



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 951

Part III of III

Soil Sample Data

(Samples from Soil Borings for MW-231 through -239)



156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • <http://www.kemron.com>

Laboratory Report Number: L0709016

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 19, 2007.

Kathy Albertson

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 E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755

This report contains a total of 250 pages.

Protecting Our Environmental Future



9511006

KEMRON REPORT L0709016
PREPARED FOR CH2MHILL, Inc
WORK ID: MEMPHIS TN

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1.0 Introduction

LABORATORY REPORT

L0709016

9511008

09/19/07 08:23

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
MW233-SS-80	L0709016-01	09/01/2007 11:00	09/04/2007
MW231_SS_96	L0709016-02	09/01/2007 11:15	09/04/2007
TB-1_0901	L0709016-03	09/01/2007	09/04/2007

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0709016

CHAIN OF CUSTODY: The chain of custody number was 74043.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 23 degrees C.

SAMPLE MANAGEMENT: All samples received were intact

L0709016-01 MW233-SS-80

L0709016-02 MW231-SS-96

L0709016-03 TB-1 0901

Sample MW233-SS-80 was received out of 48 hr hold time for terracore preservation. Per client, 8260 analyses was to proceed regardless of receipt temperature or terracore hold time.

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

9511014

KEMRON Login No.: L0709016**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**

Sample preparation proceeded 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.

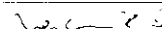
Reason #5: Miscellaneous

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: CMS

Approved: 18-SEP-07



LABORATORY REPORT

L0709016

9511016

09/19/07 08:23

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
MW233-SS-80	L0709016-01	8260B	1	04-SEP-07
TB-1_0901	L0709016-03	8260B	1	04-SEP-07

Report Number: L0709016

Report Date: September 19, 2007

Sample Number L0709016-01
 Client ID MW233-SS-80
 Matrix: Soil
 Workgroup Number: WG249681
 Collect Date: 09/01/2007 11:00
 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 17:39
 Cal Date: 08/14/2007 16:27
 Run Date: 09/10/2007 17:39
 File ID: 9MS6651
 Percent Solid 77.0

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1	U	U	9.89	4.94
Benzene	71-43-2	U	U	0.989	0.494
Bromodichloromethane	75-27-4	U	U	1.98	0.494
Bromoform	75-25-2	U	U	4.94	0.494
Bromomethane	74-83-9	U	U	4.94	0.989
2-Butanone	78-93-3	U	U	4.94	2.47
Carbon disulfide	75-15-0	U	U	4.94	0.494
Carbon tetrachloride	56-23-5	U	U	4.94	0.494
Chlorobenzene	108-90-7	U	U	4.94	0.494
Chlorodibromomethane	124-48-1	U	U	1.98	0.494
Chloroethane	75-00-3	U	U	4.94	0.989
Chloroform	67-66-3	U	U	1.98	0.494
Chloromethane	74-87-3	U	U	4.94	1.98
1,1-Dichloroethane	75-34-3	U	U	1.98	0.989
1,2-Dichloroethane	107-06-2	U	U	1.98	0.494
1,1-Dichloroethene	75-35-4	U	U	4.94	0.494
cis-1,2-Dichloroethene	156-59-2	U	U	4.94	0.494
trans-1,2-Dichloroethene	156-60-5	U	U	1.98	0.494
1,2-Dichloropropane	78-87-5	U	U	1.98	0.494
cis-1,3-Dichloropropene	10061-01-5	U	U	1.98	0.494
trans-1,3-Dichloropropene	10061-02-6	U	U	1.98	0.494
Ethylbenzene	100-41-4	U	U	0.989	0.494
2-Hexanone	591-78-6	U	U	4.94	2.47
Methylene chloride	75-09-2	U	U	4.94	0.989
MIBK (methyl isobutyl ketone)	108-10-1	U	U	4.94	2.47
Styrene	100-42-5	U	U	1.98	0.494
1,1,2,2-Tetrachloroethane	79-34-5	U	U	1.98	0.494
Tetrachloroethene	127-18-4	U	U	4.94	0.494
Toluene	108-88-3	U	U	0.989	0.494
1,1,1-Trichloroethane	71-55-6	U	U	1.98	0.494
1,1,2-Trichloroethane	79-00-5	U	U	4.94	0.494
Trichloroethene	79-01-6	U	U	4.94	0.494
Vinyl chloride	75-01-4	U	U	1.98	0.989
o-Xylene	95-47-6	U	U	0.989	0.494
m-,p-Xylene	136777-61-2	U	U	0.989	0.494
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	105	80	120		
1,2-Dichloroethane-d4	100	80	120		
Toluene-d8	101	81	117		
4-Bromofluorobenzene	100	74	121		

U Not detected at or above adjusted sample detection limit

Report Number: L0709016

Report Date : September 19, 2007

9511018

Sample Number: L0709016-03
 Client ID: TB-1 0901
 Matrix Water
 Workgroup Number WG249650
 Collect Date 09/01/2007 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 20:13
 Cal Date 09/05/2007 19:51
 Run Date 09/08/2007 20:13
 File ID: 11M45299

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	0.343	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	88.8	86	118		
1,2-Dichloroethane-d4	89.0	80	120		
Toluene-d8	94.3	88	110		
4-Bromofluorobenzene	95.4	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

Cis = Concentration of the specific internal standard (ug/mL)

Ais = Area of the characteristic ion of the specific internal standard

Cx = Concentration of the compound in the standard being measured (ug/mL)

RF = Calculated Response Factor

Example

3399156

25

846471

100

1 0039

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

Cis = Concentration of the specific internal standard (ug/L)

D = Dilution factor for sample as a multiplier (10x = 10)

Ais = Area of the characteristic ion of the specific internal standard

RF = Average RF from the ICAL

Vs = Purge volume of sample (mL)

Vn = Nominal purge volume of sample (mL) (10.0 mL)

Cx = Concentration of the compound in the sample being measured (ug/L)

Example

3122498

25

1

611048

1.004

10

10

127.2428

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

Cis = Concentration of the specific internal standard (ug/L)

D = Dilution factor for sample as a multiplier (10x = 10)

Ais = Area of the characteristic ion of the specific internal standard

RF = Average RF from the ICAL

Ws = Weight of sample purged (g)

Wn = Nominal purge weight (g) (5.0 g)

Cx = Concentration of the compound in the sample being measured (ug/L)

Example

3122498

25

1

611048

1.004

5

5

127.2428

Dry weight correction

Percent solids (PCT_S)

Cd = (Cx) (100)/PCT_S

50

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

$$y = Ax/Ais$$

Step 3: Solve for x using the quadratic formula

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

$$x = \frac{b \pm \sqrt{b^2 - 4a(c - y)}}{2a} \quad (\text{Two possible solutions})$$

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

KEMRON Environmental Services

Instrument Run Log

9511023

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

9511024

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				
3			RR, vc is high	
File ID 9M56002				
33			RR, vc is high Running a curve	
File ID 9M56004				
34			RR, BFB failed	
File ID 9M56005				
35			RR, BFB failed Replaced the septum	
File ID 9M56006				
17			RR, BFB failed	
File ID 9M56019				
26	X	100	Do not report 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				
28			Do not report	
File ID 9M56030				
			RR as 00	

Approved August 16, 2007

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KEMRON Environmental Services Instrument Run Log

9511025

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

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9511026

KEMRON Environmental Services
Instrument Run LogInstrument HPMS11
Analyst1 MES
Method 8260B
Method 5030/5035Dataset 090507
Analyst2: NA
SOP MSV01
SOP PAT01Rev 10
Rev 10

Maintenance Log ID 20749

Internal Standard STD21253
CCV STD21737Surrogate Standard STD21736
LCS STD21763

MS/MSD NA

Column 1 ID RTX502 2
Workgroups WG249372

Column 2 ID NA

Comments

Seq Rerun Dil Reason

Analytes

File ID 11M45220

Do not report-bromomethane is high

Approved September 10, 2007

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KEMRON Environmental Services Instrument Run Log

9511027

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		

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

9511028

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			

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



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KEMRON Environmental Services Instrument Run Log

9511029

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

9511030

KEMRON Environmental Services

Instrument Run Log

Instrument HPMS11
Analyst1 MES
Method 8260B
Method 5030/5035

Dataset 090807
Analyst2 FJB
SOP: MSV01
SOP PAT01

Rev: 10
Rev 10

Maintenance Log ID 20793

Internal Standard STD21253
CCV STD21828

Surrogate Standard STD21736
LCS STD21763

MS/MSD NA

Column 1 ID RTX502.2
Workgroups WG249650

Column 2 ID NA

Comments

Seq Rerun Dil Reason

Analytes

File ID 11M45287

RR, BFB failed
5

File ID 11M45289

RR, SS is high

Approved

September 14, 2007

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KEMRON Environmental Services

9511031

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

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9511032

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

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KEMRON Environmental Services
Data Checklist**9511033**

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



Generated AUG-17-2007 09:11:11

9511034

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



Generated SEP-10-2007 08:52:42

KEMRON Environmental Services
Data Checklist

9511035

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

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-12-2007 08 10 26

9511036

KEMRON Environmental Services
Data Checklist

Date 08-SEP-2007
 Analyst MES
 Analyst FJB
 Method 8260
 Instrument HPM511
 Curve Workgroup NA
 Runlog ID 18178
 Analytical Workgroups WG249650

8FB	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



Secondary Reviewer
14-SEP-2007



Generated SEP-14-2007 08:35:29

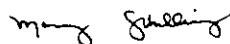
KEMRON Environmental Services
Data Checklist

9511037

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



Secondary Reviewer:
14-SEP-2007



Generated SEP-14-2007 10:56:05

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

9511038

Analytical Method:8260B
Login Number:L0709016

AAB#:WG249650

Client ID	Date Collected	Date Received	Date Extracted	Max Hold Time	Time Held Ext.	Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
TB-1_0901	09/01/07	09/04/07	09/08/07	14	7.84		09/08/07	14	7.84	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

9511039

Analytical Method: 8260B
Login Number: L0709016

AAB#: WG249681

	Date Collected	Date Received	Date Extracted	Max Hold Time Ext.	Time Held Ext.	Date Analyzed	Max Hold Time Anal	Time Held Anal.	Q
Client ID MW233-SS-80	09/01/07	09/04/07	09/10/07	14	9.28	09/10/07	14	9.28	

* EXT = SEE PROJECT QAPP REQUIREMENTS

* ANAL = SEE PROJECT QAPP REQUIREMENTS

9511040

SURROGATE STANDARDS

Login Number:L0709016

Method:8260

Instrument Id:HPMS11

CAL ID: HPMS11-05-SEP-07

Workgroup (AAB#):WG249650

Matrix:Water

Sample Number	Dilution	Tag	1	2	3	4
L0709016-03	1.00	01	89.0	88.8	95.4	94.3
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:L0709016

Method:8260

Instrument Id:HPMS9

CAL ID: HPMS9-14-AUG-07

Workgroup (AAB#):WG249681

Matrix:Soil

Sample Number	Dilution	Tag	1	2	3	4
L0709016-01	1.00	01	100	105	100	101
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

9511042

METHOD BLANK SUMMARY

Login Number:L0709016

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_0901	L0709016-03	11M45299	09/08/07 20:13	01

METHOD BLANK SUMMARY

Login Number:L0709016

Work Group:WG249681

Blank File ID:9M56637

Blank Sample ID:WG249681-01

Prep Date:09/10/07 10:33

Instrument ID:HPMS9

Analyzed Date:09/10/07 10:33

Method:8260B

Analyst:MES

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
MW233-SS-80	L0709016-01	9M56651	09/10/07 17:39	01

9511044

METHOD BLANK REPORT

Login Number:L0709016
 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:877001
 Report generated 09/17/2007 16:34

METHOD BLANK REPORT

Login Number:L0709016 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 Analvst: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

9511046

METHOD BLANK REPORT

Login Number:L0709016
 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
 Analyst: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: 877001
 Report generated 09/17/2007 16:34

METHOD BLANK REPORT

Login Number:L0709016 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 Analvst:MES Method:8260B
Workgroup (AAB#):WG249681 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

9511048

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709016
 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: 877039
 Report generated 09/17/2007 16:51

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709016
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	

9511050

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0709016

Analyst:MES

Prep Method:5030B

Instrument ID:HPMS11

Matrix:Water

Method:8260B

Workgroup (AAB#):WG249650

Units:ug/L

QC Key:STD

Lot #:STD21763

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

9511051

BFB

Login Number: L0709016
Instrument: HPMS11
Analyst: MES
Workgroup: WG249372

Tune 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

9511052

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709016
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

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709016
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	
L0709016-03	TB-1_0901	01	09/08/2007 20:13	

* Sample past 12 hour tune limit

9511054

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709016
Instrument: HPMS9
Analyst: MES
Workgroup: WG247666Tune 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

9511055

BFB

Login Number: L0709016
Instrument: HPMS9
Analyst: MES
Workgroup: WG249680

Tune 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	
L0709016-01	MW233-SS-80	01	09/10/2007 17:39	

* Sample past 12 hour tune limit

9511056

INITIAL CALIBRATION SUMMARY

Login Number:L0709016

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:877003
 Report generated 09/17/2007 16:34

INITIAL CALIBRATION SUMMARY

Login Number:L0709016

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		
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

KEMRON FORMS - Modified 01/18/2007
 Version 1.5 PDF File ID:877003
 Report generated 09/17/2007 16:34

INITIAL CALIBRATION DATA

Login Number:L0709016
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	11074.0000	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
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

INITIAL CALIBRATION DATA

Login Number:L0709016
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	292323.000	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

9511060

KEMRON Environmental Services

INITIAL CALIBRATION DATA

Login Number:L0709016
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:L0709016

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	11688.00000	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:L0709016
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
Bromotorm	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:L0709016

Instrument ID:HPMS9

Analytical Method:8260B

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	1273387.000	0.4323
Ethylbenzene	50.0	294496.000	0.5393	100	576165.000	0.5103	200	1096359.000	0.4602
Toluene	50.0	799517.000	1.464	100	1563303.000	1.385	200	2968645.000	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	1339085.000	0.4546
Bromotorm	50.0	110668.000	0.2027	100	216193.000	0.1915	200	431684.000	0.1812
Chlorobenzene	50.0	548531.000	1.005	100	1060166.000	0.9390	200	2023035.000	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	1257952.000	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	1419556.000	1.032	200	2723816.000	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	1186212.000	0.8624	200	2299960.000	0.7808
Carbon Tetrachloride	50.0	304944.000	0.4619	100	604504.000	0.4395	200	1171227.000	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	1092334.000	0.9675	200	2071195.000	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	1093319.000	0.3712
m-,p-Xylene	100	719081.000	0.6584	200	1410638.000	0.6247	400	2617273.000	0.5493
o-Xylene	50.0	339346.000	0.6214	100	664243.000	0.5883	200	1259660.000	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

9511064

KEMRON Environmental Services

INITIAL CALIBRATION DATA

Login Number:L0709016
 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

KEMRON FORMS - Modified 10/13/2006
 Version 1.6 PDF File ID: 877003
 Report generated 09/17/2007 16:34

KEMRON Environmental Services
ALTERNATE SOURCE CALIBRATION REPORT

9511065

Login Number:L0709016
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

KEMRON FORMS - Modified 09/06/2007 - (ALT)
Version 1.5 PDF File ID: 877004
Report generated 09/17/2007 16:34

Login Number:L0709016
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

KEMRON FORMS - Modified 09/06/2007 - (ALT)
Version 1.5 PDF File ID: 877004
Report generated 09/17/2007 16:34

Login Number:L0709016
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: 877006

Report generated 09/17/2007 16:34

9511068

CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0709016
 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-Dichloroethene		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: 877006
 Report generated 09/17/2007 16:34

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

9511069

Login Number:L0709016
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	300714	560296	839339
Upper Limit	NA	NA	601428	1120592	1678678
Lower Limit	NA	NA	150357	280148	419670
L0709016-03	1.00	01	283228	527471	797619
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 - Fluorobenzene

Underline = Response outside limits

9511070

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)Login Number: L0709016
Instrument ID: HPMS9
Workgroup (AAB#): WG249681CCV 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
L0709016-01	1.00	01	278000	515412	618033
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 - FluorobenzeneUnderline = Response outside limits

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

9511071

Login Number:L0709016
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
L0709016-03	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

9511072

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

Login Number:L0709016
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
L0709016-01	1.00	01	15.24	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

2.1.1.3 Sample Data

Data File : C:\MSDCHEM\1\data\091007\9M56651.D Vial: 17
 Acq On : 10 Sep 2007 17:39 Operator: MES
 Sample : L0709016-01 A 826-SPE Inst : HPMS9
 Misc : 7,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 10 18:01:57 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	618033	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	515412	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	278000	50.00	ug/kg	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.33	111	178834	52.6175	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.24%	
42) 1,2-Dichloroethane-d4	7.99	65	185560	50.2391	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.48%	
56) Toluene-d8	10.40	98	594809	50.5770	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	101.16%	
77) p-Bromofluorobenzene	13.75	95	226017	50.0445	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	100.08%	
Target Compounds						
13) Acetone	3.89	43	4678	0.8223	ug/kg	94
19) Methylene Chloride	4.84	84	2800	Below Cal		88

 (#) = qualifier out of range (m) = manual integration
 9M56651.D 826_SLST.M Mon Sep 10 18:01:59 2007

Data File : C:\MSDCHEM\1\data\091007\9M56651.D

Vial: 17

Acq On : 10 Sep 2007 17:39

Operator: MES

Sample : L0709016-01 A 826-SPE

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 10 18:01 2007

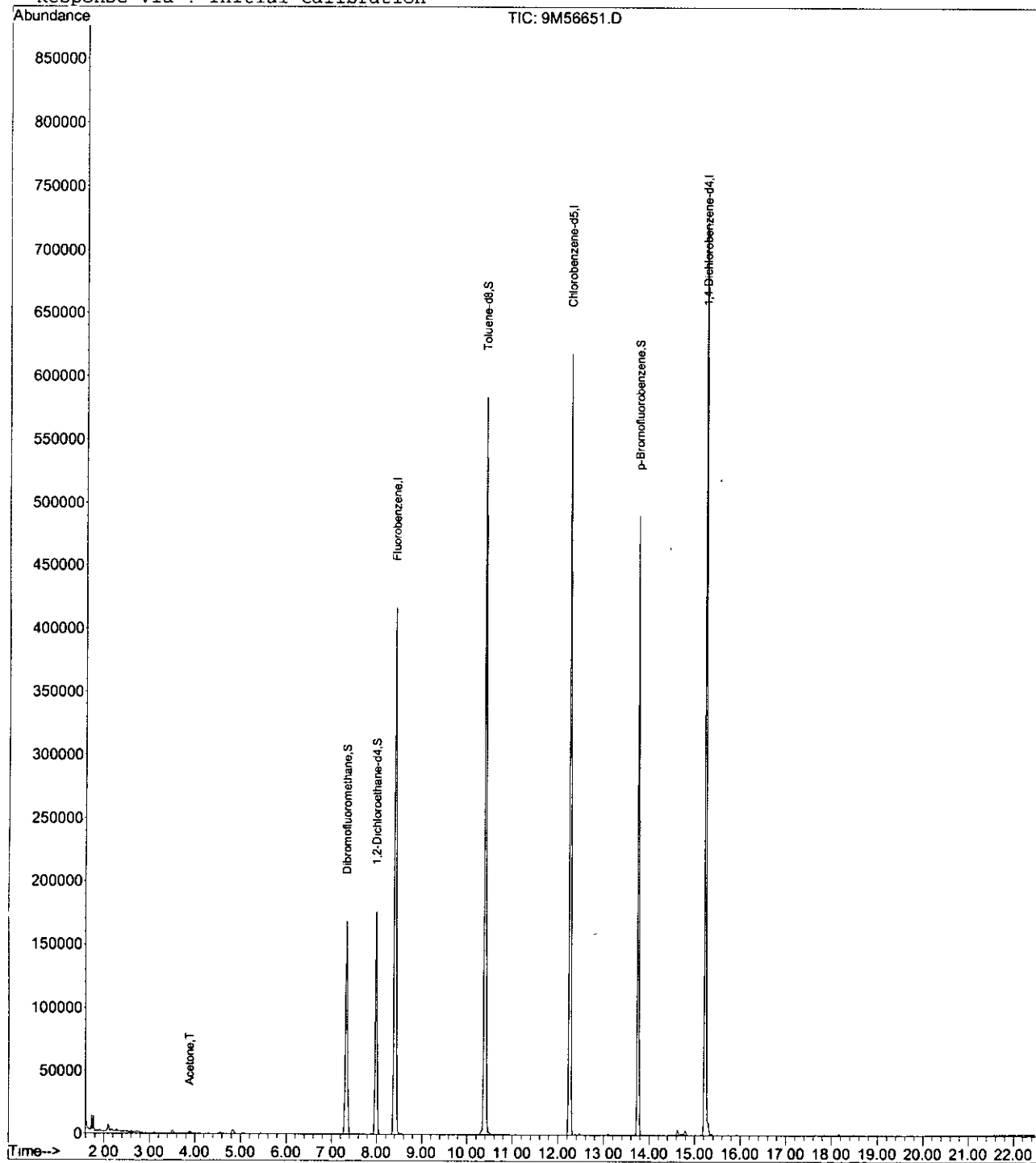
Quant Results File: 826_SLST.RES

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

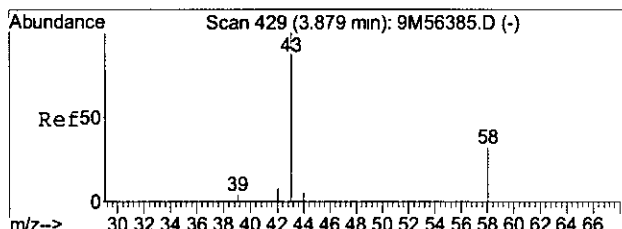
Response via : Initial Calibration



9M56651.D 826_SLST.M

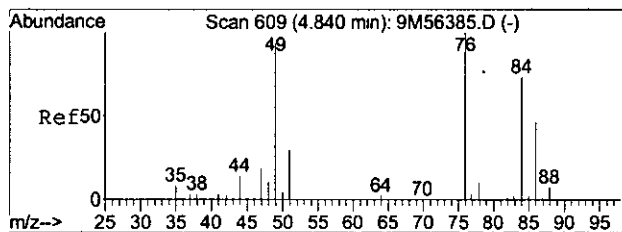
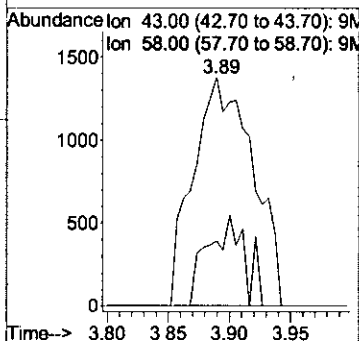
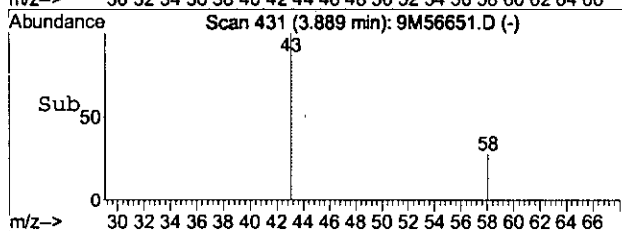
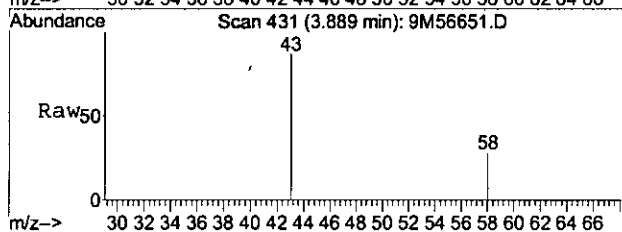
Mon Sep 10 18:02:00 2007

Page 2



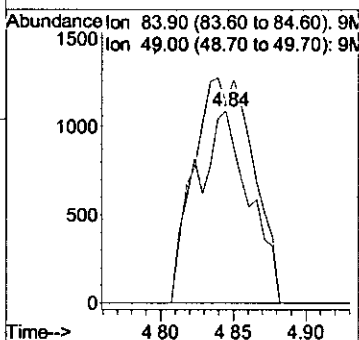
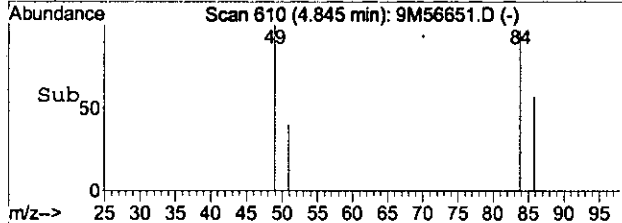
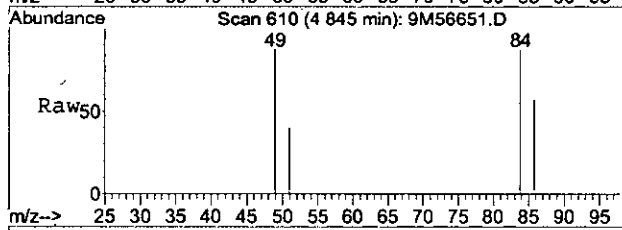
#13
Acetone
Concen: 0.82 ug/kg
RT: 3.89 min Scan# 431
Delta R.T. 0.01 min
Lab File: 9M56651.D
Acq: 10 Sep 2007 17:39

Tgt Ion: 43 Resp: 4678
Ion Ratio Lower Upper
43 100
58 24.5 16.7 38.9



#19
Methylene Chloride
Concen: Below Cal
RT: 4.84 min Scan# 610
Delta R.T. 0.00 min
Lab File: 9M56651.D
Acq: 10 Sep 2007 17:39

Tgt Ion: 84 Resp: 2800
Ion Ratio Lower Upper
84 100
49 129.6 87.1 203.1



Data File : C:\MSDCHEM\1\DATA\090807\11M45299.D

Vial: 11

Acq On : 8 Sep 2007 20:13

Operator: MES

Sample : L0709016-03 A 826-SPE

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 08 20:35:10 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	797619	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	527471	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	283228	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.388	111	182800	22.1950173	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	88.78%		
42) 1,2-Dichloroethane-d4	9.988	65	240283	22.2585510	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	89.03%		
56) Toluene-d8	12.242	98	661367	23.5857496	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	94.34%		
77) p-Bromofluorobenzene	15.406	95	267861	23.8525528	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	95.41%		
Target Compounds						
3) Chloromethane	3.51	50	3808	0.3427	ug/L	89
13) Acetone	6.09	43	2271	1.8085	ug/L	86
19) Methylene Chloride	7.07	84	5322	Below Cal		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45299.D 8260WT.M Sat Sep 08 20:35:11 2007

Data File : C:\MSDCHEM\1\DATA\090807\11M45299.D

Vial: 11

Acq On : 8 Sep 2007 20:13

Operator: MES

Sample : L0709016-03 A 826-SPE

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 8 20:35 2007

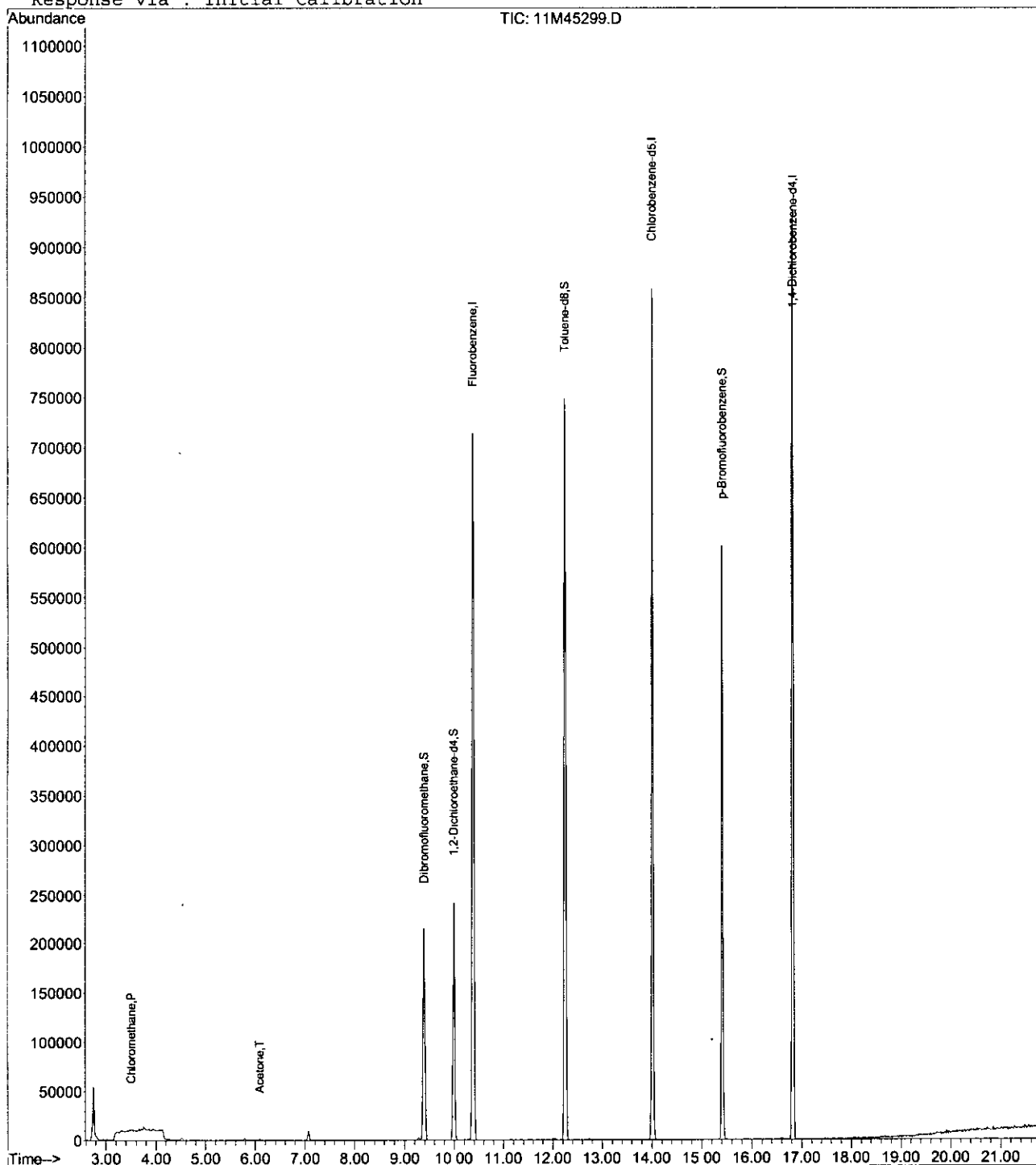
Quant Results File: 8260WT.RES

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

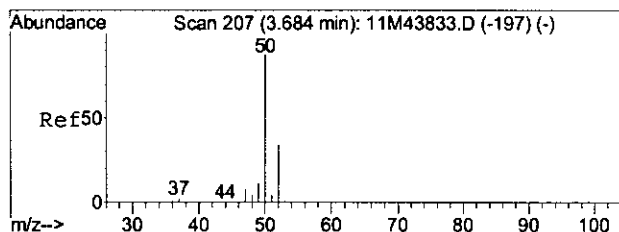
Response via : Initial Calibration



11M45299.D 8260WT.M

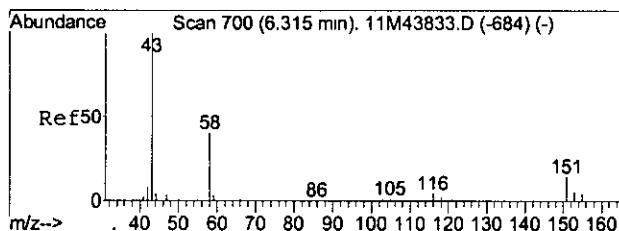
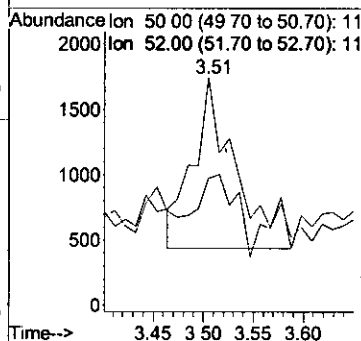
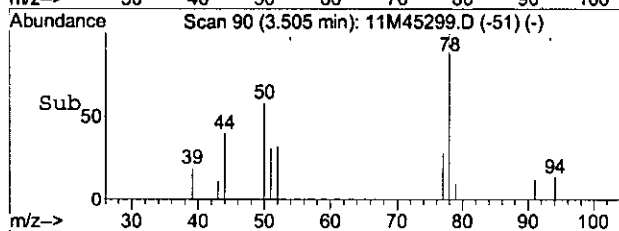
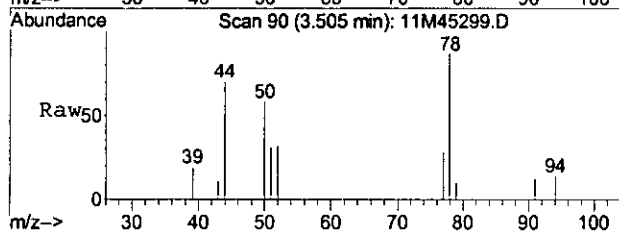
Sat Sep 08 20:35:11 2007

Page 2



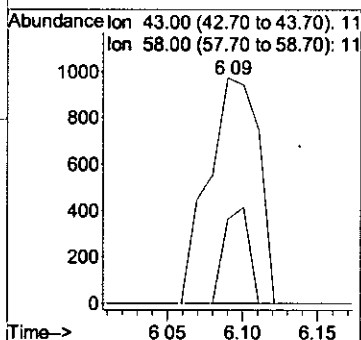
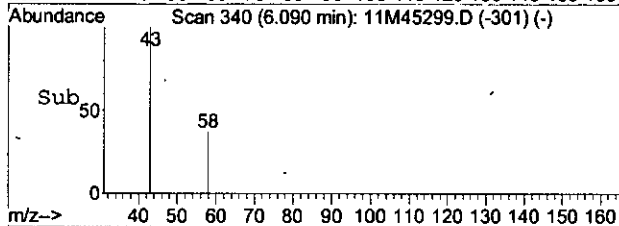
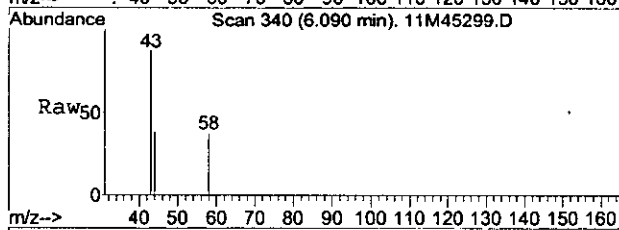
#3
Chloromethane
Concen: 0.3427 ug/L
RT: 3.51 min Scan# 90
Delta R.T. 0.00 min
Lab File: 11M45299.D
Acq: 8 Sep 2007 20:13

Tgt Ion: 50 Resp: 3808
Ion Ratio Lower Upper
50 100
52 40.6 20.5 47.7

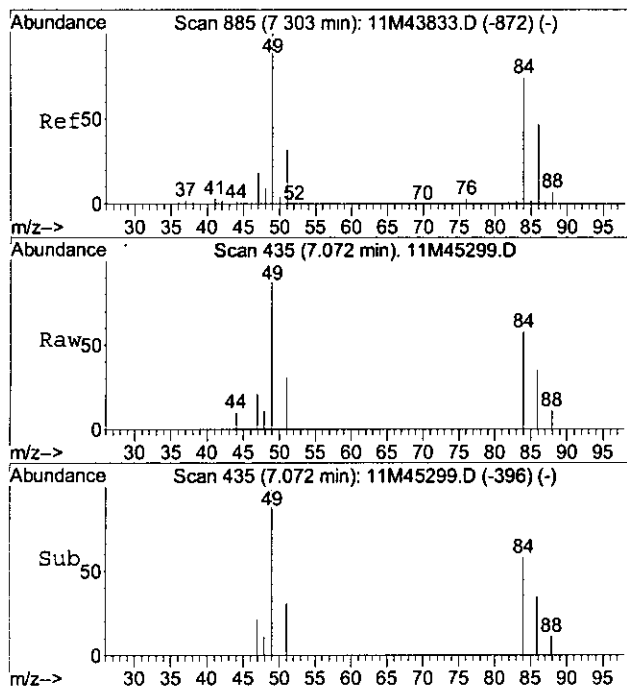


#13
Acetone
Concen: 1.8085 ug/L
RT: 6.09 min Scan# 340
Delta R.T. 0.00 min
Lab File: 11M45299.D
Acq: 8 Sep 2007 20:13

Tgt Ion: 43 Resp: 2271
Ion Ratio Lower Upper
43 100
58 21.2 17.2 40.0

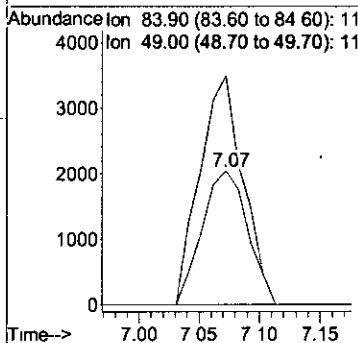


9511080



#19
Methylene Chloride
Concen: Below Cal
RT: 7.07 min Scan# 435
Delta R.T. 0.00 min
Lab File: 11M45299.D
Acq: 8 Sep 2007 20:13

Tgt Ion: 84 Resp: 5322
Ion Ratio Lower Upper
84 100
49 163.6 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

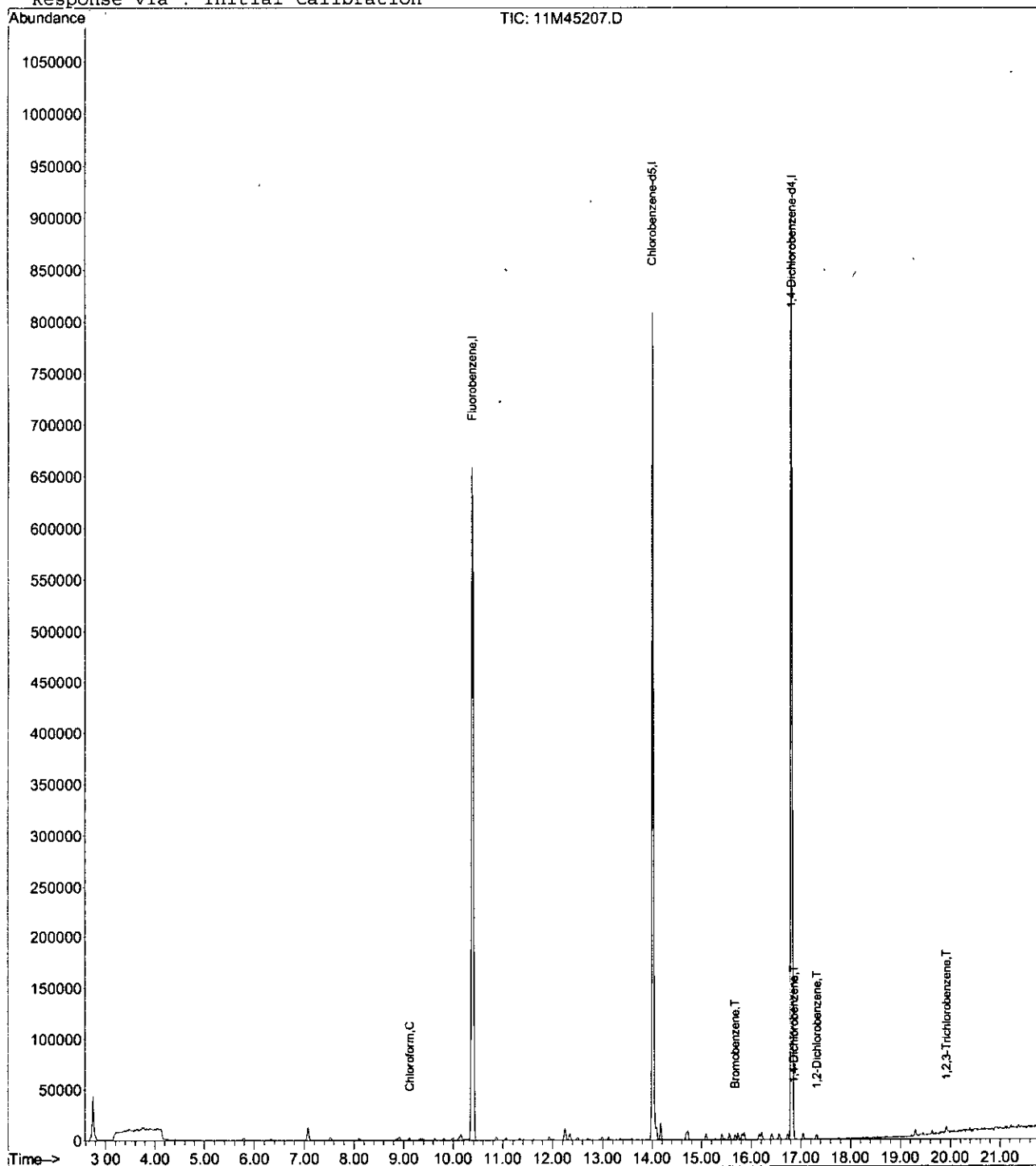
(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45207.D 8260WT.M Thu Sep 06 08:49:59 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45207.D
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	Od	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

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

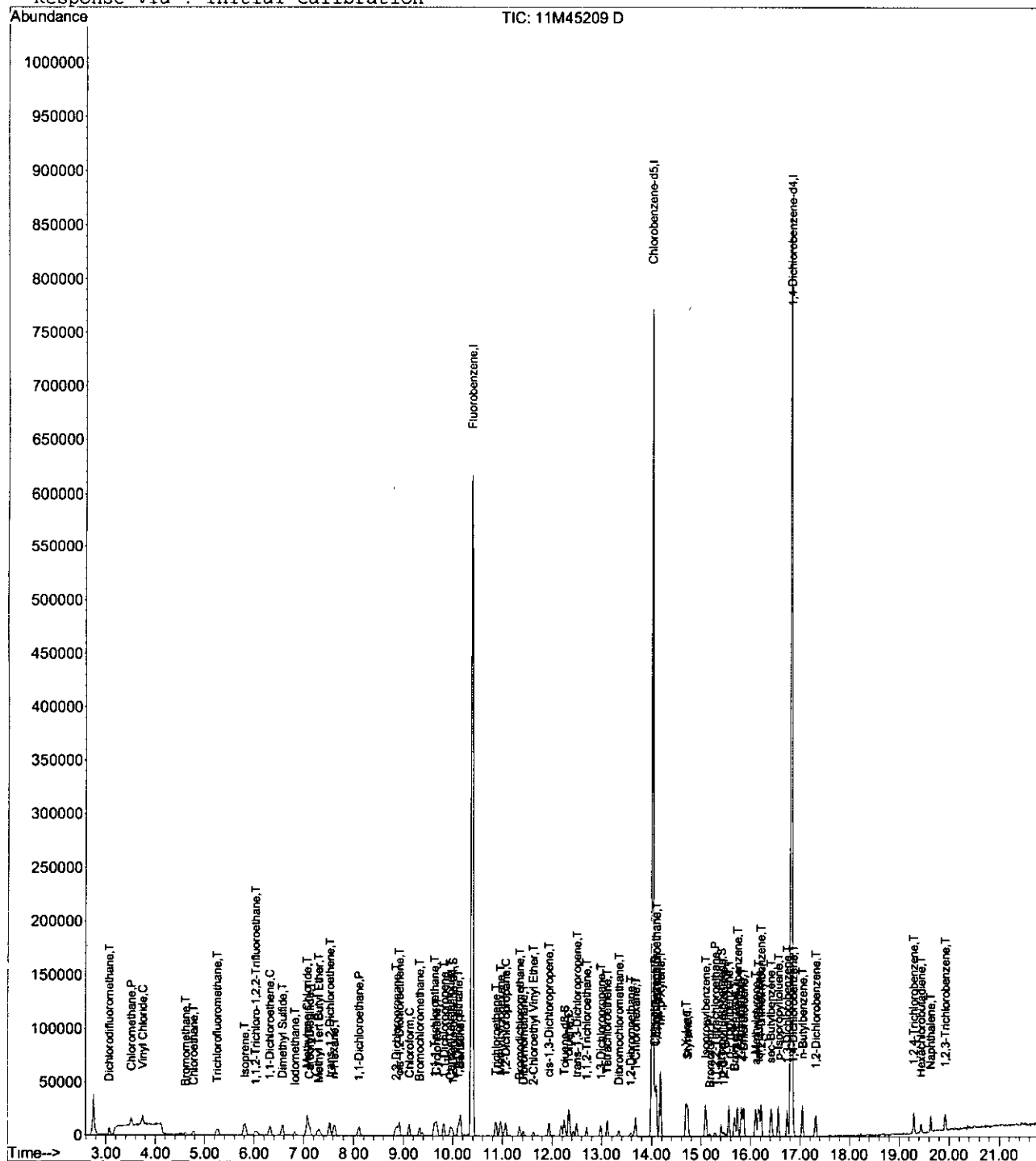
Quant Results File: 8260WT.RES

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

Vial: 5

Operator: MES

Inst : HPMS11

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 6 17:22 2007

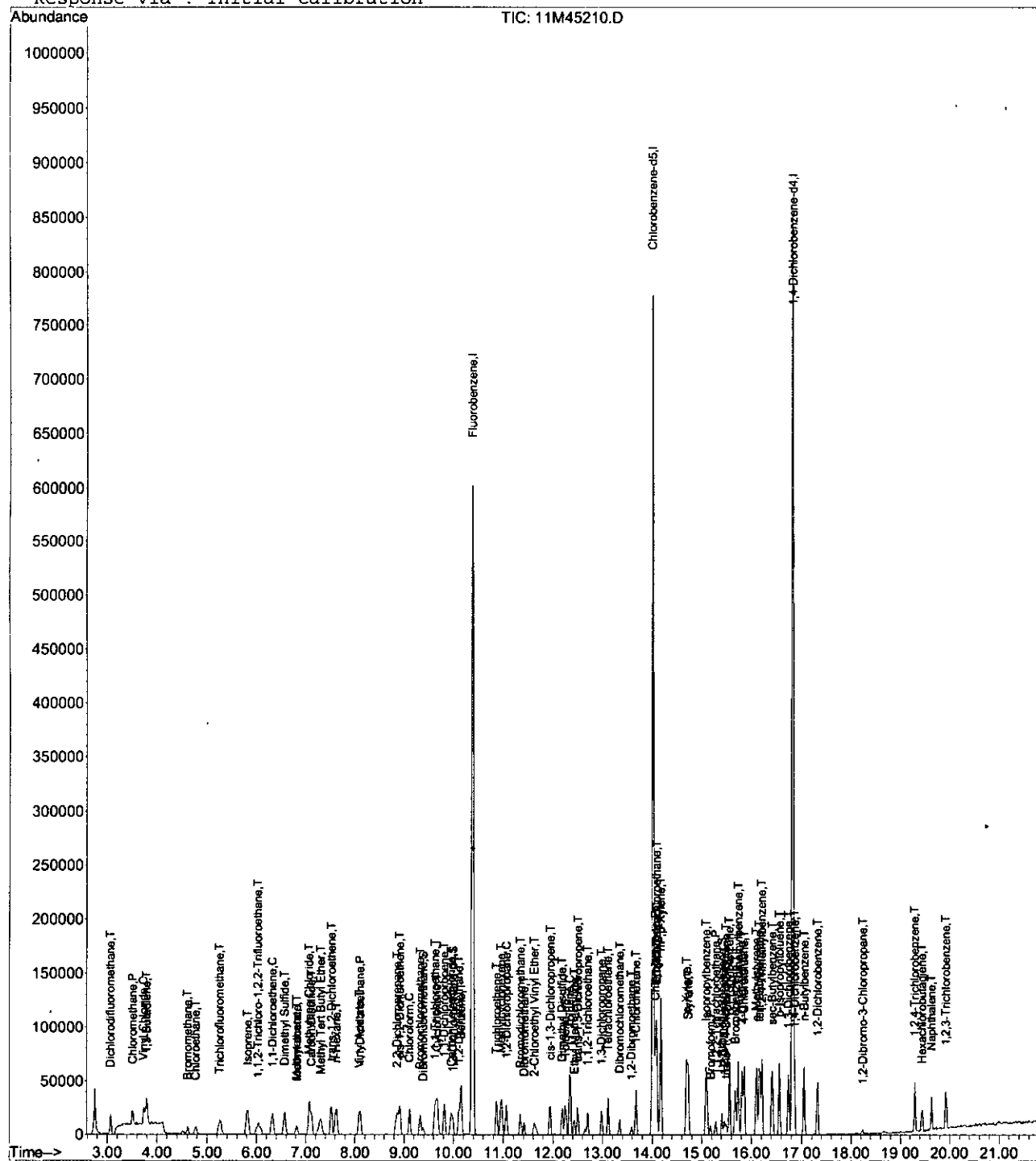
Quant Results File: 8260WT.RES

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



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

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

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

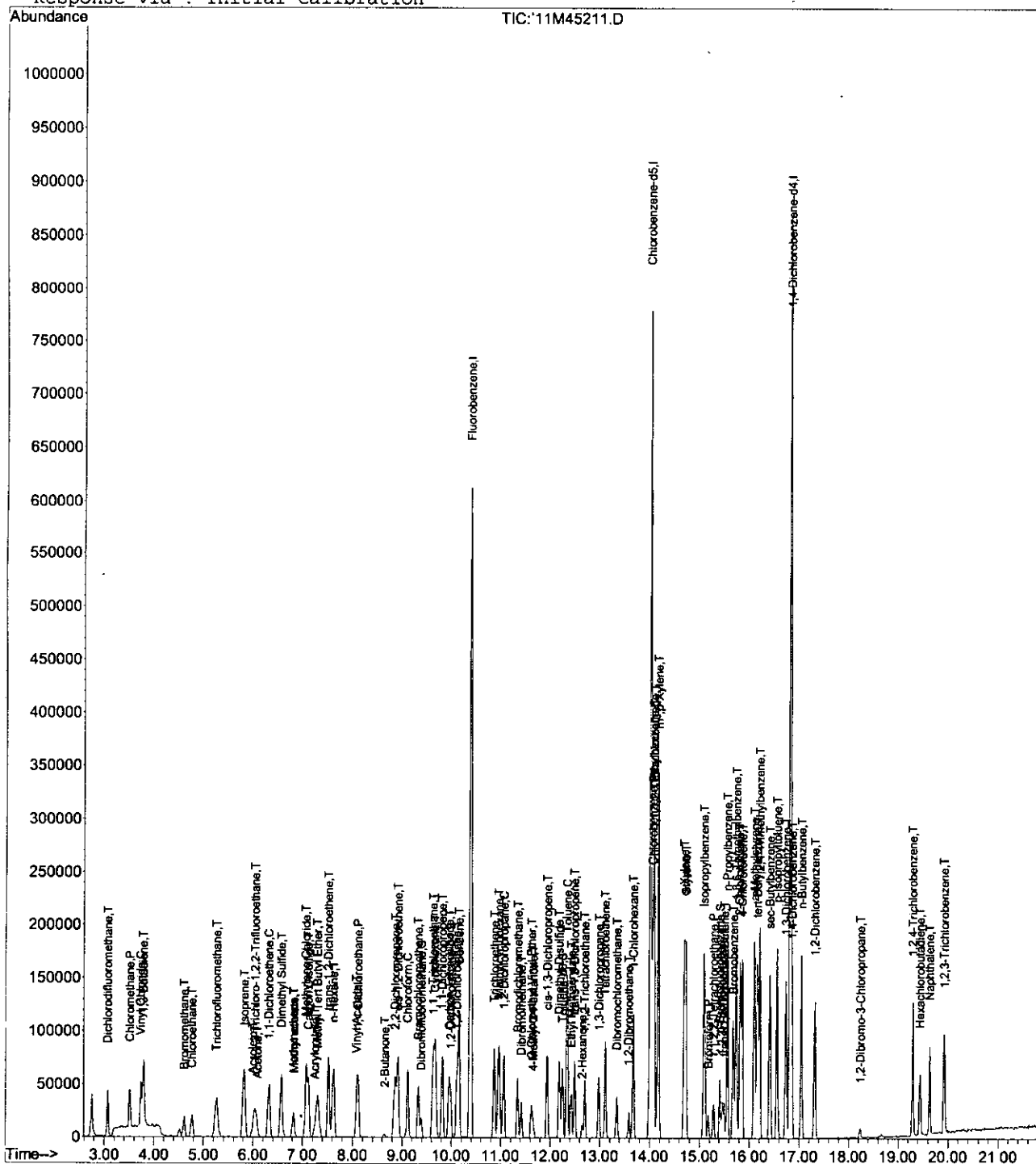
Quant Results File: 8260WT.RES

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



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

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-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

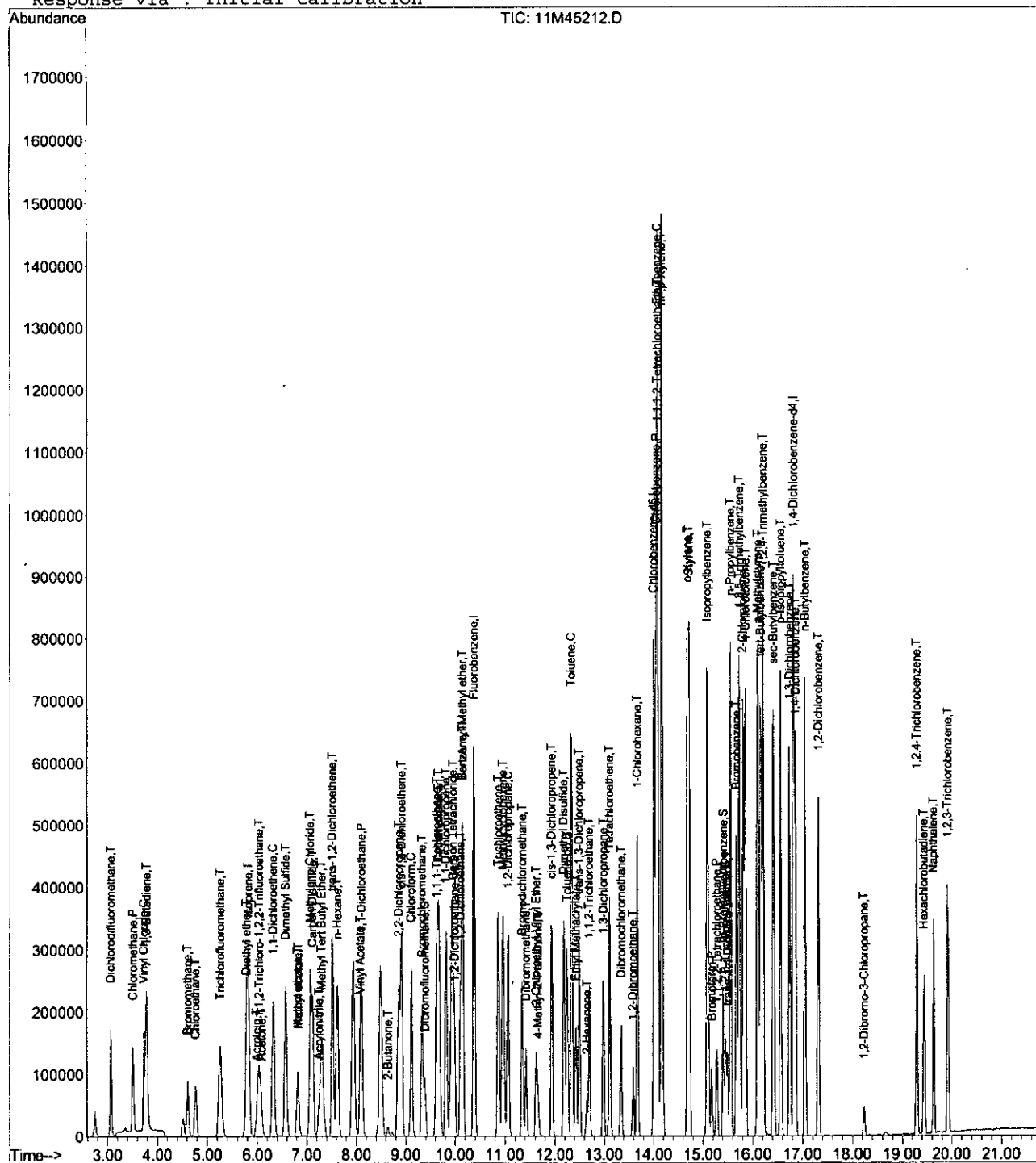
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45212.D 8260WT.M Wed Sep 05 16:43:51 2007


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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
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Vial: 7
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   : Wed Sep 05 16:22:59 2007
Response via  : Initial Calibration
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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-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

Quant Results File: 8260WT.RES

[illegible]

Page 3

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

	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

Page 1

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

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

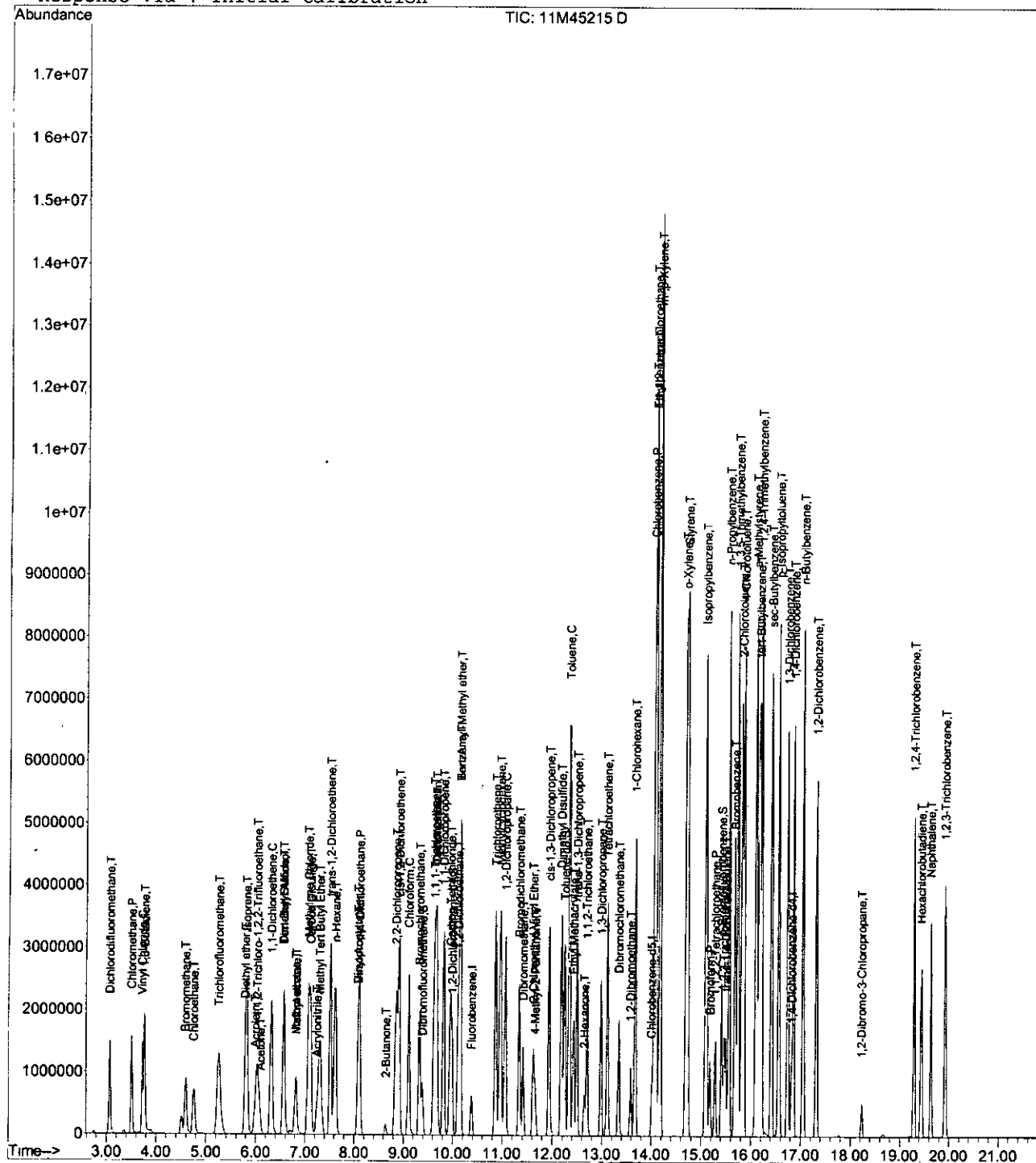
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45215.D 8260WT.M Wed Sep 05 18:13:32 2007

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
 Acq On : 5 Sep 2007 19:51
 Sample : WG249372-03 0.4ug/L WATER STD 8260
 Misc : 1,1 STD21737
 MS Integration Params: rteint.p
 Quant Time: Sep 06 17:16:35 2007

Vial: 14
 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

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
Acq On : 5 Sep 2007 19:51
Sample : WG249372-03 0.4ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 06 17:16:35 2007

Vial: 14
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
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

Vial: 14

Operator: MES

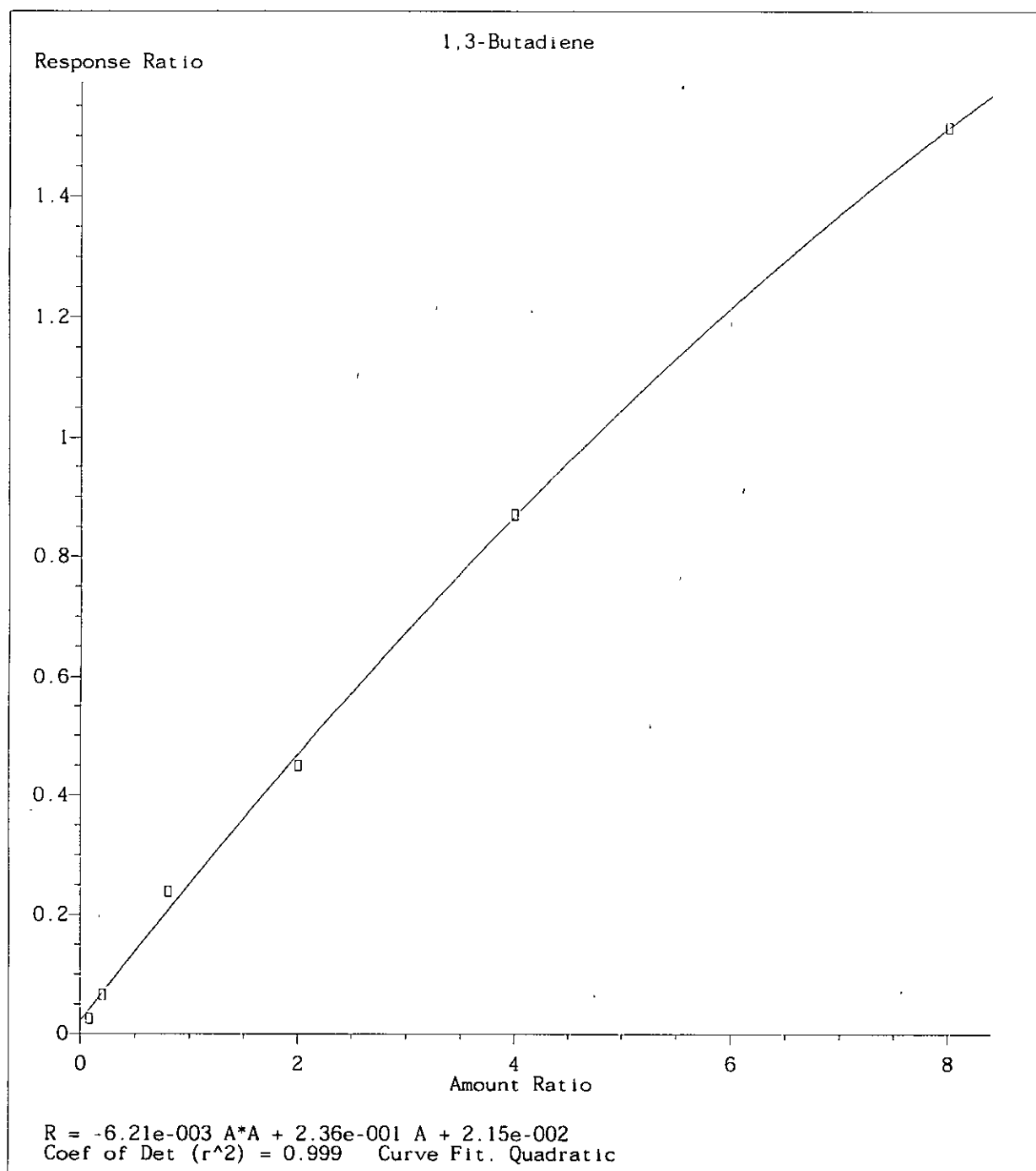
Inst : HPMS11

Multiplr: 1.00

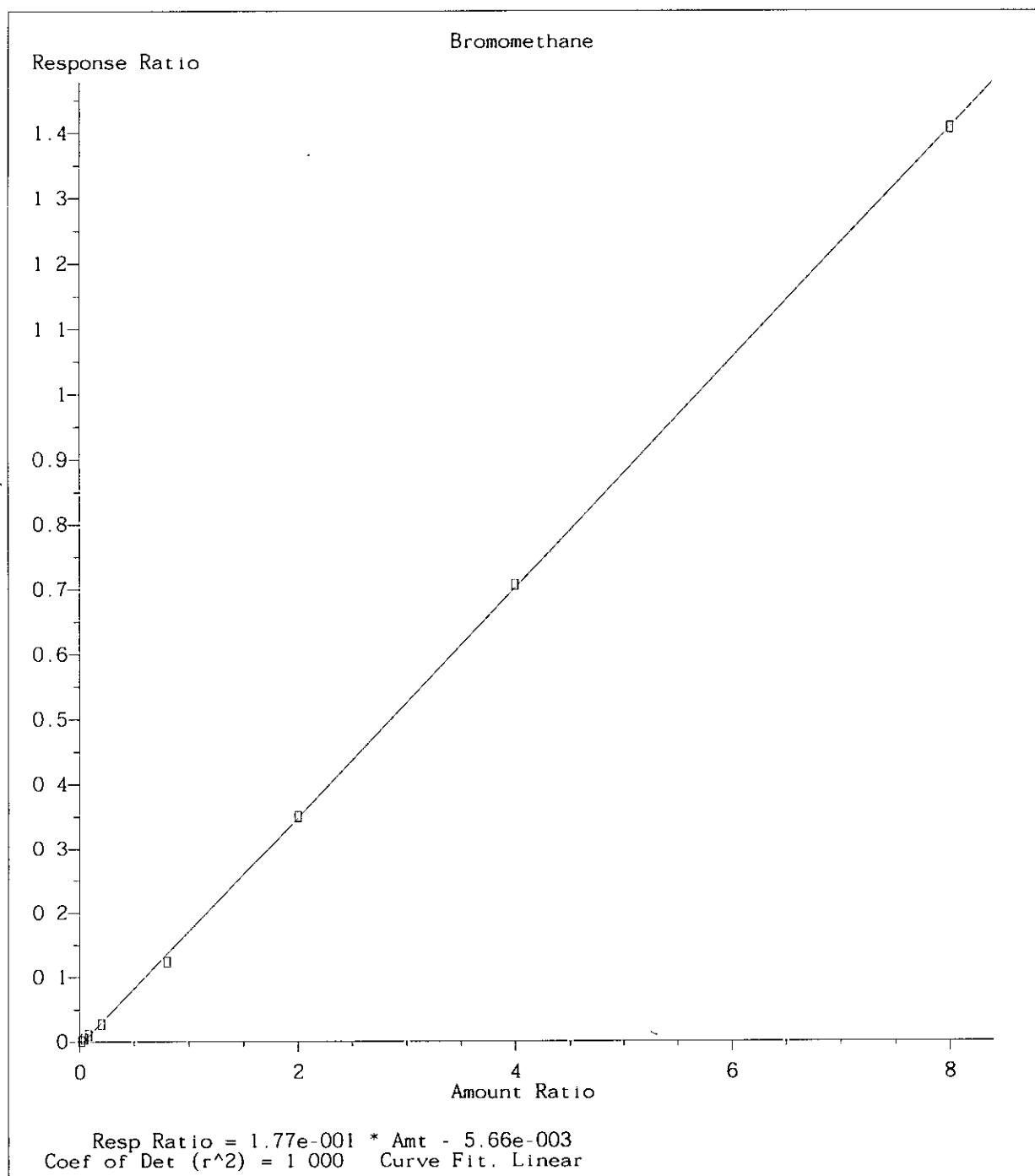
Quant Results File: 8260WT.RES

Response via : Initial Calibration

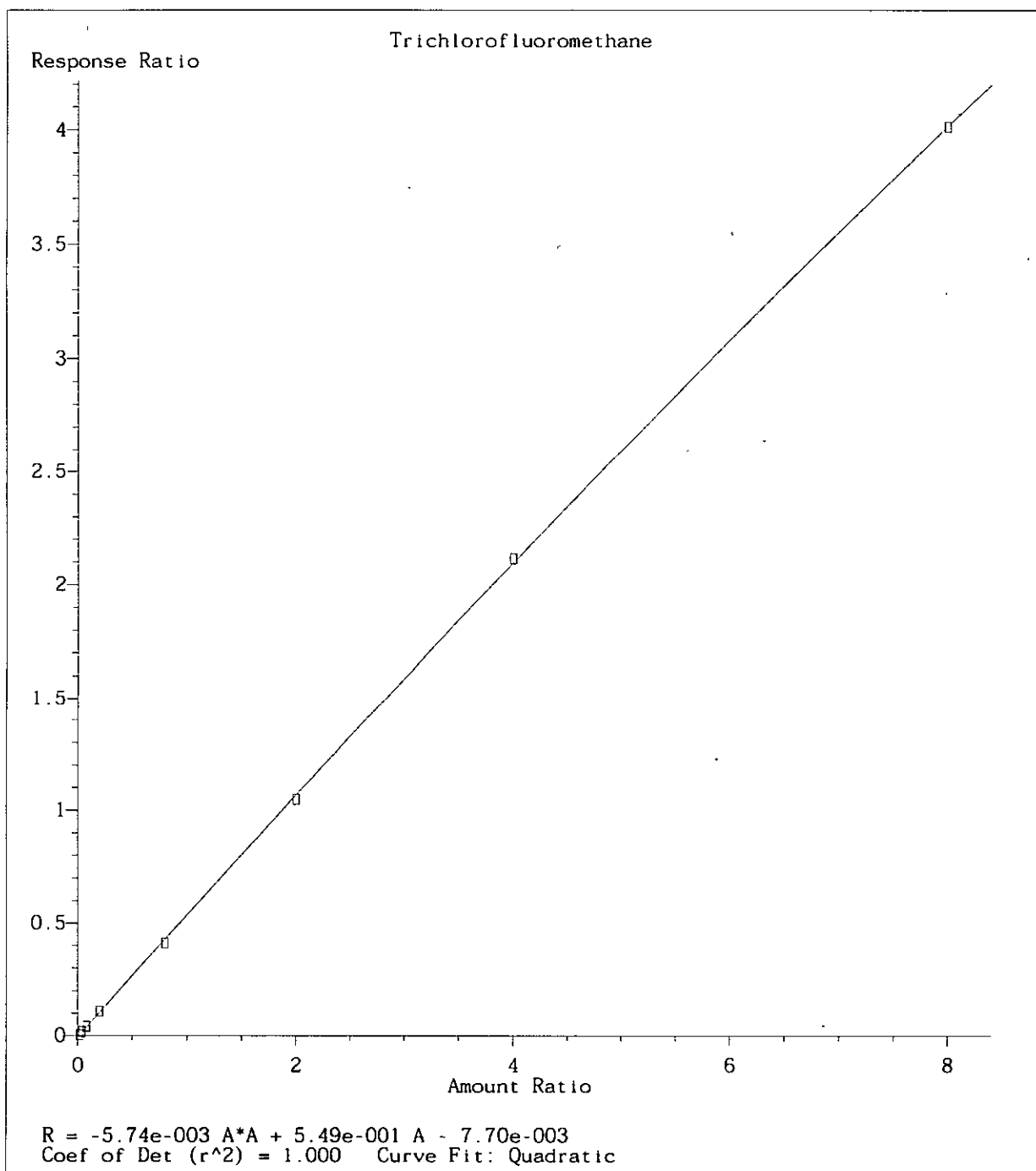




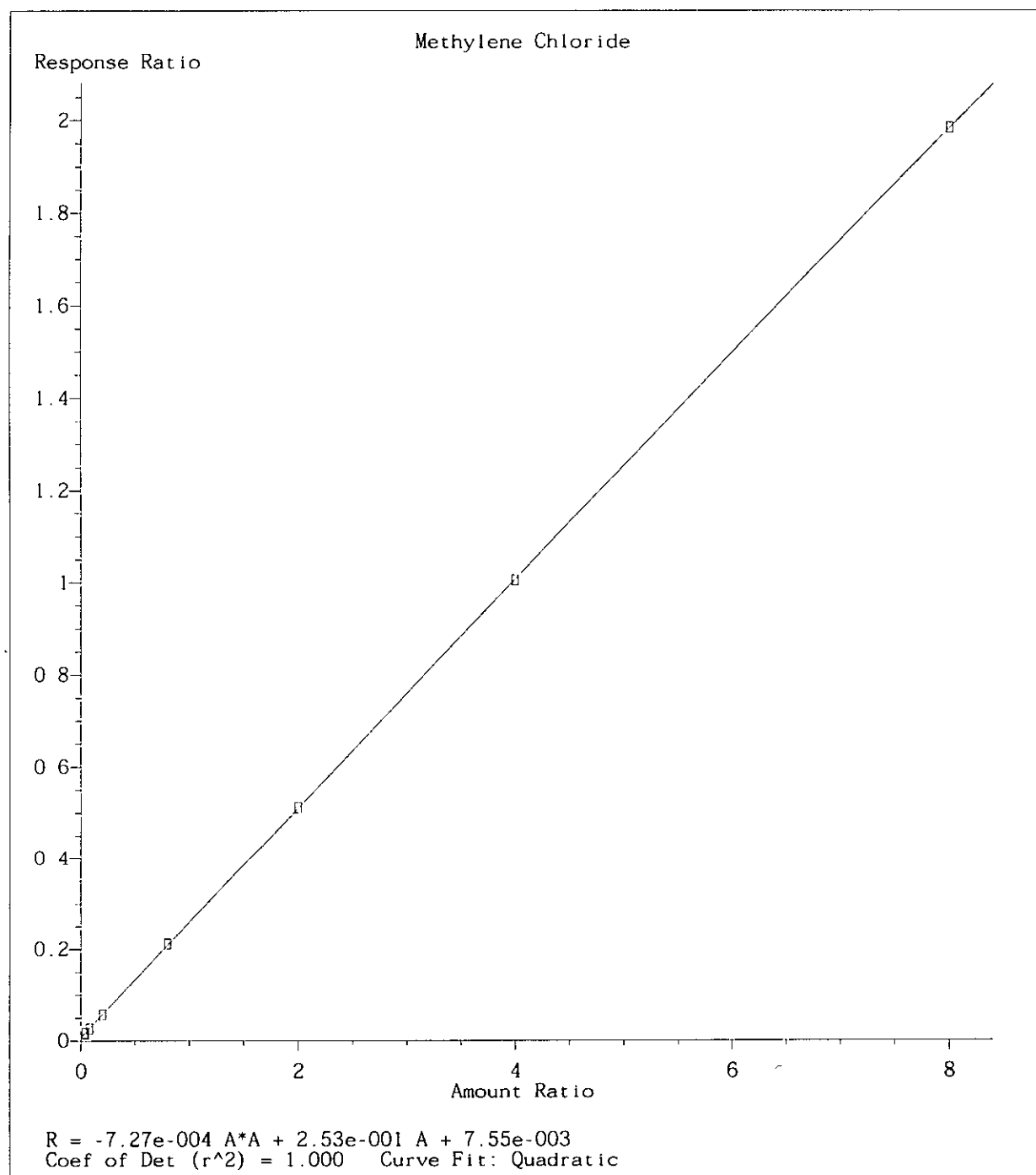
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



