16.10	118	885564	55.1505	ug/L	98
86) tert-Butylbenzene	16.16	134	305416	56.5237	ug/L	98
87) 1,2,4-Trimethylbenzene	16.21	105	1797785	56.4243	ug/L	100
88) sec-Butylbenzene	16.42	105	1957355	55.9813	ug/L	100
89) p-Isopropyltoluene	16.56	119	1719394	56.3362	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	843244	54.3967	ug/L	98
91) 1,4-Dichlorobenzene	16.86	146	849224	55.3967	ug/L	98
92) n-Butylbenzene	17.05	91	1561980	54.1233	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	728912	54.6437	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	18.23	75	53111	54.5147	ug/L	95
95) 1,2,4-Trichlorobenzene	19.29	180	525303	52.0404	ug/L	99
96) Hexachlorobutadiene	19.44	225	182670	52.2420	ug/L	99
97) Naphthalene	19.64	128	904962	52.0322	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	417497	51.3277	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45290.D 8260WT.M Wed Sep 12 12:14:03 2007

Data File : C:\MSDCHEM\1\DATA\090807\11M45290.D

Vial: 3

Acq On : 8 Sep 2007 15:41

Operator: MES

Sample : WG249649-02 50ug/L WATER STD 8260

Inst : HPMS11

Misc : 1,1 STD21828

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 8 16:03 2007

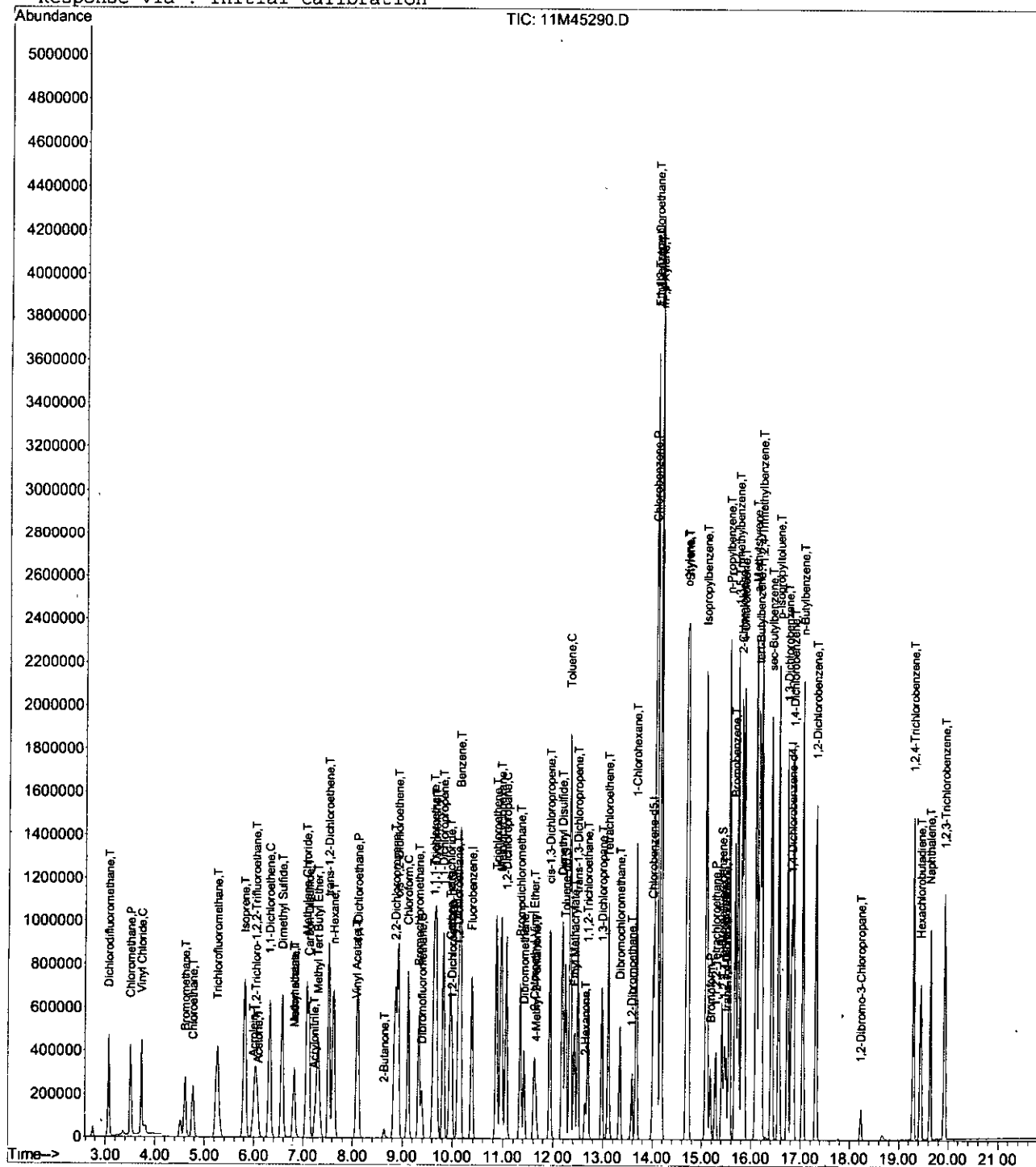
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



Data File : C:\MSDCHEM\1\data\091007\9M56636.D

Vial: 3

Acq On : 10 Sep 2007 10:03

Operator: MES

Sample : WG249680-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21737

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 10:25:45 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	601147	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	503579	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	275813	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	179482	54.2915	ug/kg	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	108.58%	
42) 1,2-Dichloroethane-d4	7.99	65	181631	50.5567	ug/kg	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	101.12%	
56) Toluene-d8	10.40	98	616329	53.6383	ug/kg	0.00
Spiked Amount 50.000	Range 81	- 117	Recovery	=	107.28%	
77) p-Bromofluorobenzene	13.75	95	230859	51.5219	ug/kg	0.00
Spiked Amount 50.000	Range 74	- 121	Recovery	=	103.04%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	197543	48.7115	ug/kg	99
3) Chloromethane	2.02	50	162705	47.4013	ug/kg	98
4) Vinyl Chloride	2.14	62	125581	50.9483	ug/kg	99
5) 1,3-Butadiene	2.17	54	77771	65.9082	ug/kg	98
6) Bromomethane	2.67	94	93478	52.0892	ug/kg	99
7) Chloroethane	2.78	64	97255	49.0597	ug/kg	99
8) Trichlorofluoromethane	3.12	101	322337	51.6282	ug/kg	99
9) Diethyl ether	3.57	59	214283	92.7146	ug/kg	95
10) Isoprene	3.57	67	209264	46.3693	ug/kg	98
11) Acrolein	3.75	56	32755	133.9470	ug/kg	100
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	170403	52.0593	ug/kg	97
13) Acetone	3.88	43	34906	34.9876	ug/kg	99
14) 1,1-Dichloroethene	4.05	96	153567	51.6727	ug/kg	96
15) Tert-Butyl Alcohol	4.24	59	66517	213.4975	ug/kg	91
16) Dimethyl Sulfide	4.30	62	165666	44.8006	ug/kg	96
17) Iodomethane	4.53	142	246276	57.5013	ug/kg	99
18) Methyl acetate	4.64	43	109265	49.0249	ug/kg	96
19) Methylene Chloride	4.84	84	149508	46.1069	ug/kg	92
20) Carbon Disulfide	4.81	76	449534	44.8481	ug/kg	100
21) Acrylonitrile	5.05	53	42651	41.6040	ug/kg	97
22) Methyl Tert Butyl Ether	5.13	73	396333	47.9148	ug/kg	98
23) trans-1,2-Dichloroethene	5.31	96	172279	50.7769	ug/kg	94
24) n-Hexane	5.44	57	248426	42.1396	ug/kg	98
25) Diisopropyl ether	5.84	45	862692	85.6918	ug/kg	97
26) Vinyl Acetate	5.99	43	232052	35.5175	ug/kg	96
27) 1,1-Dichloroethane	5.95	63	283555	46.6848	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.43	59	840674	91.5076	ug/kg	98
29) 2-Butanone	6.60	43	59890	42.8933	ug/kg	96
30) Propionitrile	6.68	54	33793	98.3860	ug/kg	99
31) 2,2-Dichloropropane	6.76	77	263655	51.0364	ug/kg	99
32) cis-1,2-Dichloroethene	6.82	96	174044	50.5100	ug/kg	94
33) Chloroform	7.04	83	280567	47.7635	ug/kg	99
34) Bromochloromethane	7.25	128	87225	51.8024	ug/kg	89
35) Tetrahydrofuran	7.33	42	70600	87.0960	ug/kg	92
37) 1,1,1-Trichloroethane	7.58	97	292316	52.0679	ug/kg	96
38) Cyclohexane	7.60	56	286830	44.6683	ug/kg	95
39) 1,1-Dichloropropene	7.79	75	226504	50.3423	ug/kg	98
40) Carbon Tetrachloride	7.91	117	281529	58.3996	ug/kg	99
41) Tert-Amyl-Methyl ether	7.97	73	703659	96.0911	ug/kg	98
43) 1,2-Dichloroethane	8.11	62	214332	47.5097	ug/kg	97

(#) = qualifier out of range (m) = manual integration
 9M56636.D 826_SLST.M Mon Sep 10 10:25:47 2007

Data File : C:\MSDCHEM\1\data\091007\9M56636.D

Vial: 3

Acq On : 10 Sep 2007 10:03

Operator: MES

Sample : WG249680-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21737

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 10:25:45 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	600534	48.1540	ug/kg	99
45) Trichloroethene	8.92	130	204957	53.2830	ug/kg	98
46) Methylcyclohexane	9.00	83	285374	49.8021	ug/kg	96
47) 1,2-Dichloropropane	9.13	63	140950	47.9258	ug/kg	96
48) Bromodichloromethane	9.42	83	201093	51.5721	ug/kg	100
49) 1,4-Dioxane	9.48	88	4544	211.7865	ug/kg	84
50) Dibromomethane	9.48	93	88700	49.0108	ug/kg	97
51) 2-Chloroethyl Vinyl Ether	9.81	63	47074	40.9888	ug/kg	99
52) 4-Methyl-2-Pentanone	9.85	58	54273	52.3724	ug/kg	96
53) cis-1,3-Dichloropropene	10.09	75	231834	50.9204	ug/kg	98
54) Dimethyl Disulfide	10.31	79	126321	49.1993	ug/kg	97
57) Toluene	10.50	91	671414	48.8403	ug/kg	100
58) Ethyl Methacrylate	10.70	69	181382	55.5558	ug/kg	98
59) trans-1,3-Dichloropropene	10.71	75	222929	50.9863	ug/kg	98
60) 1,1,2-Trichloroethane	10.91	97	123853	49.2226	ug/kg	97
61) 2-Hexanone	10.92	43	100306	50.3056	ug/kg	96
62) 1,3-Dichloropropane	11.21	76	201915	47.1883	ug/kg	92
63) Tetrachloroethene	11.30	164	156932	52.1828	ug/kg	97
64) Dibromochloromethane	11.54	129	173808	56.2425	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	130991	50.8803	ug/kg	100
66) 1-Chlorohexane	11.98	91	236872	53.4735	ug/kg	94
67) Chlorobenzene	12.30	112	470218	48.5431	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.35	131	176611	54.2259	ug/kg	100
69) Ethylbenzene	12.36	106	252178	50.8076	ug/kg	97
70) m-,p-Xylene	12.46	106	609933	102.0778	ug/kg	100
71) o-Xylene	13.00	106	286750	51.7392	ug/kg	98
72) Styrene	13.04	104	465424	52.6633	ug/kg	99
73) Bromoform	13.46	173	103232	56.5708	ug/kg	100
74) Isopropylbenzene	13.44	105	746459	51.3671	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	129166	47.5804	ug/kg	100
78) 1,2,3-Trichloropropane	13.83	110	51358	50.4996	ug/kg	95
79) trans-1,4-Dichloro-2-Butene	13.91	53	66003	56.5742	ug/kg	99
80) n-Propylbenzene	13.94	91	912955	50.4373	ug/kg	99
81) Bromobenzene	14.00	156	200593	50.5076	ug/kg	95
82) 1,3,5-Trimethylbenzene	14.14	105	633861	51.7693	ug/kg	99
83) 2-Chlorotoluene	14.17	91	599897	48.1677	ug/kg	97
84) 4-Chlorotoluene	14.22	91	538570	47.8941	ug/kg	98
85) a-Methylstyrene	14.52	118	416355	56.7133	ug/kg	99
86) tert-Butylbenzene	14.58	134	147069	52.2246	ug/kg	97
87) 1,2,4-Trimethylbenzene	14.63	105	640098	49.3685	ug/kg	99
88) sec-Butylbenzene	14.85	105	830489	50.5182	ug/kg	98
89) p-Isopropyltoluene	15.02	119	743235	52.0740	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	377269	49.0766	ug/kg	99
91) 1,4-Dichlorobenzene	15.27	146	383617	48.0817	ug/kg	98
92) n-Butylbenzene	15.53	91	625439	49.1275	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	340581	48.5021	ug/kg	99
94) 1,2-Dibromo-3-Chloropropan	16.72	157	34849	53.8573	ug/kg	96
95) 1,2,4-Trichlorobenzene	17.84	180	226144	48.2801	ug/kg	100
96) Hexachlorobutadiene	18.03	225	121892	49.7872	ug/kg	99
97) Naphthalene	18.17	128	516694	49.8448	ug/kg	99
98) 1,2,3-Trichlorobenzene	18.49	180	205053	47.5310	ug/kg	99

(#) = qualifier out of range (m) = manual integration
9M56636.D 826_SLST.M Mon Sep 10 10:25:47 2007

Data File : C:\MSDCHEM\1\data\091007\9M56636.D

Vial: 3

Acq On : 10 Sep 2007 10:03

Operator: MES

Sample : WG249680-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21737

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 10:25 2007

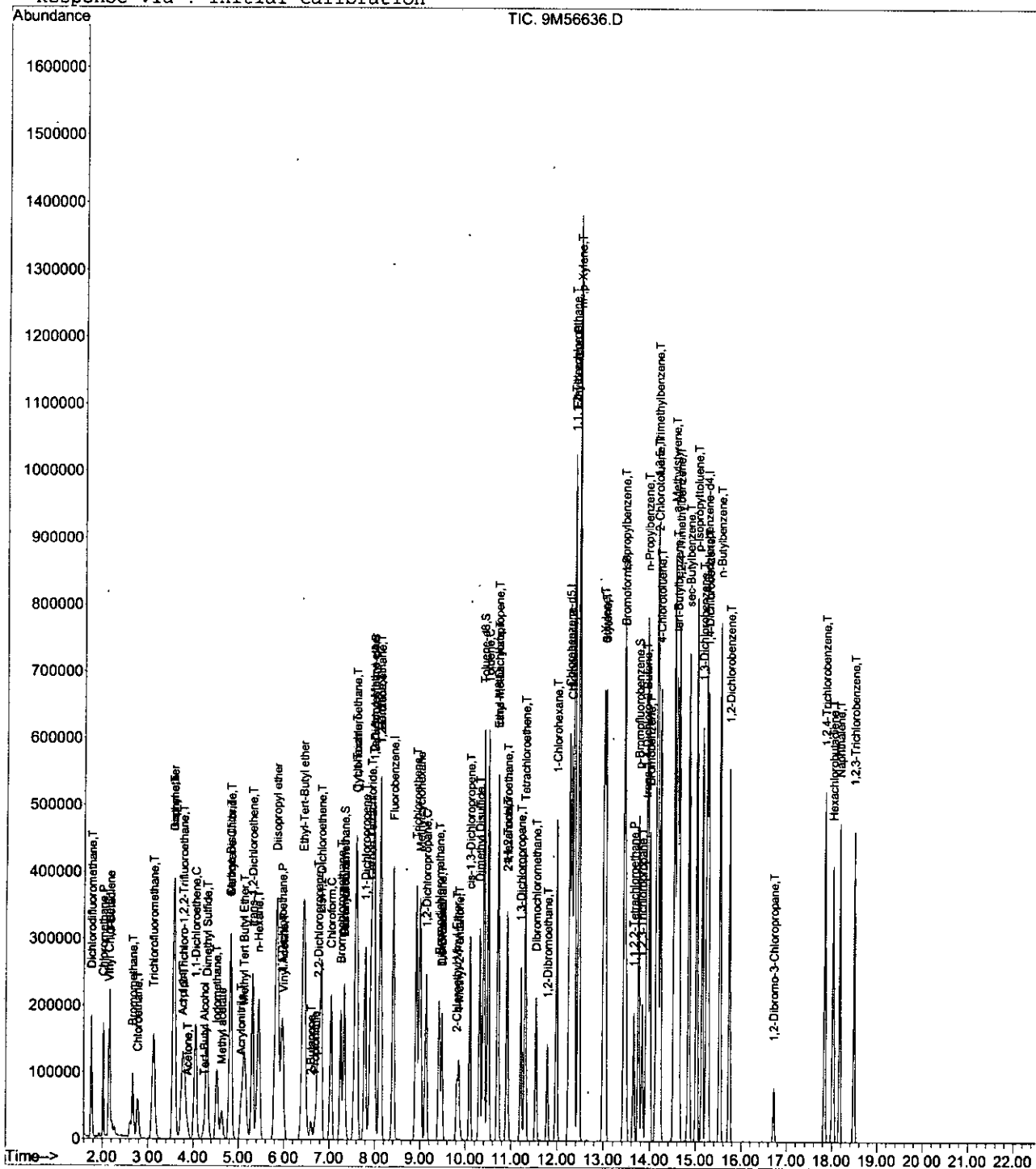
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration



Data File : C:\MSDCHEM\1\data\091107\9M56664.D

Vial: 2

Acq On : 11 Sep 2007 9:43

Operator: MES

Sample : WG249772-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21828

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 10:05:38 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	560950	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	471466	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	266175	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	181973	58.9895	ug/kg	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	117.98%	
42) 1,2-Dichloroethane-d4	7.99	65	191655	57.1696	ug/kg	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	114.34%	
56) Toluene-d8	10.40	98	608367	56.5516	ug/kg	0.00
Spiked Amount 50.000	Range 81	- 117	Recovery	=	113.10%	
77) p-Bromofluorobenzene	13.75	95	236108	54.6013	ug/kg	0.00
Spiked Amount 50.000	Range 74	- 121	Recovery	=	109.20%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	200442	52.9682	ug/kg	99
3) Chloromethane	2.02	50	164348	51.3110	ug/kg	99
4) Vinyl Chloride	2.15	62	126653	55.0652	ug/kg	97
5) 1,3-Butadiene	2.17	54	79295	73.4131	ug/kg	97
6) Bromomethane	2.68	94	93321	55.7281	ug/kg	100
7) Chloroethane	2.78	64	101215	54.7160	ug/kg	100
8) Trichlorofluoromethane	3.12	101	326575	56.0553	ug/kg	100
9) Diethyl ether	3.57	59	235470	109.1823	ug/kg	97
10) Isoprene	3.58	67	228885	54.3513	ug/kg	98
11) Acrolein	3.75	56	33991	148.9622	ug/kg	99
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	170974	55.9767	ug/kg	98
13) Acetone	3.88	43	48161	54.4038	ug/kg	100
14) 1,1-Dichloroethene	4.05	96	151713	54.7070	ug/kg	97
15) Tert-Butyl Alcohol	4.26	59	71328	245.3447	ug/kg#	80
16) Dimethyl Sulfide	4.30	62	180678	52.3615	ug/kg	96
17) Iodomethane	4.53	142	259316	64.8846	ug/kg	98
18) Methyl acetate	4.64	43	127486	61.2992	ug/kg	97
19) Methylene Chloride	4.84	84	148530	49.2933	ug/kg	95
20) Carbon Disulfide	4.82	76	490298	52.4202	ug/kg	100
21) Acrylonitrile	5.05	53	53374	55.7946	ug/kg	95
22) Methyl Tert Butyl Ether	5.13	73	425458	55.1217	ug/kg	99
23) trans-1,2-Dichloroethene	5.31	96	168232	53.1373	ug/kg	98
24) n-Hexane	5.45	57	268746	48.8531	ug/kg	98
25) Diisopropyl ether	5.84	45	954769	101.6338	ug/kg	97
26) Vinyl Acetate	5.99	43	239864	39.3440	ug/kg	98
27) 1,1-Dichloroethane	5.96	63	284706	50.2333	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.43	59	916973	106.9652	ug/kg	98
29) 2-Butanone	6.60	43	68845	52.8402	ug/kg	95
30) Propionitrile	6.68	54	37622	117.3829	ug/kg	98
31) 2,2-Dichloropropane	6.76	77	262298	54.4121	ug/kg	100
32) cis-1,2-Dichloroethene	6.82	96	172399	53.6178	ug/kg	97
33) Chloroform	7.04	83	284968	51.9891	ug/kg	100
34) Bromochloromethane	7.25	128	86814	55.2529	ug/kg	92
35) Tetrahydrofuran	7.33	42	83073	109.8272	ug/kg	94
37) 1,1,1-Trichloroethane	7.57	97	291168	55.5799	ug/kg	98
38) Cyclohexane	7.60	56	303544	50.6586	ug/kg	96
39) 1,1-Dichloropropene	7.79	75	225956	53.8193	ug/kg	99
40) Carbon Tetrachloride	7.91	117	277211	61.6245	ug/kg	99
41) Tert-Amyl-Methyl ether	7.96	73	767105	112.2618	ug/kg	99
43) 1,2-Dichloroethane	8.11	62	220768	52.4430	ug/kg	97

(#) = qualifier out of range (m) = manual integration
 9M56664.D 826_SLST.M Tue Sep 11 10:05:41 2007

Data File : C:\MSDchem\1\data\091107\9M56664.D

Vial: 2

Acq On : 11 Sep 2007 9:43

Operator: MES

Sample : WG249772-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21828

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 10:05:38 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826_SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	596625	51.2687	ug/kg	99
45) Trichloroethene	8.91	130	198899	55.4135	ug/kg	99
46) Methylcyclohexane	9.00	83	293696	54.9272	ug/kg	96
47) 1,2-Dichloropropane	9.13	63	141020	51.3856	ug/kg	96
48) Bromodichloromethane	9.42	83	205520	56.4844	ug/kg	100
49) 1,4-Dioxane	9.47	88	4834	236.5917	ug/kg	98
50) Dibromomethane	9.49	93	91880	54.4058	ug/kg	99
51) 2-Chloroethyl Vinyl Ether	9.81	63	50308	46.9438	ug/kg	98
52) 4-Methyl-2-Pentanone	9.85	58	54998	56.8751	ug/kg	95
53) cis-1,3-Dichloropropene	10.10	75	236877	55.7563	ug/kg	99
54) Dimethyl Disulfide	10.31	79	132378	54.9906	ug/kg	98
57) Toluene	10.49	91	671766	52.1943	ug/kg	100
58) Ethyl Methacrylate	10.71	69	192626	63.0184	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	226626	55.3623	ug/kg	99
60) 1,1,2-Trichloroethane	10.91	97	126420	53.6650	ug/kg	99
61) 2-Hexanone	10.92	43	102237	54.7664	ug/kg	96
62) 1,3-Dichloropropane	11.21	76	207378	51.7661	ug/kg	95
63) Tetrachloroethene	11.31	164	151670	53.8682	ug/kg	99
64) Dibromochloromethane	11.54	129	175212	60.5586	ug/kg	100
65) 1,2-Dibromoethane	11.79	107	133423	55.3549	ug/kg	100
66) 1-Chlorohexane	11.99	91	238654	57.5454	ug/kg	97
67) Chlorobenzene	12.30	112	467712	51.5732	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.35	131	176405	57.8518	ug/kg	100
69) Ethylbenzene	12.37	106	249134	53.6132	ug/kg	98
70) m-,p-Xylene	12.46	106	608794	108.8270	ug/kg	99
71) o-Xylene	13.00	106	286739	55.2612	ug/kg	98
72) Styrene	13.05	104	467221	56.4675	ug/kg	100
73) Bromoform	13.46	173	107814	63.1059	ug/kg	99
74) Isopropylbenzene	13.44	105	742697	54.5894	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	137173	52.3595	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	54528	55.5581	ug/kg	92
79) trans-1,4-Dichloro-2-Butene	13.91	53	69972	62.1479	ug/kg	98
80) n-Propylbenzene	13.94	91	915257	52.3954	ug/kg	99
81) Bromobenzene	14.00	156	200588	52.3352	ug/kg	96
82) 1,3,5-Trimethylbenzene	14.14	105	639954	54.1595	ug/kg	100
83) 2-Chlorotoluene	14.17	91	597183	49.6860	ug/kg	96
84) 4-Chlorotoluene	14.22	91	552847	50.9439	ug/kg	99
85) a-Methylstyrene	14.53	118	417132	58.8765	ug/kg	99
86) tert-Butylbenzene	14.58	134	144989	53.3502	ug/kg	98
87) 1,2,4-Trimethylbenzene	14.63	105	648054	51.7919	ug/kg	100
88) sec-Butylbenzene	14.85	105	838576	52.8572	ug/kg	98
89) p-Isopropyltoluene	15.01	119	750548	54.4905	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	380522	51.2921	ug/kg	99
91) 1,4-Dichlorobenzene	15.27	146	385391	50.0531	ug/kg	98
92) n-Butylbenzene	15.53	91	638924	52.0040	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	348760	51.4653	ug/kg	99
94) 1,2-Dibromo-3-Chloropropane	16.72	157	36728	58.8165	ug/kg	99
95) 1,2,4-Trichlorobenzene	17.84	180	232142	51.3552	ug/kg	100
96) Hexachlorobutadiene	18.02	225	123462	52.2545	ug/kg	98
97) Naphthalene	18.17	128	531863	53.1660	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	210555	50.5736	ug/kg	99

(#) = qualifier out of range (m) = manual integration
9M56664.D 826_SLST.M Tue Sep 11 10:05:42 2007

Data File : C:\MSDCHEM\1\data\091107\9M56664.D

Vial: 2

Acq On : 11 Sep 2007 9:43

Operator: MES

Sample : WG249772-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21828

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 10:05 2007

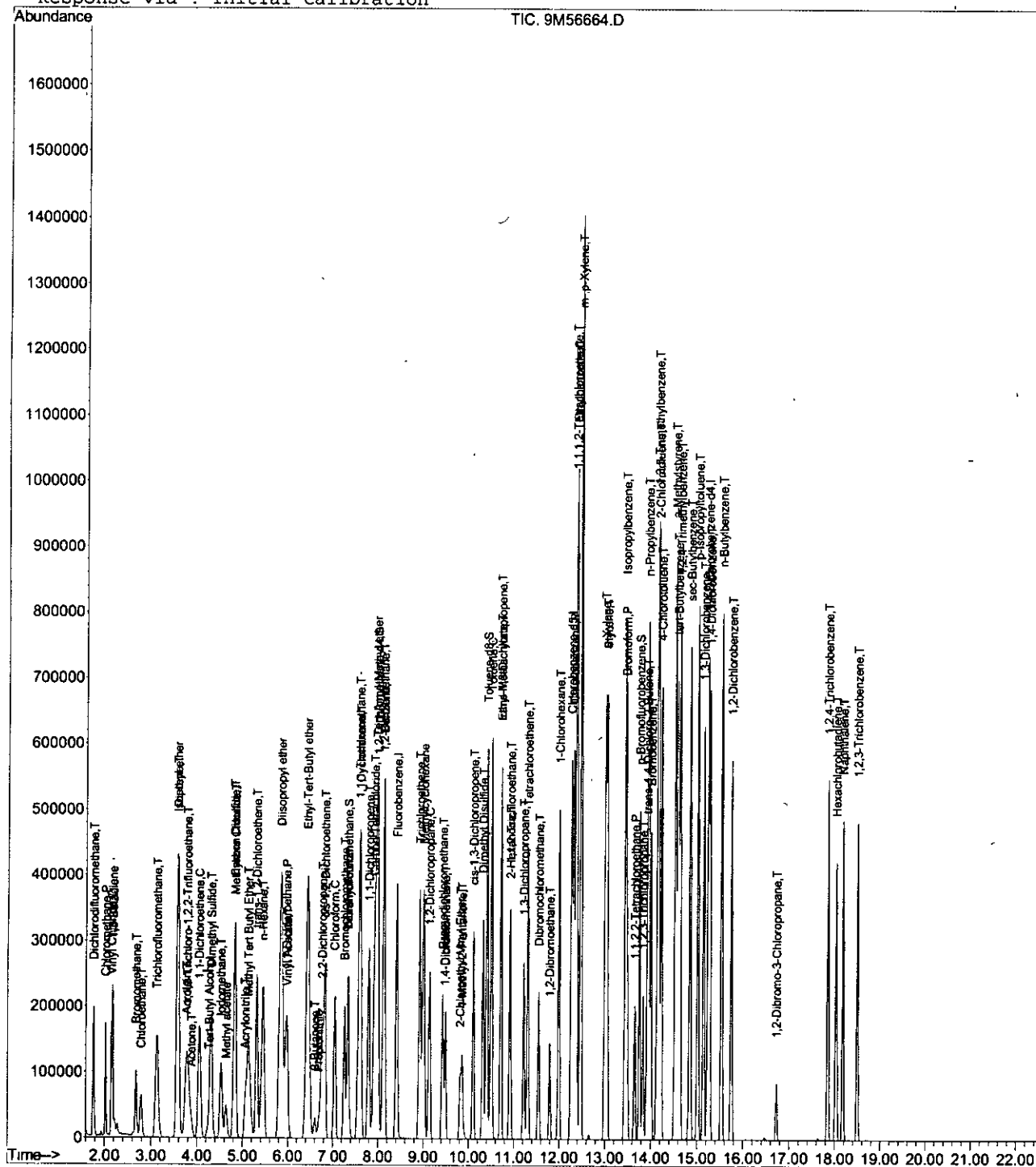
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration