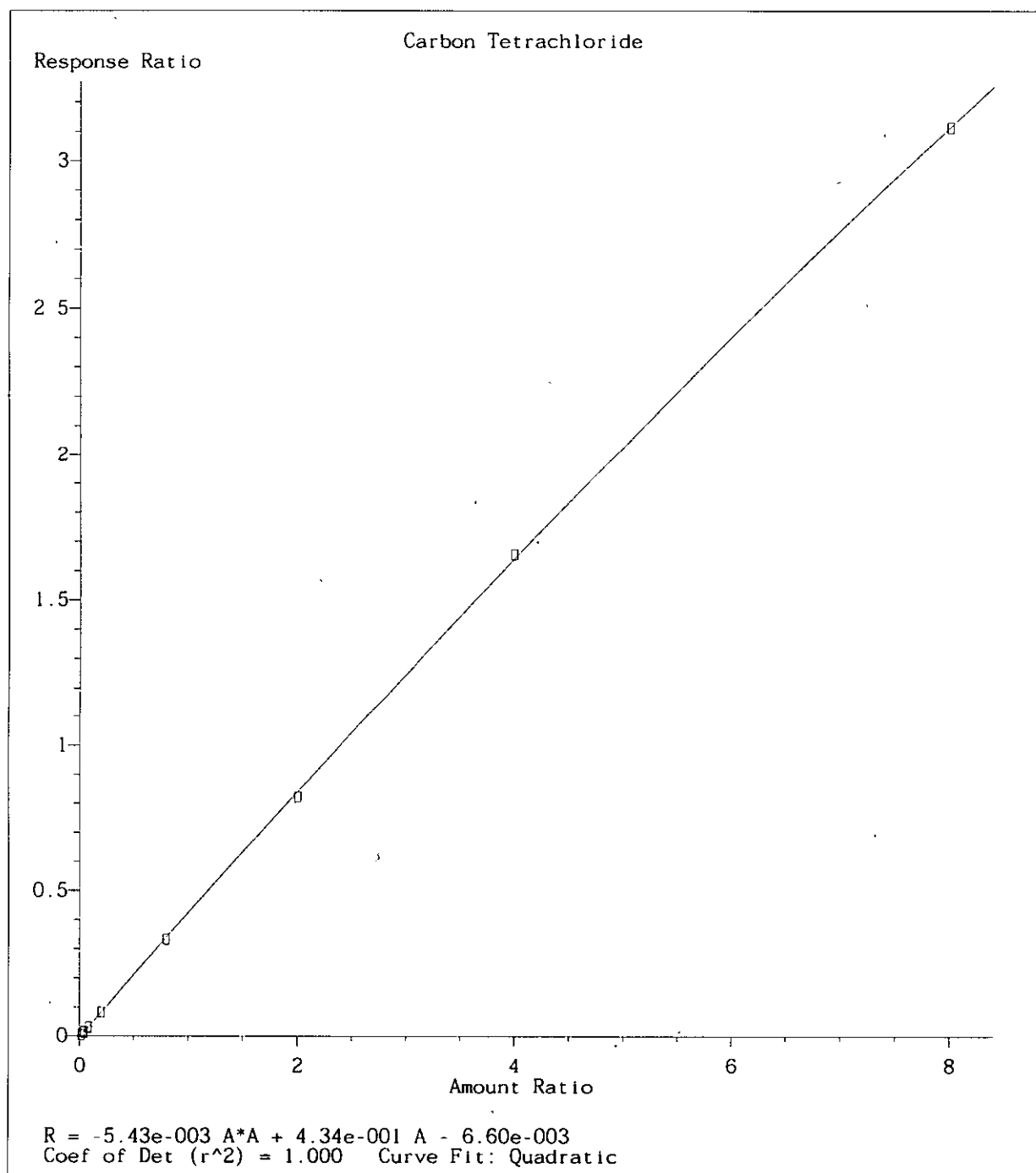
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



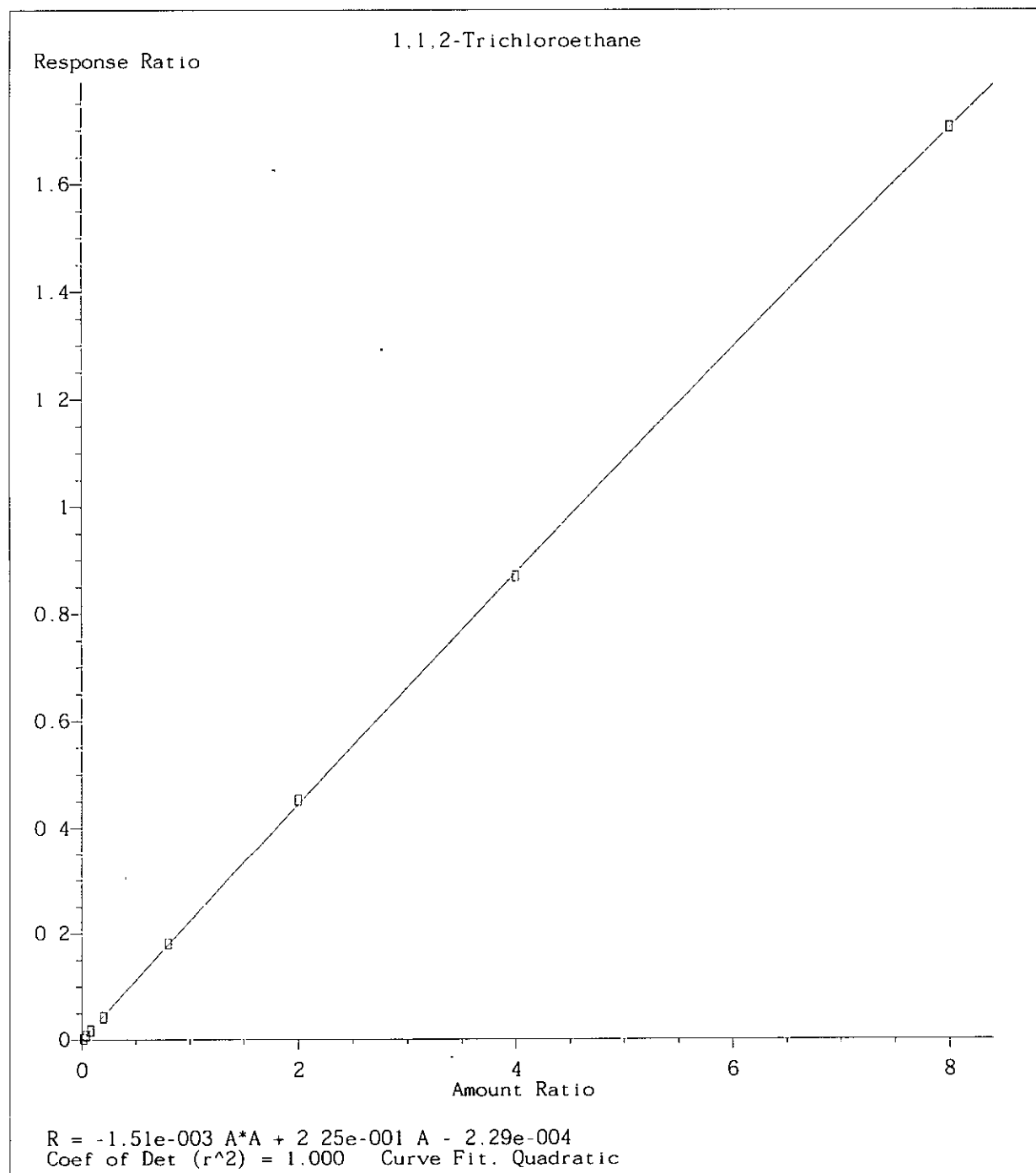
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



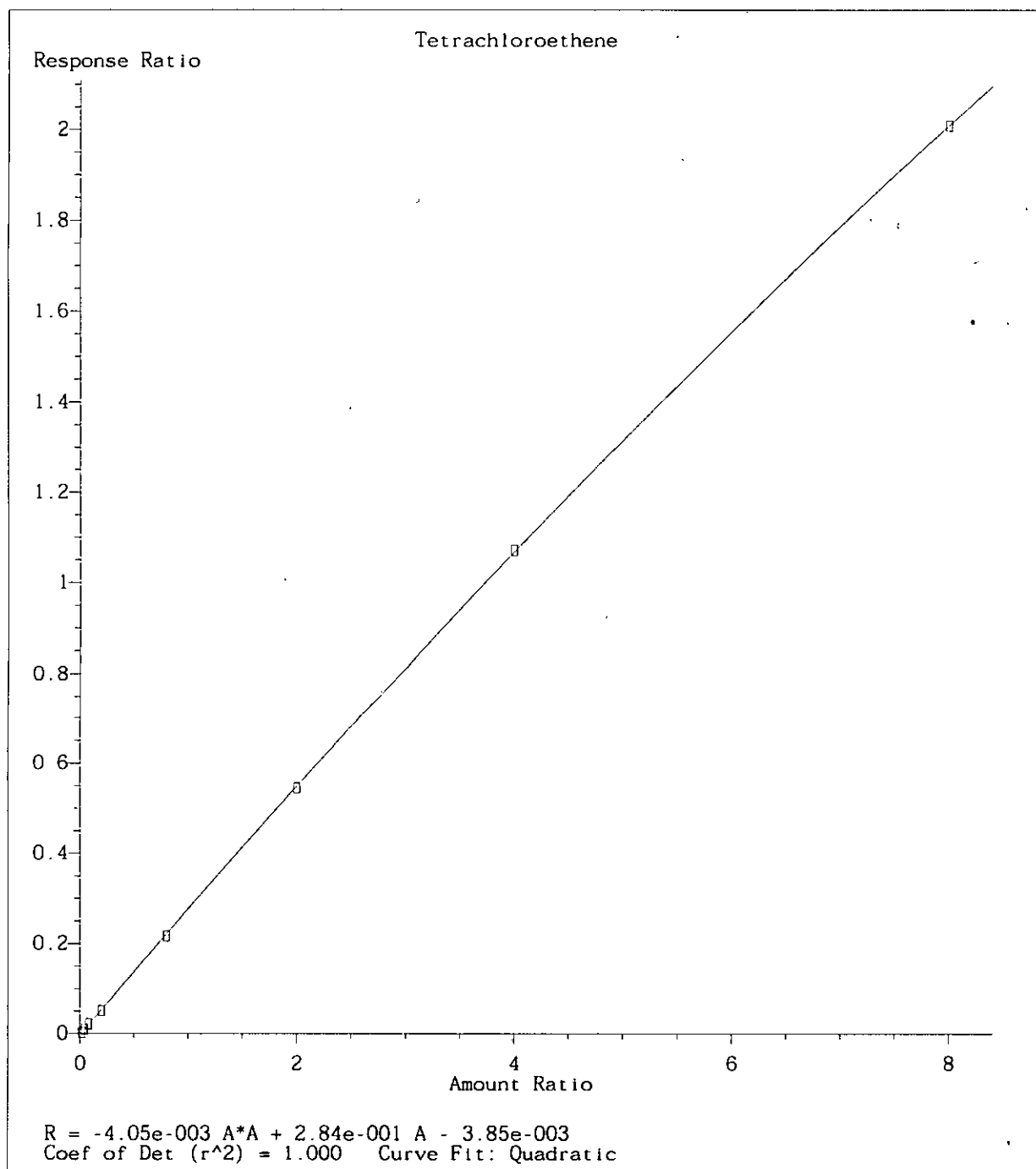
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



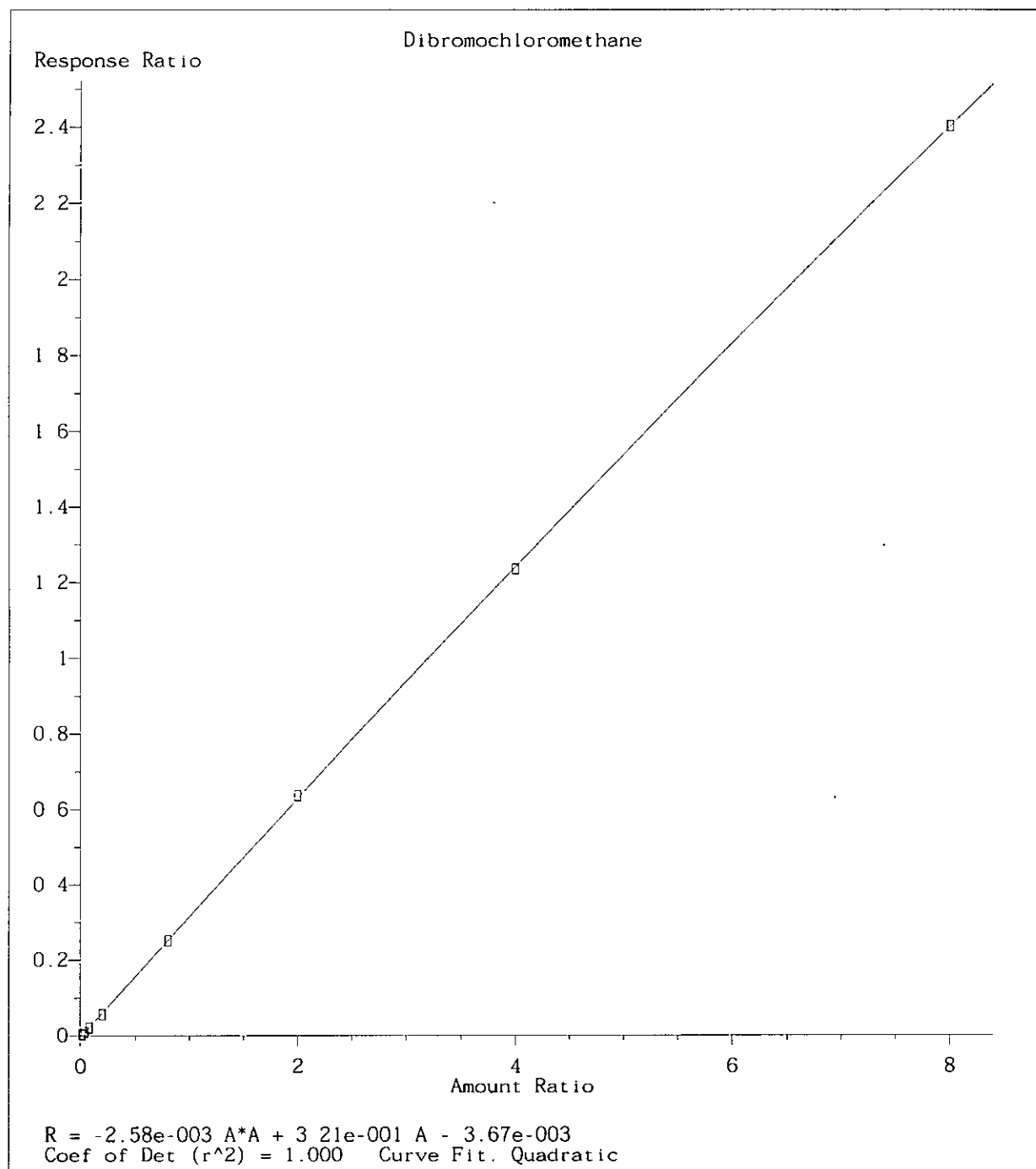
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



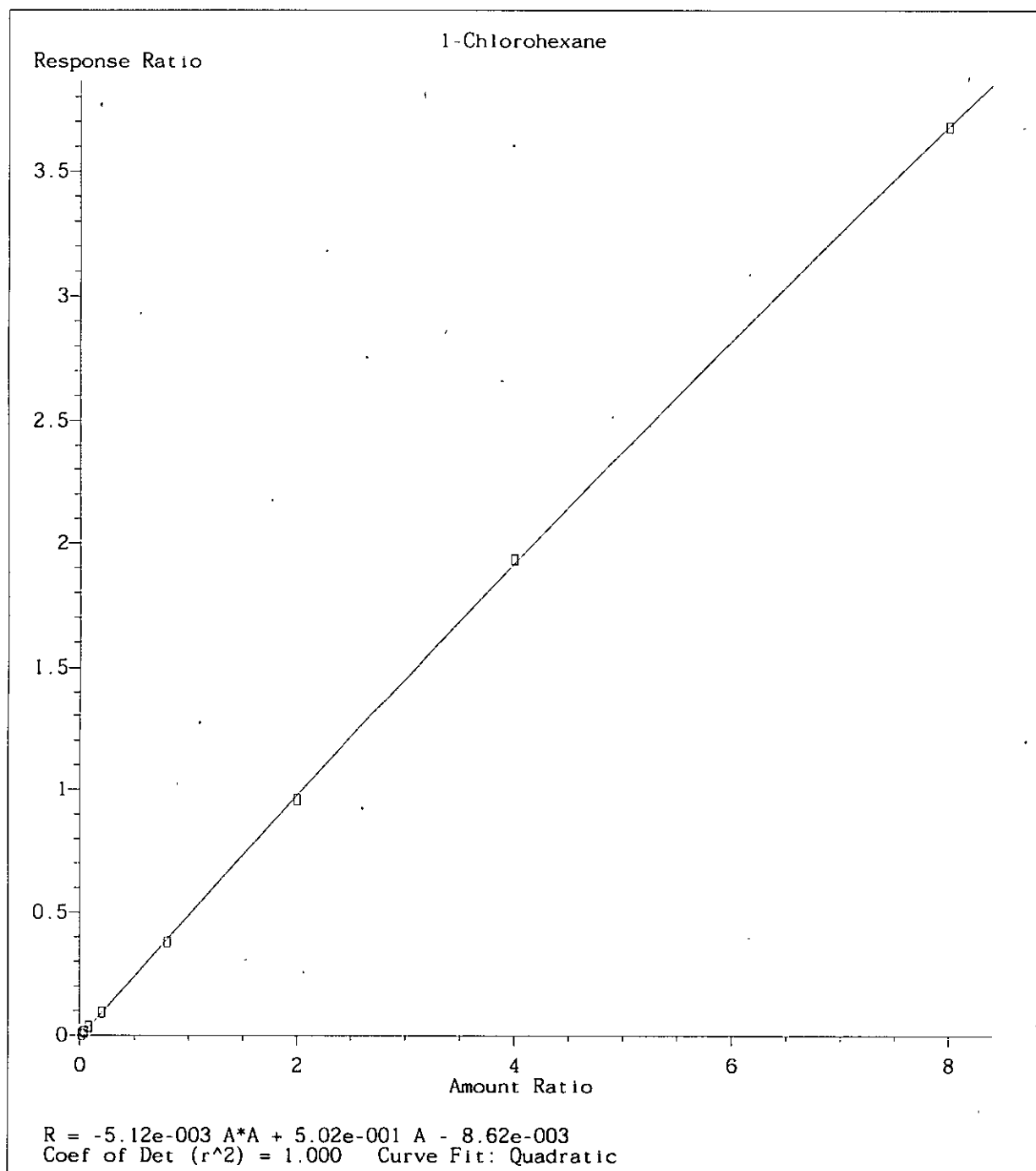
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Calibration Table Last Updated: Thu Sep 06 14:39 42 2007



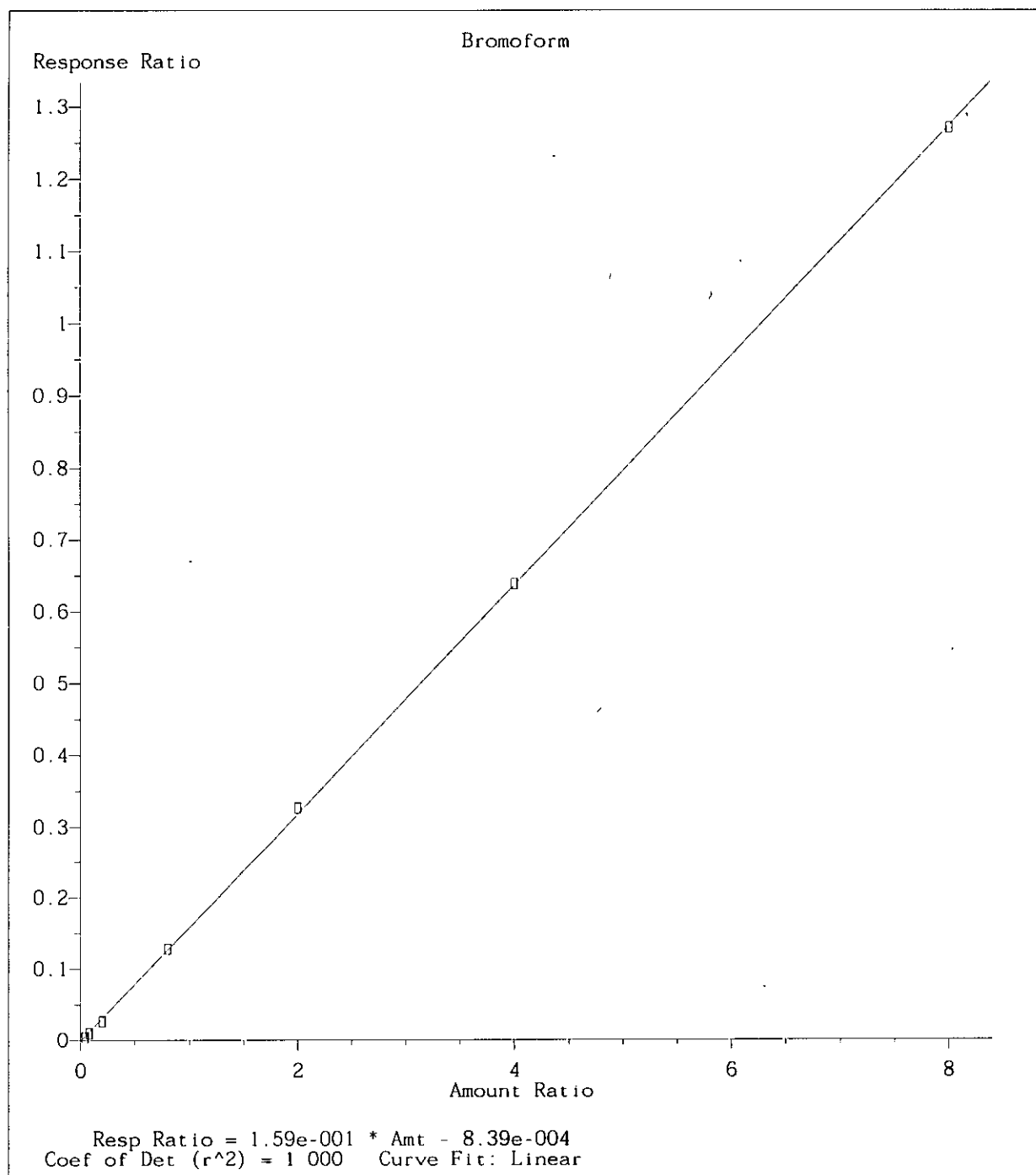
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



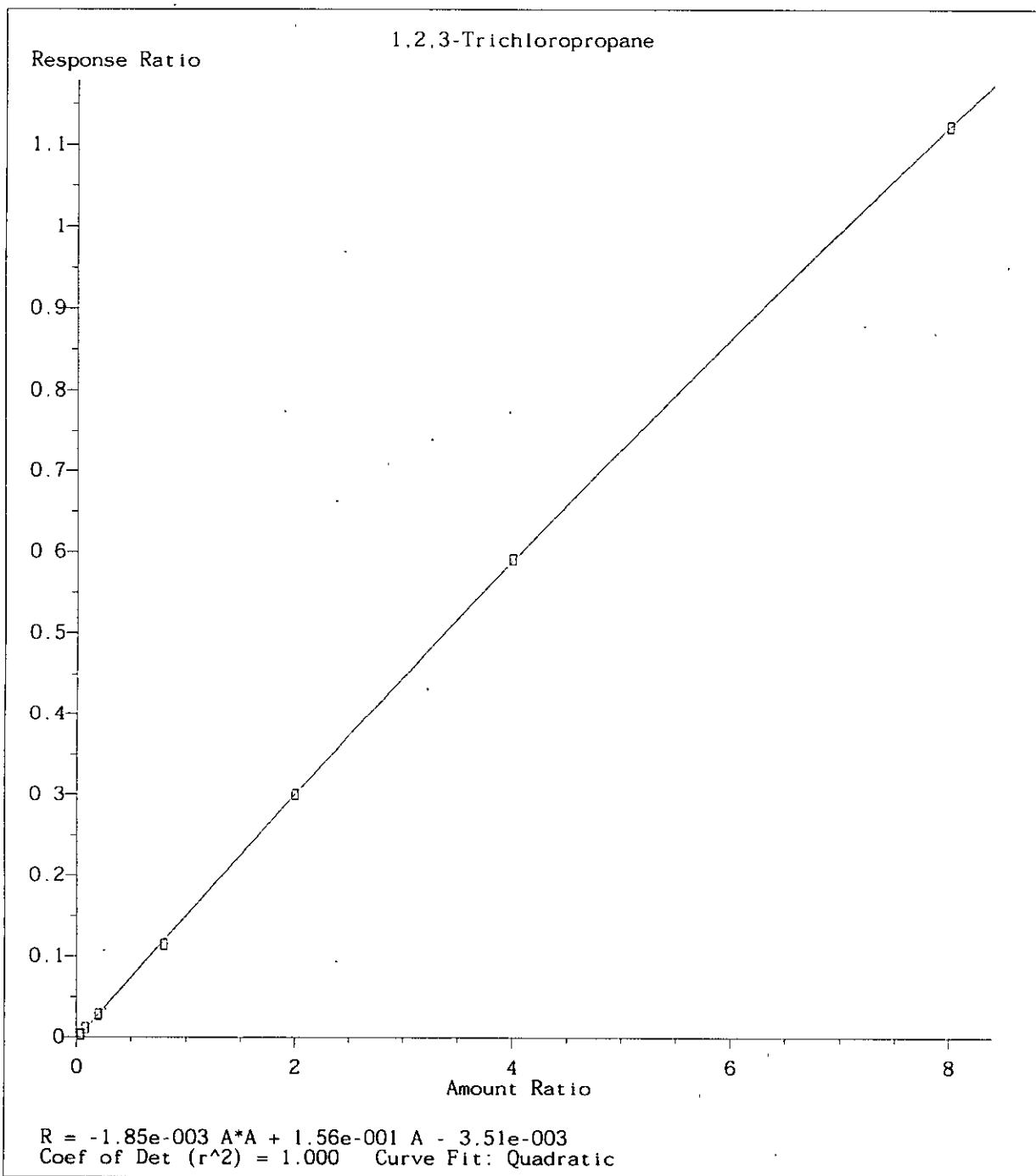
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



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

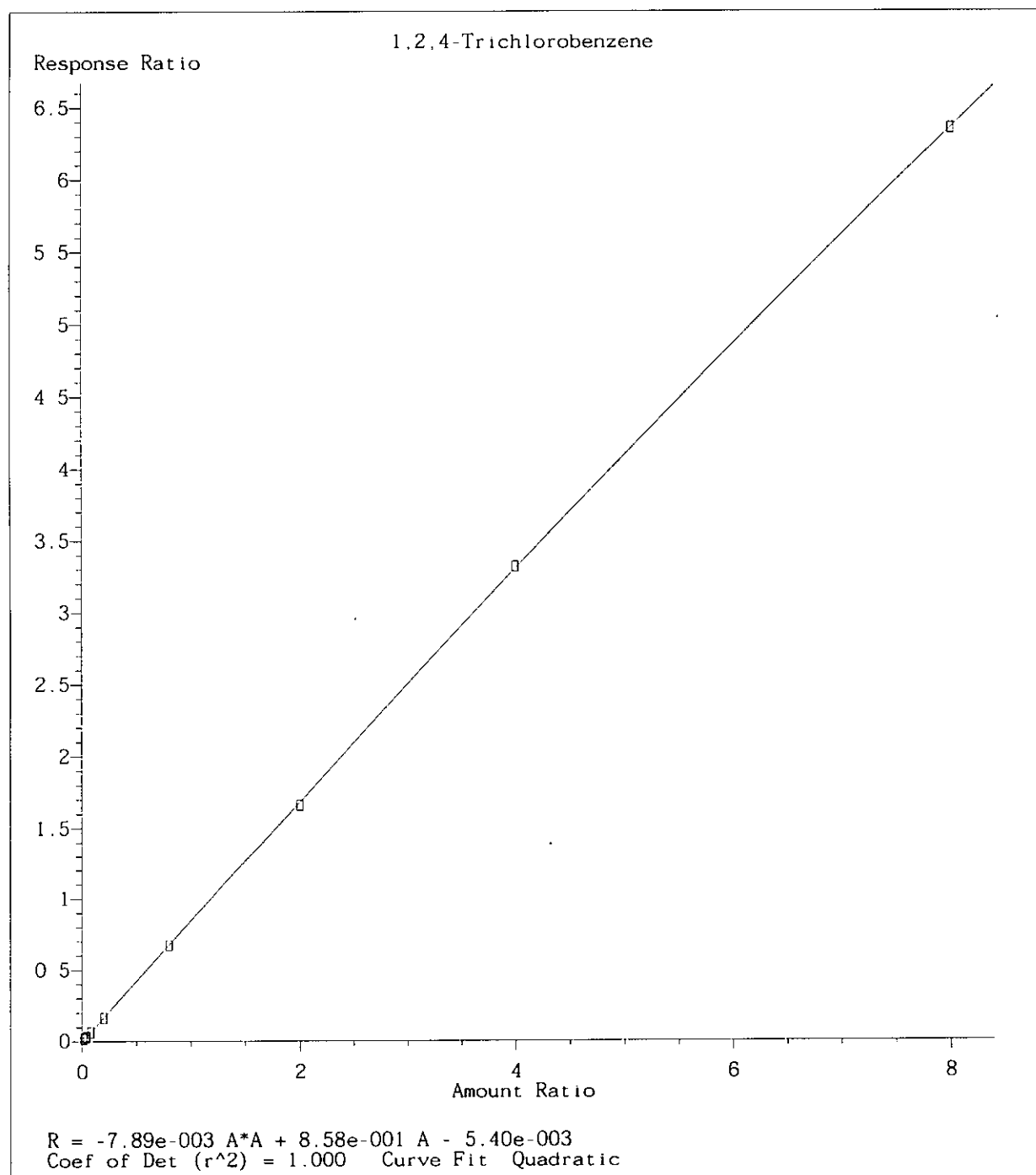


Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39 42 2007

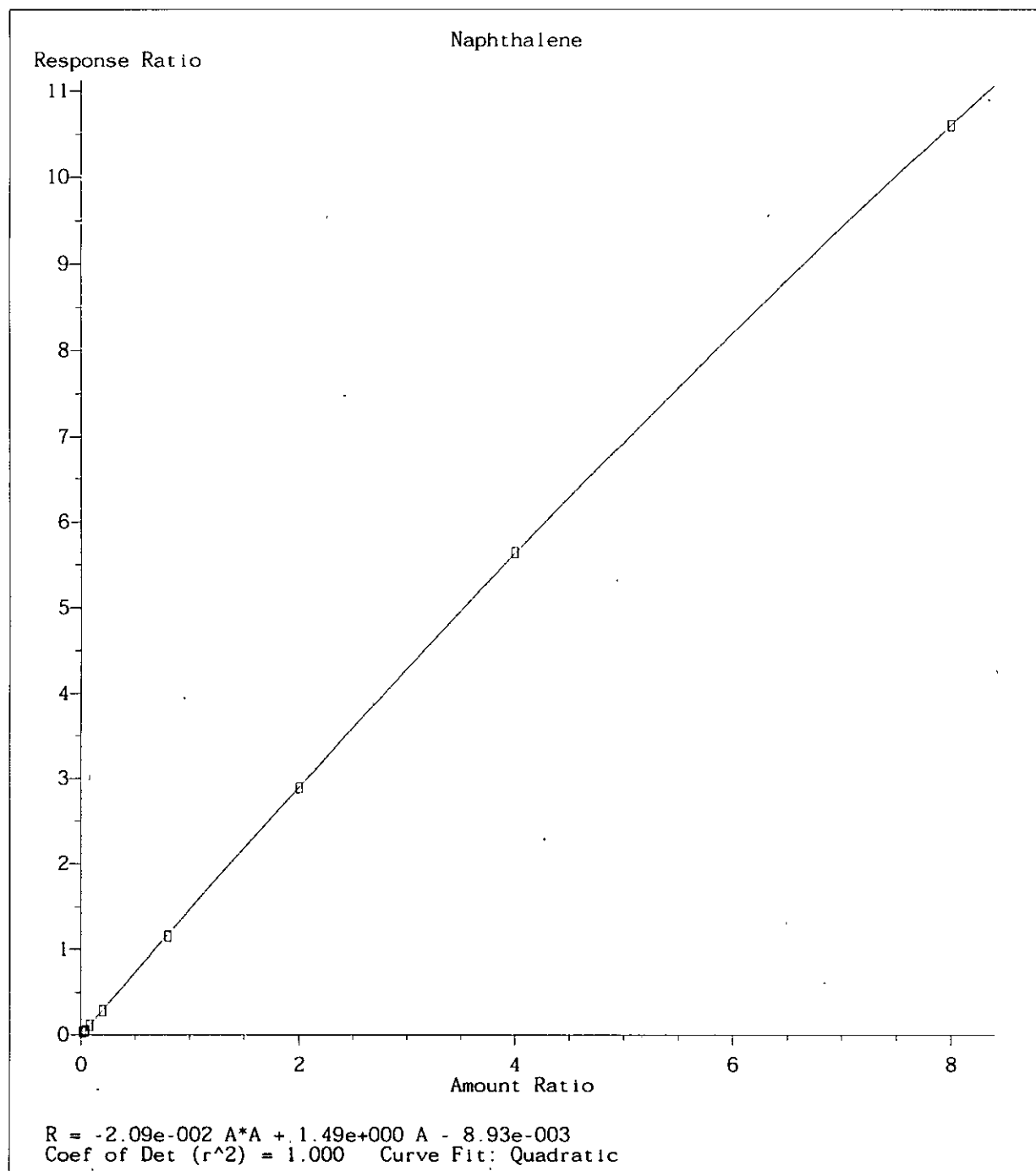


Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007

9511116

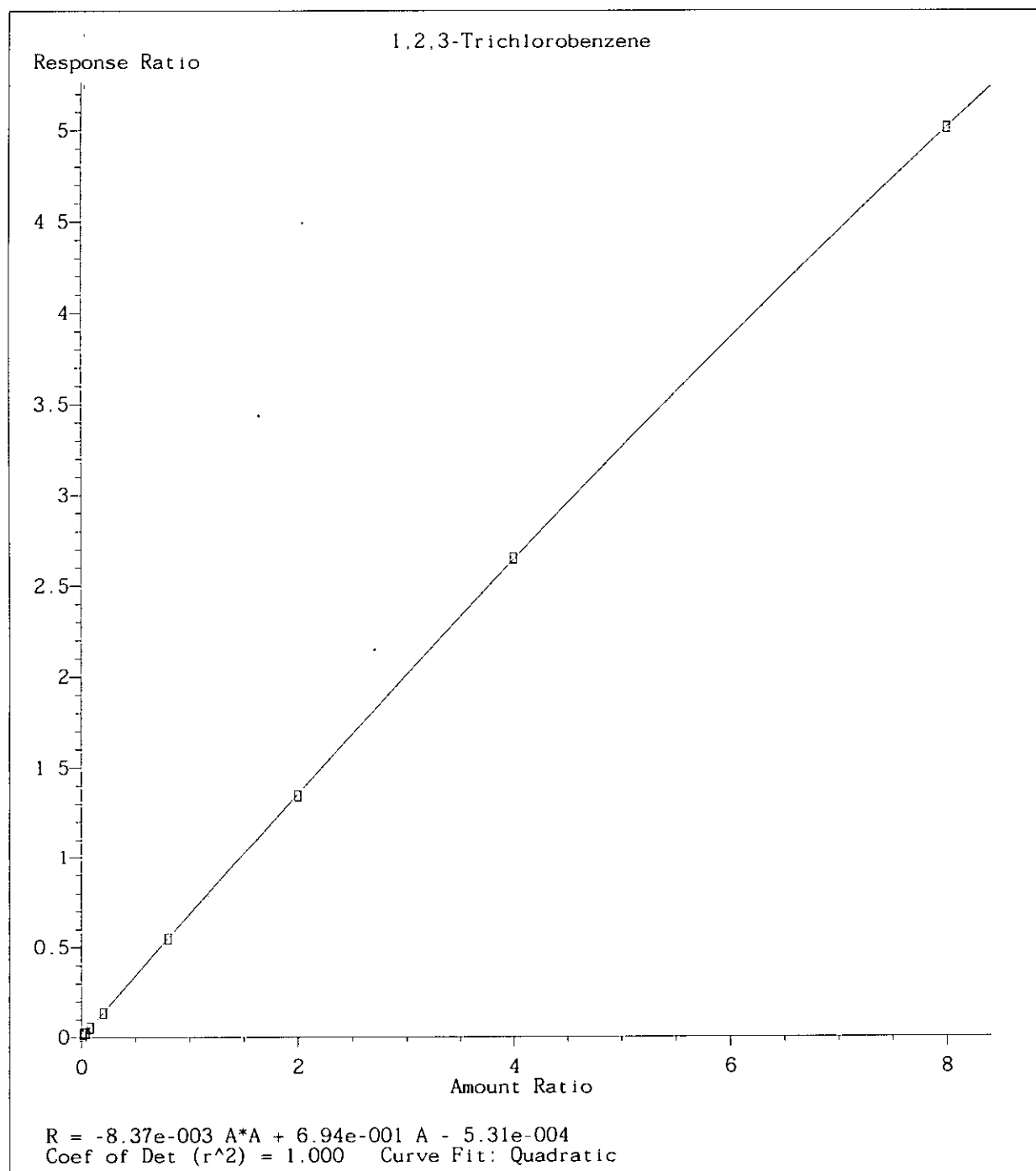


Method Name C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



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

9511118



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
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 06 14:42:53 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
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

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: reint.p

Quant Time: Sep 6 14:42 2007

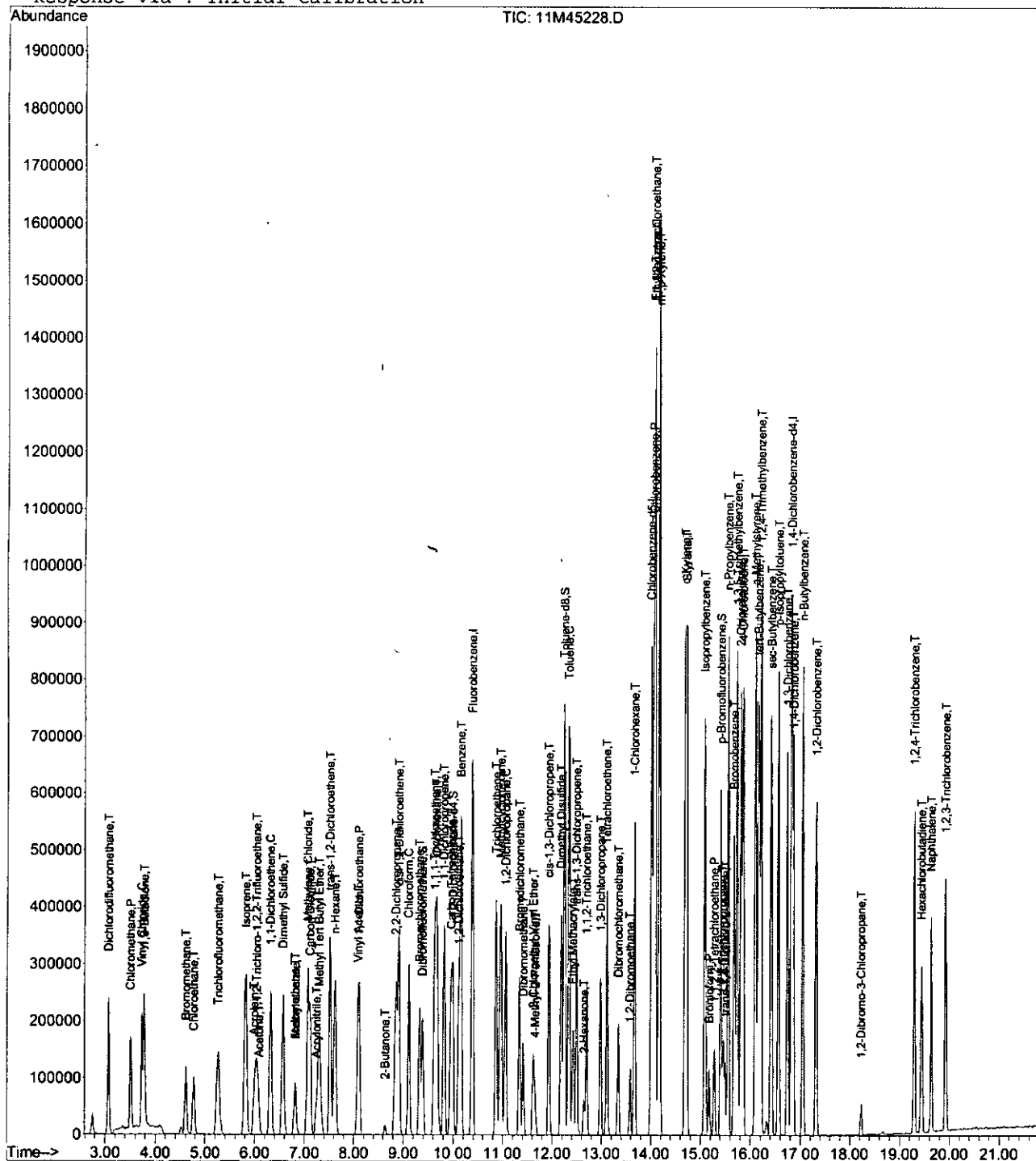
Quant Results File: 8260WT.RES

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				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						
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

9511123

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

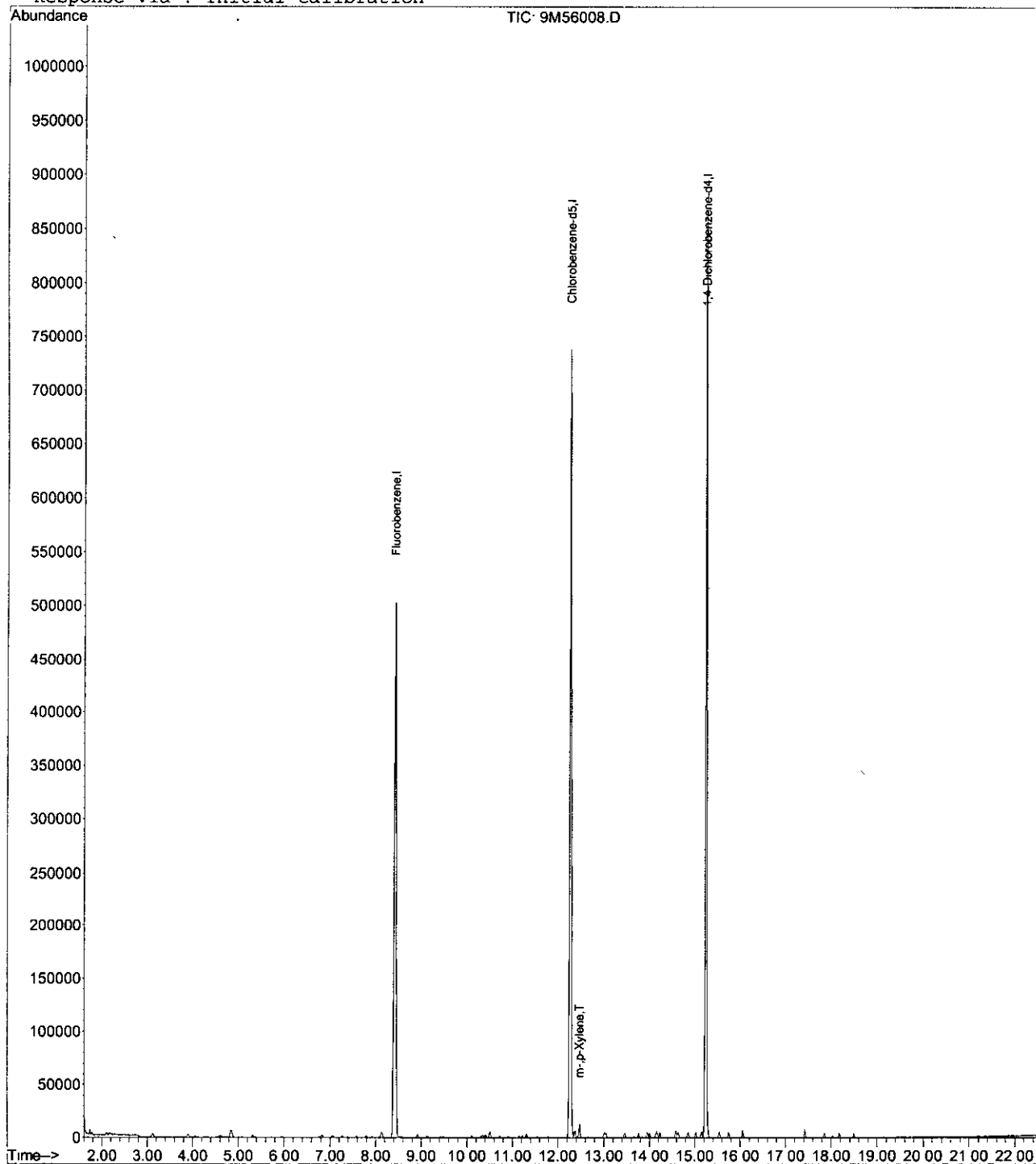
Quant Results File: 826_SLST.RES

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

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	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

					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

Page 1

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

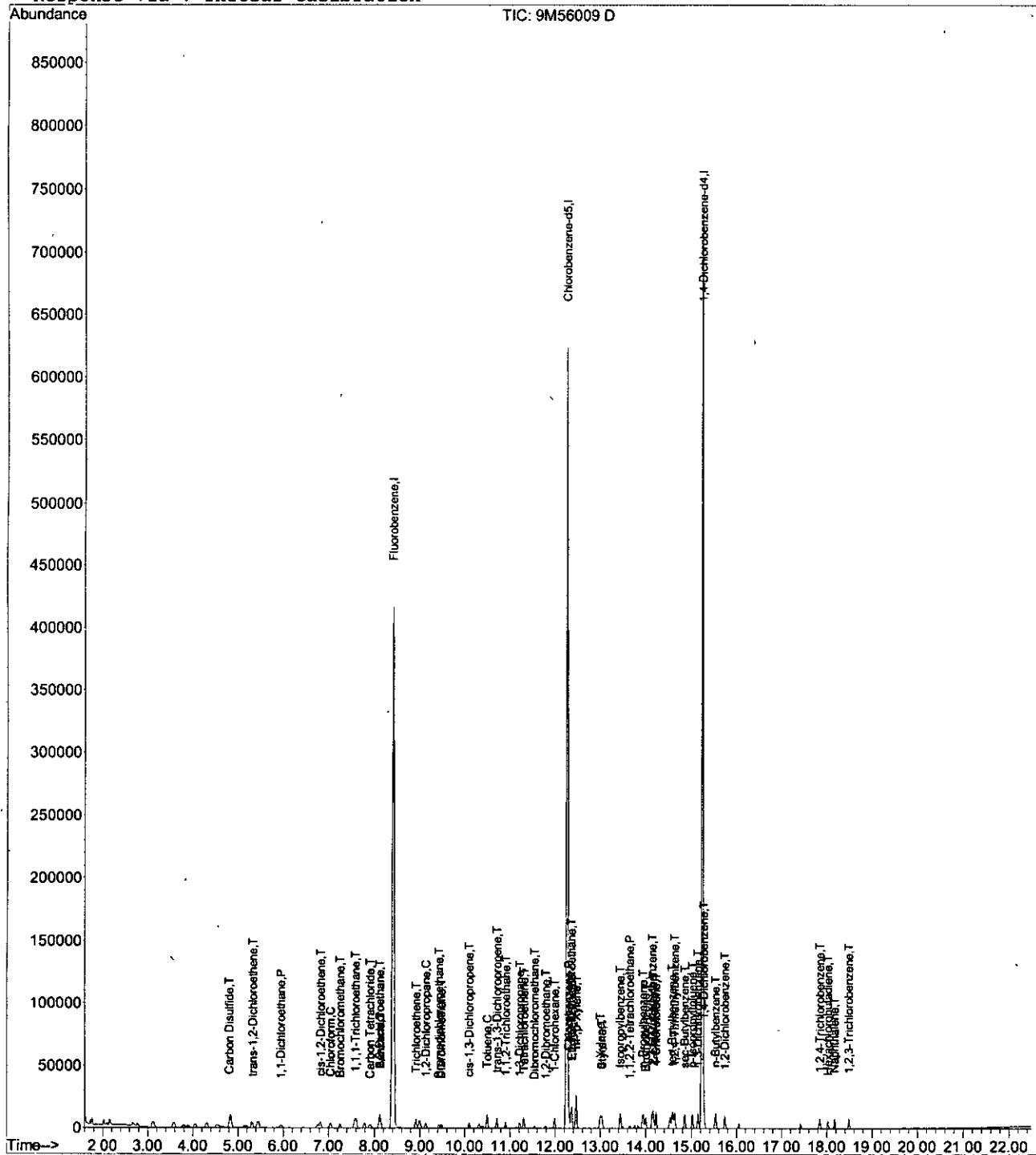
(#) = qualifier out of range (m) = manual integration
9M56009.D 826_SLST.M Wed Aug 15 16:21:56 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56009.D
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

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
 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 17:22:50 2007

Vial: 4
 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 17:21:42 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

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

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

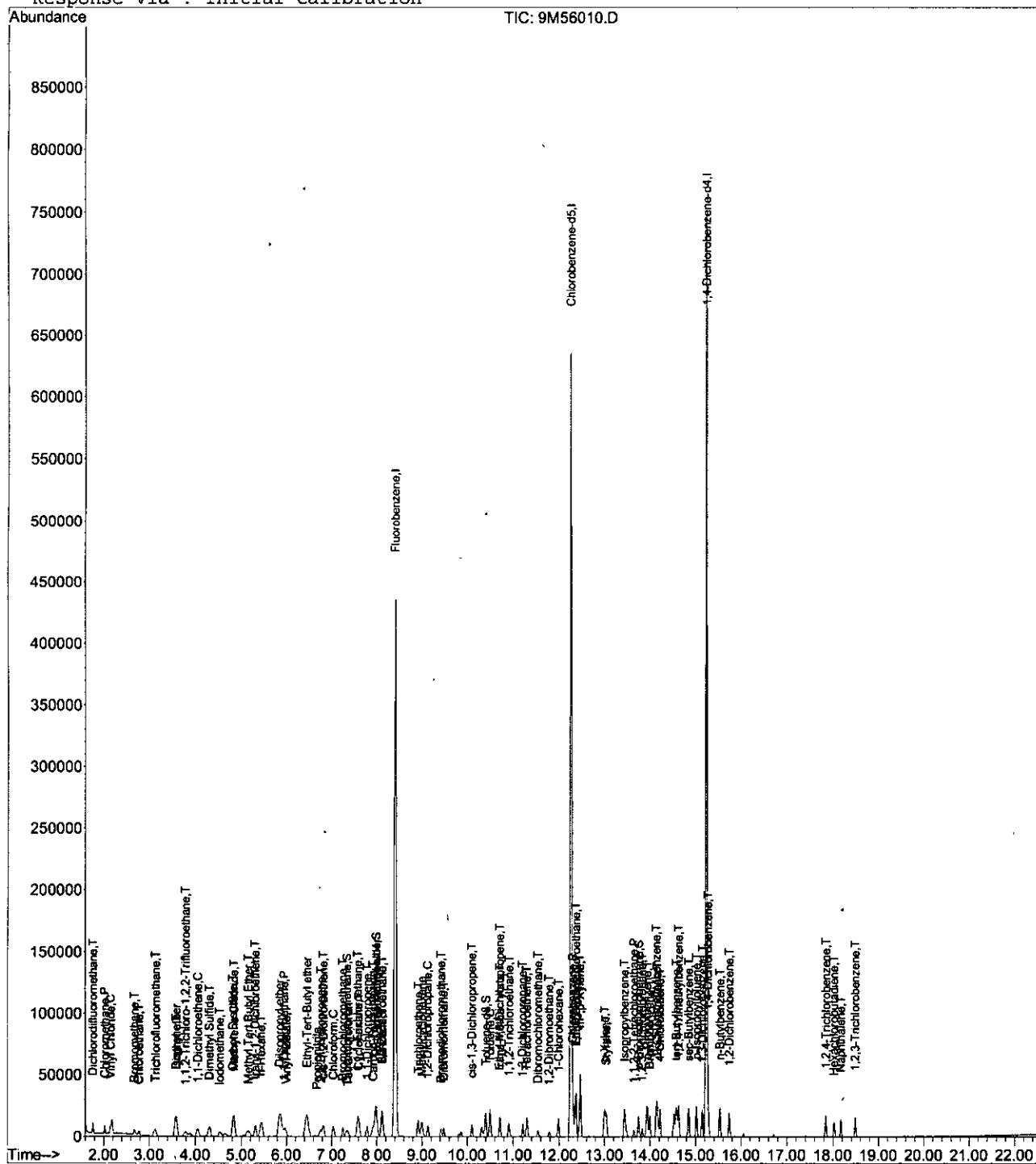
Quant Results File: 826 SLST.RES

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

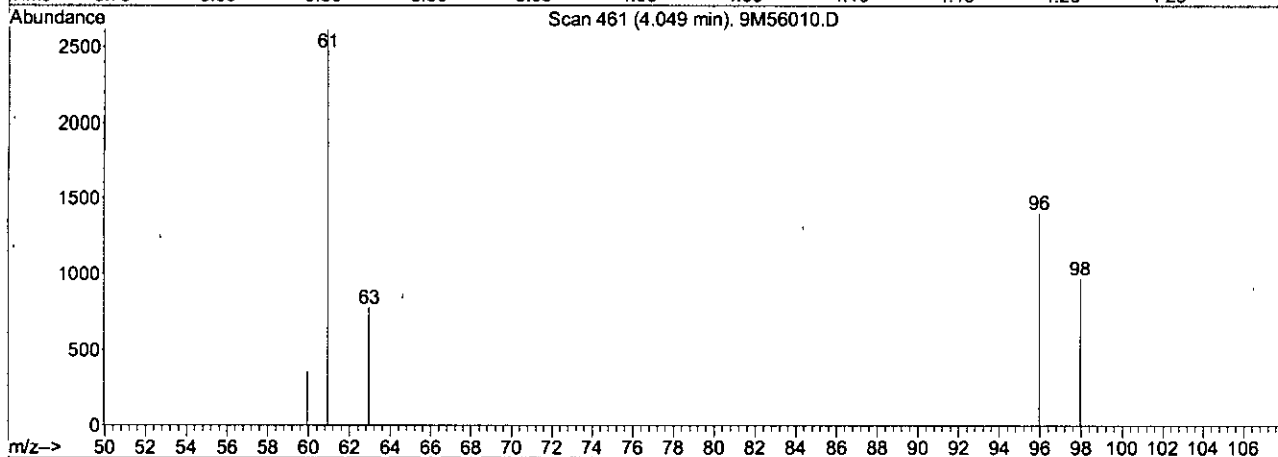
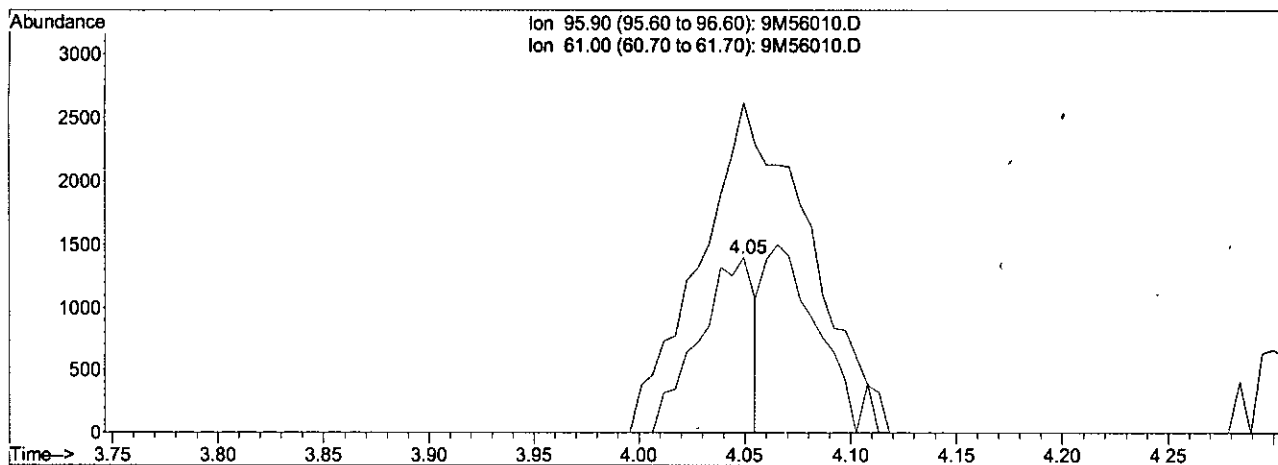
Quant Results File: temp.res

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

9511131

Quantitation Report (Qedit)

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

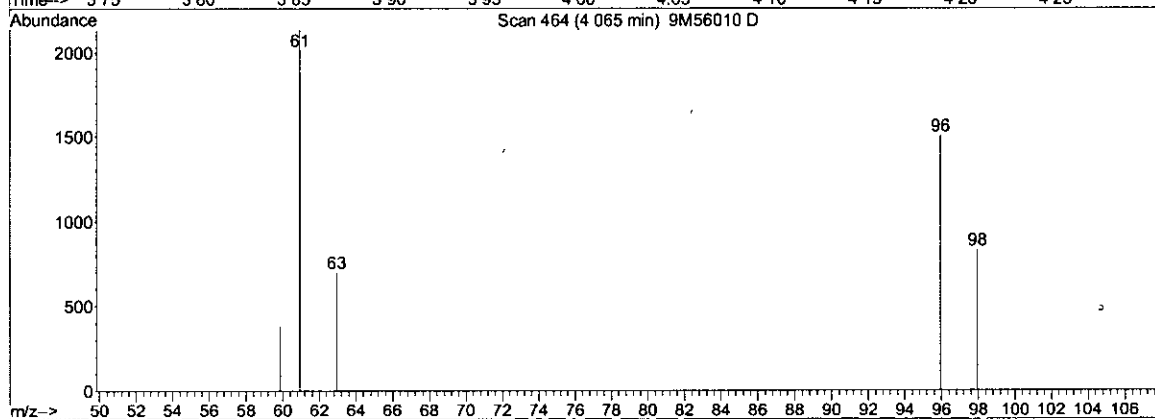
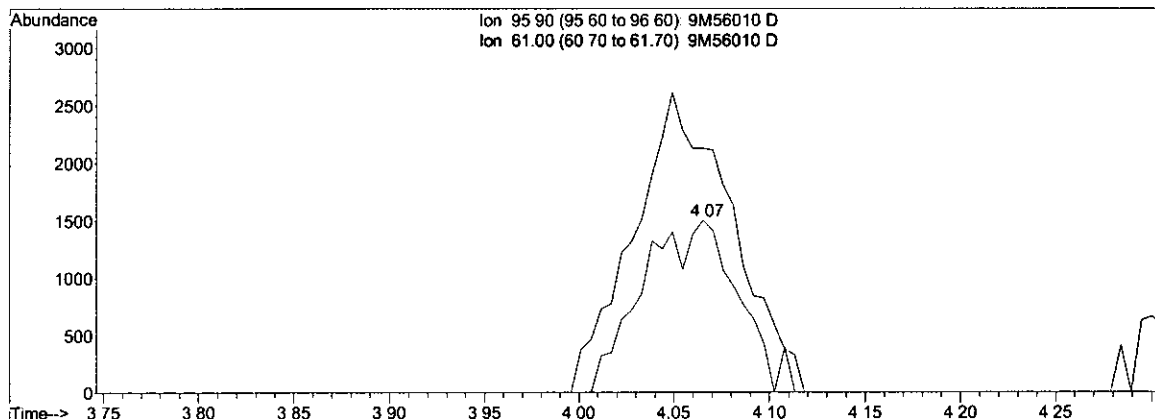
Quant Results File: temp.res

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>mying Galt</i>	<i>Van C...</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

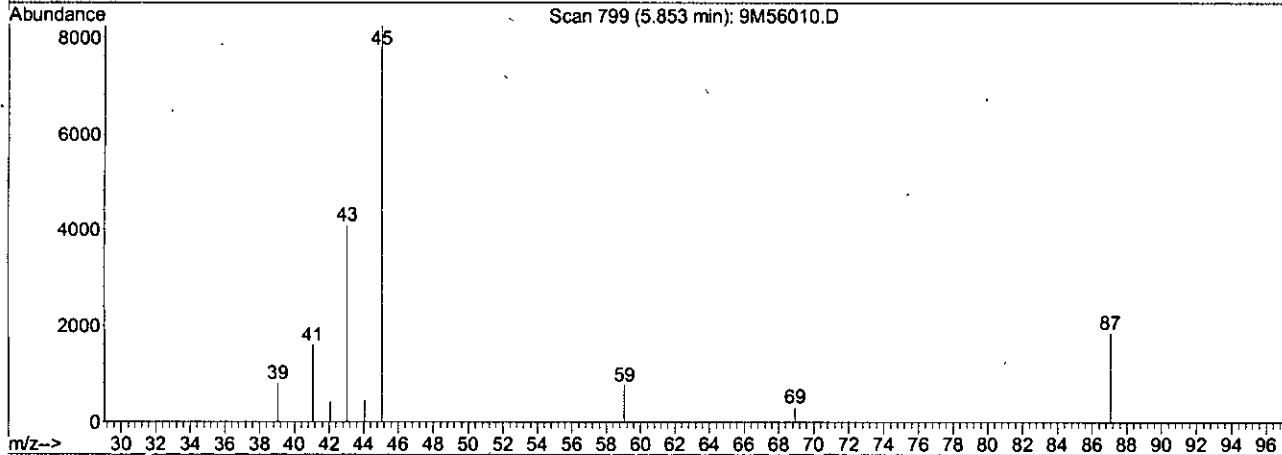
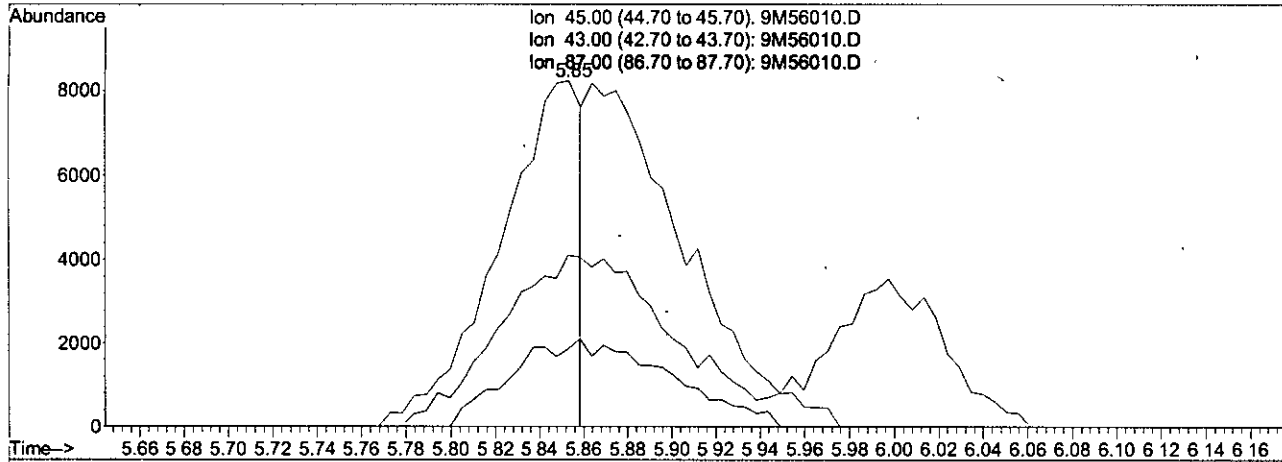
Quant Results File: temp.res

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

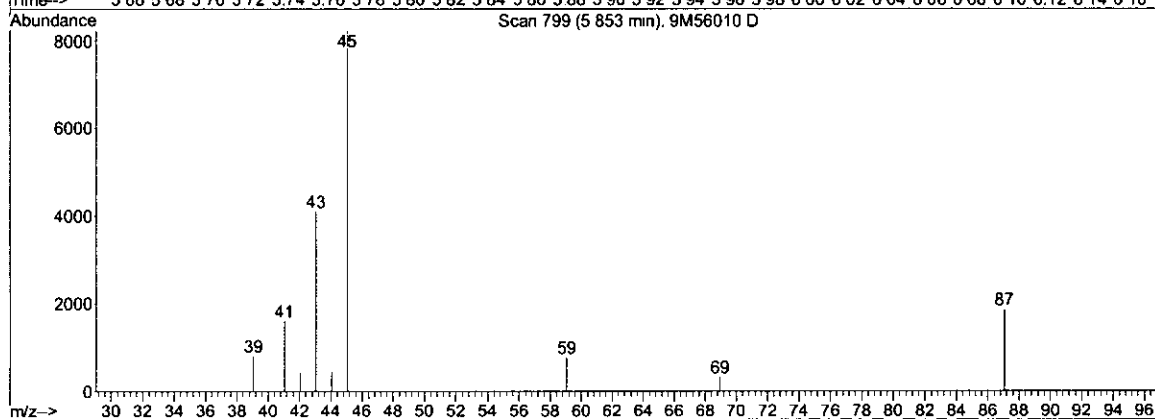
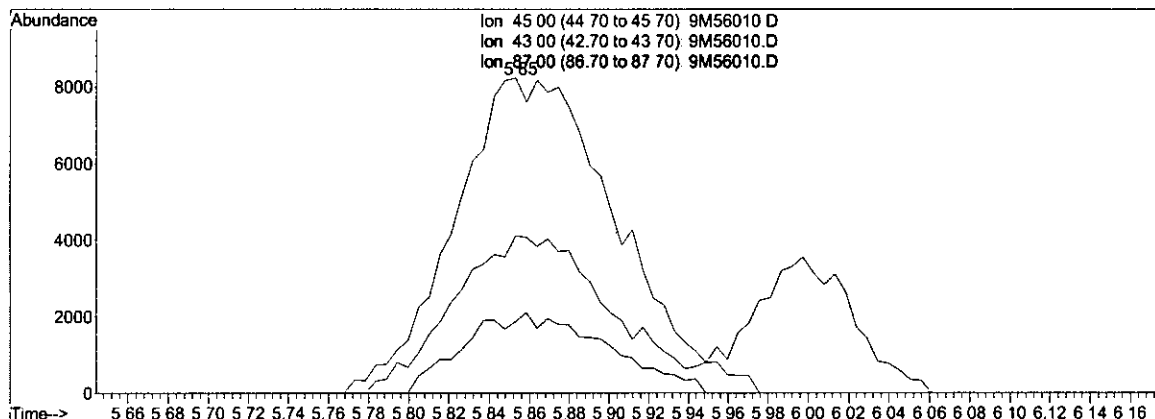
Ion	Exp%	Act%
45.00	100	100
43.00	43.60	102.68#
87.00	23.20	16.39
0.00	0.00	0.00

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	
<i>myg</i>	<i>Van</i>

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
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 17:25:59 2007

Vial: 5
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

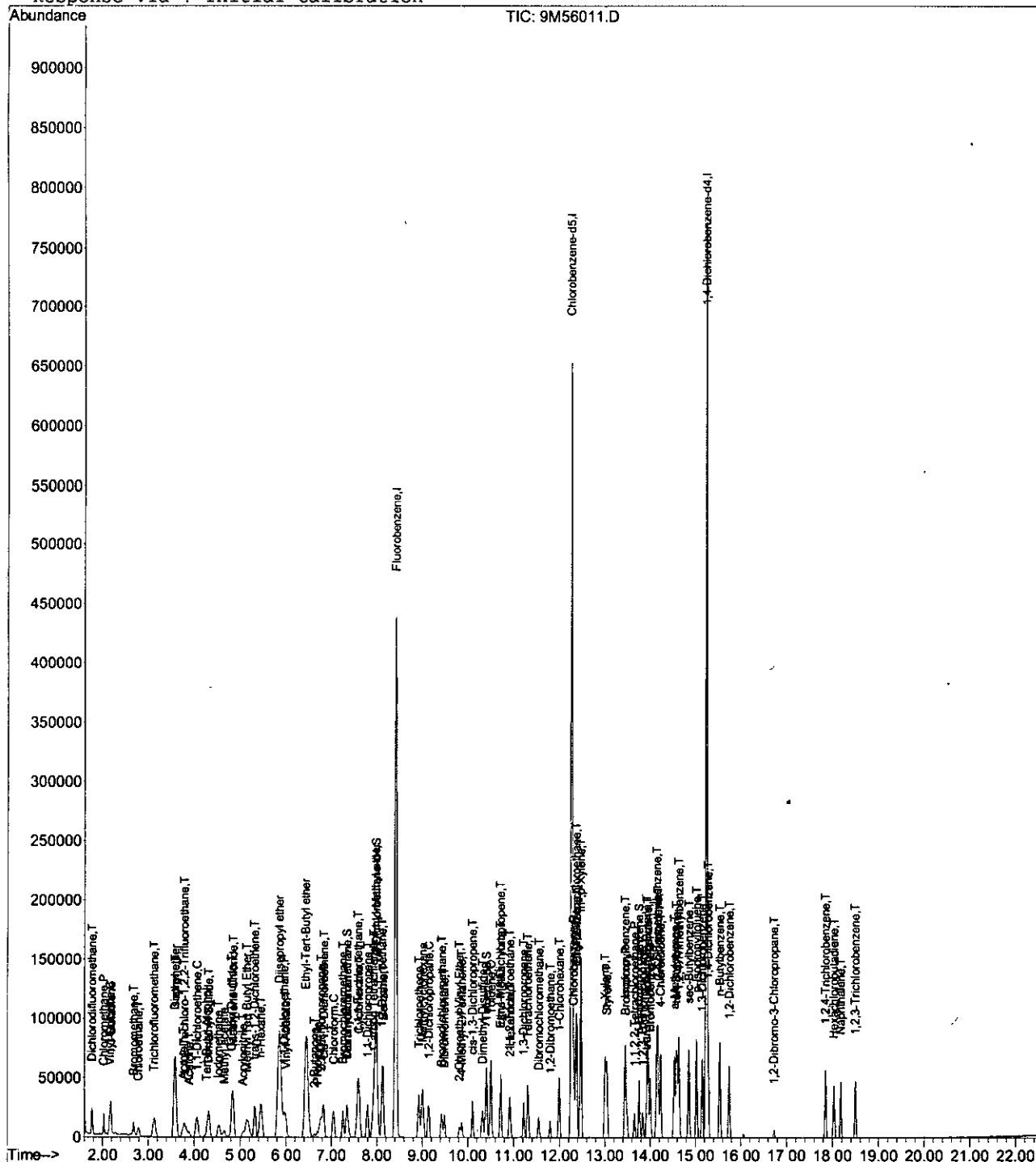
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	8.13	78	65434	4.9857	ug/kg	100
45) Trichloroethene	8.91	130	19827	4.8979	ug/kg	99
46) Methylcyclohexane	9.00	83	29406	4.8764	ug/kg	97
47) 1,2-Dichloropropane	9.13	63	15882	5.1315	ug/kg	96
48) Bromodichloromethane	9.42	83	20052	4.8866	ug/kg	97
50) 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-Chloropropane	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

Vial: 5
Operator: MES, J
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 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

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

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-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

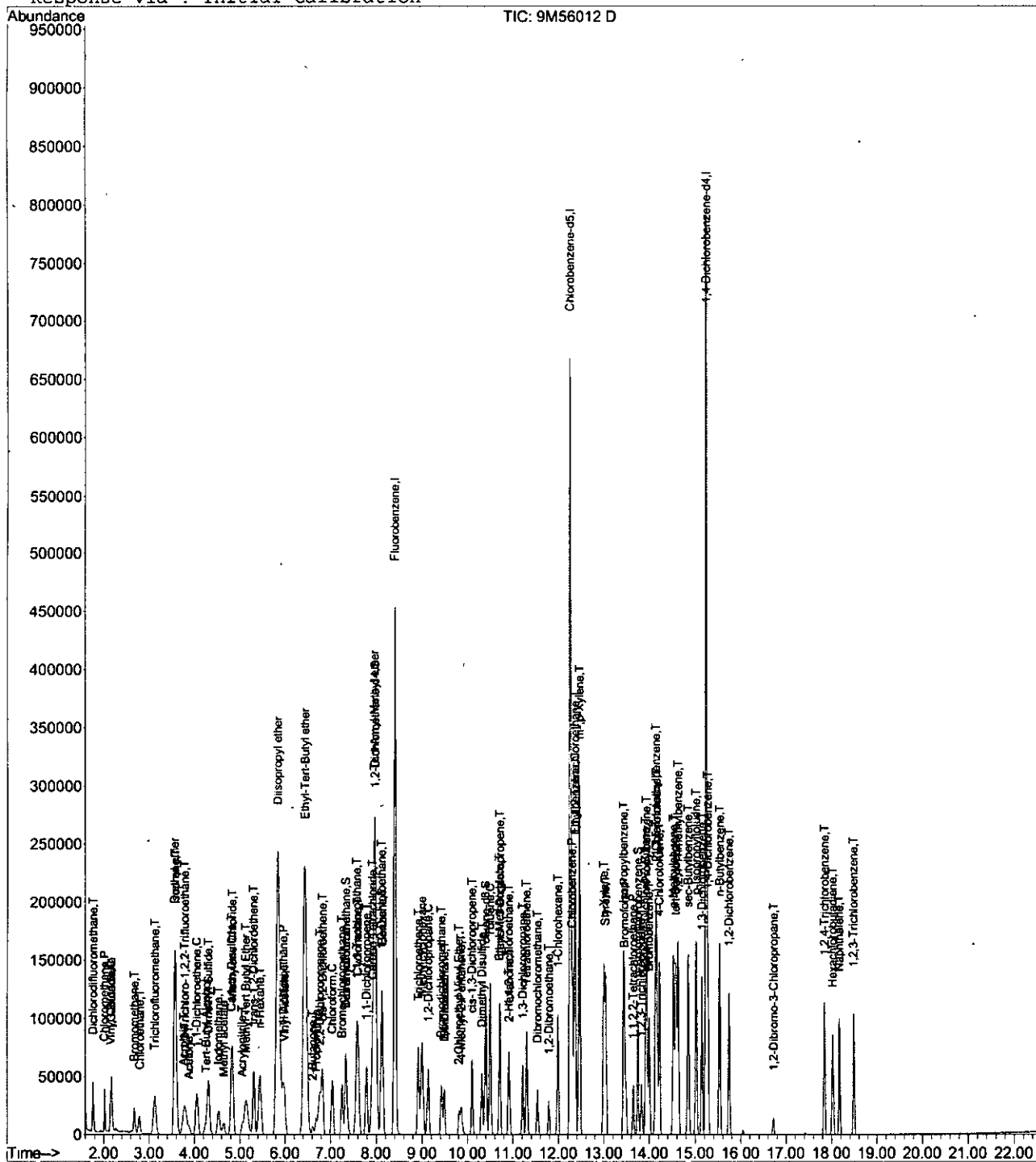
Page 2

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



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

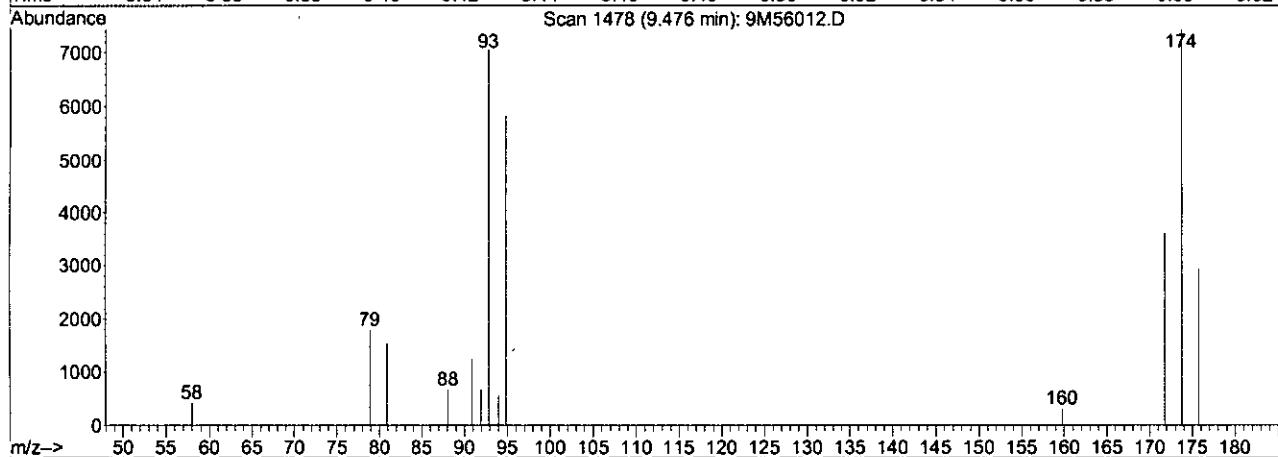
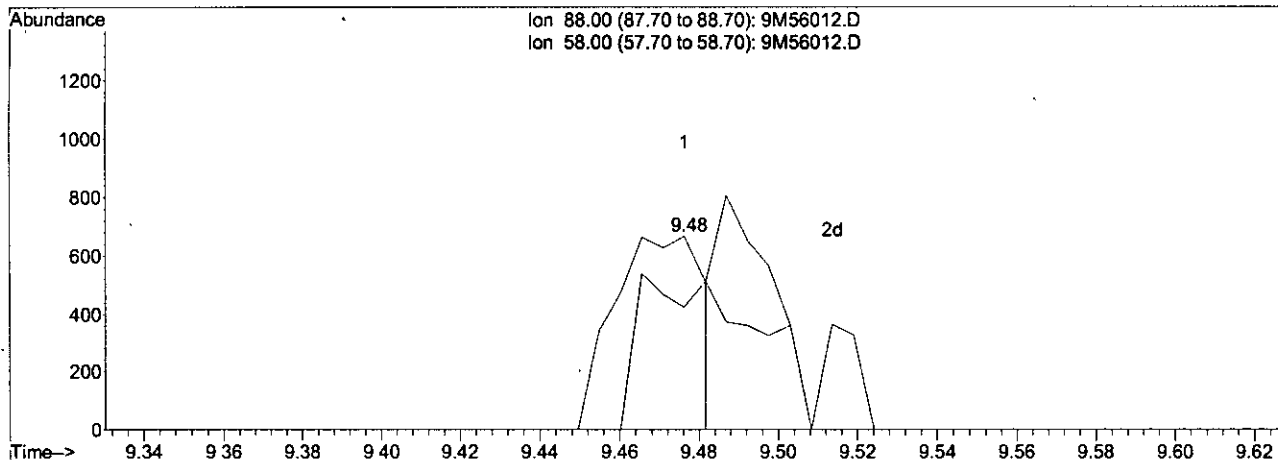
Quant Results File: temp.res

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

9511141

Quantitation Report (Qedit)

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

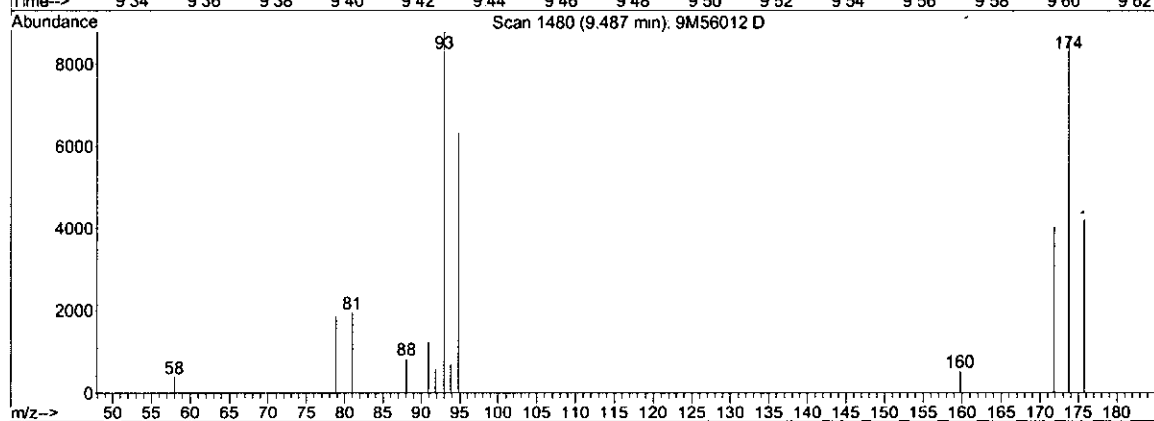
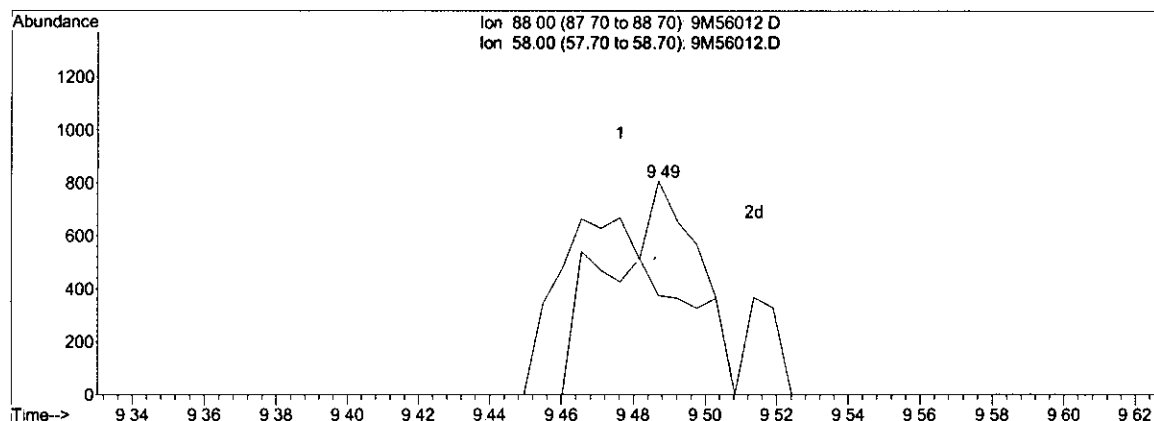
Quant Results File: temp.res

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

*my signature**signature*

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

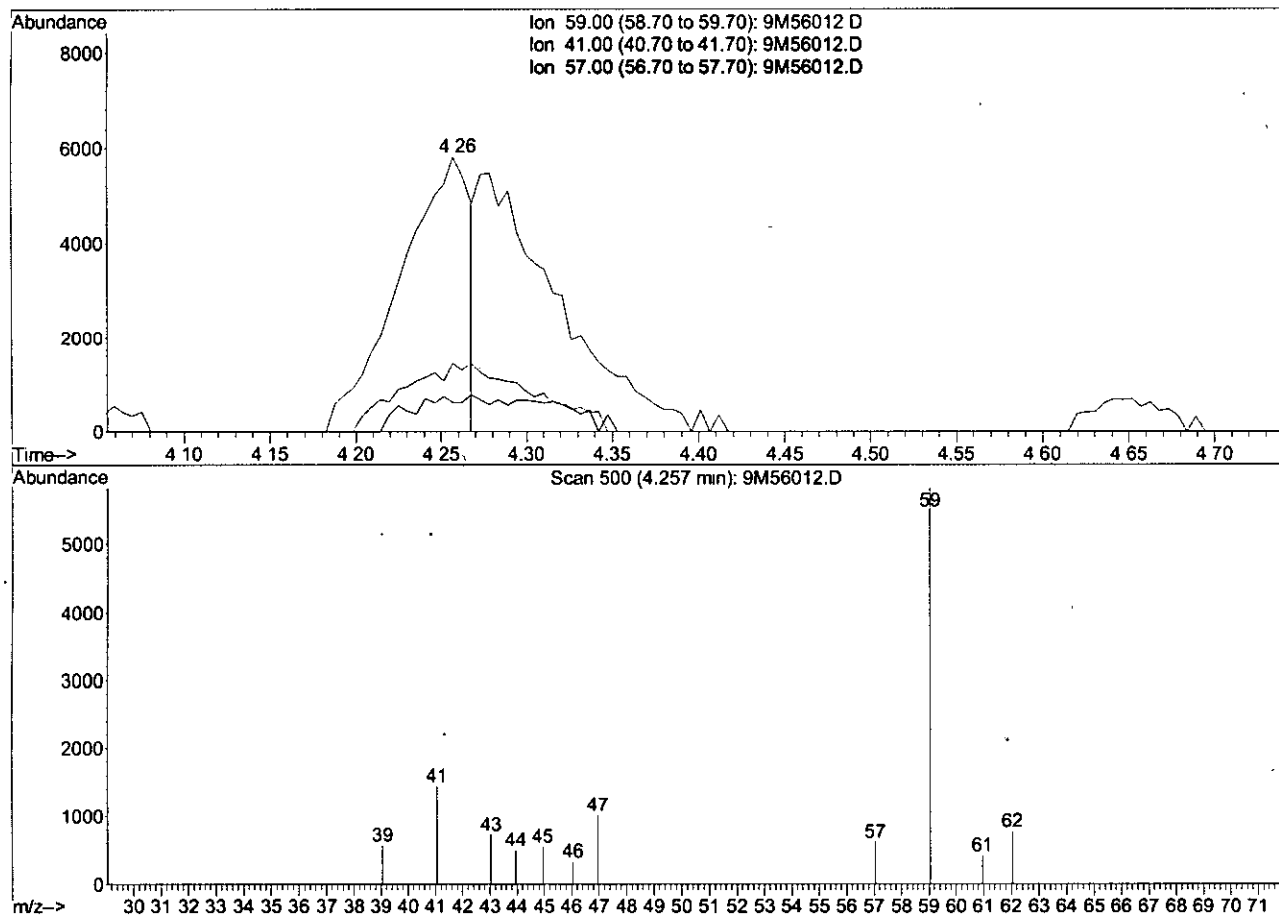
Quant Results File: temp.res

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

9511143

Quantitation Report (Qedit)

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

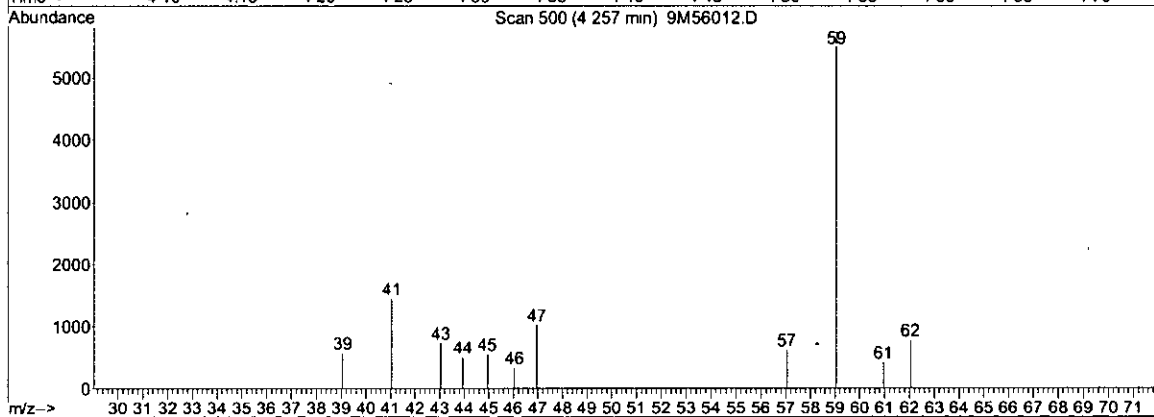
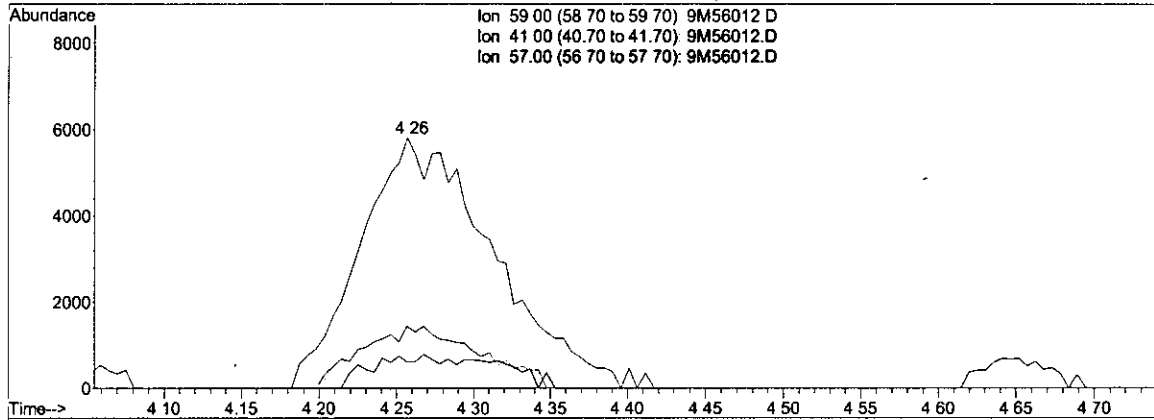
Quant Results File: temp.res

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

*my signature**his signature*

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

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-Chloropropane	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

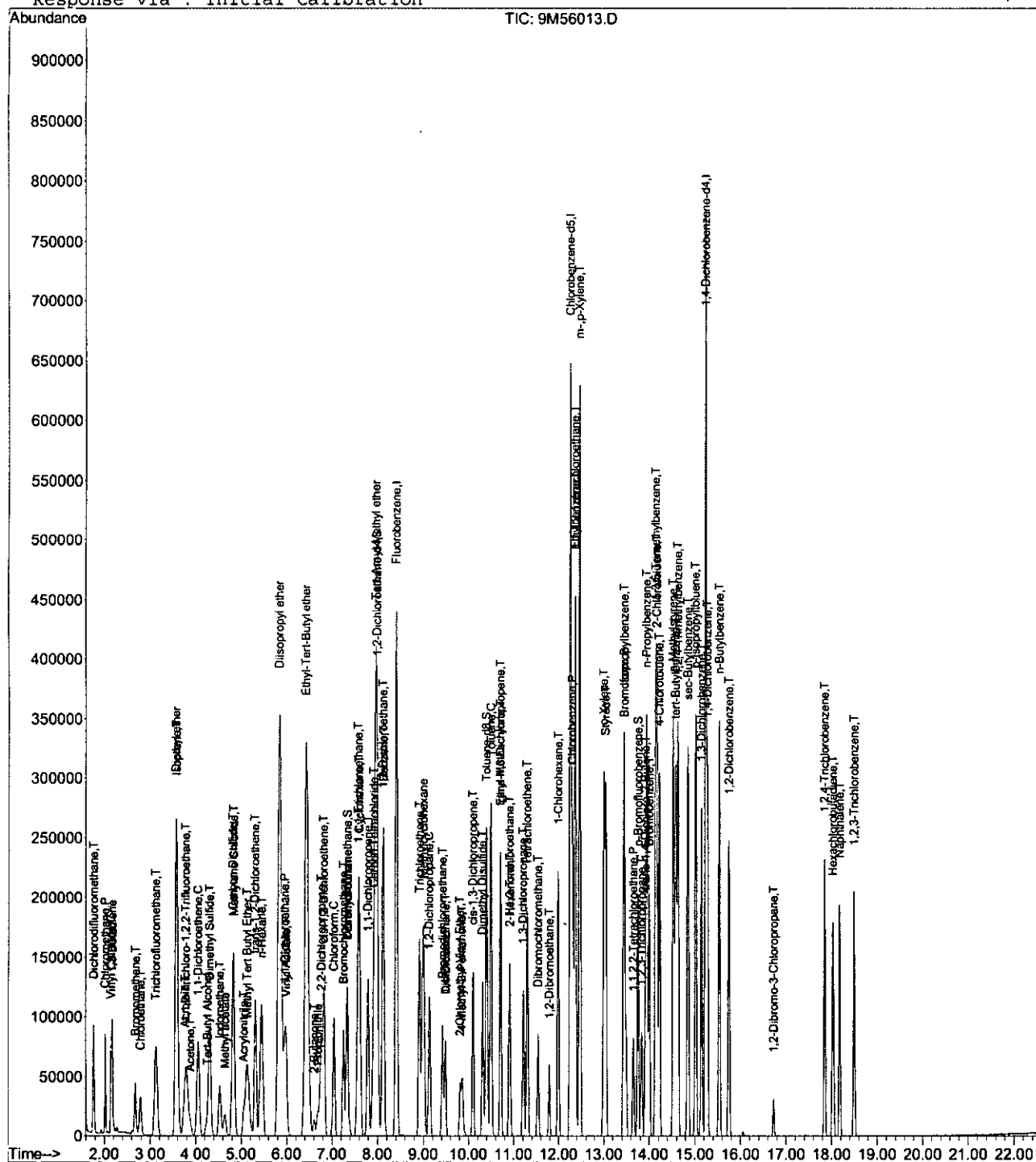
(#) = qualifier out of range (m) = manual integration
9M56013.D 826_SLST.M Wed Aug 15 16:23:09 2007

Data File : C:\MSDCHEM\1\DATA\081407\9MS6013.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