2.1.1.5 Raw QC Data

Data File : C:\MSDCHEM\1\DATA\081407\9M56007.D

Vial: 3

Acq On : 14 Aug 2007 11:19

Operator: MES

Sample : WG247666-01 50NG BFB STD 8260

Inst : HPMS9

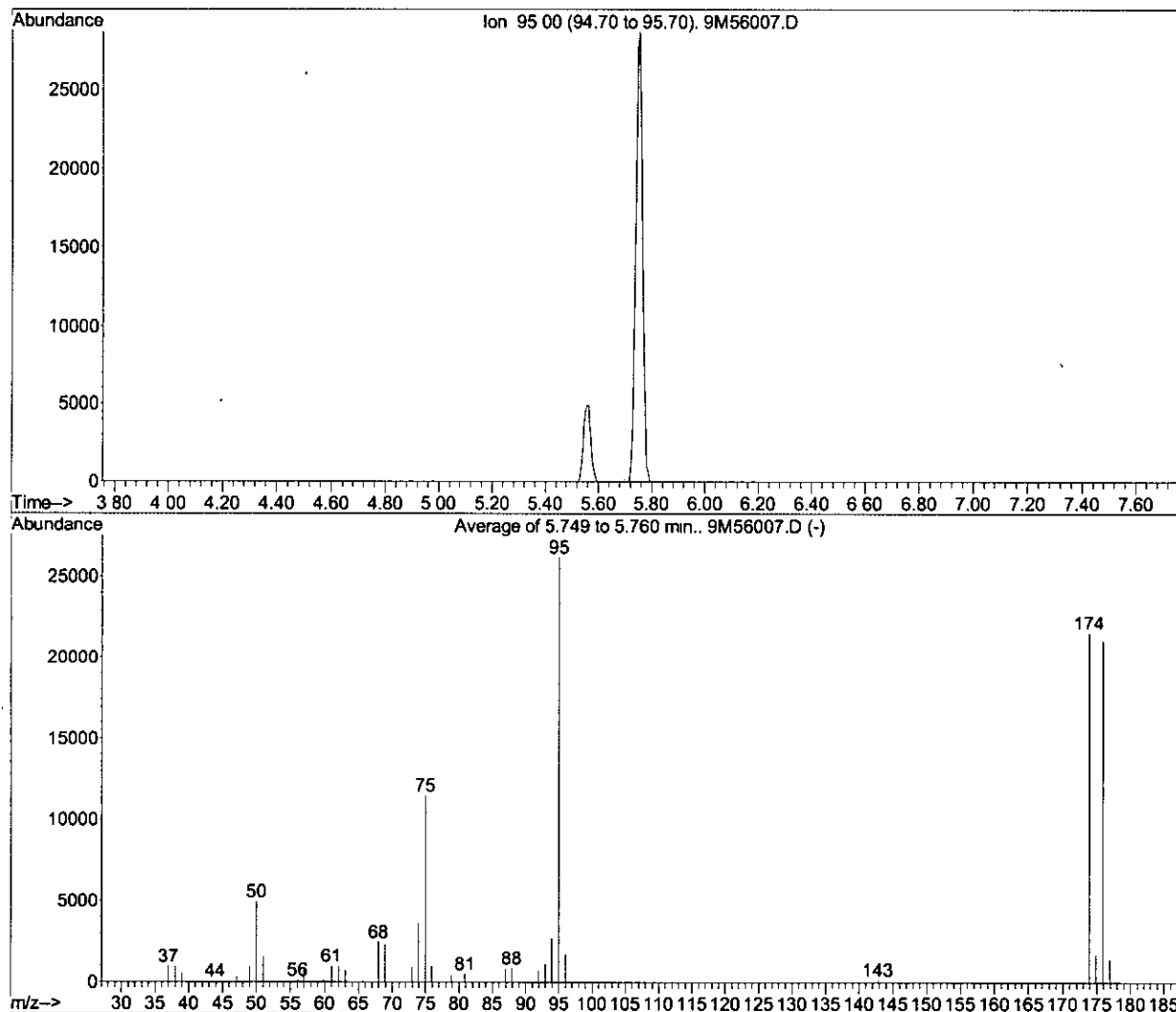
Misc : 7,1 STD21056

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)

Title :



AutoFind: Scans 124, 125, 126; Background Corrected with Scan 116

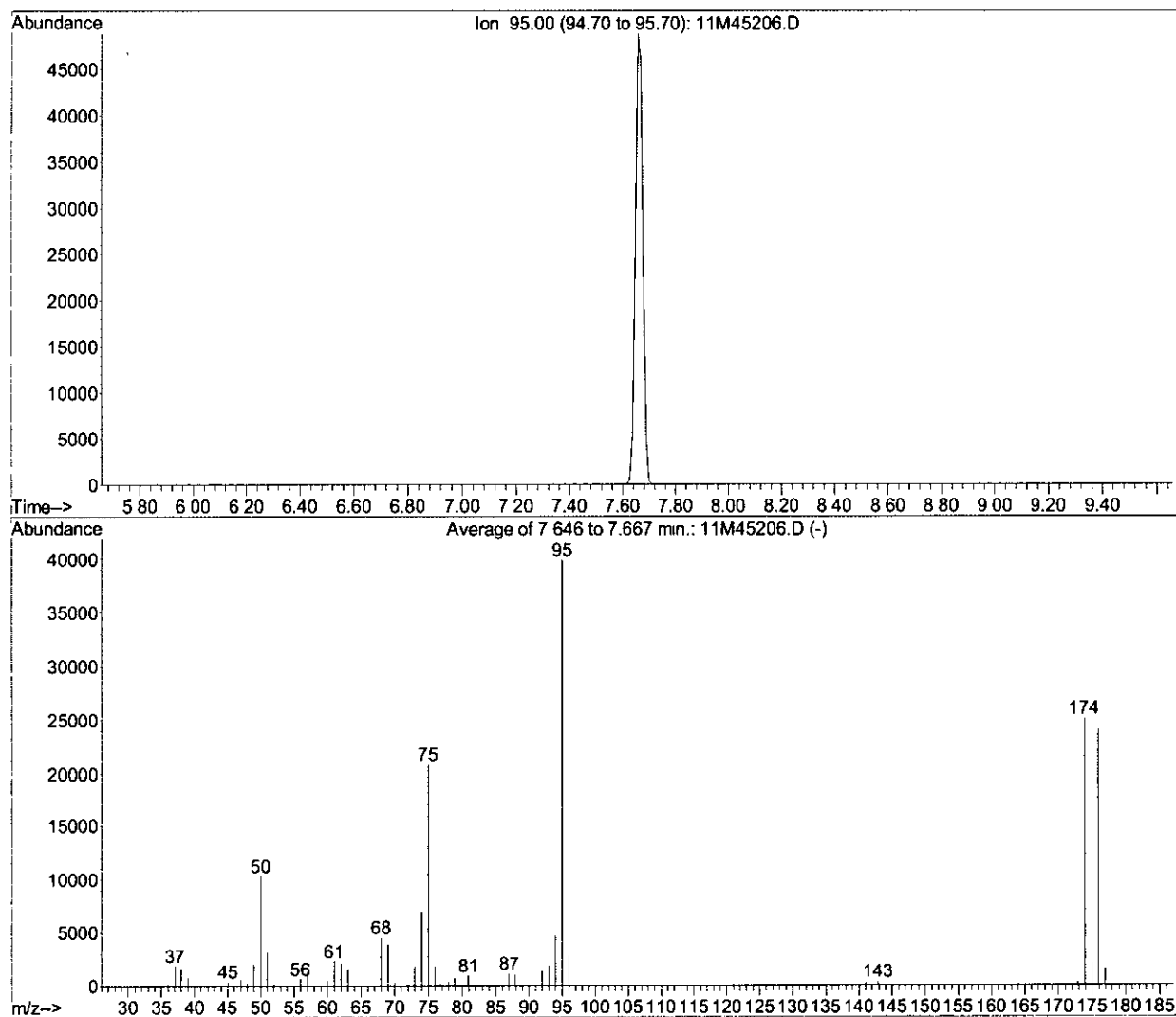
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	4941	PASS
75	95	30	60	43.9	11486	PASS
95	95	100	100	100.0	26157	PASS
96	95	5	9	6.5	1702	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.6	21613	PASS
175	174	5	9	7.9	1704	PASS
176	174	95	101	97.6	21090	PASS
177	176	5	9	6.6	1386	PASS

9M56007.D BFB.M

Tue Aug 14 11:35:30 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45206.D
Acq On : 5 Sep 2007 13:28
Sample : WG249372-01 50ng BFB STD 8260
Misc : 1,1 STD21685
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)
Title :

Vial: 1
Operator: MES
Inst : HPMS11
Multiplr: 1.00



AutoFind: Scans 152, 153, 154; Background Corrected with Scan 147

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.8	10280	PASS
75	95	30	60	52.3	20827	PASS
95	95	100	100	100.0	39826	PASS
96	95	5	9	7.0	2788	PASS
173	174	0.00	2	1.0	244	PASS
174	95	50	100	62.9	25032	PASS
175	174	5	9	8.0	1992	PASS
176	174	95	101	96.0	24027	PASS
177	176	5	9	6.3	1510	PASS

11M45206.D BFB.M Wed Sep 05 14:29:04 2007

Data File : C:\MSDCHEM\1\DATA\090807\11M45288.D

Vial: 2

Acq On : 8 Sep 2007 14:48

Operator: MES

Sample : WG249649-01 50NG BFB ST D8260

Inst : HPMS11

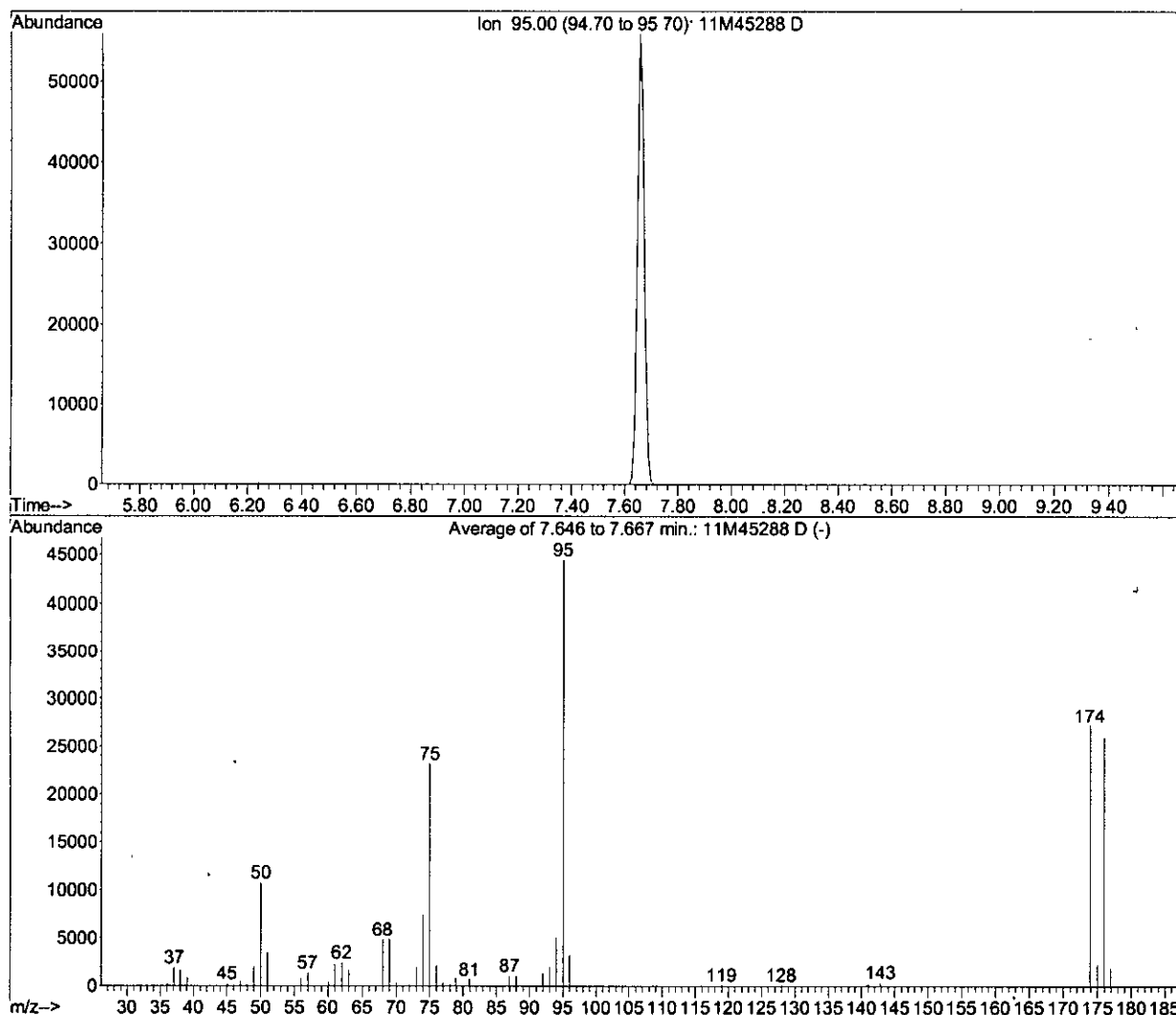
Misc : 1,1 STD21685

Multiplr: 1.00

MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)

Title :



AutoFind: Scans 152, 153, 154; Background Corrected with Scan 147

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	10717	PASS
75	95	30	60	52.1	23160	PASS
95	95	100	100	100.0	44445	PASS
96	95	5	9	7.2	3216	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	61.2	27184	PASS
175	174	5	9	8.1	2189	PASS
176	174	95	101	95.4	25931	PASS
177	176	5	9	7.1	1850	PASS

11M45288.D BFB.M

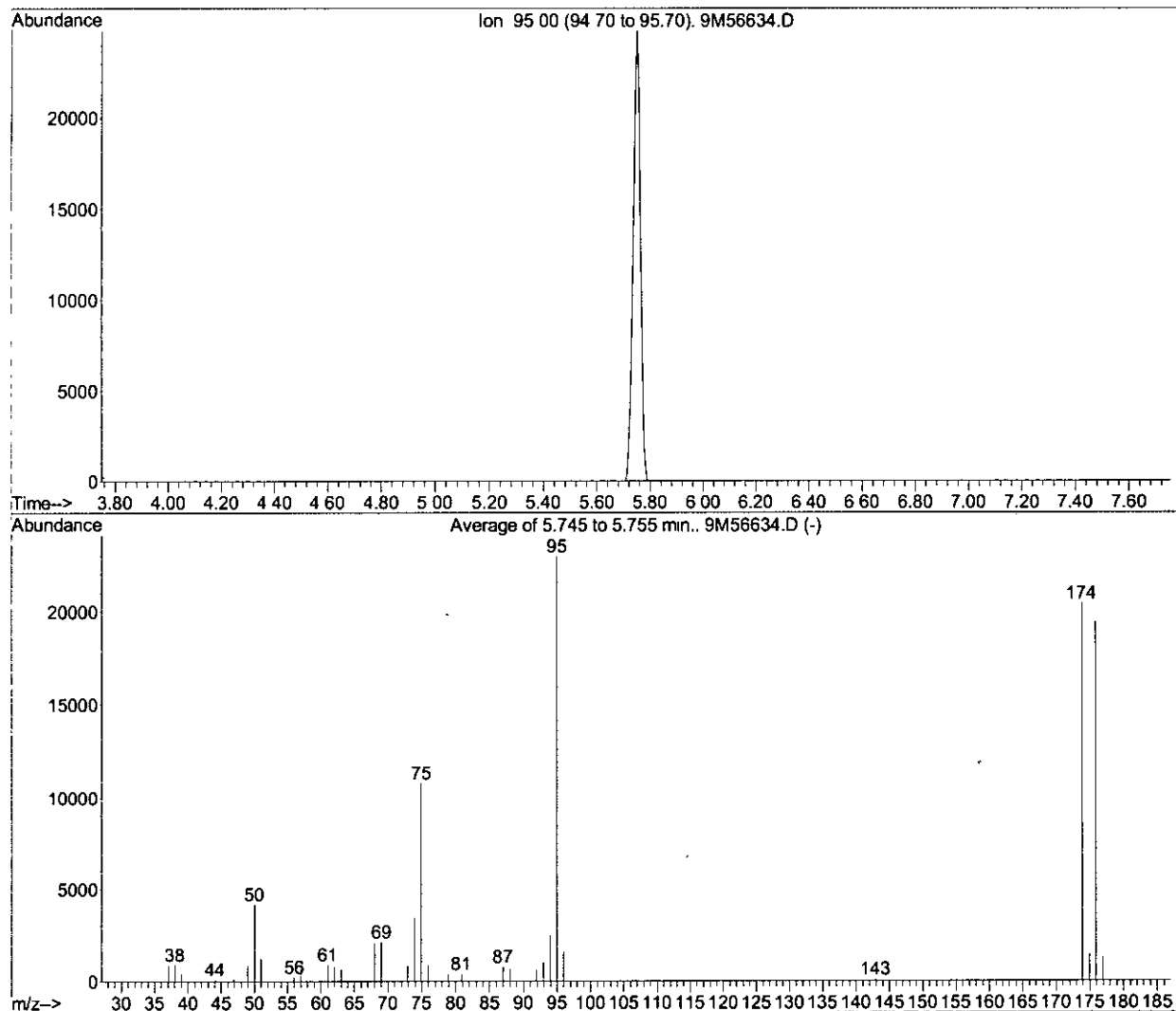
Sat Sep 08 15:04:00 2007

952 449

BFB

Data File : C:\MSDCHEM\1\DATA\091007\9M56634.D
Acq On : 10 Sep 2007 9:07
Sample : WG249680-01 50NG BFB STD 8260
Misc : 7,1 STD21685
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)
Title :

Vial: 1
Operator: MES
Inst : HPMS9
Multiplr: 1.00

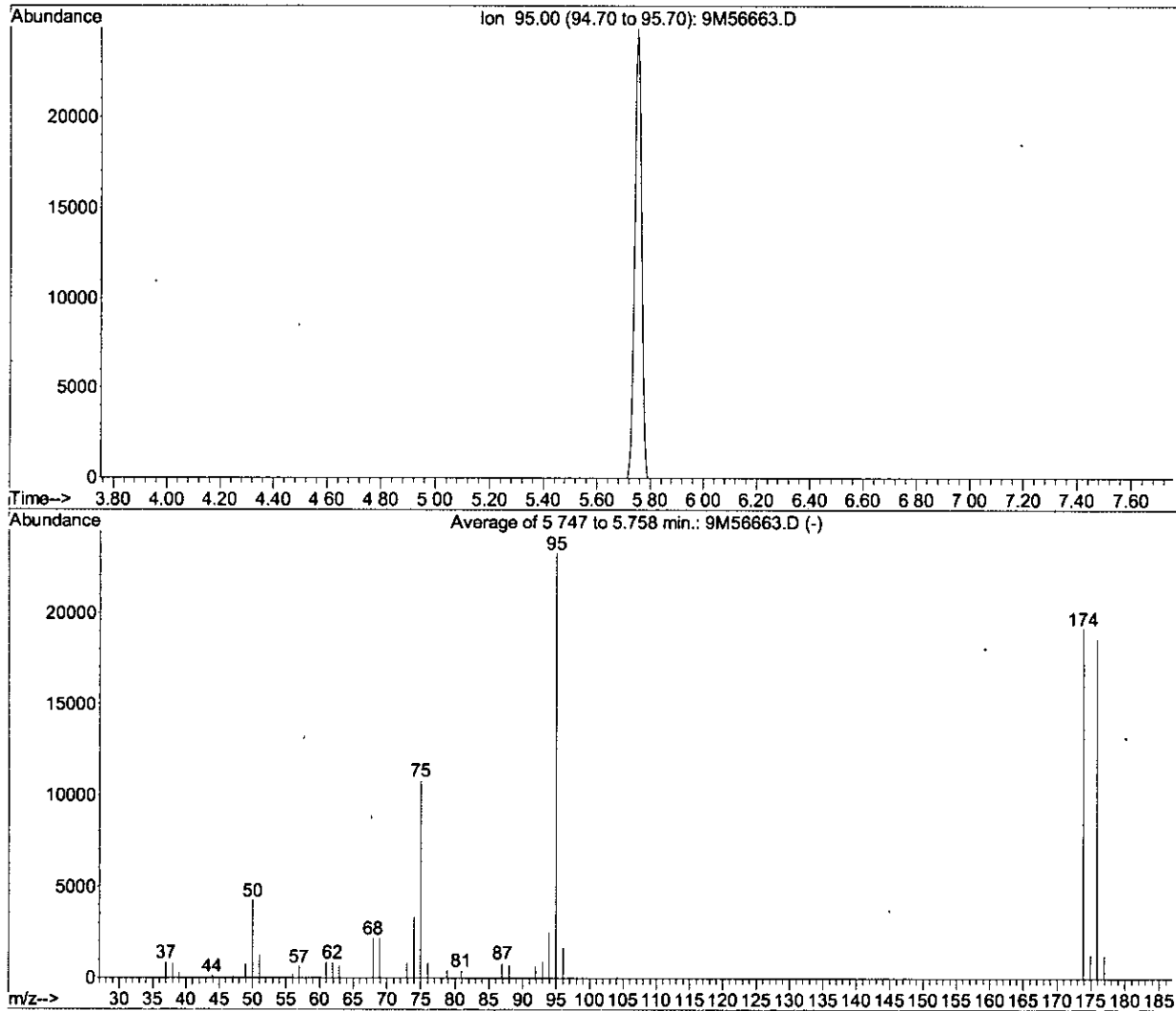


AutoFind: Scans 123, 124, 125; Background Corrected with Scan 114

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.1	4154	PASS
75	95	30	60	47.0	10776	PASS
95	95	100	100	100.0	22938	PASS
96	95	5	9	6.9	1592	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.9	20400	PASS
175	174	5	9	7.0	1424	PASS
176	174	95	101	95.1	19402	PASS
177	176	5	9	6.6	1276	PASS

9M56634.D BFB.M Mon Sep 10 09:52:57 2007

Data File : C:\MSDCHEM\1\DATA\091107\9M56663.D Vial: 1
 Acq On : 11 Sep 2007 9:20 Operator: MES
 Sample : WG249772-01 50NG BFB STD 8260 Inst : HPMS9
 Misc : 7,1 STD21685 Multiplr: 1.00
 MS Integration Params: rteint.p
 Method : C:\MSDCHEM\1\METHODS\BFB.M (RTE Integrator)
 Title :



AutoFind: Scans 123, 124, 125; Background Corrected with Scan 115

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.2	4224	PASS
75	95	30	60	46.4	10764	PASS
95	95	100	100	100.0	23197	PASS
96	95	5	9	7.1	1655	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.7	19178	PASS
175	174	5	9	6.7	1284	PASS
176	174	95	101	97.2	18632	PASS
177	176	5	9	6.7	1244	PASS

9M56663.D BFB.M Tue Sep 11 09:31:32 2007

Data File : C:\MSDCHEM\1\DATA\090807\11M45292.D

Vial: 4

Acq On : 8 Sep 2007 16:42

Operator: MES

Sample : WG249650-01 VBLK0908 BLANK 8260

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 17:04:12 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	818347	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	539199	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	292331	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	183579	21.7250254	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	86.90%		
42) 1,2-Dichloroethane-d4	9.988	65	241238	21.7809871	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	87.12%		
56) Toluene-d8	12.242	98	681127	23.7620972	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	95.05%		
77) p-Bromofluorobenzene	15.406	95	274087	23.6469499	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	94.59%		
Target Compounds						
5) 1,3-Butadiene	3.76	54	205	Below Cal	#	1
13) Acetone	6.09	43	739	0.5736	ug/L #	46
95) 1,2,4-Trichlorobenzene	19.29	180	1939	0.3506	ug/L #	60
96) Hexachlorobutadiene	19.44	225	691	0.2033	ug/L #	33
97) Naphthalene	19.64	128	3679	0.3601	ug/L #	82
98) 1,2,3-Trichlorobenzene	19.92	180	2620	0.3422	ug/L #	57

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45292.D 8260WT.M Sat Sep 08 17:04:15 2007