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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 17:25:57 2007
Response via : Initial Calibration
```



9M56013.D 826 SLST.M

Wed Aug 15 16:23:17 2007

Page 3

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

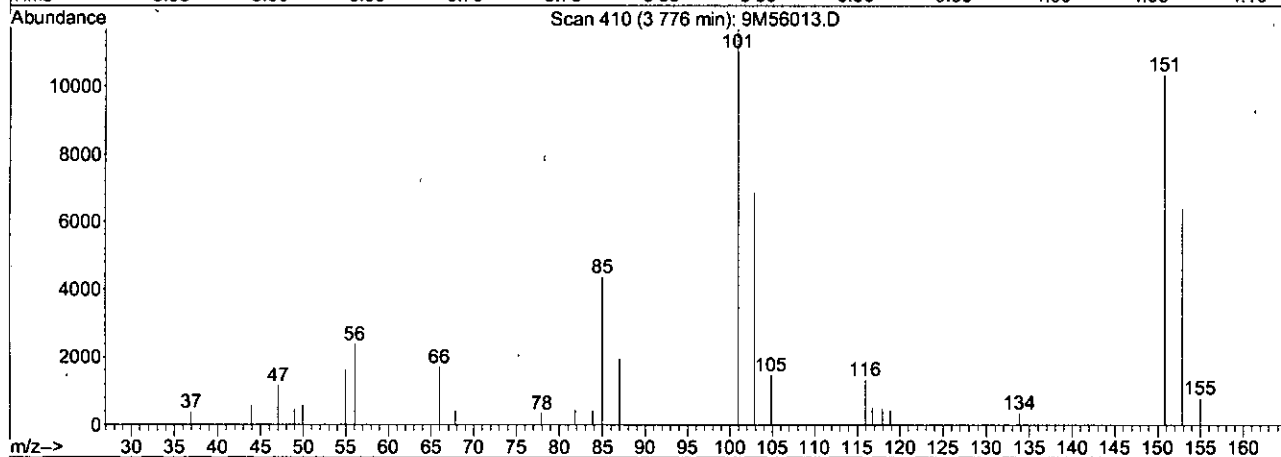
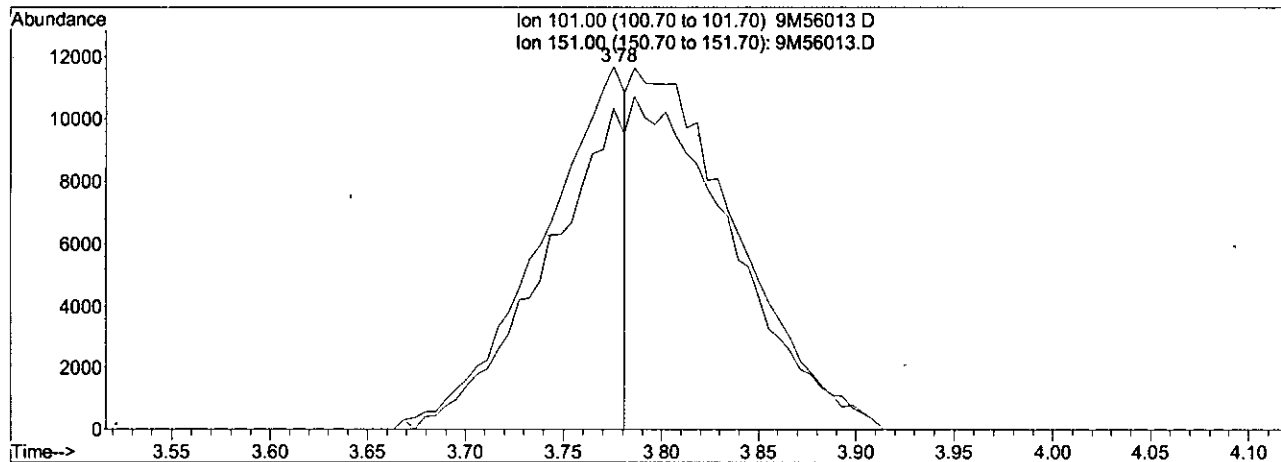
Quant Results File: temp.res

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-Tnfluoroethane (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

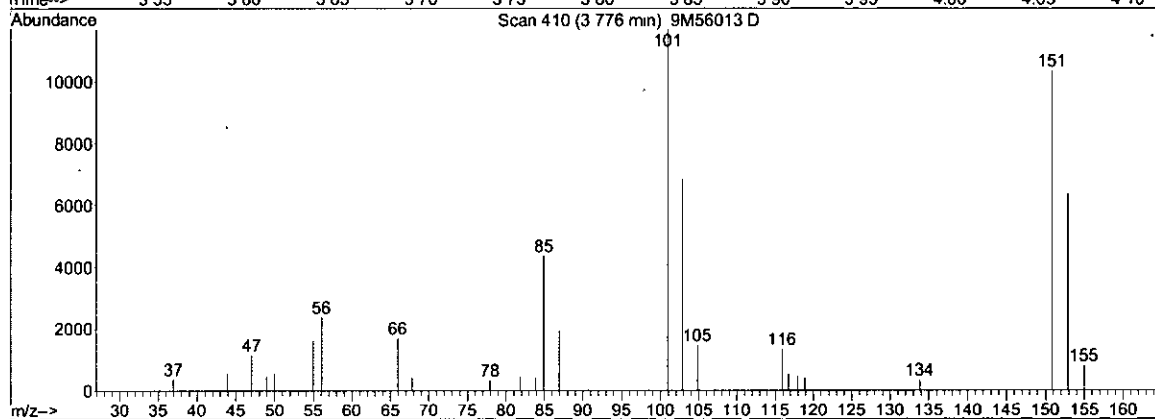
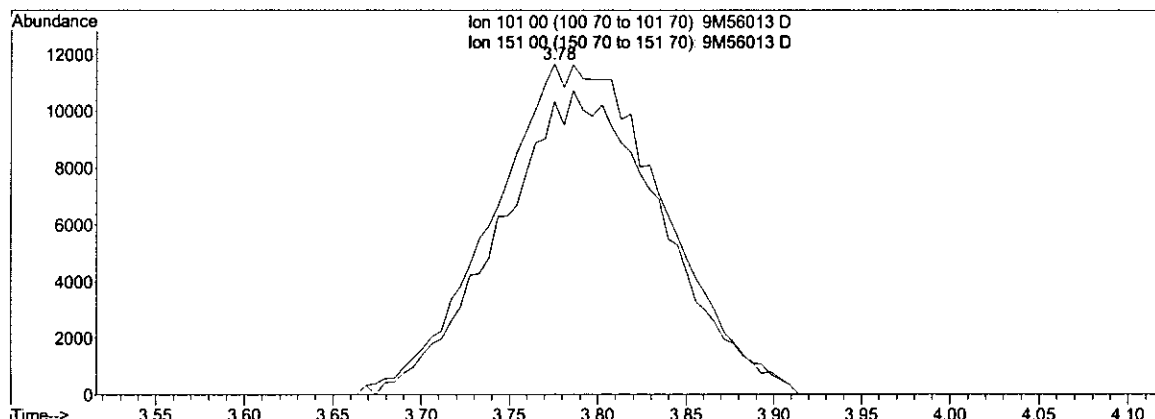
Quant Results File: temp.res

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
000	000	000
000	000	000

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>my signature</i>	<i>Supervisor 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	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

Vial: 8
Operator: MES
Inst : HPMS9
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

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-Buten	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

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 2007

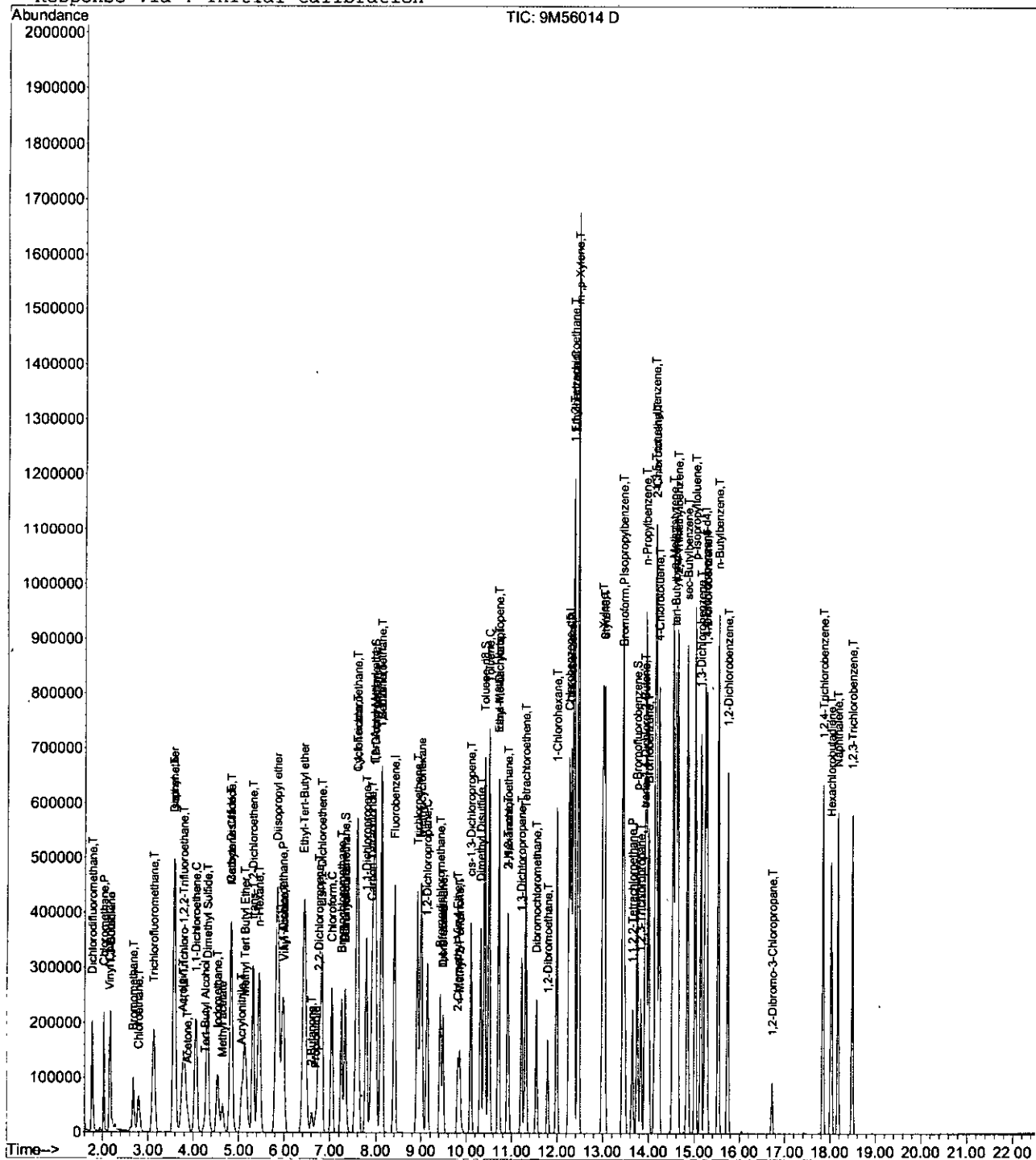
Quant Results File: 826_SLST.RES

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



9M56014.D 826_SLST.M

Wed Aug 15 16:23:36 2007

Page 3

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	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
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-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

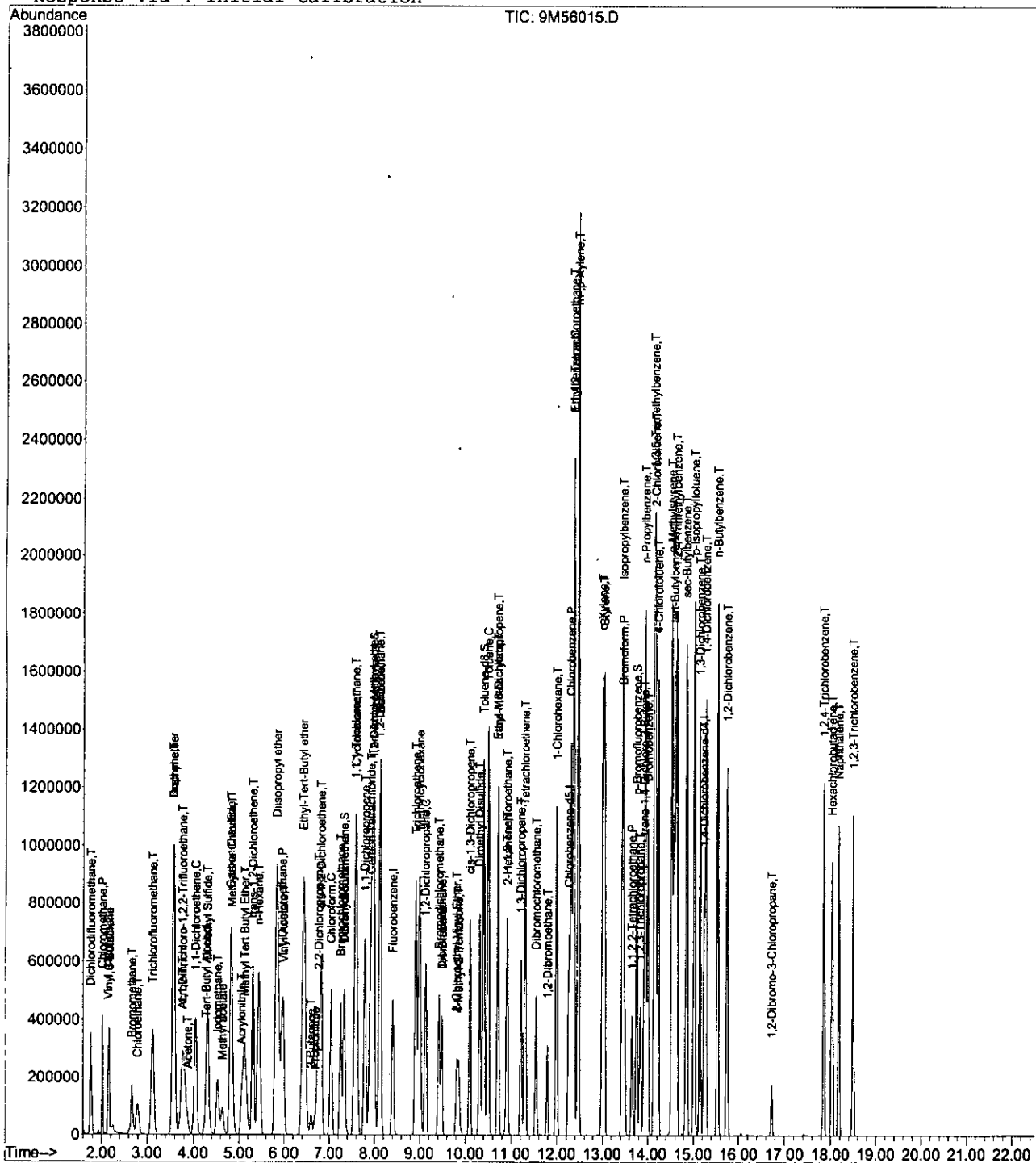
(#) = qualifier out of range (m) = manual integration
9M56015.D 826_SLST.M Wed Aug 15 16:23:46 2007

Data File : C:\MSDCHEM\1\DATA\081407\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
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

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-Buten	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

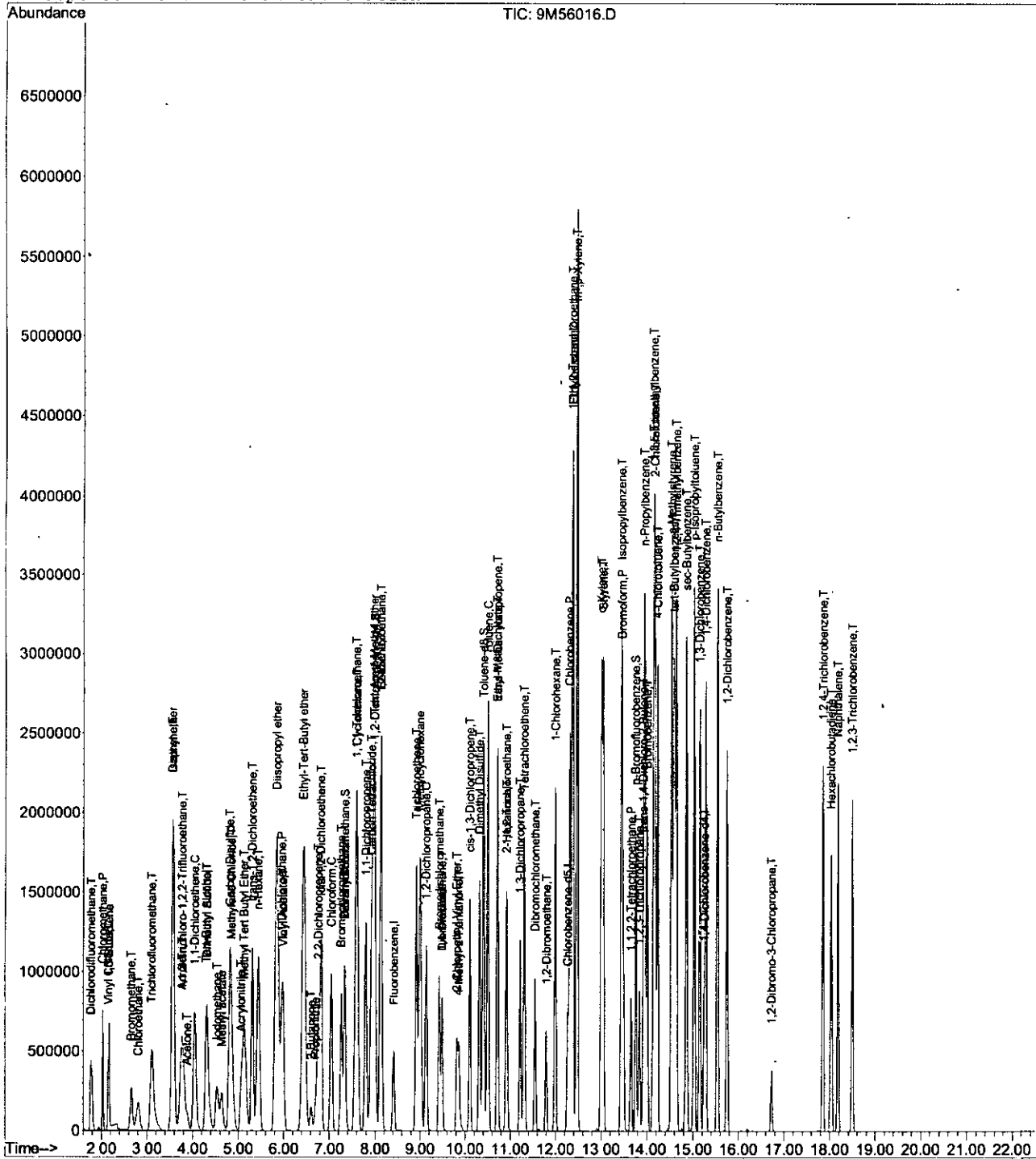
(#) = qualifier out of range (m) = manual integration
9M56016.D 826_SLST.M Tue Aug 14 16:18:31 2007

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

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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

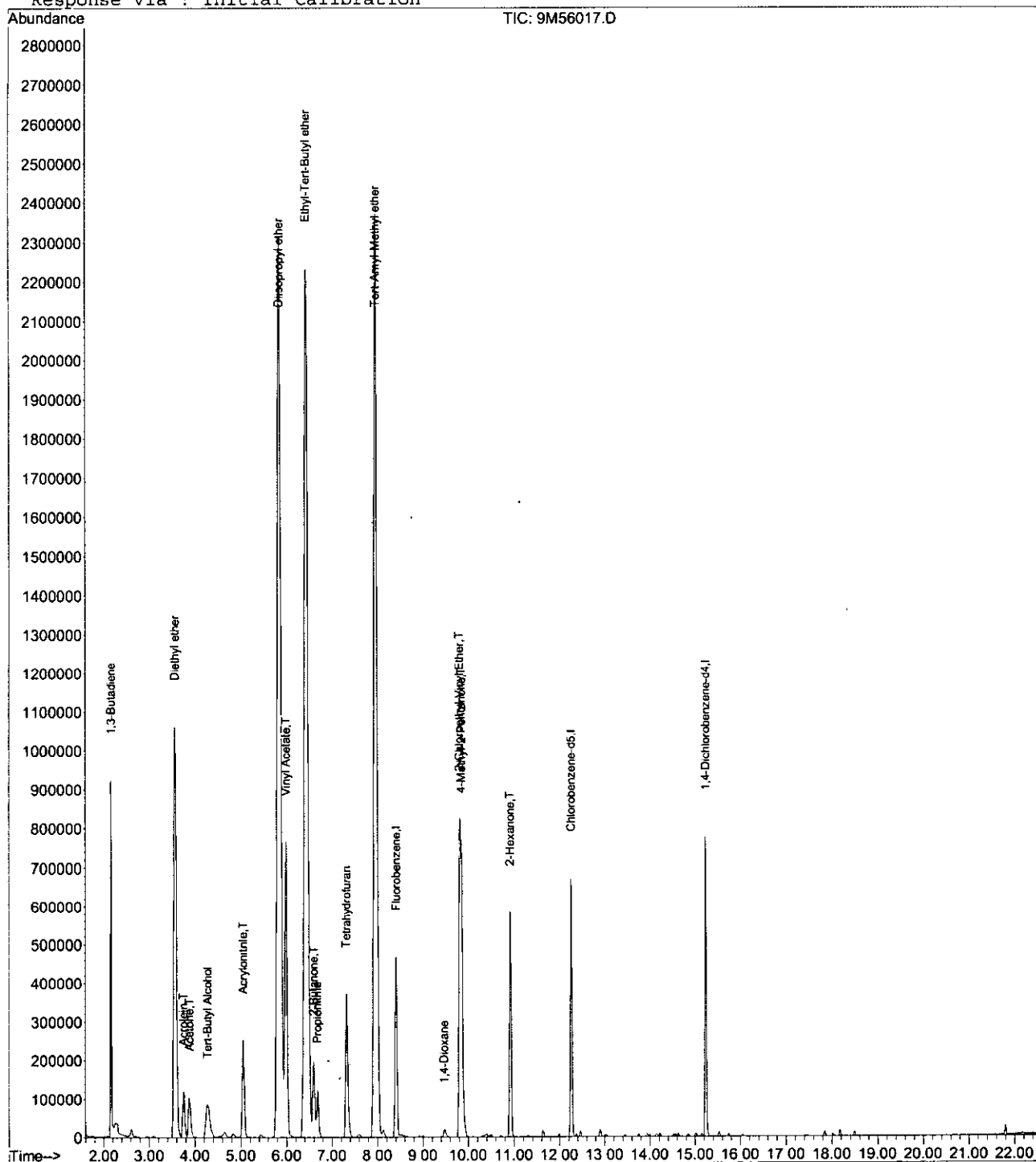
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 9M56017.D 826_SLST.M Tue Aug 14 16:52:30 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56017.D
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

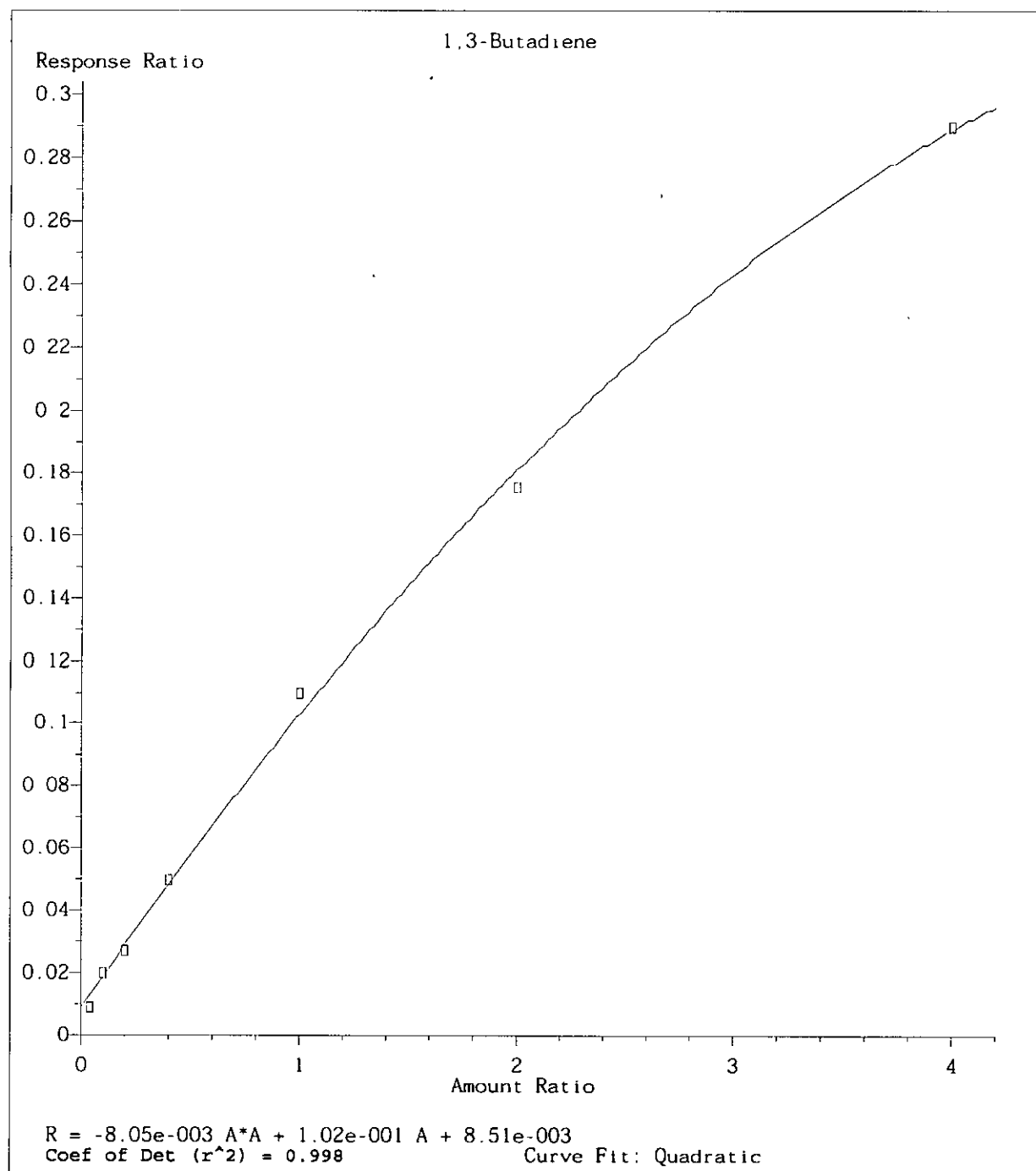
Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Tue Aug 14 16:21:45 2007
Response via : Initial Calibration



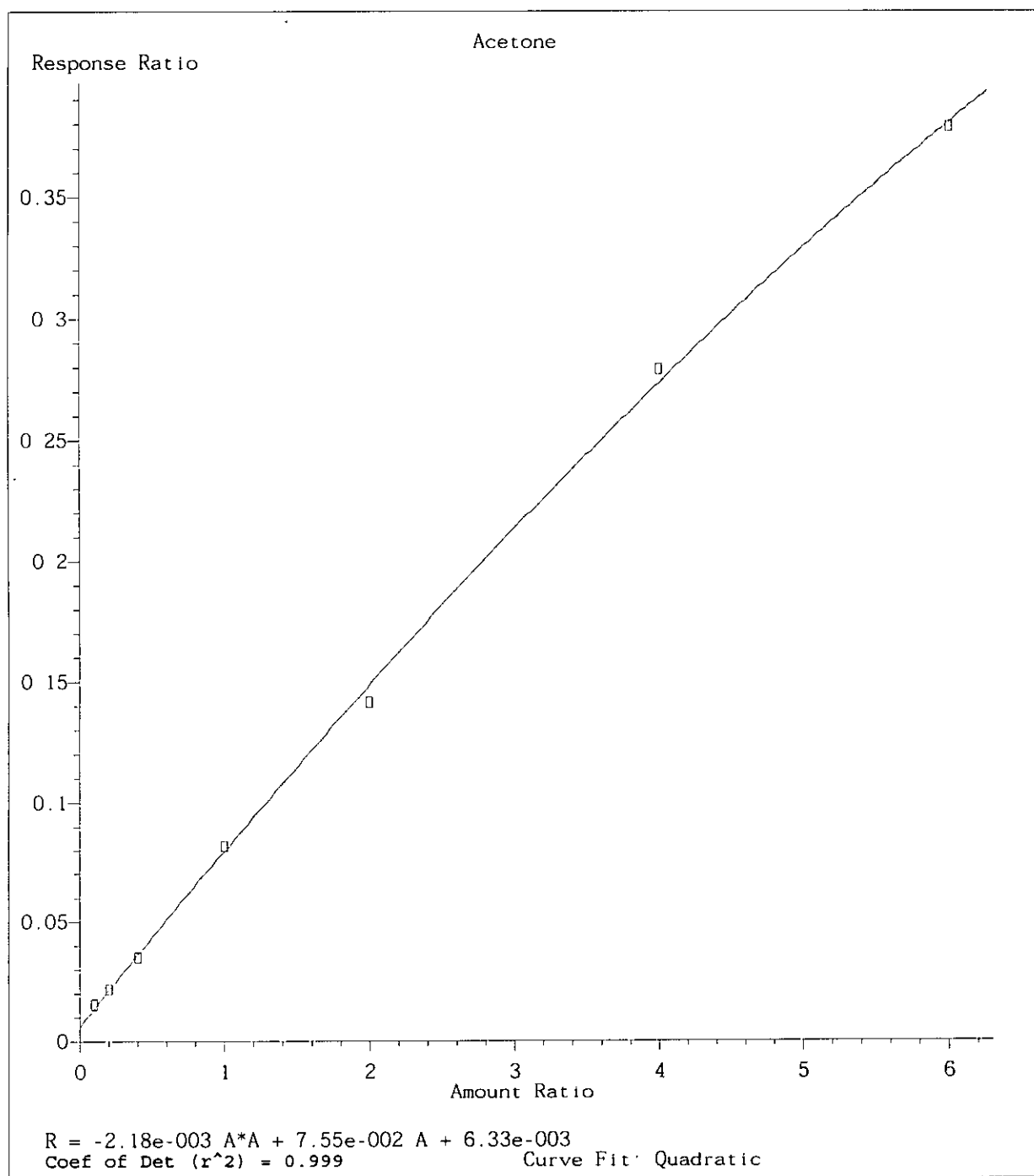
9M56017.D 826_SLST.M

Tue Aug 14 16:52:31 2007

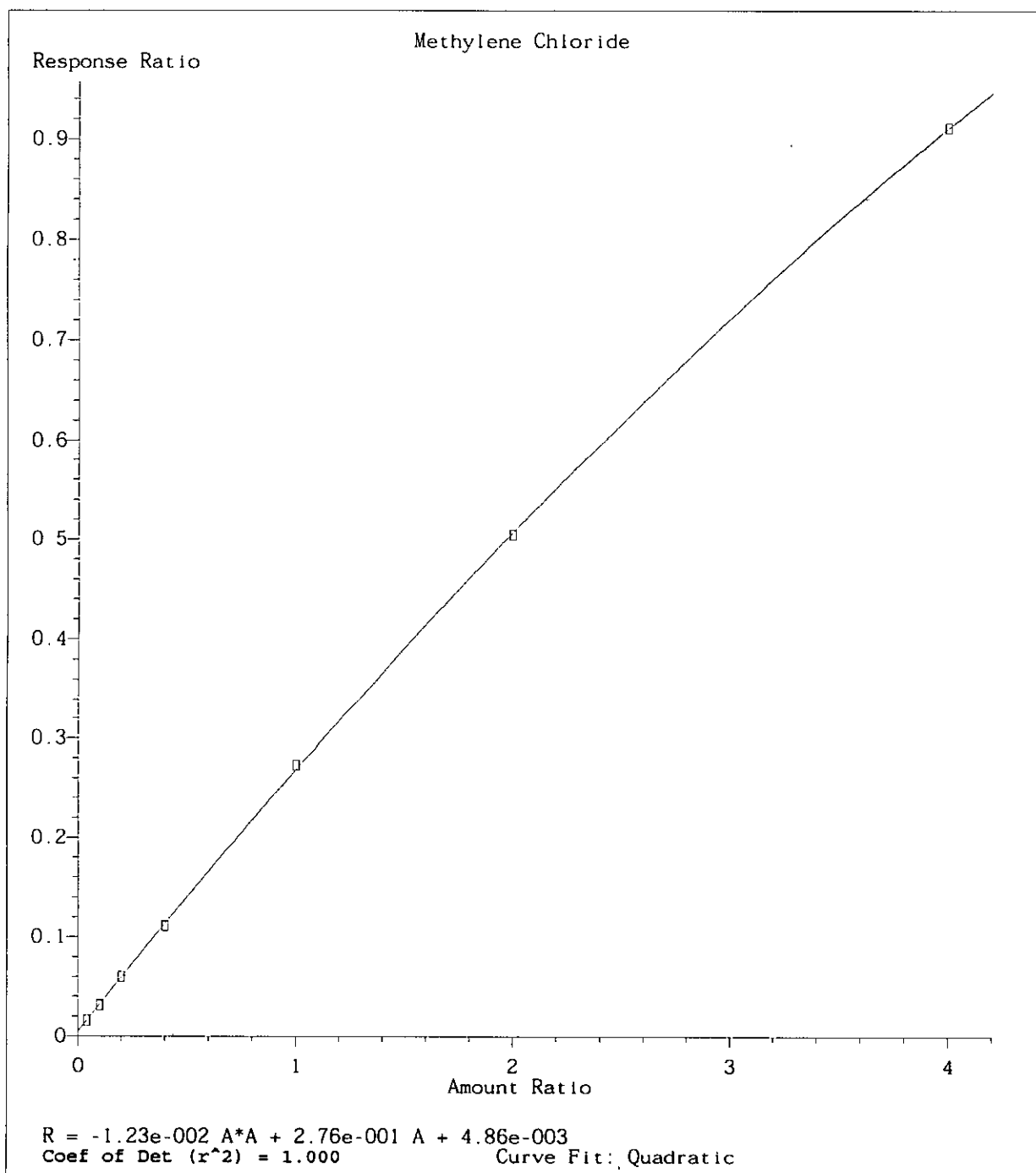
Page 2



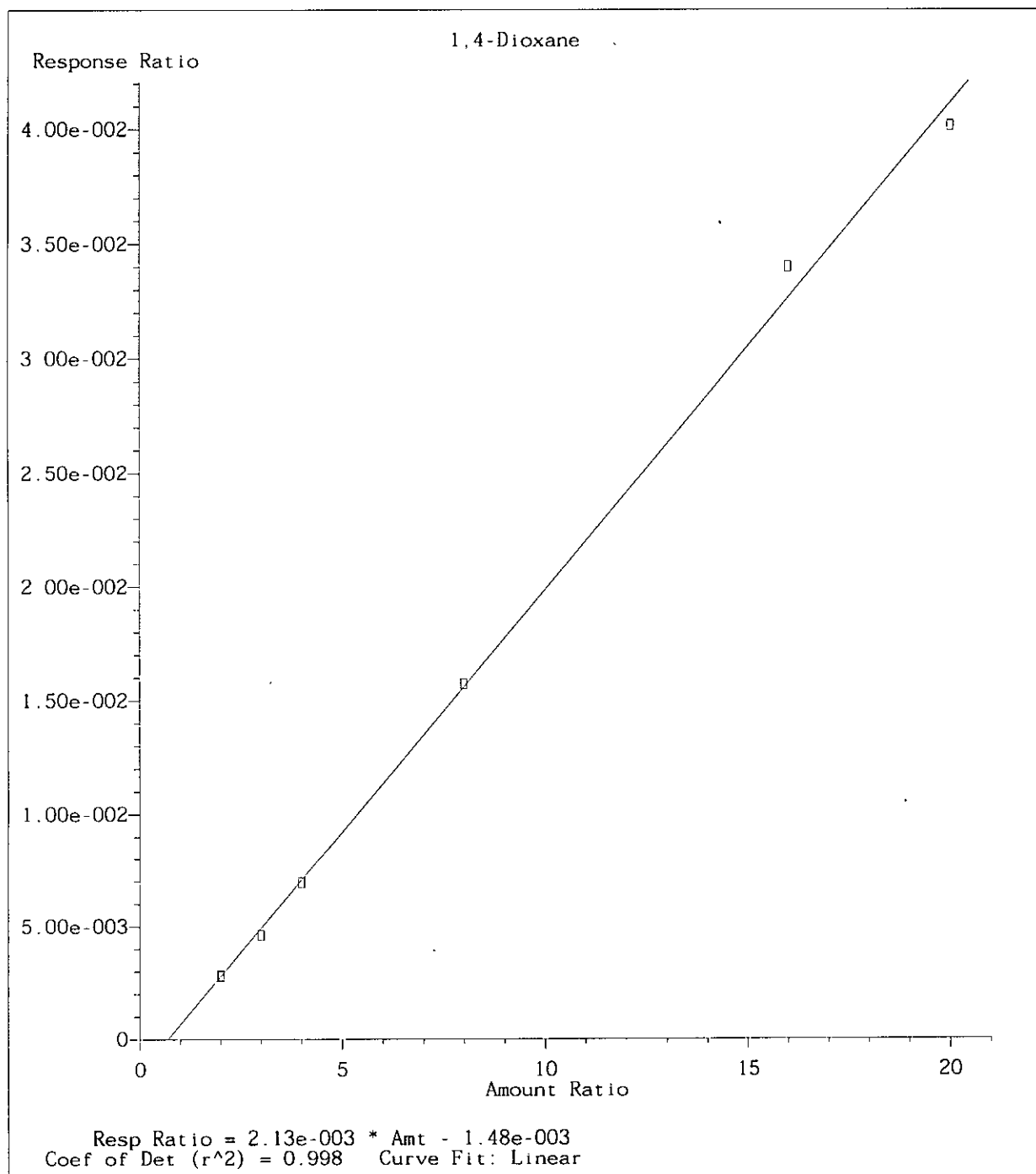
Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



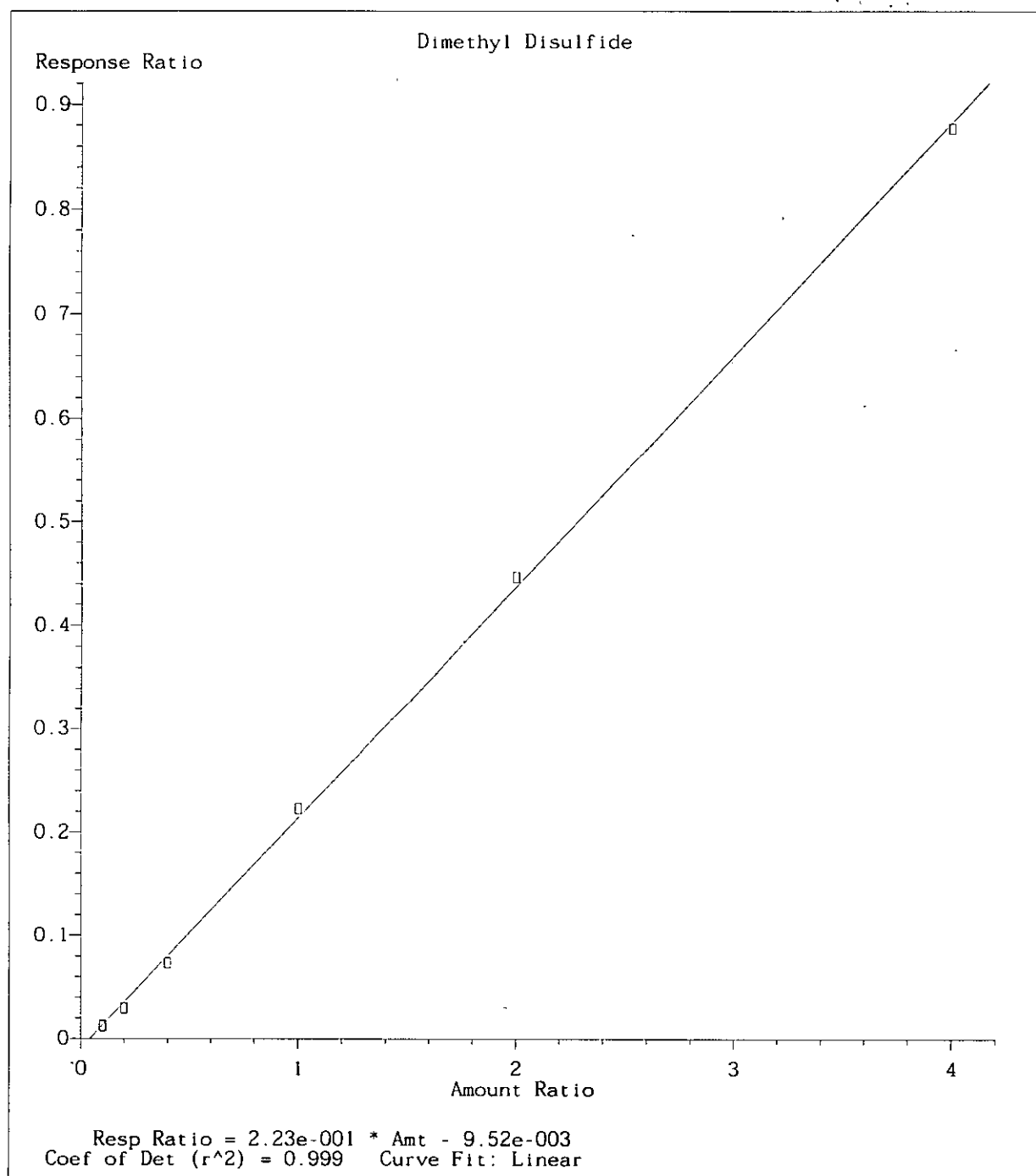
Method Name: C:\MSDCHEM\1\METHODS\826_SLST.M
Calibration Table Last Updated Tue Aug 14 17 25:57 2007



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

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

Data File : C:\MSDCHEM\1\data\081407\9M56020.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 18:23:46 2007

Vial: 14
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
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\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

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MS Integration Params: RTEINT.P
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Quant Time: Aug 14 18:23 2007

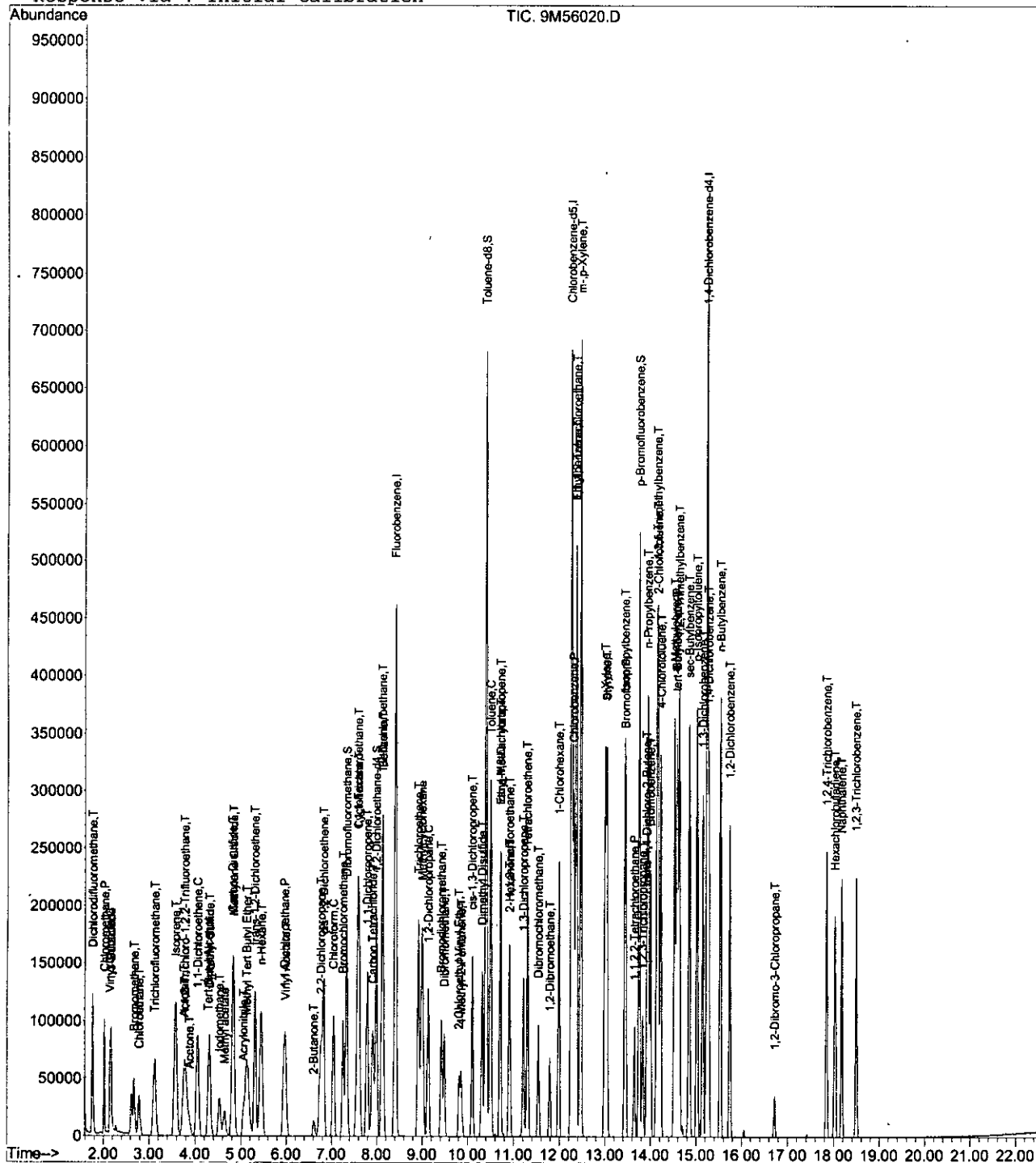
Quant Results File: 826 SLST.RES

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

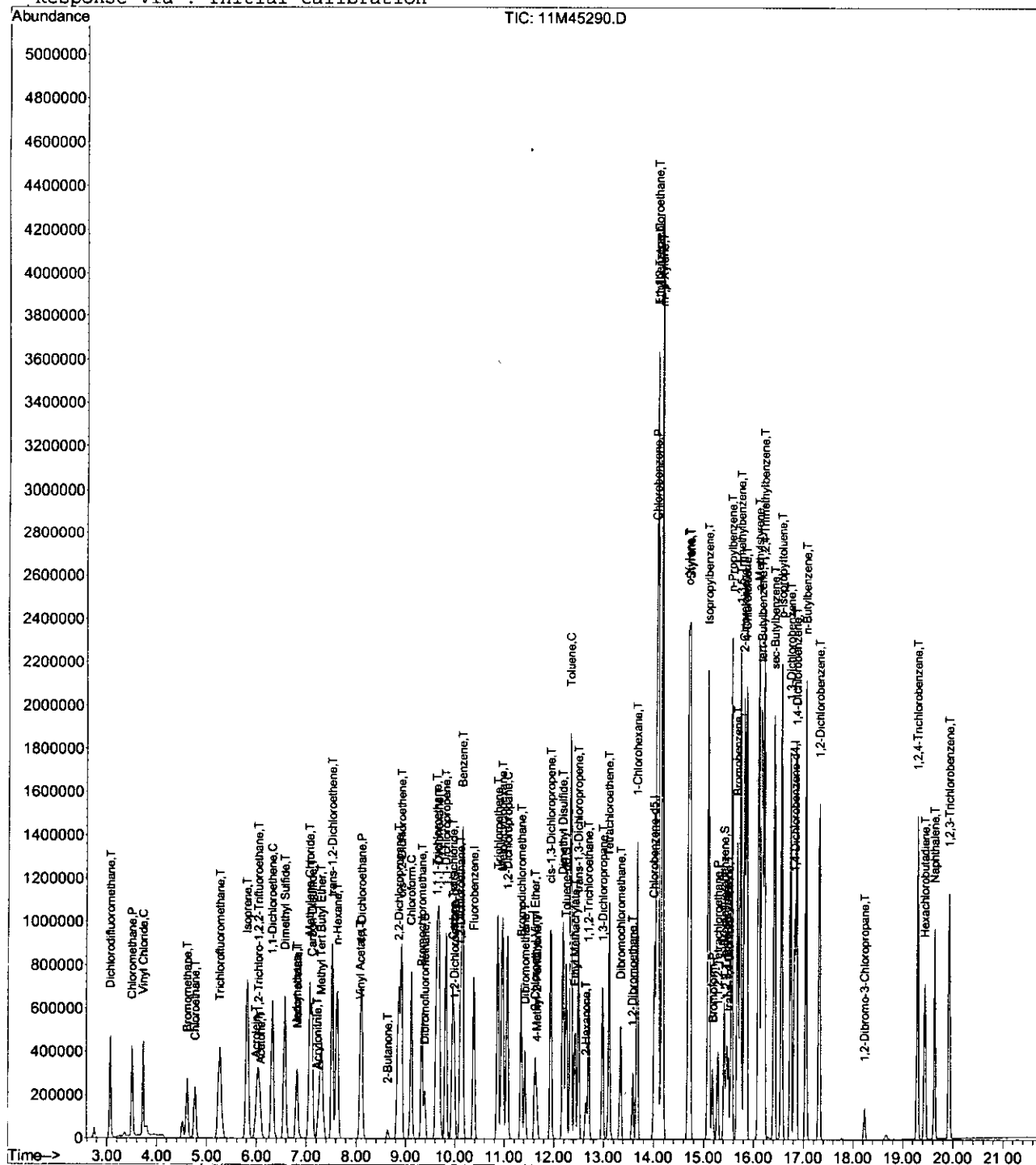
Quant Results File: 8260WT.RES

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



11M45290.D 8260WT.M

Wed Sep 12 12:14:04 2007

Page 3

Data File : C:\MSDCHEM\1\data\091007\9M56636.D
 Acq On : 10 Sep 2007 10:03
 Sample : WG249680-02 50ug/Kg SOIL STD 8260
 Misc : 7,1 STD21737
 MS Integration Params: RTEINT.P
 Quant Time: Sep 10 10:25:45 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	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

					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

9511172

Quantitation Report (Not Reviewed)

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

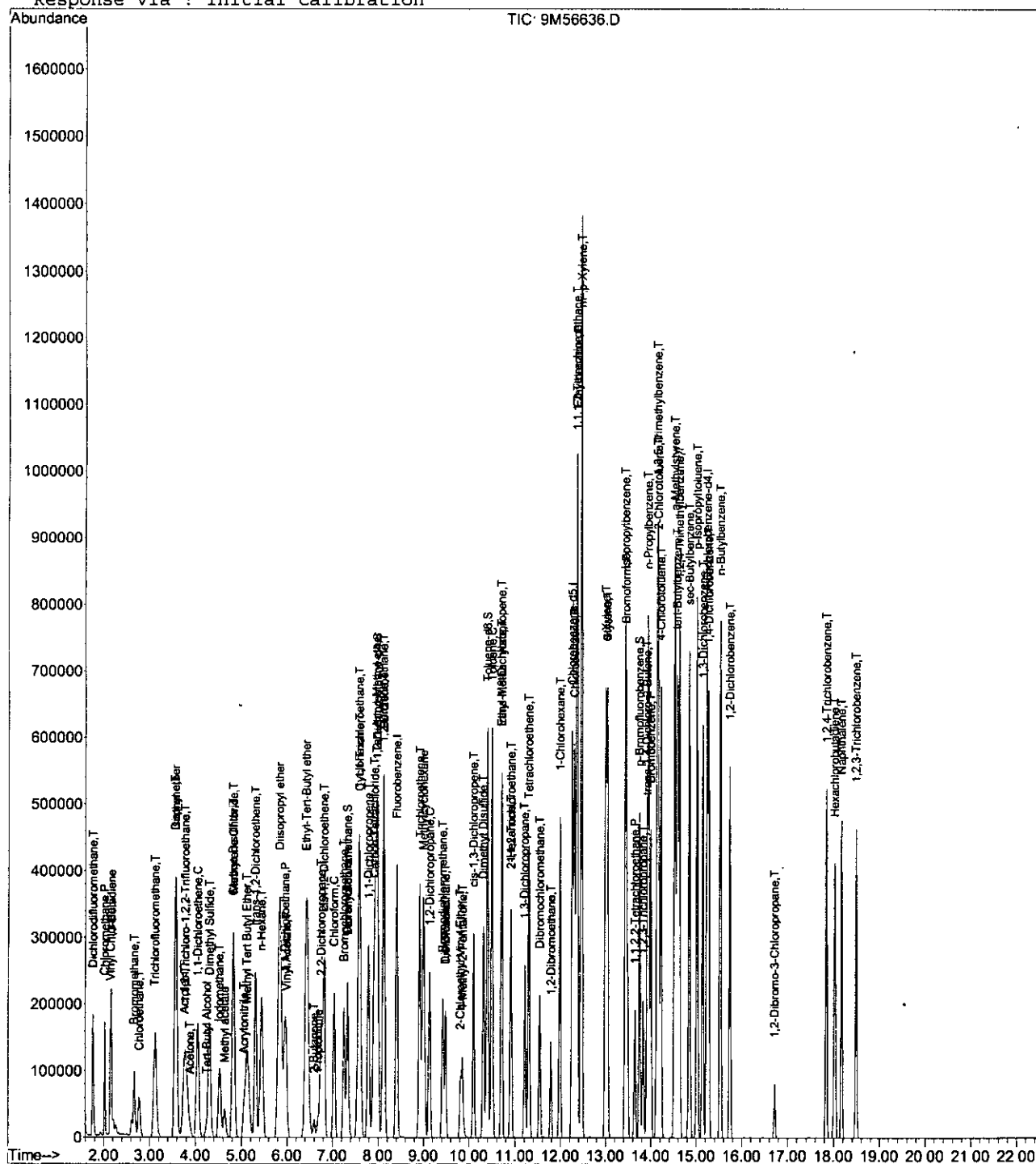
Page 2

Data File : C:\MSDCHEM\1\data\091007\9MS56636.D
Acq On : 10 Sep 2007 10:03
Sample : WG249680-02 50ug/Kg SOIL STD 8260
Misc : 7,1 STD21737
MS Integration Params: RTEINT.P
Quant Time: Sep 10 10:25 2007

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 : Thu Aug 30 14:04:45 2007
Response via : Initial Calibration



9M56636.D 826 SLST.M

Mon Sep 10 10:25:49 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

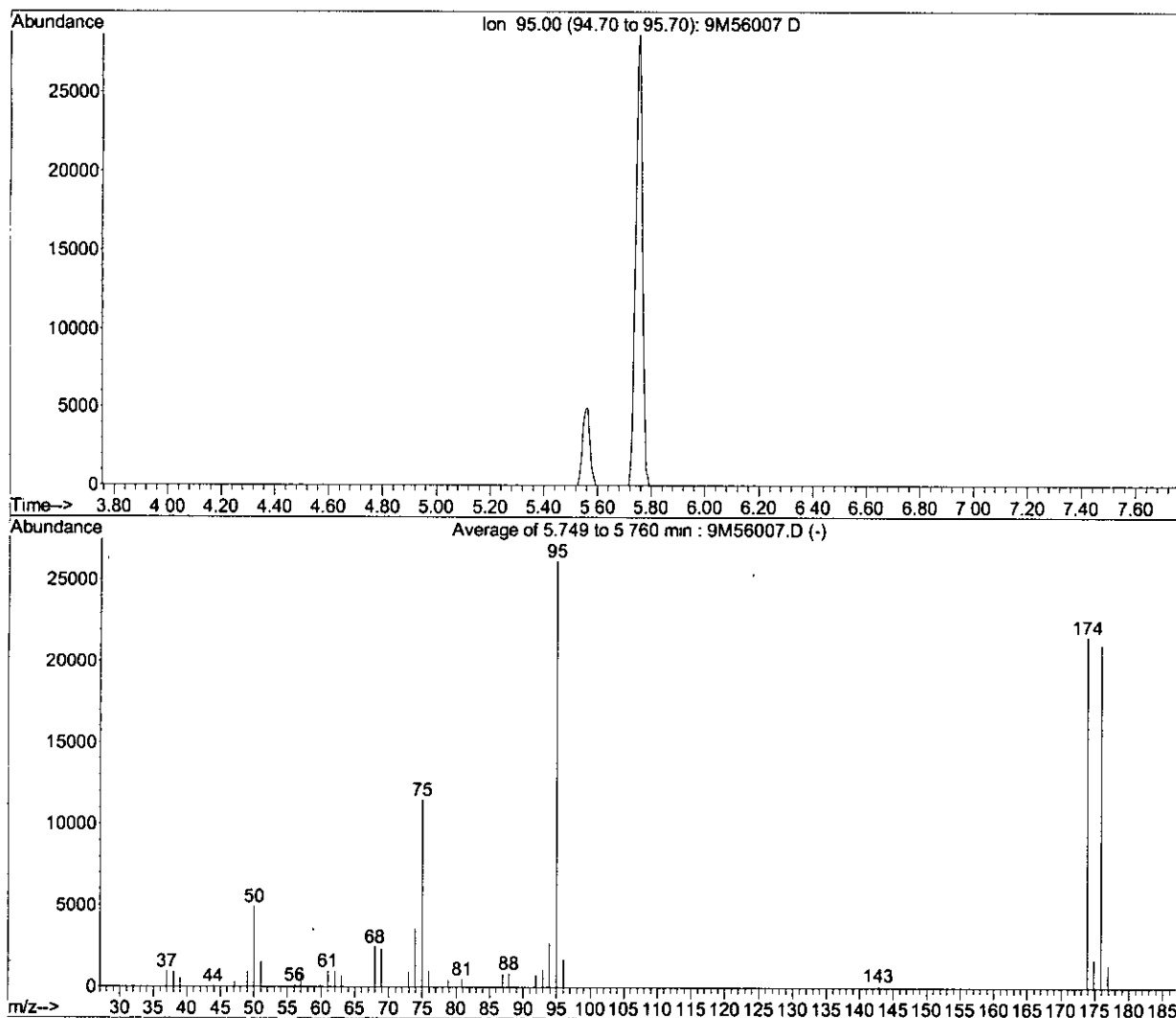
Misc : 7,1 STD21056

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

9511176

BFB

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

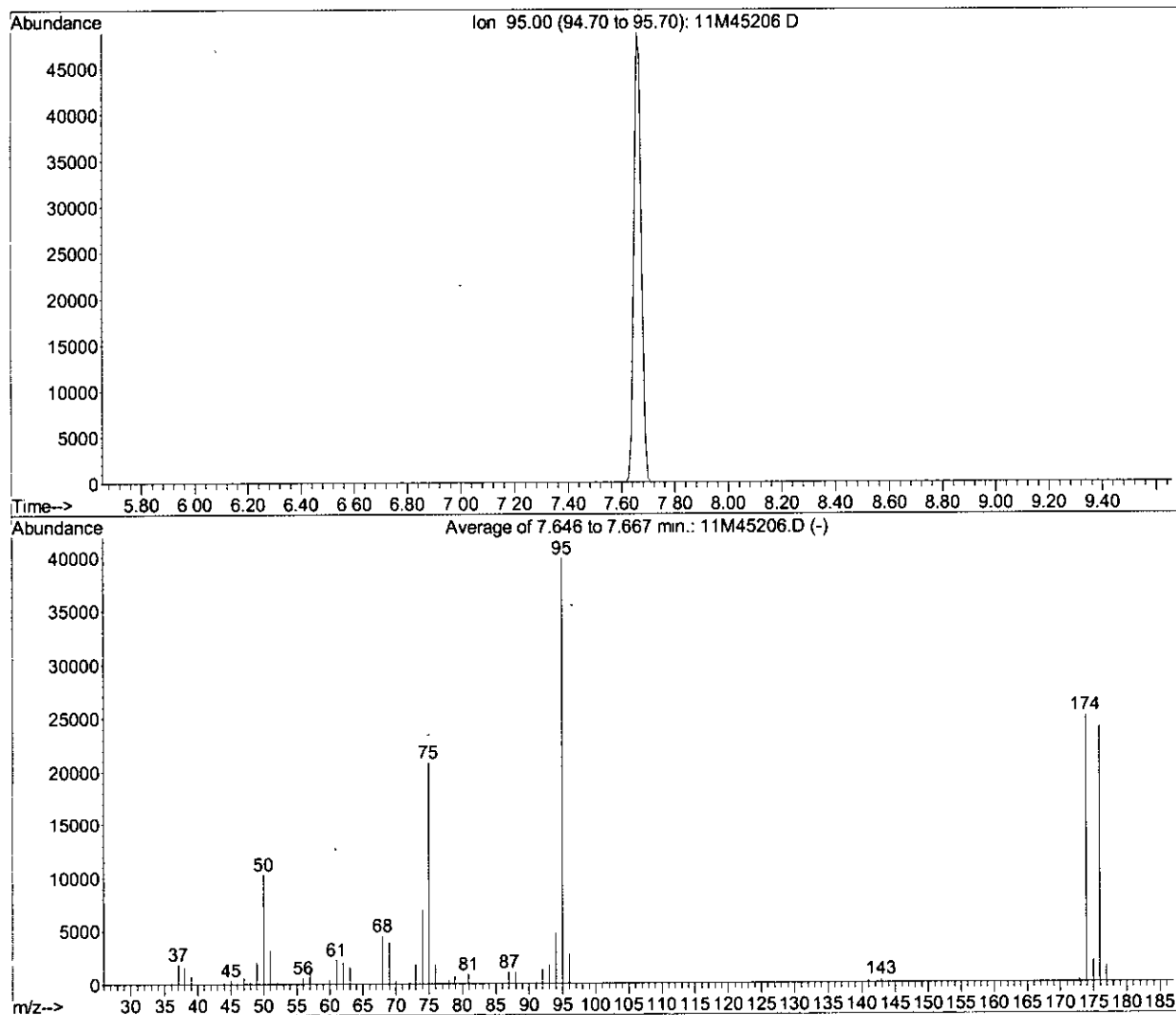
Misc : 1,1 STD21685

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

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

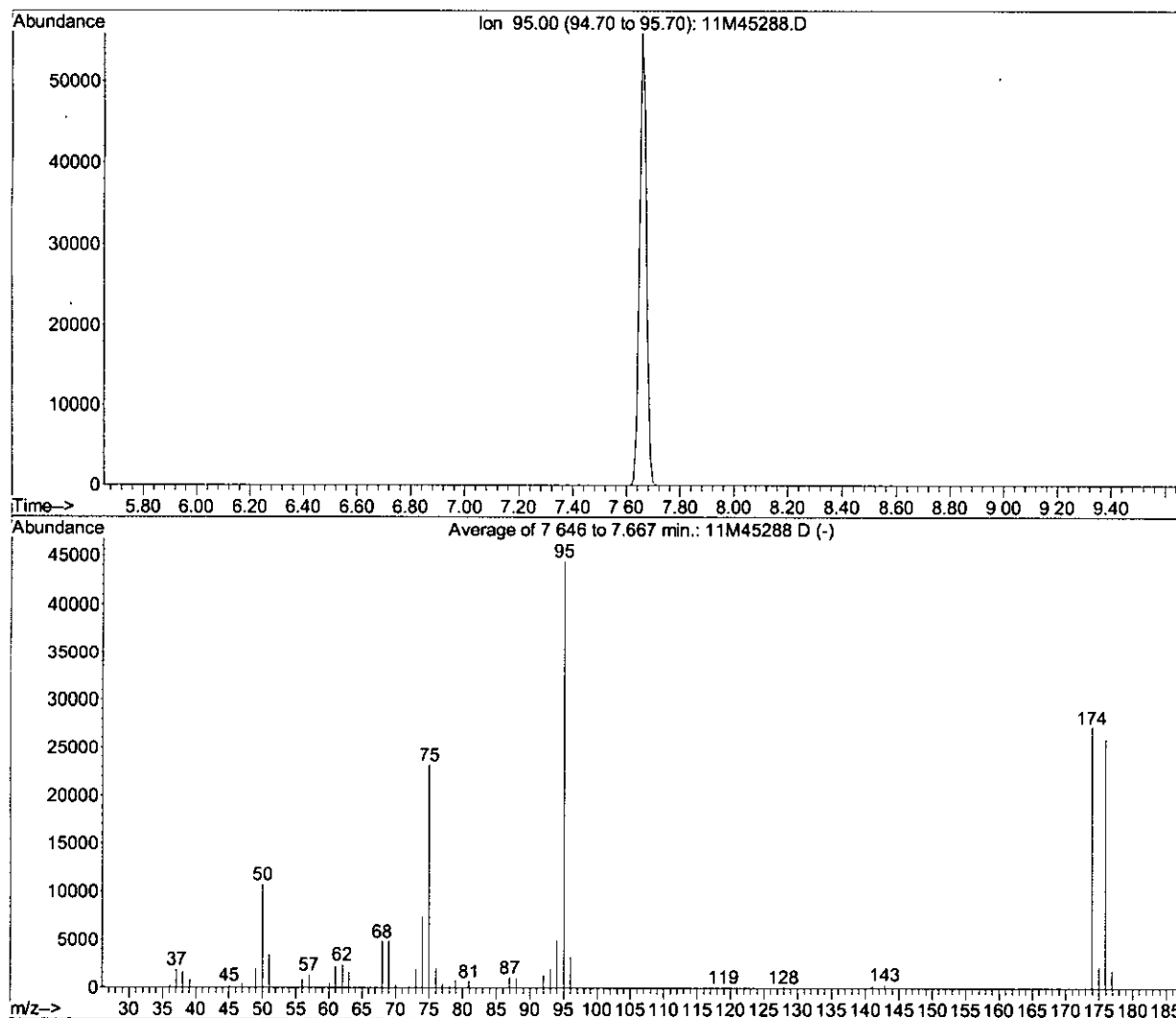
Misc : 1,1 STD21685

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

9511178

BFB

Data File : C:\MSDCHEM\1\DATA\091007\9M56634.D

Vial: 1 .

Acq On : 10 Sep 2007 9:07

Operator: MES

Sample : WG249680-01 50NG BFB STD 8260

Inst : HPMS9

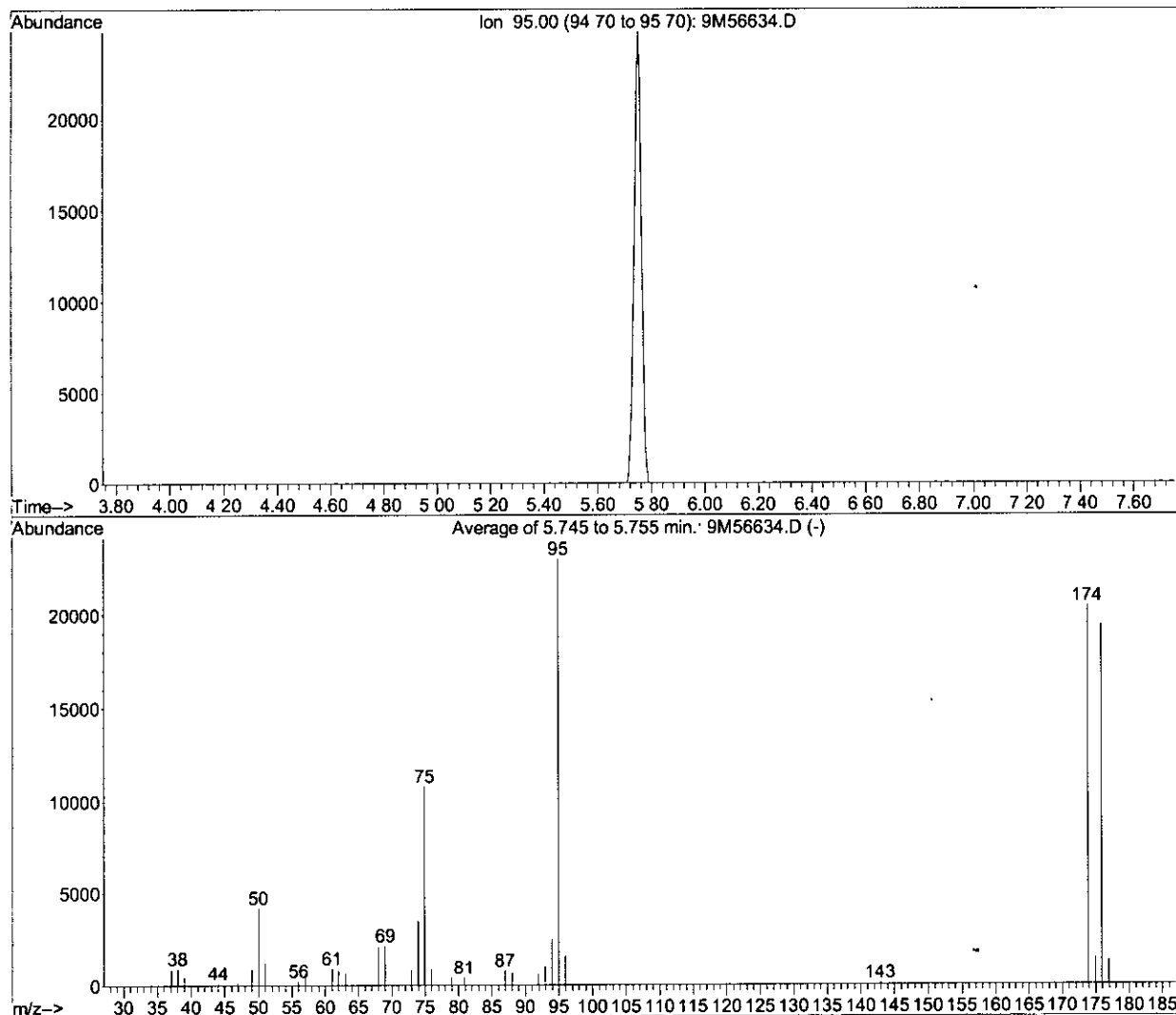
Misc : 7,1 STD21685

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	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\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

9511180

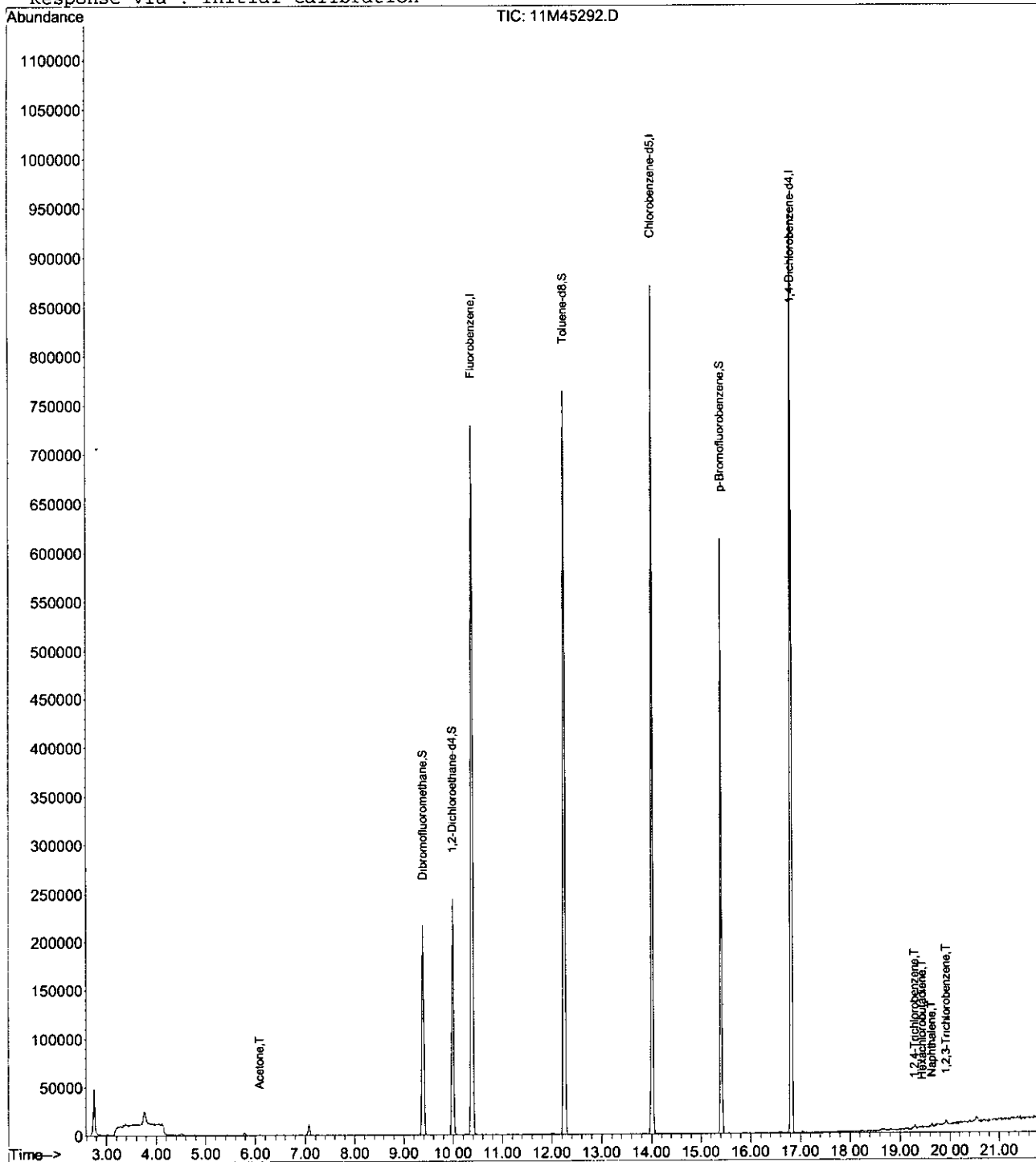
Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090807\11M45292.D
Acq On : 8 Sep 2007 16:42
Sample : WG249650-01 VBLK0908 BLANK 8260
Misc : 1,1
MS Integration Params: rteint.p
Quant Time: Sep 8 17:04 2007

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

Quant Results File: 8260WT.RES

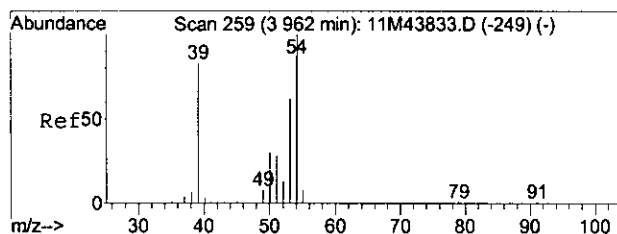
Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 Water Analysis 09/05/07 HPMS 11
Last Update : Thu Sep 06 14:39:42 2007
Response via : Initial Calibration



11M45292.D 8260WT.M

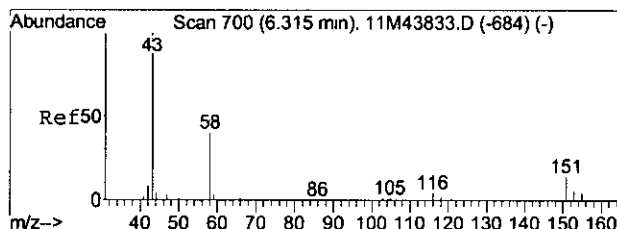
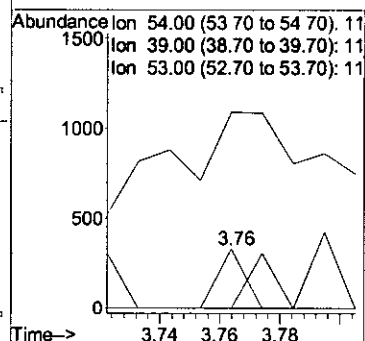
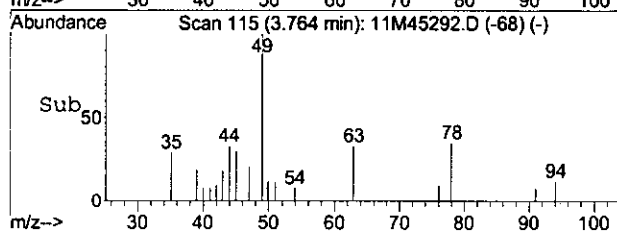
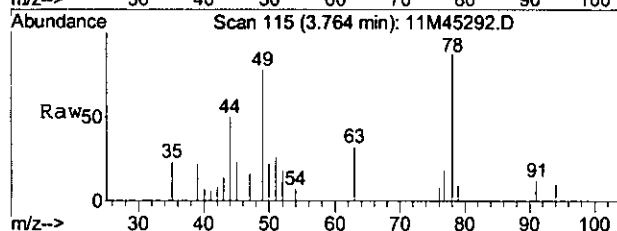
Sat Sep 08 17:04:15 2007

Page 2



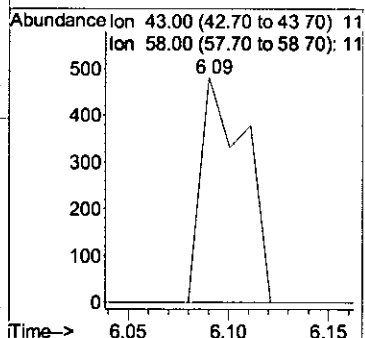
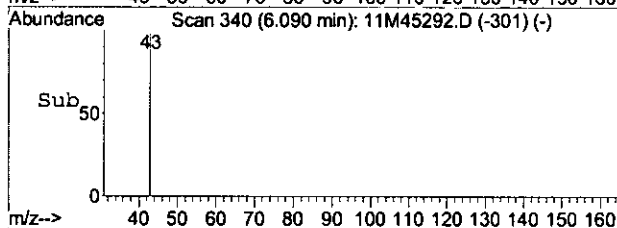
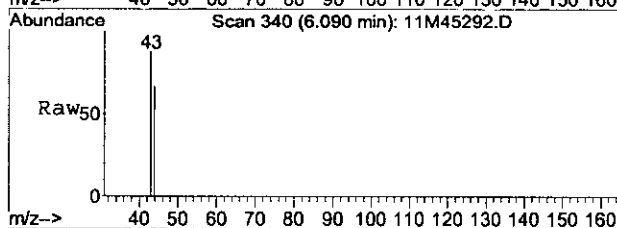
#5
1,3-Butadiene
Concen: Below Cal
RT: 3.76 min Scan# 115
Delta R.T. -0.01 min
Lab File: 11M45292.D
Acq: 8 Sep 2007 16:42

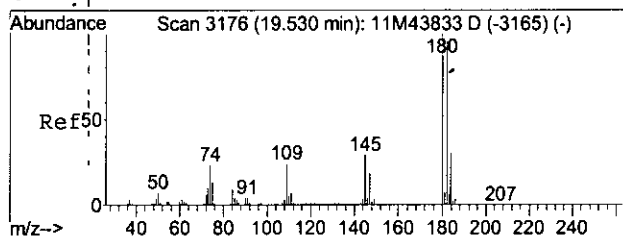
Tgt Ion: 54 Resp: 205
Ion Ratio Lower Upper
54 100
39 2499.5 48.9 114.1#
53 92.2 40.8 95.2



#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

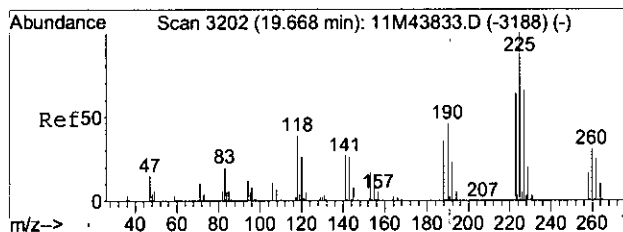
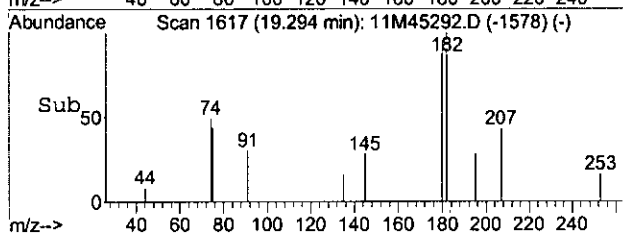
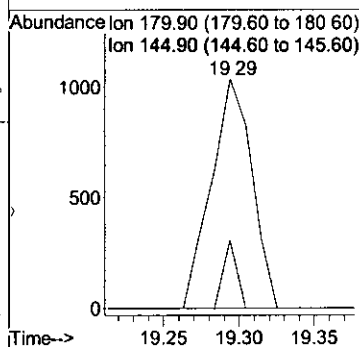
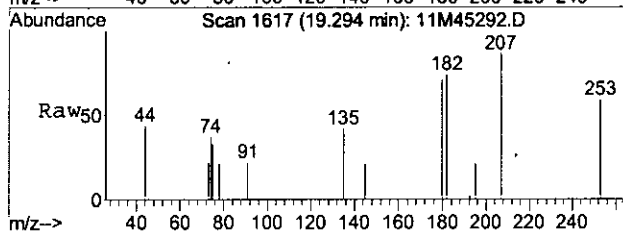
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 0.0 17.2 40.0#





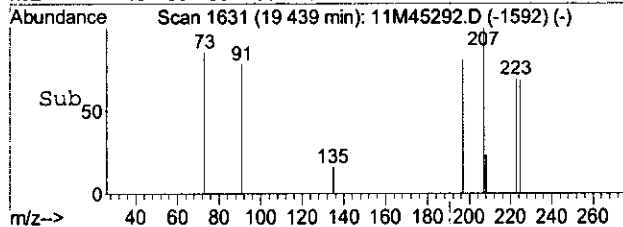
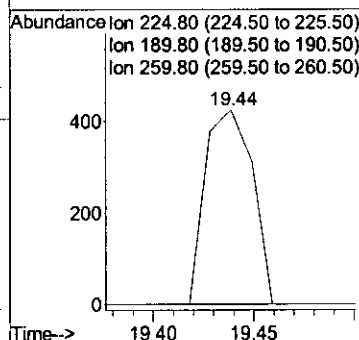
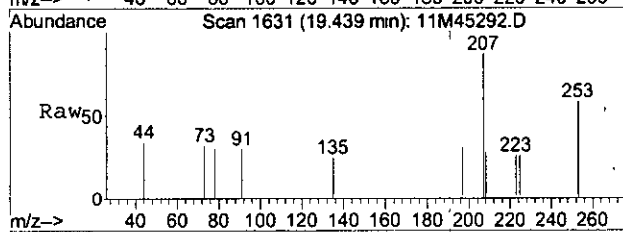
#95
1,2,4-Trichlorobenzene
Concen: 0.3506 ug/L
RT: 19.29 min Scan# 1617
Delta R.T. 0.00 min
Lab File: 11M45292.D
Acq: 8 Sep 2007 16:42

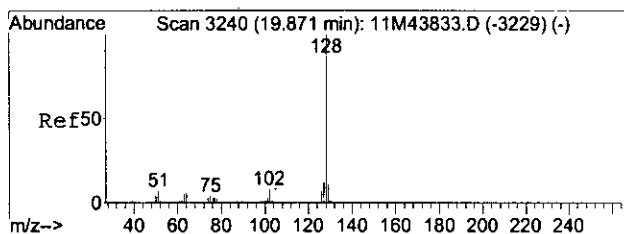
Tgt Ion: 180 Resp: 1939
Ion Ratio Lower Upper
180 100
145 9.9 19.2 44.8#



#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

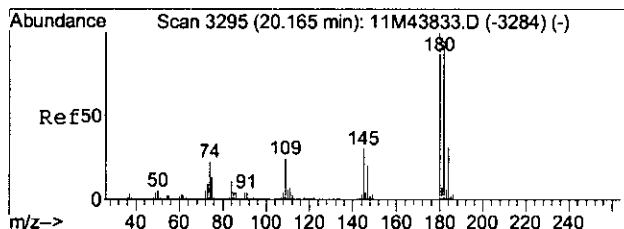
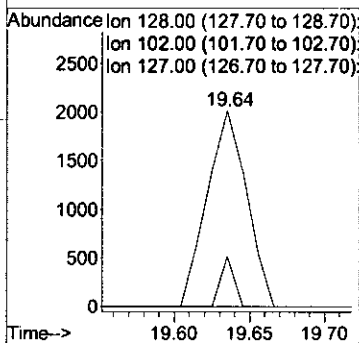
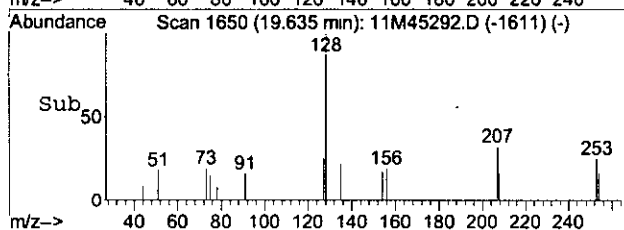
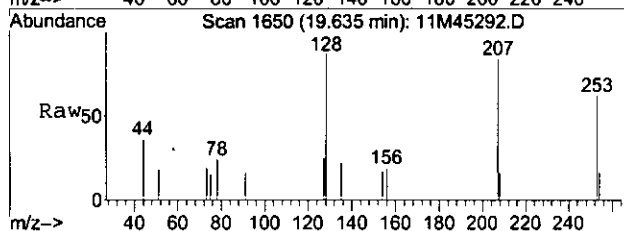
Tgt Ion: 225 Resp: 691
Ion Ratio Lower Upper
225 100
190 0.0 32.3 75.3#
260 0.0 15.5 36.1#





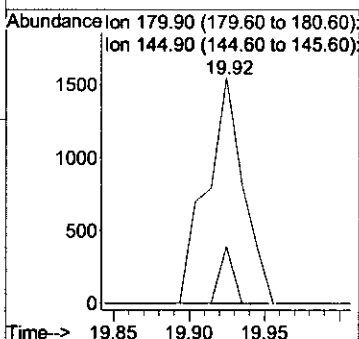
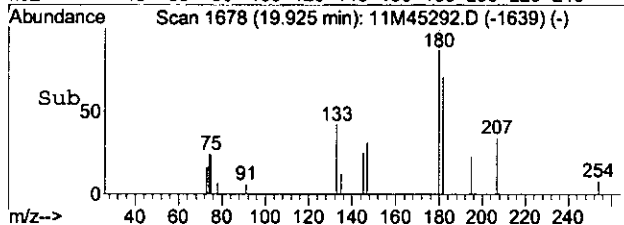
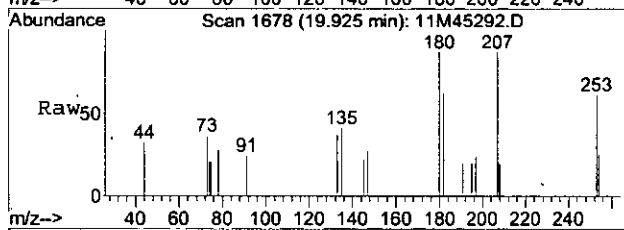
#97
Naphthalene
Concen: 0.3601 ug/L
RT: 19.64 min Scan# 1650
Delta R.T. 0.00 min
Lab File: 11M45292.D
Acq: 8 Sep 2007 16:42

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#



#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#



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						
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	

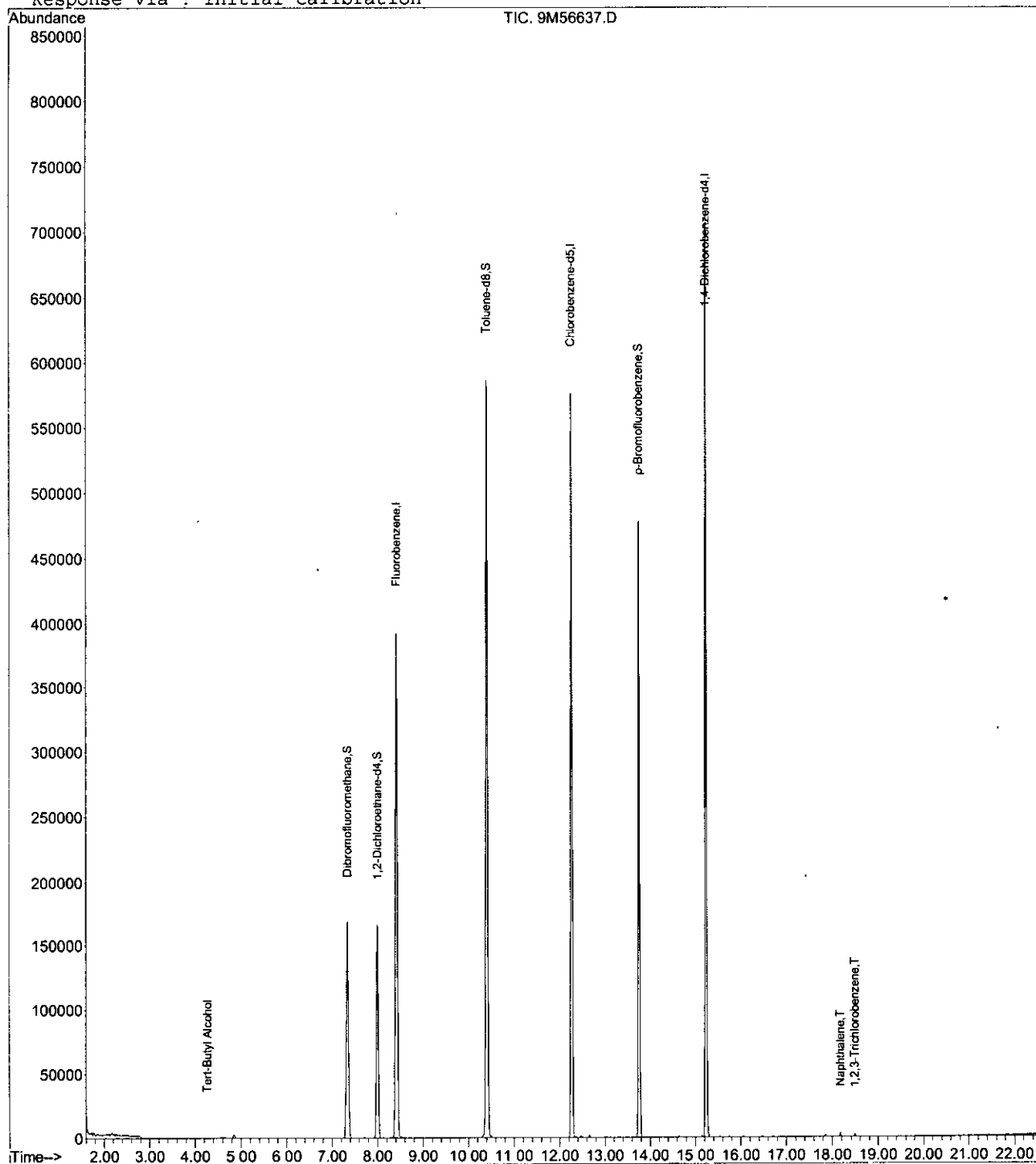
(#) = qualifier out of range (m) = manual integration
 9M56637.D 826_SLST.M Mon Sep 10 10:56:26 2007

Data File : C:\MSDchem\1\data\091007\9M56637.D
Acq On : 10 Sep 2007 10:33
Sample : WG249681-01 VBLK0910 BLANK 8260
Misc : 7,1
MS Integration Params: RTEINT.P
Quant Time: Sep 10 10:56 2007

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

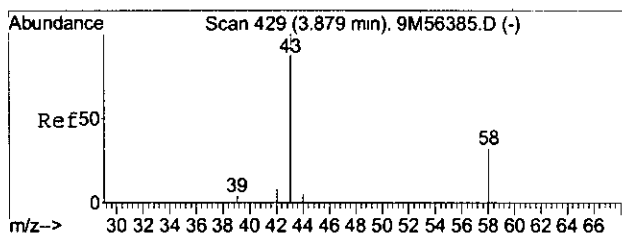
Quant Results File: 826_SLST.RES

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



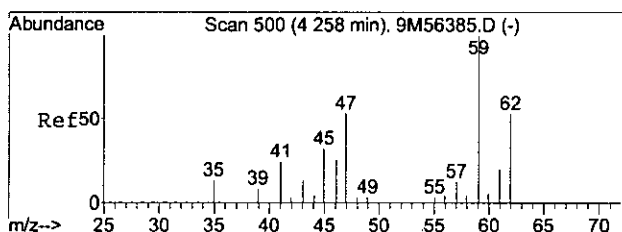
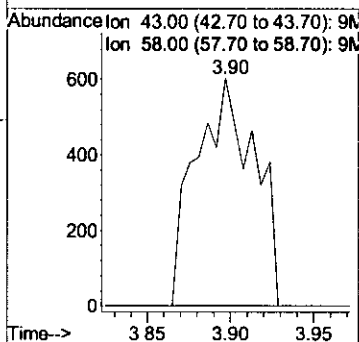
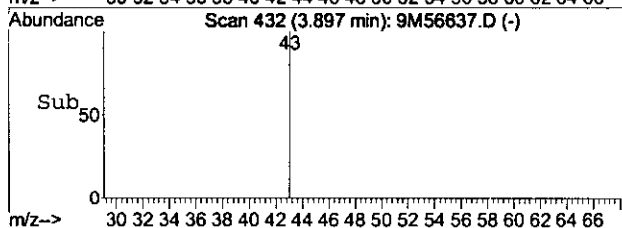
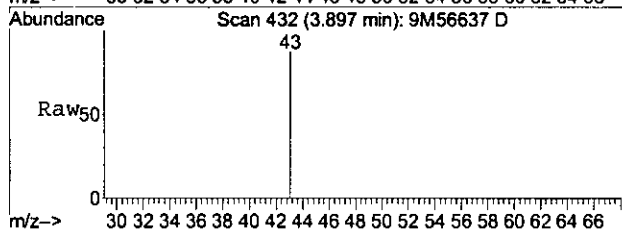
9M56637.D 826_SLST.M Mon Sep 10 10:56:32 2007

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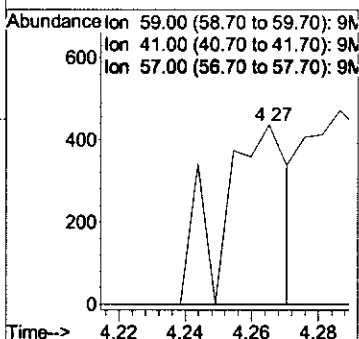
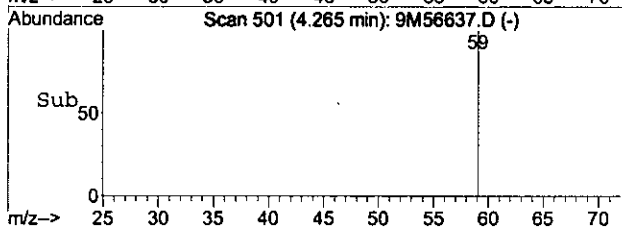
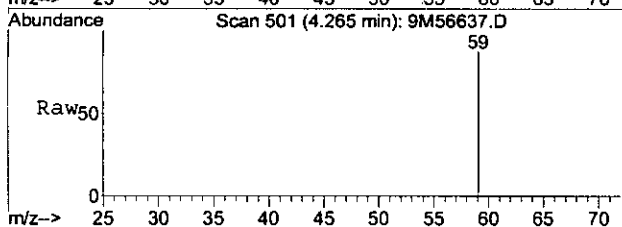
#13
Acetone
Concen: Below Cal
RT: 3.90 min Scan# 432
Delta R.T. 0.02 min
Lab File: 9M56637.D
Acq: 10 Sep 2007 10:33

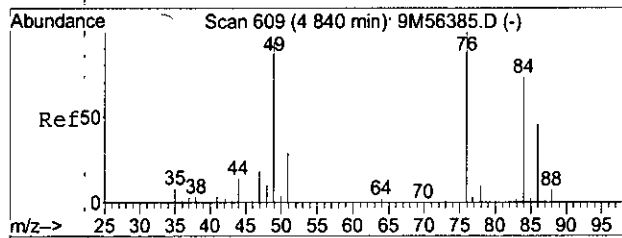
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 0.0 16.7 38.9#



#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

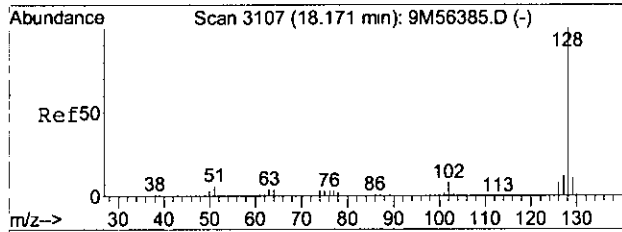
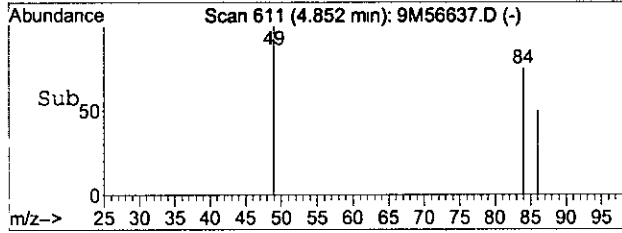
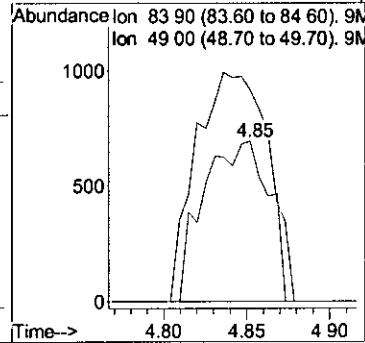
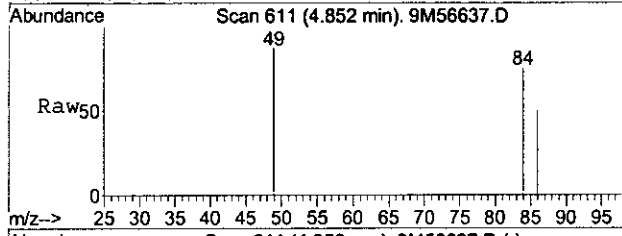
Tgt Ion: 59 Resp: 591
Ion Ratio Lower Upper
59 100
41 0.0 6.4 14.8#
57 0.0 7.8 18.2#





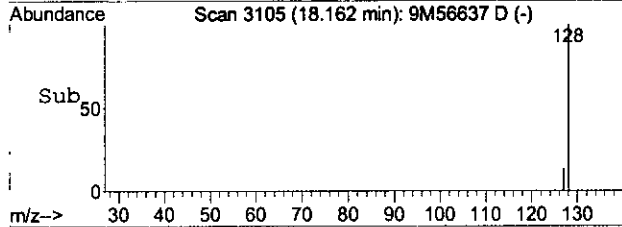
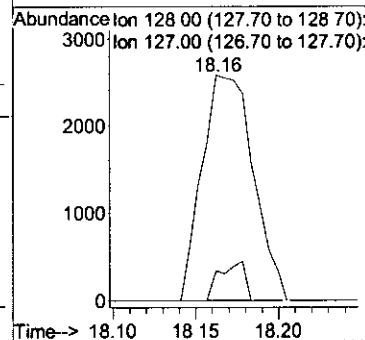
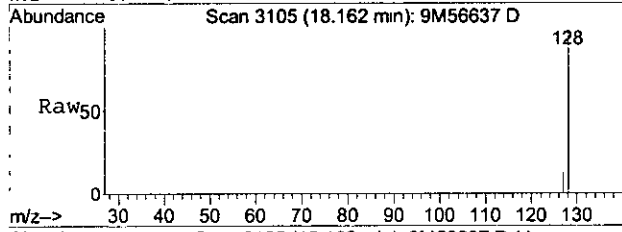
#19
Methylene Chloride
Concen: Below Cal
RT: 4.85 min Scan# 611
Delta R.T. 0.01 min
Lab File: 9M56637.D
Acq: 10 Sep 2007 10:33

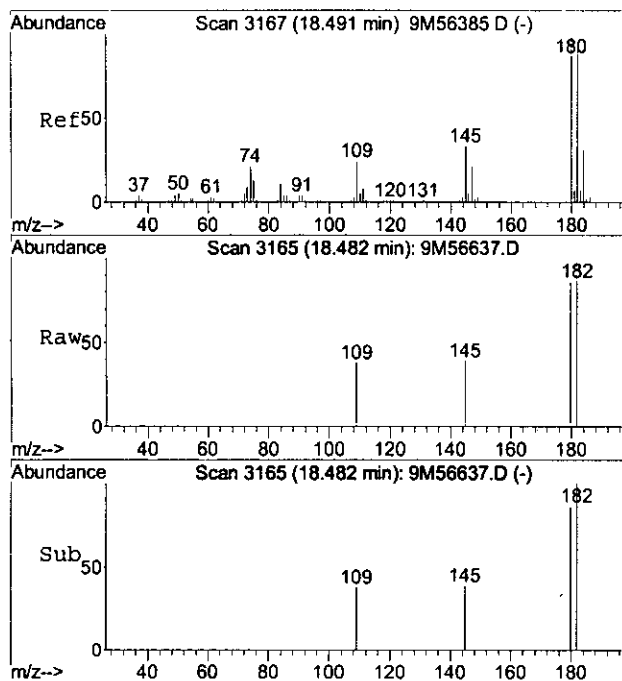
Tgt Ion: 84 Resp: 1894
Ion Ratio Lower Upper
84 100
49 159.1 87.1 203.1



#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

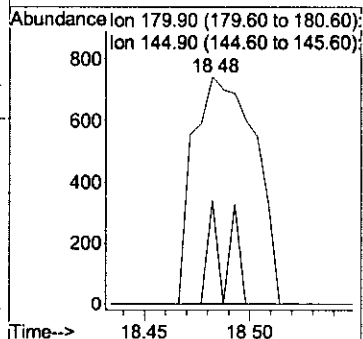
Acq: 10 Sep 2007 10:33

Tgt Ion:180 Resp: 1521

Ion Ratio Lower Upper

180 100

145 14.1 19.9 46.5#



Data File : C:\MSDCHEM\1\DATA\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						
					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

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Data File : C:\MSDCHEM\1\DATA\090807\11M45293.D
Acq On : 8 Sep 2007 17:12
Sample : WG249650-02 20ug/L LCS 8260
Misc : 1,1 STD21763
MS Integration Params: rteint.p
Quant Time: Sep 08 17:33:55 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
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

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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

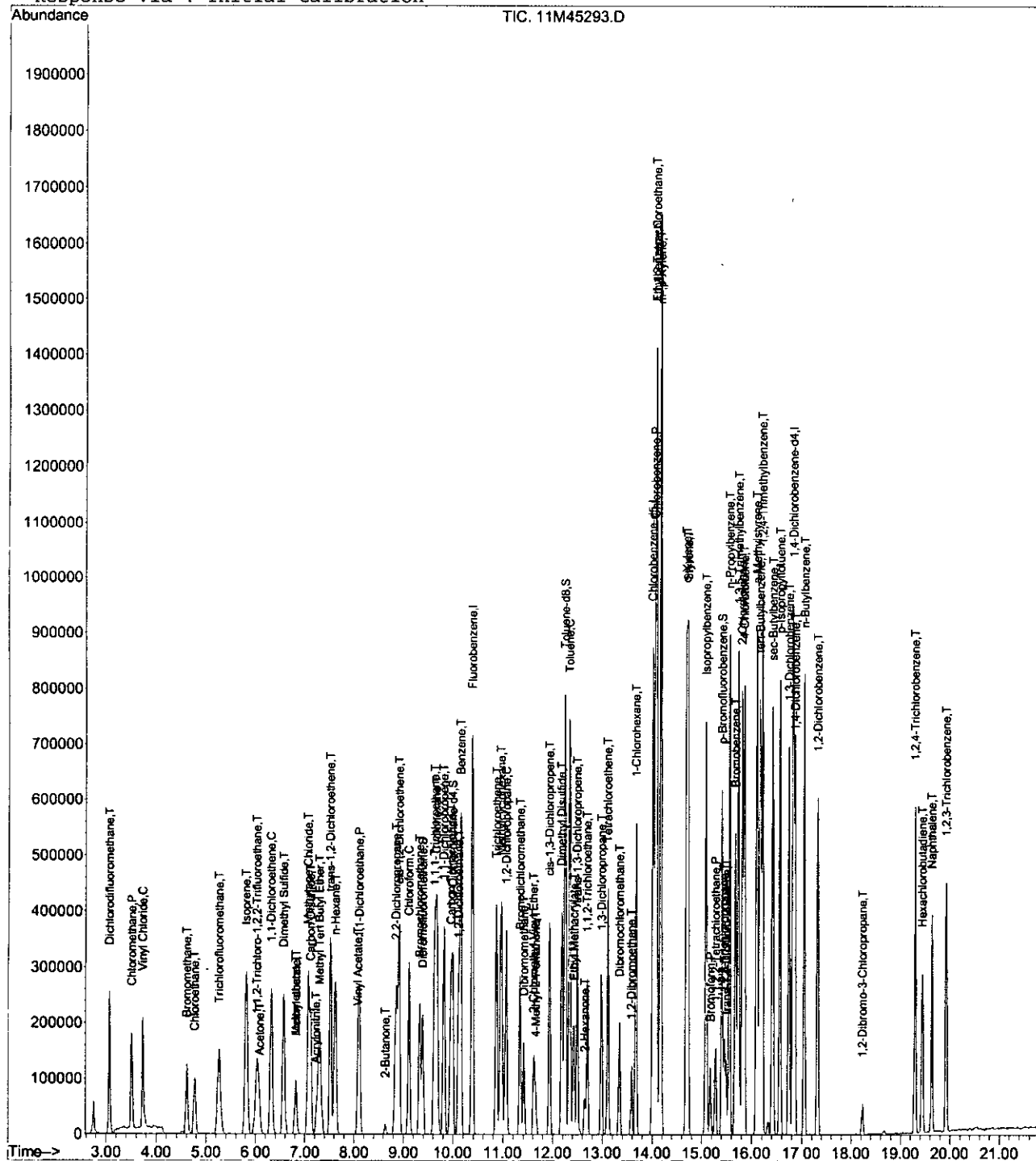
Quant Results File: 8260WT.RES

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

Target Compounds	R.T.	QIon	Response	Conc	Units	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

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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

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 2007

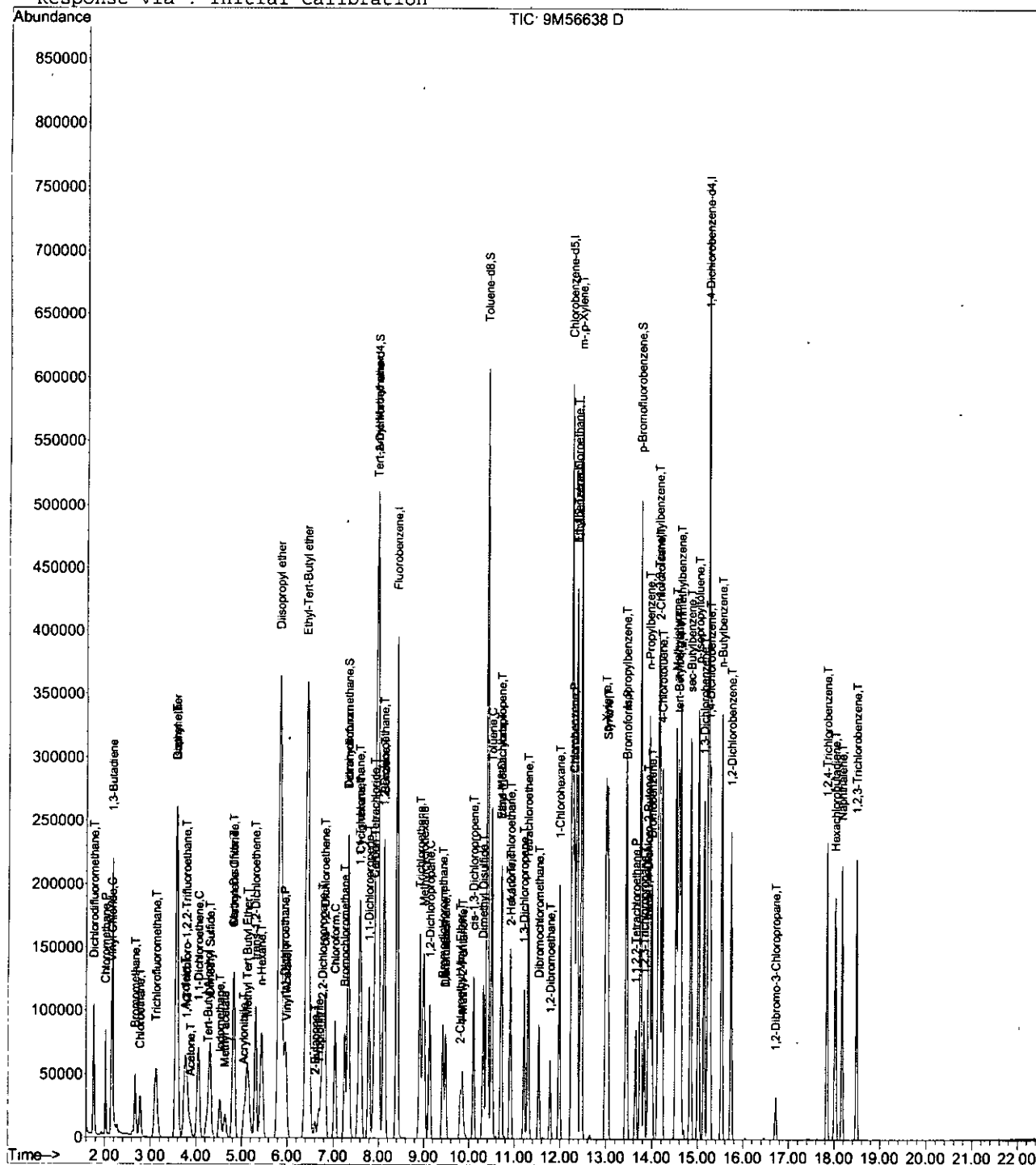
Quant Results File: 826 SLST.RES

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



9M56638.D 826 SLST.M

Mon Sep 10 11:26:41 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	22.3066	766 ug/L	0.00
Spiked Amount 25.000	Range 86	- 118	Recovery	=	89.23%	
42) 1,2-Dichloroethane-d4	9.988	65	245586	21.8926	090 ug/L	0.00
Spiked Amount 25.000	Range 80	- 120	Recovery	=	87.57%	
56) Toluene-d8	12.242	98	702135	23.9124	353 ug/L	0.00
Spiked Amount 25.000	Range 88	- 110	Recovery	=	95.65%	
77) p-Bromofluorobenzene	15.406	95	281689	24.3371	148 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

Page 1

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: reint.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

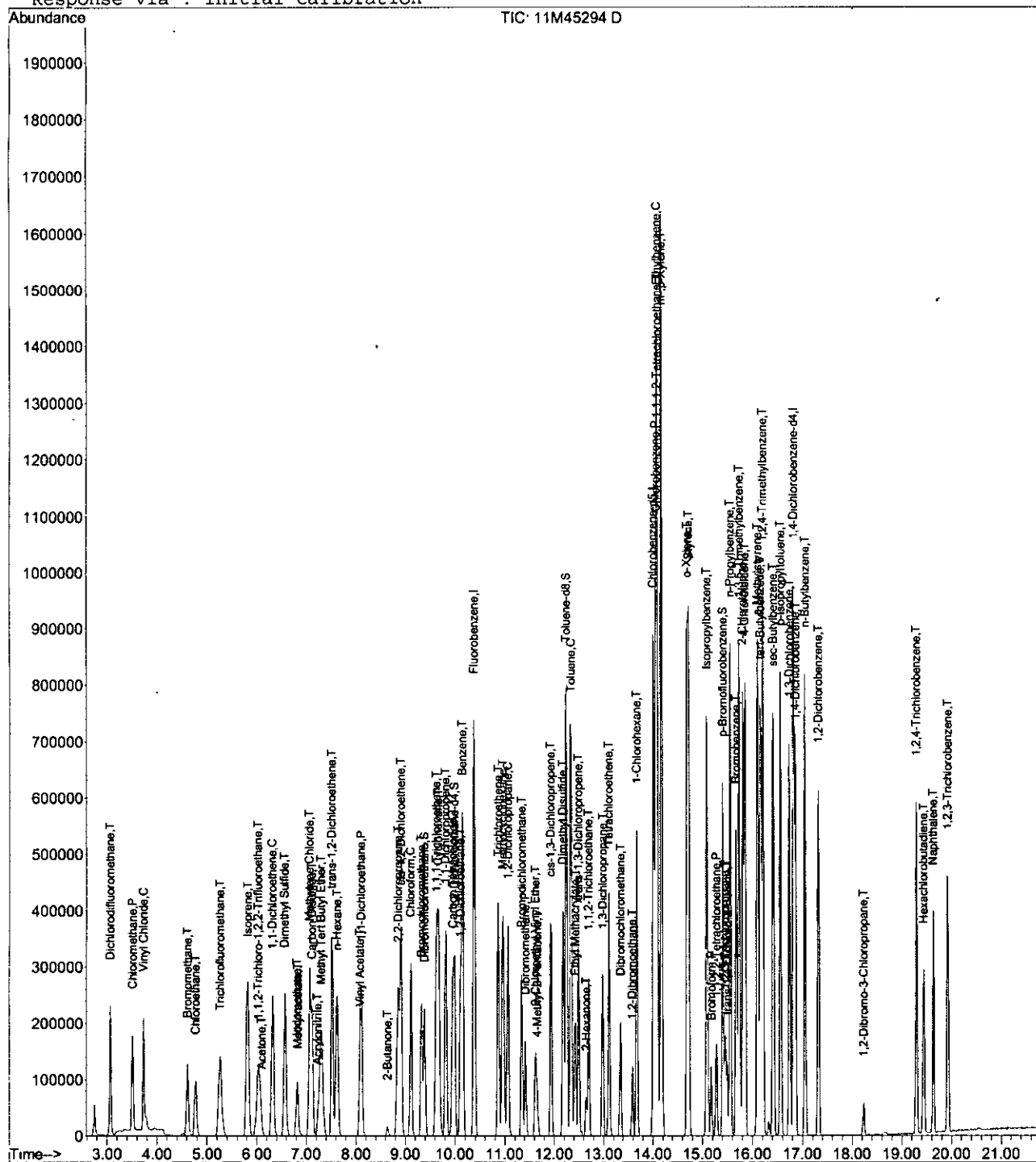
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53) cis-1,3-Dichloropropene	11.93	75	267354	20.6801	ug/L	99
54) Dimethyl Disulfide	12.18	79	141923	20.4970	ug/L	98
57) Toluene	12.35	91	676500	21.6963	ug/L	100
58) Ethyl Methacrylate	12.43	69	137788	22.4932	ug/L	98
59) trans-1,3-Dichloropropene	12.49	75	226452	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-Butene	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

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



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%

9511202

WORKGROUP: WG249471

PERCENT SOLIDS

SOP K0003 Rev: 9Balance: OHAUS EIRW60 Other

Sample	Empty Pan WT 1	WET WT 2	DRY WT 3A	WET WT 3B	DRY WT 3C
L0709001-17	1.26	27.47	21.65		
18	1.21	22.75	19.87		
19	1.23	34.15	27.92		
20	1.22	17.26	15.24		
L0709016-01	1.26	27.24	21.26		
02	1.27	31.96	24.25		
L0708770-01	1.28	33.55	32.12		
02	1.27	26.68	23.60		
03	1.25	19.11	18.30		
04	1.28	19.70	18.69		
07	1.30	28.34	23.42		
08	1.28	18.69	14.58		
L0709045-01	1.25	21.77	19.95		
02	1.22	23.06	18.73		
03	1.25	21.24	17.43		
04	1.25	24.50	21.03		
05	1.24	15.95	13.18		
06	1.21	33.57	27.72		
07	1.22	28.79	23.78		
08	1.20	23.82	20.18		
Duplicate: L0709045-01	1.23	21.73	20.60		

Analyst: Justin D. Herson
Johnny Morris
 ADT (on): 9/6/2007 @ 1040
 ADT (off): 9/7/2007 0810
 ADT (off): _____

DCN#70857


Justin D. Herson
 Approved: September 07, 2007

KEMRON ENVIRONMENTAL SERVICES
PERCENT SOLID REPORT

Workgroup (AAB#): WG249471 Run Date: 09/06/2007
Method: D2216-90 Run Time: 10:40
Analyst: TMM

SAMPLE NUMBER	Pan WT.	Int WT.	Pal WT.	% Solid	% Moist	UNITS
L0708770-01	1.280	33.55	32.12	95.57		%
L0708770-02	1.270	26.68	23.60	87.88		%
L0708770-03	1.250	19.11	18.30	95.46		%
L0708770-04	1.280	19.70	18.69	94.52		%
L0708770-07	1.300	28.34	23.42	81.80		%
L0708770-08	1.280	18.69	14.58	76.39		%
L0709001-17	1.260	27.47	21.65	77.79		%
L0709001-18	1.210	22.75	19.87	86.63		%
L0709001-19	1.230	34.15	27.92	81.08		%
L0709001-20	1.220	17.26	15.24	87.41		%
L0709016-01	1.260	27.24	21.26	76.98		%
L0709016-02	1.270	31.96	24.25	74.88		%
L0709045-01	1.250	21.77	19.95	91.13		%
L0709045-02	1.220	23.06	18.73	80.17		%
L0709045-03	1.250	21.24	17.43	80.94		%
L0709045-04	1.250	24.50	21.03	85.08		%
L0709045-05	1.240	15.95	13.18	81.17		%
L0709045-06	1.210	33.57	27.72	81.92		%
L0709045-07	1.220	28.79	23.78	81.83		%
L0709045-08	1.200	23.82	20.18	83.91		%
WG249471-01	1.250	21.77	19.95	91.13	8.869	%
WG249471-02	1.230	21.73	20.60	94.49	5.512	%

KEMRON FORMS - Modified 02/25/2007
Version 1.2
Report generated 09/07/2007 13:47

Donna Johnson

Approved: September 07, 2007

2.2.2 Total Organic Carbon Data

2.2.2.1 Summary Data

KEMRON ENVIRONMENTAL SERVICES
Total Organic Carbon

ID: 60971

KEMRON Login No.: L0709016

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. DIH

Created: 14-SEP-2007


Approved: September 19, 2007

9511207

LABORATORY REPORT

L0709016

09/19/07 08:23

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
MW233-SS-80	L0709016-01	LYDKHN	1	04-SEP-07
MW231_SS_96	L0709016-02	LYDKHN	1	04-SEP-07

Report Number: L0709016

9511208

Report Date : September 19, 2007

Sample Number: L0709016-01
Client ID: MW233-SS-80
Matrix: Soil
Workgroup Number: WG249529
Collect Date: 09/01/2007 11:00
Sample Tag: 01

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

Instrument: TOC-VWP
Prep Date: 09/06/2007 21:26
Cal Date: 02/26/2007 11:40
Run Date: 09/06/2007 21:26
File ID: TC09-06-2007.35
Percent Solid: 77.0

Analyte	CAS. Number	Result	Qual	RL	MDL
Total Organic Carbon		4230		1300	650

1 of 2

Report Number: L0709016

Report Date : September 19, 2007

9511209

Sample Number: L0709016-02	PrePrep Method: NONE	Instrument: TOC-VWP
Client ID: MW231 SS 96	Prep Method: LYDKHN	Prep Date: 09/06/2007 21:30
Matrix: Soil	Analytical Method: LYDKHN	Cal Date: 02/26/2007 11:40
Workgroup Number: WG249529	Analyst: DIH	Run Date: 09/06/2007 21:30
Collect Date: 09/01/2007 11:15	Dilution: 1	File ID: TC09-06-2007.36
Sample Tag: 01	Units: mg/kg	Percent Solid: 74.9

Analyte	CAS. Number	Result	Qual	RL	MDL
Total Organic Carbon		2770		1340	668

2 of 2

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)

9511212

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method:LYDKHN
Login Number:L0709016

AAB#:WG249529

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
MW233-SS-80	09/01/07	09/04/07	09/06/07	28	5.43	09/06/07	28	5.43	
MW231_SS_96	09/01/07	09/04/07	09/06/07	28	5.43	09/06/07	28	5.43	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

METHOD BLANK SUMMARY

Login Number: L0709016

Work Group: WG249529

Blank File ID: TC09-06-2007.32

Blank Sample ID: WG249529-01

Prep Date: 09/06/07 20:46

Instrument ID: TOC-VWP

Analyzed Date: 09/06/07 20:46

Method: LYDKHN

Analyst: DIH

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS2	WG249529-03	TC09-06-2007.34	09/06/07 21:20	01
MW233-SS-80	L0709016-01	TC09-06-2007.35	09/06/07 21:26	01
MW231_SS_96	L0709016-02	TC09-06-2007.36	09/06/07 21:30	01
DUP	WG249529-05	TC09-06-2007.40	09/06/07 21:54	01
LCS	WG249529-02	TC09-06-2007.44	09/06/07 22:24	01

9511214

METHOD BLANK REPORT

Login Number: L0709016 Prep Date: 09/06/07 20:46 Sample ID: WG249529-01
Instrument ID: TOC-VWP Run Date: 09/06/07 20:46 Prep Method: LYDKHN
File ID: TC09-06-2007.32 Analyst: DIH Method: LYDKHN
Workgroup (AAB#): WG249529 Matrix: Soil Units: mg/kg
Contract #: DACA87-02-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

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709016 Analyst: DIH Prep Method: LYDKHN
Instrument ID: TOC-VWP Matrix: Soil Method: LYDKHN
Workgroup (AAB#): WG249529 Units: mg/kg
QC Key: STD Lot #: STD16374

Sample ID: WG249529-02 LCS File ID: TC09-06-2007.44 Run Date: 09/06/2007 22:24

Sample ID: WG249529-03 LCS2 File ID: TC09-06-2007.34 Run Date: 09/06/2007 21:20

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Total Organic Carbon	8380	8980	107	8380	9100	109	1.26	70 - 140	50	

2.2.2.3 Raw Data

TC/TIC CURVES

KEMRON
ENVIRONMENTAL SERVICES

Total Organic Carbon

MAKE DAILY

CCV (TOC): _____ LCS (TOC): _____
 $(\frac{19}{200}(1000) = 95 \text{ mg/L})$ $(\frac{17}{200}(1000) = 85 \text{ mg/L})$ $(\frac{17}{200}(1000) = 85 \text{ mg/L})$
 CCV (TIC): _____ MS (TOC): _____
 $(\frac{17}{200}(1000) = 85 \text{ mg/L})$
☒ EPA 415.1 TOC/TOC-4/TOC-D/TOCLOW
☐ SW846 9060 TOC-14/TOC-44
 Calibration Curve Date: _____
 SOP: K 4151 Rev. 1
 Instrument: Shimadzu TOC-VWP/ASI

☒ 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
1	TC CURVE	
2	TIC CURVE	
3	TC ICV	
4	TIC ICV	
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Position	Sample ID	Dilution
26	curve std	
27	TC: STD 1780	
28	TIC: STD 1645	
29		
30		
31	ICV:	
32	TC STD 16885	
33	TIC STD 17080	
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		

Position	Sample ID	Dilution
51		
52	from SOP	
53	" "	
54		
55		
56		
57	$\frac{5}{200}(1000) = 25$	
58	↓	↓
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		

Analyst: Deanna Roberts Date: 2/26/07 Time: _____

DCN#68372



Deanna Roberts

Approved: March 19, 2007

Instr. Information

System
DetectorTOCVW 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

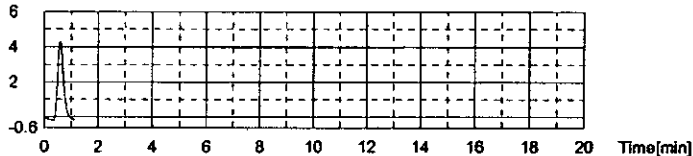
Type	Anal
Standard	TC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.664	500ul	1	*****		02/26/2007 10:16:35 AM

Acid Add. 0.000%
Mean Area 6.664

Signal[mV] 6

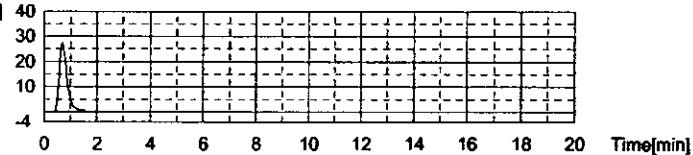


Conc: 1.000mg/L

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

Signal[mV] 40

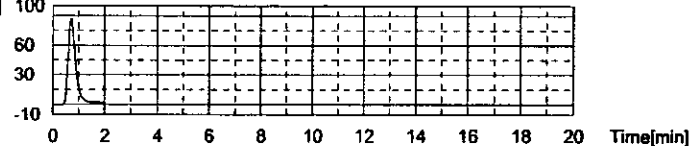


Conc: 5.000mg/L

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

Signal[mV] 100



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	369.9	500ul	1	*****		02/26/2007 10:39:05 AM

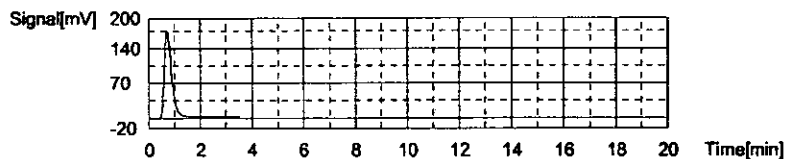
Heanna Roberts

Approved: March 19, 2007

02/27/2007 08:05:11 AM

CURVES-02-26-2007 (32)

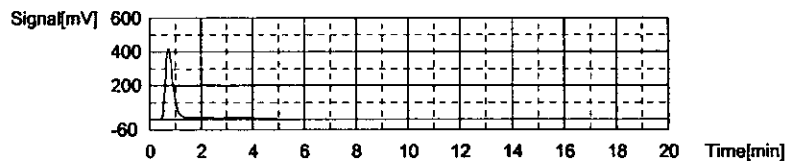
Acid Add. 0.000%
Mean Area 389.9



Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	985.1	500uL	1	T*****		02/26/2007 10:49:12 AM

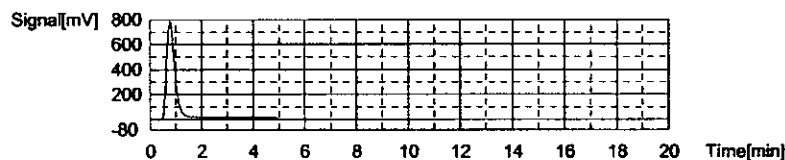
Acid Add. 0.000%
Mean Area 985.1



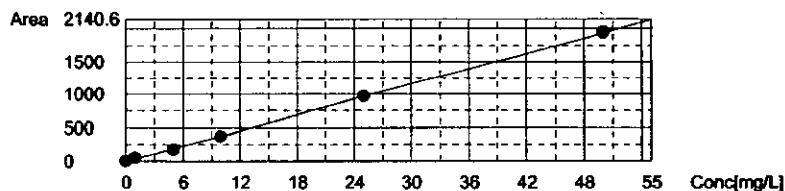
Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	1946	500uL	1	T*****		02/26/2007 10:59:19 AM

Acid Add. 0.000%
Mean Area 1946



Slope: 38.88
Intercept: -3.633
r^2: 0.999683
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

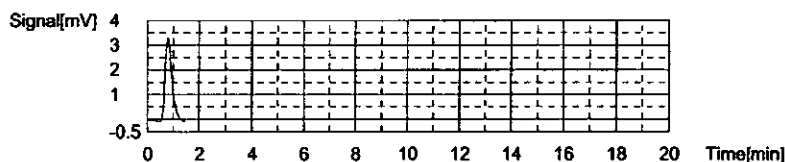
Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	6.426	500uL	1	T*****		02/26/2007 11:03:55 AM

Heanna Roberts

Approved: March 19, 2007

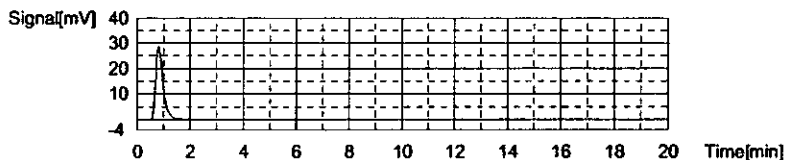
Acid Add. 10.00%
Mean Area 8.426



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

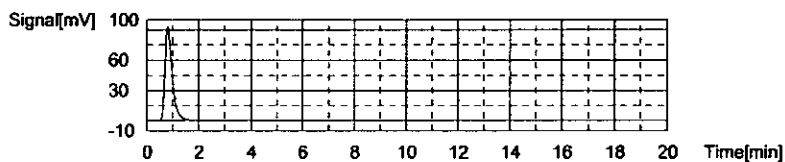
Acid Add. 10.00%
Mean Area 55.25



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

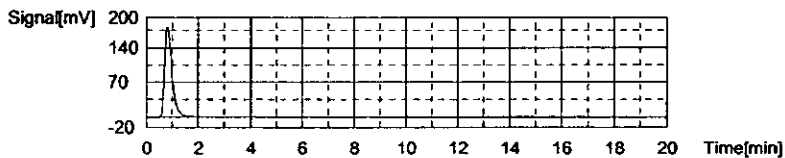
Acid Add. 10.00%
Mean Area 183.5



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

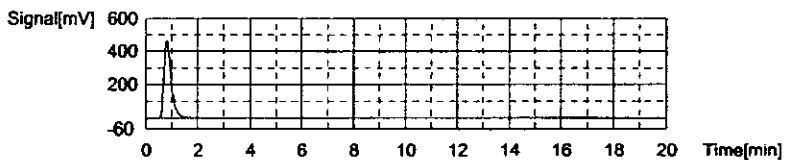
Acid Add. 10.00%
Mean Area 363.0



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

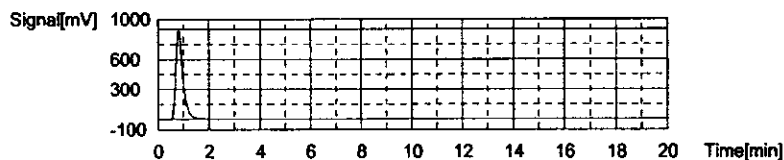
Approved: March 19, 2007

02/27/2007 08:05 11 AM

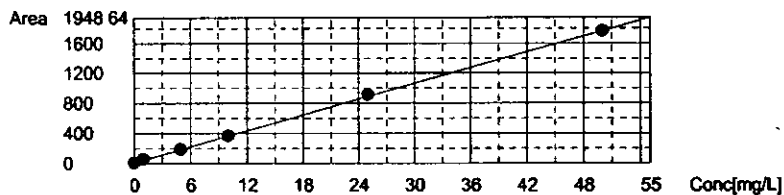
CURVES-02-26-2007.132

No.	Area	Inj. Vol	Aut. Dil.	Rem.	Ex.	Date / Time
1	1764	500ul	1	*****		02/26/2007 11:51:14 AM

Acid Add. 10.00%
Mean Area 1764



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:

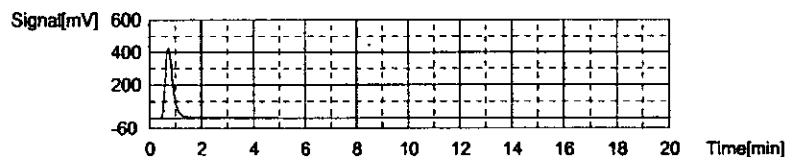
Type	Anal.	Dil.	Result
Unknown	TC	1.000	TC:23.83mg/L

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: TCCURVE-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

9511222

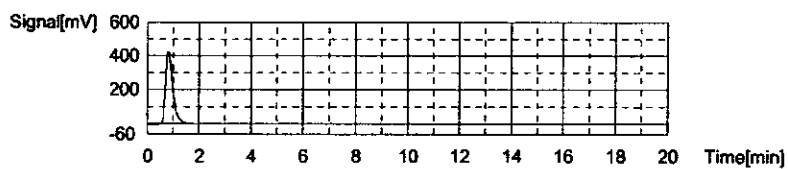
02/27/2007 08:05:11 AM

CURVES-02-26-2007.i32

Anal.: IC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	837.6	23.43mg/L	500ul			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



5/5

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	BLK	288.8
4	LCS	212.2
5	LCS DWP	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	DWP 045-01	438.7 x
31	MS 045-01	120.8 x
32	Blank	409.1
33	LCS 8380	416.9
34	LCS DWP 8380	452.6 x
35	09-016-01	413.2
36	02	406.6
37	CCV 40,000	100
38	CCB	100
39	09-056-01	394.6
40	DWP	381.4
41	MS ↓	384.5
42	DWP 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 PearsonDate: 9/1/07Time: 1420Deanna Roberts

X need rerun

DCN#70859


Deanna Pearson

Approved: September 13, 2007

9511224



Wg 249481
Wg 249529

TOTAL SOIL WET WEIGHTS

LCS (8380 mg/kg):

STD 16374

ADT	SAMPLE	WEIGHT (mg)	COMMENTS
duh/9/6/12.50/07	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 EFFERVESCENCE
	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	

Annal/psoon

Approved: September 13, 2007

TOTAL SOIL WET WEIGHTS

LCS (8380 mg/kg): Std 16374

[illegible]

Imma/Person

Approved: September 13, 2007

	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

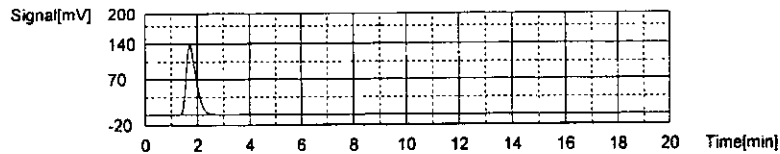
Sample Name: CCV 40000
Sample ID: SOIL-02-28-2007.met
Origin: Completed
Status: Completed
Chk. Result:

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

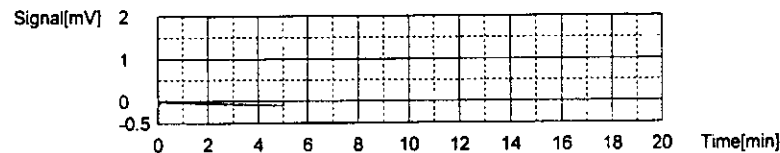
Sample Name: CCB
Sample ID: SOIL-02-28-2007.met
Origin: Completed
Status: Completed
Chk. Result:

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

Imma/psoon

Approved: September 13, 2007

9511228

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL 132

Sample

Sample Name: WG249481-01 BLANK
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

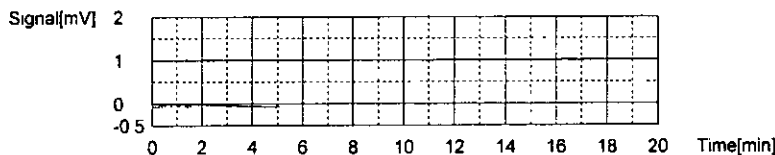
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC: -59.91mg/L

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	09/06/2007 02:52:31 PM

Mean Area: 0.000
 Mean CNV: 0.000
 Mean Conc: -59.91mg/L



Sample

Sample Name: WG249481-02 LCS
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

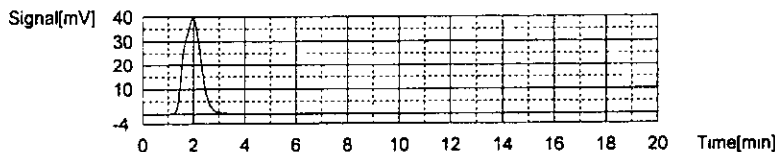
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 8689mg/L

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	09/06/2007 02:59:32 PM

Mean Area: 183.5
 Mean CNV: 183.5
 Mean Conc: 8689mg/L



Sample

Sample Name: WG249481-03 LCSDUP
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

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Dannat/psoon
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.132

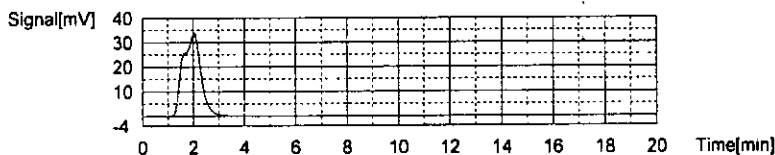
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:7807mg/L

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_40	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:

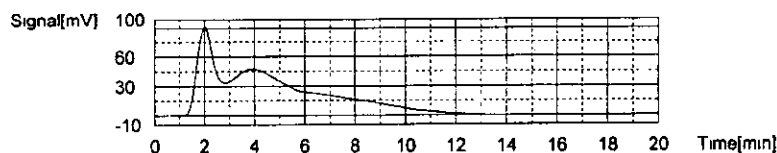
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:36033mg/L

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_40	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

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Approved: September 13, 2007

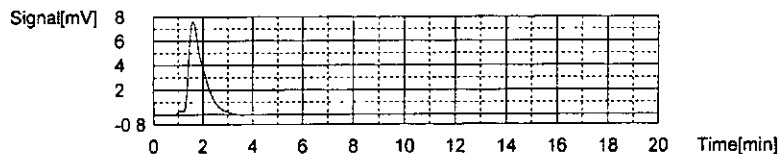
9511230

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.t32

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 03:36:52 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:

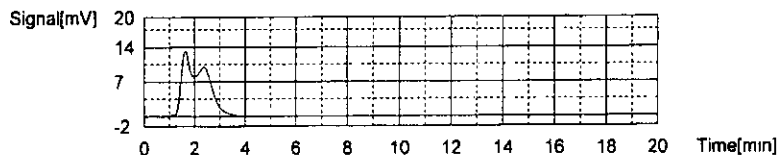
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:2640mg/L

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

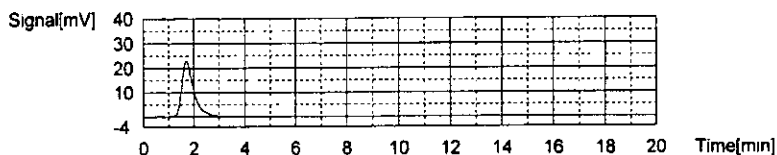
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Danna Pearson
Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL.L32

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:

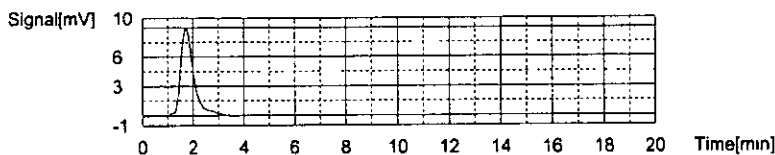
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC.937.1mg/L

1. Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	32.68	32.68	314.1ug	937.1mg/L	335.2mg	335uL		SOILCURVE-2-28-2007.2007_02_28_08_47	409/06/2007 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	409/06/2007 04:44:06 PM

Mean Area 21.96
 Mean CNV 21.96
 Mean Conc 434.2mg/L



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Approved: September 13, 2007

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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

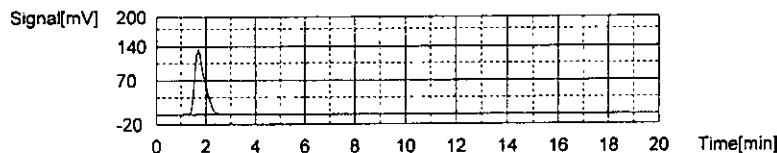
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:37727mg/L

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

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Annal/Person
Approved: September 13, 2007

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Sample Name: CCB
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result:

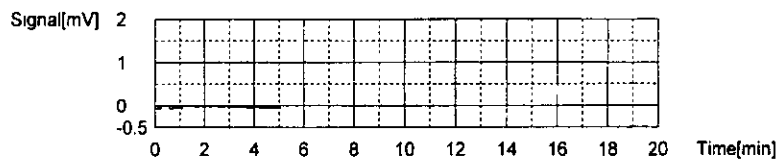
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC:-173.0mg/L

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 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:

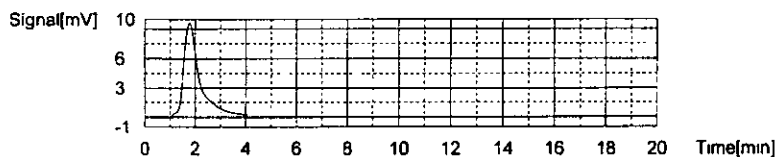
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:976.2mg/L

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	09/06/2007 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

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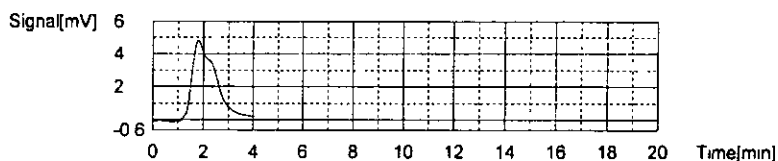
Approved: September 13, 2007

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

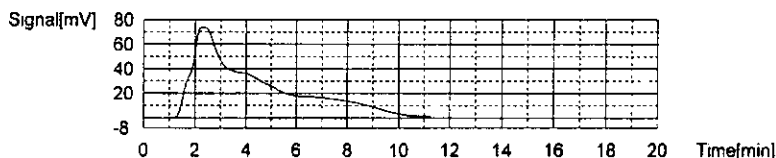
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:33882mg/L

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

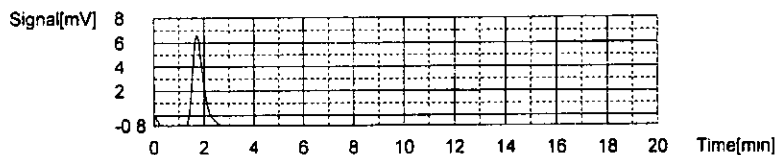
No.	Area	CNV	Abs C	Conc	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	26.83	26.83	254.8ug	902.6mg/L	282.3mg	282uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/06/2007 06:49:09 PM

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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:

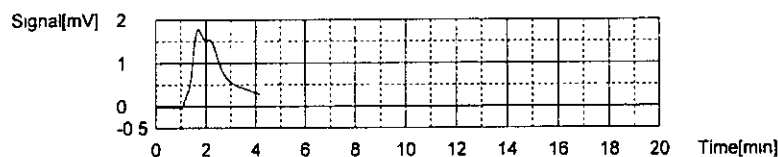
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 432.1mg/L

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:

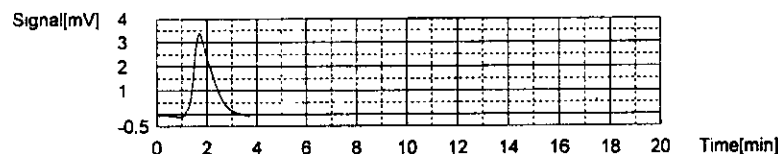
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 347.4mg/L

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



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Approved: September 13, 2007

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Sample

Sample Name: L0709045-07
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk Result:

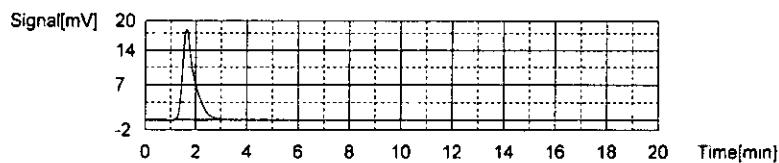
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 2358mg/L

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: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk Result:

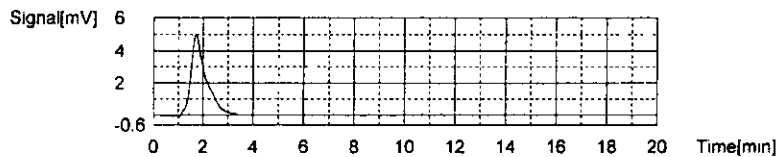
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 574.8mg/L

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

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Approved: September 13, 2007

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Sample Name: L0709045-09
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk Result:

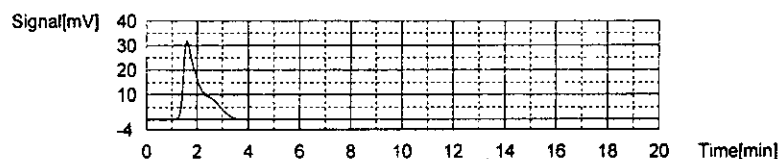
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:3559mg/L

1 Det

Anal: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex	Cal Curve	Date / Time
1	151.1	151.1	1515ug	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: L0709045-16
 Sample ID: SOIL-02-28-2007 met
 Origin: Completed
 Status: Completed
 Chk Result:

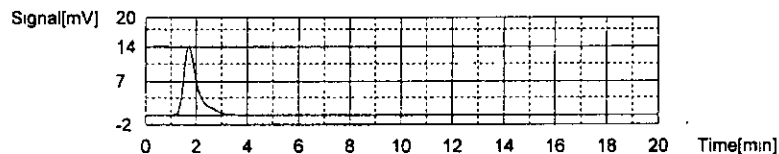
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:1332mg/L

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: 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 38051mg/L

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Approved: September 13, 2007

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09/06/2007 10:30:49 PM

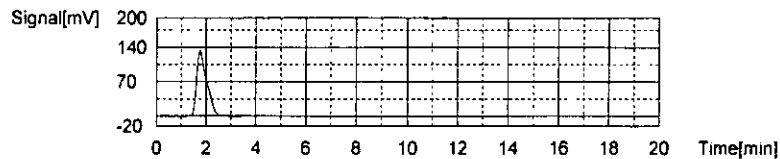
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1. Det

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	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
 Origin: SOIL-02-28-2007.met
 Status Completed
 Chk. Result

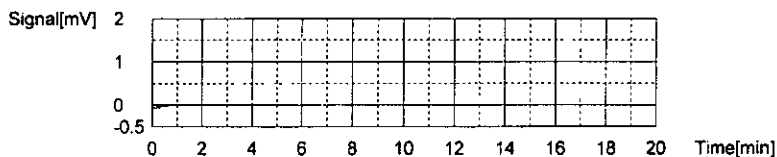
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC -165.4mg/L

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	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
 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 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	09/06/2007 07:46:10 PM

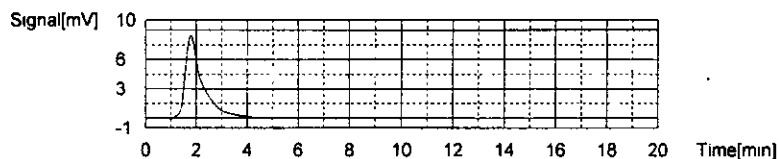
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09-06-2007-DIH-DR-SOIL.t32

Mean Area 38.35
Mean CNV 38.35
Mean Conc. 791.7mg/L



Sample

Sample Name L0709045-18
Sample ID:
Origin: SOIL-02-28-2007.met
Status Completed
Chk. Result

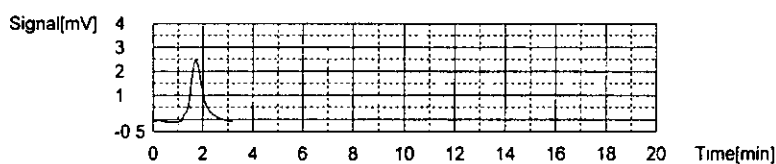
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:207.9mg/L

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_40	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:
Origin: SOIL-02-28-2007.met
Status Completed
Chk. Result

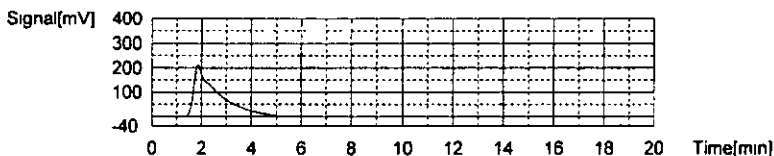
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:43609mg/L

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_40	09/06/2007 08:19:33 PM

Mean Area 1428
Mean CNV 1428
Mean Conc. 43609mg/L



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Approved: September 13, 2007

9511240

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:

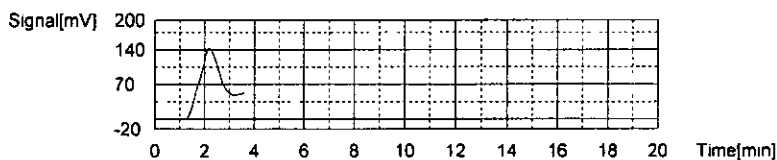
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1 000	1 000mg/uL	SSM-TC 14728mg/L

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



Sample

Sample Name: WG249481-06 MSX
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result:

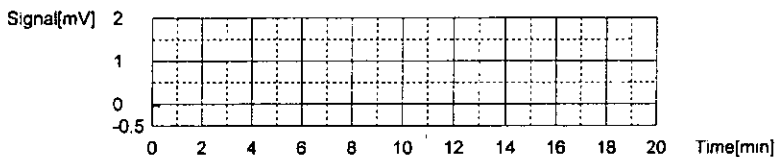
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1 000	1 000mg/uL	!!Error!! SSM-TC: -143.2mg/L

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



Sample

14/21

Annal/bsoon
 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

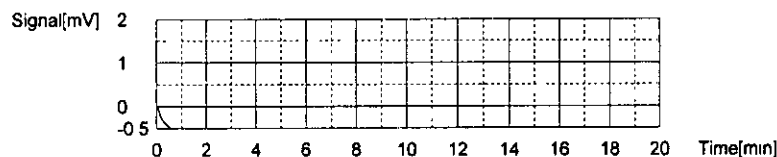
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC: -40.53mg/L

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

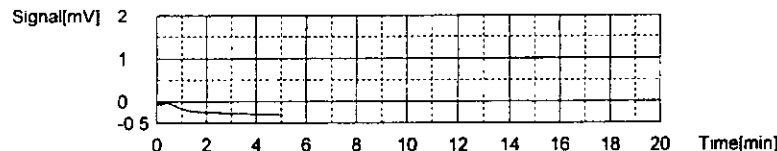
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC: -38.23mg/L

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

Approved: September 13, 2007

09/06/2007 10:30:49 PM

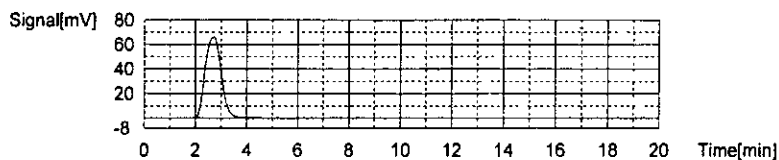
09-06-2007-DIH-OR-SOIL.r32

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	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

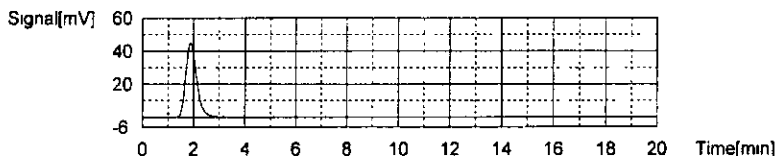
Type	Anal	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC.3257mg/L

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	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	09/06/2007 09:30:57 PM

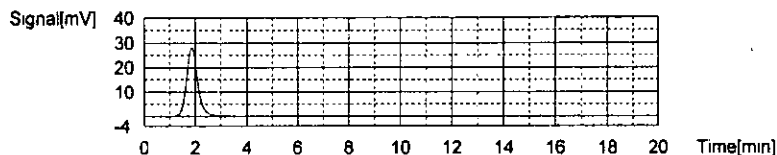
16/21

Danna Johnson
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL t32

Mean Area 84.89
 Mean CNV 84.89
 Mean Conc. 2075mg/L



Sample

Sample Name: CCV 40000
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result:

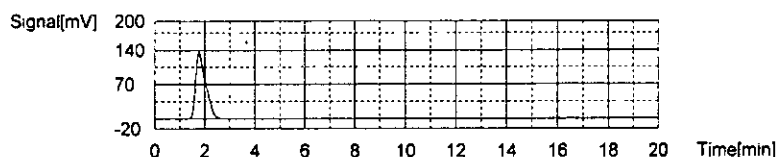
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1 000	1 000mg/ul	SSM-TC:38163mg/L

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:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk. Result:

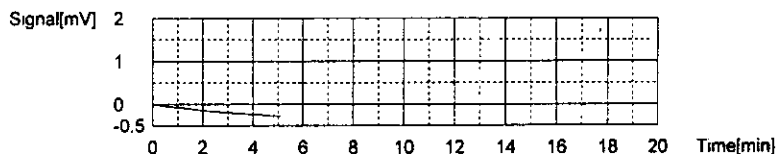
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1 000	1 000mg/ul	!!Error!! SSM-TC:-173.0mg/L

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	09/06/2007 09 42:03 PM

Mean Area 0.000
 Mean CNV 0.000
 Mean Conc. -173.0mg/L



17721

Approved: September 13, 2007

Sample

Sample Name: L0709056-01
 Sample ID:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk Result

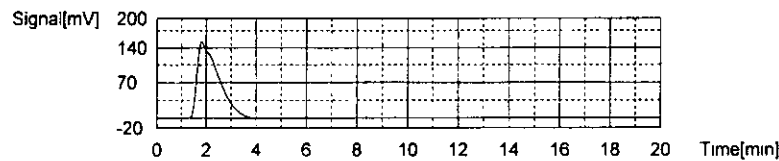
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 23221mg/L

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	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:
 Origin: SOIL-02-28-2007 met
 Status: Completed
 Chk Result

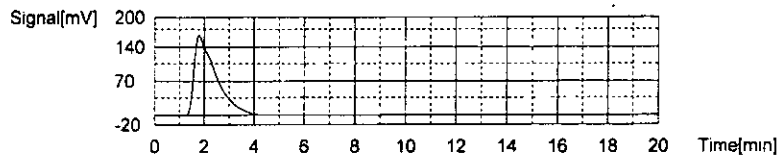
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC 26096mg/L

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	09/06/2007 09:54:10 PM

Mean Area: 983.1
 Mean CNV: 983.1
 Mean Conc.: 26096mg/L



Sample

Danna/Person
 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:

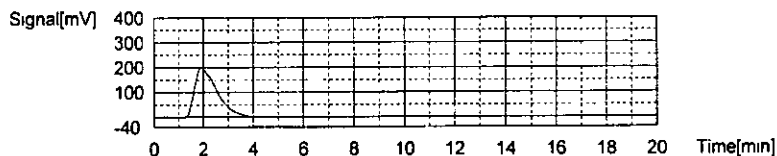
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:33374mg/L

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	409/06/2007 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:

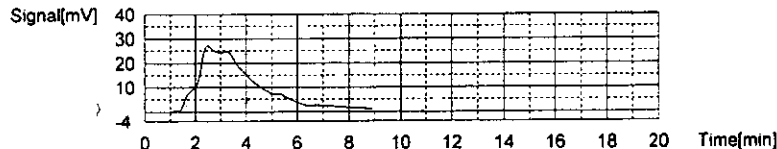
Type	Anal.	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:35774mg/L

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	409/06/2007 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

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Dr. J. M. Johnson
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

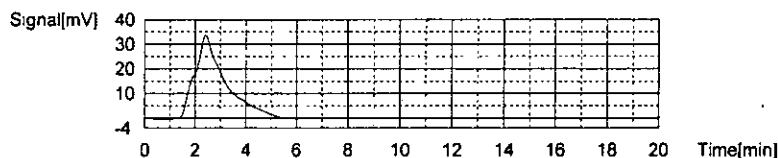
09-06-2007-DIH-DR-SOIL t32

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
 Sample ID
 Origin
 Status
 Chk. Result

WG249529-02 LCS
 SOIL-02-28-2007.met
 Completed

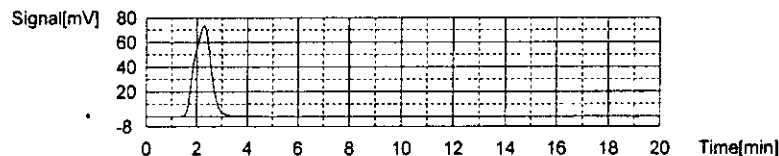
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC.8981mg/L

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
 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.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

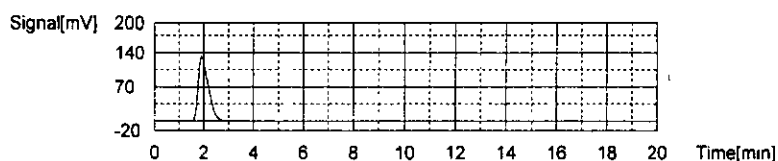
20/21

Anna Johnson
 Approved: September 13, 2007

09/06/2007 10:30:49 PM

09-06-2007-DIH-DR-SOIL 132

Mean Area 382.0
 Mean CNV 382.0
 Mean Conc. 38568mg/L



Sample

Sample Name.
 Sample ID
 Origin
 Status
 Chk Result

CCB
 SOIL-02-28-2007.met
 Completed

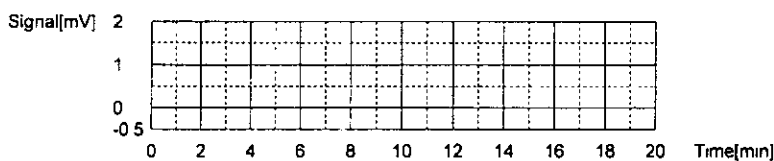
Type	Anal	Dil	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	!!Error!! SSM-TC:-173.0mg/L

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	09/06/2007 10:30:15 PM

Mean Area 0.000
 Mean CNV 0.000
 Mean Conc. -173.0mg/L



21/21

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	

September 19, 2007

Qualkey: STD

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 74043 156 Starlite Drive
Marietta, OH 45750

Company Name: CH2M Hill		Contact Phone #: 678 530 4200	Location: Memphis, TN		Project Name: Memphis Depot		Signature: [Signature]	
Project Contact: David Nelson		Turn Around Requirements: STD		Project #: 334469 SA, HS		Sampler (print): DEBRA MILLER		
Sample I.D. No.	Comp	Grab	Date	Time	CWA	SW846	Protocol	
MW233-SS-80	X	X	9/11/07	1100	X	X	5	
MW231-SS-96	X	X	9/11/07	1115	X	X	1	
TB-1-0901	X	X	9/28/07	1537	X	X	2	
Hold								
NUMBER OF CONTAINERS								
8260B/5035A								
% Solids								
XX TOC (45.1)								
Program ☐ NPDES ☐ AFCEE ☐ RCRA ☐ USAGE ☐ Other								
ADDITIONAL REQUIREMENTS Top Black-Lab provided								
Relinquished by: [Signature]				Date: 9/11/07	Time: 1300	Received by: [Signature]		
Relinquished by: [Signature]				Date: [Blank]	Time: [Blank]	Received for Laboratory by: [Signature]		
Relinquished by: [Signature]				Date: 9/11/07	Time: 1000	Cooler Temp in °C: 23	Remarks: [Blank]	

*Homogenize all composite samples prior to analysis

Page 1 of 1

Client:	CH 2 m Hill
Workorder Number:	B 8434
Date Received:	9-4-07
Delivered by:	(X) Fedx () UPS () Client () Courier Time: 1010
Opened by:	RLK
IR Temp Gun:	(X) D () G
Logged by:	RLK L 9.016

Cooler Information

Cooler ID	Temp C	Airbill#	COC#	Other
739	23	8625 4778 5916	74043	tare Coe-put in Freezer upon arrival.

Inspection Checklist

	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?	✓			
Were custody seals intact?	✓			
Were cooler temperatures in range of 0 - 6?		✓		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)?	✓			② (RF)
Were pH ranges acceptable?			✓	
Were VOA samples free of headspace?	✓			
Were samples received within EPA hold times?		✓		②

Discrepancy/Comments/Other Problems

① ice melted - Client shipped cooler 9/1 - Rec'd 9/4.
② Rec'd Tare Coe out of hold.
Client shipped (RF)

Distribution

Name of KEMRON representative
Client/Company:
Person Contacted:
Date contacted:

Resolution/other comments:

KEMRON Environmental Services
Internal Chain of Custody Report

9511253

Login: L0709016
Account: 2736
Project: 2736.034
Samples: 3
Due Date: 18-SEP-2007

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709016-01	370360	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	04-SEP-2007 15:23	BRG	
2	ANALYZ	W1	WET	06-SEP-2007 08:51	DIH	JKT
3	STORE	WET	W1	07-SEP-2007 16:37	RLK	JDH

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	04-SEP-2007 15:23	BRG	
2	ANALYZ	W1	WET	06-SEP-2007 08:51	DIH	JKT
3	STORE	WET	W1	07-SEP-2007 16:37	RLK	JDH

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709016-03	370363	

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	04-SEP-2007 15:23	BRG	
2	ANALYZ	V1	ORG4	05-SEP-2007 11:15	TMB	RLK
3	STORE	ORG4	A2	17-SEP-2007 11:29	ERE	KJW

Comments: Products cancelled.

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	04-SEP-2007 15:23	BRG	
2	ANALYZ	V1	ORG4	05-SEP-2007 11:15	TMB	RLK
3	STORE	ORG4	A2	17-SEP-2007 11:29	ERE	KJW

Comments: Products cancelled.

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709016-02	370362	TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	04-SEP-2007 15:23	BRG	
2	ANALYZ	W1	WET	06-SEP-2007 08:51	DIH	JKT
3	STORE	WET	W1	07-SEP-2007 16:37	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

KEMRON Environmental Services
Internal Chain of Custody Report

9511254

Login: L0709016
Account: 2736
Project: 2736.034
Samples: 3
Due Date: 18-SEP-2007

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709016-01	370361	G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	04-SEP-2007 15:23	BRG	
2	ANALYZ	F1	VOAY	05-SEP-2007 11:13	TMB	RLK
3	STORE	VOAY	A2	18-SEP-2007 11:35	ERE	KJW

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	04-SEP-2007 15:23	BRG	
2	ANALYZ	F1	VOAY	05-SEP-2007 11:13	TMB	RLK
3	STORE	VOAY	A2	18-SEP-2007 11:35	ERE	KJW

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	04-SEP-2007 15:23	BRG	
2	ANALYZ	F1	VOAY	05-SEP-2007 11:13	TMB	RLK
3	STORE	VOAY	A2	18-SEP-2007 11:35	ERE	KJW

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: L0709398

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 blow at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

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Jacqueline Parsons - Team Assistant
jparsons@kemron-lab.com

This report was reviewed on October 02, 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 October 02, 2007.

David Vandenberg - Vice President

FL DOH NELAP ID: E8755

This report contains a total of 243 pages.

Protecting Our Environmental Future



9511256

KEMRON REPORT L0709398
PREPARED FOR CH2MHILL, Inc
WORK ID: MEMPHIS TN

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1.0 Introduction

LABORATORY REPORT

L0709398

10/02/07 09:55

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: 924140

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
MW232_SS_127	L0709398-01	09/17/2007 15:10	09/18/2007
MW232_SS_127-D	L0709398-02	09/17/2007 15:10	09/18/2007
TB-1_0917	L0709398-03	09/17/2007	09/18/2007

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0709398

CHAIN OF CUSTODY: The chain of custody number was 71605.

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.