Data File : C:\MSDchem\1\DATA\090807\11M45292.D

Vial: 4

Acq On : 8 Sep 2007 16:42

Operator: MES

Sample : WG249650-01 VBLK0908 BLANK 8260

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 8 17:04 2007

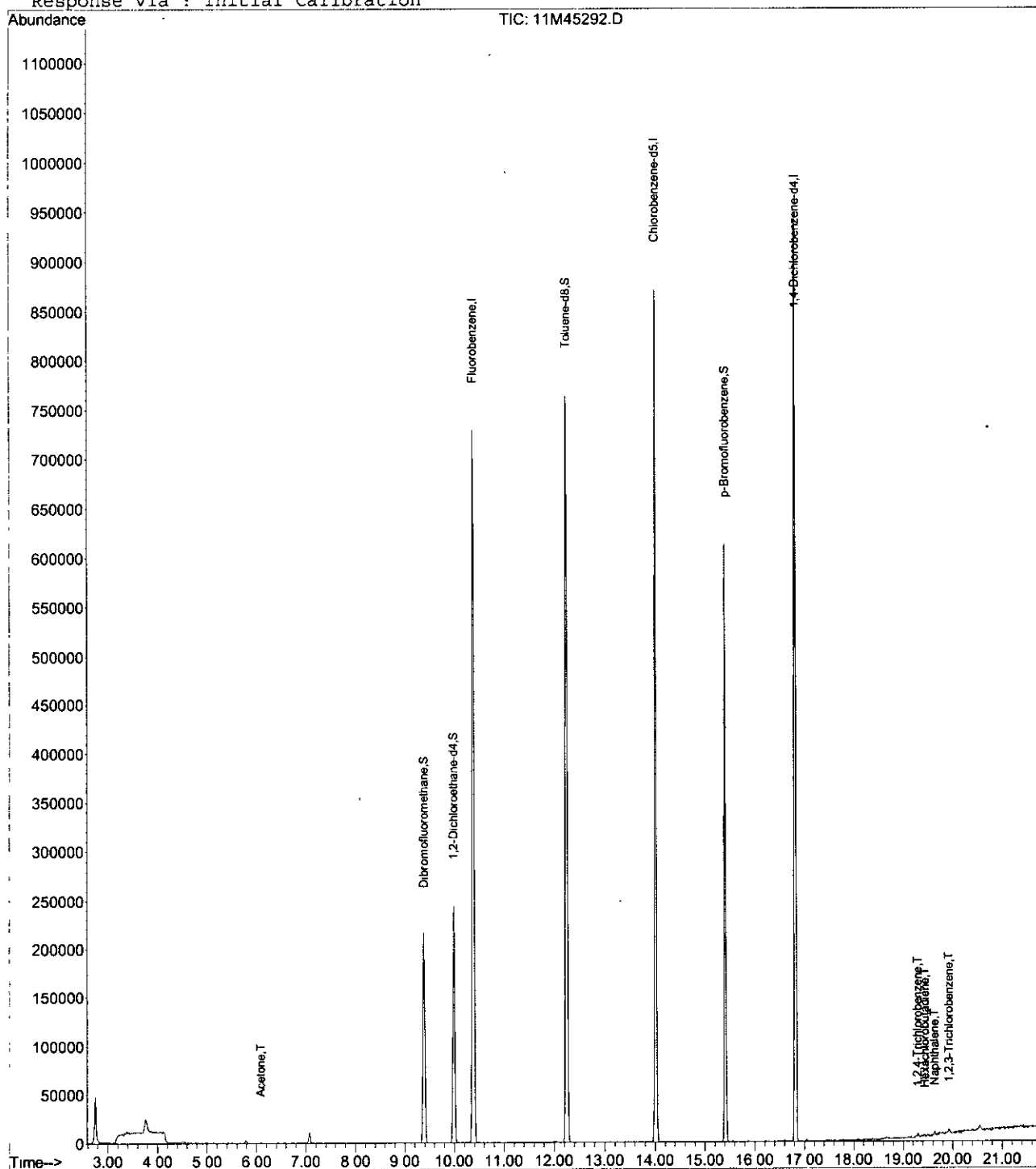
Quant Results File: 8260WT.RES

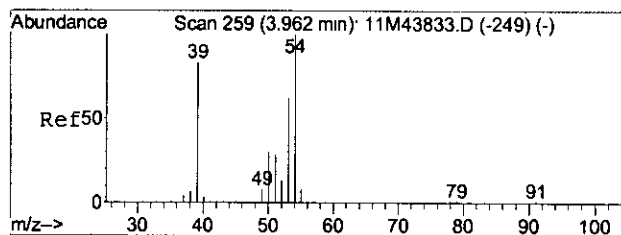
Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

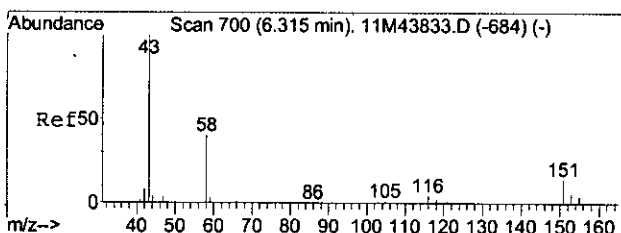
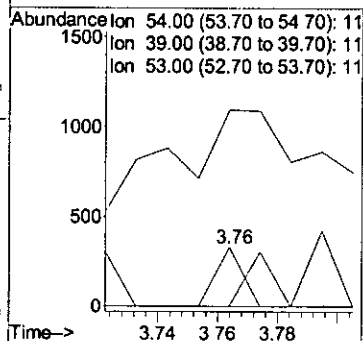
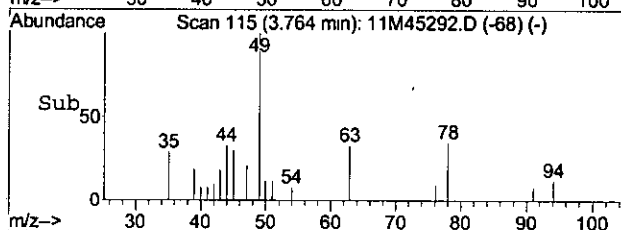
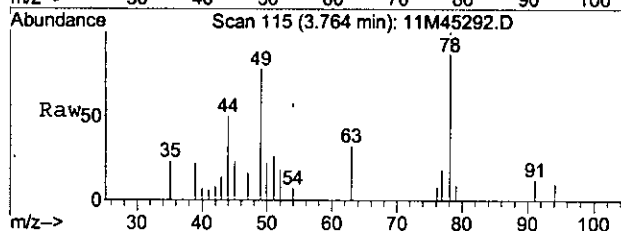
Response via : Initial Calibration





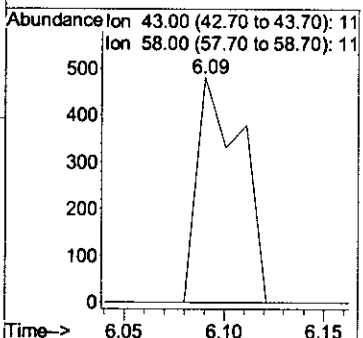
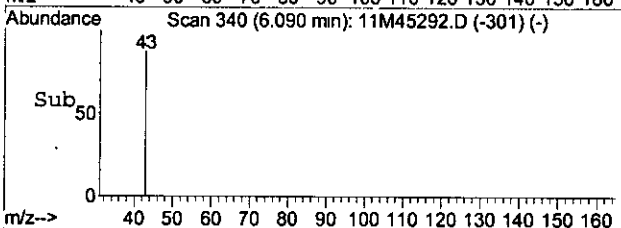
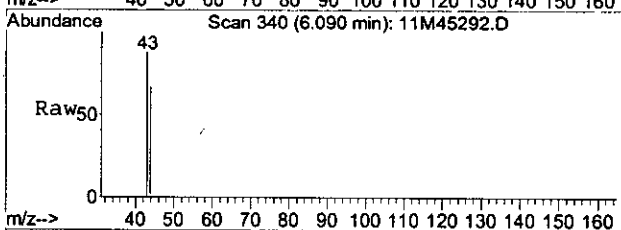
#5
1,3-Butadiene
Concen: Below Cal
RT: 3.76 min Scan# 115
Delta R.T. -0.01 min
Lab File: 11M45292.D
Acq: 8 Sep 2007 16:42

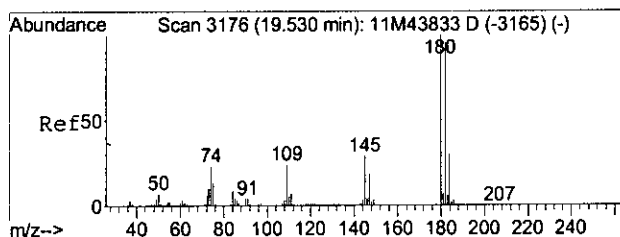
Tgt Ion: 54 Resp: 205
Ion Ratio Lower Upper
54 100
39 2499.5 48.9 114.1#
53 92.2 40.8 95.2



#13
Acetone
Concen: 0.5736 ug/L
RT: 6.09 min Scan# 340
Delta R.T. 0.00 min
Lab File: 11M45292.D
Acq: 8 Sep 2007 16:42

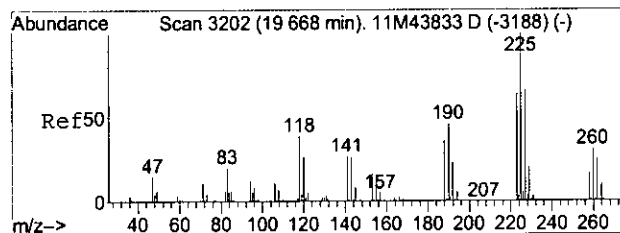
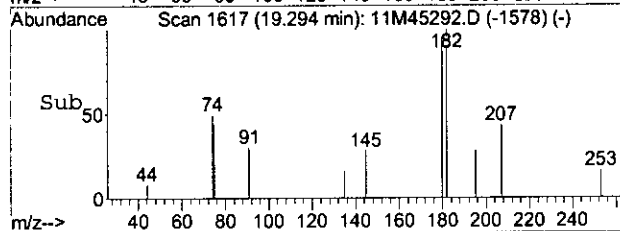
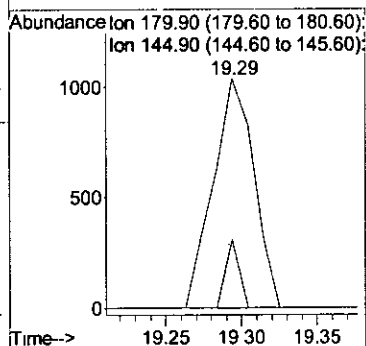
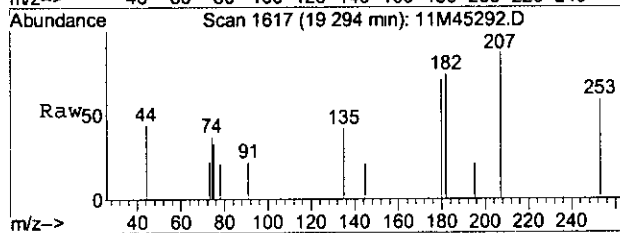
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 0.0 17.2 40.0#





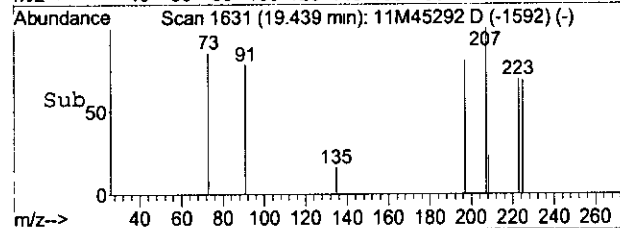
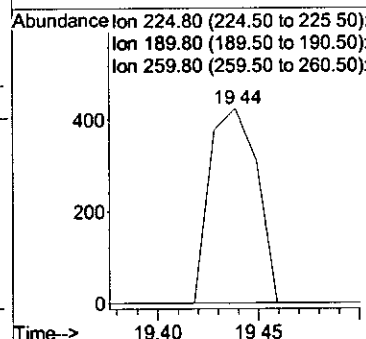
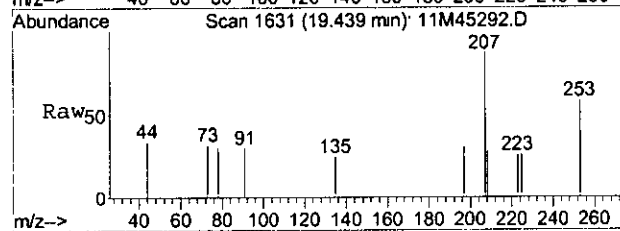
#95
1,2,4-Trichlorobenzene
Concen: 0.3506 ug/L
RT: 19.29 min Scan# 1617
Delta R.T. 0.00 min
Lab File: 11M45292.D
Acq: 8 Sep 2007 16:42

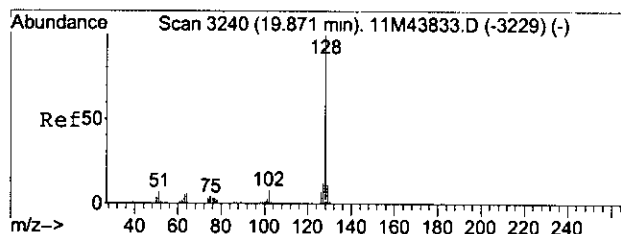
Tgt Ion: 180 Resp: 1939
Ion Ratio Lower Upper
180 100
145 9.9 19.2 44.8#



#96
Hexachlorobutadiene
Concen: 0.2033 ug/L
RT: 19.44 min Scan# 1631
Delta R.T. 0.00 min
Lab File: 11M45292.D
Acq: 8 Sep 2007 16:42

Tgt Ion: 225 Resp: 691
Ion Ratio Lower Upper
225 100
190 0.0 32.3 75.3#
260 0.0 15.5 36.1#





#97

Naphthalene

Concen: 0.3601 ug/L

RT: 19.64 min Scan# 1650

Delta R.T. 0.00 min

Lab File: 11M45292.D

Acq: 8 Sep 2007 16:42

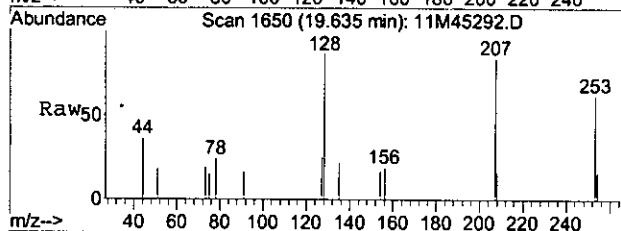
Tgt Ion:128 Resp: 3679

Ion Ratio Lower Upper

128 100

102 0.0 9.2 11.2#

127 8.6 11.3 13.9#

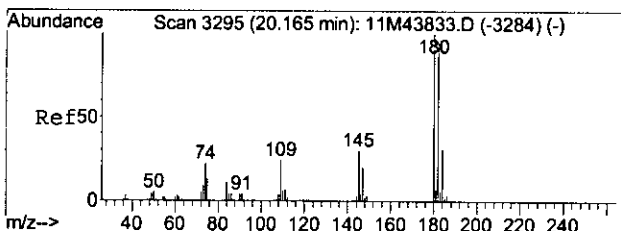
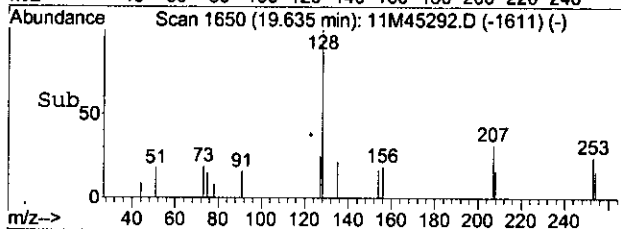
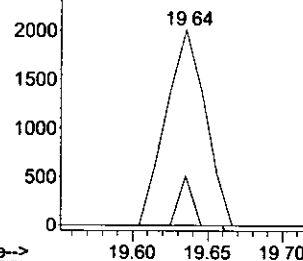


Abundance

Ion 128.00 (127.70 to 128.70):

Ion 102.00 (101.70 to 102.70):

Ion 127.00 (126.70 to 127.70):



#98

1,2,3-Trichlorobenzene

Concen: 0.3422 ug/L

RT: 19.92 min Scan# 1678

Delta R.T. 0.00 min

Lab File: 11M45292.D

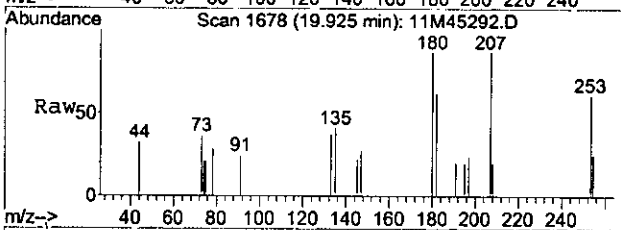
Acq: 8 Sep 2007 16:42

Tgt Ion:180 Resp: 2620

Ion Ratio Lower Upper

180 100

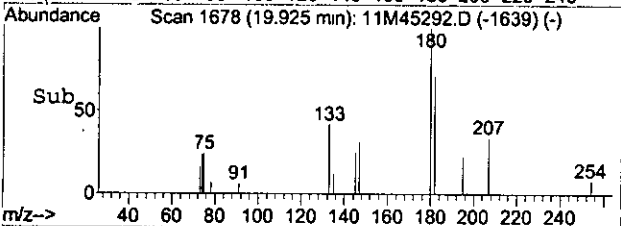
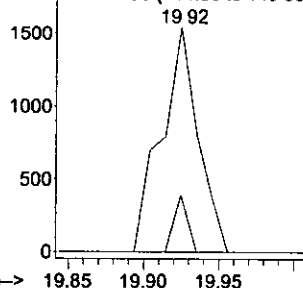
145 9.3 20.3 47.3#



Abundance

Ion 179.90 (179.60 to 180.60):

Ion 144.90 (144.60 to 145.60):



Data File : C:\MSDchem\1\data\091007\9M56637.D Vial: 3
 Acq On : 10 Sep 2007 10:33 Operator: MES
 Sample : WG249681-01 VBLK0910 BLANK 8260 Inst : HPMS9
 Misc : 7,1 Multiplr: 1:00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 10 10:56:15 2007 Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Thu Aug 30 14:04:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	584842	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.25	117	481864	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	262627	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	173989	54.0972	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%
42) 1,2-Dichloroethane-d4	7.99	65	177054	50.6566	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
56) Toluene-d8	10.40	98	596361	54.2394	ug/kg	0.00
Spiked Amount	50.000	Range	81 - 117	Recovery	=	108.48%
77) p-Bromofluorobenzene	13.75	95	222756	52.2095	ug/kg	0.00
Spiked Amount	50.000	Range	74 - 121	Recovery	=	104.42%

Target Compounds

				Qvalue	
13) Acetone	3.90	43	1479	Below Cal	# 47
15) Tert-Butyl Alcohol	4.27	59	591	1.9498	ug/kg# 69
19) Methylene Chloride	4.85	84	1894	Below Cal	89
97) Naphthalene	18.16	128	5545	0.5618	ug/kg 90
98) 1,2,3-Trichlorobenzene	18.48	180	1521	0.3703	ug/kg# 66

(#) = qualifier out of range (m) = manual integration
 9M56637.D 826_SLST.M Mon Sep 10 10:56:26 2007

Page 1

Data File : C:\MSDchem\1\data\091007\9M56637.D

Vial: 3

Acq On : 10 Sep 2007 10:33

Operator: MES

Sample : WG249681-01 VBLK0910 BLANK 8260

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 10:56 2007

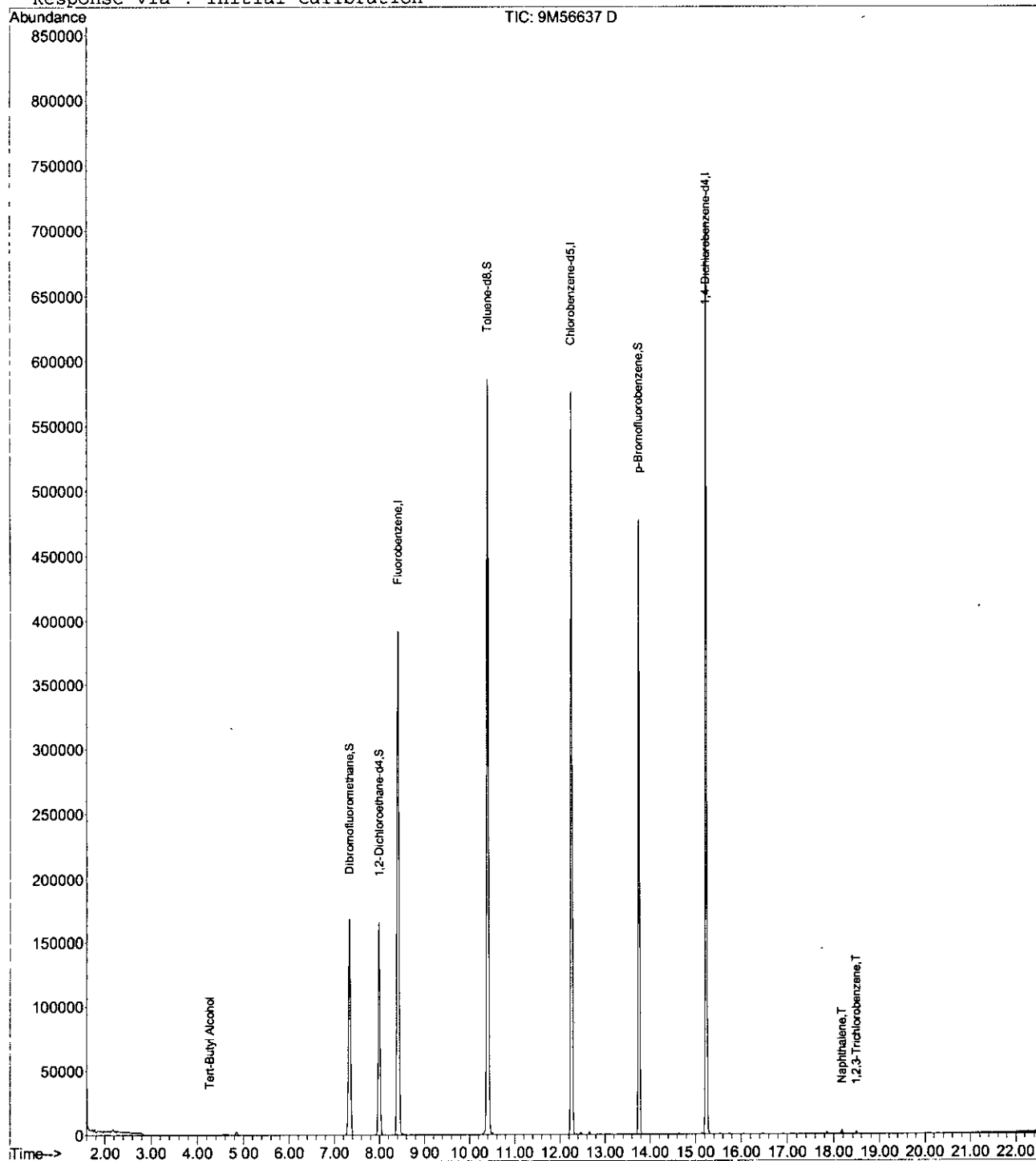
Quant Results File: 826_SLST.RES

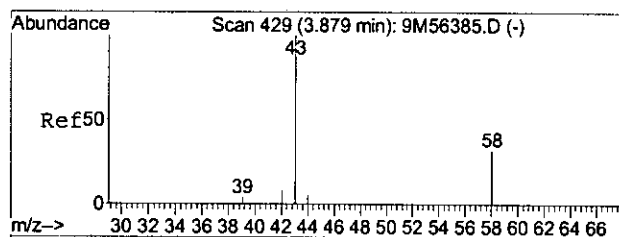
Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

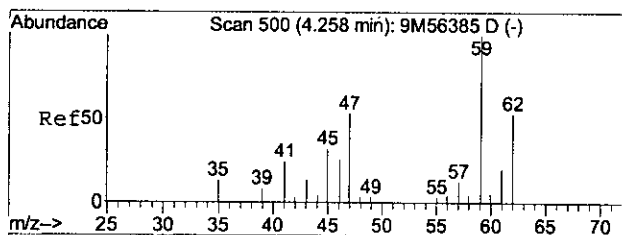
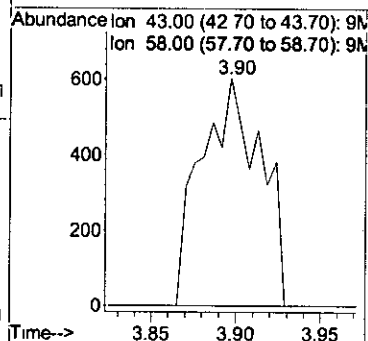
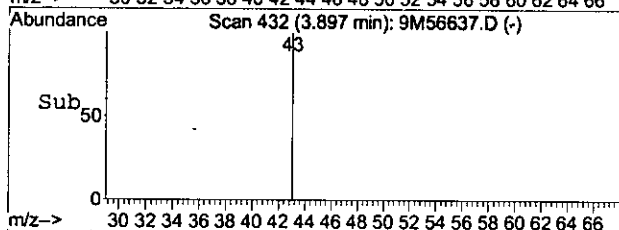
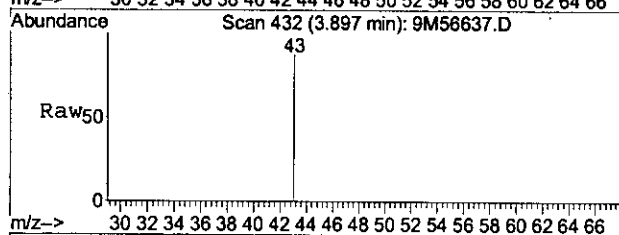
Response via : Initial Calibration





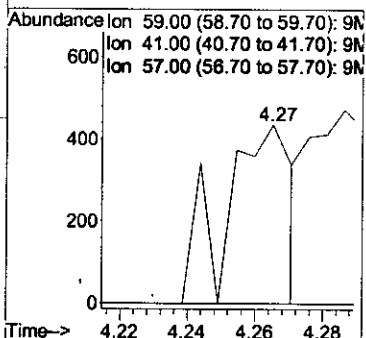
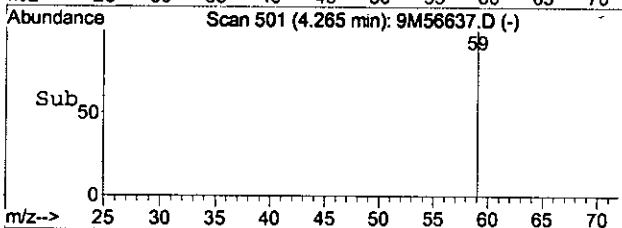
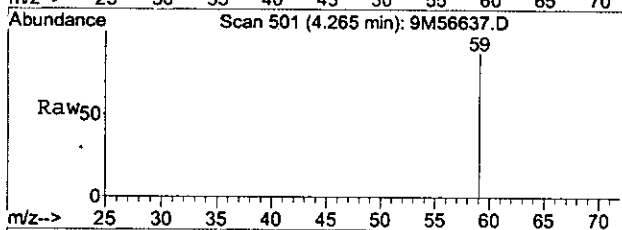
#13
Acetone.
Concen: Below Cal
RT: 3.90 min Scan# 432
Delta R.T. 0.02 min
Lab File: 9M56637.D
Acq: 10 Sep 2007 10:33

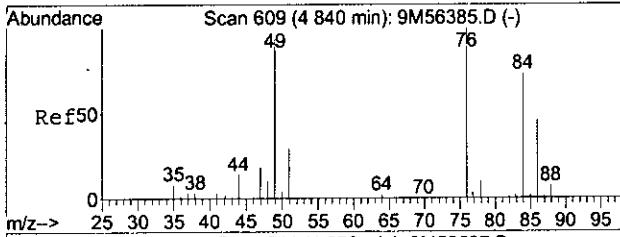
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 0.0 16.7 38.9#



#15
Tert-Butyl Alcohol
Concen: 1.95 ug/kg
RT: 4.27 min Scan# 501
Delta R.T. 0.01 min
Lab File: 9M56637.D
Acq: 10 Sep 2007 10:33

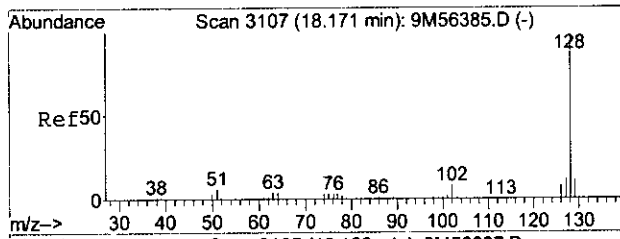
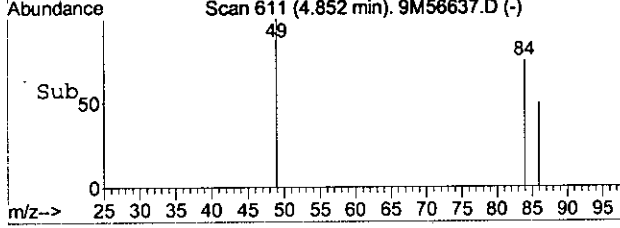
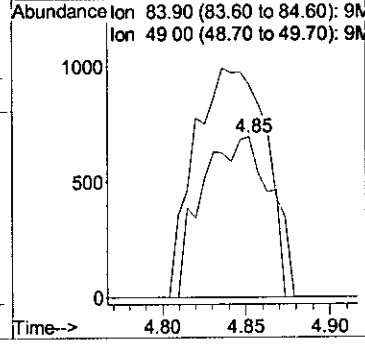
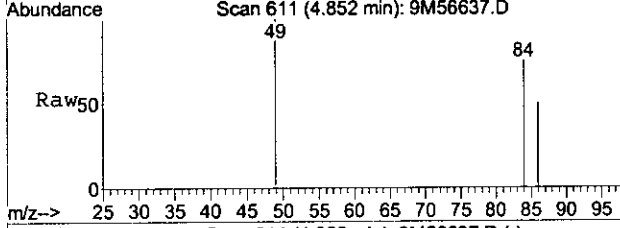
Tgt Ion: 59 Resp: 591
Ion Ratio Lower Upper
59 100
41 0.0 6.4 14.8#
57 0.0 7.8 18.2#





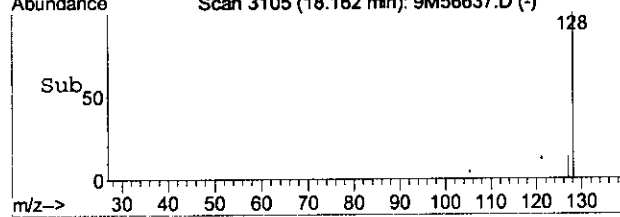
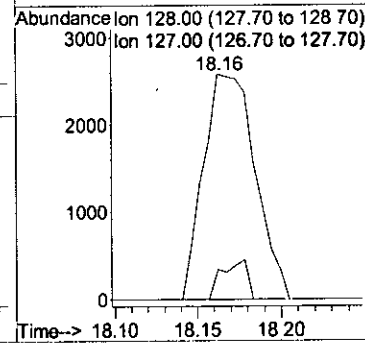
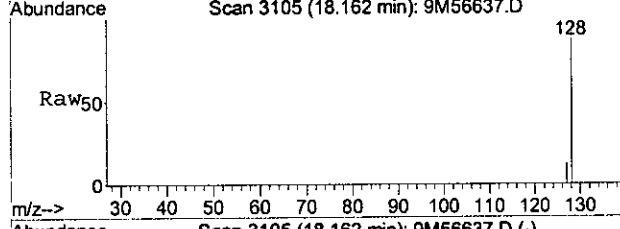
#19
Methylene Chloride
Concen: Below Cal
RT: 4.85 min Scan# 611
Delta R.T. 0.01 min
Lab File: 9M56637.D
Acq: 10 Sep 2007 10:33

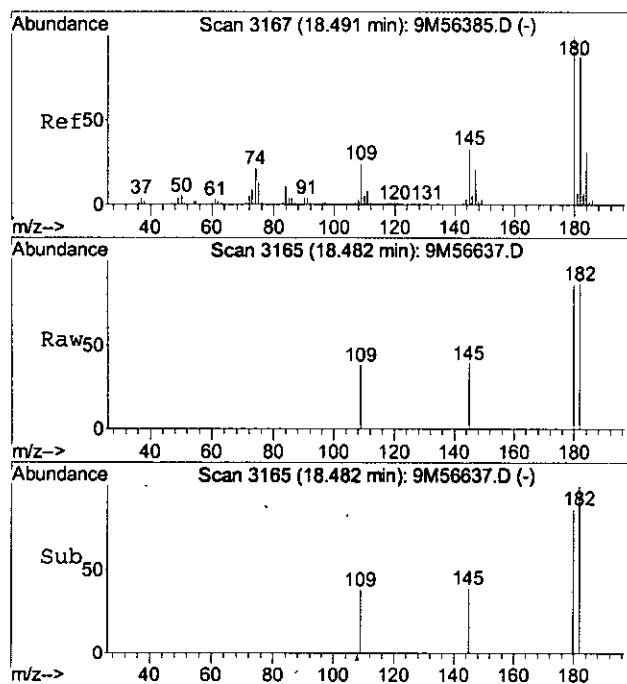
Tgt Ion:	84	Resp:	1894
Ion Ratio	Lower	Upper	
84	100		
49	159.1	87.1	203.1



#97
Naphthalene
Concen: 0.56 ug/kg
RT: 18.16 min Scan# 3105
Delta R.T. -0.01 min
Lab File: 9M56637.D
Acq: 10 Sep 2007 10:33

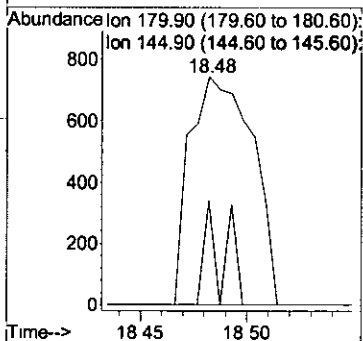
Tgt Ion:	128	Resp:	5545
Ion Ratio	Lower	Upper	
128	100		
127	8.5	7.4	17.4





#98
1,2,3-Trichlorobenzene
Concen: 0.37 ug/kg
RT: 18.48 min Scan# 3165
Delta R.T. -0.01 min
Lab File: 9M56637.D
Acq: 10 Sep 2007 10:33

Tgt Ion:180 Resp: 1521
Ion Ratio Lower Upper
180 100
145 14.1 19.9 46.5#



Data File : C:\MSDCHEM\1\data\091107\9M56665.D Vial: 3
 Acq On : 11 Sep 2007 10:14 Operator: MES
 Sample : WG249773-01 VBLK0911 BLANK 8260 Inst : HPMS9
 Misc : 7,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 11 10:37:17 2007 Quant Results File: 826_SLST.RES
 Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
 Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
 Last Update : Thu Aug 30 14:04:45 2007
 Response via : Initial Calibration
 DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	562845	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	462080	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	253393	50.00	ug/kg	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.34	111	171273	55.3340	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	=	110.66%	
42) 1,2-Dichloroethane-d4	7.99	65	176928	52.5989	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	=	105.20%	
56) Toluene-d8	10.40	98	573759	54.4179	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery	=	108.84%	
77) p-Bromofluorobenzene	13.75	95	220028	53.4495	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery	=	106.90%	
Target Compounds						
13) Acetone	3.89	43	264	Below Cal	# 47	
19) Methylene Chloride	4.84	84	1906	Below Cal	83	
97) Naphthalene	18.17	128	5116	0.5372	ug/kg# 86	
98) 1,2,3-Trichlorobenzene	18.48	180	1282	0.3235	ug/kg# 71	

(#) = qualifier out of range (m) = manual integration
 9M56665.D 826_SLST.M Tue Sep 11 10:37:19 2007

Data File : C:\MSDchem\1\data\091107\9M56665.D

Vial: 3

Acq On : 11 Sep 2007 10:14

Operator: MES

Sample : WG249773-01 VBLK0911 BLANK 8260

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 10:37 2007

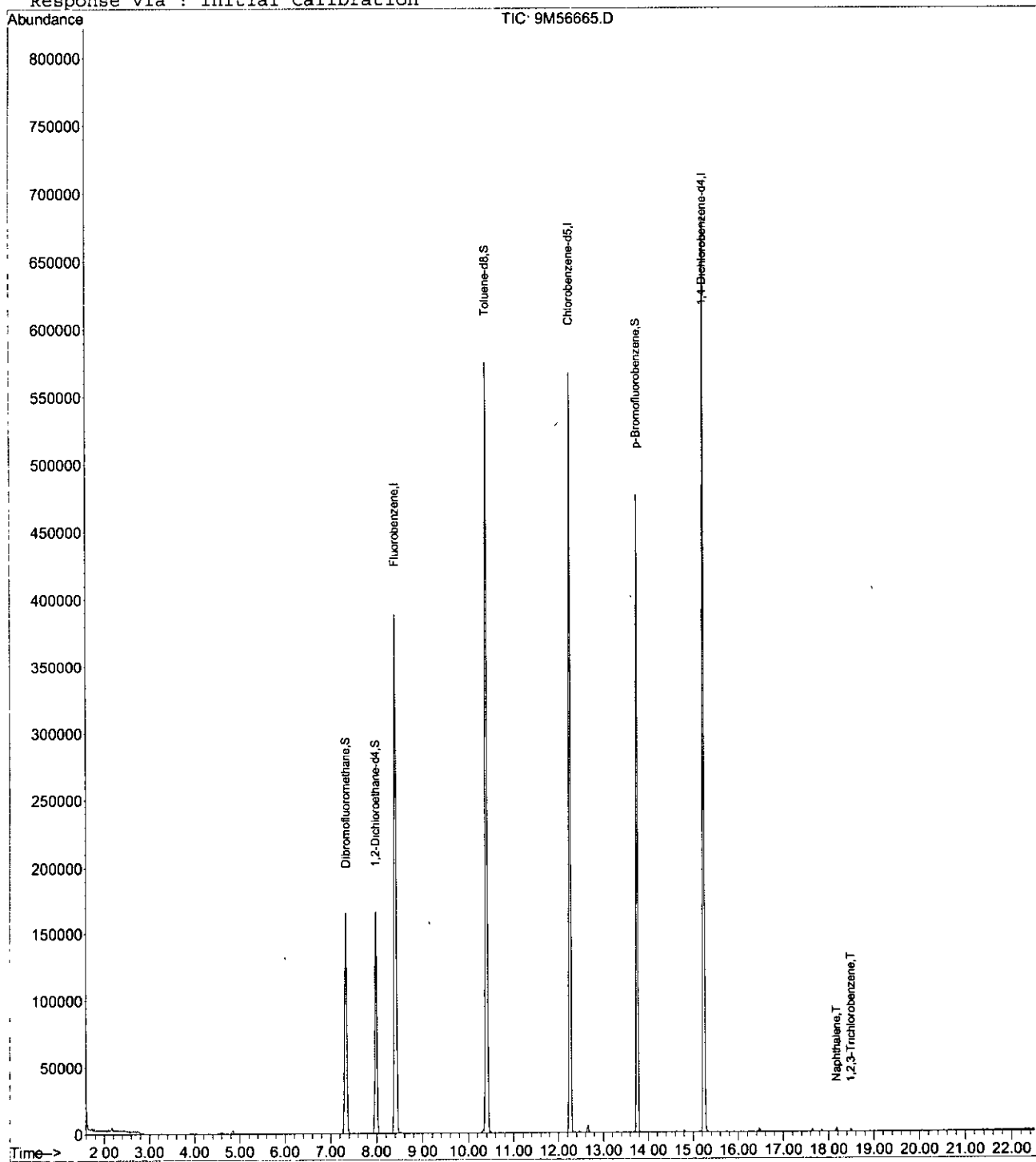
Quant Results File: 826_SLST.RES

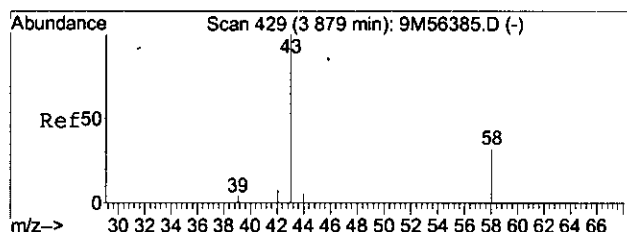
Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

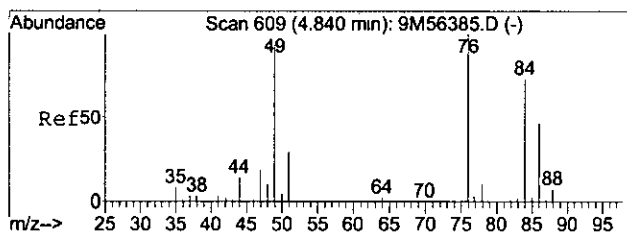
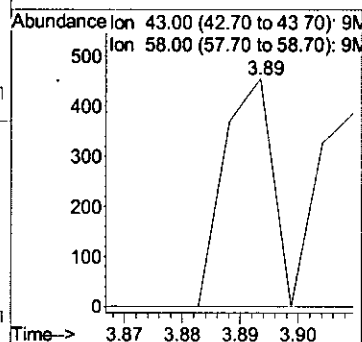
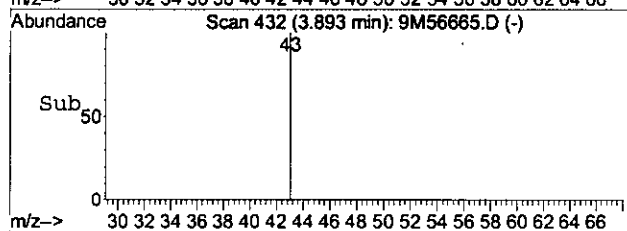
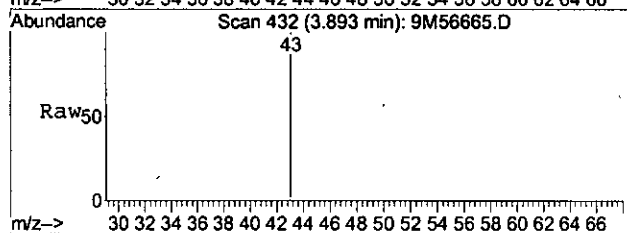
Response via : Initial Calibration





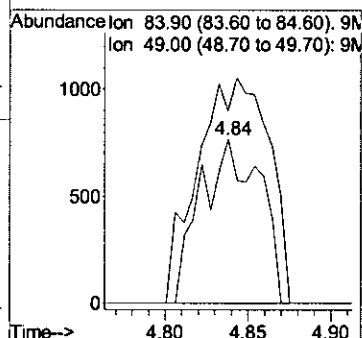
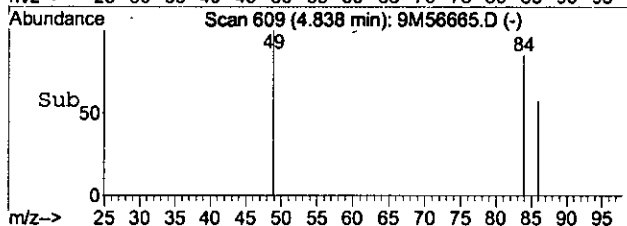
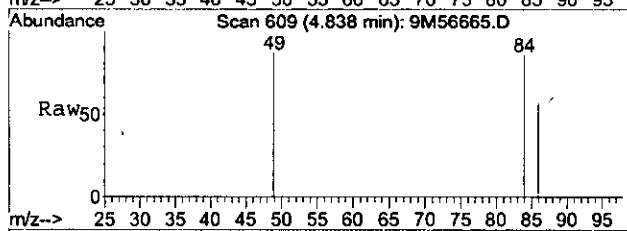
#13
Acetone
Concen: Below Cal
RT: 3.89 min Scan# 432
Delta R.T. 0.01 min
Lab File: 9M56665.D
Acq: 11 Sep 2007 10:14

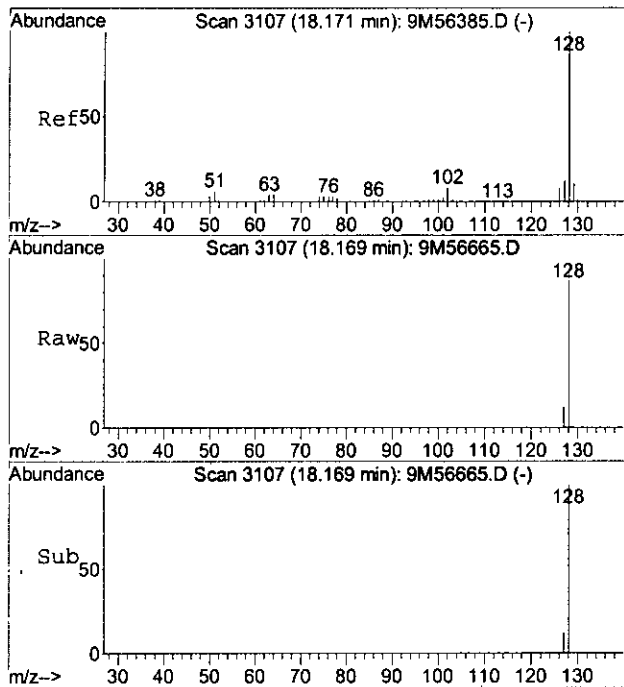
Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
58 0.0 16.7 38.9#



#19
Methylene Chloride
Concen: Below Cal
RT: 4.84 min Scan# 609
Delta R.T. -0.00 min
Lab File: 9M56665.D
Acq: 11 Sep 2007 10:14

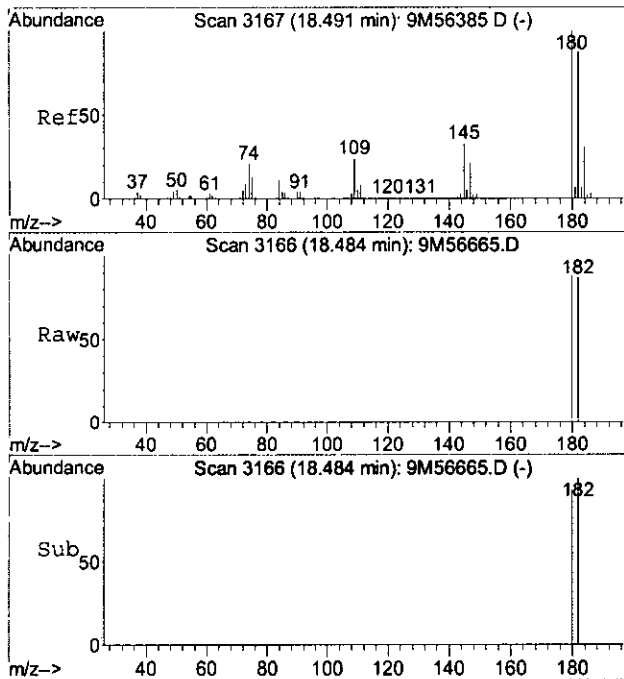
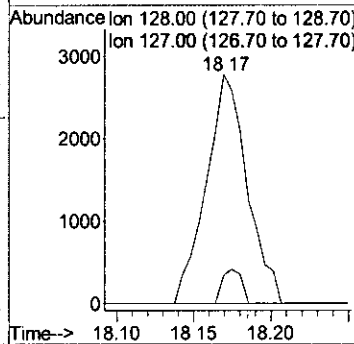
Tgt Ion: 84 Resp: 1906
Ion Ratio Lower Upper
84 100
49 166.2 87.1 203.1





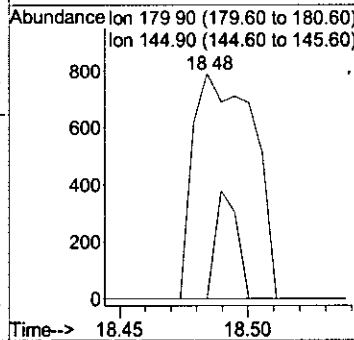
#97
Naphthalene
Concen: 0.54 ug/kg
RT: 18.17 min Scan# 3107
Delta R.T. -0.00 min
Lab File: 9M56665.D
Acq: 11 Sep 2007 10:14

Tgt Ion	Resp	Lower	Upper
128	5116	100	
127	6.9	7.4	17.4#



#98
1,2,3-Trichlorobenzene
Concen: 0.32 ug/kg
RT: 18.48 min Scan# 3166
Delta R.T. -0.01 min
Lab File: 9M56665.D
Acq: 11 Sep 2007 10:14

Tgt Ion	Resp	Lower	Upper
180	1282	100	
145	17.0	19.9	46.5#



Data File : C:\MSDCHEM\1\DATA\090807\11M45293.D

Vial: 5

Acq On : 8 Sep 2007 17:12

Operator: MES

Sample : WG249650-02 20ug/L LCS 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 17:33:55 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	816899	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	543635	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	291080	25.0000	ug/L	0.000

System Monitoring Compounds

36) Dibromofluoromethane	9.388	111	187757	22.2588417	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	89.04%		
42) 1,2-Dichloroethane-d4	9.988	65	246682	22.3119963	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	89.25%		
56) Toluene-d8	12.242	98	691217	23.9173330	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	95.67%		
77) p-Bromofluorobenzene	15.406	95	275915	23.9069686	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	95.63%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	314666	25.7018	ug/L	100
3) Chloromethane	3.52	50	231809	20.3714	ug/L	99
4) Vinyl Chloride	3.73	62	243727	22.5141	ug/L	100
5) 1,3-Butadiene	3.78	54	646	Below Cal	#	1
6) Bromomethane	4.61	94	124197	22.2932	ug/L	99
7) Chloroethane	4.77	64	152739	21.2584	ug/L	99
8) Trichlorofluoromethane	5.26	101	303221	17.3804	ug/L	98
10) Isoprene	5.81	67	226853	20.1531	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	155003	20.5203	ug/L	97
13) Acetone	6.09	43	22603	17.5752	ug/L	95
14) 1,1-Dichloroethene	6.32	61	350300	22.6737	ug/L	97
16) Dimethyl Sulfide	6.58	62	216846	19.1123	ug/L	100
17) Iodomethane	6.81	142	117497	15.2807	ug/L	99
18) Methyl acetate	6.82	43	76837	22.0658	ug/L	98
19) Methylene Chloride	7.07	84	164461	19.2112	ug/L	95
20) Carbon Disulfide	7.11	76	421457	17.5839	ug/L	100
21) Acrylonitrile	7.23	53	39319	19.6254	ug/L	99
22) Methyl Tert Butyl Ether	7.30	73	397006	20.9975	ug/L	99
23) trans-1,2-Dichloroethene	7.52	96	168065	20.5661	ug/L	98
24) n-Hexane	7.62	57	254280	19.4616	ug/L	98
26) Vinyl Acetate	8.08	43	179429	14.8321	ug/L	99
27) 1,1-Dichloroethane	8.11	63	384168	20.7831	ug/L	99
29) 2-Butanone	8.63	43	34487	20.0998	ug/L	92
31) 2,2-Dichloropropane	8.85	77	336542	20.1429	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	178366	21.3087	ug/L	99
33) Chloroform	9.11	83	345523	21.2593	ug/L	99
34) Bromochloromethane	9.33	130	88363	20.3421	ug/L	94
37) 1,1,1-Trichloroethane	9.63	97	337213	22.0364	ug/L	98
38) Cyclohexane	9.67	56	331307	20.1280	ug/L	98
39) 1,1-Dichloropropene	9.81	75	256630	21.2404	ug/L	99
40) Carbon Tetrachloride	9.96	117	274624	19.9529	ug/L	99
43) 1,2-Dichloroethane	10.10	62	287144	21.0588	ug/L	99
44) Benzene	10.15	78	642551	20.3702	ug/L	100
45) Trichloroethene	10.87	130	167165	21.1082	ug/L	99
46) Methylcyclohexane	10.96	83	248219	20.6242	ug/L	99
47) 1,2-Dichloropropane	11.06	63	181386	20.5560	ug/L	95
49) Bromodichloromethane	11.34	83	250808	22.0022	ug/L	100
50) Dibromomethane	11.41	93	76907	21.4493	ug/L	100
51) 2-Chloroethyl Vinyl Ether	11.61	63	77567	19.1836	ug/L	98
52) 4-Methyl-2-Pentanone	11.65	58	35495	18.5474	ug/L	97

(#)=qualifier out of range (m)=manual integration

11M45293.D 8260WT.M Sat Sep 08 17:33:59 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\090807\11M45293.D

Vial: 5

Acq On : 8 Sep 2007 17:12

Operator: MES

Sample : WG249650-02 20ug/L LCS 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 17:33:55 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53) cis-1,3-Dichloropropene	11.93	75	266232	20.8945	ug/L	99
54) Dimethyl Disulfide	12.18	79	139901	20.5006	ug/L	98
57) Toluene	12.34	91	680515	22.1744	ug/L	99
58) Ethyl Methacrylate	12.43	69	133828	22.1964	ug/L	100
59) trans-1,3-Dichloropropene	12.49	75	230009	21.6152	ug/L	98
60) 1,1,2-Trichloroethane	12.70	97	106284	21.8671	ug/L	97
61) 2-Hexanone	12.65	43	52604	20.8073	ug/L #	99
62) 1,3-Dichloropropane	12.99	76	203197	22.6403	ug/L	97
63) Tetrachloroethene	13.11	164	121775	20.2926	ug/L	97
64) Dibromochloromethane	13.35	129	143020	20.8952	ug/L	98
65) 1,2-Dibromoethane	13.59	107	102005	22.7670	ug/L	99
66) 1-Chlorohexane	13.68	91	223085	21.0332	ug/L	99
67) Chlorobenzene	14.06	112	444511	21.5275	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.08	131	160933	23.6437	ug/L	99
69) Ethylbenzene	14.08	106	242513	22.3078	ug/L	97
70) m-,p-Xylene	14.18	106	607944	44.1773	ug/L	97
71) o-Xylene	14.69	106	289073	21.8931	ug/L	98
72) Styrene	14.72	104	479508	22.4525	ug/L	96
73) Bromoform	15.18	173	68507	19.9106	ug/L	98
74) Isopropylbenzene	15.09	105	696519	20.5641	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	98742	22.1950	ug/L	97
78) 1,2,3-Trichloropropane	15.46	110	35931	20.6092	ug/L	99
79) trans-1,4-Dichloro-2-Buten	15.50	53	41647	19.1389	ug/L	99
80) n-Propylbenzene	15.56	91	934033	22.3814	ug/L	99
81) Bromobenzene	15.67	156	164950	23.0501	ug/L	95
82) 1,3,5-Trimethylbenzene	15.74	105	675401	22.6901	ug/L	99
83) 2-Chlorotoluene	15.81	91	605103	21.5098	ug/L	89
84) 4-Chlorotoluene	15.85	91	614381	22.5698	ug/L	91
85) a-Methylstyrene	16.10	118	341240	21.9549	ug/L	98
86) tert-Butylbenzene	16.16	134	116867	22.3446	ug/L	94
87) 1,2,4-Trimethylbenzene	16.21	105	719727	23.3366	ug/L	99
88) sec-Butylbenzene	16.42	105	766409	22.6452	ug/L	100
89) p-Isopropyltoluene	16.56	119	647087	21.9036	ug/L	100
90) 1,3-Dichlorobenzene	16.74	146	318526	21.2278	ug/L	96
91) 1,4-Dichlorobenzene	16.86	146	322663	21.7447	ug/L	97
92) n-Butylbenzene	17.05	91	616902	22.0834	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	286589	22.1955	ug/L	100
94) 1,2-Dibromo-3-Chloropropan	18.23	75	20669	21.9175	ug/L	96
95) 1,2,4-Trichlorobenzene	19.29	180	206086	20.9434	ug/L	100
96) Hexachlorobutadiene	19.44	225	74495	22.0100	ug/L	97
97) Naphthalene	19.63	128	360914	21.1513	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	165967	20.7771	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45293.D 8260WT.M Sat Sep 08 17:33:59 2007

Data File : C:\MSDCHEM\1\DATA\090807\11M45293.D

Vial: 5

Acq On : 8 Sep 2007 17:12

Operator: MES

Sample : WG249650-02 20ug/L LCS 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 8 17:33 2007

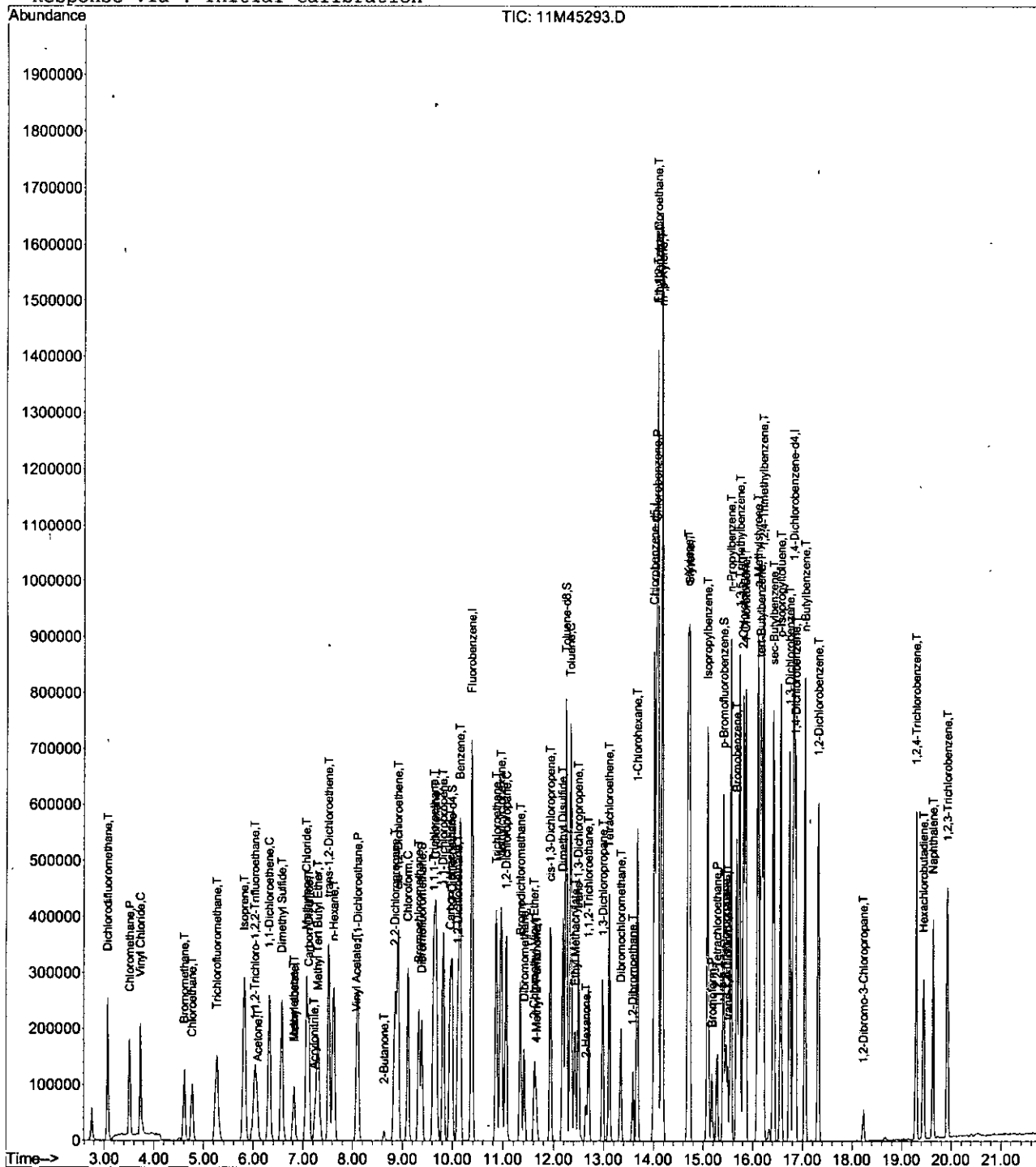
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