L0709398-01 MW232_SS_127
L0709398-02 MW232_SS_127-D
L0709398-03 TB-1_0917

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: 20-SEP-07
<i>Kenny O'Hanlon</i>

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

KEMRON Login No.: L0709398

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

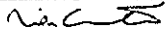
There are numerous situations in chromatography where the system establishes the baseline incorrectly. Some baseline errors will be obvious to the analyst and should be corrected via manual procedures.

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: 02-OCT-07


LABORATORY REPORT

9511266

L0709398

10/02/07 09:55

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: 924140

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
MW232_SS_127	L0709398-01	8260B	1	18-SEP-07
MW232_SS_127-D	L0709398-02	8260B	1	18-SEP-07
TB-1_0917	L0709398-03	8260B	1	18-SEP-07

Report Number: L0709398

Report Date : October 2, 2007

9511267

Sample Number: L0709398-01
 Client ID: MW232 SS 127
 Matrix: Soil
 Workgroup Number: WG250439
 Collect Date: 09/17/2007 15:10
 Sample Tag: 01

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

Instrument: HPMS9
 Prep Date: 09/19/2007 13:01
 Cal Date: 08/14/2007 16:27
 Run Date: 09/19/2007 13:01
 File ID: 9M56888
 Percent Solid: 84.5

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1		U	10.4	5.19
Benzene	71-43-2		U	1.04	0.519
Bromodichloromethane	75-27-4		U	2.08	0.519
Bromoform	75-25-2		U	5.19	0.519
Bromomethane	74-83-9		U	5.19	1.04
2-Butanone	78-93-3		U	5.19	2.60
Carbon disulfide	75-15-0		U	5.19	0.519
Carbon tetrachloride	56-23-5		U	5.19	0.519
Chlorobenzene	108-90-7		U	5.19	0.519
Chlorodibromomethane	124-48-1		U	2.08	0.519
Chloroethane	75-00-3		U	5.19	1.04
Chloroform	67-66-3		U	2.08	0.519
Chloromethane	74-87-3		U	5.19	2.08
1,1-Dichloroethane	75-34-3		U	2.08	1.04
1,2-Dichloroethane	107-06-2		U	2.08	0.519
1,1-Dichloroethene	75-35-4		U	5.19	0.519
cis-1,2-Dichloroethene	156-59-2		U	5.19	0.519
trans-1,2-Dichloroethene	156-60-5		U	2.08	0.519
1,2-Dichloropropane	78-87-5		U	2.08	0.519
cis-1,3-Dichloropropene	10061-01-5		U	2.08	0.519
trans-1,3-Dichloropropene	10061-02-6		U	2.08	0.519
Ethylbenzene	100-41-4		U	1.04	0.519
2-Hexanone	591-78-6		U	5.19	2.60
Methylene chloride	75-09-2		U	5.19	1.04
MIBK (methyl isobutyl ketone)	108-10-1		U	5.19	2.60
Styrene	100-42-5		U	2.08	0.519
1,1,2,2-Tetrachloroethane	79-34-5		U	2.08	0.519
Tetrachloroethene	127-18-4		U	5.19	0.519
Toluene	108-88-3		U	1.04	0.519
1,1,1-Trichloroethane	71-55-6		U	2.08	0.519
1,1,2-Trichloroethane	79-00-5		U	5.19	0.519
Trichloroethene	79-01-6		U	5.19	0.519
Vinyl chloride	75-01-4		U	2.08	1.04
o-Xylene	95-47-6		U	1.04	0.519
m-,p-Xylene	136777-61-2		U	1.04	0.519
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	103	80	120		
1,2-Dichloroethane-d4	92.0	80	120		
Toluene-d8	99.7	81	117		
4-Bromofluorobenzene	93.1	74	121		

U Not detected at or above adjusted sample detection limit

Report Number: L0709398

Report Date : October 2, 2007

9511268

Sample Number: L0709398-02

Client ID: MW232 SS 127-D

Matrix: Soil

Workgroup Number: WG250439

Collect Date: 09/17/2007 15:10

Sample Tag: 01

PrePrep Method: NONE

Prep Method: 5030B

Analytical Method: 8260B

Analyst: MES

Dilution: 1

Units: ug/kg

Instrument: HPMS9

Prep Date: 09/19/2007 13:32

Cal Date: 08/14/2007 16:27

Run Date: 09/19/2007 13:32

File ID: 9M56889

Percent Solid: 83.4

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1		U	9.68	4.84
Benzene	71-43-2		U	0.968	0.484
Bromodichloromethane	75-27-4		U	1.94	0.484
Bromoform	75-25-2		U	4.84	0.484
Bromomethane	74-83-9		U	4.84	0.968
2-Butanone	78-93-3		U	4.84	2.42
Carbon disulfide	75-15-0		U	4.84	0.484
Carbon tetrachloride	56-23-5		U	4.84	0.484
Chlorobenzene	108-90-7		U	4.84	0.484
Chlorodibromomethane	124-48-1		U	1.94	0.484
Chloroethane	75-00-3		U	4.84	0.968
Chloroform	67-66-3		U	1.94	0.484
Chloromethane	74-87-3		U	4.84	1.94
1,1-Dichloroethane	75-34-3		U	1.94	0.968
1,2-Dichloroethane	107-06-2		U	1.94	0.484
1,1-Dichloroethene	75-35-4		U	4.84	0.484
cis-1,2-Dichloroethene	156-59-2		U	4.84	0.484
trans-1,2-Dichloroethene	156-60-5		U	1.94	0.484
1,2-Dichloropropane	78-87-5		U	1.94	0.484
cis-1,3-Dichloropropene	10061-01-5		U	1.94	0.484
trans-1,3-Dichloropropene	10061-02-6		U	1.94	0.484
Ethylbenzene	100-41-4		U	0.968	0.484
2-Hexanone	591-78-6		U	4.84	2.42
Methylene chloride	75-09-2		U	4.84	0.968
MIBK (methyl isobutyl ketone)	108-10-1		U	4.84	2.42
Styrene	100-42-5		U	1.94	0.484
1,1,2,2-Tetrachloroethane	79-34-5		U	1.94	0.484
Tetrachloroethene	127-18-4		U	4.84	0.484
Toluene	108-88-3		U	0.968	0.484
1,1,1-Trichloroethane	71-55-6		U	1.94	0.484
1,1,2-Trichloroethane	79-00-5		U	4.84	0.484
Trichloroethene	79-01-6		U	4.84	0.484
Vinyl chloride	75-01-4		U	1.94	0.968
o-Xylene	95-47-6		U	0.968	0.484
m-,p-Xylene	136777-61-2		U	0.968	0.484
Surrogate	% Recovery	Lower	Upper	Qual	
Dibromofluoromethane	108	80	120		
1,2-Dichloroethane-d4	96.5	80	120		
Toluene-d8	105	81	117		
4-Bromofluorobenzene	98.1	74	121		

U Not detected at or above adjusted sample detection limit

Report Number: L0709398

Report Date : October 2, 2007

9511269

Sample Number: L0709398-03

Client ID: TB-1 0917

Matrix: Water

Workgroup Number: WG251027

Collect Date: 09/17/2007 00:01

Sample Tag: 01

PrePrep Method: NONE

Prep Method: 5030B

Analytical Method: 8260B

Analyst: CMS

Dilution: 1

Units: ug/L

Instrument: HPMS8

Prep Date: 09/26/2007 14:46

Cal Date: 09/25/2007 21:35

Run Date: 09/26/2007 14:46

File ID: 8M339949

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	0.667	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	96.0	86	118		
1,2-Dichloroethane-d4	87.3	80	120		
Toluene-d8	103	88	110		
4-Bromofluorobenzene	93.6	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

3 of 3

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

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

$$x = \frac{b \pm \sqrt{b^2 - 4a(c - y)}}{2a} \quad \text{(Two possible solutions)}$$

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: KJW

Date Prepared/Preserved: 9/19/07

Method: 8265[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:

KEMRON Environmental Services

Instrument Run Log

9511274

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

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9511275

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

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KEMRON Environmental Services Instrument Run Log

9511276

Instrument: HPMS9 Dataset: 091907
 Analyst1: MES Analyst2: NA
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20962

Internal Standard: STD21667 Surrogate Standard: STD21796
 CCV: STD21828 LCS: STD21763 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
 Workgroups: WG250439

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	9M56878	SYSTEM BLANK	NA	7	1		09/19/07 07:30
2	9M56879	WG250438-01 50NG BFB STD 8260	NA	7	1	STD21685	09/19/07 08:49
3	9M56880	WG250438-01 50NG BFB STD 8260	NA	7	1	STD21685	09/19/07 09:00
4	9M56881	WG250438-02 50ug/Kg SOIL STD 8260	NA	7	1	STD21828	09/19/07 09:24
5	9M56882	WG250439-01 VBLK0919 BLANK 8260	NA	7	1		09/19/07 09:56
6	9M56883	WG250439-02 20ug/Kg LCS 8260	NA	7	1	STD	09/19/07 10:27
7	9M56884	WG250439-03 20ug/Kg LCSDUP 8260	NA	7	1	STD	09/19/07 10:58
8	9M56885	L0709288-01 8260	NA	7	1		09/19/07 11:29
9	9M56886	L0709376-01 B A1 826-SPE	NA	7	1		09/19/07 12:00
10	9M56887	L0709319-01 B 826-SPE	NA	7	1		09/19/07 12:30
11	9M56888	L0709398-01 A 826-SPE	NA	7	1		09/19/07 13:01
12	9M56889	L0709398-02 A 826-SPE	NA	7	1		09/19/07 13:32
13	9M56890	L0709343-05 1000X SCREEN	NA	7	1		09/19/07 14:27
14	9M56891	L0709357-01 1000X SCREEN	NA	7	1		09/19/07 14:57
15	9M56892	L0709357-02 1000X SCREEN	NA	7	1		09/19/07 15:28
16	9M56893	SYSTEM BLANK	NA	7	1		09/19/07 15:58
17	9M56894	SYSTEM BLANK	NA	7	1		09/19/07 16:29

Comments

Seq.	Run	Dil.	Reason	Analytes
2				
	File ID: 9M56879			
	RR, BFB failed			
8				
	File ID: 9M56885			
	Changed from an A1 to a 00.			
10				
	File ID: 9M56887			
	Changed from an A1 to a 00.			

Approved: September 24, 2007

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KEMRON Environmental Services Instrument Run Log

9511277

Instrument HPMS8 Dataset: 092507
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10
Maintenance Log ID: 21000

Internal Standard: STD22081 Surrogate Standard: STD21916
CCV STD22050 LCS STD21934 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG251019

Comments Files 8M339893-8M339910: Troubleshooting/Tuning instrument.

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M339893	SYSTEM BLANK	NA	1	1		09/25/07 07:32
2	8M339894	BFB STD CHK	NA	1	1	STD21685	09/25/07 08:00
3	8M339895	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 08:47
4	8M339896	BFB STD CHK	NA	1	1	STD21685	09/25/07 09:10
5	8M339897	BFB STD CHK RETUNE 2	NA	1	1	STD21685	09/25/07 09:48
6	8M339898	BFB STD CHK 1365	NA	1	1	STD21685	09/25/07 10:04
7	8M339899	BFB STD CHK 1365	NA	1	1	STD21685	09/25/07 10:19
8	8M339900	SYSTEM BLANK IS CHK	NA	1	1		09/25/07 10:43
9	8M339901	BFB STD CHK 1388	NA	1	1	STD21685	09/25/07 11:15
10	8M339902	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 12:14
11	8M339903	BFB STD CHK 1424	NA	1	1	STD21685	09/25/07 12:43
12	8M339904	BFB STD CHK 1624	NA	1	1	STD21685	09/25/07 13:01
13	8M339905	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 13:28
14	8M339906	BFB STD CHK RETUNE	NA	1	1	STD21685	09/25/07 13:44
15	8M339907	BFB STD CHK	NA	1	1	STD21685	09/25/07 14:02
16	8M339908	BFB STD CHK	NA	1	1	STD21685	09/25/07 14:42
17	8M339909	RINSE	NA	1	1		09/25/07 15:11
18	8M339910	RINSE	NA	1	1		09/25/07 15:43
19	8M339911	WG251019-01 BFB 50ng STD 8260	NA	1	1	STD21685	09/25/07 16:11
20	8M339912	SYSTEM BLANK	NA	1	1		09/25/07 16:41
21	8M339913	WG251019-02 0.30ug/L STD 8260	NA	1	1	STD22050	09/25/07 17:11
22	8M339914	WG251019-03 0.40ug/L STD 8260	NA	1	1	STD22050	09/25/07 17:40
23	8M339915	WG251019-04 1ug/L STD 8260	NA	1	1	STD22050	09/25/07 18:10
24	8M339916	WG251019-05 2ug/L STD 8260	NA	1	1	STD22050	09/25/07 18:39
25	8M339917	WG251019-06 5ug/L STD 8260	NA	1	1	STD22050	09/25/07 19:08
26	8M339918	WG251019-07 20ug/L STD 8260	NA	1	1	STD22050	09/25/07 19:38
27	8M339919	WG251019-08 50ug/L STD 8260	NA	1	1	STD22050	09/25/07 20:07
28	8M339920	WG251019-09 100ug/L STD 8260	NA	1	1	STD22050	09/25/07 20:36
29	8M339921	WG251019-10 200ug/L STD 8260	NA	1	1	STD22050	09/25/07 21:05
30	8M339922	WG251019-11 300ug/L STD 8260	NA	1	1	STD22050	09/25/07 21:35
31	8M339923	SYSTEM BLANK	NA	1	1		09/25/07 22:04
32	8M339924	SYSTEM BLANK	NA	1	1		09/25/07 22:34
33	8M339925	WG251019-12 20ug/L ALT SRC STD 8260	NA	1	1	STD21934	09/25/07 23:03
34	8M339926	SYSTEM BLANK	NA	1	1		09/25/07 23:32

Approved: September 26, 2007

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9511278

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS8 Dataset: 092507
Analyst1: CMS Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 624 SOP: MSV10 Rev: 9
Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 21000

Internal Standard: STD22081 Surrogate Standard: STD21916
CCV: STD22050 LCS: STD21934 MS/MSD: NA
Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG251019

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	8M339927	SYSTEM BLANK	NA	1	1		09/26/07 00:02
36	8M339928	SYSTEM BLANK	NA	1	1		09/26/07 00:31
37	8M339929	SYSTEM BLANK	NA	1	1		09/26/07 01:01

Approved September 26, 2007



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KEMRON Environmental Services Instrument Run Log

9511279

Instrument: HPMS8 Dataset: 092607
 Analyst1: CMS Analyst2: NA
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 21025

Internal Standard: STD22081 Surrogate Standard: STD21916
 CCV: STD22050 LCS STD22080 MS/MSD: STD22080

Column 1 ID: RTX502 2 Column 2 ID: NA
 Workgroups: WG251027;WG251165

Comments

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	8M339931	WG251026-01 BFB 50ng STD 8260	NA	1	1	STD21685	09/26/07 05:54
2	8M339932	WG251026-02 50ug/L STD 8260	NA	1	1	STD22050	09/26/07 06:23
3	8M339933	WG251027-01 VBLK0926 BLANK 8260	NA	1	1		09/26/07 06:53
4	8M339934	WG251027-02 20ug/L LCS STD 8260	NA	1	1	STD21934	09/26/07 07:22
5	8M339935	WG251027-03 20ug/L LCSDUP STD 8260	NA	1	1	STD21934	09/26/07 07:52
6	8M339936	L0709371-02 B 5X 8260	<2	1	1		09/26/07 08:21
7	8M339937	L0709371-03 B 8260	<2	1	1		09/26/07 08:51
8	8M339938	L0709402-11 B 5000X 826-SPE D1	<2	1	5000		09/26/07 09:20
9	8M339939	L0709402-06 B 50X 826-SPE D1	<2	1	50		09/26/07 09:50
10	8M339940	L0709402-07 B 50X 826-SPE D1	<2	1	50		09/26/07 10:19
11	8M339941	L0709402-08 B 826-SPE	<2	1	1		09/26/07 10:49
12	8M339942	L0709402-09 B 826-SPE	<2	1	1		09/26/07 11:19
13	8M339943	L0709402-13 B 826-SPE	<2	1	1		09/26/07 11:48
14	8M339944	L0709402-14 B 826-SPE	<2	1	1		09/26/07 12:18
15	8M339945	L0709402-15 B 826-SPE	<2	1	1		09/26/07 12:48
16	8M339946	L0709402-16 B 826-SPE	<2	1	1		09/26/07 13:18
17	8M339947	L0709402-12 B 10X 826-SPE	<2	1	10		09/26/07 13:47
18	8M339948	L0709402-12 B 826-SPE	<2	1	1		09/26/07 14:17
19	8M339949	L0709398-03 A 826-SPE	<2	1	1		09/26/07 14:46
20	8M339950	L0709439-01 A 826-SPE	<2	1	1		09/26/07 15:16
21	8M339951	L0709440-14 A 826-SPE	<2	1	1		09/26/07 15:46
22	8M339952	L0709442-04 B 826-SPE	<2	1	1		09/26/07 16:15
23	8M339953	WG251164-01 BFB 50ng STD 8260	NA	1	1	STD21685	09/26/07 16:42
24	8M339954	WG251164-02 50ug/L STD 8260	NA	1	1	STD22050	09/26/07 17:07
25	8M339955	WG251165-01 VBLK0926 BLANK 8260	NA	1	1		09/26/07 17:36
26	8M339956	WG251165-02 20ug/L LCS STD 8260	NA	1	1	STD22080	09/26/07 18:06
27	8M339957	L0709402-11 B 10000X 826-SPE D2	<2	1	10000		09/26/07 18:36
28	8M339958	L0709411-08 A 826-SPE	<2	1	1		09/26/07 19:06
29	8M339959	L0709411-09 A 826-SPE	<2	1	1		09/26/07 19:35
30	8M339960	L0709411-10 A 826-SPE	<2	1	1		09/26/07 20:05
31	8M339961	L0709411-11 A 826-SPE	<2	1	1		09/26/07 20:35
32	8M339962	L0709411-12 MS A 826-SPE	<2	1	1	STD22080	09/26/07 21:05
33	8M339963	L0709411-13 MSD A 826-SPE	<2	1	1	STD22080	09/26/07 21:34
34	8M339964	L0709440-01 A 826-SPE	<2	1	1		09/26/07 22:04

Approved: September 28, 2007

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9511280

KEMRON Environmental Services
Instrument Run Log

Instrument: HPMS8 Dataset: 092607
 Analyst1: CMS Analyst2: NA
 Method: 8260B SOP: MSV01 Rev: 10
 Method: 5030B SOP: PAT01 Rev: 10

Maintenance Log ID: 21025

Internal Standard: STD22081 Surrogate Standard: STD21916
 CCV: STD22050 LCS: STD22080 MS/MSD: STD22080
 Column 1 ID: RTX502.2 Column 2 ID: NA
 Workgroups: WG251027, WG251165

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	8M339965	L0709440-02 A 826-SPE	<2	1	1		09/26/07 22:34
36	8M339966	L0709440-03 A 826-SPE	<2	1	1		09/26/07 23:04
37	8M339967	L0709440-04 A 826-SPE	<2	1	1		09/26/07 23:33
38	8M339968	L0709440-05 A 2 5X 826-SPE	<2	1	2.5		09/27/07 00:03
39	8M339969	L0709440-06 A 826-SPE	<2	1	1		09/27/07 00:33
40	8M339970	L0709440-07 A 826-SPE	<2	1	1		09/27/07 01:03
41	8M339971	L0709440-08 A 826-SPE	<2	1	1		09/27/07 01:33
42	8M339972	L0709440-09 A 826-SPE	<2	1	1		09/27/07 02:03
43	8M339973	L0709440-10 A 50X 826-SPE D1	<2	1	50		09/27/07 02:32
44	8M339974	L0709440-11 A 5X 826-SPE	<2	1	5		09/27/07 03:02
45	8M339975	L0709440-12 A 826-SPE	<2	1	1		09/27/07 03:32
46	8M339976	L0709440-13 A 826-SPE	<2	1	1		09/27/07 04:02

Comments

Seq.	Rerun	Dil.	Reason	Analytes
8	X	10000	Over Calibration Range	MeCl
File ID: 8M339938				
17	X	1	Analyzed too dilute	
File ID: 8M339947				
DNR				
37	X	10	Over Calibration Range	cis-1,2-DCE, TCE
File ID: 8M339967				
43	X	10	Analyzed too dilute	
File ID: 8M339973				

Approved: September 28, 2007



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KEMRON Environmental Services
Data Checklist

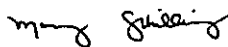
9511281

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




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KEMRON Environmental Services
Data Checklist

Date: 19-SEP-2007
Analyst: MES
Analyst: NA
Method: 8260
Instrument: HPMS9
Curve Workgroup: NA
Runlog ID: 18375
Analytical Workgroups: WG250439

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:
24-SEP-2007

Mary Sullivan

Secondary Reviewer:
24-SEP-2007

Richard

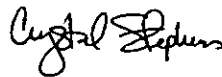
9511283

KEMRON Environmental Services
Data Checklist

Date: 25-SEP-2007
 Analyst: CMS
 Analyst: NA
 Method: 8260B/624
 Instrument: HPMS8
 Curve Workgroup: NA
 Runlog ID: 18423
 Analytical Workgroups: WG251019

System Performance Check	
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	NA
Dilutions Run	NA
Reruns	NA
Manual Integrations	NA
Case Narrative	NA
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
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:
26-SEP-2007



Secondary Reviewer:
26-SEP-2007



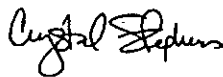
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KEMRON Environmental Services
Data Checklist

Date: 26-SEP-2007
 Analyst: CMS
 Analyst: NA
 Method: 8260B
 Instrument: HPMS8
 Curve Workgroup: NA
 Runlog ID: 18452
 Analytical Workgroups: WG251027;WG251165

System Performance Check	X
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	X
Reruns	X
Manual Integrations	NA
Case Narrative	X
Results Reporting/Data Qualifiers	X
KOBRA Workgroup Data	X
Check for Completeness	X
Primary Reviewer	CMS
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:
27-SEP-2007



Secondary Reviewer:
28-SEP-2007



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KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

9511285

Analytical Method: 8260B

AAB#: WG251027

Login Number: L0709398

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_0917	09/17/07	09/18/07	09/26/07	14	9.61	09/26/07	14	9.61	

* EXT = SEE PROJECT QAPP REQUIREMENTS

* ANAL = SEE PROJECT QAPP REQUIREMENTS

9511286

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B

AAB#: WG250439

Login Number: L0709398

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
MW232_SS_127	09/17/07	09/18/07	09/19/07	14	1.91	09/19/07	14	1.91	
MW232_SS_127-D	09/17/07	09/18/07	09/19/07	14	1.93	09/19/07	14	1.93	

* EXT = SEE PROJECT QAPP REQUIREMENTS

* ANAL = SEE PROJECT QAPP REQUIREMENTS

SURROGATE STANDARDS

Login Number: L0709398

Method: 8260

Instrument Id: HPMS9

CAL ID: HPMS9-14-AUG-07

Workgroup (AAB#): WG250439

Matrix: Soil

Sample Number	Dilution	Tag	1	2	3	4
L0709398-01	1.00	01	92.0	103	93.1	99.7
L0709398-02	1.00	01	96.5	108	98.1	105
WG250439-01	1.00	01	103	114	101	108
WG250439-02	1.00	01	96.6	109	98.0	106
WG250439-03	1.00	01	91.0	106	94.8	104

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

9511288

SURROGATE STANDARDS

Login Number: L0709398

Method: 8260

Instrument Id: HPMS8

CAL ID: HPMS8-25-SEP-07

Workgroup (AAB#): WG251027

Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0709398-03	1.00	01	87.3	96.0	93.6	103
WG251027-01	1.00	01	93.8	97.8	95.3	103
WG251027-02	1.00	01	93.6	98.2	97.0	104
WG251027-03	1.00	01	91.4	96.4	96.2	102

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

METHOD BLANK SUMMARY

Login Number: L0709398 _____ Work Group: WG251027 _____
Blank File ID: 8M339933 _____ Blank Sample ID: WG251027-01 _____
Prep Date: 09/26/07 06:53 _____ Instrument ID: HPMS8 _____
Analyzed Date: 09/26/07 06:53 _____ Method: 8260B _____
Analyst: CMS _____

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG251027-02	8M339934	09/26/07 07:22	01
LCS2	WG251027-03	8M339935	09/26/07 07:52	01
TB-1_0917	L0709398-03	8M339949	09/26/07 14:46	01

9511290

METHOD BLANK SUMMARY

Login Number: L0709398
Blank File ID: 9M56882
Prep Date: 09/19/07 09:56
Analyzed Date: 09/19/07 09:56
Analyst: MES

Work Group: WG250439
Blank Sample ID: WG250439-01
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	WG250439-02	9M56883	09/19/07 10:27	01
LCS2	WG250439-03	9M56884	09/19/07 10:58	01
MW232_SS_127	L0709398-01	9M56888	09/19/07 13:01	01
MW232_SS_127-D	L0709398-02	9M56889	09/19/07 13:32	01

METHOD BLANK REPORT

Login Number: L0709398 Prep Date: 09/26/07 06:53 Sample ID: WG251027-01
 Instrument ID: HPMS8 Run Date: 09/26/07 06:53 Prep Method: 5030B
 File ID: 8M339933 Analyst: CMS Method: 8260B
 Workgroup (AAB#): WG251027 Matrix: Water Units: ug/L
 Contract #: DACA87-02-D-0006 Cal ID: HPMS8-25-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	97.8	86 - 118	PASS
1,2-Dichloroethane-d4	93.8	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	95.3	86 - 115	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID: 889604
 Report generated 10/01/2007 11:40

9511292

METHOD BLANK REPORT

Login Number: L0709398 Prep Date: 09/26/07 06:53 Sample ID: WG251027-01
Instrument ID: HPMS8 Run Date: 09/26/07 06:53 Prep Method: 5030B
File ID: 8M339933 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG251027 Matrix: Water Units: ug/L
Contract #: DACA87-02-D-0006 Cal ID: HPMS8-25-SEP-07

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

METHOD BLANK REPORT

Login Number: L0709398 Prep Date: 09/19/07 09:56 Sample ID: WG250439-01
 Instrument ID: HPMS9 Run Date: 09/19/07 09:56 Prep Method: 5030B
 File ID: 9M56882 Analyst: MES Method: 8260B
 Workgroup (AAB#): WG250439 Matrix: Soil Units: ug/kg
 Contract #: DACA87-02-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	114	80 - 120	PASS
1,2-Dichloroethane-d4	103	80 - 120	PASS
Toluene-d8	108	81 - 117	PASS
4-Bromofluorobenzene	101	74 - 121	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID: 889604
 Report generated 10/01/2007 11:40

9511294

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number: L0709398 Prep Date: 09/19/07 09:56 Sample ID: WG250439-01
Instrument ID: HPMS9 Run Date: 09/19/07 09:56 Prep Method: 5030B
File ID: 9M56882 Analyst: MES Method: 8260B
Workgroup (AAB#): WG250439 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: 889604
Report generated 10/01/2007 11:40

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709398 Analyst: CMS Prep Method: 5030B
 Instrument ID: HPMS8 Matrix: Water Method: 8260B
 Workgroup (AAB#): WG251027 Units: ug/L
 QC Key: STD Lot #: STD21934

Sample ID: WG251027-02 LCS File ID: 8M339934 Run Date: 09/26/2007 07:22

Sample ID: WG251027-03 LCS2 File ID: 8M339935 Run Date: 09/26/2007 07:52

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	22.6	113	20.0	22.4	112	0.581	40 - 142	20	
Benzene	20.0	20.8	104	20.0	20.6	103	0.889	80 - 121	20	
Bromodichloromethane	20.0	23.3	116	20.0	23.0	115	1.39	80 - 131	20	
Bromoform	20.0	22.4	112	20.0	22.4	112	0.442	70 - 130	20	
Bromomethane	20.0	26.0	130	20.0	25.8	129	0.715	30 - 145	20	
2-Butanone	20.0	22.2	111	20.0	21.8	109	1.92	30 - 150	20	
Carbon disulfide	20.0	19.9	99.3	20.0	20.1	101	1.41	58 - 138	20	
Carbon tetrachloride	20.0	23.5	118	20.0	23.1	116	1.75	65 - 140	20	
Chlorobenzene	20.0	21.3	107	20.0	20.9	104	2.24	80 - 120	20	
Chlorodibromomethane	20.0	23.5	117	20.0	22.6	113	3.77	60 - 135	20	
Chloroethane	20.0	23.4	117	20.0	22.8	114	2.73	60 - 135	20	
Chloroform	20.0	21.5	108	20.0	21.3	106	1.13	80 - 125	20	
Chloromethane	20.0	21.5	107	20.0	20.8	104	2.97	40 - 125	20	
1,1-Dichloroethane	20.0	21.7	109	20.0	21.3	107	1.97	80 - 125	20	
1,2-Dichloroethane	20.0	21.7	109	20.0	21.3	107	1.71	80 - 129	20	
1,1-Dichloroethene	20.0	23.7	119	20.0	23.1	116	2.53	80 - 132	20	
cis-1,2-Dichloroethene	20.0	22.5	113	20.0	22.4	112	0.729	70 - 125	20	
trans-1,2-Dichloroethene	20.0	22.0	110	20.0	21.7	108	1.52	80 - 127	20	
1,2-Dichloropropane	20.0	21.7	109	20.0	21.4	107	1.55	80 - 120	20	
cis-1,3-Dichloropropene	20.0	22.2	111	20.0	21.8	109	1.86	70 - 130	20	
trans-1,3-Dichloropropene	20.0	20.9	104	20.0	20.5	103	1.64	80 - 130	20	
Ethylbenzene	20.0	23.2	116	20.0	22.9	115	1.06	80 - 122	20	
2-Hexanone	20.0	20.9	104	20.0	20.2	101	3.48	55 - 130	20	
4-Methyl-2-pentanone	20.0	20.9	104	20.0	20.9	105	0.0323	64 - 140	20	
Methylene chloride	20.0	21.3	106	20.0	20.9	105	1.64	80 - 123	20	
Styrene	20.0	22.9	115	20.0	22.5	112	1.96	80 - 123	20	
1,1,2,2-Tetrachloroethane	20.0	22.4	112	20.0	22.3	112	0.504	79 - 125	20	
Tetrachloroethene	20.0	23.8	119	20.0	23.3	116	2.19	80 - 124	20	
Toluene	20.0	22.3	112	20.0	21.7	108	2.96	80 - 124	20	
1,1,1-Trichloroethane	20.0	23.4	117	20.0	22.9	115	1.96	80 - 134	20	
1,1,2-Trichloroethane	20.0	22.3	112	20.0	22.0	110	1.54	80 - 125	20	
Trichloroethene	20.0	23.0	115	20.0	22.9	114	0.555	80 - 122	20	
Vinyl chloride	20.0	21.9	109	20.0	21.3	106	2.82	65 - 140	20	
o-Xylene	20.0	22.4	112	20.0	22.1	111	1.40	80 - 122	20	
m-,p-Xylene	40.0	43.7	109	40.0	43.1	108	1.38	80 - 122	20	

9511296

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709398 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS8 Matrix: Water Method: 8260B
Workgroup (AAB#): WG251027 Units: ug/L
QC Key: STD Lot #: STD21934
Sample ID: WG251027-02 LCS File ID: 8M339934 Run Date: 09/26/2007 07:22
Sample ID: WG251027-03 LCS2 File ID: 8M339935 Run Date: 09/26/2007 07:52

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	98.2	96.4	86 - 118	PASS
1,2-Dichloroethane-d4	93.6	91.4	80 - 120	PASS
Toluene-d8	104	102	88 - 110	PASS
4-Bromofluorobenzene	97.0	96.2	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709398 Analyst: MES Prep Method: 5030B
Instrument ID: HPMS9 Matrix: Soil Method: 8260B
Workgroup (AAB#): WG250439 Units: ug/kg
QC Key: STD Lot #: STD21763

Sample ID: WG250439-02 LCS File ID: 9M56883 Run Date: 09/19/2007 10:27
Sample ID: WG250439-03 LCS2 File ID: 9M56884 Run Date: 09/19/2007 10:58

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Acetone	20.0	17.8	88.8	20.0	15.2	76.2	15.3	20 - 160	30	
Benzene	20.0	21.9	109	20.0	21.1	105	3.80	70 - 139	30	
Bromodichloromethane	20.0	23.4	117	20.0	21.4	107	8.74	72 - 137	30	
Bromoform	20.0	26.7	134	20.0	23.4	117	13.4	49 - 136	30	
Bromomethane	20.0	25.8	129	20.0	24.6	123	4.72	37 - 143	30	
2-Butanone	20.0	20.0	100	20.0	18.5	92.3	8.13	37 - 172	30	
Carbon disulfide	20.0	17.4	87.0	20.0	17.5	87.3	0.247	39 - 139	30	
Carbon tetrachloride	20.0	24.2	121	20.0	23.2	116	4.13	59 - 136	30	
Chlorobenzene	20.0	22.6	113	20.0	21.2	106	6.23	70 - 130	30	
Chlorodibromomethane	20.0	25.3	127	20.0	22.5	113	11.8	59 - 136	30	
Chloroethane	20.0	21.7	108	20.0	19.8	99.1	8.86	52 - 135	30	
Chloroform	20.0	21.3	107	20.0	20.2	101	5.37	74 - 129	30	
Chloromethane	20.0	18.7	93.5	20.0	18.3	91.7	1.95	30 - 131	30	
1,1-Dichloroethane	20.0	19.9	99.7	20.0	19.1	95.6	4.19	75 - 125	30	
1,2-Dichloroethane	20.0	20.4	102	20.0	19.2	96.0	6.16	63 - 133	30	
1,1-Dichloroethene	20.0	23.5	118	20.0	22.7	114	3.42	65 - 135	30	
cis-1,2-Dichloroethene	20.0	23.1	116	20.0	22.6	113	2.20	65 - 135	30	
trans-1,2-Dichloroethene	20.0	22.3	112	20.0	21.6	108	3.48	65 - 139	30	
1,2-Dichloropropane	20.0	21.6	108	20.0	20.4	102	5.74	70 - 130	30	
cis-1,3-Dichloropropene	20.0	22.7	114	20.0	20.9	105	8.24	70 - 142	30	
trans-1,3-Dichloropropene	20.0	20.6	103	20.0	18.9	94.6	8.65	56 - 135	30	
Ethylbenzene	20.0	23.7	118	20.0	21.9	110	7.63	70 - 130	30	
2-Hexanone	20.0	18.7	93.4	20.0	18.5	92.3	1.18	45 - 145	30	
Methylene chloride	20.0	20.8	104	20.0	19.8	99.1	4.90	74 - 128	30	
MIBK (methyl isobutyl ketone)	20.0	21.4	107	20.0	20.2	101	6.06	47 - 146	30	
Styrene	20.0	25.6	128	20.0	23.5	118	8.49	74 - 130	30	
1,1,1,2-Tetrachloroethane	20.0	23.2	116	20.0	21.0	105	10.0	55 - 130	30	
Tetrachloroethene	20.0	23.6	118	20.0	22.7	114	3.60	72 - 130	30	
Toluene	20.0	22.3	112	20.0	21.1	106	5.47	77 - 126	30	
1,1,1-Trichloroethane	20.0	22.3	111	20.0	21.5	108	3.39	70 - 135	30	
1,1,2-Trichloroethane	20.0	23.8	119	20.0	21.6	108	9.40	60 - 125	30	
Trichloroethene	20.0	24.8	124	20.0	23.7	119	4.37	72 - 126	30	
Vinyl chloride	20.0	23.1	115	20.0	22.3	111	3.49	25 - 130	30	
o-Xylene	20.0	24.2	121	20.0	22.8	114	6.09	70 - 130	30	
m-,p-Xylene	40.0	47.9	120	40.0	45.2	113	5.88	70 - 130	30	

9511298

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709398 Analyst: MES Prep Method: 5030B
Instrument ID: HPMS9 Matrix: Soil Method: 8260B
Workgroup (AAB#): WG250439 Units: ug/kg
QC Key: STD Lot #: STD21763
Sample ID: WG250439-02 LCS File ID: 9M56883 Run Date: 09/19/2007 10:27
Sample ID: WG250439-03 LCS2 File ID: 9M56884 Run Date: 09/19/2007 10:58

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	109	106	80 - 120	PASS
1,2-Dichloroethane-d4	96.6	91.0	80 - 120	PASS
Toluene-d8	106	104	81 - 117	PASS
4-Bromofluorobenzene	98.0	94.8	74 - 121	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709398 _____ Tune ID: WG251019-01 _____
Instrument: HPMS8 _____ Run Date: 09/25/2007 _____
Analyst: CMS _____ Run Time: 16:11 _____
Workgroup: WG251019 _____ File ID: 8M339911 _____
Cal ID: HPMS8-25-SEP-07 _____

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	20.0	9464	PASS
75.0	95.0	30.0	60.0	43.2	20426	PASS
95.0	95.0	100	100	100	47232	PASS
96.0	95.0	5.00	9.00	6.69	3162	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	77.8	36770	PASS
175	174	5.00	9.00	7.09	2607	PASS
176	174	95.0	101	96.4	35450	PASS
177	176	5.00	9.00	7.16	2538	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG251019-02	STD	01	09/25/2007 17:11	
WG251019-03	STD	01	09/25/2007 17:40	
WG251019-04	STD	01	09/25/2007 18:10	
WG251019-05	STD	01	09/25/2007 18:39	
WG251019-06	STD	01	09/25/2007 19:08	
WG251019-07	STD	01	09/25/2007 19:38	
WG251019-08	STD-CCV	01	09/25/2007 20:07	
WG251019-09	STD	01	09/25/2007 20:36	
WG251019-10	STD	01	09/25/2007 21:05	
WG251019-11	STD	01	09/25/2007 21:35	
WG251019-12	SSCV	01	09/25/2007 23:03	

* Sample past 12 hour tune limit

9511300

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709398

Tune ID: WG251026-01

Instrument: HPMS8

Run Date: 09/26/2007

Analyst: CMS

Run Time: 05:54

Workgroup: WG251026

File ID: 8M339931

Cal ID: HPMS8-25-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	19.2	11589	PASS
75.0	95.0	30.0	60.0	40.2	24301	PASS
95.0	95.0	100	100	100	60386	PASS
96.0	95.0	5.00	9.00	6.67	4025	PASS
173	174	0	2.00	0.305	155	PASS
174	95.0	50.0	100	84.1	50786	PASS
175	174	5.00	9.00	7.13	3622	PASS
176	174	95.0	101	96.6	49040	PASS
177	176	5.00	9.00	6.18	3029	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG251026-02	CCV	01	09/26/2007 06:23	
WG251027-01	BLANK	01	09/26/2007 06:53	
WG251027-02	LCS	01	09/26/2007 07:22	
WG251027-03	LCS2	01	09/26/2007 07:52	
L0709398-03	TB-1_0917	01	09/26/2007 14:46	

* Sample past 12 hour tune limit

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

9511301

BFB

Login Number: L0709398_____
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

9511302

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709398

Tune ID: WG250438-01

Instrument: HPMS9

Run Date: 09/19/2007

Analyst: MES

Run Time: 09:00

Workgroup: WG250438

File ID: 9M56880

Cal ID: HPMS9-14-AUG-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	17.7	2865	PASS
75.0	95.0	30.0	60.0	41.8	6772	PASS
95.0	95.0	100	100	100	16203	PASS
96.0	95.0	5.00	9.00	6.47	1048	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	89.9	14570	PASS
175	174	5.00	9.00	6.95	1013	PASS
176	174	95.0	101	98.0	14272	PASS
177	176	5.00	9.00	6.60	942	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG250438-02	CCV-S	01	09/19/2007 09:24	
WG250439-01	BLANK	01	09/19/2007 09:56	
WG250439-02	LCS	01	09/19/2007 10:27	
WG250439-03	LCS2	01	09/19/2007 10:58	
L0709398-01	MW232_SS_127	01	09/19/2007 13:01	
L0709398-02	MW232_SS_127-D	01	09/19/2007 13:32	

* Sample past 12 hour tune limit

INITIAL CALIBRATION SUMMARY

Login Number: L0709398

Instrument ID: HPMS8

Analytical Method: 8260B

Initial Calibration Date: 25-SEP-07 21:35

ICAL Workgroup: WG251019

Column ID: F

Analyte		AVG RF	% RSD	LINEAR (R)	QUAD (R ²)
1,1-Dichloroethene	CCC	0.3400	10.3		
1,2-Dichloropropane	CCC	0.2288	3.60		
Chloroform	CCC	0.3867	6.19		
Ethylbenzene	CCC	0.4339	14.1		
Toluene	CCC	1.216	11.2		
Vinyl Chloride	CCC	0.1177	17.4		1.00
1,1,2,2-Tetrachloroethane	SPCC	0.3457	5.12		
1,1-Dichloroethane	SPCC	0.4272	3.99		
Bromoform	SPCC	0.1255	11.9		
Chlorobenzene	SPCC	0.8824	14.9		
Chloromethane	SPCC	0.2069	11.3		
1,1,1-Trichloroethane		0.3311	7.94		
1,1,2-Trichloroethane		0.1857	5.67		
1,2-Dichloroethane		0.2639	6.26		
2-Butanone		0.05430	3.09		
2-Hexanone		0.05350	5.54		
4-Methyl-2-Pentanone		0.04528	3.65		
Acetone		0.03555	5.39		
Benzene		0.9202	9.71		
Bromodichloromethane		0.2590	7.11		
Bromomethane		0.1451	8.80		
Carbon Disulfide		0.6379	9.48		
Carbon Tetrachloride		0.2824	10.7		
Chloroethane		0.1759	7.41		
Dibromochloromethane		0.2249	12.4		
Methylene Chloride		0.3471	62.8		1.00
Styrene		0.9018	10.8		
Tetrachloroethene		0.2413	8.56		
Trichloroethene		0.2447	6.59		
cis-1,2-Dichloroethene		0.2441	4.99		
cis-1,3-Dichloropropene		0.3280	4.89		
m-,p-Xylene		0.5622	9.30		
o-Xylene		0.5570	10.7		
trans-1,2-Dichloroethene		0.3438	5.75		
trans-1,3-Dichloropropene		0.3430	4.65		

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: 889606
 Report generated 10/01/2007 11:40

9511304

INITIAL CALIBRATION SUMMARY

Login Number: L0709398

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		
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

KEMRON FORMS - Modified 01/18/2007
Version 1.5 PDF File ID: 889606
Report generated 10/01/2007 11:40

INITIAL CALIBRATION DATA

Login Number: L0709398

Instrument ID: HPMS8

Analytical Method: 8260B

Initial Calibration Date: 25-SEP-07 21:35

Column ID: F

Analyte	WG251019-02			WG251019-03			WG251019-04		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	NA	NA	NA	0.400	2913.00000	0.2763	1.00	9395.00000	0.3494
1,2-Dichloropropane	NA	NA	NA	0.400	2340.00000	0.2220	1.00	6269.00000	0.2332
Chloroform	0.300	3354.00000	0.4204	0.400	4333.00000	0.4110	1.00	10769.00000	0.4005
Ethylbenzene	NA	NA	NA	0.400	3804.00000	0.4668	1.00	9923.00000	0.4745
Toluene	NA	NA	NA	0.400	11137.00000	1.367	1.00	27843.00000	1.332
Vinyl Chloride	NA	NA	NA	NA	NA	NA	1.00	4135.00000	0.1538
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.400	1381.00000	0.3097	1.00	3938.00000	0.3489
1,1-Dichloroethane	NA	NA	NA	0.400	4706.00000	0.4464	1.00	11758.00000	0.4373
Bromoform	NA	NA	NA	NA	NA	NA	1.00	2157.00000	0.1031
Chlorobenzene	0.300	6269.00000	1.013	0.400	8321.00000	1.021	1.00	20110.00000	0.9617
Chloromethane	NA	NA	NA	NA	NA	NA	1.00	6751.00000	0.2511
1,1,1-Trichloroethane	NA	NA	NA	0.400	3104.00000	0.2944	1.00	9218.00000	0.3428
1,1,2-Trichloroethane	NA	NA	NA	0.400	1617.00000	0.1984	1.00	3963.00000	0.1895
1,2-Dichloroethane	NA	NA	NA	0.400	2540.00000	0.2409	1.00	7367.00000	0.2740
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	9966.00000	0.9453	1.00	27364.00000	1.018
Bromodichloromethane	NA	NA	NA	0.400	2319.00000	0.2200	1.00	6931.00000	0.2578
Bromomethane	NA	NA	NA	NA	NA	NA	1.00	3733.00000	0.1388
Carbon Disulfide	NA	NA	NA	NA	NA	NA	1.00	18250.00000	0.6788
Carbon Tetrachloride	NA	NA	NA	0.400	2484.00000	0.2356	1.00	7724.00000	0.2873
Chloroethane	NA	NA	NA	NA	NA	NA	1.00	4817.00000	0.1792
Dibromochloromethane	NA	NA	NA	0.400	1399.00000	0.1717	1.00	4363.00000	0.2086
Methylene Chloride	NA	NA	NA	0.400	8769.00000	0.8318	1.00	13022.00000	0.4843
Styrene	NA	NA	NA	0.400	7938.00000	0.9742	1.00	19858.00000	0.9496
Tetrachloroethene	NA	NA	NA	0.400	1830.00000	0.2246	1.00	5076.00000	0.2427
Trichloroethene	NA	NA	NA	0.400	2480.00000	0.2352	1.00	6916.00000	0.2572
cis-1,2-Dichloroethene	NA	NA	NA	0.400	2720.00000	0.2580	1.00	6666.00000	0.2479
cis-1,3-Dichloropropene	NA	NA	NA	0.400	3636.00000	0.3449	1.00	8354.00000	0.3107
m-,p-Xylene	NA	NA	NA	0.800	9470.00000	0.5811	2.00	25780.00000	0.6164
o-Xylene	NA	NA	NA	0.400	4876.00000	0.5984	1.00	12462.00000	0.5959
trans-1,2-Dichloroethene	NA	NA	NA	0.400	3363.00000	0.3190	1.00	9710.00000	0.3611
trans-1,3-Dichloropropene	NA	NA	NA	0.400	2787.00000	0.3420	1.00	6848.00000	0.3275

9511306

INITIAL CALIBRATION DATA

Login Number: L0709398

Instrument ID: HPMS8

Analytical Method: 8260B

Initial Calibration Date: 25-SEP-07 21:35

Column ID: F

Analyte	WG251019-05			WG251019-06			WG251019-07		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	2.00	18076.0000	0.3350	5.00	40131.0000	0.2990	20.0	203380.000	0.3737
1,2-Dichloropropane	2.00	12672.0000	0.2348	5.00	30551.0000	0.2276	20.0	130045.000	0.2390
Chloroform	2.00	20975.0000	0.3887	5.00	49211.0000	0.3666	20.0	215531.000	0.3961
Ethylbenzene	2.00	20351.0000	0.4859	5.00	45939.0000	0.4391	20.0	202811.000	0.4755
Toluene	2.00	53770.0000	1.284	5.00	124708.000	1.192	20.0	548294.000	1.285
Vinyl Chloride	2.00	7205.00000	0.1335	5.00	12846.0000	0.09570	20.0	65023.0000	0.1195
1,1,2,2-Tetrachloroethane	2.00	7873.00000	0.3438	5.00	20060.0000	0.3556	20.0	84385.0000	0.3679
1,1-Dichloroethane	2.00	22833.0000	0.4231	5.00	54140.0000	0.4033	20.0	241998.000	0.4447
Bromoform	2.00	4703.00000	0.1123	5.00	12207.0000	0.1167	20.0	58168.0000	0.1364
Chlorobenzene	2.00	39406.0000	0.9408	5.00	92533.0000	0.8845	20.0	390436.000	0.9153
Chloromethane	2.00	11760.0000	0.2179	5.00	24116.0000	0.1797	20.0	112531.000	0.2068
1,1,1-Trichloroethane	2.00	18366.0000	0.3403	5.00	39819.0000	0.2966	20.0	197857.000	0.3636
1,1,2-Trichloroethane	2.00	7793.00000	0.1861	5.00	19895.0000	0.1902	20.0	83262.0000	0.1952
1,2-Dichloroethane	2.00	14944.0000	0.2769	5.00	37037.0000	0.2759	20.0	152376.000	0.2800
2-Butanone	NA	NA	NA	5.00	7196.00000	0.05360	20.0	30717.0000	0.05640
2-Hexanone	NA	NA	NA	5.00	4989.00000	0.04770	20.0	23749.0000	0.05570
4-Methyl-2-Pentanone	NA	NA	NA	5.00	5757.00000	0.04290	20.0	25695.0000	0.04720
Acetone	NA	NA	NA	5.00	4953.00000	0.03690	20.0	20393.0000	0.03750
Benzene	2.00	54531.0000	1.011	5.00	125104.000	0.9320	20.0	520865.000	0.9572
Bromodichloromethane	2.00	14057.0000	0.2605	5.00	34455.0000	0.2567	20.0	151665.000	0.2787
Bromomethane	2.00	7514.00000	0.1392	5.00	16488.0000	0.1228	20.0	79087.0000	0.1453
Carbon Disulfide	2.00	31115.0000	0.5766	5.00	74467.0000	0.5548	20.0	387898.000	0.7128
Carbon Tetrachloride	2.00	15615.0000	0.2893	5.00	32501.0000	0.2421	20.0	171964.000	0.3160
Chloroethane	2.00	9442.00000	0.1750	5.00	19999.0000	0.1490	20.0	102072.000	0.1876
Dibromochloromethane	2.00	8740.00000	0.2087	5.00	23532.0000	0.2249	20.0	108252.000	0.2538
Methylene Chloride	2.00	18422.0000	0.3414	5.00	35451.0000	0.2641	20.0	126663.000	0.2328
Styrene	2.00	40040.0000	0.9560	5.00	96027.0000	0.9179	20.0	417990.000	0.9799
Tetrachloroethene	2.00	11056.0000	0.2640	5.00	23464.0000	0.2243	20.0	114377.000	0.2681
Trichloroethene	2.00	13621.0000	0.2524	5.00	30259.0000	0.2254	20.0	144806.000	0.2661
cis-1,2-Dichloroethene	2.00	13266.0000	0.2458	5.00	32158.0000	0.2396	20.0	139743.000	0.2568
cis-1,3-Dichloropropene	2.00	17205.0000	0.3188	5.00	43873.0000	0.3268	20.0	189264.000	0.3478
m-,p-Xylene	4.00	50508.0000	0.6029	10.0	114846.000	0.5489	40.0	502953.000	0.5896
o-Xylene	2.00	24934.0000	0.5953	5.00	58658.0000	0.5607	20.0	255950.000	0.6001
trans-1,2-Dichloroethene	2.00	19093.0000	0.3538	5.00	42871.0000	0.3194	20.0	199348.000	0.3663
trans-1,3-Dichloropropene	2.00	14245.0000	0.3401	5.00	36190.0000	0.3459	20.0	157750.000	0.3698

INITIAL CALIBRATION DATA

Login Number: L0709398

Instrument ID: HPMS8

Analytical Method: 8260B

Initial Calibration Date: 25-SEP-07 21:35

Column ID: F

Analyte	WG251019-08			WG251019-09			WG251019-10		
	CONC	RESP	RF	CONC	RESP	RF	CONC	RESP	RF
1,1-Dichloroethene	50.0	498982.000	0.3705	100	949045.000	0.3632	200	1892764.00	0.3532
1,2-Dichloropropane	50.0	314090.000	0.2332	100	593039.000	0.2270	200	1142370.00	0.2132
Chloroform	50.0	518192.000	0.3848	100	963621.000	0.3688	200	1841743.00	0.3437
Ethylbenzene	50.0	467018.000	0.4403	100	815346.000	0.3839	200	1326698.00	0.3053
Toluene	50.0	1292214.00	1.218	100	2330746.00	1.097	200	4146136.00	0.9541
Vinyl Chloride	50.0	155035.000	0.1151	100	283241.000	0.1084	200	525324.000	0.09800
1,1,2,2-Tetrachloroethane	50.0	205864.000	0.3568	100	403618.000	0.3497	200	774465.000	0.3333
1,1-Dichloroethane	50.0	587247.000	0.4360	100	1106178.00	0.4233	200	2160769.00	0.4032
Bromoform	50.0	148707.000	0.1402	100	298782.000	0.1407	200	561500.000	0.1292
Chlorobenzene	50.0	893778.000	0.8426	100	1585538.00	0.7465	200	2676342.00	0.6158
Chloromethane	50.0	266127.000	0.1976	100	490984.000	0.1879	200	1111821.00	0.2075
1,1,1-Trichloroethane	50.0	479984.000	0.3564	100	890373.000	0.3407	200	1681693.00	0.3138
1,1,2-Trichloroethane	50.0	196081.000	0.1848	100	371137.000	0.1747	200	723579.000	0.1665
1,2-Dichloroethane	50.0	360736.000	0.2679	100	672900.000	0.2575	200	1277697.00	0.2384
2-Butanone	50.0	70708.0000	0.05250	100	142008.000	0.05430	200	301271.000	0.05620
2-Hexanone	50.0	56514.0000	0.05330	100	116960.000	0.05510	200	239538.000	0.05510
4-Methyl-2-Pentanone	50.0	60213.0000	0.04470	100	120113.000	0.04600	200	250456.000	0.04670
Acetone	50.0	46872.0000	0.03480	100	92554.0000	0.03540	200	195615.000	0.03650
Benzene	50.0	1218016.00	0.9044	100	2220793.00	0.8499	200	3989505.00	0.7444
Bromodichloromethane	50.0	372872.000	0.2769	100	701784.000	0.2686	200	1354094.00	0.2527
Bromomethane	50.0	208456.000	0.1548	100	416573.000	0.1594	200	833996.000	0.1556
Carbon Disulfide	50.0	922186.000	0.6847	100	1716820.00	0.6570	200	3217942.00	0.6004
Carbon Tetrachloride	50.0	423600.000	0.3145	100	781642.000	0.2991	200	1477002.00	0.2756
Chloroethane	50.0	252097.000	0.1872	100	469667.000	0.1797	200	930955.000	0.1737
Bromochloromethane	50.0	267621.000	0.2523	100	523192.000	0.2463	200	1010473.00	0.2325
Methylene Chloride	50.0	295457.000	0.2194	100	547478.000	0.2095	200	1034868.00	0.1931
Styrene	50.0	971066.000	0.9154	100	1765454.00	0.8312	200	2998430.00	0.6900
Tetrachloroethene	50.0	273631.000	0.2580	100	503968.000	0.2373	200	919177.000	0.2115