Data File.: C:\MSDCHEM\1\data\091007\9M56638.D

Vial: 4

Acq On : 10 Sep 2007 11:04

Operator: MES

Sample : WG249681-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 11:26:37 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	583114	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	490388	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	279122	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	181874	56.7164	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.44%
42) 1,2-Dichloroethane-d4	7.99	65	184638	52.9830	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.96%
56) Toluene-d8	10.40	98	616523	55.0984	ug/kg	0.00
Spiked Amount	50.000	Range	81 - 117	Recovery	=	110.20%
77) p-Bromofluorobenzene	13.75	95	234596	51.7352	ug/kg	0.00
Spiked Amount	50.000	Range	74 - 121	Recovery	=	103.48%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.77	85	109019	27.7140	ug/kg 99
3) Chloromethane	2.02	50	77907	23.3988	ug/kg 99
4) Vinyl Chloride	2.15	62	59270	24.7895	ug/kg 95
5) 1,3-Butadiene	2.17	54	78363	69.0210	ug/kg 98
6) Bromomethane	2.67	94	44097	25.3323	ug/kg 100
7) Chloroethane	2.78	64	45864	23.8513	ug/kg 99
8) Trichlorofluoromethane	3.13	101	117853	19.4601	ug/kg 99
9) Diethyl ether	3.57	59	217286	96.9213	ug/kg 95
10) Isoprene	3.58	67	86155	19.6809	ug/kg 98
11) Acrolein	3.76	56	38476	162.2082	ug/kg 98
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	70474	22.1961	ug/kg 95
13) Acetone	3.89	43	19857	18.5693	ug/kg 98
14) 1,1-Dichloroethene	4.05	96	66602	23.1035	ug/kg 93
15) Tert-Butyl Alcohol	4.27	59	61311	202.8737	ug/kg# 77
16) Dimethyl Sulfide	4.31	62	66589	18.5644	ug/kg 94
17) Iodomethane	4.53	142	68559	16.5024	ug/kg 99
18) Methyl acetate	4.64	43	48723	22.5371	ug/kg 95
19) Methylene Chloride	4.84	84	68822	20.9075	ug/kg 92
20) Carbon Disulfide	4.82	76	168844	17.3658	ug/kg 99
21) Acrylonitrile	5.05	53	20866	20.9832	ug/kg 97
22) Methyl Tert Butyl Ether	5.13	73	173884	21.6719	ug/kg# 67
23) trans-1,2-Dichloroethene	5.31	96	71525	21.7330	ug/kg 93
24) n-Hexane	5.44	57	99699	17.4346	ug/kg 99
25) Diisopropyl ether	5.84	45	859531	88.0181	ug/kg 97
26) Vinyl Acetate	5.99	43	80074	12.6350	ug/kg 98
27) 1,1-Dichloroethane	5.95	63	120466	20.4470	ug/kg 100
28) Ethyl-Tert-Butyl ether	6.43	59	842511	94.5437	ug/kg 98
29) 2-Butanone	6.60	43	27885	20.5889	ug/kg 97
30) Propionitrile	6.68	54	34365	103.1455	ug/kg 98
31) 2,2-Dichloropropane	6.77	77	107214	21.3955	ug/kg 99
32) cis-1,2-Dichloroethene	6.82	96	73570	22.0113	ug/kg 97
33) Chloroform	7.04	83	120389	21.1287	ug/kg 99
34) Bromochloromethane	7.26	128	36842	22.5569	ug/kg 91
35) Tetrahydrofuran	7.34	42	75406	95.9017	ug/kg 93
37) 1,1,1-Trichloroethane	7.58	97	121325	22.2790	ug/kg 97
38) Cyclohexane	7.60	56	115628	18.5637	ug/kg 93
39) 1,1-Dichloropropene	7.79	75	94273	21.6009	ug/kg 98
40) Carbon Tetrachloride	7.91	117	114063	24.3926	ug/kg 99
41) Tert-Amyl-Methyl ether	7.96	73	707750	99.6386	ug/kg 99
43) 1,2-Dichloroethane	8.11	62	93245	21.3083	ug/kg 96

(#) = qualifier out of range (m) = manual integration
 9M56638.D 826_SLST.M Mon Sep 10 11:26:39 2007

Data File : C:\MSDCHEM\1\data\091007\9M56638.D

Vial: 4

Acq On : 10 Sep 2007 11:04

Operator: MES

Sample : WG249681-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 11:26:37 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	258873	21.3998	ug/kg	100
45) Trichloroethene	8.92	130	85645	22.9538	ug/kg	98
46) Methylcyclohexane	9.00	83	116489	20.9578	ug/kg	95
47) 1,2-Dichloropropane	9.13	63	59926	21.0062	ug/kg	97
48) Bromodichloromethane	9.42	83	85142	22.5107	ug/kg	99
49) 1,4-Dioxane	9.48	88	3978	194.5203	ug/kg	96
50) Dibromomethane	9.49	93	39330	22.4037	ug/kg	97
51) 2-Chloroethyl Vinyl Ether	9.81	63	20388	18.3015	ug/kg	98
52) 4-Methyl-2-Pentanone	9.86	58	22955	22.8362	ug/kg	97
53) cis-1,3-Dichloropropene	10.10	75	95414	21.6050	ug/kg	98
54) Dimethyl Disulfide	10.31	79	45865	19.7501	ug/kg	94
57) Toluene	10.50	91	288588	21.5573	ug/kg	100
58) Ethyl Methacrylate	10.70	69	70935	22.3112	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	86385	20.2887	ug/kg	97
60) 1,1,2-Trichloroethane	10.91	97	54556	22.2653	ug/kg	100
61) 2-Hexanone	10.92	43	41789	21.5218	ug/kg	93
62) 1,3-Dichloropropane	11.21	76	88824	21.3169	ug/kg	95
63) Tetrachloroethene	11.30	164	65882	22.4963	ug/kg	99
64) Dibromochloromethane	11.54	129	71564	23.7803	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	57473	22.9245	ug/kg	99
66) 1-Chlorohexane	11.99	91	94451	21.8957	ug/kg	96
67) Chlorobenzene	12.31	112	199927	21.1947	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.36	131	73332	23.1212	ug/kg	100
69) Ethylbenzene	12.36	106	108545	22.4574	ug/kg	96
70) m-,p-Xylene	12.46	106	260600	44.7869	ug/kg	99
71) o-Xylene	13.00	106	121023	22.4239	ug/kg	99
72) Styrene	13.04	104	195075	22.6667	ug/kg	99
73) Bromoform	13.46	173	42449	23.8876	ug/kg	100
74) Isopropylbenzene	13.44	105	288018	20.3529	ug/kg	100
76) 1,1,2,2-Tetrachloroethane	13.64	83	59907	21.8061	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	23817	23.1413	ug/kg	92
79) trans-1,4-Dichloro-2-Buten	13.91	53	22588	19.1317	ug/kg	97
80) n-Propylbenzene	13.94	91	383576	20.9399	ug/kg	99
81) Bromobenzene	14.00	156	87051	21.6589	ug/kg	95
82) 1,3,5-Trimethylbenzene	14.14	105	272038	21.9547	ug/kg	100
83) 2-Chlorotoluene	14.16	91	258682	20.5242	ug/kg	97
84) 4-Chlorotoluene	14.22	91	225948	19.8550	ug/kg	99
85) a-Methylstyrene	14.53	118	152183	20.4837	ug/kg	98
86) tert-Butylbenzene	14.58	134	60736	21.3118	ug/kg	88
87) 1,2,4-Trimethylbenzene	14.63	105	285727	21.7759	ug/kg	99
88) sec-Butylbenzene	14.85	105	351447	21.1249	ug/kg	99
89) p-Isopropyltoluene	15.02	119	308642	21.3683	ug/kg	100
90) 1,3-Dichlorobenzene	15.14	146	161759	20.7928	ug/kg	98
91) 1,4-Dichlorobenzene	15.27	146	161215	19.9668	ug/kg	99
92) n-Butylbenzene	15.53	91	272039	21.1150	ug/kg	98
93) 1,2-Dichlorobenzene	15.74	146	150544	21.1848	ug/kg	98
94) 1,2-Dibromo-3-Chloropropan	16.72	157	15189	23.1955	ug/kg	97
95) 1,2,4-Trichlorobenzene	17.84	180	102853	21.6981	ug/kg	99
96) Hexachlorobutadiene	18.02	225	54773	22.1070	ug/kg	98
97) Naphthalene	18.17	128	239219	22.8036	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	96137	22.0202	ug/kg	100

(#) = qualifier out of range (m) = manual integration

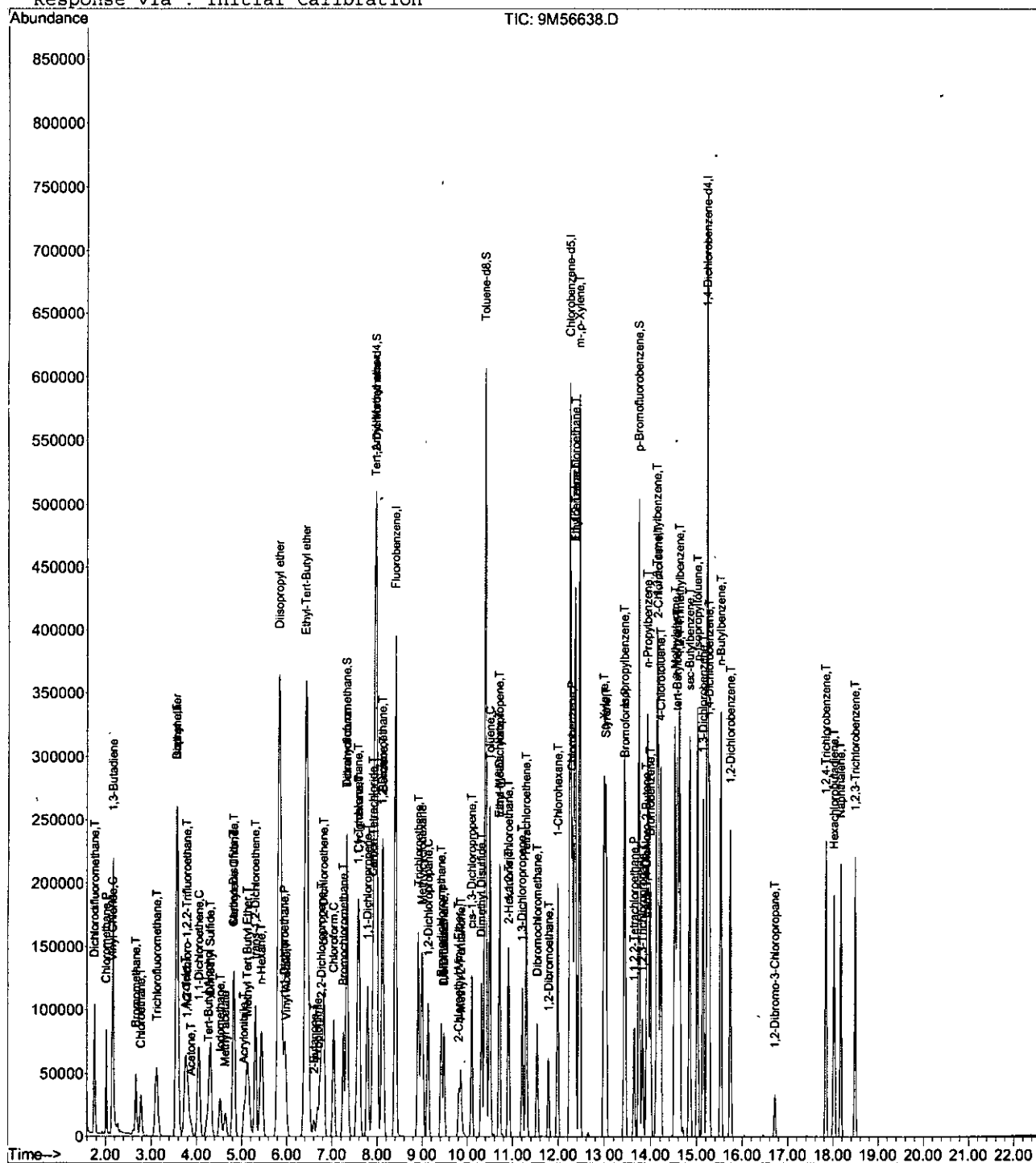
9M56638.D 826_SLST.M Mon Sep 10 11:26:40 2007

Page 2

Vial: 4
Operator: MES
Inst : HPMS9
Multiplr: 1.00

Quant Results File: 826 SLST.RES

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Method      : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title       : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Thu Aug 30 14:04:45 2007
Response via : Initial Calibration
```



Page 3

Data File : C:\MSDCHEM\1\data\091107\9M56666.D

Vial: 4

Acq On : 11 Sep 2007 10:45

Operator: MES

Sample : WG249773-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 11:07:33 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	8.41	96	556530	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	468516	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	260595	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.34	111	175072	57.2032	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.40%	
42) 1,2-Dichloroethane-d4	7.99	65	177586	53.3936	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.78%	
56) Toluene-d8	10.40	98	591283	55.3096	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	110.62%	
77) p-Bromofluorobenzene	13.75	95	224988	53.1439	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	106.28%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	109850	29.2592	ug/kg	97
3) Chloromethane	2.03	50	76713	24.1407	ug/kg	100
4) Vinyl Chloride	2.15	62	59148	25.9202	ug/kg	97
6) Bromomethane	2.68	94	44428	26.7416	ug/kg	100
7) Chloroethane	2.79	64	45197	24.6272	ug/kg	99
8) Trichlorofluoromethane	3.13	101	116617	20.1758	ug/kg	98
9) Diethyl ether	3.57	59	232931	108.8628	ug/kg	96
10) Isoprene	3.58	67	85257	20.4060	ug/kg	98
11) Acrolein	3.76	56	30765	135.8953	ug/kg	98
12) 1,1,2-Trichloro-1,2,2-Trif	3.79	101	69674	22.9924	ug/kg	98
13) Acetone	3.88	43	17885	17.2725	ug/kg	99
14) 1,1-Dichloroethene	4.06	96	63476	23.0709	ug/kg	98
15) Tert-Butyl Alcohol	4.25	59	61306	212.5471	ug/kg#	71
16) Dimethyl Sulfide	4.32	62	64257	18.7699	ug/kg	97
17) Iodomethane	4.53	142	66050	16.6579	ug/kg	100
18) Methyl acetate	4.64	43	45742	22.1689	ug/kg	98
19) Methylene Chloride	4.84	84	64544	20.5217	ug/kg	93
20) Carbon Disulfide	4.82	76	167957	18.0997	ug/kg	99
21) Acrylonitrile	5.05	53	18446	19.4357	ug/kg	99
22) Methyl Tert Butyl Ether	5.14	73	161571	21.0991	ug/kg	98
23) trans-1,2-Dichloroethene	5.31	96	70063	22.3057	ug/kg	95
24) n-Hexane	5.45	57	97051	17.7822	ug/kg	99
25) Diisopropyl ether	5.84	45	888081	95.2858	ug/kg	97
26) Vinyl Acetate	6.00	43	73355	12.1277	ug/kg	99
27) 1,1-Dichloroethane	5.95	63	117637	20.9206	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.43	59	854098	100.4221	ug/kg	98
29) 2-Butanone	6.61	43	26717	20.6688	ug/kg	98
30) Propionitrile	6.68	54	33091	104.0659	ug/kg	98
31) 2,2-Dichloropropane	6.77	77	104316	21.8116	ug/kg	99
32) cis-1,2-Dichloroethene	6.83	96	71282	22.3455	ug/kg	98
33) Chloroform	7.04	83	117160	21.5442	ug/kg	99
34) Bromochloromethane	7.25	128	35589	22.8306	ug/kg	92
35) Tetrahydrofuran	7.33	42	70978	94.5821	ug/kg	95
37) 1,1,1-Trichloroethane	7.58	97	120108	23.1090	ug/kg	97
38) Cyclohexane	7.59	56	115958	19.5060	ug/kg	97
39) 1,1-Dichloropropene	7.79	75	90889	21.8203	ug/kg	99
40) Carbon Tetrachloride	7.92	117	112202	25.1408	ug/kg	99
41) Tert-Amyl-Methyl ether	7.97	73	704639	103.9392	ug/kg	99
43) 1,2-Dichloroethane	8.12	62	88523	21.1955	ug/kg	97
44) Benzene	8.13	78	249885	21.6435	ug/kg	100

(#) = qualifier out of range (m) = manual integration
 9M56666.D 826_SLST.M Tue Sep 11 11:07:35 2007

Data File : C:\MSDCHEM\1\data\091107\9M56666.D

Vial: 4

Acq On : 11 Sep 2007 10:45

Operator: MES

Sample : WG249773-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 11:07:33 2007

Quant Results File: 826_SLST.RES

Quant Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration

DataAcq Meth : 826_SLST

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
45) Trichloroethene	8.92	130	82889	23.2764	ug/kg	98
46) Methylcyclohexane	9.00	83	113854	21.4622	ug/kg	98
47) 1,2-Dichloropropane	9.14	63	56953	20.9176	ug/kg	95
48) Bromodichloromethane	9.42	83	82599	22.8815	ug/kg	100
49) 1,4-Dioxane	9.47	88	2638	145.7387	ug/kg#	47
50) Dibromomethane	9.49	93	36973	22.0671	ug/kg	99
51) 2-Chloroethyl Vinyl Ether	9.81	63	17978	16.9090	ug/kg	97
52) 4-Methyl-2-Pentanone	9.86	58	19975	20.8208	ug/kg	97
53) cis-1,3-Dichloropropene	10.10	75	91932	21.8109	ug/kg	99
54) Dimethyl Disulfide	10.31	79	43053	19.4599	ug/kg	99
57) Toluene	10.50	91	277108	21.6661	ug/kg	99
58) Ethyl Methacrylate	10.70	69	63799	21.0035	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	80978	19.9066	ug/kg	99
60) 1,1,2-Trichloroethane	10.91	97	50801	21.7007	ug/kg	100
61) 2-Hexanone	10.93	43	34753	18.7337	ug/kg	88
62) 1,3-Dichloropropane	11.22	76	84042	21.1108	ug/kg	95
63) Tetrachloroethene	11.30	164	62299	22.2659	ug/kg	99
64) Dibromochloromethane	11.54	129	66447	23.1107	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	52178	21.7841	ug/kg	99
66) 1-Chlorohexane	11.98	91	91903	22.2996	ug/kg	98
67) Chlorobenzene	12.30	112	191816	21.2842	ug/kg	99
68) 1,1,1,2-Tetrachloroethane	12.35	131	70332	23.2105	ug/kg	100
69) Ethylbenzene	12.37	106	102300	22.1534	ug/kg	97
70) m-,p-Xylene	12.46	106	249199	44.8269	ug/kg	100
71) o-Xylene	13.00	106	114532	22.2119	ug/kg	99
72) Styrene	13.04	104	187343	22.7845	ug/kg	99
73) Bromoform	13.46	173	38521	22.6892	ug/kg	99
74) Isopropylbenzene	13.44	105	276181	20.4276	ug/kg	99
76) 1,1,2,2-Tetrachloroethane	13.65	83	52610	20.5115	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	20916	21.7674	ug/kg	94
79) trans-1,4-Dichloro-2-Butene	13.91	53	19458	17.6523	ug/kg	94
80) n-Propylbenzene	13.94	91	369621	21.6127	ug/kg	100
81) Bromobenzene	14.00	156	81755	21.7873	ug/kg	96
82) 1,3,5-Trimethylbenzene	14.14	105	260672	22.5331	ug/kg	100
83) 2-Chlorotoluene	14.16	91	249884	21.2357	ug/kg	98
84) 4-Chlorotoluene	14.22	91	220931	20.7944	ug/kg	100
85) a-Methylstyrene	14.53	118	146333	21.0966	ug/kg	100
86) tert-Butylbenzene	14.58	134	60697	22.8123	ug/kg	96
87) 1,2,4-Trimethylbenzene	14.63	105	273215	22.3027	ug/kg	100
88) sec-Butylbenzene	14.85	105	342871	22.0746	ug/kg	99
89) p-Isopropyltoluene	15.02	119	296679	22.0004	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	152429	20.9865	ug/kg	100
91) 1,4-Dichlorobenzene	15.27	146	155558	20.6359	ug/kg	99
92) n-Butylbenzene	15.53	91	263312	21.8907	ug/kg	99
93) 1,2-Dichlorobenzene	15.74	146	140752	21.2150	ug/kg	98
94) 1,2-Dibromo-3-Chloropropane	16.72	157	12776	20.8977	ug/kg	97
95) 1,2,4-Trichlorobenzene	17.84	180	94710	21.4007	ug/kg	99
96) Hexachlorobutadiene	18.03	225	50955	22.0281	ug/kg	99
97) Naphthalene	18.17	128	203220	20.7492	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	84922	20.8343	ug/kg	100

(#) = qualifier out of range (m) = manual integration
9M56666.D 826_SLST.M Tue Sep 11 11:07:36 2007

Data File : C:\MSDCHEM\1\data\091107\9M56666.D

Vial: 4

Acq On : 11 Sep 2007 10:45

Operator: MES

Sample : WG249773-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 11 11:07 2007

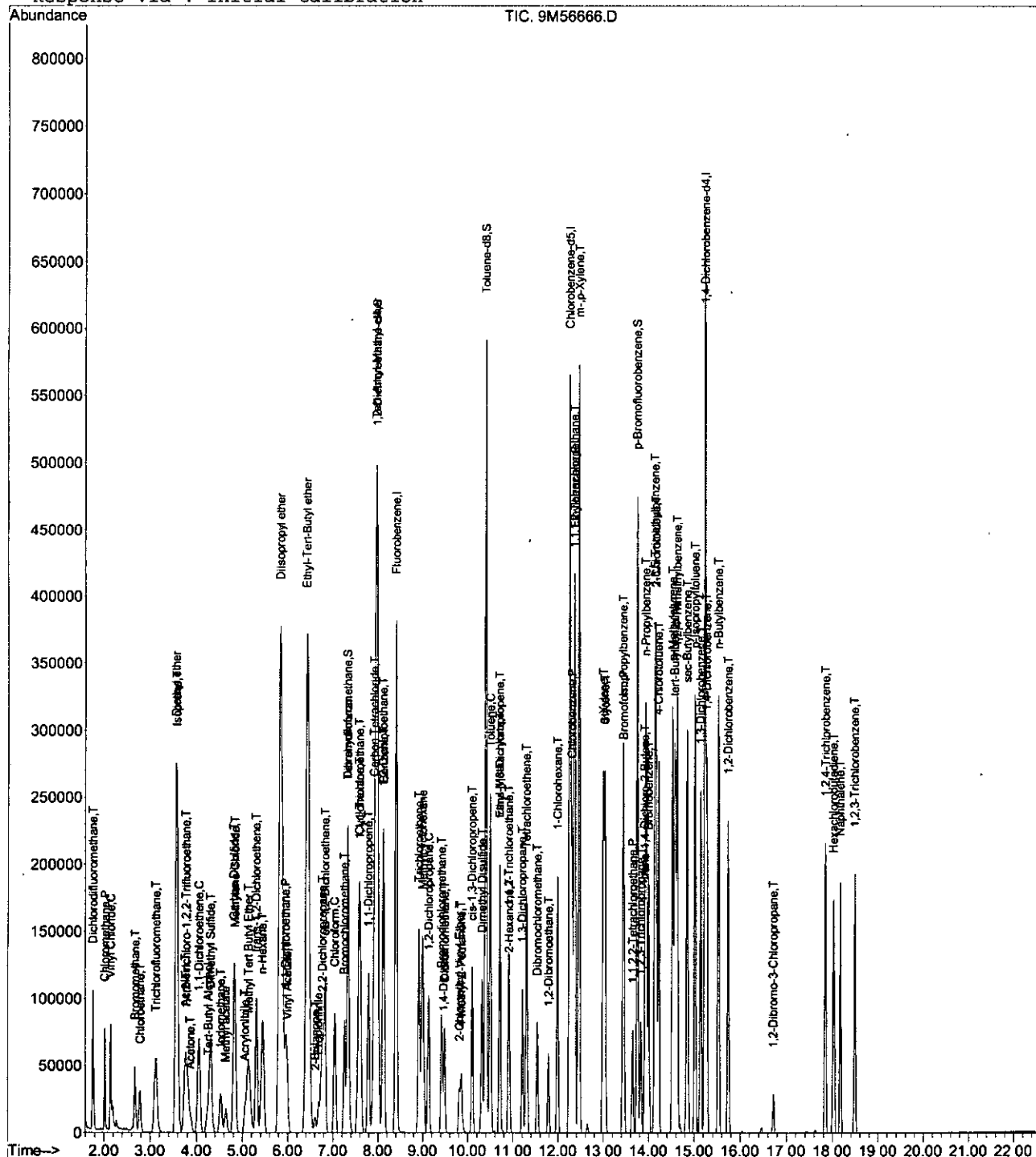
Quant Results File: 826_SLST.RES

Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9

Last Update : Thu Aug 30 14:04:45 2007

Response via : Initial Calibration



9M56666.D 826_SLST.M

Tue Sep 11 11:07:36 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\090807\11M45294.D Vial: 6
 Acq On : 8 Sep 2007 17:42 Operator: MES
 Sample : WG249650-03 20ug/L LCSDUP 8260 Inst : HPMS11
 Misc : 1,1 STD21763 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 08 18:04:04 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
 Last Update : Thu Sep 06 14:39:42 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	828849	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	552335	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	291919	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	190913	22.3066766	ug/L	0.00
Spiked Amount 25.000	Range 86 -	118	Recovery =	89.23%		
42) 1,2-Dichloroethane-d4	9.988	65	245586	21.8926090	ug/L	0.00
Spiked Amount 25.000	Range 80 -	120	Recovery =	87.57%		
56) Toluene-d8	12.242	98	702135	23.9124353	ug/L	0.00
Spiked Amount 25.000	Range 88 -	110	Recovery =	95.65%		
77) p-Bromofluorobenzene	15.406	95	281689	24.3371148	ug/L	0.00
Spiked Amount 25.000	Range 86 -	115	Recovery =	97.35%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	290347	23.3735	ug/L	100
3) Chloromethane	3.52	50	227192	19.6778	ug/L	99
4) Vinyl Chloride	3.73	62	228658	20.8175	ug/L	99
5) 1,3-Butadiene	3.77	54	1026	Below Cal	#	1
6) Bromomethane	4.61	94	126561	22.3866	ug/L	98
7) Chloroethane	4.77	64	153542	21.0620	ug/L	97
8) Trichlorofluoromethane	5.26	101	284504	16.0903	ug/L	96
10) Isoprene	5.82	67	216745	18.9775	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	146235	19.0804	ug/L	99
13) Acetone	6.10	43	25294	19.3841	ug/L	98
14) 1,1-Dichloroethene	6.32	61	335071	21.3753	ug/L	100
16) Dimethyl Sulfide	6.57	62	220128	19.1219	ug/L	100
17) Iodomethane	6.81	142	116782	14.9688	ug/L	99
18) Methyl acetate	6.83	43	77219	21.8558	ug/L	97
19) Methylene Chloride	7.07	84	172715	19.9124	ug/L	99
20) Carbon Disulfide	7.11	76	416481	17.1257	ug/L	99
21) Acrylonitrile	7.23	53	40458	19.9028	ug/L	97
22) Methyl Tert Butyl Ether	7.30	73	404494	21.0851	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	165781	19.9941	ug/L	99
24) n-Hexane	7.62	57	231676	17.4760	ug/L	99
26) Vinyl Acetate	8.08	43	174163	14.1892	ug/L	99
27) 1,1-Dichloroethane	8.11	63	386821	20.6249	ug/L	99
29) 2-Butanone	8.63	43	33298	19.1270	ug/L	99
31) 2,2-Dichloropropane	8.86	77	327685	19.3301	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	178430	21.0090	ug/L	99
33) Chloroform	9.11	83	341044	20.6812	ug/L	99
34) Bromochloromethane	9.33	130	90192	20.4638	ug/L	97
37) 1,1,1-Trichloroethane	9.63	97	332446	21.4116	ug/L	99
38) Cyclohexane	9.67	56	311969	18.6799	ug/L	98
39) 1,1-Dichloropropene	9.81	75	248298	20.2545	ug/L	100
40) Carbon Tetrachloride	9.96	117	267082	19.1332	ug/L	98
43) 1,2-Dichloroethane	10.10	62	287726	20.7972	ug/L	98
44) Benzene	10.15	78	643286	20.0995	ug/L	99
45) Trichloroethene	10.87	130	168645	20.9880	ug/L	99
46) Methylcyclohexane	10.96	83	230256	18.8559	ug/L	99
47) 1,2-Dichloropropane	11.06	63	187790	20.9750	ug/L	98
49) Bromodichloromethane	11.34	83	253683	21.9336	ug/L	99
50) Dibromomethane	11.42	93	79352	21.8122	ug/L	97
51) 2-Chloroethyl Vinyl Ether	11.62	63	79223	19.3106	ug/L	99
52) 4-Methyl-2-Pentanone	11.65	58	37053	19.0823	ug/L	97

(#) = qualifier out of range (m) = manual integration
 11M45294.D 8260WT.M Sat Sep 08 18:04:08 2007

Data File : C:\MSDCHEM\1\DATA\090807\11M45294.D

Vial: 6

Acq On : 8 Sep 2007 17:42

Operator: MES

Sample : WG249650-03 20ug/L LCSDUP 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 18:04:04 2007

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53) cis-1,3-Dichloropropene	11.93	75	267354	20.6801	ug/L	99
54) Dimethyl Disulfide	12.18	79	141923	20.4970	ug/L	98
57) Toluene	12.35	91	676500	21.6963	ug/L	100
58) Ethyl Methacrylate	12.43	69	137788	22.4932	ug/L	98
59) trans-1,3-Dichloropropene	12.49	75	226452	20.9457	ug/L	100
60) 1,1,2-Trichloroethane	12.70	97	106208	21.5056	ug/L	99
61) 2-Hexanone	12.65	43	54266	21.1266	ug/L #	98
62) 1,3-Dichloropropane	12.99	76	205303	22.5146	ug/L	99
63) Tetrachloroethene	13.11	164	122420	20.0799	ug/L	98
64) Dibromochloromethane	13.35	129	143543	20.6431	ug/L	99
65) 1,2-Dibromoethane	13.59	107	99631	21.8869	ug/L	96
66) 1-Chlorohexane	13.68	91	217148	20.1619	ug/L	99
67) Chlorobenzene	14.06	112	449579	21.4300	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	162221	23.4576	ug/L	98
69) Ethylbenzene	14.08	106	243570	22.0521	ug/L	97
70) m-,p-Xylene	14.18	106	608334	43.5093	ug/L	98
71) o-Xylene	14.69	106	289061	21.5474	ug/L	97
72) Styrene	14.72	104	483769	22.2952	ug/L	97
73) Bromoform	15.18	173	70645	20.2066	ug/L	98
74) Isopropylbenzene	15.09	105	687417	19.9757	ug/L	100
76) 1,1,2,2-Tetrachloroethane	15.28	83	98575	22.0938	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	37664	21.5248	ug/L	97
79) trans-1,4-Dichloro-2-Buten	15.50	53	39552	18.1239	ug/L	92
80) n-Propylbenzene	15.56	91	926721	22.1424	ug/L	99
81) Bromobenzene	15.68	156	164002	22.8518	ug/L	96
82) 1,3,5-Trimethylbenzene	15.74	105	676621	22.6657	ug/L	98
83) 2-Chlorotoluene	15.81	91	606671	21.5036	ug/L	99
84) 4-Chlorotoluene	15.85	91	608773	22.2996	ug/L	99
85) a-Methylstyrene	16.11	118	339143	21.7572	ug/L	96
86) tert-Butylbenzene	16.16	134	117384	22.3789	ug/L	96
87) 1,2,4-Trimethylbenzene	16.21	105	722923	23.3729	ug/L	100
88) sec-Butylbenzene	16.42	105	751722	22.1474	ug/L	100
89) p-Isopropyltoluene	16.56	119	644697	21.7600	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	318774	21.1833	ug/L	98
91) 1,4-Dichlorobenzene	16.86	146	323892	21.7647	ug/L	97
92) n-Butylbenzene	17.05	91	606255	21.6399	ug/L	99
93) 1,2-Dichlorobenzene	17.32	146	287314	22.1877	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	18.23	75	21639	22.8801	ug/L	87
95) 1,2,4-Trichlorobenzene	19.29	180	205856	20.8599	ug/L	99
96) Hexachlorobutadiene	19.44	225	71811	21.1561	ug/L	98
97) Naphthalene	19.64	128	373894	21.8527	ug/L	100
98) 1,2,3-Trichlorobenzene	19.92	180	169070	21.1078	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45294.D 8260WT.M Sat Sep 08 18:04:08 2007

Data File : C:\MSDchem\1\DATA\090807\11M45294.D

Vial: 6

Acq On : 8 Sep 2007 17:42

Operator: MES

Sample : WG249650-03 20ug/L LCSDUP 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

```
MS Integration Params: rteint.p
```

Quant Time: Sep 8 18:04 2007

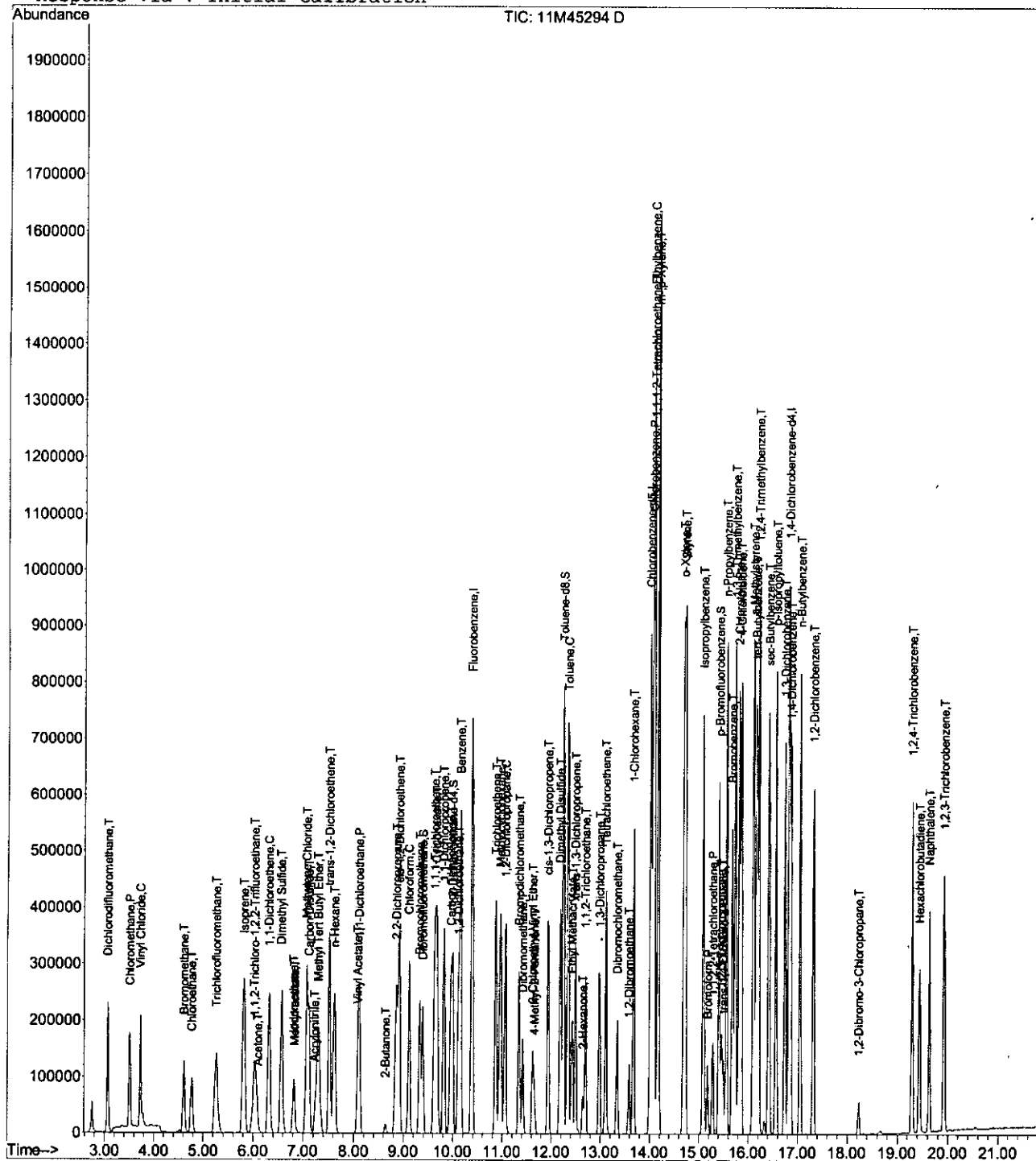
Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11

Last Update : Thu Sep 06 14:39:42 2007

Response via : Initial Calibration



11M45294.D 8260WT.M

Sat Sep 08 18:04:08 2007

Page 3

2.2 General Chemistry Data

2.2.1 Percent Solids Data

2.2.1.1 Raw Data

Example Percent Solids Calculations**1.0 Calculating the percent solids of a sample.**

$$\%Solids = \frac{WT3 - WT1}{WT2 - WT1} \times F$$

Where:

WT1 = Weight, in grams, of the empty container

1.30 g

WT2 = Weight, in grams, of the container and wet sample

21.274 g

WT3 = Weight, in grams, of the container and dried sample

5.21 g

F = Factor to get units as percent weight

100

%Solids = Percent solids present in sample.

19.58%

PERCENT SOLIDS

SOP K0003 Rev: 4Balance: ~~OHAUS ERW60~~ Other

Sample	Empty Pan WT 1	WET WT2	DRY WT 3A	WET WT 3B	DRY WT 3C
L0708805 -04	1.25	17.79	16.14		
05	1.26	17.40	15.77		
06	1.28	19.76	19.10		
07	1.30	40.30	37.49		
08	1.29	24.00	21.85		
09	1.30	38.92	36.24		
~~L0708805-01~~	~~1.27~~	~~18.75~~			
~~-02~~	~~1.28~~	~~17.27~~			
L0708825-03	1.27	20.62	19.92		
L0709014-04	1.28	25.68	24.13		
L0708823-04	1.28	18.68	14.92		
05	1.28	18.77	16.95		
06	1.29	20.85	19.52		
07	1.28	21.26	19.57		
08	1.31	15.49	14.12		
09	1.28	19.06	16.55		
L0709027-01	1.29	30.73	~~26.62~~ 24.72		
L0709004-01	1.29	21.43	~~26.62~~ 17.01		
-02	1.29	21.67	16.63		
L0709038-01	1.26	17.81	13.58		
Duplicate: L0708823-09	1.27	18.59	16.27		

Analyst: *[Signature]*

ADT (on): 9/5/2007 @0840

ADT (off): 9/6/2007 @0800

ADT (off):

L0709004-01	1.30	31.46 ^{JH}	26.62
-13	1.30	31.80	25.72

DCN#70843


[Signature]

Approved: September 06, 2007

KEMRON ENVIRONMENTAL SERVICES
PERCENT SOLID REPORT

Workgroup (AAB#): WG249347 Run Date: 09/05/2007
Method: D2216-90 Run Time: 08:40
Analyst: HJR

SAMPLE NUMBER	Pan WT.	Int. WT.	Fnl. WT.	% Solid	% Moist	UNITS
L0708805-04	1.250	17.79	16.14	90.02		%
L0708805-05	1.260	17.40	15.77	89.90		%
L0708805-06	1.280	19.76	19.10	96.43		%
L0708805-07	1.300	40.30	37.49	92.79		%
L0708805-08	1.290	24.00	21.85	90.53		%
L0708805-09	1.300	38.92	36.24	92.88		%
L0708823-04	1.280	18.68	14.92	78.39		%
L0708823-05	1.280	18.77	16.95	89.59		%
L0708823-06	1.290	20.85	19.52	93.20		%
L0708823-07	1.280	21.26	19.57	91.54		%
L0708823-08	1.310	15.49	14.12	90.34		%
L0708823-09	1.280	19.06	16.55	85.88		%
L0708825-03	1.270	20.62	18.92	91.21		%
L0709001-01	1.300	24.80	20.62	82.21		%
L0709001-13	1.300	31.80	25.72	80.07		%
L0709004-01	1.290	21.43	17.01	78.05		%
L0709004-02	1.290	21.67	16.63	75.27		%
L0709014-09	1.280	25.68	24.13	93.65		%
L0709027-01	1.290	30.73	4.720	11.65		%
L0709038-01	1.260	17.81	13.58	74.44		%
WG249347-01	1.280	19.06	16.55	85.88	14.12	%
WG249347-02	1.270	18.59	16.27	86.61	13.39	%

KEMRON FORMS - Modified 02/25/2007
Version 1.2
Report generated 09/06/2007 09:57

Donna Pearson
Approved: September 06, 2007

2.2.2 Total Organic Carbon Data

2.2.2.1 Summary Data

KEMRON ENVIRONMENTAL SERVICES
Total Organic Carbon

ID: 60980

KEMRON Login No.: L0709038

METHOD

Analysis: EPA 415.1/SM5310C (Total Organic Carbon)

HOLDING TIMES**Sample Preparation:** All holding times were met.**Sample Analysis:** All holding times were met.**PREPARATION**

Sample preparation proceeded normally.

BATCH QA/QC**Method Blank:** All acceptance criteria were met.**Laboratory Control Sample:** All acceptance criteria were met.**Matrix Spikes:** All acceptance criteria were met.**SAMPLES**

There were no technical difficulties.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst:

Created:



Approved: September 14, 2007

952 486

LABORATORY REPORT

L0709038

09/19/07 10:28

Submitted By

KEMRON Environmental Services

156 Starlite Drive

Marietta, OH 45750

(740) 373-4071

For

Account Name: CH2MHILL, Inc
115 Perimeter Center West
Suite 700
Atlanta, GA 30346
Attention: David Nelson

Account Number: 2736
Work ID: MEMPHIS DEPOT

P.O. Number: 913707

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
MW235_SS_65	L0709038-01	LYDKHN	1	05-SEP-07

Report Number: L0709038

Report Date : September 19, 2007

952 487

Sample Number: L0709038-01
Client ID: MW235 SS 65
Matrix: Soil
Workgroup Number: WG249481
Collect Date: 09/04/2007 14:30
Sample Tag: 01

PrePrep Method: NONE
Prep Method: LYDKHN
Analytical Method: LYDKHN
Analyst: DIH
Dilution: 1
Units: mg/kg

Instrument: TOC-VMP
Prep Date: 09/06/2007 20:19
Cal Date: 02/26/2007 11:40
Run Date: 09/06/2007 20:19
File ID: TC09-06-2007.29
Percent Solid: 74.4

Analyte	CAS. Number	Result	Qual	RL	MDL
Total Organic Carbon		58600		1340	672

1 of 1

2.2.2.2 QC Summary Data

**Total Organic Carbon Example Calculations
(Direct Readout Parameter)**

$$(\text{Readout})/(\text{dilution}) = \text{mg/L}$$

where:

Readout = direct readout from the instrument

dilution = dilution in decimal form (ex. 1/5 dilution = 0.2)

KEMRON Environmental Services Data Checklist

Date: 06-SEP-2007
Analyst: DR
Analyst: NA
Method: TOC-SOIL
Instrument: TOC-VWP
Curve Workgroup: NA
Runlog ID:
Analytical Workgroups: WG249481 WG249529

Calibration/Linearity	2/28/2007
Second Source Check	
ICV/CCV (std)	X
ICB/CCB	X
Blank	X
LCS/LCS Dup	X
MSMSD	X
Duplicate	X
Upload Results	X
Client Forms	X
QC Violation Sheet	X
Case Narratives	
Signed Raw Data	X
STD/LCS on benchsheet	X
Check for compliance with method and project specific requirements	X
Check the completeness of reported information	X
Check the information for the report narrative	X
Primary Reviewer	DR
Secondary Reviewer	DIH
Comments	

Primary Reviewer:
08-SEP-2007

Hyeanna Roberts

Secondary Reviewer:
13-SEP-2007

Danna Johnson

Generated: SEP-13-2007 10:41:28

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

952 491

Analytical Method:LYDKHN

AAB#:WG249481

Login Number:L0709038

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
MW235_SS_65	09/04/07	09/05/07	09/06/07	28	2.24	09/06/07	28	2.24	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

METHOD BLANK SUMMARY

Login Number: L0709038 _____ Work Group: WG249481 _____
Blank File ID: TC09-06-2007.03 _____ Blank Sample ID: WG249481-01 _____
Prep Date: 09/06/07 14:52 _____ Instrument ID: TOC-VWP _____
Analyzed Date: 09/06/07 14:52 _____ Method: LYDKHN _____
Analyst: DIH _____

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG249481-02	TC09-06-2007.04	09/06/07 14:59	01
LCS2	WG249481-03	TC09-06-2007.05	09/06/07 15:10	01
MW235_SS_65	L0709038-01	TC09-06-2007.29	09/06/07 20:19	01
DUP	WG249481-05	TC09-06-2007.42	09/06/07 22:11	01

METHOD BLANK REPORT

Login Number: L0709038 Prep Date: 09/06/07 14:52 Sample ID: WG249481-01
Instrument ID: TOC-VWP Run Date: 09/06/07 14:52 Prep Method: LYDKHN
File ID: TC09-06-2007.03 Analyst: DIH Method: LYDKHN
Workgroup (AAB#): WG249481 Matrix: Soil Units: mg/kg
Contract #: DACAS7-02-D-0006 Cal ID: TOC-VW-26-FEB-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Total Organic Carbon	500	1000	500	1	U

MDL Method Detection Limit

RL Reporting/Practical Quantitation Limit

ND Analyte Not detected at or above reporting limit

* Analyte concentration > RL

952 494

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709038 _____ Analyst: DIH _____ Prep Method: LYDKHN _____
Instrument ID: TOC-VWP _____ Matrix: Soil _____ Method: LYDKHN _____
Workgroup (AAB#): WG249481 _____ Units: mg/kg _____
QC Key: STD _____ Lot #: STD16374 _____

Sample ID: WG249481-02 LCS File ID: TC09-06-2007.04 Run Date: 09/06/2007 14:59 _____

Sample ID: WG249481-03 LCS2 File ID: TC09-06-2007.05 Run Date: 09/06/2007 15:10 _____

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD	
	Known	Found	% REC	Known	Found	% REC			Lmt	Q
Total Organic Carbon	8380	8690	104	8380	7810	93.2	10.7	70 - 140	50	

2.2.2.3 Raw Data

TC/TIC
CURVES



Total Organic Carbon

MAKE DAILY

CCV (TOC): $(19/200)(1000) = 95 \text{ mg/L}$ $(1/200)(1000) = 5 \text{ mg/L}$ *see below* LCS (TOC): $(1/200)(1000) = 5 \text{ mg/L}$

CCV (TIC): $(1/200)(1000) = 5 \text{ mg/L}$ MS (TOC): _____

Calibration Curve Date: _____

SOP: K 4151 Rev. 1

Instrument: Shimadzu TOC-VWP/ASI

☒ EPA 415.1 TOC/TOC-4/TOC-D/TOCLOW
☐ SW846 9060 TOC-14/TOC-44

- ☒ drain reservoir filled
☒ ASI water bottle full
☒ dilution water bottle full

- ☒ DAILY CHECK
☒ 3rd bottle full
☒ sufficient gas
☒ sufficient persulfate

- ☒ sufficient acid
☒ waste container

Position	Sample ID	Dilution	Position	Sample ID	Dilution	Position	Sample ID	Dilution
1	TC Curve		26	curve std		51		
2	TIC curve		27	TC: STD 17869		52	from SOP	
3	TC ICV		28	TIC: STD 16475		53	" "	
4	TIC ICV		29			54		
5			30			55		
6			31	ICV:		56		
7			32	TC STD 16885		57	$5/200(1000) = 25$	
8			33	TIC STD 17080		58	↓	↓
9			34			59		
10			35			60		
11			36			61		
12			37			62		
13			38			63		
14			39			64		
15			40			65		
16			41			66		
17			42			67		
18			43			68		
19			44			69		
20			45			70		
21			46			71		
22			47			72		
23			48			73		
24			49			74		
25			50			75		

Analyst: Deanna Roberts Date: 2/26/07 Time: _____

DCN#68372



Deanna Roberts

Approved: March 19, 2007

Instr Information

System
DetectorTOC/VW ASI
Wet Chemical

Cal. Curve

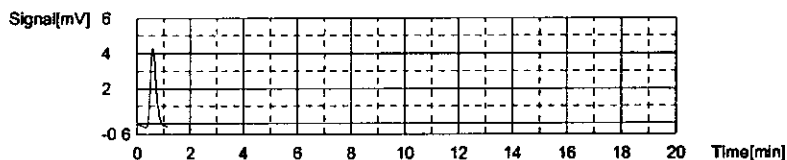
Sample Name: TC CURVE
Sample ID: Untitled
Cal. Curve: TCCURVE-02-26-2007_2007_02_26_10_12_35.cal
Status: Completed

Type	Anal
Standard	TC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.664	500uL	1	*****		02/26/2007 10:18:35 AM

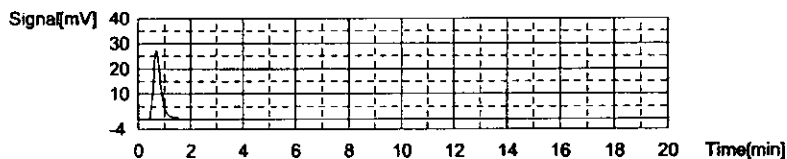
Acid Add. 0.000%
Mean Area 6.664



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	53.24	500uL	1	*****		02/26/2007 10:23:07 AM

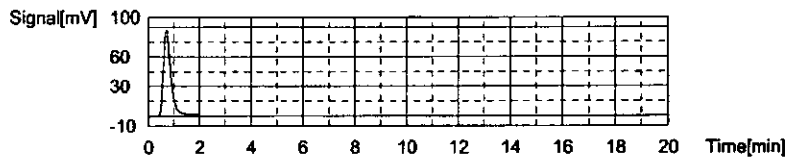
Acid Add. 0.000%
Mean Area 53.24



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	175.0	500uL	1	*****		02/26/2007 10:30:22 AM

Acid Add. 0.000%
Mean Area 175.0



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	389.9	500uL	1	*****		02/26/2007 10:39:05 AM

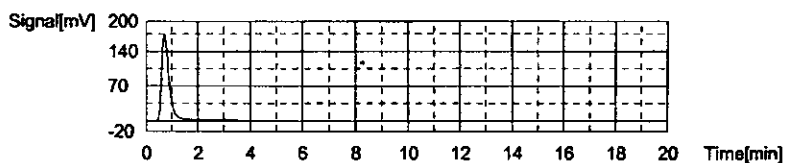
Heanna Roberts

Approved: March 19, 2007

02/27/2007 08:05:11 AM

CURVES-02-26-2007 (32)

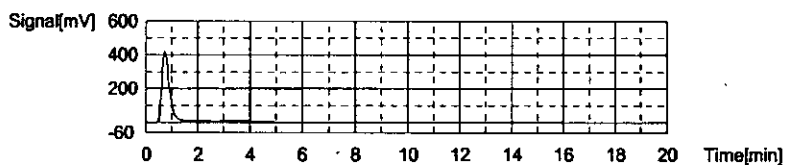
Acid Add. 0.000%
Mean Area 389.9



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	985.1	500ul	1	*****		02/26/2007 10:49:12 AM

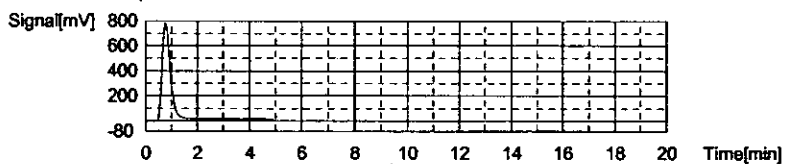
Acid Add. 0.000%
Mean Area 985.1



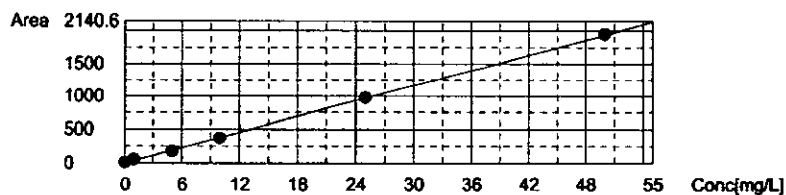
Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1946	500ul	1	*****		02/26/2007 10:59:19 AM

Acid Add. 0.000%
Mean Area 1946



Slope: 38.88
Intercept -3.633
 r^2 0.999863
Zero Shift No



Cal Curve

Sample Name:
Sample ID:
Cal. Curve:
Status

TIC CURVE
Untitled
TICCURVE-02-26-2007 2007_02_26_10_59_19.cal
Completed

Type	Anal.
Standard	IC

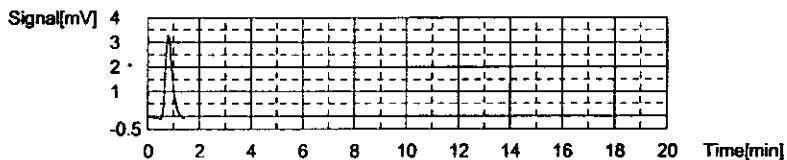
Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.426	500ul	1	*****		02/26/2007 11:03:55 AM

Heanna Roberts

Approved: March 19, 2007

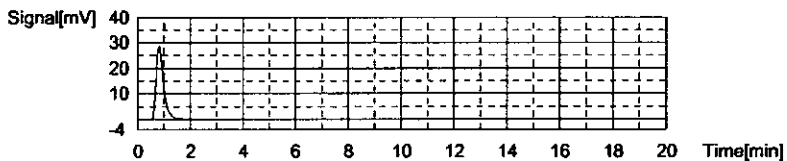
Acid Add. 10.00%
Mean Area 6.426



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	55.25	500ul	1	*****		02/26/2007 11:12:40 AM

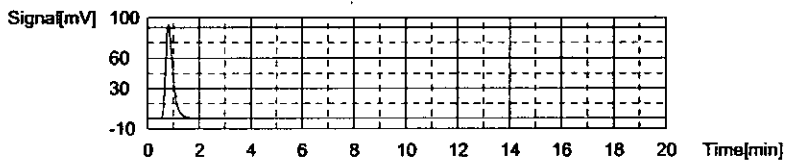
Acid Add. 10.00%
Mean Area 55.25



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	183.5	500ul	1	*****		02/26/2007 11:21:45 AM

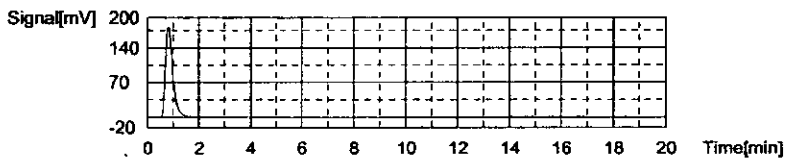
Acid Add. 10.00%
Mean Area 183.5



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	363.0	500ul	1	*****		02/26/2007 11:31:02 AM

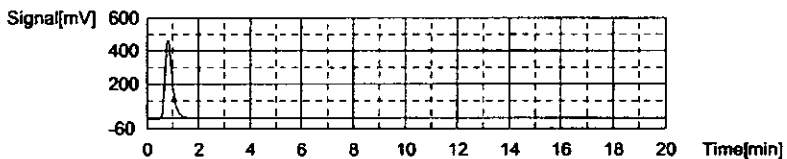
Acid Add. 10.00%
Mean Area 363.0



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	909.5	500ul	1	*****		02/26/2007 11:40:45 AM

Acid Add. 10.00%
Mean Area 909.5



Conc: 50.00mg/L

Heanna Roberts

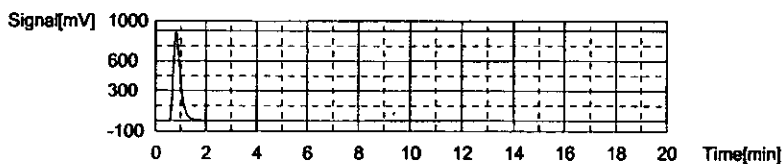
Approved: March 19, 2007

02/27/2007 08:05:11 AM

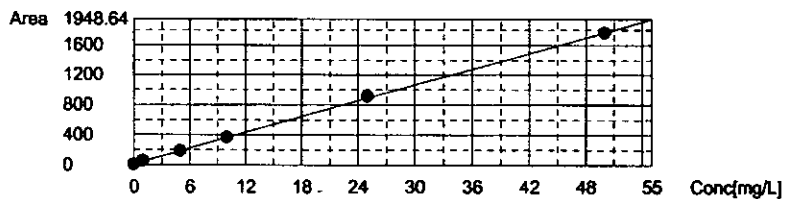
CURVES-02-26-2007.132

No.	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	1784	500ul				02/26/2007 11:51:14 AM

Acid Add. 10.00%
Mean Area 1784



Slope: 35.15
Intercept: 13.77
 r^2 : 0.999794
Zero Shift: No



Sample

Sample Name: TC ICV
Sample ID: Untitled
Origin: TCCURVE-02-26-2007.cal
Status: Completed
Chk. Result

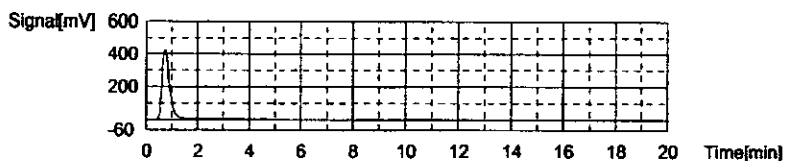
Type	Anal.	Dil.	Result
Unknown	TC	1.000	TC:23.83mg/L

1 Det

Anal.: TC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	922.8	23.83mg/L	500ul		1	TCCURVE-02-26-2007.2007 02 26 10 12 30	02/26/2007 12:02:39 PM

Mean Area 922.8
Mean Conc. 23.83mg/L



Sample

Sample Name: TIC CURVE
Sample ID: Untitled
Origin: TICCURVE-02-26-2007.cal
Status: Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	IC	1.000	IC:23.43mg/L

1 Det

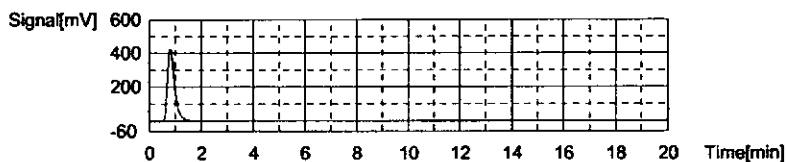
Heanna Roberts

Approved: March 19, 2007

Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	837.6	23.43mg/L	500uL		1	TICCURVE-02-26-2007.2007_02_26_10_59	02/26/2007 12:10:52 PM

Mean Area 837.6
Mean Conc. 23.43mg/L

*Heanna Roberts*

Approved: March 19, 2007



Total Organic Carbon (Soil)

 Wg 249481
 Wg 249529
Calibration curve: 2/28/2007LCS (TOC): STD 16374CCV (TOC): STD 19511MS (TOC): STD 16374Daily dilution: 40,000
☒ Lloyd Kahn Method
 Other:

 SOP: K 5310 Rev. 7
 Instrument Shimadzu TOC-VWP/SSM-5000A

DAILY CHECK

☒ drain reservoir filled
☒ sufficient gas

☒ waste container
☒ tubing connections

Position	Sample ID	Weight (mg)
1	CCV 40000	100
2	CCB	100
3	Blank	288.8
4	LCS	212.2
5	LCSDUP	214.2
6	09-045-14	458.3
7	15	187.2
8	10	312.4
9	11	408.5
10	05	335.2
11	12	473.1
12	06	352.7
13	CCV 40,000	100
14	CCB	100
15	09-045-13	415.9
16	19	666.2
17	01	391.3
18	02	282.3
19	03	263.2
20	04	460.8
21	07	245.3
22	08	337.6
23	09	425.7
24	16	388.6
25	CCV 40000	100

Position	Sample ID	Weight (mg)
26	CCB	100
27	09-045-17	469.4
28	18	342.1
29	09-038-01	331.7
30	DUP 045-01	438.7 x
31	MS 045-01	120.8 x
32	Blank	409.1
33	LCS 8380	416.4 x 452.6 x
34	LCSDUP 8380	462.6 x 316.0
35	09-010-01	413.2
36	02	406.6
37	CCV 40,000	100
38	CCB	100
39	09-056-01	394.6
40	DUP	381.4
41	MS ↓	384.5
42	DUP 045-01	110.9
43	MS 045-01	114.9
44	LCS 8380	374.9
45	CCV 40000	100
46	CCB	100
47		
48		
49		
50		

Analyst: Deanna HessonDate: 9/1/07 Time: 1420Deanna Roberts

X need rerun

DCN#70859


Deanna Hesson

Approved: September 13, 2007



wg 249481
wg 249529

TOTAL SOIL WET WEIGHTS

LCS (8380 mg/kg):

STD16374

ADT	SAMPLE	WEIGHT (mg)	COMMENTS
un/9/6/1250/07	BLK	288.8 ✓	
	LCS	212.2 ✓	
	LCS DUP	214.2 ✓	
	09-045-14	458.3 ✓	clay hold time exprec
	15	187.2 ✓	↓
	10	312.4 ✓	
	11	408.5 ✓	
	05	335.2 ✓	
	12	473.1 ✓	
	06	352.7 ✓	
	13	415.9 ✓	✓
	19	666.2 ✓	mud
	01	391.3 ✓	clay A lot EFFERESCENCE
	02	282.3 ✓	
	03	263.2 ✓	
	04	460.8 ✓	
	07	245.3	
	08	337.6	
	09	425.7	
	16	388.6	
	17	~~468~~ 469.4	
DUP	18	342.1	
MS ✓	09-038-01	331.7 ✓	
DUP	045-01	438.7	
MS	↓	120.8/115.7	

Donna/bsoon

Approved: September 13, 2007

LCS (8380 mg/kg): Std 16374

Journal/Person

Page 253

	Analys	Sample Name	Result	Status	Date / Time
1	SSM-T	CCV 40000	SSM-TC:36824mg/L	Compl	09/06/2007 02:26:32 PM
2	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/06/2007 02:34:30 PM
3	SSM-T	WG249481-01 BLANK	!!Error!! SSM-TC:-59.91mg/L	Compl	09/06/2007 02:52:31 PM