Trichloroethene	50.0	345242.000	0.2563	100	636379.000	0.2435	200	1186177.00	0.2213
cis-1,2-Dichloroethene	50.0	333298.000	0.2475	100	620690.000	0.2375	200	1177709.00	0.2198
cis-1,3-Dichloropropene	50.0	459919.000	0.3415	100	859976.000	0.3291	200	1631763.00	0.3045
m-,p-Xylene	100	1128620.00	0.5320	200	1972266.00	0.4643	NA	NA	NA
o-Xylene	50.0	597118.000	0.5629	100	1091766.00	0.5140	200	1861731.00	0.4284
trans-1,2-Dichloroethene	50.0	483285.000	0.3588	100	907472.000	0.3473	200	1737988.00	0.3243
trans-1,3-Dichloropropene	50.0	380821.000	0.3590	100	721599.000	0.3397	200	1390156.00	0.3199

9511308

INITIAL CALIBRATION DATA

Login Number: L0709398

Instrument ID: HPMS8

Analytical Method: 8260B

Initial Calibration Date: 25-SEP-07 21:35

Column ID: F

Analyte	WG251019-11		
	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	442098.000	0.05280
2-Hexanone	300	360721.000	0.05410
4-Methyl-2-Pentanone	300	369493.000	0.04420
Acetone	300	269233.000	0.03220
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

INITIAL CALIBRATION DATA

Login Number: L0709398

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

9511310

INITIAL CALIBRATION DATA

Login Number: L0709398

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:L0709398

Instrument ID:HPMS9

Analytical Method:8260B

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

9511312

INITIAL CALIBRATION DATA

Login Number: L0709398
 Analytical Method: 8260B

Instrument ID: HPMS9
 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
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

KEMRON Environmental Services
ALTERNATE SOURCE CALIBRATION REPORT

9511313

Login Number: L0709398 Run Date: 09/25/2007 Sample ID: WG251019-12
Instrument ID: HPMS8 Run Time: 23:03 Method: 8260B
File ID: 8M339925 Analyst: CMS QC Key: STD
ICal Workgroup: WG251019 Cal ID: HPMS8 - 25-SEP-07

Analyte		Expected	Found	Units	RF	%D	UCL	Q
Chloroform	CCC	20.0	21.4	ug/L	0.414	6.90	30	
1,1-Dichloroethene	CCC	20.0	23.5	ug/L	0.399	17.4	30	
1,2-Dichloropropane	CCC	20.0	21.6	ug/L	0.247	8.10	30	
Ethylbenzene	CCC	20.0	23.0	ug/L	0.498	14.8	30	
Toluene	CCC	20.0	22.1	ug/L	1.34	10.5	30	
Vinyl Chloride	CCC	20.0	22.2	ug/L	0.130	10.9	30	
Bromoform	SPCC	20.0	21.2	ug/L	0.133	5.90	30	
Chlorobenzene	SPCC	20.0	21.0	ug/L	0.926	4.90	30	
Chloromethane	SPCC	20.0	21.8	ug/L	0.225	8.80	30	
1,1-Dichloroethane	SPCC	20.0	21.8	ug/L	0.466	9.00	30	
1,1,2,2-Tetrachloroethane	SPCC	20.0	21.1	ug/L	0.364	5.30	30	
Acetone		20.0	21.8	ug/L	0.0388	9.00	30	
Benzene		20.0	20.6	ug/L	0.946	2.80	30	
Bromodichloromethane		20.0	22.4	ug/L	0.290	12.0	30	
Bromomethane		20.0	24.9	ug/L	0.181	24.6	30	
2-Butanone		20.0	21.4	ug/L	0.0583	7.20	30	
Carbon Disulfide		20.0	20.2	ug/L	0.646	1.20	30	
Carbon Tetrachloride		20.0	22.8	ug/L	0.321	13.8	30	
Dibromochloromethane		20.0	22.5	ug/L	0.252	12.3	30	
Chloroethane		20.0	23.5	ug/L	0.207	17.4	30	
1,2-Dichloroethane		20.0	20.8	ug/L	0.275	4.10	30	
cis-1,2-Dichloroethene		20.0	22.1	ug/L	0.269	10.3	30	
trans-1,2-Dichloroethene		20.0	22.1	ug/L	0.380	10.6	30	
cis-1,3-Dichloropropene		20.0	21.1	ug/L	0.346	5.30	30	
trans-1,3-Dichloropropene		20.0	19.8	ug/L	0.340	1.00	30	
2-Hexanone		20.0	19.8	ug/L	0.0530	0.900	30	
4-Methyl-2-Pentanone		20.0	19.4	ug/L	0.0440	2.80	30	
Methylene Chloride		20.0	21.5	ug/L	0.248	7.60	30	
Styrene		20.0	22.4	ug/L	1.01	12.1	30	
Tetrachloroethene		20.0	23.4	ug/L	0.282	17.0	30	
1,1,1-Trichloroethane		20.0	22.8	ug/L	0.377	13.9	30	
1,1,2-Trichloroethane		20.0	21.4	ug/L	0.198	6.80	30	
Trichloroethene		20.0	23.0	ug/L	0.281	14.8	30	
o-Xylene		20.0	22.2	ug/L	0.618	10.9	30	
m-,p-Xylene		40.0	43.5	ug/L	0.611	8.70	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: 889607
Report generated 10/01/2007 11:40

Login Number: L0709398 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: 889607
Report generated 10/01/2007 11:40

Login Number: L0709398 Run Date: 09/26/2007 Sample ID: WG251026-02
 Instrument ID: HPMS8 Run Time: 06:23 Method: 8260B
 File ID: 8M339932 Analyst: CMS QC Key: STD
 Workgroup (AAB#): WG251027 Cal ID: HPMS8 - 25-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	49.7	ug/L	0.384	0.628	20	
1,1-Dichloroethene	CCC	50.0	55.2	ug/L	0.376	10.4	20	
1,2-Dichloropropane	CCC	50.0	50.0	ug/L	0.229	0.0198	20	
Ethylbenzene	CCC	50.0	51.1	ug/L	0.444	2.28	20	
Toluene	CCC	50.0	50.7	ug/L	1.23	1.34	20	
Vinyl Chloride	CCC	50.0	50.4	ug/L	0.115	0.880	20	
Bromoform	SPCC	50.0	52.9	ug/L	0.133	5.89	40	
Chlorobenzene	SPCC	50.0	47.4	ug/L	0.837	5.20	40	
Chloromethane	SPCC	50.0	48.6	ug/L	0.201	2.84	40	
1,1-Dichloroethane	SPCC	50.0	51.3	ug/L	0.438	2.53	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	48.3	ug/L	0.334	3.47	40	
Acetone		50.0	47.2	ug/L	0.0336	5.54	40	
Benzene		50.0	49.8	ug/L	0.917	0.356	40	
Bromodichloromethane		50.0	51.9	ug/L	0.269	3.76	40	
Bromomethane		50.0	55.6	ug/L	0.161	11.2	40	
2-Butanone		50.0	45.5	ug/L	0.0494	9.01	40	
Carbon Disulfide		50.0	55.4	ug/L	0.707	10.8	40	
Carbon Tetrachloride		50.0	56.6	ug/L	0.320	13.2	40	
Dibromochloromethane		50.0	53.3	ug/L	0.240	6.55	40	
Chloroethane		50.0	54.5	ug/L	0.192	9.01	40	
1,2-Dichloroethane		50.0	47.7	ug/L	0.252	4.61	40	
cis-1,2-Dichloroethene		50.0	51.3	ug/L	0.251	2.63	40	
trans-1,2-Dichloroethene		50.0	52.6	ug/L	0.362	5.16	40	
cis-1,3-Dichloropropene		50.0	50.1	ug/L	0.329	0.203	40	
trans-1,3-Dichloropropene		50.0	49.8	ug/L	0.341	0.473	40	
2-Hexanone		50.0	45.8	ug/L	0.0490	8.37	40	
4-Methyl-2-Pentanone		50.0	46.1	ug/L	0.0418	7.74	40	
Methylene Chloride		50.0	50.2	ug/L	0.220	0.341	40	
Styrene		50.0	50.9	ug/L	0.917	1.70	40	
Tetrachloroethene		50.0	55.1	ug/L	0.266	10.2	40	
1,1,1-Trichloroethane		50.0	54.6	ug/L	0.362	9.23	40	
1,1,2-Trichloroethane		50.0	47.0	ug/L	0.175	5.92	40	
Trichloroethene		50.0	53.2	ug/L	0.260	6.40	40	
o-Xylene		50.0	50.7	ug/L	0.565	1.38	40	
m-,p-Xylene		100	96.2	ug/L	0.541	3.80	40	
1,2-Dichloroethene		100	104	ug/L	0.306	3.90	40	
Xylenes		150	147	ug/L	0.553	2.08	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: 889609

Report generated 10/01/2007 11:40

9511316 CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0709398 Run Date: 09/19/2007 Sample ID: WG250438-02
 Instrument ID: HPMS9 Run Time: 09:24 Method: 8260B
 File ID: 9M56881 Analyst: MES QC Key: STD
 Workgroup (AAB#): WG250439 Cal ID: HPMS9 - 14-AUG-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	42.8	ug/kg	0.419	14.3	20	
1,1-Dichloroethene	CCC	50.0	47.2	ug/kg	0.233	5.57	20	
1,2-Dichloropropane	CCC	50.0	43.5	ug/kg	0.213	13.0	20	
Ethylbenzene	CCC	50.0	48.7	ug/kg	0.481	2.51	20	
Toluene	CCC	50.0	45.3	ug/kg	1.24	9.49	20	
Vinyl Chloride	CCC	50.0	50.6	ug/kg	0.207	1.12	20	
Bromoform	SPCC	50.0	60.2	ug/kg	0.218	20.3	40	
Chlorobenzene	SPCC	50.0	47.0	ug/kg	0.905	5.95	40	
Chloromethane	SPCC	50.0	42.9	ug/kg	0.245	14.2	40	
1,1-Dichloroethane	SPCC	50.0	40.9	ug/kg	0.414	18.1	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	46.1	ug/kg	0.454	7.75	40	
Acetone		50.0	40.1	ug/kg	0.0655	19.7	40	
Benzene		50.0	43.9	ug/kg	0.910	12.3	40	
Bromodichloromethane		50.0	48.8	ug/kg	0.317	2.31	40	
Bromomethane		50.0	53.9	ug/kg	0.161	7.77	40	
2-Butanone		50.0	41.3	ug/kg	0.0960	17.4	40	
Carbon Disulfide		50.0	47.3	ug/kg	0.789	5.34	40	
Carbon Tetrachloride		50.0	51.1	ug/kg	0.410	2.20	40	
Dibromochloromethane		50.0	55.4	ug/kg	0.340	10.7	40	
Chloroethane		50.0	47.4	ug/kg	0.156	5.30	40	
1,2-Dichloroethane		50.0	40.9	ug/kg	0.307	18.3	40	
cis-1,2-Dichloroethene		50.0	46.7	ug/kg	0.268	6.52	40	
trans-1,2-Dichloroethene		50.0	45.8	ug/kg	0.259	8.38	40	
cis-1,3-Dichloropropene		50.0	48.2	ug/kg	0.365	3.51	40	
trans-1,3-Dichloropropene		50.0	46.7	ug/kg	0.405	6.64	40	
2-Hexanone		50.0	45.0	ug/kg	0.178	9.98	40	
Methylene Chloride		50.0	42.2	ug/kg	0.229	15.7	40	
4-Methyl-2-Pentanone		50.0	50.7	ug/kg	0.0874	1.37	40	
Styrene		50.0	53.8	ug/kg	0.945	7.69	40	
Tetrachloroethene		50.0	48.5	ug/kg	0.290	3.02	40	
1,1,1-Trichloroethane		50.0	46.0	ug/kg	0.430	7.98	40	
1,1,2-Trichloroethane		50.0	47.7	ug/kg	0.238	4.68	40	
Trichloroethene		50.0	50.5	ug/kg	0.323	0.946	40	
o-Xylene		50.0	50.7	ug/kg	0.558	1.45	40	
m-,p-Xylene		100	99.7	ug/kg	0.592	0.292	40	
Xylenes		150	150	ug/kg	0.575	0.289	40	
1,2-Dichloroethene		100	92.6	ug/kg	0.263	7.45	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: 889609
 Report generated 10/01/2007 11:40

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

9511317

Login Number: L0709398_____
Instrument ID: HPMS9_____
Workgroup (AAB#): WG250439_____

CCV Number: WG250438-02_____
CAL ID: HPMS9-14-AUG-07_____
Matrix: SOLID_____

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG250438-02	NA	NA	229745	396796	462419
Upper Limit	NA	NA	459490	793592	924838
Lower Limit	NA	NA	114873	198398	231210
L0709398-01	1.00	01	232169	406815	470154
L0709398-02	1.00	01	216622	384861	447306
WG250439-01	1.00	01	207192	360491	415164
WG250439-02	1.00	01	214744	370454	431991
WG250439-03	1.00	01	212174	370384	435150

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

Underline = Response outside limits

9511318

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

Login Number: L0709398

Instrument ID: HPMS8

Workgroup (AAB#): WG251027

CCV Number: WG251026-02

CAL ID: HPMS8-25-SEP-07

Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG251026-02	NA	NA	309450	580899	742471
Upper Limit	NA	NA	618900	1161798	1484942
Lower Limit	NA	NA	154725	290450	371236
L0709398-03	1.00	01	343724	629140	826736
WG251027-01	1.00	01	307955	559944	718389
WG251027-02	1.00	01	310759	565321	714783
WG251027-03	1.00	01	309534	570475	715846

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)

9511319

Login Number: L0709398_____
Instrument ID: HPMS9_____
Workgroup (AAB#): WG250439_____

CCV Number: WG250438-02_____
CAL ID: HPMS9-14-AUG-07_____
Matrix: SOLID_____

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG250438-02	NA	NA	15.24	12.26	8.41
Upper Limit	NA	NA	15.74	12.76	8.91
Lower Limit	NA	NA	14.74	11.76	7.91
L0709398-01	1.00	01	15.23	12.26	8.41
L0709398-02	1.00	01	15.23	12.26	8.41
WG250439-01	1.00	01	15.24	12.26	8.41
WG250439-02	1.00	01	15.24	12.26	8.41
WG250439-03	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

9511320

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

Login Number: L0709398

Instrument ID: HPMS8

Workgroup (AAB#): WG251027

CCV Number: WG251026-02

CAL ID: HPMS8-25-SEP-07

Matrix: WATER

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG251026-02	NA	NA	17.61	14.59	10.72
Upper Limit	NA	NA	18.11	15.09	11.22
Lower Limit	NA	NA	17.11	14.09	10.22
L0709398-03	1.00	01	17.61	14.59	10.72
WG251027-01	1.00	01	17.6	14.59	10.71
WG251027-02	1.00	01	17.61	14.59	10.72
WG251027-03	1.00	01	17.61	14.59	10.71

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\091907\9M56888.D Vial: 9
 Acq On : 19 Sep 2007 13:01 Operator: MES
 Sample : L0709398-01 A 826-SPE Inst : HPMS9
 Misc : 7,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 19 13:24:08 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	470154	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	406815	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	232169	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.34	111	133279	51.5482	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.10%	
42) 1,2-Dichloroethane-d4	7.99	65	129235	45.9949	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.98%	
56) Toluene-d8	10.40	98	462878	49.8654	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	99.74%	
77) p-Bromofluorobenzene	13.75	95	175593	46.5546	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	93.10%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methylene Chloride	4.84	84	4242	0.7560	ug/kg	88

 (#) = qualifier out of range (m) = manual integration
 9M56888.D 826_SLST.M Wed Sep 19 13:24:10 2007

Data File : C:\MSDCHEM\1\data\091907\9M56888.D

Vial: 9

Acq On : 19 Sep 2007 13:01

Operator: MES

Sample : L0709398-01 A 826-SPE

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 13:24 2007

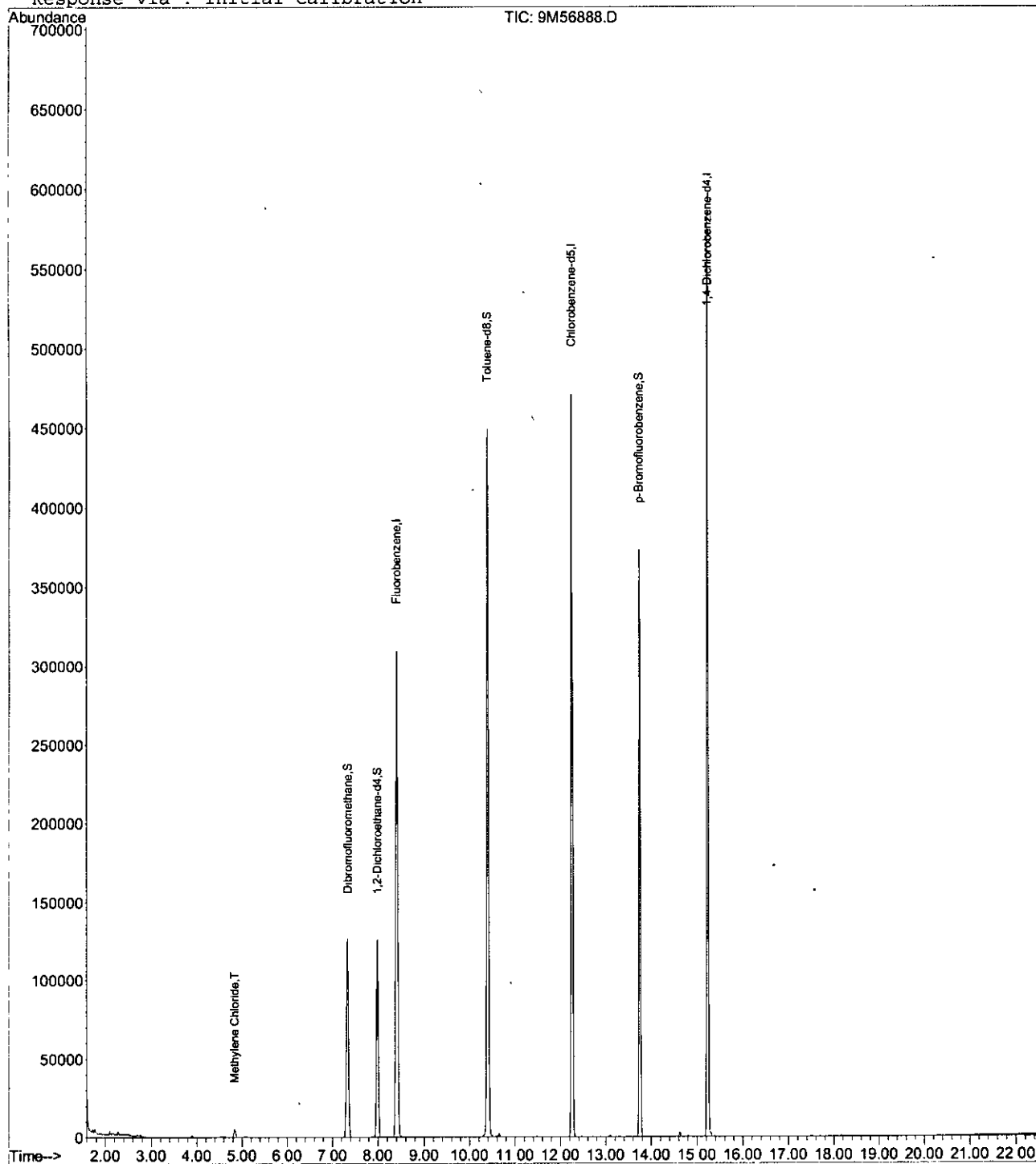
Quant Results File: 826_SLST.RES

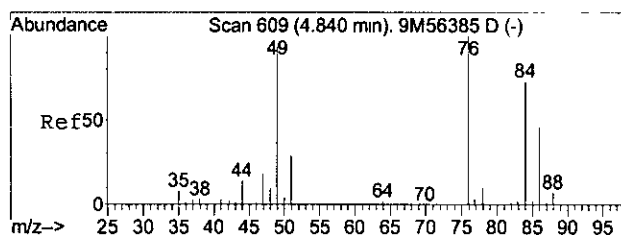
Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)

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

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

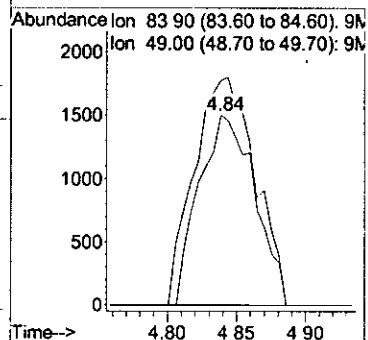
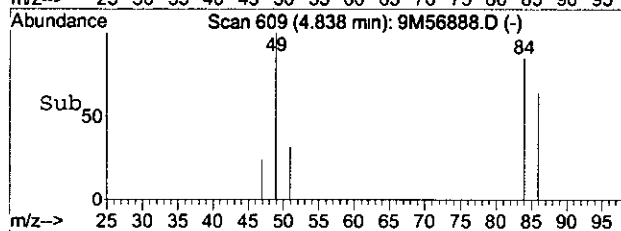
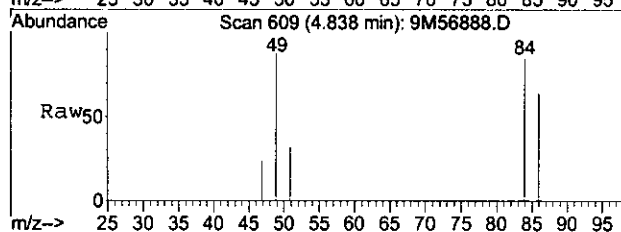
Response via : Initial Calibration





#19
Methylene Chloride
Concen: 0.76 ug/kg
RT: 4.84 min Scan# 609
Delta R.T. -0.00 min
Lab File: 9M56888.D
Acq: 19 Sep 2007 13:01

Tgt Ion: 84 Resp: 4242
Ion Ratio Lower Upper
84 100
49 130.6 87.1 203.1



Data File : C:\MSDCHEM\1\data\091907\9M56889.D

Vial: 10

Acq On : 19 Sep 2007 13:32

Operator: MES

Sample : L0709398-02 A 826-SPE

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 13:54:43 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	447306	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	384861	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.23	152	216622	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.34	111	133308	54.1930	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.38%
42) 1,2-Dichloroethane-d4	7.99	65	129037	48.2702	ug/kg	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
56) Toluene-d8	10.40	98	461579	52.5620	ug/kg	0.00
Spiked Amount	50.000	Range	81 - 117	Recovery	=	105.12%
77) p-Bromofluorobenzene	13.75	95	172693	49.0718	ug/kg	0.00
Spiked Amount	50.000	Range	74 - 121	Recovery	=	98.14%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.89	43	2475	Below Cal		79
19) Methylene Chloride	4.83	84	3902	0.7017	ug/kg	84

 (#) = qualifier out of range (m) = manual integration
 9M56889.D 826_SLST.M Wed Sep 19 13:54:45 2007

9511326

Quantitation Report

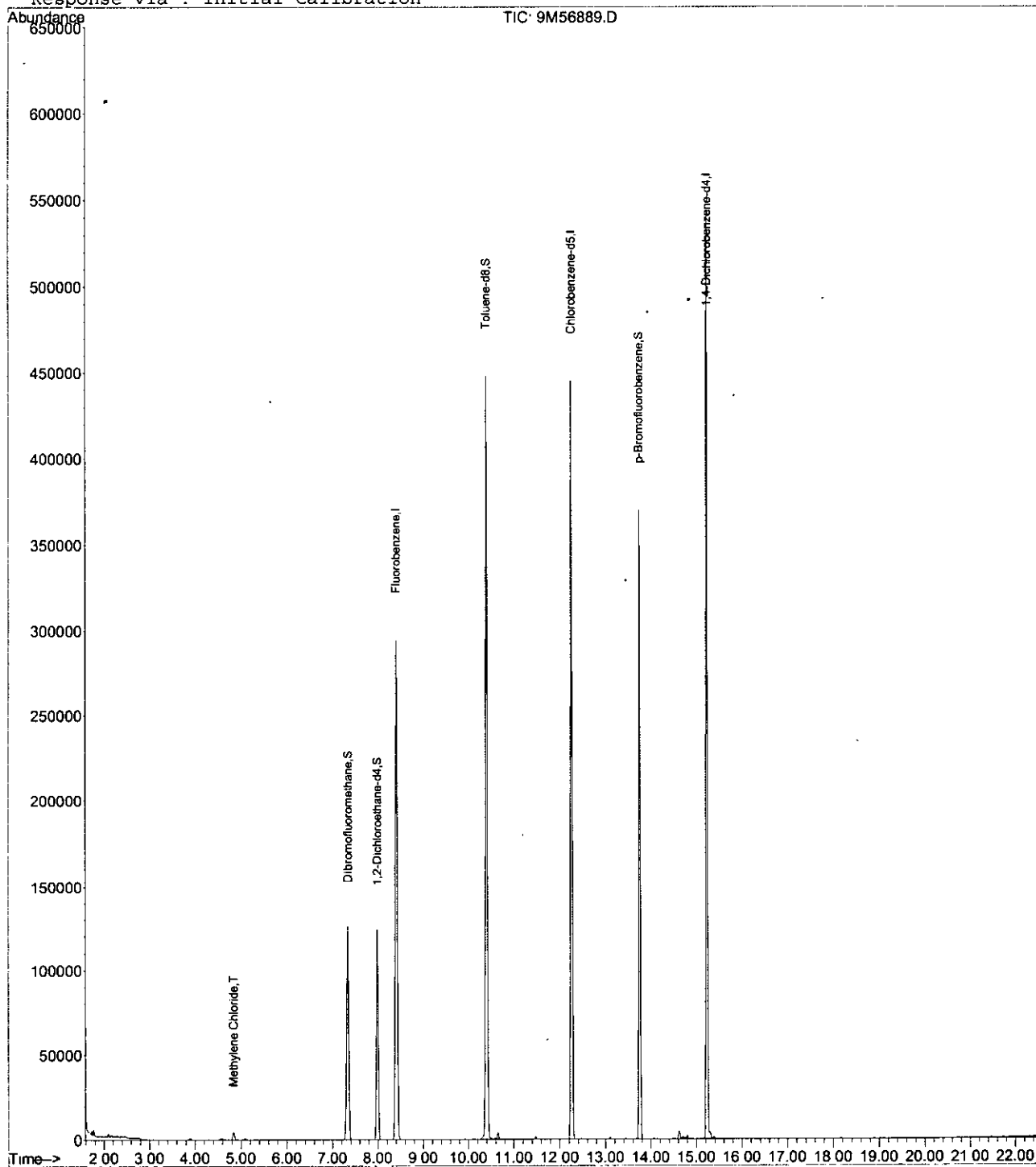
(Not Reviewed)

Data File : C:\MSDCHEM\1\data\091907\9M56889.D
Acq On : 19 Sep 2007 13:32
Sample : L0709398-02 A 826-SPE
Misc : 7,1
MS Integration Params: RTEINT.P
Quant Time: Sep 19 13:54 2007

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

Quant Results File: 826_SLST.RES

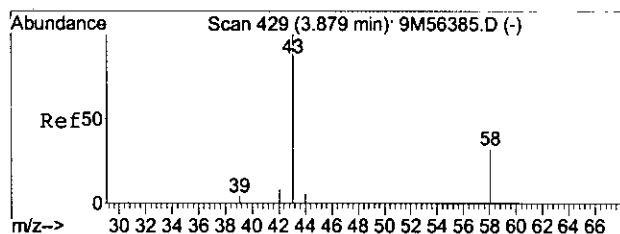
Method : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update : Thu Aug 30 14:04:45 2007
Response via : Initial Calibration



9M56889.D 826_SLST.M

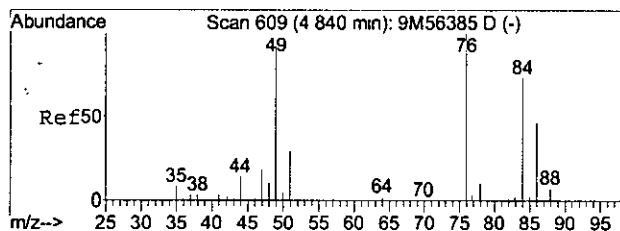
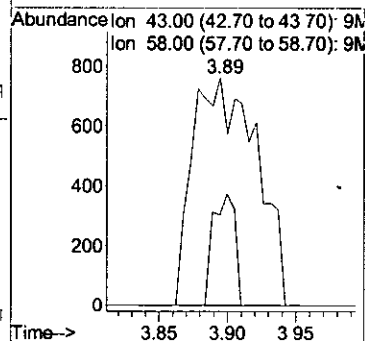
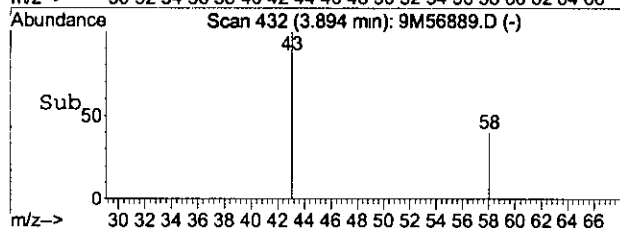
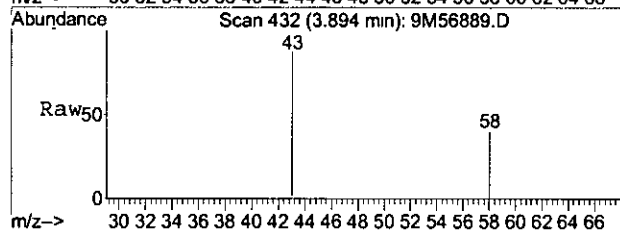
Wed Sep 19 13:54:45 2007

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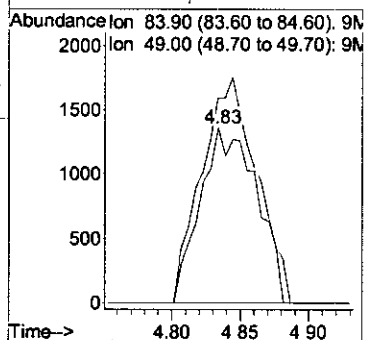
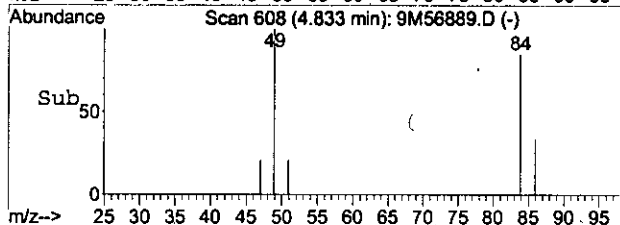
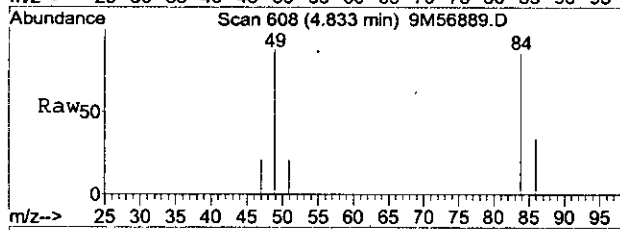
#13
Acetone
Concen: Below Cal
RT: 3.89 min Scan# 432
Delta R.T. 0.02 min
Lab File: 9M56889.D
Acq: 19 Sep 2007 13:32

Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
58 17.0 16.7 38.9



#19
Methylene Chloride
Concen: 0.70 ug/kg
RT: 4.83 min Scan# 608
Delta R.T. -0.01 min
Lab File: 9M56889.D
Acq: 19 Sep 2007 13:32

Tgt Ion: 84 Resp: 3902
Ion Ratio Lower Upper
84 100
49 125.7 87.1 203.1



Data File : C:\MSDCHEM\1\data\092607\8M339949.D

Vial: 19

Acq On : 26 Sep 2007 14:46

Operator: CMS

Sample : L0709398-03 A 826-SPE

Inst : HPMS8

Misc : 1,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 15:09:27 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	826736	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	629140	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	343724	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	166219	23.9946	ug/L	0.00
Spiked Amount	25.000	Range 86 - 118	Recovery	=	95.96%	
42) 1,2-Dichloroethane-d4	10.31	65	142033	21.8205	ug/L	0.00
Spiked Amount	25.000	Range 80 - 120	Recovery	=	87.28%	
56) Toluene-d8	12.70	98	611748	25.7607	ug/L	0.00
Spiked Amount	25.000	Range 88 - 110	Recovery	=	103.04%	
77) p-Bromofluorobenzene	16.09	95	252987	23.3894	ug/L	0.00
Spiked Amount	25.000	Range 86 - 115	Recovery	=	93.56%	

Target Compounds

					Qvalue
3) Chloromethane	3.61	50	4566	0.6673	ug/L 98
9) Diethyl ether	5.92	59	1275	0.2840	ug/L # 34
13) Acetone	6.24	43	1860	1.5823	ug/L # 45
19) Methylene Chloride	7.26	84	5108	Below Cal	95
54) Dimethyl Disulfide	12.70	94	16965	1.4363	ug/L # 27

 (#) = qualifier out of range (m) = manual integration
 8M339949.D 8260WT.M Wed Sep 26 15:09:29 2007

Page 1

Data File : C:\MSDCHEM\1\data\092607\8M339949.D

Vial: 19

Acq On : 26 Sep 2007 14:46

Operator: CMS

Sample : L0709398-03 A 826-SPE

Inst : HPMS8

Misc : 1,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 15:09 2007

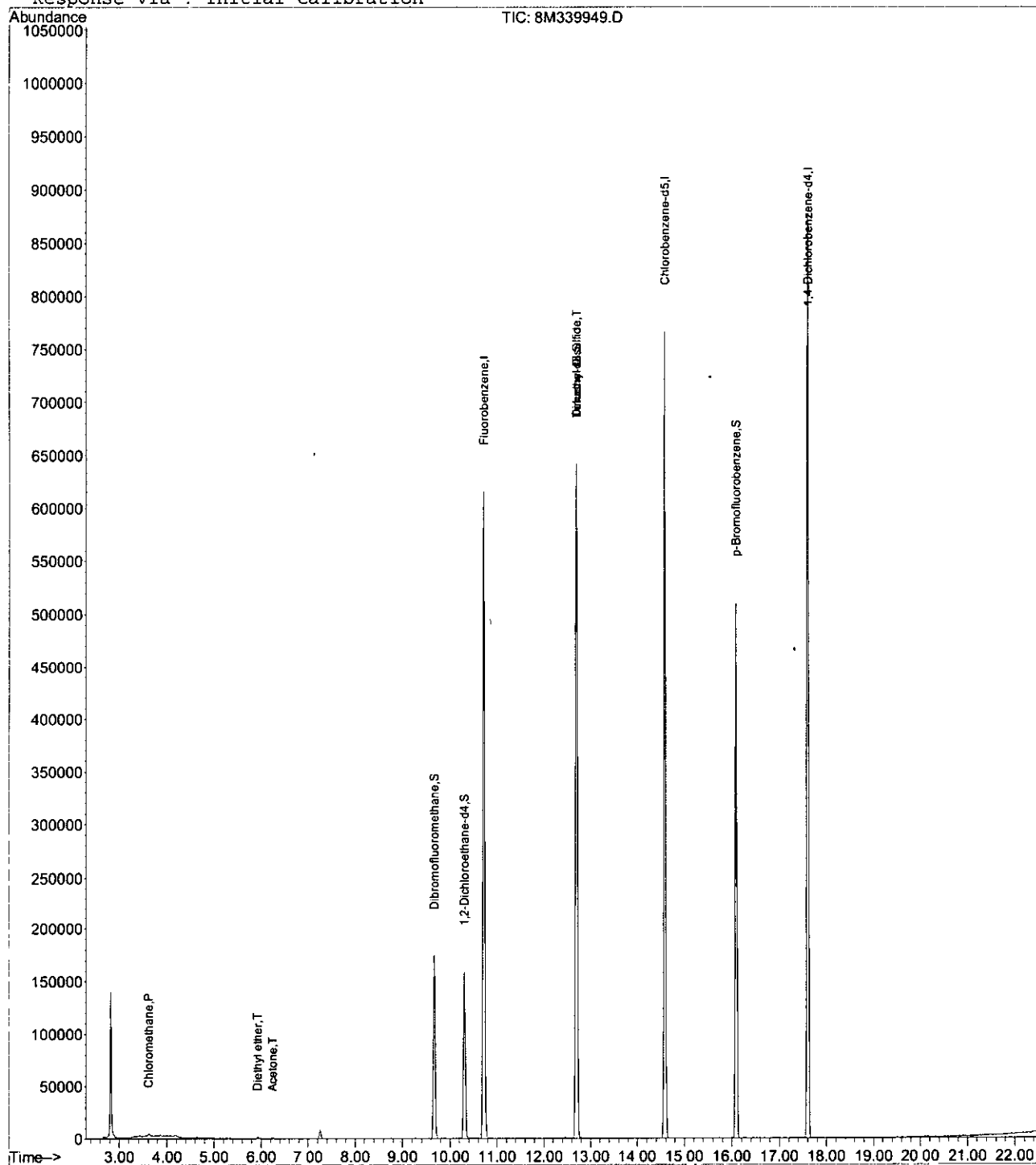
Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

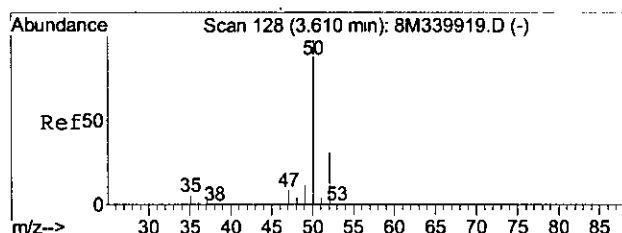
Response via : Initial Calibration



8M339949.D 8260WT.M

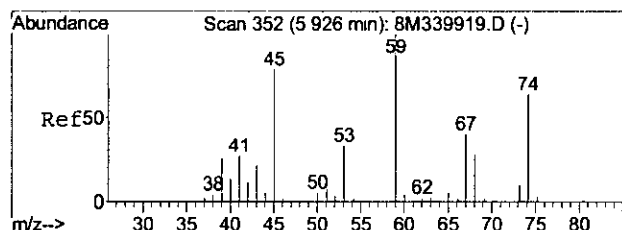
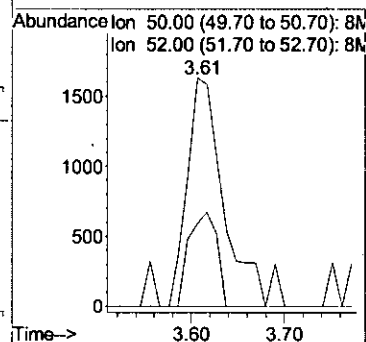
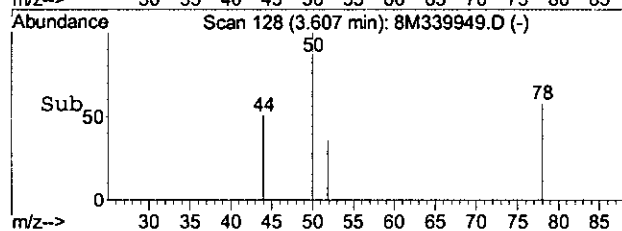
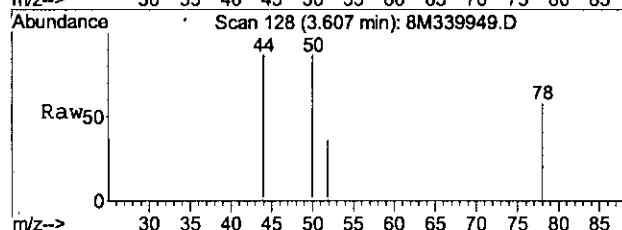
Wed Sep 26 15:09:30 2007

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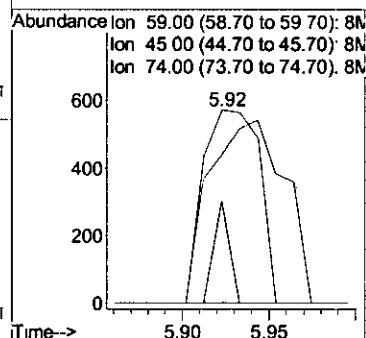
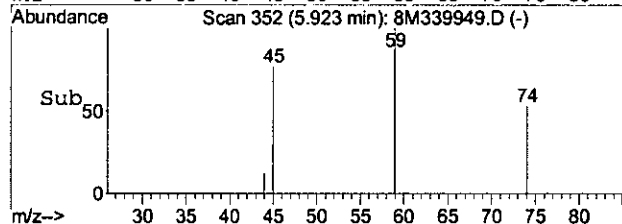
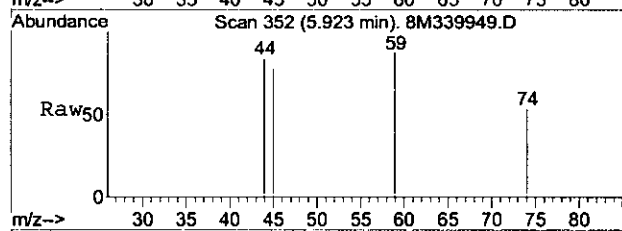
#3
Chloromethane
Concen: 0.67 ug/L
RT: 3.61 min Scan# 128
Delta R.T. 0.00 min
Lab File: 8M339949.D
Acq: 26 Sep 2007 14:46

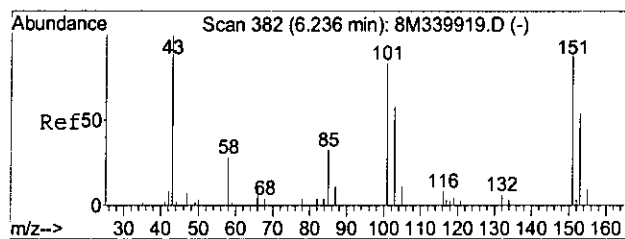
Tgt Ion: 50 Resp: 4566
Ion Ratio Lower Upper
50 100
52 30.8 19.3 44.9



#9
Diethyl ether
Concen: 0.28 ug/L
RT: 5.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: 8M339949.D
Acq: 26 Sep 2007 14:46

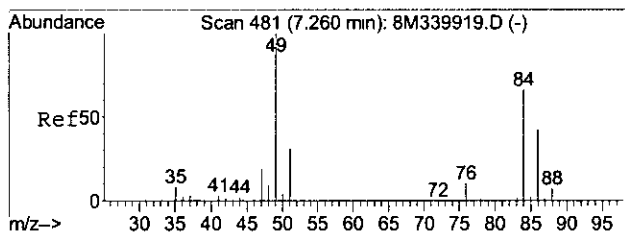
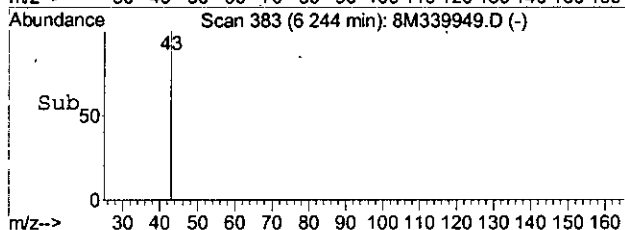
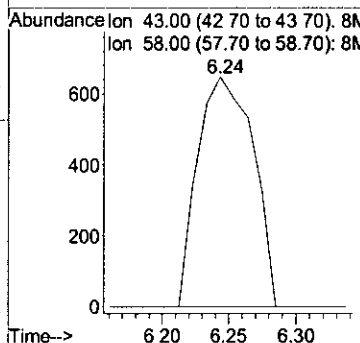
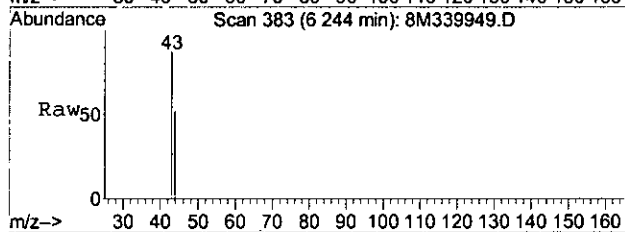
Tgt Ion: 59 Resp: 1275
Ion Ratio Lower Upper
59 100
45 126.7 48.0 112.0#
74 0.0 39.0 91.0#





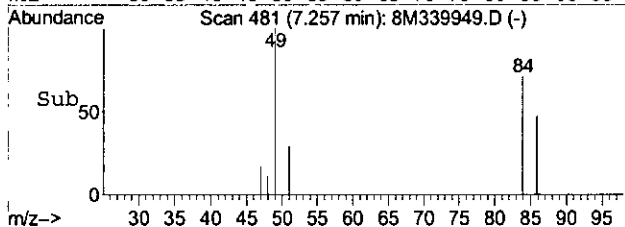
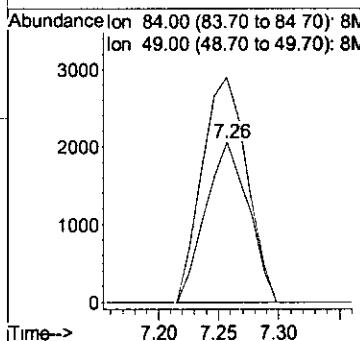
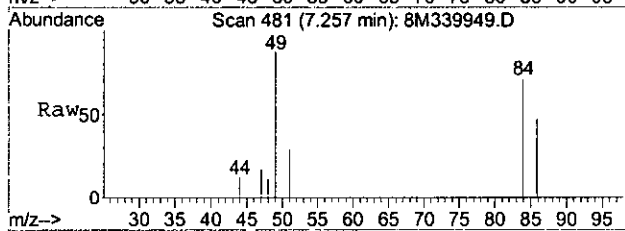
#13
Acetone
Concen: 1.58 ug/L
RT: 6.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: 8M339949.D
Acq: 26 Sep 2007 14:46

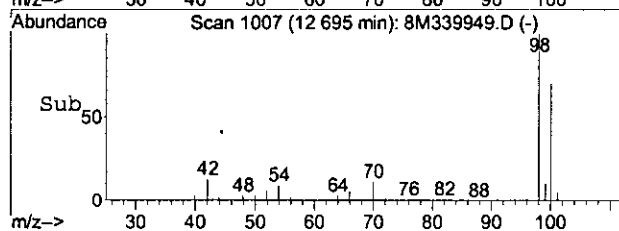
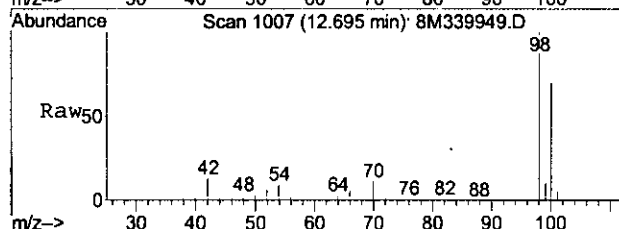
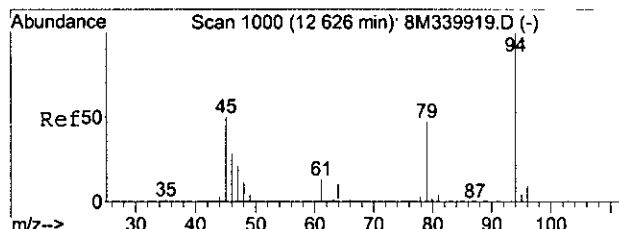
Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 0.0 18.1 42.1#



#19
Methylene Chloride
Concen: Below Cal
RT: 7.26 min Scan# 481
Delta R.T. -0.00 min
Lab File: 8M339949.D
Acq: 26 Sep 2007 14:46

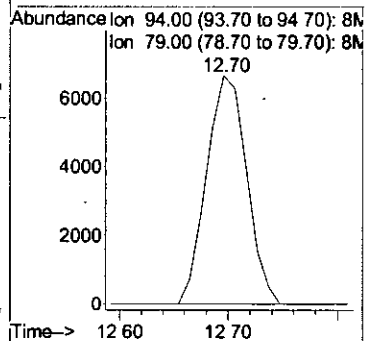
Tgt Ion: 84 Resp: 5108
Ion Ratio Lower Upper
84 100
49 147.0 84.5 197.3





#54
Dimethyl Disulfide
Concen: 1.44 ug/L
RT: 12.70 min Scan# 1007
Delta R.T. 0.06 min
Lab File: 8M339949.D
Acq: 26 Sep 2007 14:46

Tgt Ion: 94 Resp: 16965
Ion Ratio Lower Upper
94 100
79 0.0 30.7 71.5#



2.1.1.4 Standards Data

9511334

Data File : C:\MSDCHEM\1\DATA\092507\8M339913.D Vial: 22
 Acq On : 25 Sep 2007 17:11 Operator: CMS
 Sample : WG251019-02 0.30ug/L STD 8260 Inst : HPMS8
 Misc : 1,1 STD22050 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 09:50:00 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
 Last Update : Wed Sep 26 06:31:52 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.71	96	664864	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	515578	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	277010	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	0	0.0000	ug/L	
Spiked Amount	25.000	Range 86 - 118	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.00	65	0	0.0000	ug/L	
Spiked Amount	25.000	Range 80 - 120	Recovery	=	0.00%#	
56) Toluene-d8	0.00	98	0	0.0000	ug/L	
Spiked Amount	25.000	Range 88 - 110	Recovery	=	0.00%#	
77) p-Bromofluorobenzene	0.00	95	0	0.0000	ug/L	
Spiked Amount	25.000	Range 86 - 115	Recovery	=	0.00%#	

Target Compounds

					Qvalue	
33) Chloroform	9.38	83	3354	0.3261	ug/L	91
67) Chlorobenzene	14.63	112	6269	0.3445	ug/L	91
81) Bromobenzene	16.37	156	2413	0.3213	ug/L	94
91) 1,4-Dichlorobenzene	17.65	146	4921	0.3257	ug/L #	42
93) 1,2-Dichlorobenzene	18.14	146	4287	0.3216	ug/L	94
98) 1,2,3-Trichlorobenzene	20.94	180	1749	0.2875	ug/L #	85

(#) = qualifier out of range (m) = manual integration
 8M339913.D 8260WT.M Wed Sep 26 09:50:45 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\092507\8M339913.D

Vial: 22

Acq On: 25 Sep 2007 17:11

Operator: CMS

Sample : WG251019-02 0.30ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 9:50 2007

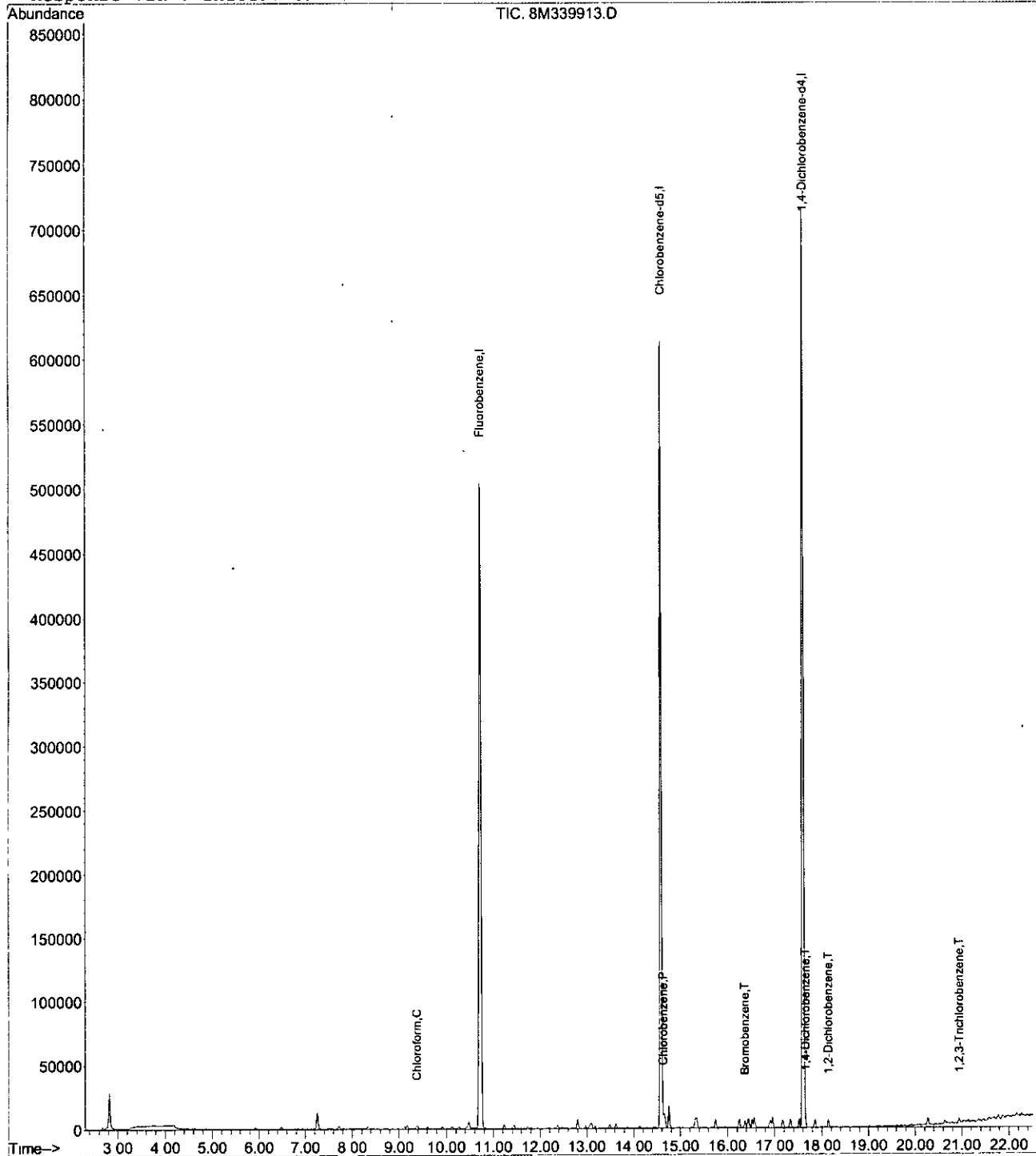
Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration



9511336

Data File : C:\MSDCHEM\1\DATA\092507\8M339914.D

Vial: 23

Acq On : 25 Sep 2007 17:40

Operator: CMS

Sample : WG251Q19-03 0.40ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:51:05 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	658918	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	509279	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	278720	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	0	0.0000	ug/L	
Spiked Amount 25.000	Range 86	- 118	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.00	65	0	0.0000	ug/L	
Spiked Amount 25.000	Range 80	- 120	Recovery	=	0.00%#	
56) Toluene-d8	0.00	98	0	0.0000	ug/L	
Spiked Amount 25.000	Range 88	- 110	Recovery	=	0.00%#	
77) p-Bromofluorobenzene	0.00	95	0	0.0000	ug/L	
Spiked Amount 25.000	Range 86	- 115	Recovery	=	0.00%#	

Target Compounds

						Qvalue
8) Trichlorofluoromethane	5.39	101	3164	0.3357	ug/L	# 81
14) 1,1-Dichloroethene	6.48	61	2913	0.3250	ug/L	93
19) Methylene Chloride	7.26	84	8769	0.3995	ug/L	86
22) Methyl Tert Butyl Ether	7.49	73	4330	0.4043	ug/L	# 53
23) trans-1,2-Dichloroethene	7.72	61	3363	0.3712	ug/L	98
27) 1,1-Dichloroethane	8.33	63	4706	0.4180	ug/L	# 82
31) 2,2-Dichloropropane	9.12	77	3315	0.3852	ug/L	# 43
32) cis-1,2-Dichloroethene	9.17	96	2720	0.4228	ug/L	95
33) Chloroform	9.39	83	4333	0.4251	ug/L	93
34) Bromochloromethane	9.61	130	1202	0.3410	ug/L	83
37) 1,1,1-Trichloroethane	9.93	97	3104	0.3557	ug/L	87
39) 1,1-Dichloropropene	10.12	75	2787	0.3615	ug/L	# 38
41) Carbon Tetrachloride	10.27	117	2484	0.3337	ug/L	# 90
43) 1,2-Dichloroethane	10.42	62	2540	0.3651	ug/L	# 66
44) Benzene	10.47	78	9966	0.4109	ug/L	87
45) Trichloroethene	11.24	130	2480	0.3845	ug/L	92
47) 1,2-Dichloropropane	11.43	63	2340	0.3882	ug/L	# 64
48) Bromodichloromethane	11.73	83	2319	0.3398	ug/L	# 83
50) Dibromomethane	11.82	93	1005	0.3783	ug/L	# 63
53) cis-1,3-Dichloropropene	12.36	75	3636	0.4206	ug/L	80
57) Toluene	12.80	91	11137	0.4495	ug/L	96
59) trans-1,3-Dichloropropene	12.96	75	2787	0.3989	ug/L	85
60) 1,1,2-Trichloroethane	13.18	97	1617	0.4275	ug/L	68
62) 1,3-Dichloropropane	13.48	76	2559	0.3860	ug/L	78
63) Tetrachloroethene	13.63	164	1830	0.3723	ug/L	87
64) Dibromochloromethane	13.87	129	1399	0.3054	ug/L	88
65) 1,2-Dibromoethane	14.13	107	1262	0.3374	ug/L	86
66) 1-Chlorohexane	14.23	91	3166	0.3986	ug/L	99
67) Chlorobenzene	14.64	112	8321	0.4629	ug/L	95
68) 1,1,1,2-Tetrachloroethane	14.67	131	2066	0.3824	ug/L	95
69) Ethylbenzene	14.67	106	3804	0.4304	ug/L	95
70) m-,p-Xylene	14.76	106	9470	0.8269	ug/L	96
71) o-Xylene	15.32	106	4876	0.4298	ug/L	100
72) Styrene	15.35	104	7938	0.4321	ug/L	93
74) Isopropylbenzene	15.75	105	11014	0.4159	ug/L	99
76) 1,1,2,2-Tetrachloroethane	15.95	83	1381	0.3583	ug/L	# 87
80) n-Propylbenzene	16.25	91	13639	0.4107	ug/L	100
81) Bromobenzene	16.38	156	3162	0.4184	ug/L	99
82) 1,3,5-Trimethylbenzene	16.44	105	9907	0.4177	ug/L	99
83) 2-Chlorotoluene	16.52	91	9562	0.4207	ug/L	98

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

8M339914.D 8260WT.M Wed Sep 26 09:52:34 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\092507\8M339914.D

Vial: 23

Acq On : 25 Sep 2007 17:40

Operator: CMS

Sample : WG251019-03 0.40ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:51:05 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84) 4-Chlorotoluene	16.57	91	9584	0.4537	ug/L	94
86) tert-Butylbenzene	16.91	134	2126	0.3938	ug/L	86
87) 1,2,4-Trimethylbenzene	16.96	105	10248	0.4161	ug/L	82
88) sec-Butylbenzene	17.17	105	11293	0.4008	ug/L	98
89) p-Isopropyltoluene	17.33	119	10072	0.3987	ug/L	97
90) 1,3-Dichlorobenzene	17.52	146	6655	0.4369	ug/L	97
91) 1,4-Dichlorobenzene	17.65	146	6297	0.4142	ug/L	95
92) n-Butylbenzene	17.85	91	9048	0.4119	ug/L #	94
93) 1,2-Dichlorobenzene	18.14	146	5674	0.4231	ug/L	94
95) 1,2,4-Trichlorobenzene	20.27	180	3661	0.4359	ug/L	96
96) Hexachlorobutadiene	20.43	225	865	0.3068	ug/L #	27
97) Naphthalene	20.64	128	5993	0.4359	ug/L #	68
98) 1,2,3-Trichlorobenzene	20.95	180	2806	0.4585	ug/L	91

(#) = qualifier out of range (m) = manual integration
8M339914.D 8260WT.M Wed Sep 26 09:52:34 2007

Vial: 23
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\092507\8M339915.D

Vial: 24

Acq On : 25 Sep 2007 18:10

Operator: CMS

Sample : WG251019-04 1ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:52:49 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	672191	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	522793	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	282151	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	Od	0.0000	ug/L	
Spiked Amount	25.000	Range 86 - 118	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.00	65	Od	0.0000	ug/L	
Spiked Amount	25.000	Range 80 - 120	Recovery	=	0.00%#	
56) Toluene-d8	12.70	98	8102	0.4106	ug/L	0.00
Spiked Amount	25.000	Range 88 - 110	Recovery	=	1.64%#	
77) p-Bromofluorobenzene	0.00	95	Od	0.0000	ug/L	
Spiked Amount	25.000	Range 86 - 115	Recovery	=	0.00%#	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.15	85	7891	1.1121	ug/L 96
3) Chloromethane	3.61	50	6751	1.2135	ug/L 93
4) Vinyl Chloride	3.85	62	4135	1.2876	ug/L 84
6) Bromomethane	4.74	94	3733	0.9565	ug/L 95
7) Chloroethane	4.90	64	4817	1.0185	ug/L 88
8) Trichlorofluoromethane	5.40	101	10396	1.0813	ug/L # 93
9) Diethyl ether	5.92	59	20052	5.4935	ug/L 98
10) Isoprene	5.98	67	8247	1.0390	ug/L 100
12) 1,1,2-Trichloro-1,2,2-Trif	6.19	101	5386	1.0282	ug/L 98
14) 1,1-Dichloroethene	6.48	61	9395	1.0276	ug/L 99
16) Dimethyl Sulfide	6.74	62	7922	1.0059	ug/L 99
17) Iodomethane	6.99	142	7317	0.8710	ug/L 88
19) Methylene Chloride	7.26	84	13022	1.0823	ug/L 85
20) Carbon Disulfide	7.31	76	18250	1.0641	ug/L 99
22) Methyl Tert Butyl Ether	7.50	73	11159	1.0214	ug/L 98
23) trans-1,2-Dichloroethene	7.72	61	9710	1.0505	ug/L 92
24) n-Hexane	7.83	57	8468	1.0759	ug/L 100
25) Diisopropyl ether	8.16	45	89440	4.6253	ug/L 94
27) 1,1-Dichloroethane	8.33	63	11758	1.0237	ug/L 93
28) Ethyl-Tert-Butyl ether	8.73	59	76084	4.8549	ug/L 96
30) Propionitrile	8.97	54	1951	4.4468	ug/L # 72
31) 2,2-Dichloropropane	9.11	77	9137	1.0407	ug/L 96
32) cis-1,2-Dichloroethene	9.17	96	6666	1.0156	ug/L 92
33) Chloroform	9.39	83	10769	1.0357	ug/L 100
34) Bromochloromethane	9.61	130	3722	1.0350	ug/L 94
35) Tetrahydrofuran	9.65	42	4852	5.4689	ug/L 86
37) 1,1,1-Trichloroethane	9.93	97	9218	1.0355	ug/L 97
38) Cyclohexane	9.98	56	11459	1.0666	ug/L 94
39) 1,1-Dichloropropene	10.12	75	8258	1.0499	ug/L 95
40) Tert-Amyl-Methyl ether	10.24	73	54014	5.0200	ug/L # 73
41) Carbon Tetrachloride	10.27	117	7724	1.0171	ug/L # 95
43) 1,2-Dichloroethane	10.42	62	7367	1.0381	ug/L 93
44) Benzene	10.47	78	27364	1.1060	ug/L 92
45) Trichloroethene	11.23	130	6916	1.0512	ug/L 98
47) 1,2-Dichloropropane	11.43	63	6269	1.0194	ug/L 88
48) Bromodichloromethane	11.73	83	6931	0.9954	ug/L # 95
50) Dibromomethane	11.81	93	2659	0.9810	ug/L 88
51) 2-Chloroethyl Vinyl Ether	12.02	63	2208	0.8536	ug/L # 47
53) cis-1,3-Dichloropropene	12.37	75	8354	0.9472	ug/L 99
54) Dimethyl Disulfide	12.63	94	8262	0.8603	ug/L 97

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

8M339915.D 8260WT.M Wed Sep 26 09:54:09 2007

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Data File : C:\MSDCHEM\1\DATA\092507\8M339915.D

Vial: 24

Acq On : 25 Sep 2007 18:10

Operator: CMS

Sample : WG251019-04 1ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:52:49 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
57) Toluene	12.80	91	27843	1.0948	ug/L	98
58) Ethyl Methacrylate	12.89	69	4254	0.9448	ug/L	94
59) trans-1,3-Dichloropropene	12.96	75	6848	0.9547	ug/L	98
60) 1,1,2-Trichloroethane	13.18	97	3963	1.0206	ug/L	94
62) 1,3-Dichloropropane	13.48	76	7130	1.0476	ug/L	87
63) Tetrachloroethene	13.63	164	5076	1.0059	ug/L	96
64) Dibromochloromethane	13.86	129	4363	0.9279	ug/L	95
65) 1,2-Dibromoethane	14.12	107	3883	1.0112	ug/L	99
66) 1-Chlorohexane	14.23	91	8780	1.0768	ug/L	100
67) Chlorobenzene	14.64	112	20110	1.0898	ug/L	84
68) 1,1,1,2-Tetrachloroethane	14.67	131	5793	1.0446	ug/L	97
69) Ethylbenzene	14.67	106	9923	1.0936	ug/L	99
70) m-,p-Xylene	14.76	106	25780	2.1930	ug/L	96
71) o-Xylene	15.32	106	12462	1.0700	ug/L	97
72) Styrene	15.35	104	19858	1.0531	ug/L	98
73) Bromoform	15.83	173	2157	0.8219	ug/L	88
74) Isopropylbenzene	15.75	105	28918	1.0638	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.95	83	3938	1.0093	ug/L #	95
78) 1,2,3-Trichloropropane	16.14	110	1023	0.8412	ug/L #	1
79) trans-1,4-Dichloro-2-Butene	16.18	53	1057	0.7818	ug/L #	1
80) n-Propylbenzene	16.25	91	36127	1.0746	ug/L	95
81) Bromobenzene	16.38	156	8078	1.0559	ug/L	99
82) 1,3,5-Trimethylbenzene	16.44	105	26195	1.0909	ug/L	99
83) 2-Chlorotoluene	16.52	91	24910	1.0825	ug/L	98
84) 4-Chlorotoluene	16.56	91	23654	1.1063	ug/L	97
85) a-Methylstyrene	16.83	118	14585	1.0229	ug/L	99
86) tert-Butylbenzene	16.90	134	5707	1.0442	ug/L	91
87) 1,2,4-Trimethylbenzene	16.96	105	27709	1.1114	ug/L	83
88) sec-Butylbenzene	17.17	105	30989	1.0864	ug/L	98
89) p-Isopropyltoluene	17.33	119	27542	1.0769	ug/L	97
90) 1,3-Dichlorobenzene	17.51	146	16706	1.0834	ug/L	97
91) 1,4-Dichlorobenzene	17.65	146	16980	1.1034	ug/L #	69
92) n-Butylbenzene	17.86	91	24577	1.1053	ug/L	97
93) 1,2-Dichlorobenzene	18.13	146	14616	1.0766	ug/L	99
95) 1,2,4-Trichlorobenzene	20.27	180	9304	1.0943	ug/L	97
96) Hexachlorobutadiene	20.43	225	2957	1.0359	ug/L	98
97) Naphthalene	20.64	128	14836	1.0660	ug/L	99
98) 1,2,3-Trichlorobenzene	20.95	180	6966	1.1243	ug/L	92

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

8M339915.D 8260WT.M Wed Sep 26 09:54:09 2007

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Data File : C:\MSDCHEM\1\DATA\092507\8M339915.D

Vial: 24

Acq On : 25 Sep 2007 18:10

Operator: CMS

Sample : WG251019-04 1ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 9:54 2007

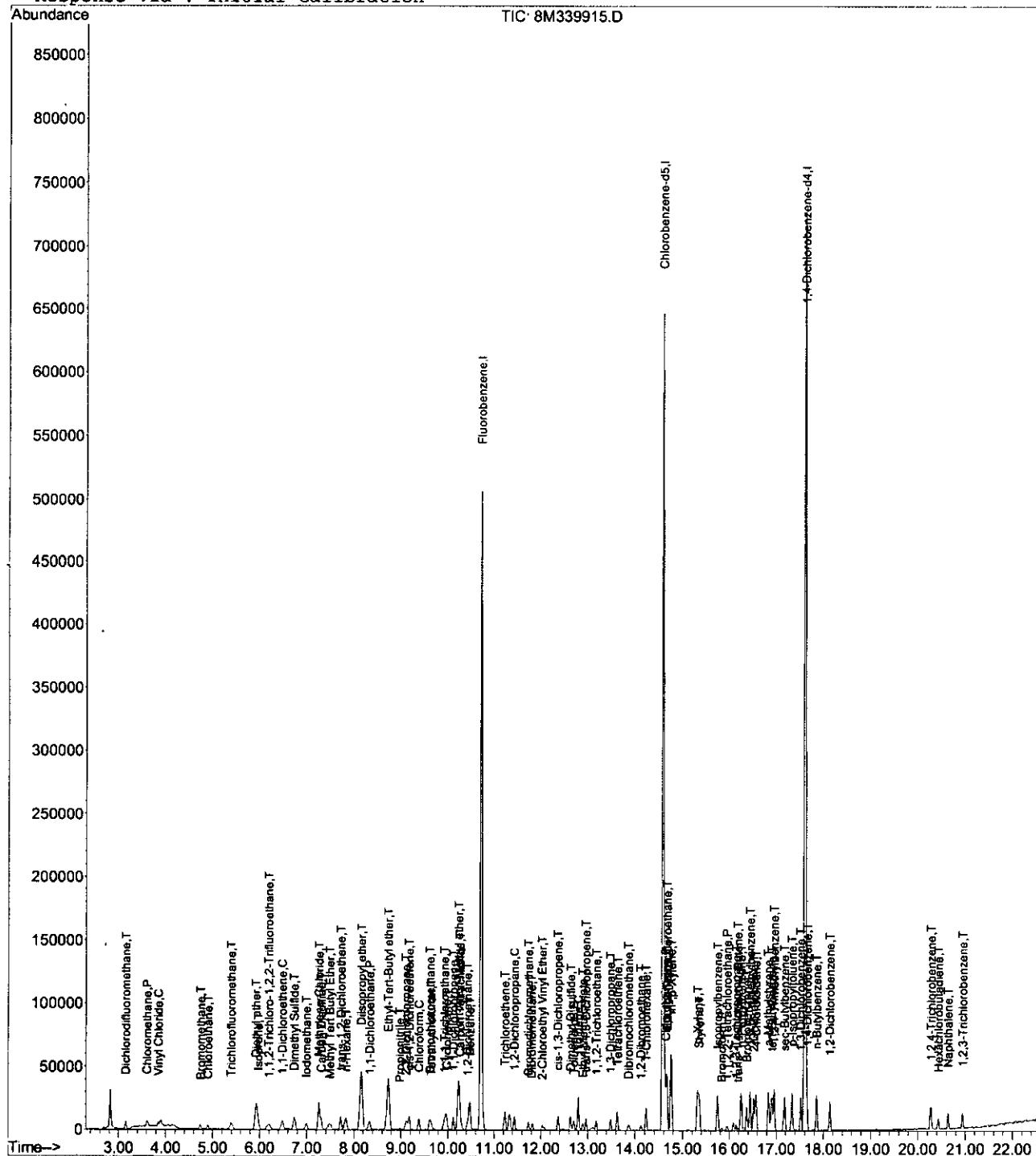
Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration



8M339915.D 8260WT.M

Wed Sep 26 09:54:10 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\092507\8M339916.D
 Acq On : 25 Sep 2007 18:39
 Sample : WG251019-05 2ug/L STD 8260
 Misc : 1,1 STD22050
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 09:54:23 2007

Vial: 25
 Operator: CMS
 Inst : HPMS8
 Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
 Last Update : Wed Sep 26 06:31:52 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.71	96	674576	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	523562	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	286214	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	4835	0.8554	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	3.44%#		
42) 1,2-Dichloroethane-d4	10.31	65	5100	0.9602	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	3.84%#		
56) Toluene-d8	12.70	98	18106	0.9162	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	3.68%#		
77) p-Bromofluorobenzene	16.08	95	8305	0.9221	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	3.68%#		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.15	85	14433	2.0269	ug/L	98
3) Chloromethane	3.61	50	11760	2.1063	ug/L	93
4) Vinyl Chloride	3.84	62	7205	2.2374	ug/L	92
6) Bromomethane	4.74	94	7514	1.9185	ug/L	98
7) Chloroethane	4.90	64	9442	1.9893	ug/L	95
8) Trichlorofluoromethane	5.40	101	19399	2.0105	ug/L	97
9) Diethyl ether	5.93	59	39351	10.7425	ug/L	98
10) Isoprene	5.97	67	14064	1.7656	ug/L	95
11) Acrolein	6.13	56	1136	2.8747	ug/L	91
12) 1,1,2-Trichloro-1,2,2-Trif	6.18	101	10384	1.9754	ug/L	100
14) 1,1-Dichloroethene	6.48	61	18076	1.9701	ug/L	99
15) Tert-Butyl Alcohol	6.59	59	4557	20.3210	ug/L #	62
16) Dimethyl Sulfide	6.74	62	14876	1.8822	ug/L	99
17) Iodomethane	6.99	142	13711	1.6263	ug/L	85
18) Methyl acetate	7.01	43	6717	1.9944	ug/L #	79
19) Methylene Chloride	7.26	84	18422	1.9768	ug/L	87
20) Carbon Disulfide	7.30	76	31115	1.8078	ug/L	98
21) Acrylonitrile	7.42	53	2268	1.6925	ug/L	92
22) Methyl Tert Butyl Ether	7.49	73	21849	1.9928	ug/L	95
23) trans-1,2-Dichloroethene	7.72	61	19093	2.0584	ug/L	95
24) n-Hexane	7.83	57	14186	1.7961	ug/L	98
25) Diisopropyl ether	8.16	45	207625	10.6991	ug/L	94
26) Vinyl Acetate	8.30	43	9710	1.8888	ug/L #	76
27) 1,1-Dichloroethane	8.33	63	22833	1.9809	ug/L	97
28) Ethyl-Tert-Butyl ether	8.73	59	168989	10.7450	ug/L	96
30) Propionitrile	8.98	54	3994	9.0710	ug/L #	88
31) 2,2-Dichloropropane	9.11	77	17724	2.0116	ug/L	96
32) cis-1,2-Dichloroethene	9.17	96	13266	2.0140	ug/L	94
33) Chloroform	9.39	83	20975	2.0101	ug/L	99
34) Bromochloromethane	9.61	130	7659	2.1222	ug/L	95
35) Tetrahydrofuran	9.65	42	9441	10.6038	ug/L	88
37) 1,1,1-Trichloroethane	9.92	97	18366	2.0558	ug/L	100
38) Cyclohexane	9.97	56	19979	1.8531	ug/L	92
39) 1,1-Dichloropropene	10.12	75	16194	2.0516	ug/L	99
40) Tert-Amyl-Methyl ether	10.24	73	117182	10.8523	ug/L #	75
41) Carbon Tetrachloride	10.27	117	15615	2.0488	ug/L	98
43) 1,2-Dichloroethane	10.42	62	14944	2.0983	ug/L	98
44) Benzene	10.47	78	54531	2.1963	ug/L	91
45) Trichloroethene	11.23	130	13621	2.0629	ug/L	99
46) Methylcyclohexane	11.33	83	15136	1.8016	ug/L	89

(#) = qualifier out of range (m) = manual integration
 8M339916.D 8260WT.M Wed Sep 26 09:55:04 2007

Data File : C:\MSDCHEM\1\DATA\092507\8M339916.D

Vial: 25

Acq On : 25 Sep 2007 18:39

Operator: CMS

Sample : WG251019-05 2ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:54:23 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) 1,2-Dichloropropane	11.44	63	12672	2.0532	ug/L	91
48) Bromodichloromethane	11.74	83	14057	2.0117	ug/L	98
50) Dibromomethane	11.81	93	5550	2.0404	ug/L	91
51) 2-Chloroethyl Vinyl Ether	12.03	63	4909	1.8911	ug/L	93
53) cis-1,3-Dichloropropene	12.37	75	17205	1.9439	ug/L	100
54) Dimethyl Disulfide	12.63	94	16146	1.6753	ug/L	98
57) Toluene	12.80	91	53770	2.1112	ug/L	98
58) Ethyl Methacrylate	12.89	69	8231	1.8253	ug/L	98
59) trans-1,3-Dichloropropene	12.97	75	14245	1.9831	ug/L	96
60) 1,1,2-Trichloroethane	13.18	97	7793	2.0040	ug/L	96
62) 1,3-Dichloropropane	13.48	76	14179	2.0803	ug/L	96
63) Tetrachloroethene	13.62	164	11056	2.1878	ug/L	95
64) Dibromochloromethane	13.87	129	8740	1.8560	ug/L	94
65) 1,2-Dibromoethane	14.12	107	7747	2.0145	ug/L	96
66) 1-Chlorohexane	14.23	91	14834	1.8167	ug/L	96
67) Chlorobenzene	14.63	112	39406	2.1324	ug/L	94
68) 1,1,1,2-Tetrachloroethane	14.66	131	11795	2.1237	ug/L	94
69) Ethylbenzene	14.67	106	20351	2.2396	ug/L	96
70) m-,p-Xylene	14.76	106	50508	4.2901	ug/L	95
71) o-Xylene	15.31	106	24934	2.1377	ug/L	95
72) Styrene	15.35	104	40040	2.1202	ug/L	98
73) Bromoform	15.84	173	4703	1.7893	ug/L	91
74) Isopropylbenzene	15.75	105	57733	2.1206	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.95	83	7873	1.9892	ug/L #	93
78) 1,2,3-Trichloropropane	16.14	110	2527	2.0485	ug/L #	1
79) trans-1,4-Dichloro-2-Butene	16.18	53	2399	1.7493	ug/L #	1
80) n-Propylbenzene	16.25	91	72583	2.1283	ug/L	97
81) Bromobenzene	16.38	156	15983	2.0596	ug/L	100
82) 1,3,5-Trimethylbenzene	16.44	105	51024	2.0948	ug/L	95
83) 2-Chlorotoluene	16.52	91	50700	2.1720	ug/L	98
84) 4-Chlorotoluene	16.56	91	45226	2.0851	ug/L	96
85) a-Methylstyrene	16.83	118	27672	1.9131	ug/L	96
86) tert-Butylbenzene	16.91	134	11219	2.0236	ug/L	95
87) 1,2,4-Trimethylbenzene	16.96	105	53541	2.1171	ug/L	82
88) sec-Butylbenzene	17.17	105	60223	2.0813	ug/L	96
89) p-Isopropyltoluene	17.33	119	53538	2.0637	ug/L	95
90) 1,3-Dichlorobenzene	17.52	146	33158	2.1198	ug/L	99
91) 1,4-Dichlorobenzene	17.65	146	33219	2.1279	ug/L	84
92) n-Butylbenzene	17.86	91	46278	2.0518	ug/L	96
93) 1,2-Dichlorobenzene	18.14	146	28428	2.0643	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	19.12	75	1146	1.7022	ug/L	64
95) 1,2,4-Trichlorobenzene	20.27	180	18278	2.1192	ug/L	99
96) Hexachlorobutadiene	20.43	225	6034	2.0839	ug/L	92
97) Naphthalene	20.64	128	29625	2.0985	ug/L	99
98) 1,2,3-Trichlorobenzene	20.95	180	13676	2.1760	ug/L	99

(#) = qualifier out of range (m) = manual integration
8M339916.D 8260WT.M Wed Sep 26 09:55:04 2007

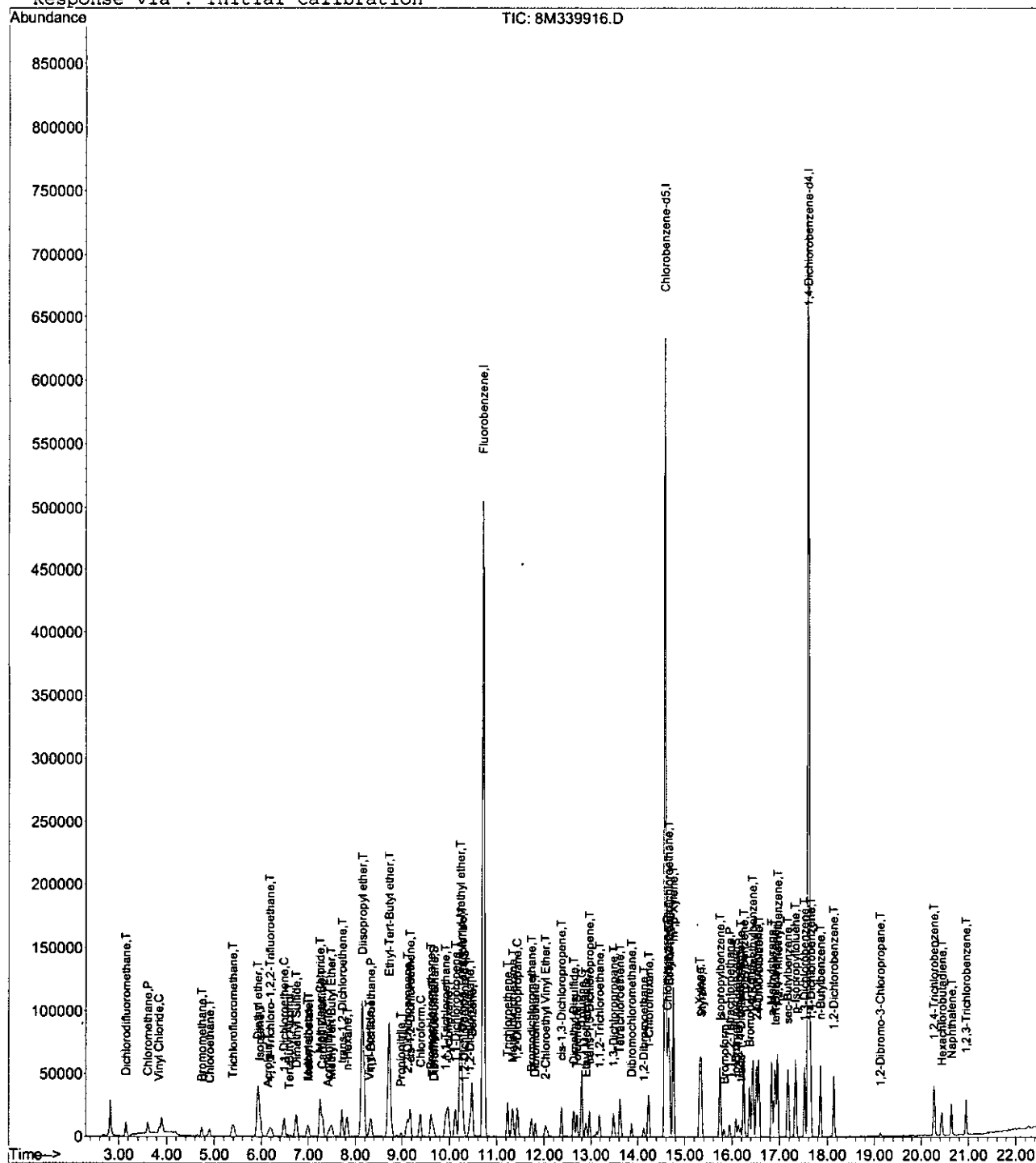
Page 2

Data File : C:\MSDCHEM\1\DATA\092507\8M339916.D
Acq On : 25 Sep 2007 18:39
Sample : WG251019-05 2ug/L STD 8260
Misc : 1,1 STD22050
MS Integration Params: RTEINT.P
Quant Time: Sep 26 9:54 2007

Vial: 25
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



8M339916.D 8260WT.M Wed Sep 26 09:55:06 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\092507\8M339917.D

Vial: 26

Acq On : 25 Sep 2007 19:08

Operator: CMS

Sample : WG251019-06 5ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:55:20 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	671166	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	523061	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	282023	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	13439	2.3897	ug/L	0.00
Spiked Amount 25.000	Range 86	- 118	Recovery	=	9.56%#	
42) 1,2-Dichloroethane-d4	10.31	65	13463	2.5477	ug/L	0.00
Spiked Amount 25.000	Range 80	- 120	Recovery	=	10.20%#	
56) Toluene-d8	12.70	98	45667	2.3130	ug/L	0.00
Spiked Amount 25.000	Range 88	- 110	Recovery	=	9.24%#	
77) p-Bromofluorobenzene	16.09	95	21388	2.4100	ug/L	0.00
Spiked Amount 25.000	Range 86	- 115	Recovery	=	9.64%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	26393	3.7254	ug/L	97
3) Chloromethane	3.61	50	24116	4.3413	ug/L	97
4) Vinyl Chloride	3.85	62	12846	4.0157	ug/L	98
5) 1,3-Butadiene	3.90	54	10964	5.1183	ug/L	# 75
6) Bromomethane	4.73	94	16488	4.2312	ug/L	98
7) Chloroethane	4.90	64	19999	4.2350	ug/L	97
8) Trichlorofluoromethane	5.40	101	36779	3.8312	ug/L	98
9) Diethyl ether	5.92	59	96096	26.3667	ug/L	100
10) Isoprene	5.96	67	32117	4.0524	ug/L	94
11) Acrolein	6.13	56	3811	9.6928	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.19	101	19996	3.8232	ug/L	100
13) Acetone	6.24	43	4953	5.1903	ug/L	78
14) 1,1-Dichloroethene	6.48	61	40131	4.3961	ug/L	96
15) Tert-Butyl Alcohol	6.60	59	11275	50.5340	ug/L	# 90
16) Dimethyl Sulfide	6.74	62	38641	4.9140	ug/L	97
17) Iodomethane	6.99	142	37401	4.4587	ug/L	86
18) Methyl acetate	7.00	43	16865	5.0329	ug/L	# 93
19) Methylene Chloride	7.26	84	35451	4.8595	ug/L	89
20) Carbon Disulfide	7.31	76	74467	4.3485	ug/L	99
21) Acrylonitrile	7.42	53	6375	4.7814	ug/L	95
22) Methyl Tert Butyl Ether	7.48	73	55468	5.0849	ug/L	95
23) trans-1,2-Dichloroethene	7.72	61	42871	4.6454	ug/L	94
24) n-Hexane	7.83	57	30697	3.9063	ug/L	99
25) Diisopropyl ether	8.16	45	521966	27.0340	ug/L	93
26) Vinyl Acetate	8.30	43	26729	5.2257	ug/L	94
27) 1,1-Dichloroethane	8.33	63	54140	4.7209	ug/L	97
28) Ethyl-Tert-Butyl ether	8.73	59	422634	27.0094	ug/L	96
29) 2-Butanone	8.88	43	7196	4.9340	ug/L	96
30) Propionitrile	8.97	54	10755	24.5504	ug/L	# 82
31) 2,2-Dichloropropane	9.11	77	37863	4.3192	ug/L	98
32) cis-1,2-Dichloroethene	9.17	96	32158	4.9070	ug/L	97
33) Chloroform	9.39	83	49211	4.7400	ug/L	100
34) Bromochloromethane	9.60	130	18262	5.0858	ug/L	95
35) Tetrahydrofuran	9.64	42	21595	24.3780	ug/L	97
37) 1,1,1-Trichloroethane	9.92	97	39819	4.4797	ug/L	96
38) Cyclohexane	9.97	56	42990	4.0078	ug/L	95
39) 1,1-Dichloropropene	10.12	75	34348	4.3736	ug/L	100
40) Tert-Amyl-Methyl ether	10.23	73	296812	27.6276	ug/L	# 74
41) Carbon Tetrachloride	10.27	117	32501	4.2861	ug/L	98
43) 1,2-Dichloroethane	10.42	62	37037	5.2268	ug/L	98

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

8M339917.D 8260WT.M Wed Sep 26 09:55:38 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\092507\8M339917.D
Acq On : 25 Sep 2007 19:08
Sample : WG251019-06 5ug/L STD 8260
Misc : 1,1 STD22050
MS Integration Params: RTEINT.P
Quant Time: Sep 26 09:55:20 2007

Vial: 26
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.47	78	125104	5.0643	ug/L	92
45) Trichloroethene	11.23	130	30259	4.6061	ug/L	97
46) Methylcyclohexane	11.33	83	33231	3.9756	ug/L	89
47) 1,2-Dichloropropane	11.43	63	30551	4.9753	ug/L	92
48) Bromodichloromethane	11.73	83	34455	4.9559	ug/L	100
50) Dibromomethane	11.81	93	14360	5.3062	ug/L	88
51) 2-Chloroethyl Vinyl Ether	12.03	63	12892	4.9918	ug/L	98
52) 4-Methyl-2-Pentanone	12.07	58	5757	4.7360	ug/L	93
53) cis-1,3-Dichloropropene	12.36	75	43873	4.9821	ug/L	99
54) Dimethyl Disulfide	12.63	94	46925	4.8937	ug/L	93
57) Toluene	12.80	91	124708	4.9012	ug/L	100
58) Ethyl Methacrylate	12.89	69	22606	5.0179	ug/L	97
59) trans-1,3-Dichloropropene	12.96	75	36190	5.0429	ug/L	97
60) 1,1,2-Trichloroethane	13.18	97	19895	5.1210	ug/L	93
61) 2-Hexanone	13.12	58	4989	4.4580	ug/L #	1
62) 1,3-Dichloropropane	13.48	76	35645	5.2347	ug/L	98
63) Tetrachloroethene	13.63	164	23464	4.6475	ug/L	95
64) Dibromochloromethane	13.87	129	23532	5.0020	ug/L	99
65) 1,2-Dibromoethane	14.12	107	19909	5.1819	ug/L	96
66) 1-Chlorohexane	14.23	91	35015	4.2923	ug/L	96
67) Chlorobenzene	14.64	112	92533	5.0120	ug/L	98
68) 1,1,1,2-Tetrachloroethane	14.67	131	30038	5.4136	ug/L	98
69) Ethylbenzene	14.67	106	45939	5.0603	ug/L	95
70) m-,p-Xylene	14.75	106	114846	9.7643	ug/L	94
71) o-Xylene	15.32	106	58658	5.0337	ug/L	96
72) Styrene	15.35	104	96027	5.0896	ug/L	99
73) Bromoform	15.84	173	12207	4.6487	ug/L	96
74) Isopropylbenzene	15.75	105	130824	4.8099	ug/L	98
76) 1,1,2,2-Tetrachloroethane	15.95	83	20060	5.1436	ug/L	100
78) 1,2,3-Trichloropropane	16.14	110	6158	5.0661	ug/L #	1
79) trans-1,4-Dichloro-2-Butene	16.18	53	6158	4.5570	ug/L #	1
80) n-Propylbenzene	16.25	91	162612	4.8390	ug/L	97
81) Bromobenzene	16.38	156	39175	5.1231	ug/L	98
82) 1,3,5-Trimethylbenzene	16.44	105	117837	4.9098	ug/L	96
83) 2-Chlorotoluene	16.52	91	114053	4.9587	ug/L	97
84) 4-Chlorotoluene	16.56	91	108754	5.0886	ug/L	95
85) a-Methylstyrene	16.84	118	71711	5.0315	ug/L	99
86) tert-Butylbenzene	16.90	134	26365	4.8262	ug/L	89
87) 1,2,4-Trimethylbenzene	16.96	105	125870	5.0510	ug/L	84
88) sec-Butylbenzene	17.17	105	133985	4.6993	ug/L	96
89) p-Isopropyltoluene	17.33	119	122172	4.7792	ug/L	97
90) 1,3-Dichlorobenzene	17.51	146	78652	5.1029	ug/L	100
91) 1,4-Dichlorobenzene	17.65	146	78062	5.0748	ug/L	92
92) n-Butylbenzene	17.86	91	104888	4.7194	ug/L	96
93) 1,2-Dichlorobenzene	18.13	146	70022	5.1601	ug/L	100
94) 1,2-Dibromo-3-Chloropropan	19.13	75	3120	4.7030	ug/L	69
95) 1,2,4-Trichlorobenzene	20.27	180	44269	5.2089	ug/L	99
96) Hexachlorobutadiene	20.43	225	13521	4.7389	ug/L	88
97) Naphthalene	20.64	128	73859	5.3095	ug/L	100
98) 1,2,3-Trichlorobenzene	20.95	180	32681	5.2771	ug/L	99

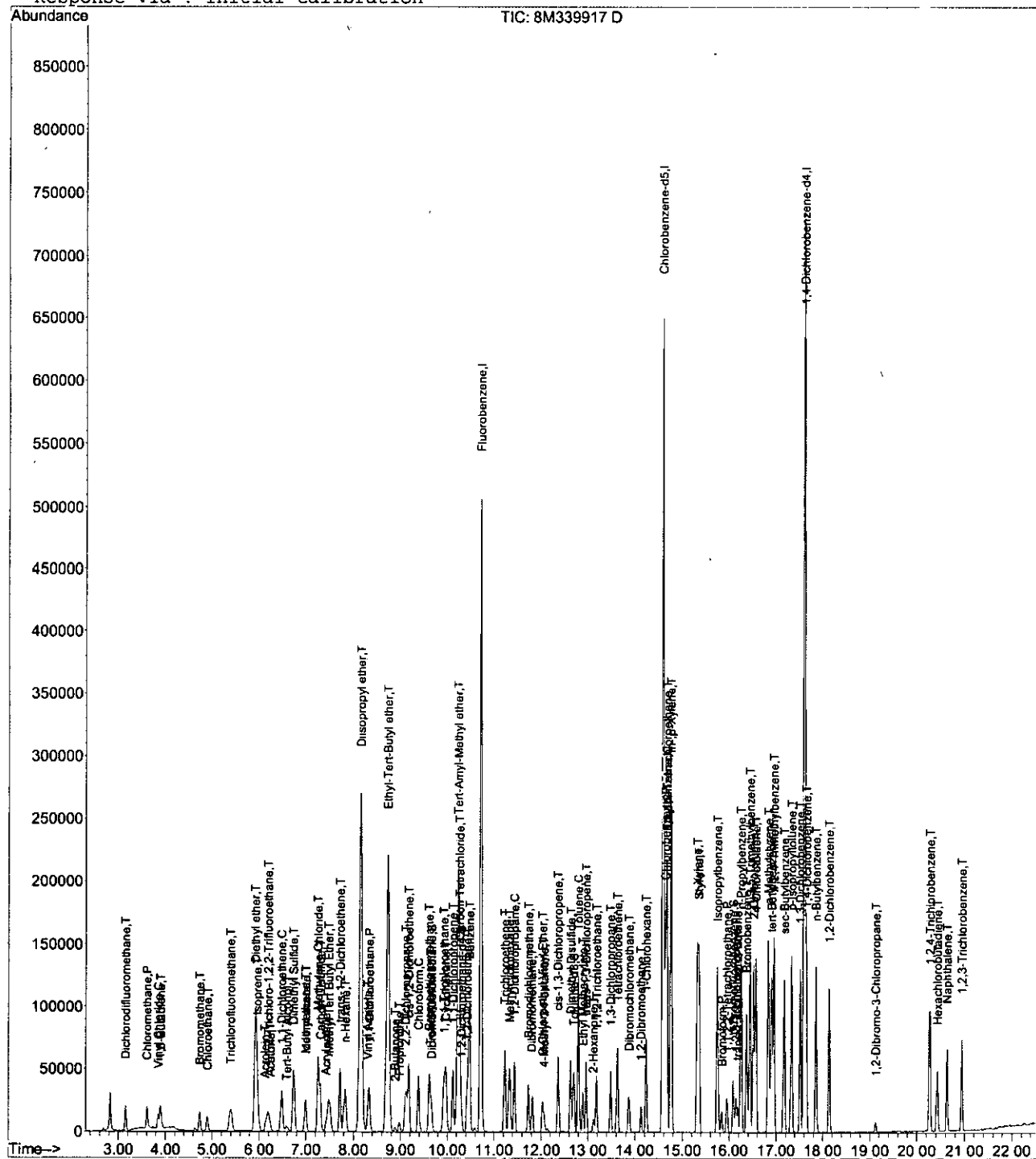
(#) = qualifier out of range (m) = manual integration
8M339917.D 8260WT.M Wed Sep 26 09:55:39 2007

Data File : C:\MSDCHEM\1\DATA\092507\8M339917.D
Acq On : 25 Sep 2007 19:08
Sample : WG251019-06 5ug/L STD 8260
Misc : 1,1 STD22050
MS Integration Params: RTEINT.P
Quant Time: Sep 26 9:55 2007

Vial: 26
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\092507\8M339918.D

Vial: 27

Acq On : 25 Sep 2007 19:38

Operator: CMS

Sample : WG251019-07 20ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:55:56 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	680217	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	533184	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	286735	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	60881	10.6816	ug/L	0.00
Spiked Amount	25.000	Range	86 - 118	Recovery	=	42.72%#
42) 1,2-Dichloroethane-d4	10.31	65	57214	10.6831	ug/L	0.00
Spiked Amount	25.000	Range	80 - 120	Recovery	=	42.72%#
56) Toluene-d8	12.70	98	219202	10.8918	ug/L	0.00
Spiked Amount	25.000	Range	88 - 110	Recovery	=	43.56%#
77) p-Bromofluorobenzene	16.09	95	96152	10.6564	ug/L	0.00
Spiked Amount	25.000	Range	86 - 115	Recovery	=	42.64%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	157478	21.9323	ug/L	97
3) Chloromethane	3.61	50	112531	19.9882	ug/L	99
4) Vinyl Chloride	3.84	62	65023	20.3568	ug/L	98
5) 1,3-Butadiene	3.89	54	48065	22.1397	ug/L	80
6) Bromomethane	4.73	94	79087	20.0253	ug/L	98
7) Chloroethane	4.90	64	102072	21.3271	ug/L	99
8) Trichlorofluoromethane	5.40	101	212279	21.8183	ug/L	97
9) Diethyl ether	5.92	59	198939	53.8584	ug/L	98
10) Isoprene	5.97	67	184754	23.0012	ug/L	92
11) Acrolein	6.14	56	17671	44.3457	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.19	101	116103	21.9034	ug/L	98
13) Acetone	6.24	43	20393	21.0856	ug/L	93
14) 1,1-Dichloroethene	6.48	61	203380	21.9828	ug/L	97
15) Tert-Butyl Alcohol	6.59	59	24684	109.1604	ug/L	96
16) Dimethyl Sulfide	6.74	62	168115	21.0949	ug/L	99
17) Iodomethane	6.99	142	195168	22.9570	ug/L	87
18) Methyl acetate	7.00	43	70727	20.8256	ug/L	96
19) Methylene Chloride	7.26	84	126663	20.1229	ug/L	88
20) Carbon Disulfide	7.30	76	387898	22.3500	ug/L	99
21) Acrylonitrile	7.42	53	29173	21.5894	ug/L	100
22) Methyl Tert Butyl Ether	7.48	73	233549	21.1253	ug/L	95
23) trans-1,2-Dichloroethene	7.72	61	199348	21.3135	ug/L	95
24) n-Hexane	7.83	57	179760	22.5709	ug/L	97
25) Diisopropyl ether	8.16	45	1079153	55.1484	ug/L	93
26) Vinyl Acetate	8.30	43	103416	19.9497	ug/L	99
27) 1,1-Dichloroethane	8.33	63	241998	20.8211	ug/L	98
28) Ethyl-Tert-Butyl ether	8.73	59	869810	54.8475	ug/L	96
29) 2-Butanone	8.88	43	30717	20.7810	ug/L	95
30) Propionitrile	8.97	54	22727	51.1886	ug/L #	72
31) 2,2-Dichloropropane	9.12	77	189493	21.3288	ug/L	99
32) cis-1,2-Dichloroethene	9.17	96	139743	21.0397	ug/L	96
33) Chloroform	9.39	83	215531	20.4838	ug/L	99
34) Bromochloromethane	9.61	130	77595	21.3221	ug/L	97
35) Tetrahydrofuran	9.64	42	47403	52.7999	ug/L	93
37) 1,1,1-Trichloroethane	9.93	97	197857	21.9632	ug/L	96
38) Cyclohexane	9.97	56	246750	22.6972	ug/L	95
39) 1,1-Dichloropropene	10.12	75	172924	21.7258	ug/L	98
40) Tert-Amyl-Methyl ether	10.24	73	601717	55.2633	ug/L #	74
41) Carbon Tetrachloride	10.27	117	171964	22.3761	ug/L	98
43) 1,2-Dichloroethane	10.42	62	152376	21.2178	ug/L	98

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

8M339918.D 8260WT.M Wed Sep 26 09:56:02 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\092507\8M339918.D

Vial: 27

Acq On : 25 Sep 2007 19:38

Operator: CMS

Sample : WG251019-07 20ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:55:56 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.47	78	520865	20.8042	ug/L	93
45) Trichloroethene	11.23	130	144806	21.7494	ug/L	96
46) Methylcyclohexane	11.33	83	194385	22.9458	ug/L	89
47) 1,2-Dichloropropane	11.43	63	130045	20.8962	ug/L	93
48) Bromodichloromethane	11.73	83	151665	21.5249	ug/L	98
49) 1,4-Dioxane	11.71	88	2429	92.7097	ug/L	94
50) Dibromomethane	11.81	93	58281	21.2490	ug/L	91
51) 2-Chloroethyl Vinyl Ether	12.02	63	55958	21.3785	ug/L	100
52) 4-Methyl-2-Pentanone	12.07	58	25695	20.8566	ug/L	99
53) cis-1,3-Dichloropropene	12.37	75	189264	21.2064	ug/L	99
54) Dimethyl Disulfide	12.62	94	217788	22.4106	ug/L	94
57) Toluene	12.80	91	548294	21.1396	ug/L	98
58) Ethyl Methacrylate	12.89	69	100768	21.9432	ug/L	95
59) trans-1,3-Dichloropropene	12.96	75	157750	21.5645	ug/L	98
60) 1,1,2-Trichloroethane	13.18	97	83262	21.0250	ug/L	97
61) 2-Hexanone	13.12	58	23749	20.8184	ug/L #	33
62) 1,3-Dichloropropane	13.48	76	146736	21.1400	ug/L	96
63) Tetrachloroethene	13.63	164	114377	22.2246	ug/L	95
64) Dibromochloromethane	13.86	129	108252	22.5732	ug/L	99
65) 1,2-Dibromoethane	14.12	107	85819	21.9129	ug/L	100
66) 1-Chlorohexane	14.23	91	190841	22.9498	ug/L	97
67) Chlorobenzene	14.63	112	390436	20.7464	ug/L	95
68) 1,1,1,2-Tetrachloroethane	14.67	131	128511	22.7214	ug/L	98
69) Ethylbenzene	14.67	106	202811	21.9159	ug/L	94
70) m-,p-Xylene	14.75	106	502953	41.9495	ug/L	95
71) o-Xylene	15.32	106	255950	21.5472	ug/L	95
72) Styrene	15.35	104	417990	21.7336	ug/L	97
73) Bromoform	15.84	173	58168	21.7310	ug/L	99
74) Isopropylbenzene	15.75	105	600795	21.6696	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.95	83	84385	21.2818	ug/L	98
78) 1,2,3-Trichloropropane	16.14	110	26495	21.4387	ug/L #	1
79) trans-1,4-Dichloro-2-Butene	16.18	53	29827	21.7094	ug/L #	1
80) n-Propylbenzene	16.25	91	750328	21.9612	ug/L	95
81) Bromobenzene	16.38	156	162075	20.8471	ug/L	98
82) 1,3,5-Trimethylbenzene	16.44	105	525572	21.5384	ug/L	95
83) 2-Chlorotoluene	16.52	91	498839	21.3318	ug/L	96
84) 4-Chlorotoluene	16.56	91	453961	20.8917	ug/L	95
85) a-Methylstyrene	16.83	118	321850	22.2109	ug/L	98
86) tert-Butylbenzene	16.90	134	120720	21.7350	ug/L	88
87) 1,2,4-Trimethylbenzene	16.96	105	538817	21.2667	ug/L	82
88) sec-Butylbenzene	17.17	105	626523	21.6130	ug/L	95
89) p-Isopropyltoluene	17.33	119	566111	21.7817	ug/L	97
90) 1,3-Dichlorobenzene	17.51	146	327645	20.9083	ug/L	100
91) 1,4-Dichlorobenzene	17.65	146	324630	20.7571	ug/L	97
92) n-Butylbenzene	17.86	91	485383	21.4806	ug/L	95
93) 1,2-Dichlorobenzene	18.13	146	287748	20.8564	ug/L	100
94) 1,2-Dibromo-3-Chloropropan	19.12	75	14056	20.8395	ug/L #	59
95) 1,2,4-Trichlorobenzene	20.27	180	183743	21.2648	ug/L	99
96) Hexachlorobutadiene	20.43	225	63446	21.8715	ug/L	91
97) Naphthalene	20.64	128	302116	21.3612	ug/L	100
98) 1,2,3-Trichlorobenzene	20.95	180	133449	21.1945	ug/L	98

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

8M339918.D 8260WT.M

Wed Sep 26 09:56:02 2007

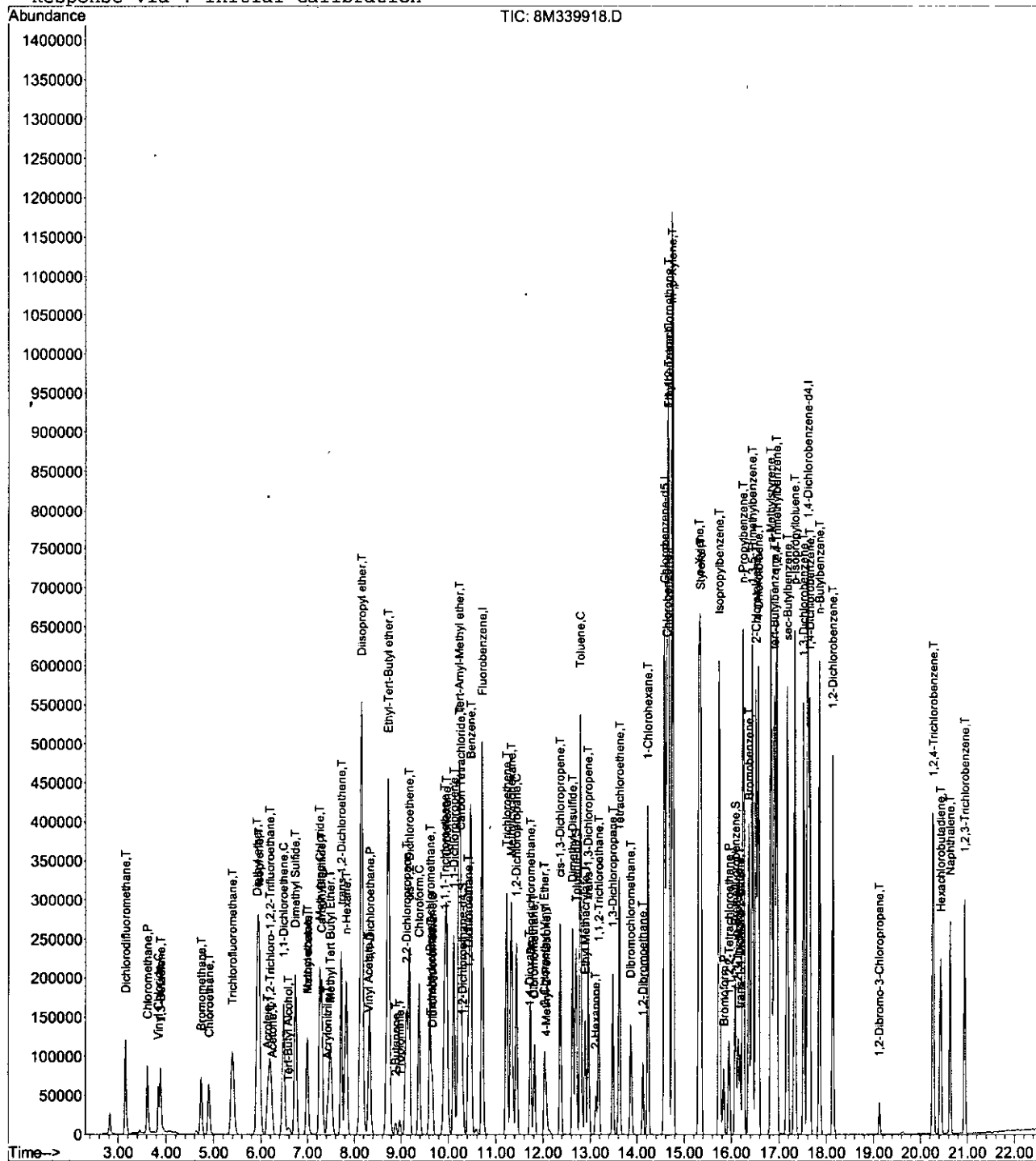
Page 2

Data File : C:\MSDCHEM\1\DATA\092507\8M339918.D
Acq On : 25 Sep 2007 19:38
Sample : WG251019-07 20ug/L STD 8260
Misc : 1,1 STD22050
MS Integration Params: RTEINT.P
Quant Time: Sep 26 9:55 2007

Vial: 27
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



8M339918.D 8260WT.M Wed Sep 26 09:56:06 2007

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Data File : C:\MSDCHEM\1\DATA\092507\8M339919.D

Vial: 28

Acq On : 25 Sep 2007 20:07

Operator: CMS

Sample : WG251019-08 50ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:56:20 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.71	96	673389	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	530385	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.60	152	288496	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	148405	26.3016	ug/L	0.00
Spiked Amount	25.000	Range 86 - 118	Recovery	=	105.20%	
42) 1,2-Dichloroethane-d4	10.30	65	135151	25.4915	ug/L	0.00
Spiked Amount	25.000	Range 80 - 120	Recovery	=	101.96%	
56) Toluene-d8	12.70	98	530794	26.5135	ug/L	0.00
Spiked Amount	25.000	Range 88 - 110	Recovery	=	106.04%	
77) p-Bromofluorobenzene	16.08	95	237347	26.1442	ug/L	0.00
Spiked Amount	25.000	Range 86 - 115	Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.14	85	377596	53.1218	ug/L	96
3) Chloromethane	3.61	50	266127	47.7498	ug/L	99
4) Vinyl Chloride	3.84	62	155035	50.4239	ug/L	99
5) 1,3-Butadiene	3.88	54	110249	51.2978	ug/L	88
6) Bromomethane	4.73	94	208456	53.3174	ug/L	98
7) Chloroethane	4.89	64	252097	53.2076	ug/L	99
8) Trichlorofluoromethane	5.40	101	524519	54.4573	ug/L	98
9) Diethyl ether	5.93	59	360905	98.6979	ug/L	98
10) Isoprene	5.97	67	439976	55.3308	ug/L	93
11) Acrolein	6.13	56	42074	106.6561	ug/L	95
12) 1,1,2-Trichloro-1,2,2-Trif	6.18	101	281457	53.6367	ug/L	96
13) Acetone	6.24	43	46872	48.9554	ug/L	97
14) 1,1-Dichloroethene	6.48	61	498982	54.4804	ug/L	98
15) Tert-Butyl Alcohol	6.60	59	39818	177.8732	ug/L	91
16) Dimethyl Sulfide	6.74	62	403313	51.1204	ug/L	98
17) Iodomethane	6.99	142	487461	57.9199	ug/L	87
18) Methyl acetate	7.00	43	165912	49.3482	ug/L	96
19) Methylene Chloride	7.26	84	295457	49.9578	ug/L	88
20) Carbon Disulfide	7.30	76	922186	53.6736	ug/L	99
21) Acrylonitrile	7.43	53	69528	51.9758	ug/L	99
22) Methyl Tert Butyl Ether	7.49	73	544956	49.7929	ug/L	94
23) trans-1,2-Dichloroethene	7.71	61	483285	52.1947	ug/L	95
24) n-Hexane	7.83	57	424931	53.8959	ug/L	97
25) Diisopropyl ether	8.16	45	2000993	103.2944	ug/L	93
26) Vinyl Acetate	8.30	43	259173	50.5032	ug/L	99
27) 1,1-Dichloroethane	8.33	63	587247	51.0381	ug/L	99
28) Ethyl-Tert-Butyl ether	8.73	59	1589435	101.2410	ug/L	96
29) 2-Butanone	8.88	43	70708	48.3211	ug/L	97
30) Propionitrile	8.98	54	44058	100.2392	ug/L #	74
31) 2,2-Dichloropropane	9.11	77	464977	52.8673	ug/L	99
32) cis-1,2-Dichloroethene	9.17	96	333298	50.6901	ug/L	94
33) Chloroform	9.38	83	518192	49.7477	ug/L	99
34) Bromochloromethane	9.61	130	186783	51.8459	ug/L	98
35) Tetrahydrofuran	9.64	42	84332	94.8858	ug/L	95
37) 1,1,1-Trichloroethane	9.92	97	479984	53.8210	ug/L	95
38) Cyclohexane	9.97	56	582403	54.1154	ug/L	96
39) 1,1-Dichloropropene	10.12	75	421512	53.4947	ug/L	98
40) Tert-Amyl-Methyl ether	10.24	73	1085931	100.7461	ug/L #	74
41) Carbon Tetrachloride	10.27	117	423600	55.6782	ug/L	99
43) 1,2-Dichloroethane	10.42	62	360736	50.7406	ug/L	98

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

8M339919.D 8260WT.M Wed Sep 26 09:56:25 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\092507\8M339919.D

Vial: 28

Acq On : 25 Sep 2007 20:07

Operator: CMS

Sample : WG251019-08 50ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:56:20 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.48	78	1218016	49.1429	ug/L	94
45) Trichloroethene	11.23	130	345242	52.3800	ug/L	96
46) Methylcyclohexane	11.33	83	465905	55.5544	ug/L	89
47) 1,2-Dichloropropane	11.44	63	314090	50.9811	ug/L	93
48) Bromodichloromethane	11.74	83	372872	53.4561	ug/L	99
49) 1,4-Dioxane	11.72	88	4845	186.7983	ug/L	91
50) Dibromomethane	11.81	93	137880	50.7802	ug/L	93
51) 2-Chloroethyl Vinyl Ether	12.03	63	137475	53.0543	ug/L	99
52) 4-Methyl-2-Pentanone	12.07	58	60213	49.3703	ug/L	99
53) cis-1,3-Dichloropropene	12.37	75	459919	52.0550	ug/L	98
54) Dimethyl Disulfide	12.63	94	535407	55.6526	ug/L	92
57) Toluene	12.80	91	1292214	50.0845	ug/L	98
58) Ethyl Methacrylate	12.89	69	240308	52.6054	ug/L	94
59) trans-1,3-Dichloropropene	12.97	75	380821	52.3332	ug/L	99
60) 1,1,2-Trichloroethane	13.18	97	196081	49.7750	ug/L	97
61) 2-Hexanone	13.12	58	56514	49.8017	ug/L #	67
62) 1,3-Dichloropropane	13.48	76	344431	49.8834	ug/L	96
63) Tetrachloroethene	13.62	164	273631	53.4497	ug/L	95
64) Dibromochloromethane	13.87	129	267621	56.1002	ug/L	100
65) 1,2-Dibromoethane	14.13	107	206657	53.0460	ug/L	99
66) 1-Chlorohexane	14.23	91	453727	54.8513	ug/L	97
67) Chlorobenzene	14.63	112	893778	47.7429	ug/L	94
68) 1,1,1,2-Tetrachloroethane	14.66	131	293091	52.0934	ug/L	98
69) Ethylbenzene	14.66	106	467018	50.7325	ug/L	92
70) m-,p-Xylene	14.76	106	1128620	94.6309	ug/L	93
71) o-Xylene	15.31	106	597118	50.5339	ug/L	94
72) Styrene	15.36	104	971066	50.7576	ug/L	99
73) Bromoform	15.83	173	148707	55.8487	ug/L	100
74) Isopropylbenzene	15.75	105	1433461	51.9752	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.94	83	205864	51.6018	ug/L	99
78) 1,2,3-Trichloropropane	16.14	110	64885	52.1819	ug/L #	1
79) trans-1,4-Dichloro-2-Butene	16.18	53	75667	54.7377	ug/L #	1
80) n-Propylbenzene	16.25	91	1771197	51.5245	ug/L	95
81) Bromobenzene	16.37	156	383265	48.9970	ug/L	100
82) 1,3,5-Trimethylbenzene	16.44	105	1241404	50.5634	ug/L	94
83) 2-Chlorotoluene	16.52	91	1213879	51.5922	ug/L	95
84) 4-Chlorotoluene	16.57	91	1045060	47.8009	ug/L	94
85) a-Methylstyrene	16.83	118	777232	53.3094	ug/L	97
86) tert-Butylbenzene	16.91	134	294323	52.6677	ug/L	87
87) 1,2,4-Trimethylbenzene	16.96	105	1281105	50.2557	ug/L	80
88) sec-Butylbenzene	17.18	105	1517330	52.0233	ug/L	94
89) p-Isopropyltoluene	17.33	119	1365209	52.2071	ug/L	96
90) 1,3-Dichlorobenzene	17.52	146	781327	49.5551	ug/L	99
91) 1,4-Dichlorobenzene	17.65	146	769369	48.8939	ug/L	98
92) n-Butylbenzene	17.86	91	1171343	51.5214	ug/L	94
93) 1,2-Dichlorobenzene	18.14	146	680110	48.9945	ug/L	98
94) 1,2-Dibromo-3-Chloropropan	19.12	75	35892	52.8889	ug/L #	59
95) 1,2,4-Trichlorobenzene	20.27	180	427223	49.1412	ug/L	99
96) Hexachlorobutadiene	20.43	225	158542	54.3199	ug/L	91
97) Naphthalene	20.63	128	699523	49.1580	ug/L	100
98) 1,2,3-Trichlorobenzene	20.95	180	305948	48.2943	ug/L	99

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

8M339919.D 8260WT.M Wed Sep 26 09:56:26 2007

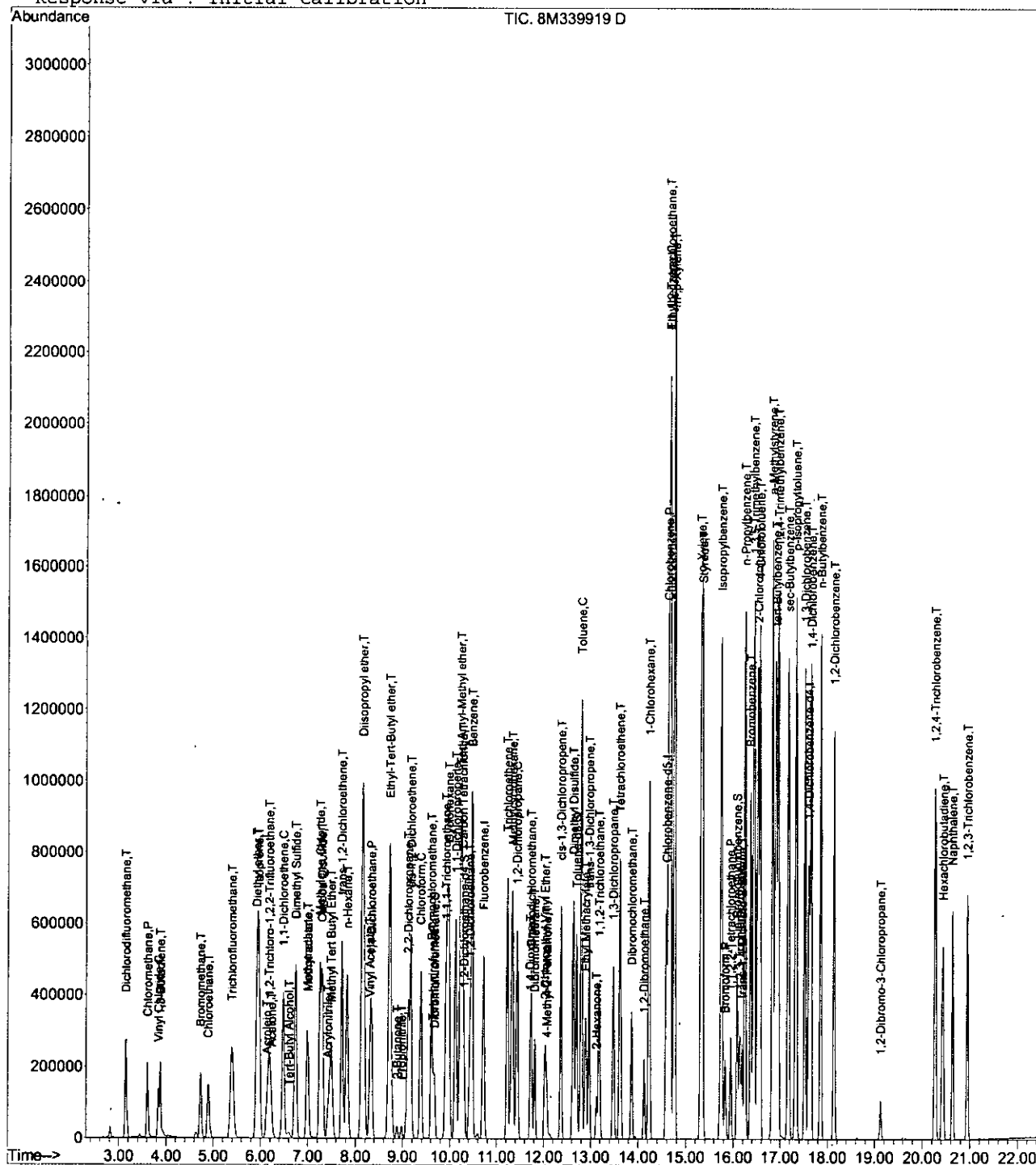
Page 2

Data File : C:\MSDCHEM\1\DATA\092507\8M339919.D
Acq On : 25 Sep 2007 20:07
Sample : WG251019-08 50ug/L STD 8260
Misc : 1,1 STD22050
MS Integration Params: RTEINT.P
Quant Time: Sep 26 9:56 2007

Vial: 28
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



8M339919.D 8260WT.M Wed Sep 26 09:56:30 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\092507\8M339920.D Vial: 29
 Acq On : 25 Sep 2007 20:36 Operator: CMS
 Sample : WG251019-09 100ug/L STD 8260 Inst : HPMS8
 Misc : 1,1 STD22050 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 09:56:34 2007 Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
 Last Update : Wed Sep 26 06:31:52 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	653268	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	531015	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	288587	25.00	ug/L	0.00

System Monitoring Compounds						
36) Dibromofluoromethane	9.67	111	282551	51.6186	ug/L	0.00
Spiked Amount	25.000	Range 86 - 118	Recovery	=	206.48%#	
42) 1,2-Dichloroethane-d4	10.31	65	252046	49.0038	ug/L	0.00
Spiked Amount	25.000	Range 80 - 120	Recovery	=	196.00%#	
56) Toluene-d8	12.70	98	1023322	51.0550	ug/L	0.00
Spiked Amount	25.000	Range 88 - 110	Recovery	=	204.20%#	
77) p-Bromofluorobenzene	16.09	95	463893	51.0825	ug/L	0.00
Spiked Amount	25.000	Range 86 - 115	Recovery	=	204.32%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.15	85	685057	99.3452	ug/L	96
3) Chloromethane	3.61	50	490984	90.8081	ug/L	100
4) Vinyl Chloride	3.84	62	283241	99.5941	ug/L	100
5) 1,3-Butadiene	3.88	54	194127	93.1075	ug/L	86
6) Bromomethane	4.72	94	416573	109.8298	ug/L	99
7) Chloroethane	4.89	64	469667	102.1811	ug/L	99
8) Trichlorofluoromethane	5.40	101	985618	105.4819	ug/L	98
9) Diethyl ether	5.92	59	659875	186.0164	ug/L	99
10) Isoprene	5.96	67	812753	105.3589	ug/L	91
11) Acrolein	6.14	56	82429	215.3906	ug/L	97
12) 1,1,2-Trichloro-1,2,2-Trif	6.18	101	523872	102.9081	ug/L	97
13) Acetone	6.24	43	92554	99.6453	ug/L	96
14) 1,1-Dichloroethene	6.48	61	949045	106.8113	ug/L	97
15) Tert-Butyl Alcohol	6.62	59	86198	396.9199	ug/L	91
16) Dimethyl Sulfide	6.74	62	773137	101.0143	ug/L	97
17) Iodomethane	6.99	142	916522	112.2550	ug/L	88
18) Methyl acetate	7.00	43	320164	98.1615	ug/L	97
19) Methylene Chloride	7.26	84	547478	99.9993	ug/L	86
20) Carbon Disulfide	7.30	76	1716820	103.0010	ug/L	98
21) Acrylonitrile	7.42	53	135967	104.7730	ug/L	97
22) Methyl Tert Butyl Ether	7.49	73	1033381	97.3287	ug/L	94
23) trans-1,2-Dichloroethene	7.71	61	907472	101.0256	ug/L	94
24) n-Hexane	7.83	57	793867	103.7909	ug/L	97
25) Diisopropyl ether	8.16	45	3675195	195.5628	ug/L	94
26) Vinyl Acetate	8.30	43	507379	101.9146	ug/L	99
27) 1,1-Dichloroethane	8.33	63	1106178	99.0999	ug/L	99
28) Ethyl-Tert-Butyl ether	8.73	59	2938553	192.9398	ug/L	96
29) 2-Butanone	8.88	43	142008	100.0358	ug/L	97
30) Propionitrile	8.97	54	88400	207.3192	ug/L #	72
31) 2,2-Dichloropropane	9.11	77	879694	103.1007	ug/L	99
32) cis-1,2-Dichloroethene	9.17	96	620690	97.3061	ug/L	93
33) Chloroform	9.38	83	963621	95.3594	ug/L	99
34) Bromochloromethane	9.60	130	346863	99.2453	ug/L	96
35) Tetrahydrofuran	9.64	42	161826	187.6859	ug/L	94
37) 1,1,1-Trichloroethane	9.92	97	890373	102.9133	ug/L	94
38) Cyclohexane	9.97	56	1076509	103.1073	ug/L	95
39) 1,1-Dichloropropene	10.12	75	790547	103.4197	ug/L	98
40) Tert-Amyl-Methyl ether	10.24	73	1962396	187.6668	ug/L #	75
41) Carbon Tetrachloride	10.27	117	781642	105.9038	ug/L	98
43) 1,2-Dichloroethane	10.42	62	672900	97.5643	ug/L	98

(#) = qualifier out of range (m) = manual integration
 8M339920.D 8260WT.M Wed Sep 26 09:56:40 2007

Data File : C:\MSDCHEM\1\DATA\092507\8M339920.D

Vial: 29

Acq On : 25 Sep 2007 20:36

Operator: CMS

Sample : WG251019-09 100ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:56:34 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via: Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.47	78	2220793	92.3614	ug/L	95
45) Trichloroethene	11.23	130	636379	99.5251	ug/L	96
46) Methylcyclohexane	11.33	83	861496	105.8886	ug/L	89
47) 1,2-Dichloropropane	11.43	63	593039	99.2231	ug/L	92
48) Bromodichloromethane	11.73	83	701784	103.7088	ug/L	99
49) 1,4-Dioxane	11.72	88	9956	395.6750	ug/L	79
50) Dibromomethane	11.81	93	259527	98.5258	ug/L	92
51) 2-Chloroethyl Vinyl Ether	12.02	63	262265	104.3306	ug/L	100
52) 4-Methyl-2-Pentanone	12.07	58	120113	101.5174	ug/L	99
53) cis-1,3-Dichloropropene	12.37	75	859976	100.3326	ug/L	99
54) Dimethyl Disulfide	12.62	94	1012489	108.4841	ug/L	93
57) Toluene	12.80	91	2330746	90.2294	ug/L	97
58) Ethyl Methacrylate	12.89	69	462664	101.1609	ug/L	94
59) trans-1,3-Dichloropropene	12.97	75	721599	99.0460	ug/L	99
60) 1,1,2-Trichloroethane	13.18	97	371137	94.1010	ug/L	97
61) 2-Hexanone	13.12	58	116960	102.9462	ug/L #	71
62) 1,3-Dichloropropane	13.48	76	655368	94.8033	ug/L	95
63) Tetrachloroethene	13.63	164	503968	98.3258	ug/L	95
64) Dibromochloromethane	13.86	129	523192	109.5442	ug/L	100
65) 1,2-Dibromoethane	14.12	107	389456	99.8494	ug/L	99
66) 1-Chlorohexane	14.23	91	838697	101.2702	ug/L	96
67) Chlorobenzene	14.63	112	1585538	84.5941	ug/L	95
68) 1,1,1,2-Tetrachloroethane	14.67	131	519195	92.1712	ug/L	98
69) Ethylbenzene	14.67	106	815346	88.4666	ug/L	90
70) m-,p-Xylene	14.75	106	1972266	165.1714	ug/L	91
71) o-Xylene	15.31	106	1091766	92.2862	ug/L	92
72) Styrene	15.35	104	1765454	92.1708	ug/L	99
73) Bromoform	15.83	173	298782	112.0780	ug/L	99
74) Isopropylbenzene	15.75	105	2624740	95.0563	ug/L	95
76) 1,1,2,2-Tetrachloroethane	15.95	83	403618	101.1388	ug/L	98
78) 1,2,3-Trichloropropane	16.14	110	126952	102.0652	ug/L #	15
79) trans-1,4-Dichloro-2-Butene	16.18	53	156747	113.3554	ug/L #	74
80) n-Propylbenzene	16.25	91	3246017	94.3975	ug/L	93
81) Bromobenzene	16.38	156	726763	92.8809	ug/L	98
82) 1,3,5-Trimethylbenzene	16.44	105	2308838	94.0112	ug/L	94
83) 2-Chlorotoluene	16.52	91	2183144	92.7585	ug/L	95
84) 4-Chlorotoluene	16.56	91	1982519	90.6516	ug/L	94
85) a-Methylstyrene	16.83	118	1446001	99.1482	ug/L	99
86) tert-Butylbenzene	16.90	134	553401	98.9973	ug/L	85
87) 1,2,4-Trimethylbenzene	16.96	105	2372656	93.0461	ug/L	80
88) sec-Butylbenzene	17.17	105	2832683	97.0910	ug/L	94
89) p-Isopropyltoluene	17.33	119	2544049	97.2565	ug/L	96
90) 1,3-Dichlorobenzene	17.51	146	1447296	91.7648	ug/L	97
91) 1,4-Dichlorobenzene	17.65	146	1425886	90.5874	ug/L	98
92) n-Butylbenzene	17.86	91	2175699	95.6677	ug/L	93
93) 1,2-Dichlorobenzene	18.13	146	1265348	91.1258	ug/L	97
94) 1,2-Dibromo-3-Chloropropan	19.12	75	71889	105.8992	ug/L #	56
95) 1,2,4-Trichlorobenzene	20.28	180	786285	90.4137	ug/L	99
96) Hexachlorobutadiene	20.43	225	308035	105.5061	ug/L	91
97) Naphthalene	20.64	128	1295156	90.9866	ug/L	99
98) 1,2,3-Trichlorobenzene	20.95	180	559071	88.2222	ug/L	99

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

8M339920.D 8260WT.M Wed Sep 26 09:56:41 2007

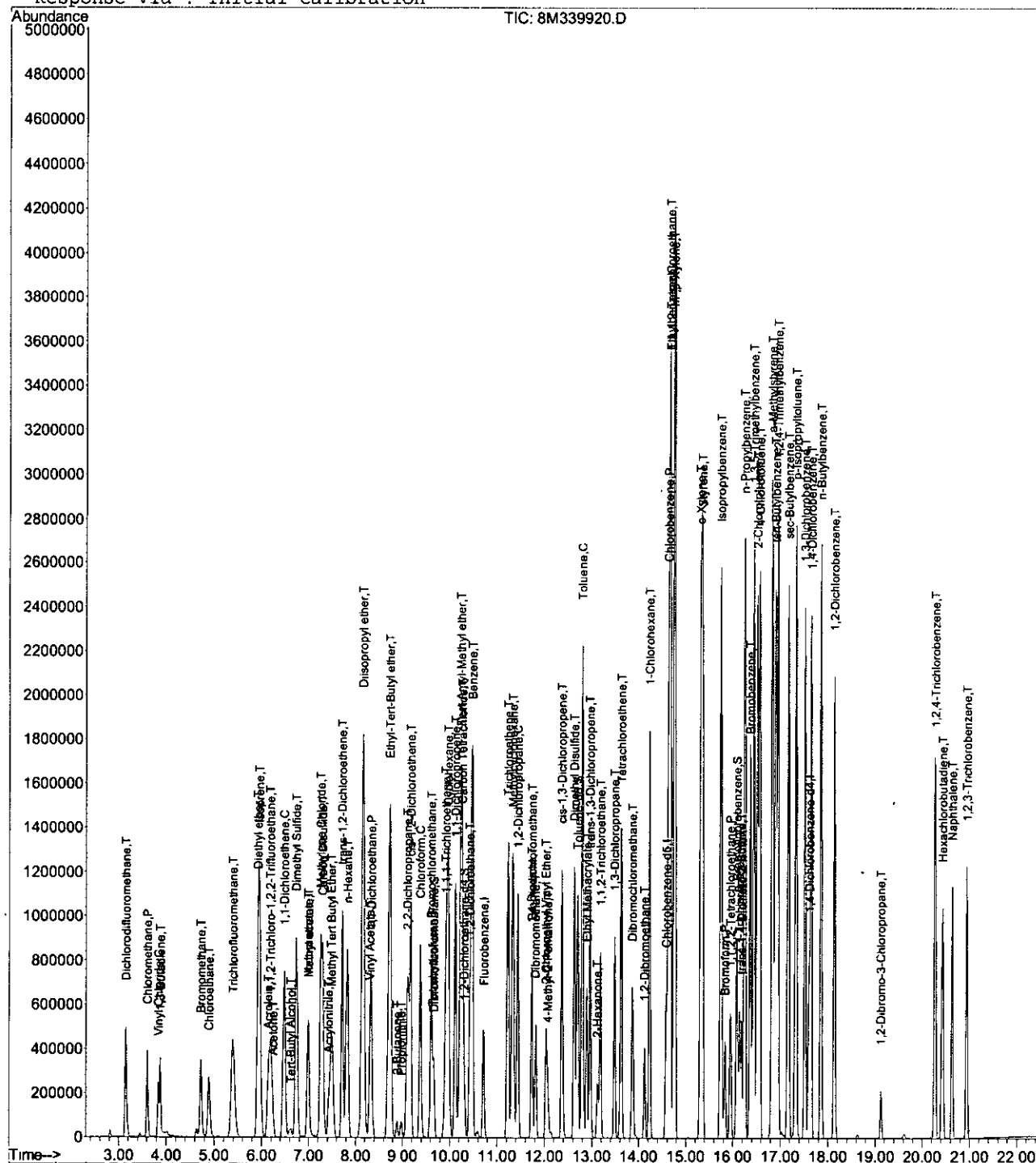
Page 2

Data File : C:\MSDCHEM\1\DATA\092507\8M339920.D
Acq On : 25 Sep 2007 20:36
Sample : WG251019-09 100ug/L STD 8260
Misc : 1,1 STD22050
MS Integration Params: RTEINT.P
Quant Time: Sep 26 9:56 2007

Vial: 29
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



8M339920.D 8260WT.M Wed Sep 26 09:56:45 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\092507\8M339921.D

Vial: 30

Acq On : 25 Sep 2007 21:05

Operator: CMS

Sample : WG251019-10 200ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:56:51 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	669908	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	543225	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	290445	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	581615	103.6146	ug/L	0.00
Spiked Amount 25.000	Range 86	- 118	Recovery	=	414.44%#	
42) 1,2-Dichloroethane-d4	10.31	65	502453	95.2624	ug/L	0.00
Spiked Amount 25.000	Range 80	- 120	Recovery	=	381.04%#	
56) Toluene-d8	12.70	98	2025361	98.7769	ug/L	0.00
Spiked Amount 25.000	Range 88	- 110	Recovery	=	395.12%#	
77) p-Bromofluorobenzene	16.09	95	896464	98.0844	ug/L	0.00
Spiked Amount 25.000	Range 86	- 115	Recovery	=	392.32%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	1381518	195.3679	ug/L	95
3) Chloromethane	3.61	50	1111821	200.5250	ug/L	99
4) Vinyl Chloride	3.82	62	525324	200.0881	ug/L	99
5) 1,3-Butadiene	3.88	54	390122	182.4632	ug/L	89
6) Bromomethane	4.70	94	833996	214.4220	ug/L	99
7) Chloroethane	4.88	64	930955	197.5083	ug/L	99
8) Trichlorofluoromethane	5.39	101	2056443	214.6160	ug/L	98
9) Diethyl ether	5.92	59	958696	263.5402	ug/L	99
10) Isoprene	5.94	67	1514884	191.4998	ug/L	89
11) Acrolein	6.14	56	166381	423.9617	ug/L	96
12) 1,1,2-Trichloro-1,2,2-Trif	6.17	101	1067515	204.4912	ug/L	97
13) Acetone	6.25	43	195615	205.3715	ug/L	98
14) 1,1-Dichloroethene	6.47	61	1892764	207.7318	ug/L	97
16) Dimethyl Sulfide	6.74	62	1542860	196.5754	ug/L	97
17) Iodomethane	6.99	142	1666779	199.0751	ug/L	88
18) Methyl acetate	7.01	43	659828	197.2766	ug/L	97
19) Methylene Chloride	7.26	84	1034868	200.0021	ug/L	83
20) Carbon Disulfide	7.30	76	3217942	188.2657	ug/L	98
21) Acrylonitrile	7.42	53	285500	214.5351	ug/L	96
22) Methyl Tert Butyl Ether	7.50	73	2022871	185.7912	ug/L	93
23) trans-1,2-Dichloroethene	7.71	61	1737988	188.6779	ug/L	94
24) n-Hexane	7.82	57	1569275	200.0723	ug/L	98
25) Diisopropyl ether	8.16	45	5437127	282.1315	ug/L	94
26) Vinyl Acetate	8.30	43	1004478	196.7526	ug/L	99
27) 1,1-Dichloroethane	8.33	63	2160769	188.7698	ug/L	99
28) Ethyl-Tert-Butyl ether	8.73	59	4360016	279.1596	ug/L	96
29) 2-Butanone	8.89	43	301271	206.9552	ug/L	98
30) Propionitrile	8.98	54	145658	333.1178	ug/L #	72
31) 2,2-Dichloropropane	9.11	77	1700672	194.3690	ug/L	98
32) cis-1,2-Dichloroethene	9.17	96	1177709	180.0444	ug/L	91
33) Chloroform	9.39	83	1841743	177.7306	ug/L	99
34) Bromochloromethane	9.60	130	672988	187.7740	ug/L	96
35) Tetrahydrofuran	9.65	42	249789	282.5094	ug/L	94
37) 1,1,1-Trichloroethane	9.91	97	1681693	189.5495	ug/L	93
38) Cyclohexane	9.97	56	2049254	191.4008	ug/L	95
39) 1,1-Dichloropropene	10.12	75	1498034	191.1057	ug/L	98
40) Tert-Amyl-Methyl ether	10.24	73	2806261	261.7008	ug/L #	75
41) Carbon Tetrachloride	10.27	117	1477002	195.1465	ug/L	99
43) 1,2-Dichloroethane	10.42	62	1277697	180.6528	ug/L	97
44) Benzene	10.47	78	3989505	161.7998	ug/L	96

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

8M339921.D 8260WT.M Wed Sep 26 09:57:10 2007

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Data File : C:\MSDCHEM\1\DATA\092507\8M339921.D

Vial: 30

Acq On : 25 Sep 2007 21:05

Operator: CMS

Sample : WG251019-10 200ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:56:51 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
45) Trichloroethene	11.23	130	1186177	180.9016	ug/L	96
46) Methylcyclohexane	11.33	83	1646598	197.3603	ug/L	87
47) 1,2-Dichloropropane	11.43	63	1142370	186.3857	ug/L	92
48) Bromodichloromethane	11.73	83	1354094	195.1359	ug/L	98
49) 1,4-Dioxane	11.72	88	16544	641.1660	ug/L	82
50) Dibromomethane	11.81	93	501637	185.7091	ug/L	92
51) 2-Chloroethyl Vinyl Ether	12.03	63	530581	205.8256	ug/L	100
52) 4-Methyl-2-Pentanone	12.08	58	250456	206.4230	ug/L	99
53) cis-1,3-Dichloropropene	12.37	75	1631763	185.6475	ug/L	99
54) Dimethyl Disulfide	12.63	94	1923426	200.9683	ug/L	93
57) Toluene	12.80	91	4146136	156.9003	ug/L	95
58) Ethyl Methacrylate	12.89	69	915268	195.6240	ug/L	94
59) trans-1,3-Dichloropropene	12.96	75	1390156	186.5227	ug/L	99
60) 1,1,2-Trichloroethane	13.18	97	723579	179.3383	ug/L	97
61) 2-Hexanone	13.13	58	239538	206.0983	ug/L #	71
62) 1,3-Dichloropropane	13.48	76	1269632	179.5324	ug/L	94
63) Tetrachloroethene	13.63	164	919177	175.3036	ug/L	95
64) Dibromochloromethane	13.87	129	1010473	206.8141	ug/L	100
65) 1,2-Dibromoethane	14.12	107	755515	189.3464	ug/L	99
66) 1-Chlorohexane	14.23	91	1529517	180.5336	ug/L	94
67) Chlorobenzene	14.63	112	2676342	139.5829	ug/L	93
68) 1,1,1,2-Tetrachloroethane	14.67	131	870249	151.0203	ug/L	98
69) Ethylbenzene	14.67	106	1326698	140.7138	ug/L	88
71) o-Xylene	15.32	106	1861731	153.8335	ug/L	90
72) Styrene	15.35	104	2998430	153.0234	ug/L	99
73) Bromoform	15.84	173	561500	205.8935	ug/L	99
74) Isopropylbenzene	15.75	105	4523384	160.1345	ug/L	94
76) 1,1,2,2-Tetrachloroethane	15.95	83	774465	192.8243	ug/L	98
78) 1,2,3-Trichloropropane	16.14	110	246640	197.0220	ug/L #	20
79) trans-1,4-Dichloro-2-Butene	16.18	53	311283	223.6718	ug/L	78
80) n-Propylbenzene	16.25	91	5497589	158.8528	ug/L	92
81) Bromobenzene	16.38	156	1294067	164.3248	ug/L	97
82) 1,3,5-Trimethylbenzene	16.44	105	3990452	161.4436	ug/L	93
83) 2-Chlorotoluene	16.52	91	3610177	152.4097	ug/L	94
84) 4-Chlorotoluene	16.57	91	3486351	158.3953	ug/L	92
85) a-Methylstyrene	16.84	118	2483745	169.2139	ug/L	100
86) tert-Butylbenzene	16.90	134	972443	172.8464	ug/L	84
87) 1,2,4-Trimethylbenzene	16.96	105	4006904	156.1295	ug/L	79
88) sec-Butylbenzene	17.17	105	4928158	167.8335	ug/L	92
89) p-Isopropyltoluene	17.33	119	4385600	166.5847	ug/L	95
90) 1,3-Dichlorobenzene	17.52	146	2507104	157.9444	ug/L	96
91) 1,4-Dichlorobenzene	17.65	146	2455229	154.9843	ug/L	96
92) n-Butylbenzene	17.86	91	3817589	166.7894	ug/L	92
93) 1,2-Dichlorobenzene	18.14	146	2223287	159.0888	ug/L	97
94) 1,2-Dibromo-3-Chloropropane	19.12	75	143416	209.9136	ug/L #	54
95) 1,2,4-Trichlorobenzene	20.27	180	1338233	152.8969	ug/L	98
96) Hexachlorobutadiene	20.43	225	571481	194.4876	ug/L	91
97) Naphthalene	20.64	128	2211870	154.3931	ug/L	99
98) 1,2,3-Trichlorobenzene	20.95	180	918202	143.9667	ug/L	99

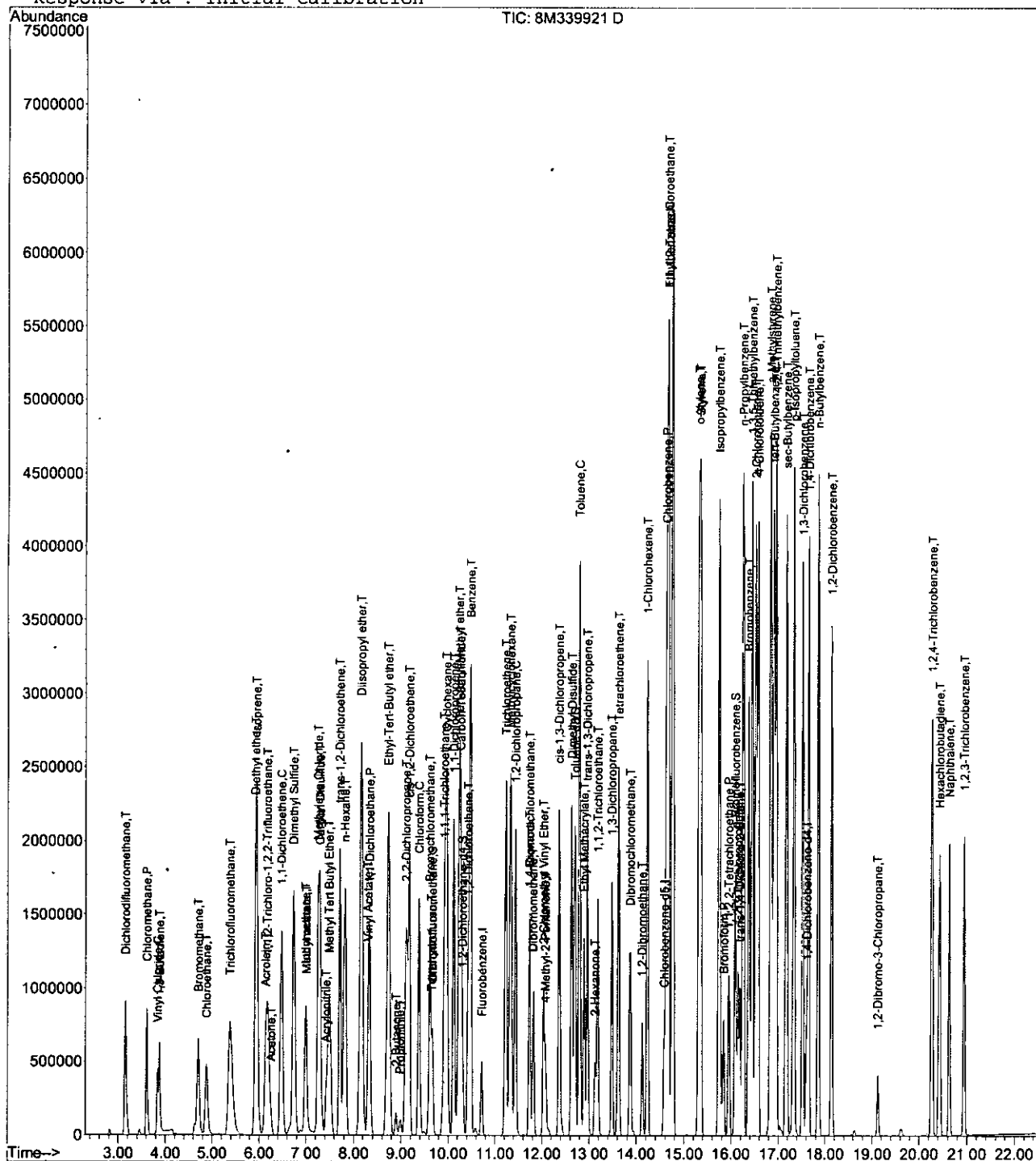
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8M339921.D 8260WT.M Wed Sep 26 09:57:11 2007

Data File : C:\MSDCHEM\1\DATA\092507\8M339921.D
Acq On : 25 Sep 2007 21:05
Sample : WG251019-10 200ug/L STD 8260
Misc : 1,1 STD22050
MS Integration Params: RTEINT.P
Quant Time: Sep 26 9:57 2007

Vial: 30
Operator: CMS
Inst : HPMS7
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



8M339921.D 8260WT.M Wed Sep 26 09:57:15 2007

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Data File : C:\MSDCHEM\1\DATA\092507\8M339922.D
 Acq On : 25 Sep 2007 21:35
 Sample : WG251019-11 300ug/L STD 8260
 Misc : 1,1 STD22050
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 09:57:20 2007

Vial: 31
 Operator: CMS
 Inst : HPMS8
 Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
 Last Update : Wed Sep 26 06:31:52 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.71	96	697261	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.58	117	555608	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.60	152	305314	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	0.00	111	0	0.0000	ug/L	
Spiked Amount 25.000	Range 86	- 118	Recovery	=	0.00%#	
42) 1,2-Dichloroethane-d4	0.00	65	0d	0.0000	ug/L	
Spiked Amount 25.000	Range 80	- 120	Recovery	=	0.00%#	
56) Toluene-d8	12.69	98	1219	0.0581	ug/L	0.00
Spiked Amount 25.000	Range 88	- 110	Recovery	=	0.24%#	
77) p-Bromofluorobenzene	16.09	95	790	0.0822	ug/L	0.00
Spiked Amount 25.000	Range 86	- 115	Recovery	=	0.32%#	

Target Compounds

						Qvalue
9) Diethyl ether	5.93	59	1362597	359.8762	ug/L	99
13) Acetone	6.24	43	269233	271.5726	ug/L	99
21) Acrylonitrile	7.43	53	398121	287.4267	ug/L	91
25) Diisopropyl ether	8.15	45	6976486	347.8072	ug/L	95
28) Ethyl-Tert-Butyl ether	8.73	59	5654211	347.8214	ug/L	96
29) 2-Butanone	8.88	43	442098	291.7813	ug/L	98
30) Propionitrile	8.98	54	190851	419.3511	ug/L #	73
35) Tetrahydrofuran	9.64	42	362859	394.2914	ug/L	95
40) Tert-Amyl-Methyl ether	10.23	73	3938764	352.9042	ug/L #	75
49) 1,4-Dioxane	11.72	88	23228	864.8914	ug/L #	66
52) 4-Methyl-2-Pentanone	12.07	58	369493	292.5854	ug/L	98
61) 2-Hexanone	13.12	58	360721	303.4468	ug/L #	74

(#) = qualifier out of range (m) = manual integration
 8M339922.D 8260WT.M Wed Sep 26 09:58:19 2007

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Data File : C:\MSDCHEM\1\DATA\092507\8M339922.D

Vial: 31

Acq On : 25 Sep 2007 21:35

Operator: CMS

Sample : WG251019-11 300ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 9:58 2007

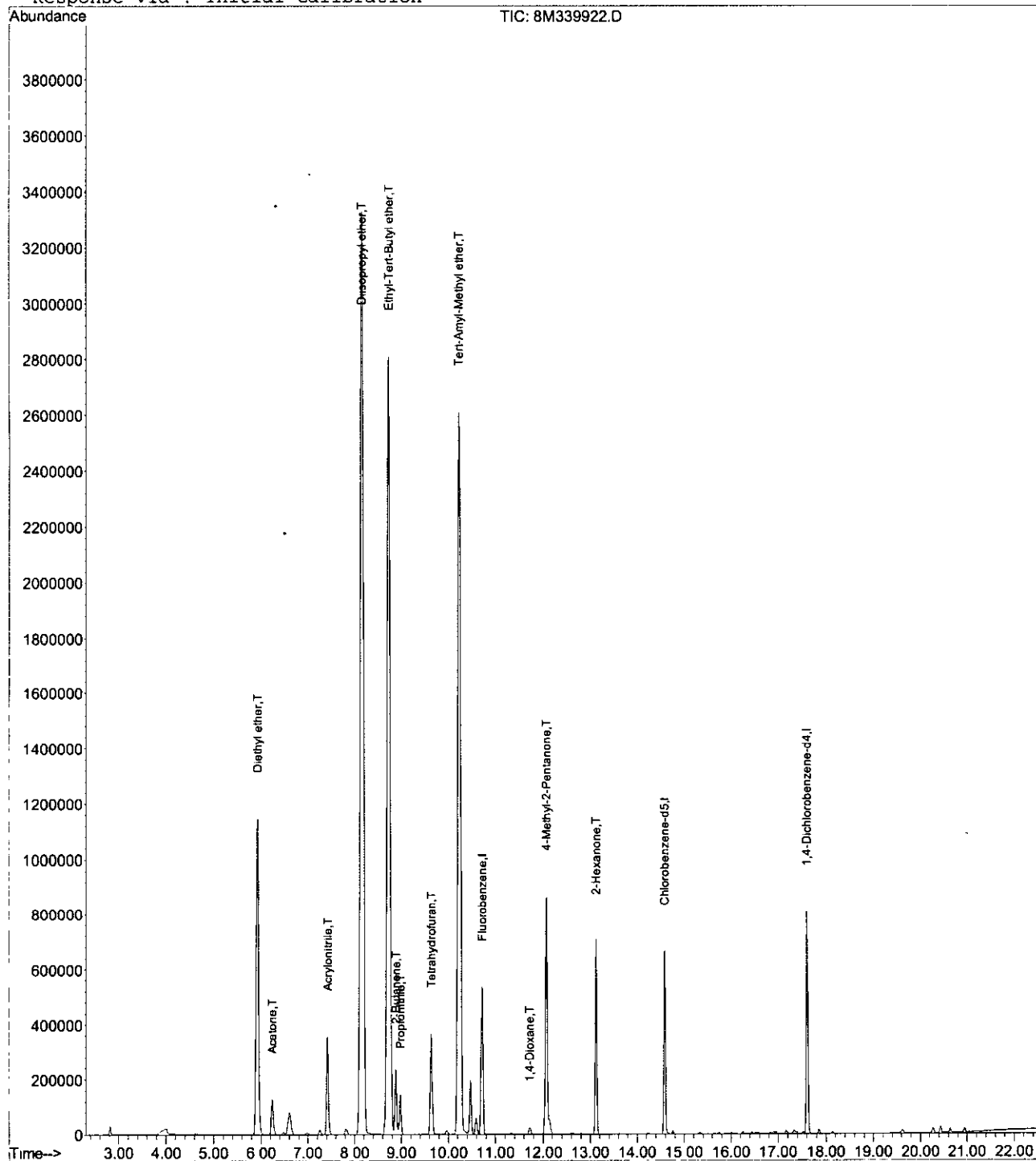
Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

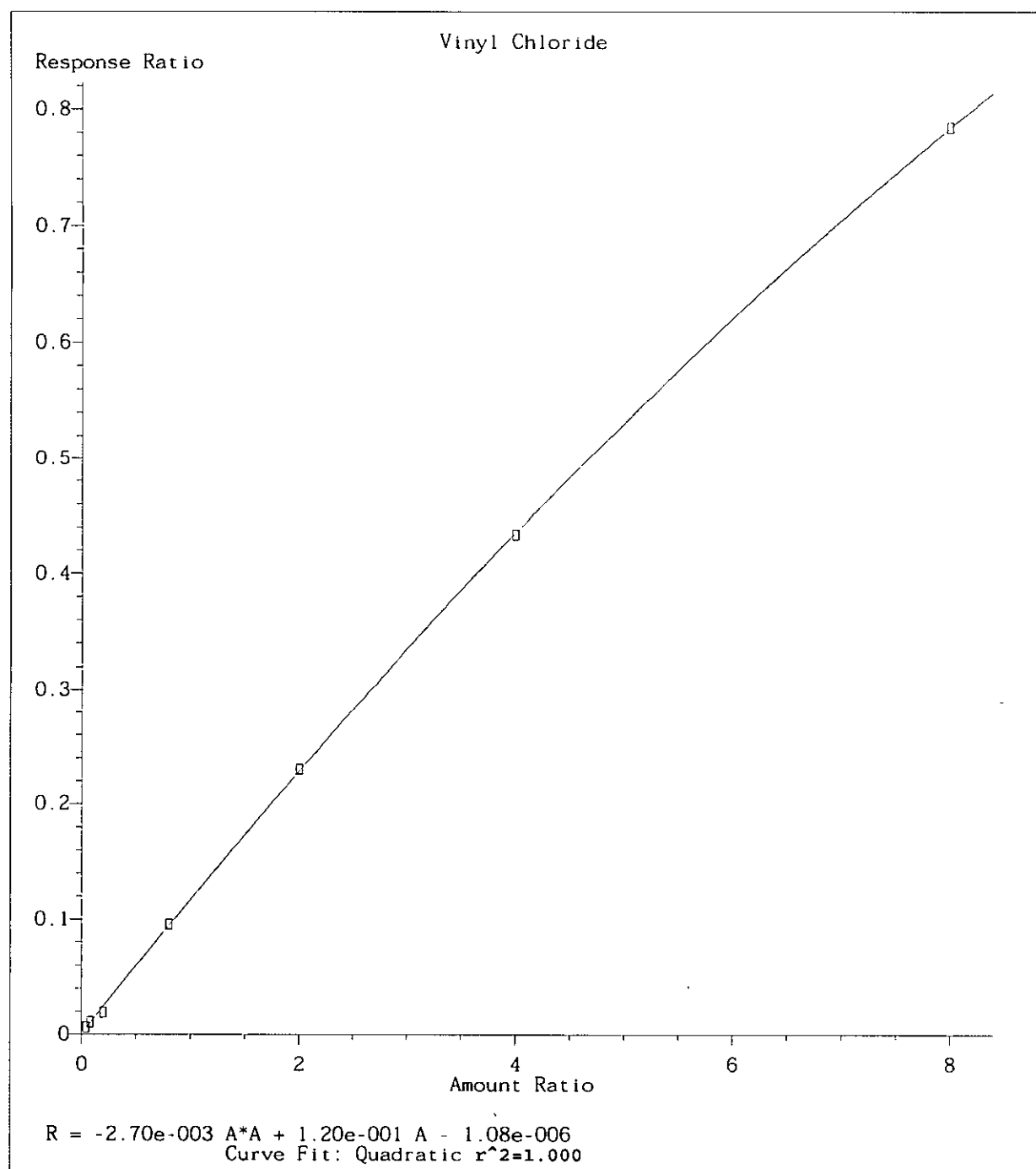
Response via : Initial Calibration



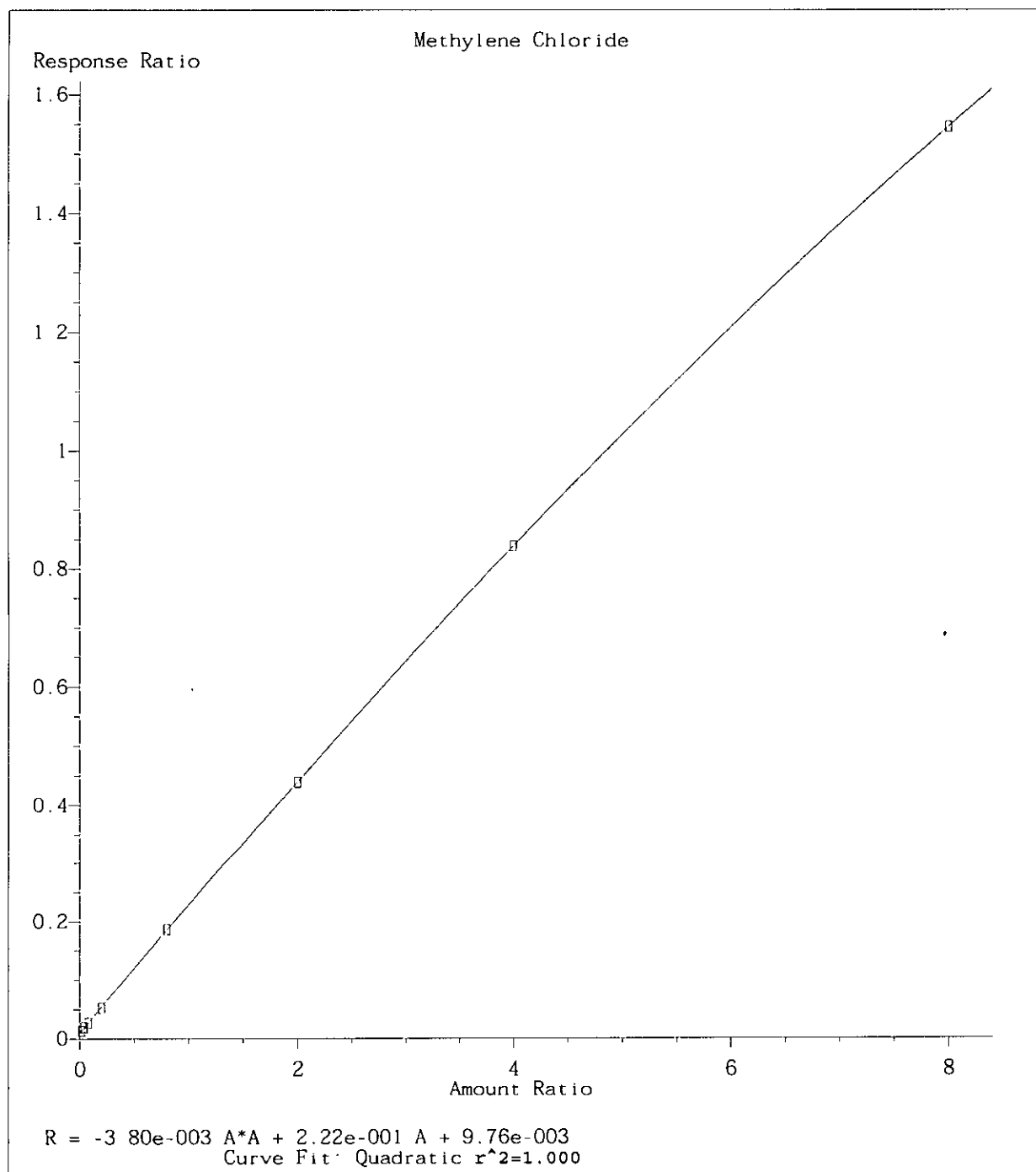
8M339922.D 8260WT.M

Wed Sep 26 09:58:21 2007

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Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Wed Sep 26 06:31:52 2007



Method Name C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Wed Sep 26 06:31:52 2007

Data File : C:\MSDCHEM\1\DATA\092507\8M339925.D
 Acq On : 25 Sep 2007 23:03
 Sample : WG251019-12 20ug/L ALT SRC STD 8260
 Misc : 1,1 STD21934
 MS Integration Params: RTEINT.P
 Quant Time: Sep 26 09:58:29 2007

Vial: 34
 Operator: CMS
 Inst : HPMS8
 Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
 Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
 Last Update : Wed Sep 26 06:31:52 2007
 Response via : Initial Calibration
 DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.71	96	701273	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.58	117	548897	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.60	152	296692	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	141838	24.1383	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	96.56%		
42) 1,2-Dichloroethane-d4	10.30	65	123526	22.3724	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	89.48%		
56) Toluene-d8	12.70	98	540809	26.1027	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	104.40%		
77) p-Bromofluorobenzene	16.08	95	226092	24.2164	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	96.88%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.15	85	198812	26.8576	ug/L	97
3) Chloromethane	3.61	50	126260	21.7534	ug/L	98
4) Vinyl Chloride	3.84	62	72893	22.1725	ug/L	99
5) 1,3-Butadiene	3.88	54	38647	17.2671	ug/L	80
6) Bromomethane	4.73	94	101466	24.9203	ug/L	99
7) Chloroethane	4.89	64	115856	23.4803	ug/L	99
8) Trichlorofluoromethane	5.40	101	194699	19.4105	ug/L	100
9) Diethyl ether	5.92	59	454653	119.3917	ug/L	99
10) Isoprene	5.97	67	181142	21.8744	ug/L	93
11) Acrolein	6.13	56	42972	104.6012	ug/L	100
12) 1,1,2-Trichloro-1,2,2-Trif	6.19	101	126816	23.2061	ug/L	97
13) Acetone	6.24	43	21740	21.8035	ug/L	97
14) 1,1-Dichloroethene	6.49	61	223870	23.4709	ug/L	98
15) Tert-Butyl Alcohol	6.60	59	46987	201.5523	ug/L	94
16) Dimethyl Sulfide	6.74	62	154653	18.8230	ug/L	97
17) Iodomethane	6.99	142	119603	13.6461	ug/L	86
18) Methyl acetate	7.00	43	63441	18.1194	ug/L	94
19) Methylene Chloride	7.26	84	139080	21.5255	ug/L	91
20) Carbon Disulfide	7.30	76	362313	20.2491	ug/L	99
21) Acrylonitrile	7.43	53	29594	21.2434	ug/L	99
22) Methyl Tert Butyl Ether	7.49	73	246408	21.6192	ug/L	94
23) trans-1,2-Dichloroethene	7.72	61	213227	22.1128	ug/L	96
24) n-Hexane	7.83	57	168078	20.4704	ug/L	97
25) Diisopropyl ether	8.15	45	2257689	111.9114	ug/L	94
26) Vinyl Acetate	8.29	43	163866	30.6618	ug/L	99
27) 1,1-Dichloroethane	8.33	63	261196	21.7981	ug/L	99
28) Ethyl-Tert-Butyl ether	8.73	59	1791890	109.5983	ug/L	96
29) 2-Butanone	8.88	43	32683	21.4471	ug/L	96
30) Propionitrile	8.98	54	46684	101.9905	ug/L #	71
31) 2,2-Dichloropropane	9.11	77	193550	21.1314	ug/L	99
32) cis-1,2-Dichloroethene	9.17	96	151095	22.0658	ug/L	96
33) Chloroform	9.38	83	232000	21.3870	ug/L	100
34) Bromochloromethane	9.61	130	82270	21.9279	ug/L	98
35) Tetrahydrofuran	9.64	42	93780	101.3206	ug/L	95
37) 1,1,1-Trichloroethane	9.92	97	211566	22.7798	ug/L	96
38) Cyclohexane	9.97	56	244933	21.8536	ug/L	97
39) 1,1-Dichloropropene	10.11	75	184707	22.5094	ug/L	97
40) Tert-Amyl-Methyl ether	10.23	73	1212749	108.0379	ug/L #	74
41) Carbon Tetrachloride	10.27	117	180308	22.7574	ug/L	99
43) 1,2-Dichloroethane	10.42	62	154125	20.8170	ug/L	98

(#) = qualifier out of range (m) = manual integration
 8M339925.D 8260WT.M Wed Sep 26 09:58:35 2007

Data File : C:\MSDCHEM\1\DATA\092507\8M339925.D

Vial: 34

Acq On : 25 Sep 2007 23:03

Operator: CMS

Sample : WG251019-12 20ug/L ALT SRC STD 8260

Inst : HPMS8

Misc : 1,1 STD21934

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 09:58:29 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.47	78	530732	20.5618	ug/L	92
45) Trichloroethene	11.23	130	157574	22.9565	ug/L	96
46) Methylcyclohexane	11.33	83	195855	22.4251	ug/L	90
47) 1,2-Dichloropropane	11.44	63	138658	21.6112	ug/L	91
48) Bromodichloromethane	11.73	83	162780	22.4087	ug/L	99
49) 1,4-Dioxane	11.73	88	4692	173.7065	ug/L	70
50) Dibromomethane	11.81	93	60255	21.3091	ug/L	92
51) 2-Chloroethyl Vinyl Ether	12.03	63	55235	20.4687	ug/L	100
52) 4-Methyl-2-Pentanone	12.06	58	24683	19.4336	ug/L	98
53) cis-1,3-Dichloropropene	12.37	75	193857	21.0689	ug/L	98
54) Dimethyl Disulfide	12.63	94	218803	21.8390	ug/L	93
57) Toluene	12.79	91	590276	22.1067	ug/L	98
58) Ethyl Methacrylate	12.89	69	102934	21.7732	ug/L	97
59) trans-1,3-Dichloropropene	12.97	75	149118	19.8010	ug/L	99
60) 1,1,2-Trichloroethane	13.17	97	87068	21.3567	ug/L	97
61) 2-Hexanone	13.12	58	23269	19.8137	ug/L #	37
62) 1,3-Dichloropropane	13.49	76	152069	21.2811	ug/L	96
63) Tetrachloroethene	13.62	164	123973	23.3996	ug/L	96
64) Dibromochloromethane	13.87	129	110844	22.4521	ug/L	100
65) 1,2-Dibromoethane	14.13	107	87814	21.7804	ug/L	99
66) 1-Chlorohexane	14.23	91	198144	23.1459	ug/L	98
67) Chlorobenzene	14.63	112	406591	20.9864	ug/L	95
68) 1,1,1,2-Tetrachloroethane	14.66	131	135064	23.1964	ug/L	99
69) Ethylbenzene	14.66	106	218793	22.9661	ug/L	95
70) m-,p-Xylene	14.76	106	536807	43.4914	ug/L	93
71) o-Xylene	15.32	106	271202	22.1777	ug/L	94
72) Styrene	15.36	104	443770	22.4136	ug/L	97
73) Bromoform	15.83	173	58374	21.1837	ug/L	98
74) Isopropylbenzene	15.74	105	598863	20.9816	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.95	83	86433	21.0668	ug/L	99
78) 1,2,3-Trichloropropane	16.14	110	27571	21.5606	ug/L #	1
79) trans-1,4-Dichloro-2-Butene	16.18	53	26403	18.5724	ug/L #	1
80) n-Propylbenzene	16.25	91	797329	22.5537	ug/L	95
81) Bromobenzene	16.37	156	175013	21.7558	ug/L	98
82) 1,3,5-Trimethylbenzene	16.44	105	570418	22.5918	ug/L	94
83) 2-Chlorotoluene	16.51	91	564241	23.3188	ug/L	96
84) 4-Chlorotoluene	16.57	91	450499	20.0366	ug/L	94
85) a-Methylstyrene	16.84	118	341766	22.7938	ug/L	96
86) tert-Butylbenzene	16.90	134	132230	23.0083	ug/L	88
87) 1,2,4-Trimethylbenzene	16.95	105	599385	22.8634	ug/L	81
88) sec-Butylbenzene	17.18	105	680902	22.7006	ug/L	95
89) p-Isopropyltoluene	17.33	119	600131	22.3157	ug/L	96
90) 1,3-Dichlorobenzene	17.52	146	345529	21.3096	ug/L	99
91) 1,4-Dichlorobenzene	17.64	146	340091	21.0159	ug/L	98
92) n-Butylbenzene	17.85	91	524586	22.4364	ug/L	95
93) 1,2-Dichlorobenzene	18.14	146	303587	21.2660	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	19.12	75	14172	20.3064	ug/L #	51
95) 1,2,4-Trichlorobenzene	20.27	180	190244	21.2783	ug/L	99
96) Hexachlorobutadiene	20.42	225	70684	23.5488	ug/L	92
97) Naphthalene	20.63	128	306873	20.9693	ug/L	100
98) 1,2,3-Trichlorobenzene	20.94	180	134261	20.6078	ug/L	99

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

8M339925.D 8260WT.M

Wed Sep 26 09:58:36 2007

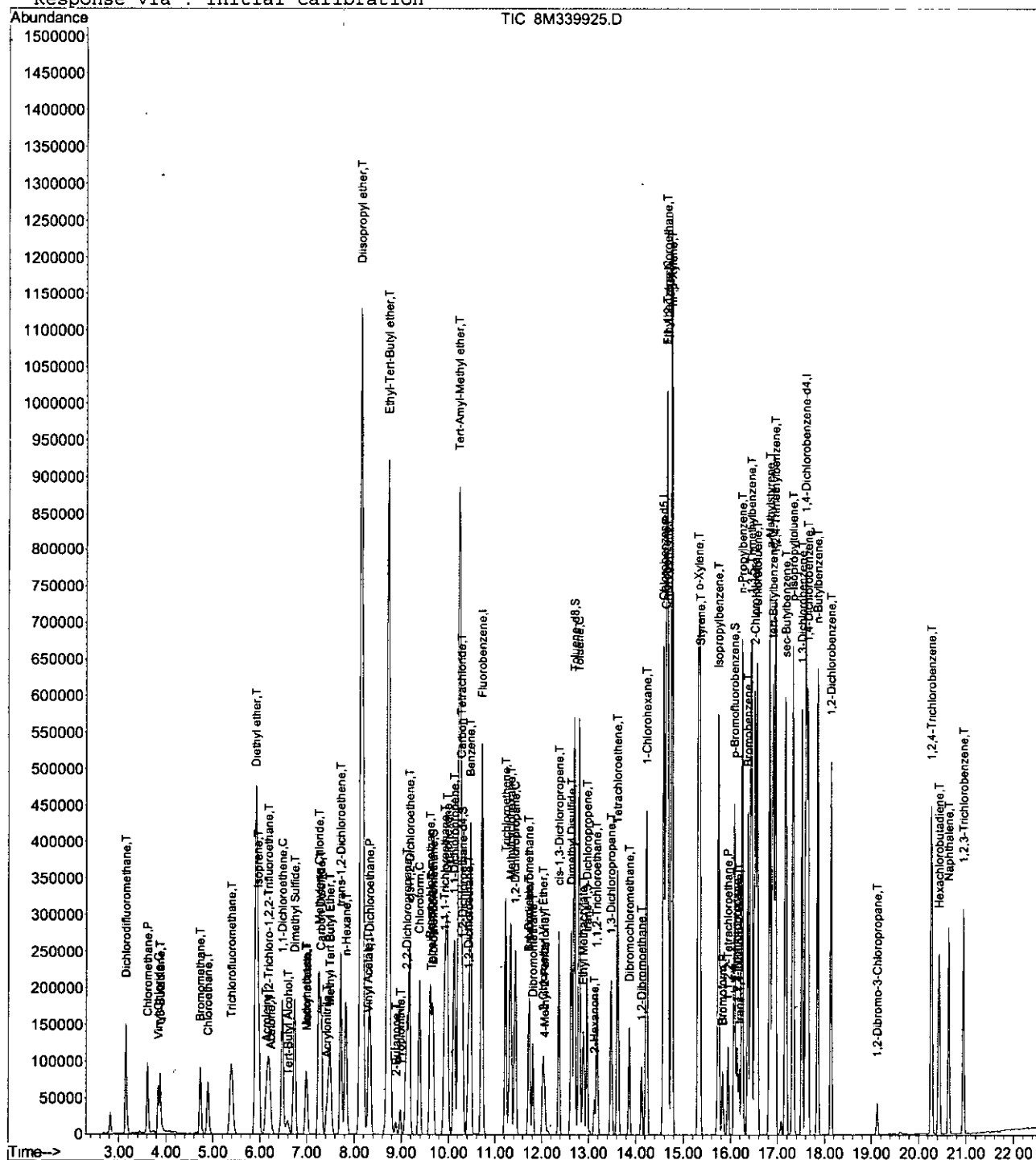
Page 2

Data File : C:\MSDCHEM\1\DATA\092507\8M339925.D
Acq On : 25 Sep 2007 23:03
Sample : WG251019-12 20ug/L ALT SRC STD 8260
Misc : 1,1 STD21934
MS Integration Params: RTEINT.P
Quant Time: Sep 26 9:58 2007

Vial: 34
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



8M339925.D 8260WT.M Wed Sep 26 09:58:40 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	Qvalue 95

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

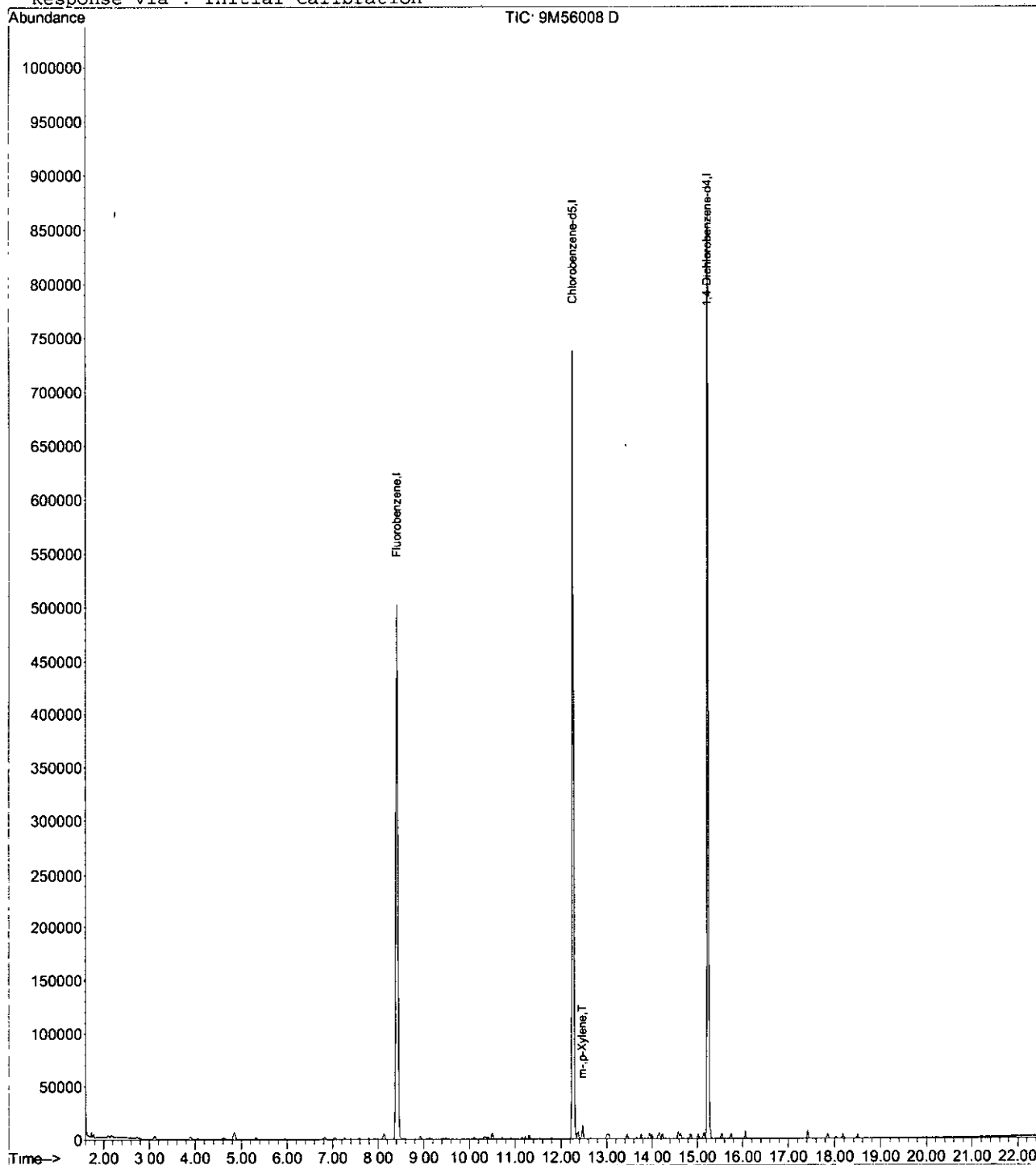
Page 1

Data File : C:\MSDCHEM\1\DATA\081407\9M56008.D
Acq On : 14 Aug 2007 11:42
Sample : WG247666-02 0.5ug/Kg SOIL STD 8260
Misc : 7,1 STD21325
MS Integration Params: RTEINT.P
Quant Time: Aug 14 17:17 2007

Vial: 2
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



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

					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

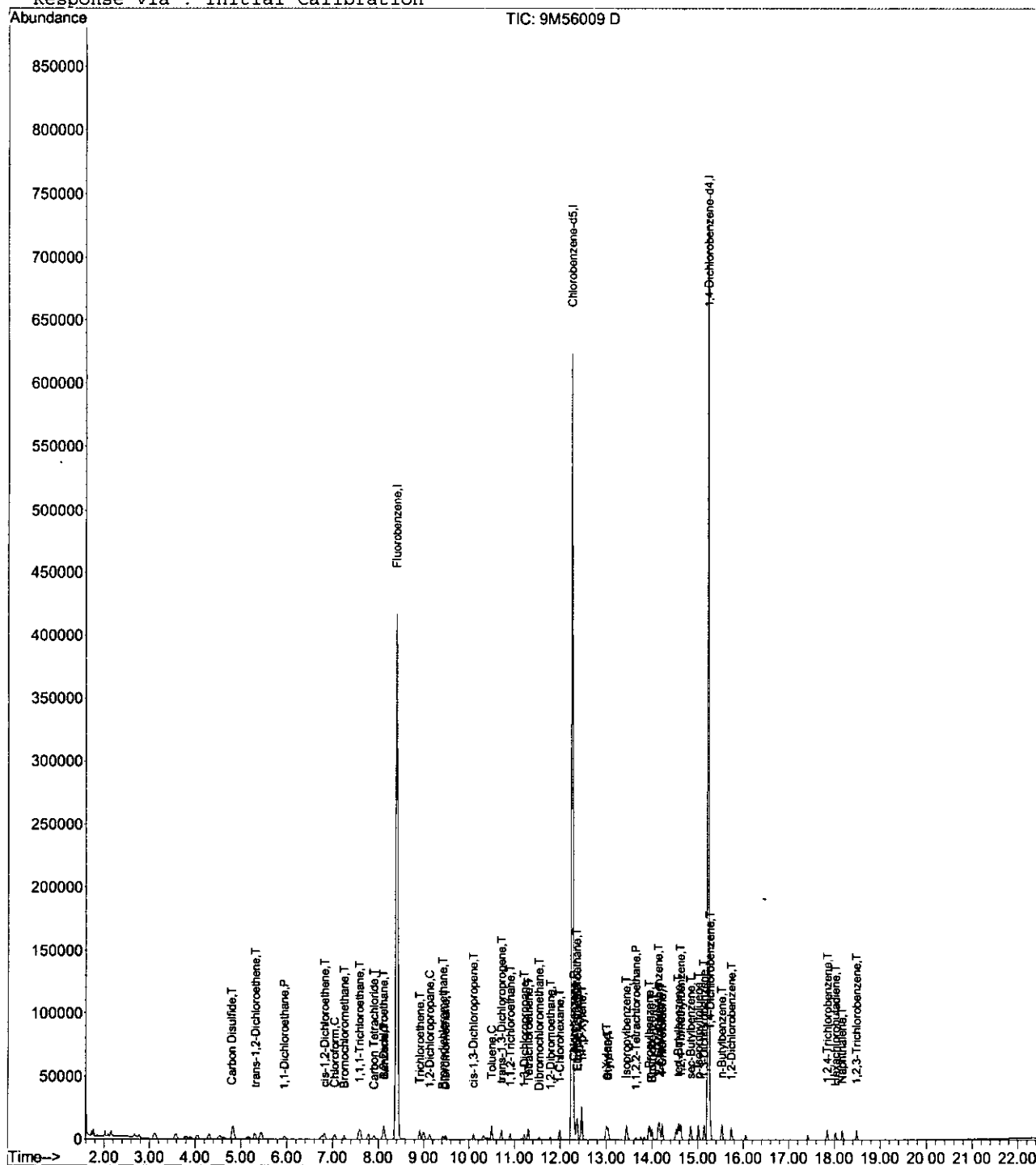
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90) 1,3-Dichlorobenzene	15.14	146	8149	1.1047	ug/kg	92
91) 1,4-Dichlorobenzene	15.27	146	9124	1.1918	ug/kg	89
92) n-Butylbenzene	15.53	91	11932	0.9767	ug/kg	93
93) 1,2-Dichlorobenzene	15.74	146	7214	1.0706	ug/kg	94
95) 1,2,4-Trichlorobenzene	17.84	180	4772	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

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

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



Page 3

Data File : C:\MSDCHEM\1\DATA\081407\9M56010.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 17:22:50 2007

Vial: 4
 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 17:21:42 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

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

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

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\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

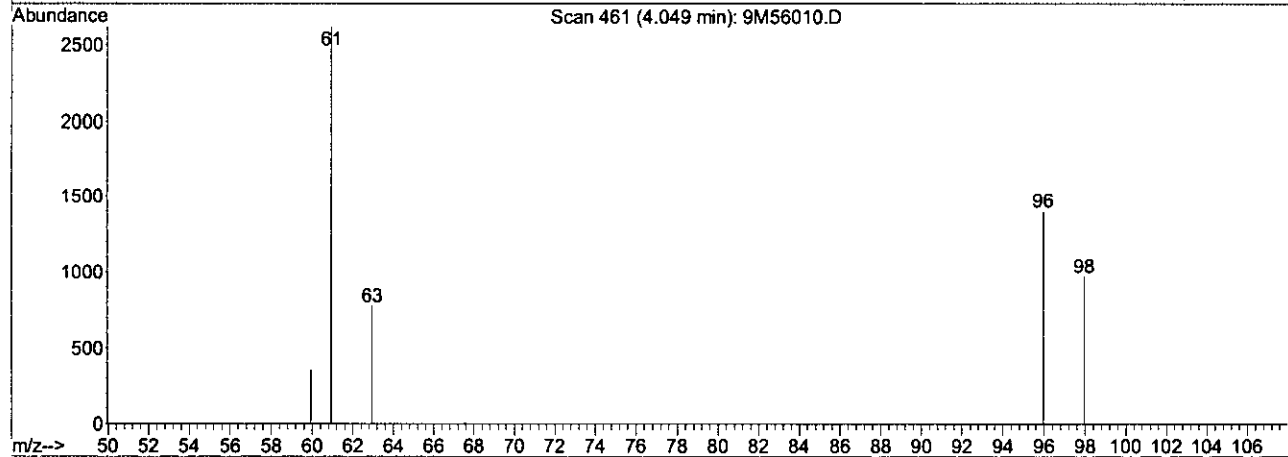
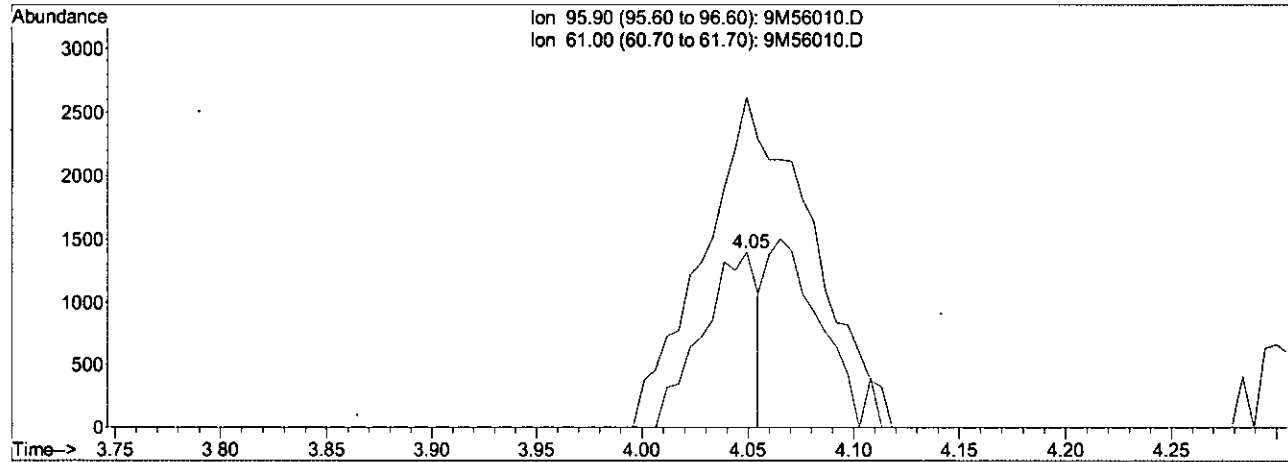
Quant Results File: temp.res

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

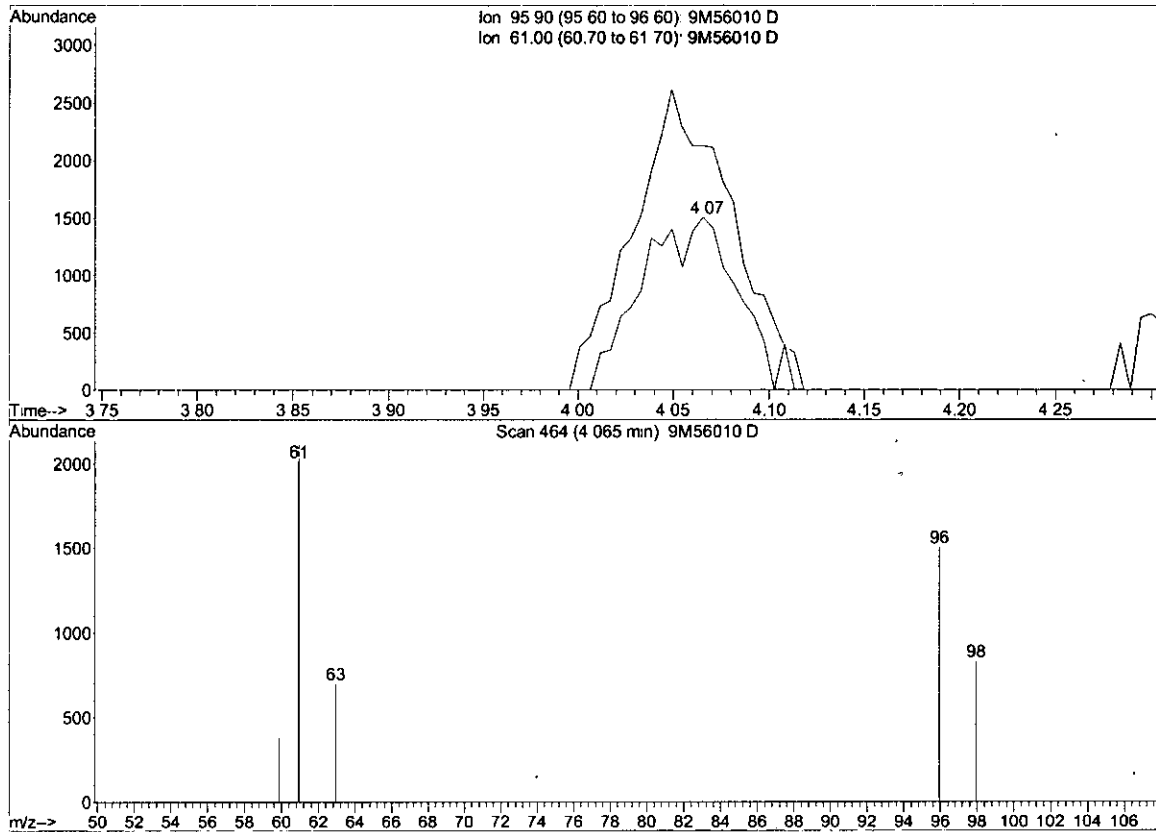
Quant Results File: temp.res

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

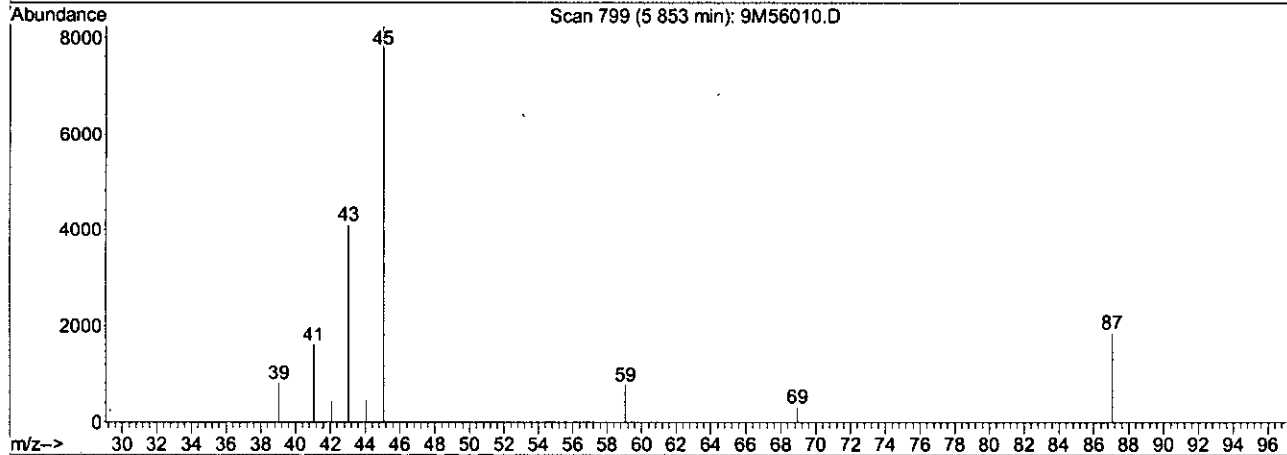
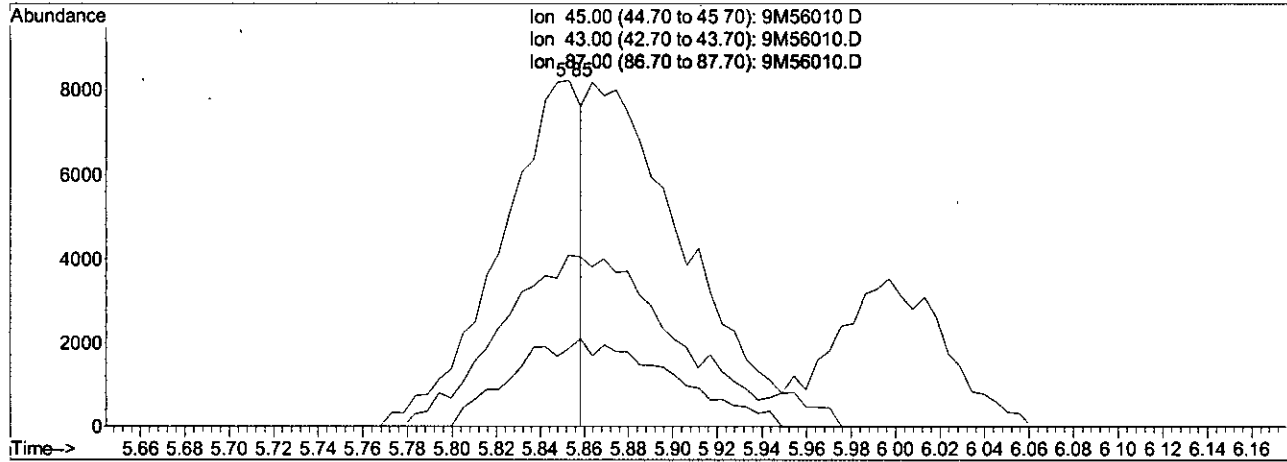
Supervisor: August 15, 2007

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

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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

9511378

Quantitation Report (Qedit)

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

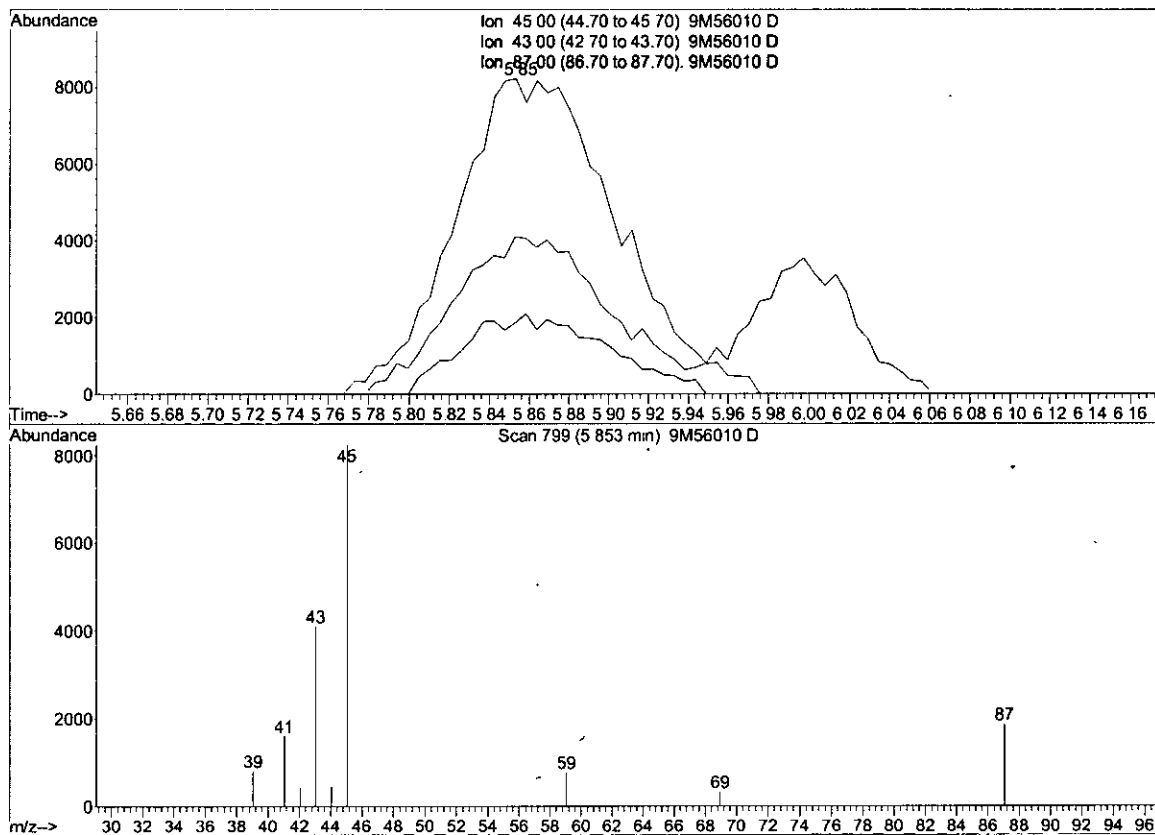
Quant Results File: temp.res

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	
<i>myy gubing</i>	<i>Van C...</i>

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-Buten	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

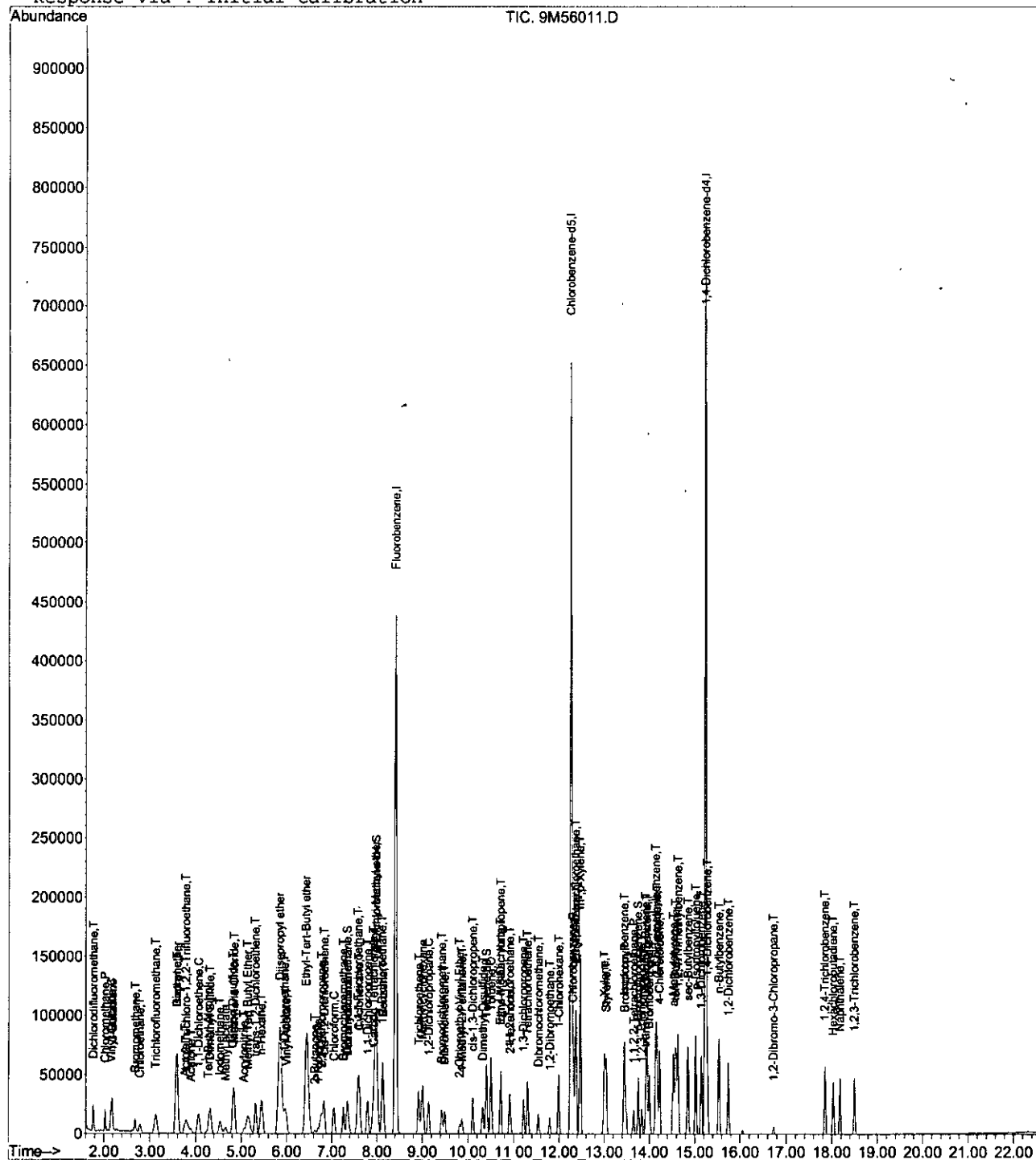
Page 2

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

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

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

	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

Page 1

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

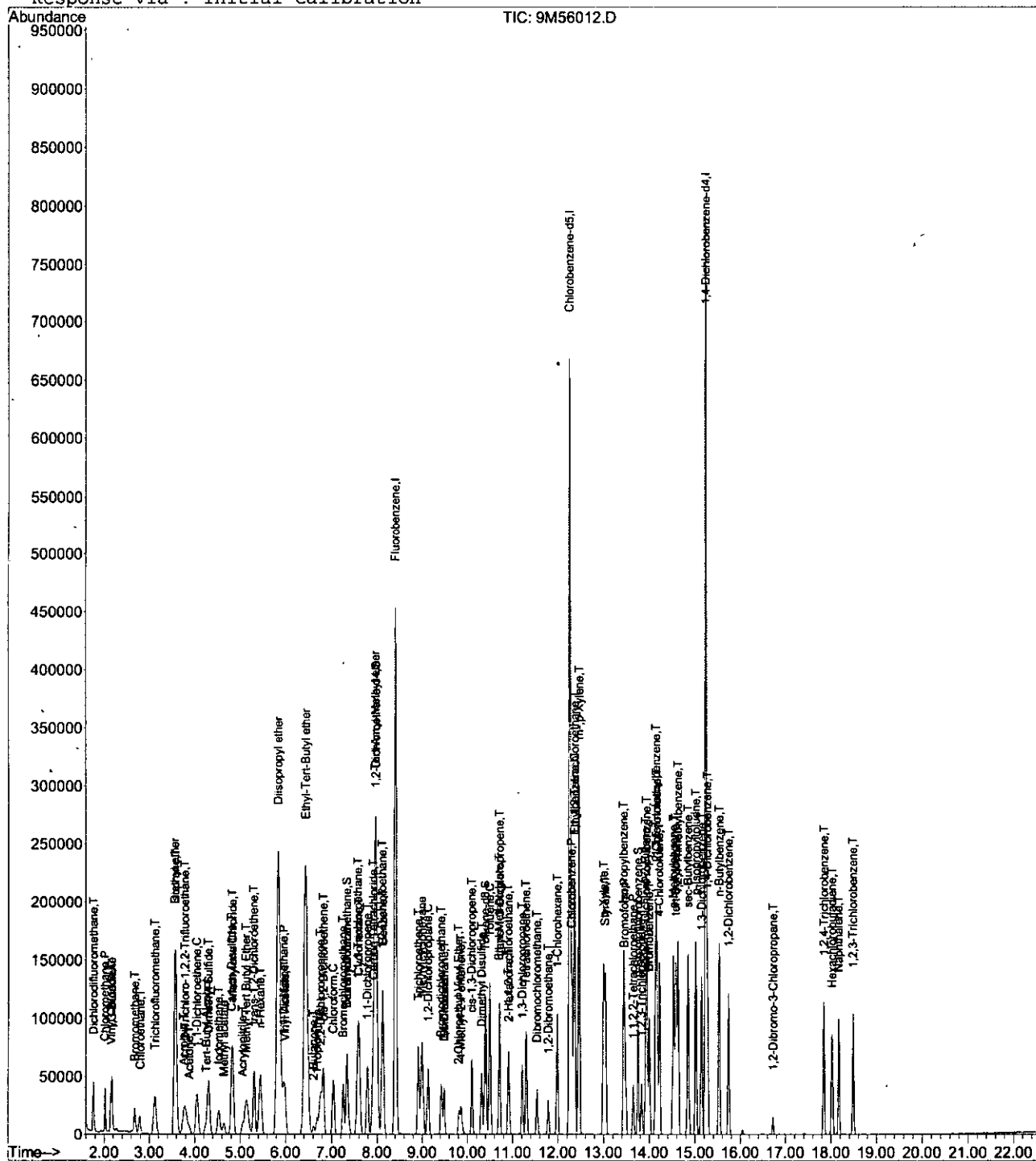
(#) = qualifier out of range (m) = manual integration
9M56012.D 826_SLST.M Wed Aug 15 16:22:49 2007

Page 2

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

Quant Results File: 826 SLST.RES

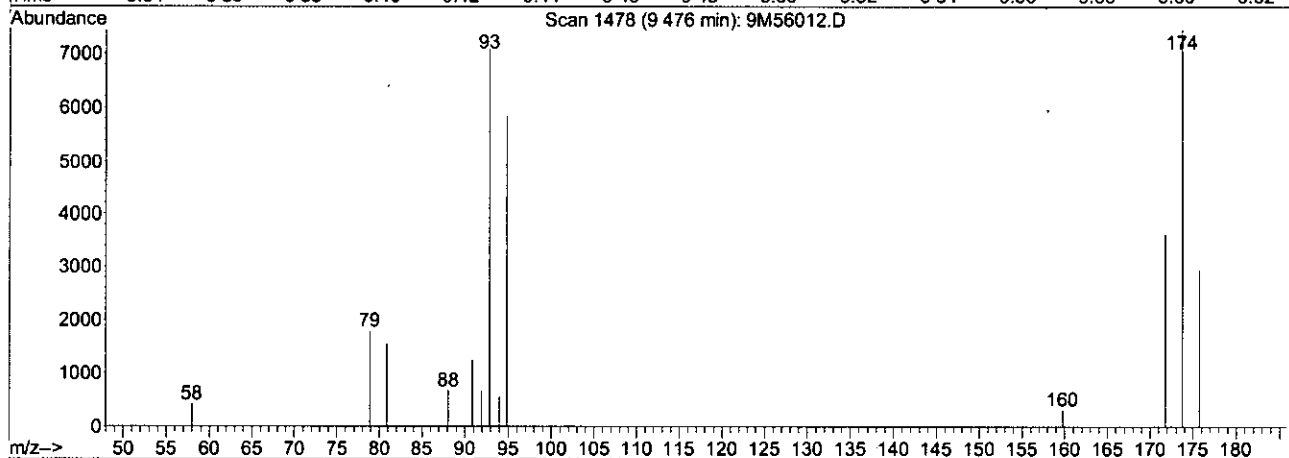
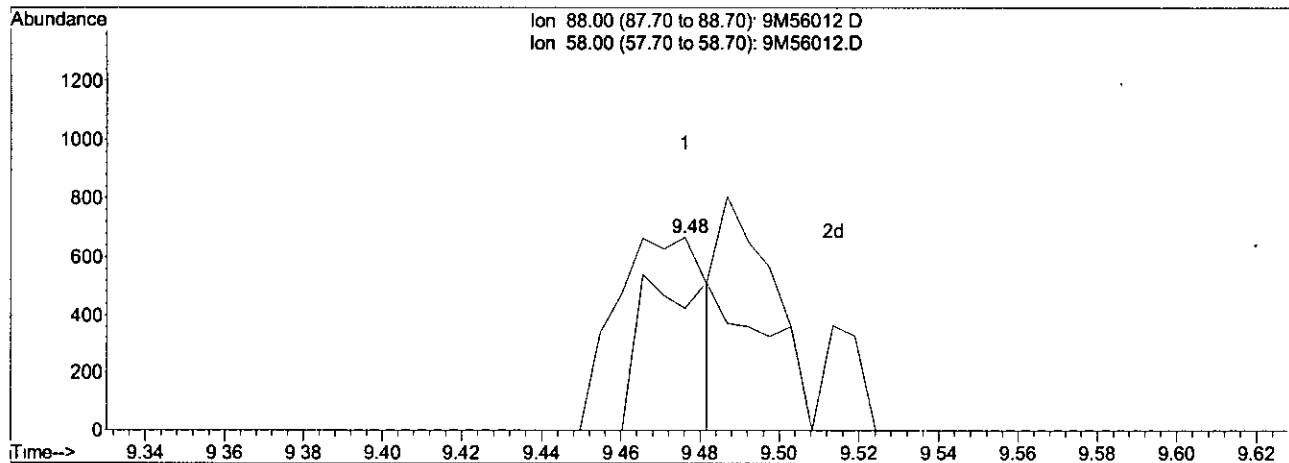
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Method       : C:\MSDCHEM\1\METHODS\826 SLST.M (RTE Integrator)
Title        : Method 8260B Soil Analysis 08/14/07 - HPMS 9
Last Update  : Tue Aug 14 17:25:57 2007
Response via : Initial Calibration
```