4	SSM-T	WG249481-02 LCS	SSM-TC:8689mg/L	Compl	09/06/2007 02:59:32 PM
5	SSM-T	WG249481-03 LCSDUP	SSM-TC:7807mg/L	Compl	09/06/2007 03:10:11 PM
6	SSM-T	L0709045-14	SSM-TC:36033mg/L	Compl	09/06/2007 03:27:02 PM
7	SSM-T	L0709045-15	SSM-TC:1609mg/L	Compl	09/06/2007 03:36:52 PM
8	SSM-T	L0709045-10	SSM-TC:2640mg/L	Compl	09/06/2007 03:55:01 PM
9	SSM-T	L0709045-11	SSM-TC:1834mg/L	Compl	09/06/2007 04:06:31 PM
10	SSM-T	L0709045-05	SSM-TC:937.1mg/L	Compl	09/06/2007 04:18:21 PM
11	SSM-T	L0709045-12	SSM-TC:434.2mg/L	Compl	09/06/2007 04:44:06 PM
12	SSM-T	L0709045-06	SSM-TC:513.1mg/L	Compl	09/06/2007 04:51:24 PM
13	SSM-T	CCV 40000	SSM-TC:37727mg/L	Compl	09/06/2007 04:57:25 PM
14	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/06/2007 05:07:24 PM
15	SSM-T	L0709045-13	SSM-TC:976.2mg/L	Compl	09/06/2007 06:26:12 PM
16	SSM-T	L0709045-19	SSM-TC:428.0mg/L	Compl	09/06/2007 06:31:39 PM
17	SSM-T	L0709045-01	SSM-TC:33882mg/L	Compl	09/06/2007 06:44:28 PM
18	SSM-T	L0709045-02	SSM-TC:902.6mg/L	Compl	09/06/2007 06:49:09 PM
19	SSM-T	L0709045-03	SSM-TC:432.1mg/L	Compl	09/06/2007 06:57:10 PM
20	SSM-T	L0709045-04	SSM-TC:347.4mg/L	Compl	09/06/2007 07:02:08 PM
21	SSM-T	L0709045-07	SSM-TC:2358mg/L	Compl	09/06/2007 07:11:53 PM
22	SSM-T	L0709045-08	SSM-TC:574.8mg/L	Compl	09/06/2007 07:18:25 PM
23	SSM-T	L0709045-09	SSM-TC:3559mg/L	Compl	09/06/2007 07:24:49 PM
24	SSM-T	L0709045-16	SSM-TC:1332mg/L	Compl	09/06/2007 07:30:36 PM
25	SSM-T	CCV 40000	SSM-TC:38051mg/L	Compl	09/06/2007 07:37:21 PM
26	SSM-T	CCB	!!Error!! SSM-TC:-165.4mg/L	Compl	09/06/2007 07:39:35 PM
27	SSM-T	L0709045-17	SSM-TC:791.7mg/L	Compl	09/06/2007 07:46:10 PM
28	SSM-T	L0709045-18	SSM-TC:207.9mg/L	Compl	09/06/2007 07:54:13 PM
29	SSM-T	L0709038-01	SSM-TC:43609mg/L	Compl	09/06/2007 08:19:33 PM
30	SSM-T	WG249481-05 DUPX	SSM-TC:14728mg/L	Compl	09/06/2007 08:28:01 PM
31	SSM-T	WG249481-06 MSX	!!Error!! SSM-TC:-143.2mg/L	Compl	09/06/2007 08:38:18 PM
32	SSM-T	WG249529-01 BLANK	!!Error!! SSM-TC:-40.53mg/L	Compl	09/06/2007 08:46:25 PM
33	SSM-T	WG249529-02 LCSX	!!Error!! SSM-TC:-38.23mg/L	Compl	09/06/2007 09:13:48 PM
34	SSM-T	WG249529-03 LCSDUP	SSM-TC:9095mg/L	Compl	09/06/2007 09:20:41 PM
35	SSM-T	L0709016-01	SSM-TC:3257mg/L	Compl	09/06/2007 09:26:13 PM
36	SSM-T	L0709016-02	SSM-TC:2075mg/L	Compl	09/06/2007 09:30:57 PM
37	SSM-T	CCV 40000	SSM-TC:38163mg/L	Compl	09/06/2007 09:36:05 PM
38	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/06/2007 09:42:03 PM
39	SSM-T	L0709056-01	SSM-TC:23221mg/L	Compl	09/06/2007 09:48:02 PM
40	SSM-T	WG249529-05 DUP	SSM-TC:26096mg/L	Compl	09/06/2007 09:54:10 PM
41	SSM-T	WG249529-06 MS	SSM-TC:33374mg/L	Compl	09/06/2007 10:00:48 PM
42	SSM-T	WG249481-05 DUP	SSM-TC:35774mg/L	Compl	09/06/2007 10:11:06 PM
43	SSM-T	WG249481-06 MS	SSM-TC:25102mg/L	Compl	09/06/2007 10:18:27 PM
44	SSM-T	WG249529-02 LCS	SSM-TC:8981mg/L	Compl	09/06/2007 10:24:13 PM
45	SSM-T	CCV 40000	SSM-TC:38568mg/L	Compl	09/06/2007 10:29:09 PM
46	SSM-T	CCB	!!Error!! SSM-TC:-173.0mg/L	Compl	09/06/2007 10:30:15 PM

Heanna Roberts

09/06/2007 10:30:46 PM

1/1

Heanna Roberts

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.132

Instr. Information

System
DetectorTOCVW SSM
Wet Chemical*Heanna Roberts*

Sample

Sample Name: CCV 40000
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

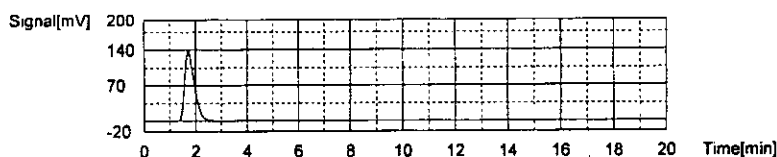
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:36824mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	364.8	364.8	3682ug	36824mg/L	100.0mg	100ul		SOILCURVE-2-28-2007.2007.02.28.08.47	09/06/2007 02:26:32 PM

Mean Area: 364.8
 Mean CNV: 364.8
 Mean Conc: 36824mg/L



Sample

Sample Name: CCB
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

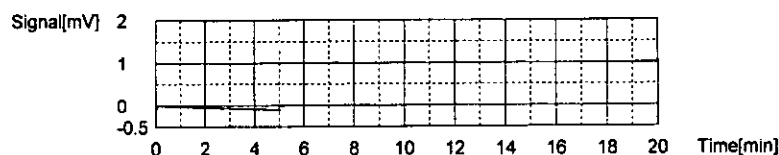
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	!!Error!! SSM-TC:-173.0mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100ul		SOILCURVE-2-28-2007.2007.02.28.08.47	09/06/2007 02:34:30 PM

Mean Area: 0.000
 Mean CNV: 0.000
 Mean Conc: -173.0mg/L



1/21

Heanna Roberts

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL132

Sample

Sample Name: WG249481-01 BLANK
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC:-59.91mg/L

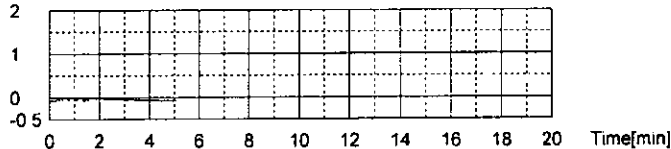
1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-59.91mg/L	288.8mg	288uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/06/2007 02:52:31 PM

Mean Area: 0.000
 Mean CNV: 0.000
 Mean Conc: -59.91mg/L

Signal[mV] 2



Sample

Sample Name: WG249481-02 LCS
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:8689mg/L

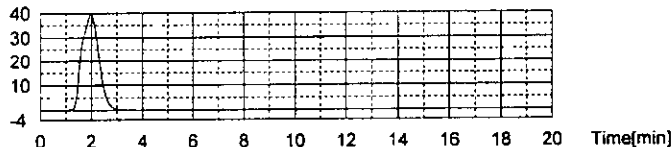
1 Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	183.5	183.5	1844ug	8689mg/L	212.2mg	212uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/06/2007 02:59:32 PM

Mean Area: 183.5
 Mean CNV: 183.5
 Mean Conc: 8689mg/L

Signal[mV] 40



Sample

Sample Name: WG249481-03 LCSDUP
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

2/21

Donna Pearson
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.132

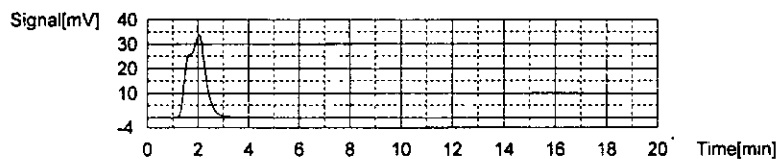
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:7807mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	166.6	166.6	1672ug	7807mg/L	214.2mg	214uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 03:10:11 PM

Mean Area 166.6
Mean CNV 166.6
Mean Conc. 7807mg/L



Sample

Sample Name: L0709045-14
Sample ID: SOIL-02-28-2007.met
Origin: Completed
Status: Completed
Chk. Result:

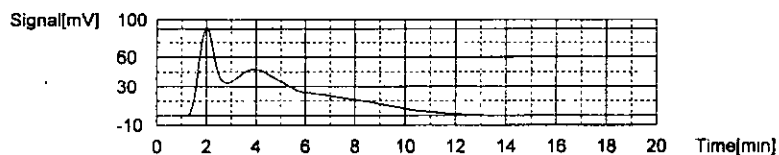
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:36033mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	1630	1630	16514ug	36033mg/L	458.3mg	458uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 03:27:02 PM

Mean Area 1630
Mean CNV 1630
Mean Conc. 36033mg/L



Sample

Sample Name: L0709045-15
Sample ID: SOIL-02-28-2007 met
Origin: Completed
Status: Completed
Chk. Result:

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:1609mg/L

1. Det

Anal: SSM-TC

3/21

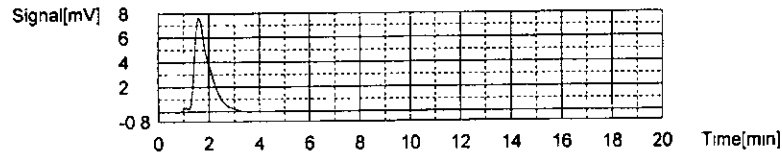
Drummond
Approved: September 13, 2007

09/06/2007 10:30 49 PM

09-06-2007-DIH-DR-SOIL132

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal Curve	Date / Time
1	31.41	31.41	301.2ug	1609mg/L	187.2mg	187uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 03:35 52 PM

Mean Area 31.41
Mean CNV 31.41
Mean Conc 1609mg/L



Sample

Sample Name: L0709045-10
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result

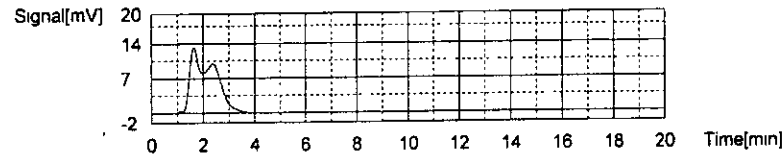
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:2640mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal Curve	Date / Time
1	83.02	83.02	824.7ug	2640mg/L	312.4mg	312uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 03:55:01 PM

Mean Area 83.02
Mean CNV 83.02
Mean Conc 2640mg/L



Sample

Sample Name: L0709045-11
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:1834mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal Curve	Date / Time
1	75.57	75.57	749.1ug	1834mg/L	408.5mg	408uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 04:06:31 PM

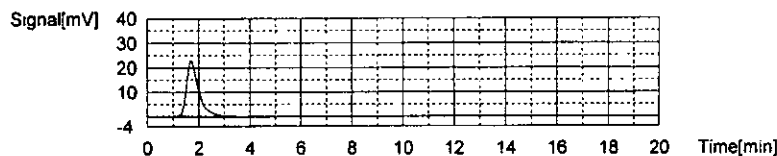
4/21

Drumma/Person
Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL t32

Mean Area 75.57
 Mean CNV 75.57
 Mean Conc. 1834mg/L



Sample

Sample Name: L0709045-05
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result

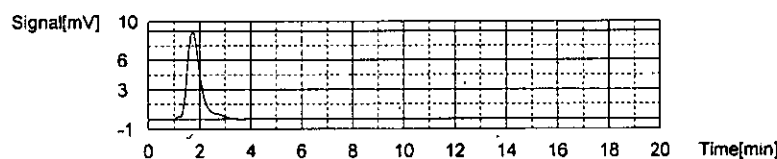
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:937.1mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	32.68	32.68	314 ug	937.1mg/L	335.2mg	335uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 04:18:21 PM

Mean Area 32.68
 Mean CNV 32.68
 Mean Conc. 937.1mg/L



Sample

Sample Name: L0709045-12
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result

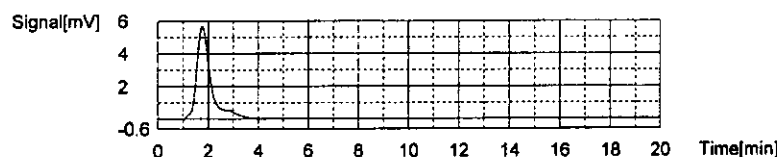
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:434.2mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	21.96	21.96	205.4ug	434.2mg/L	473.1mg	473uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 04:44:06 PM

Mean Area 21.96
 Mean CNV 21.96
 Mean Conc. 434.2mg/L



5/21

Donna/bsoon

Approved: September 13, 2007

Sample

Sample Name: L0709045-06
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk Result:

Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:513.1mg/L

1 Det

Anal. SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	19.55	19.55	181.0ug	513.1mg/L	352.7mg	352uL		SOILCURVE-2-28-2007 2007.02.28.08.47	09/06/2007 04:51:24 PM

Mean Area: 19.55
 Mean CNV: 19.55
 Mean Conc.: 513.1mg/L



Sample

Sample Name: CCV 40000
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk Result:

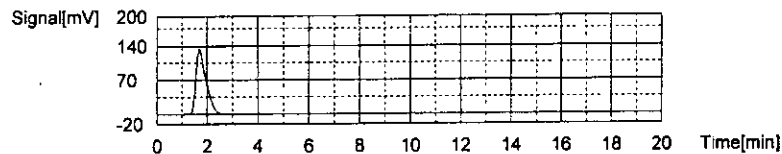
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:37727mg/L

1 Det

Anal. SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	373.7	373.7	3773ug	37727mg/L	100.0mg	100uL		SOILCURVE-2-28-2007 2007.02.28.08.47	09/06/2007 04:57:25 PM

Mean Area: 373.7
 Mean CNV: 373.7
 Mean Conc.: 37727mg/L



Sample

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL 132

Sample Name: CCB
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

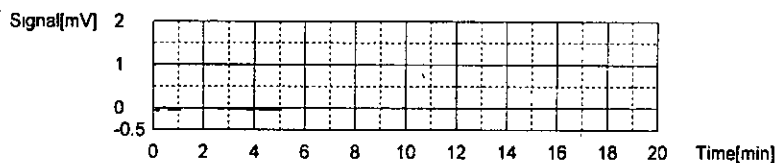
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	!!Error!! SSM-TC: -173.0mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100ul		SOILCURVE-2-28-2007 2007_02_28_08_47	409/06/2007 05:07 24 PM

Mean Area: 0.000
 Mean CNV: 0.000
 Mean Conc.: -173.0mg/L



Sample

Sample Name: L0709045-13
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

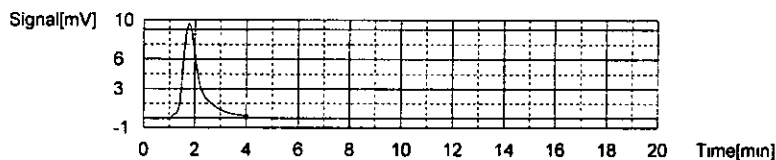
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:976.2mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	41.74	41.74	406.0ug	976.2mg/L	415.9mg	415ul		SOILCURVE-2-28-2007 2007_02_28_08_47	409/06/2007 06:26:12 PM

Mean Area: 41.74
 Mean CNV: 41.74
 Mean Conc.: 976.2mg/L



Sample

Sample Name: L0709045-19
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:428.0mg/L

7/21

Donna/psoon
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

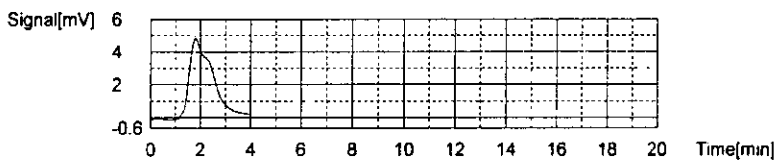
09-06-2007-DIH-DR-SOIL.132

1 Det

Anal SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal Curve	Date / Time
1	29.82	29.82	285.1ug	428.0mg/L	666.2mg	666uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 06:31:39 PM

Mean Area 29.82
Mean CNV 29.82
Mean Conc. 428.0mg/L



Sample

Sample Name: L0709045-01
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result

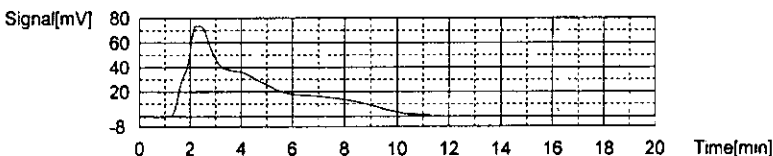
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:33882mg/L

1 Det

Anal SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal Curve	Date / Time
1	1309	1309	13258ug	33882mg/L	391.3mg	391uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 06:44:28 PM

Mean Area 1309
Mean CNV 1309
Mean Conc. 33882mg/L



Sample

Sample Name: L0709045-02
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:902.6mg/L

1 Det

Anal SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal Curve	Date / Time
1	26.83	26.83	254.8ug	902.6mg/L	282.3mg	282uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 06:49:09 PM

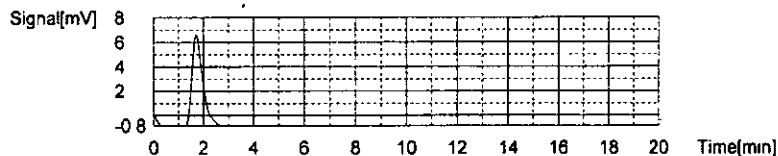
8/21

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.132

Mean Area 26.83
Mean CNV 26.83
Mean Conc. 902.6mg/L



Sample

Sample Name L0709045-03
Sample ID
Origin: SOIL-02-28-2007.met
Status Completed
Chk. Result

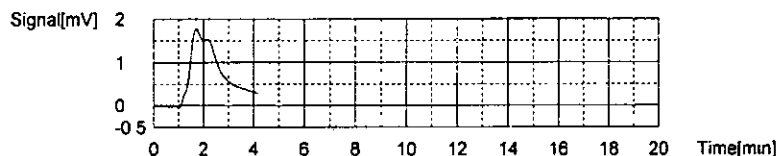
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 432.1mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	12.92	12.92	113.7ug	432.1mg/L	263.2mg	263uL		SOILCURVE-2-28-2007 2007_02_28_08_47	09/06/2007 06:57:10 PM

Mean Area 12.92
Mean CNV 12.92
Mean Conc. 432.1mg/L



Sample

Sample Name L0709045-04
Sample ID
Origin: SOIL-02-28-2007.met
Status Completed
Chk. Result

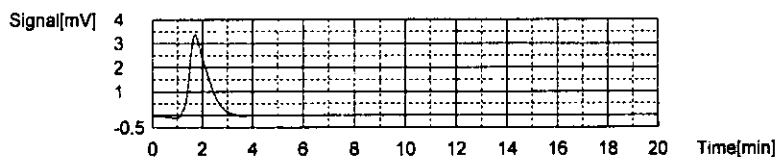
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 347.4mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	17.49	17.49	160.1ug	347.4mg/L	460.8mg	460uL		SOILCURVE-2-28-2007 2007_02_28_08_47	09/06/2007 07:02:08 PM

Mean Area 17.49
Mean CNV 17.49
Mean Conc. 347.4mg/L



9/21

Approved: September 13, 2007

Sample

Sample Name: L0709045-07
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk Result

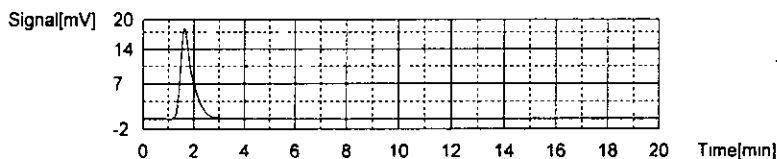
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1 000	1 000mg/L	SSM-TC 2358mg/L

1 Det

Anal. SSM-TC

No	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	58.73	58.73	578.3ug	2358mg/L	245.3mg	245uL		SOILCURVE-2-28-2007 2007_02_28_08_47	09/06/2007 07:11:53 PM

Mean Area 58.73
Mean CNV 58.73
Mean Conc. 2358mg/L



Sample

Sample Name: L0709045-08
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk Result

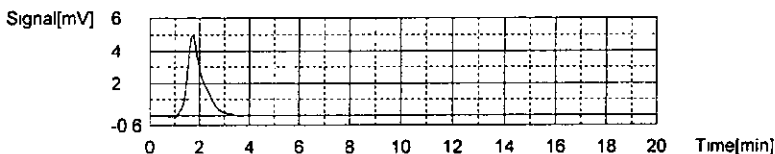
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1 000	1 000mg/L	SSM-TC 574.8mg/L

1 Det

Anal. SSM-TC

No	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	20.84	20.84	194.1ug	574.8mg/L	337.6mg	337uL		SOILCURVE-2-28-2007 2007_02_28_08_47	09/06/2007 07:18:25 PM

Mean Area 20.84
Mean CNV 20.84
Mean Conc 574.8mg/L



Sample

Inna/Person
Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.i32

Sample Name
Sample ID:
Origin
Status
Chk. Result

L0709045-09
SOIL-02-28-2007.met
Completed

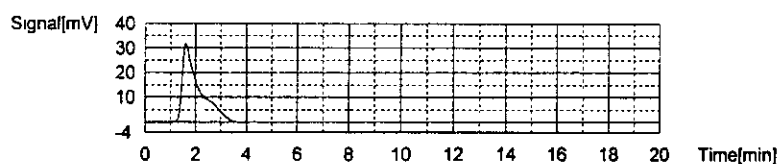
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:3559mg/L

1. Det

Anal. SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	151.1	151.1	151.5ug	3559mg/L	425.7mg	425uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 07:24:49 PM

Mean Area 151.1
Mean CNV 151.1
Mean Conc. 3559mg/L



Sample

Sample Name
Sample ID
Origin
Status
Chk. Result

L0709045-16
SOIL-02-28-2007.met
Completed

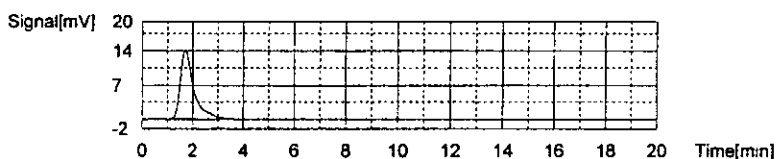
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:1332mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	52.76	52.76	517.8ug	1332mg/L	388.6mg	388uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 07:30:36 PM

Mean Area 52.76
Mean CNV 52.76
Mean Conc. 1332mg/L



Sample

Sample Name
Sample ID
Origin
Status
Chk. Result

CCV 40000
SOIL-02-28-2007.met
Completed

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:38051mg/L

11/21

Approved: September 13, 2007

09/06/2007 10:30:49 PM

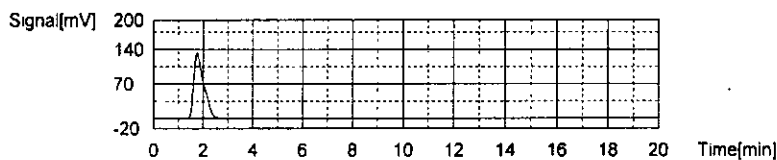
09-06-2007-DIH-OR-SOIL.t32

1 Det

Anal SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	376.9	376.9	3805ug	38051mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007_02_28_08_47_40	09/06/2007 07:37:21 PM

Mean Area 376.9
 Mean CNV 376.9
 Mean Conc 38051mg/L



Sample

Sample Name: CCB
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk Result:

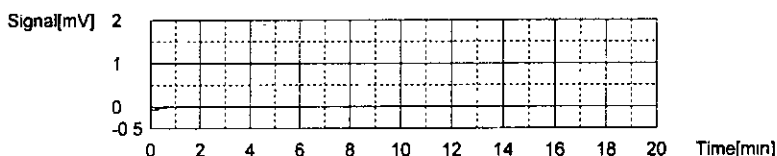
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC: -165.4mg/L

1 Det

Anal SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.07530	0.07530	-16.54ug	-165.4mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007_02_28_08_47_40	09/06/2007 07:39:35 PM

Mean Area 0.07530
 Mean CNV 0.07530
 Mean Conc -165.4mg/L



Sample

Sample Name: L0709045-17
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk Result:

Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 791.7mg/L

1 Det

Anal SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	38.35	38.35	371.6ug	791.7mg/L	469.4mg	469uL		SOILCURVE-2-28-2007.2007_02_28_08_47_40	09/06/2007 07:46:10 PM

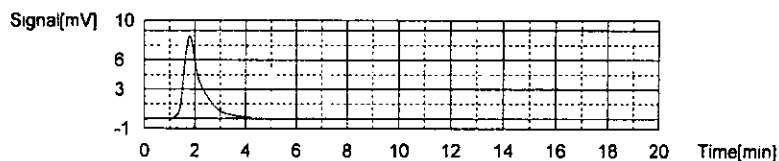
12/21

Dr. Anna/Person
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL 132

Mean Area 38.35
Mean CNV 38.35
Mean Conc. 791.7mg/L



Sample

Sample Name: L0709045-18
Sample ID: SOIL-02-28-2007.met
Origin: Completed
Status: Completed
Chk. Result:

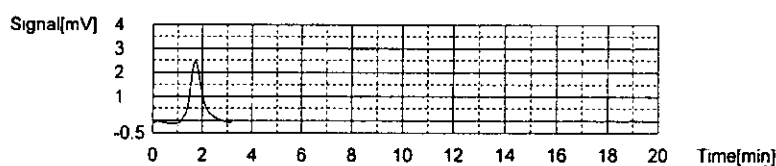
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:207.9mg/L

1. Det

Anal. SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	8.720	8.720	71.13ug	207.9mg/L	342.1mg	342uL		SOILCURVE-2-28-2007 2007 02 28 08 47	09/06/2007 07 54 13 PM

Mean Area 8.720
Mean CNV 8.720
Mean Conc. 207.9mg/L



Sample

Sample Name: L0709038-01
Sample ID: SOIL-02-28-2007.met
Origin: Completed
Status: Completed
Chk. Result:

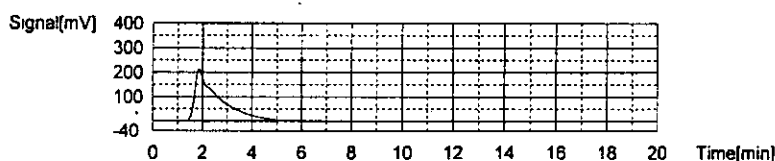
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:43609mg/L

1. Det

Anal. SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	1428	1428	14465ug	43609mg/L	331.7mg	331uL		SOILCURVE-2-28-2007 2007 02 28 08 47	09/06/2007 08 19:33 PM

Mean Area 1428
Mean CNV 1428
Mean Conc. 43609mg/L



13/21

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL 132

Sample

Sample Name: WG249481-05 DUPX
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result:

Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC: 14728mg/L

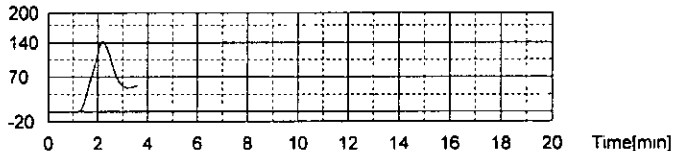
1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	638.8	638.8	6461ug	14728mg/L	438.7mg	438uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 08:28:01 PM

Mean Area: 638.8
Mean CNV: 638.8
Mean Conc.: 14728mg/L

Signal[mV]



Sample

Sample Name: WG249481-06 MSX
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result:

Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC: -143.2mg/L

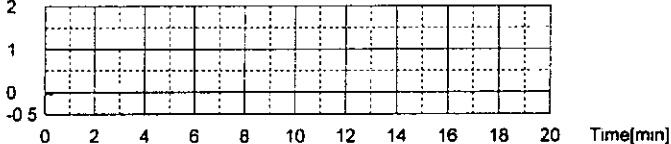
1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-143.2mg/L	120.8mg	120uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 08:38:18 PM

Mean Area: 0.000
Mean CNV: 0.000
Mean Conc.: -143.2mg/L

Signal[mV]



Sample

14/21

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL 132

Sample Name: WG249529-01 BLANK
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

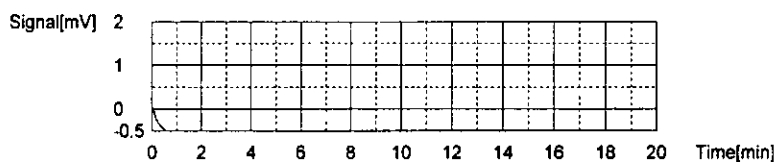
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC:-40.53mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.07110	0.07110	-16.58ug	-40.53mg/L	409.1mg	409uL		SOILCURVE-2-28-2007.2007_02_28_08_47	409/06/2007 08:46:25 PM

Mean Area: 0.07110
 Mean CNV: 0.07110
 Mean Conc.: -40.53mg/L



Sample

Sample Name: WG249529-02 LCSX
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

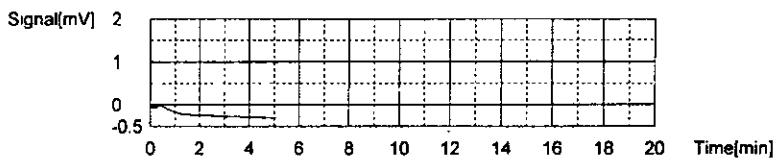
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC:-38.23mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-38.23mg/L	452.6mg	452uL		SOILCURVE-2-28-2007.2007_02_28_08_47	409/06/2007 09:13:48 PM

Mean Area: 0.000
 Mean CNV: 0.000
 Mean Conc.: -38.23mg/L



Sample

Sample Name: WG249529-03 LCSDUP
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:9095mg/L

15/21

Donna/psoon
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

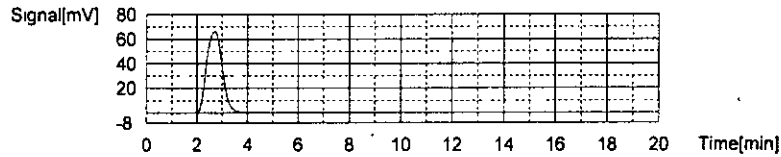
09-06-2007-DIH-DR-SOIL.r32

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal Curve	Date / Time
1	285.1	285.1	2874ug	9095mg/L	316.0mg	316uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/06/2007 09:20:41 PM

Mean Area 285.1
Mean CNV 285.1
Mean Conc. 9095mg/L



Sample

Sample Name L0709016-01
Sample ID
Origin SOIL-02-28-2007 met
Status Completed
Chk Result

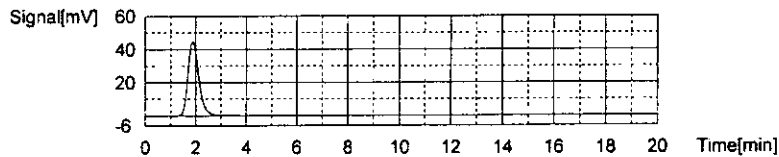
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:3257mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal Curve	Date / Time
1	134.4	134.4	1346ug	3257mg/L	413.2mg	413uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/06/2007 09:26:13 PM

Mean Area 134.4
Mean CNV 134.4
Mean Conc. 3257mg/L



Sample

Sample Name L0709016-02
Sample ID
Origin SOIL-02-28-2007 met
Status Completed
Chk Result

Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:2075mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal Curve	Date / Time
1	84.89	84.89	843.6ug	2075mg/L	406.6mg	406uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/06/2007 09:30:57 PM

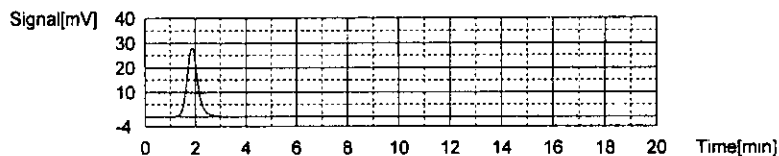
16/21

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.i32

Mean Area 84.89
Mean CNV 84.89
Mean Conc. 2075mg/L



Sample

Sample Name: CCV 40000
Sample ID: SOIL-02-28-2007 met
Origin: Completed
Status: Completed
Chk Result:

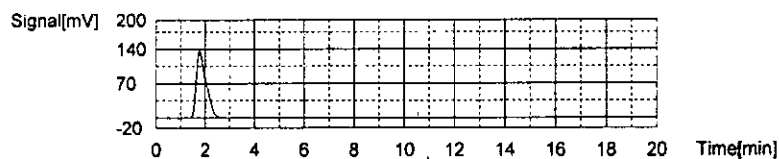
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:38163mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	378.0	378.0	3816ug	38163mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/06/2007 09:36:05 PM

Mean Area 378.0
Mean CNV 378.0
Mean Conc. 38163mg/L



Sample

Sample Name: CCB
Sample ID: SOIL-02-28-2007 met
Origin: Completed
Status: Completed
Chk Result:

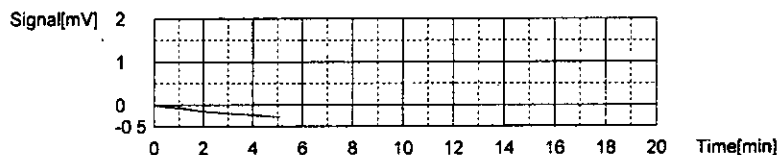
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC:-173.0mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/06/2007 09:42:03 PM

Mean Area 0.000
Mean CNV 0.000
Mean Conc. -173.0mg/L



17/21

Anna/psoon

Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL132

Sample

Sample Name: L0709056-01
Sample ID: SOIL-02-28-2007 met
Origin: Completed
Status:
Chk Result

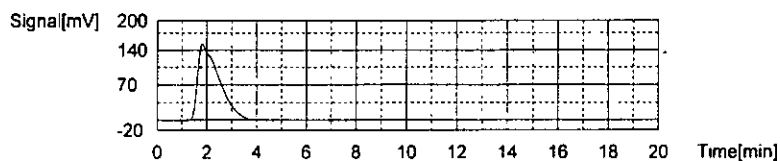
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 23221mg/L

1 Det

Anal SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	905.2	905.2	9163ug	23221mg/L	394.6mg	394uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/06/2007 09:48 02 PM

Mean Area 905.2
Mean CNV 905.2
Mean Conc 23221mg/L



Sample

Sample Name: WG249529-05 DUP
Sample ID: SOIL-02-28-2007 met
Origin: Completed
Status:
Chk Result

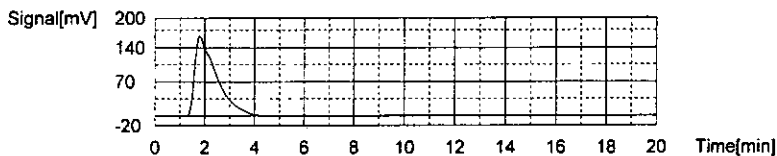
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 26096mg/L

1 Det

Anal SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal. Curve	Date / Time
1	983.1	983.1	9953ug	26096mg/L	381.4mg	381uL		SOILCURVE-2-28-2007 2007_02_28_08_47_40	09/06/2007 09:54 10 PM

Mean Area 983.1
Mean CNV 983.1
Mean Conc. 26096mg/L



Sample

18/21

Dr. Anna Pearson
Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL 132

Sample Name: WG249529-06 MS
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk. Result

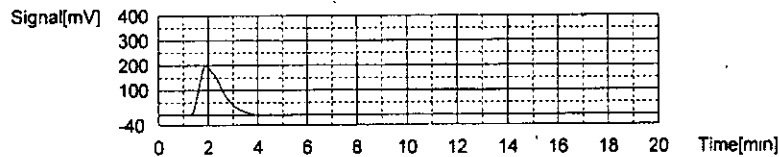
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:33374mg/L

1. Det

Anal. SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	1267	1267	12832ug	33374mg/L	384.5mg	384uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/06/2007 10:00:48 PM

Mean Area 1267
 Mean CNV 1267
 Mean Conc. 33374mg/L



Sample

Sample Name: WG249481-05 DUP
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk. Result

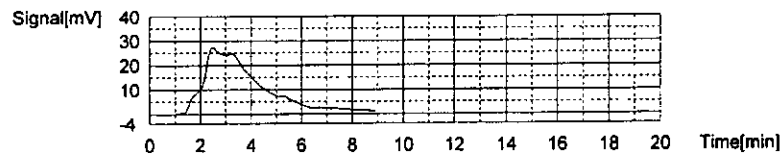
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:35774mg/L

1. Det

Anal. SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	392.9	392.9	3967ug	35774mg/L	110.9mg	110uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/06/2007 10:11:06 PM

Mean Area 392.9
 Mean CNV 392.9
 Mean Conc. 35774mg/L



Sample

Sample Name: WG249481-06 MS
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:25102mg/L

19/21

Annmarie Pearson
 Approved: September 13, 2007

09/06/2007 10:30 49 PM

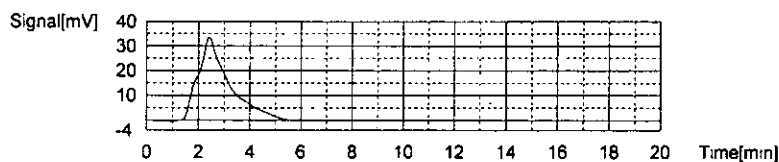
09-06-2007-DIH-DR-SOIL 132

1 Det

Anal: SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal Curve	Date / Time
1	286.1	286.1	2884ug	25102mg/L	114.9mg	114uL		SOILCURVE-2-28-2007 2007_02_28_08_47	09/06/2007 10:18:27 PM

Mean Area 286.1
Mean CNV 286.1
Mean Conc. 25102mg/L



Sample

Sample Name: WG249529-02 LCS
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result:

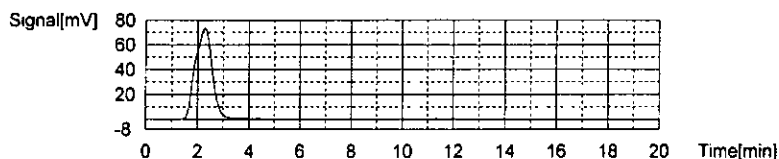
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 8981mg/L

1. Det

Anal: SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal Curve	Date / Time
1	333.7	333.7	3367ug	8981mg/L	374.9mg	374uL		SOILCURVE-2-28-2007 2007_02_28_08_47	09/06/2007 10:24:13 PM

Mean Area 333.7
Mean CNV 333.7
Mean Conc. 8981mg/L



Sample

Sample Name: CCV 40000
Sample ID:
Origin: SOIL-02-28-2007 met
Status: Completed
Chk. Result:

Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 38568mg/L

1. Det

Anal: SSM-TC

No	Area	CNV	Abs C	Conc	Weight	Volume	Ex	Cal Curve	Date / Time
1	382.0	382.0	3857ug	38568mg/L	100.0mg	100uL		SOILCURVE-2-28-2007 2007_02_28_08_47	09/06/2007 10:29:09 PM

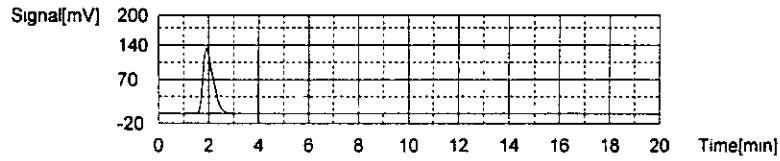
20/21

Imma/Person
Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL132

Mean Area 382.0
Mean CNV 382.0
Mean Conc. 38568mg/L



Sample

Sample Name: CCB
Sample ID:
Origin: SOIL-02-28-2007 mat
Status: Completed
Chk. Result:

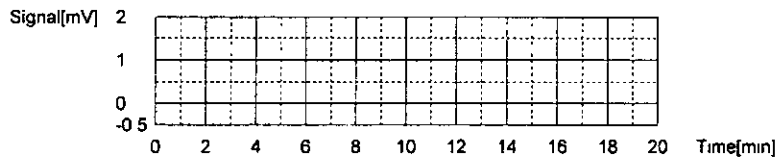
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/L	!!Error!! SSM-TC:-173.0mg/L

1. Det

Anal: SSM-TC

No	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal Curve	Date / Time
1	0.000	0.000	-17.30ug	-173.0mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007.02.28.08.47	09/06/2007 10:30:15 PM

Mean Area 0.000
Mean CNV 0.000
Mean Conc. -173.0mg/L



21/21

Imma/Person

Approved: September 13, 2007.

3.0 Attachments

Kemron Environmental Services
Analyst Listing
September 19, 2007

AJF - AMANDA J. FICKIESEN	ALB - ANNIE L. BOCK	AML - ANTHONY M. LONG
ARA - ADRIAN R. ACHTERMANN	ASP - AARON S. PETRIE	BRG - BRENDA R. GREGORY
CAA - CASSIE A. AUGENSTEIN	CAF - CHERYL A. FLOWERS	CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD	CLW - CHARISSA L. WINTERS	CM - CHARLIE MARTIN
CMS - CRYSTAL M. STEPHENS	CPD - CHAD P. DAVIS	CSH - CHRIS S. HILL
DD - DIANE M. DENNIS	DDE - DEBRA D. ELLIOTT	DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG	DGB - DOUGLAS G. BUTCHER	DIH - DEANNA I. HESSON
DLB - DAVID L. BUMGARNER	DLP - DOROTHY L. PAYNE	DLR - DIANNA L. RAUCH
DR - DEANNA ROBERTS	DRP - DAVE R. PITZER	DSF - DEBRA S. FREDERICK
DST - DENNIS S. TEPE	ECL - ERIC C. LAWSON	ED - EMILY E. DECKER
ERE - ERIN R. ELDER	FJB - FRANCES J. BOLDEN	HAV - HEMA VILASAGAR
HJR - HOLLY J. REED	JAB - JUANITA A. BECKER	JAL - JOHN A. LENT
JBK - JEREMY B. KINNEY	JCO - JOE C. OWENS	JDH - JUSTIN D. HESSON
JKP - JACQUELINE K. PARSONS	JKT - JANE K. THOMPSON	JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES	JYH - JI Y. HU	KCZ - KEVIN C. ZUMBRO
KEB - KATHRYN E. BARNES	KHR - KIM H. RHODES	KJW - KATIE J. WIEFERICH
KRA - KATHY R. ALBERTSON	KRV - KATHRINE R. VICKERS	LKN - LINDA K. NEDEFF
LSB - LESLIE S. BUCINA	MDA - MIKE D. ALBERTSON	MDC - MICHAEL D. COCHRAN
MES - MARY E. SCHILLING	MKZ - MARILYN K. ZUMBRO	MLR - MARY L. ROCHOTTE
MMB - MAREN M. BEERY	MRT - MICHELLE R. TAYLOR	MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH	PJM - PAUL J. MILLER	RAH - ROY A. HALSTEAD
RB - ROBERT BUCHANAN	REK - ROBERT E. KYER	RLF - RACHEL L. FRYE
RLK - ROBIN L. KLINGER	RNP - RICK N. PETTY	RWC - RODNEY W. CAMPBELL
SLM - STEPHANIE L. MOSSBURG	SLP - SHERI L. PFALZGRAF	SMH - SHAUNA M. HYDE
TDH - TRICIA D. HUCK	TMB - TIFFANY M. BAILEY	TMM - TAMMY M. MORRIS
VC - VICKI COLLIER	WFM - WALTER F. MARTIN	

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	Estimate, columns don't agree to within 40%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
ND,L	Not detected; sample reporting limit (RL) elevated due to interference
ND,S	Not detected, analyzed by method of standard addition (MSA)
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
X, S	Exceeds regulatory limit; method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below

***Special Notes for Organic Analytes

- 1 Acrolein and acrylonitrile by method 624 are semi-quantitative screens only
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
- 5 m-Xylene and p-Xylene are unresolvable compounds.
- 6 The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

156 Starlite Drive

Marietta, OH 45750

Phone: 740-373-4071

Fax: 740-373-4835



CHAIN-OF-CUSTODY RECORD

[illegible]

***Homogenize all composite samples prior to analysis**

Page 1 of 1

952 530

SAMPLE RECEIPT FORM

156 Starlite Drive
Marietta, OH 45750
(740) 373-4071

Client: CH2M Hill
 Workorder Number: B 8434
 Date Received: 9-5-07
 Delivered by: (✓) Fedx () UPS () Client () Courier Time: 1210
 Opened by: RLK
 IR Temp Gun: (✓) () G
 Logged by: [Signature] L 9-38

Cooler Information

Cooler ID	Temp C	Airbill#	COC#	Other
1489	8	8627 6301 8782	74644	Soil /

Inspection Checklist

	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?	✓			
Were custody seals intact?	✓			
Were cooler temperatures in range of 0 - 6? (X)			✓	①
Was ice present?	✓			
Were COC's received/information complete/signed/dated?	✓			
Were sample containers and labels intact?	✓			
Were correct containers used?	✓			
Were correct preservatives used (water only)?	✓			
Were pH ranges acceptable?	✓			
Were VOA samples free of headspace?	✓			
Were samples received within EPA hold times?	✓			

Discrepancy/Comments/Other Problems

① Ice was present - still out of temp.

Distribution

Name of KEMRON representative
 Client/Company:
 Person Contacted:
 Date contacted:

Resolution/other comments:

KEMRON Environmental Services
Internal Chain of Custody Report

952 532

Login: L0709038
Account: 2736
Project: 2736.034
Samples: 2
Due Date: 19-SEP-2007

Samplenum Container ID Products
L0709038-01 370495 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	05-SEP-2007 14:48	BRG	
2	ANALYZ	W1	WET	05-SEP-2007 15:48	JDH	RLK
3	STORE	WET	W1	06-SEP-2007 10:49	JKT	JDH

Samplenum Container ID Products
L0709038-01 370496 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	05-SEP-2007 14:48	BRG	
2	ANALYZ	F1	VOAY	06-SEP-2007 12:09	MRT	RLK

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	05-SEP-2007 14:48	BRG	
2	ANALYZ	F1	VOAY	06-SEP-2007 12:09	MRT	RLK

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	05-SEP-2007 14:48	BRG	
2	ANALYZ	F1	VOAY	06-SEP-2007 12:08	MRT	RLK

Samplenum Container ID Products
L0709038-02 370497

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	05-SEP-2007 14:48	BRG	
2	ANALYZ	V1	ORG4	06-SEP-2007 12:07	MRT	RLK

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	05-SEP-2007 14:48	BRG	
2	ANALYZ	V1	ORG4	06-SEP-2007 12:07	MRT	RLK

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Services
Internal Chain of Custody Report

952 533

Login: L0709038
Account: 2736
Project: 2736.034
Samples: 2
Due Date: 19-SEP-2007

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709038-01	370494	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	05-SEP-2007 14:48	BRG	
2	ANALYZ	W1	WET	06-SEP-2007 08:51	DIH	JKT
3	STORE	WET	W1	07-SEP-2007 16:36	RLK	JDH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

FINAL PAGE

PART I

ADMINISTRATIVE RECORD

PART I

FINAL PAGE