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

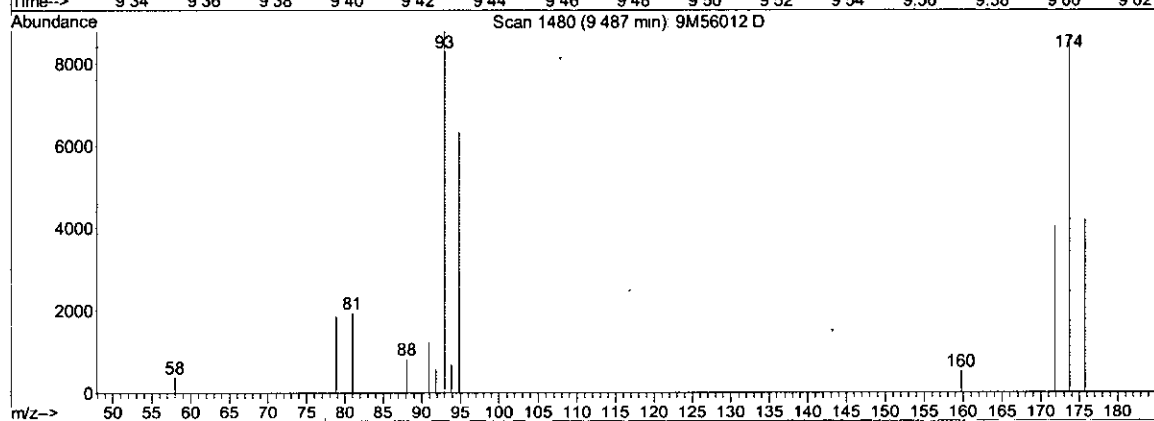
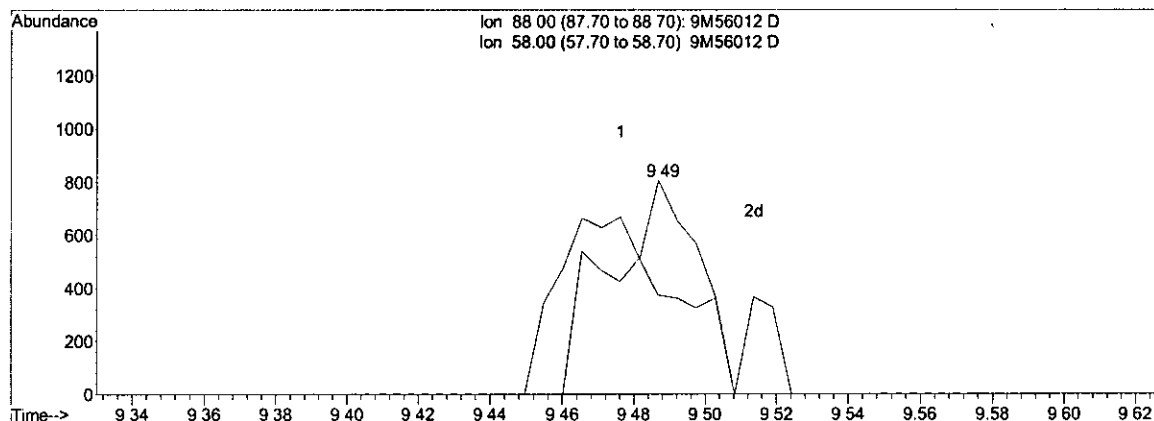
Quant Results File: temp.res

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

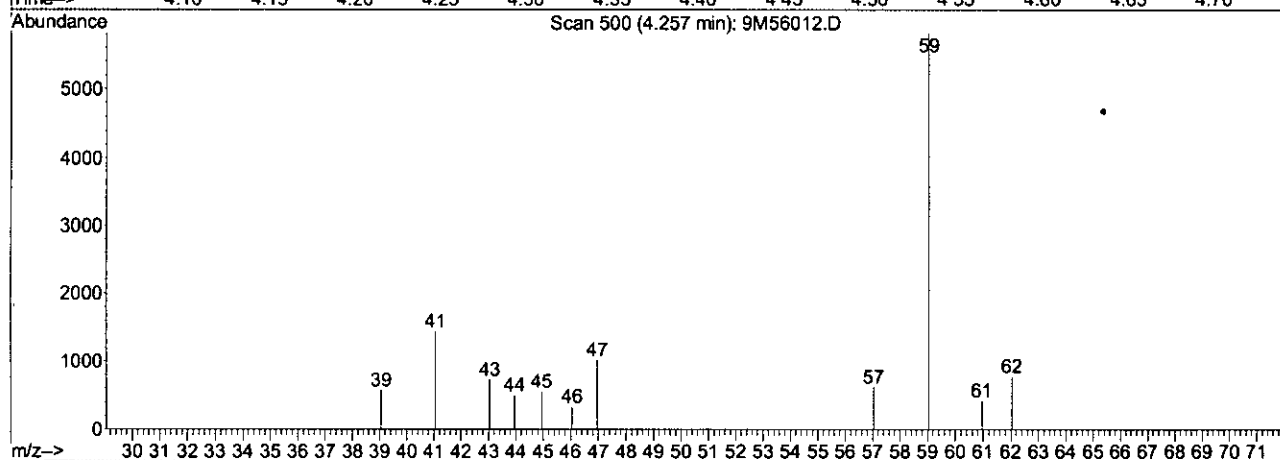
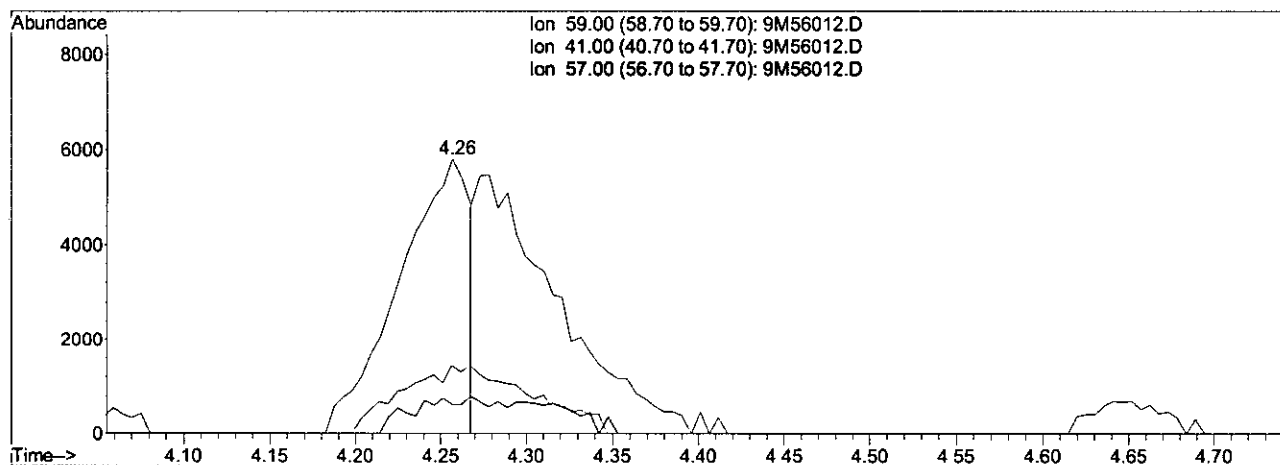
*Mary G. Sullivan**John C. Smith*

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

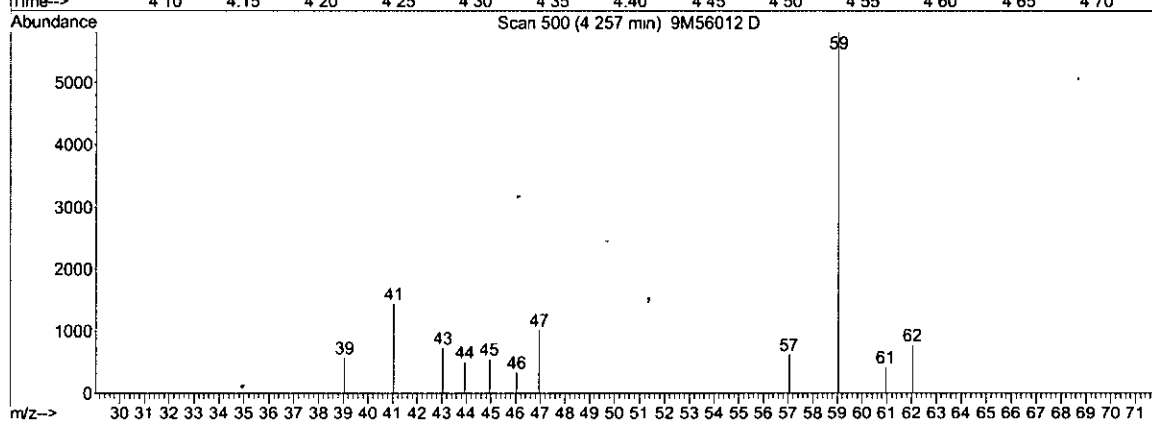
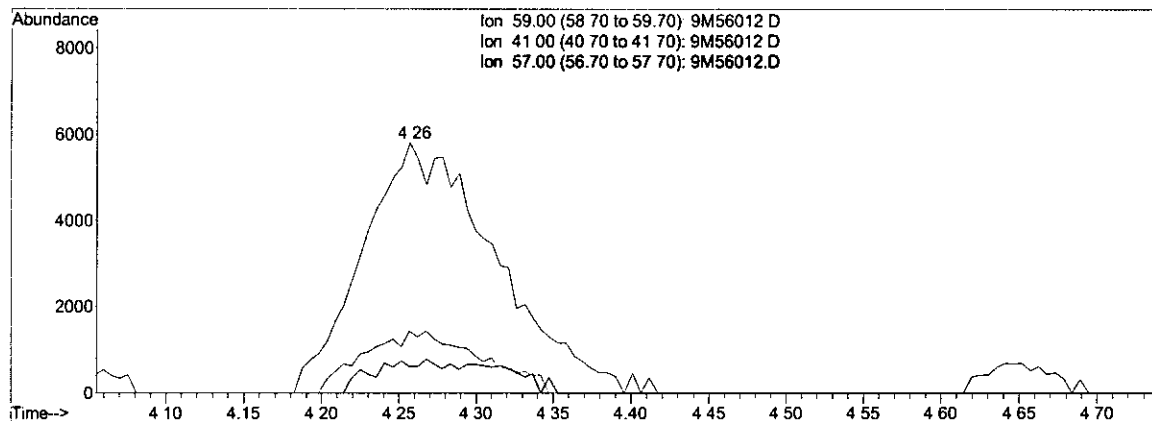
Ion	Exp%	Act%
59.00	100	100
41.00	18.20	45.62#
57.00	15.70	8.39#
0.00	0.00	0.00

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	
<i>my signature</i>	<i>no. [signature]</i>

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

Page 1

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-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

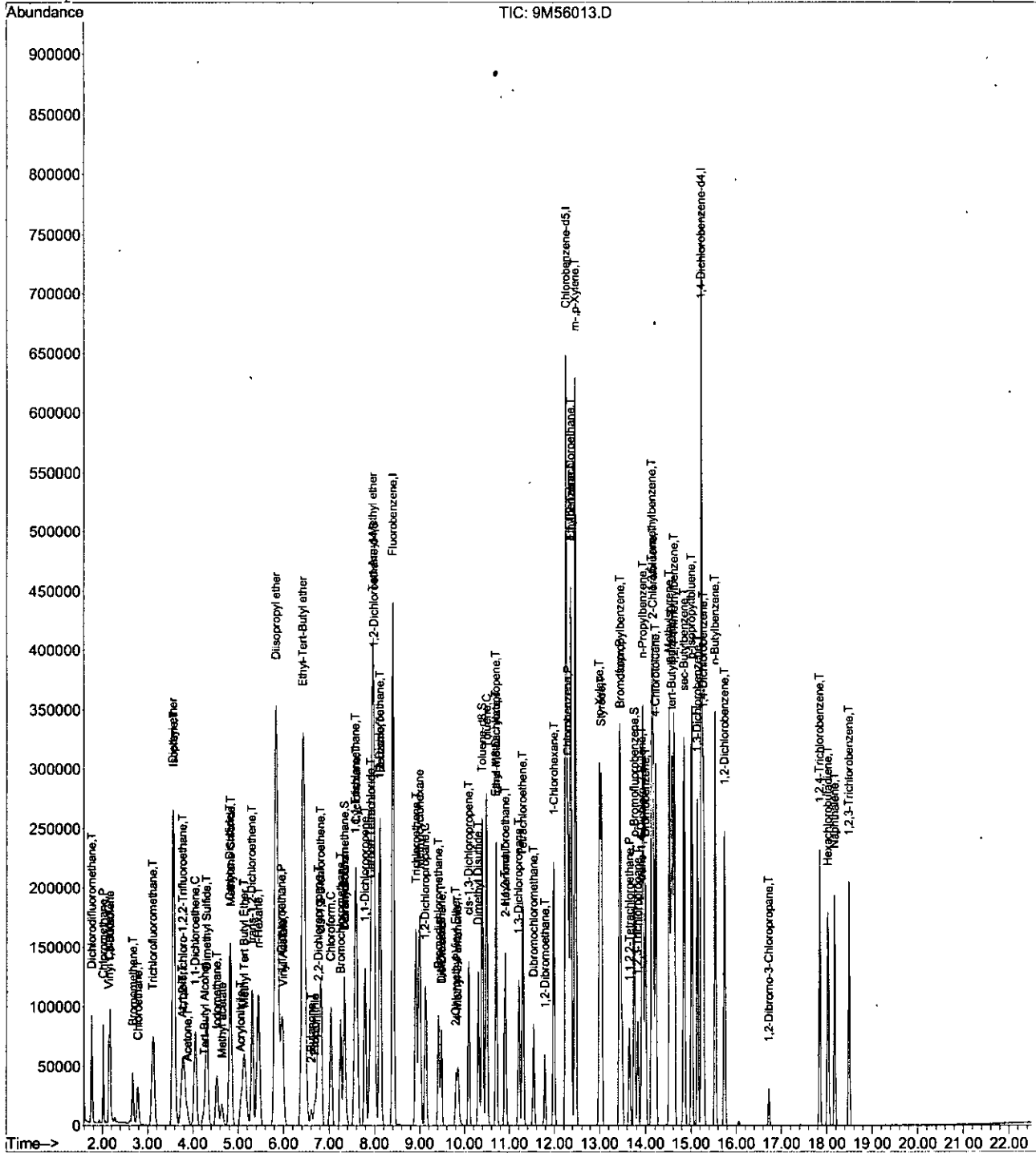
(#) = qualifier out of range (m) = manual integration
 9M56013.D 826_SLST.M Wed Aug 15 16:23:09 2007

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



9M56013.D 826_SLST.M Wed Aug 15 16:23:17 2007

Page 3

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

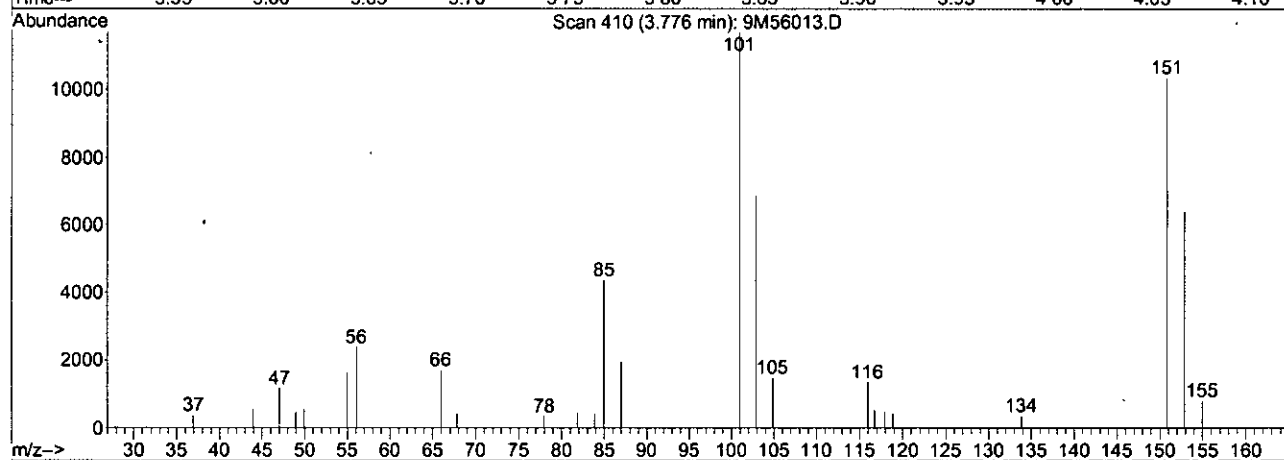
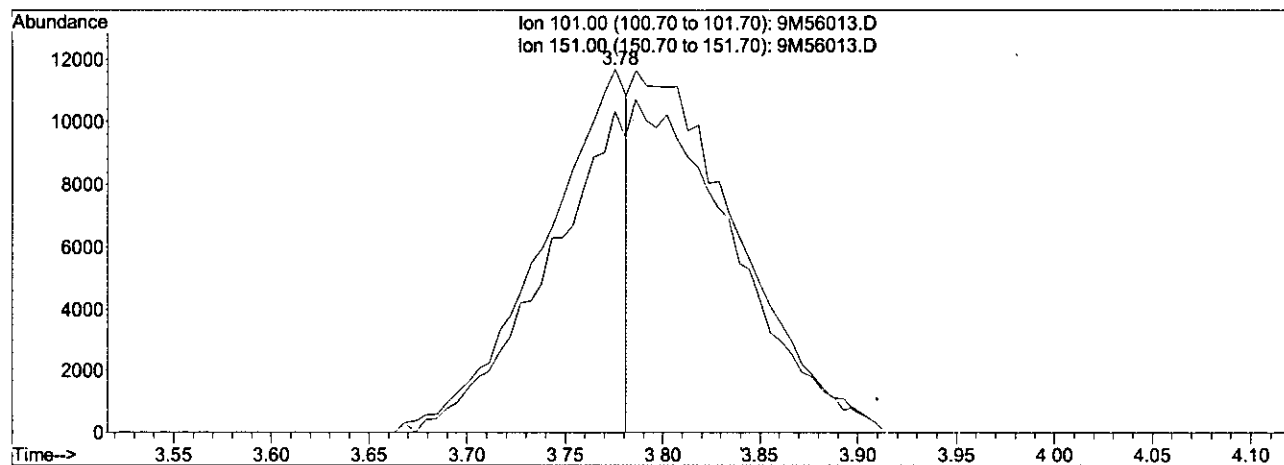
Quant Results File: temp.res

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

9511393

Quantitation Report (Qedit)

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

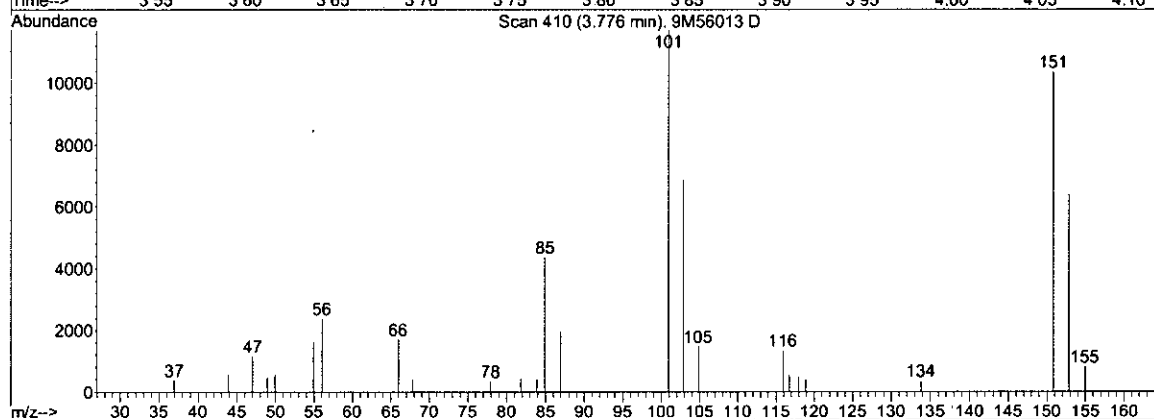
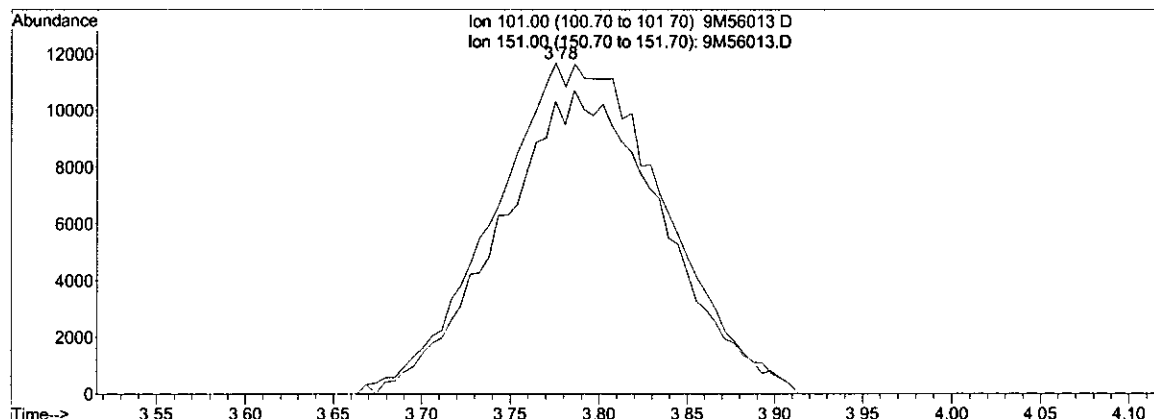
Quant Results File: temp.res

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-Tnfluoroethane (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

*myung**no*

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			Recovery	=	108.14%	
42) 1,2-Dichloroethane-d4	7.99	65	204479	51.8244	ug/kg	0.00
Spiked Amount			Recovery	=	103.64%	
56) Toluene-d8	10.40	98	684490	54.9330	ug/kg	0.00
Spiked Amount			Recovery	=	109.86%	
77) p-Bromofluorobenzene	13.75	95	255803	52.4136	ug/kg	0.00
Spiked Amount			Recovery	=	104.82%	

Target Compounds

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

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

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

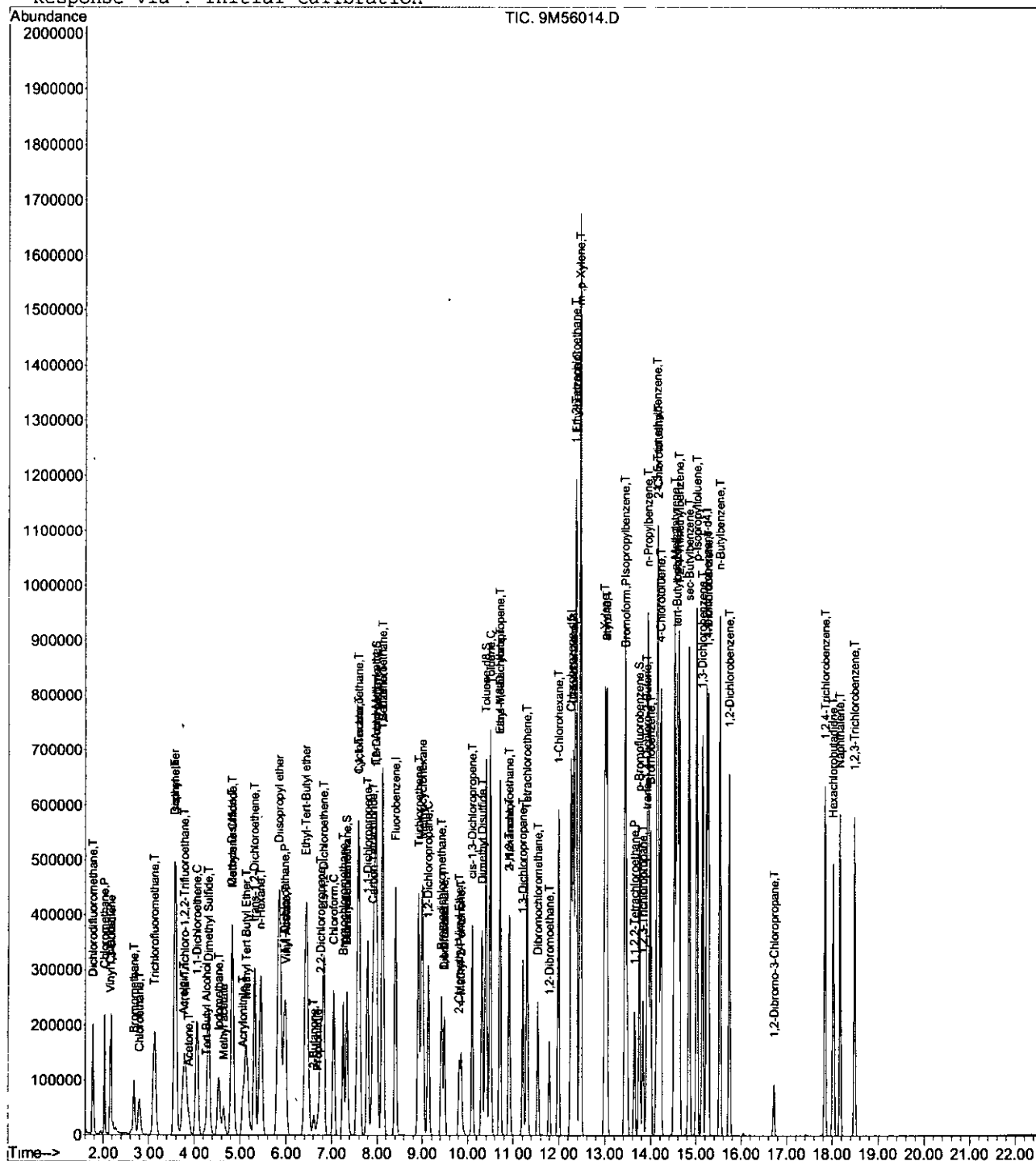
Page 2

Data File : C:\MSDCHEM\1\DATA\081407\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



Page 3

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	50.000		Recovery	= 198.02%		
42) 1,2-Dichloroethane-d4	7.99	65	378521	91.3792	ug/kg	0.00
Spiked Amount	50.000		Recovery	= 182.76%		
56) Toluene-d8	10.40	98	1308947	101.4074	ug/kg	0.00
Spiked Amount	50.000		Recovery	= 202.82%		
77) p-Bromofluorobenzene	13.76	95	485522	97.8204	ug/kg	0.00
Spiked Amount	50.000		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	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-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-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

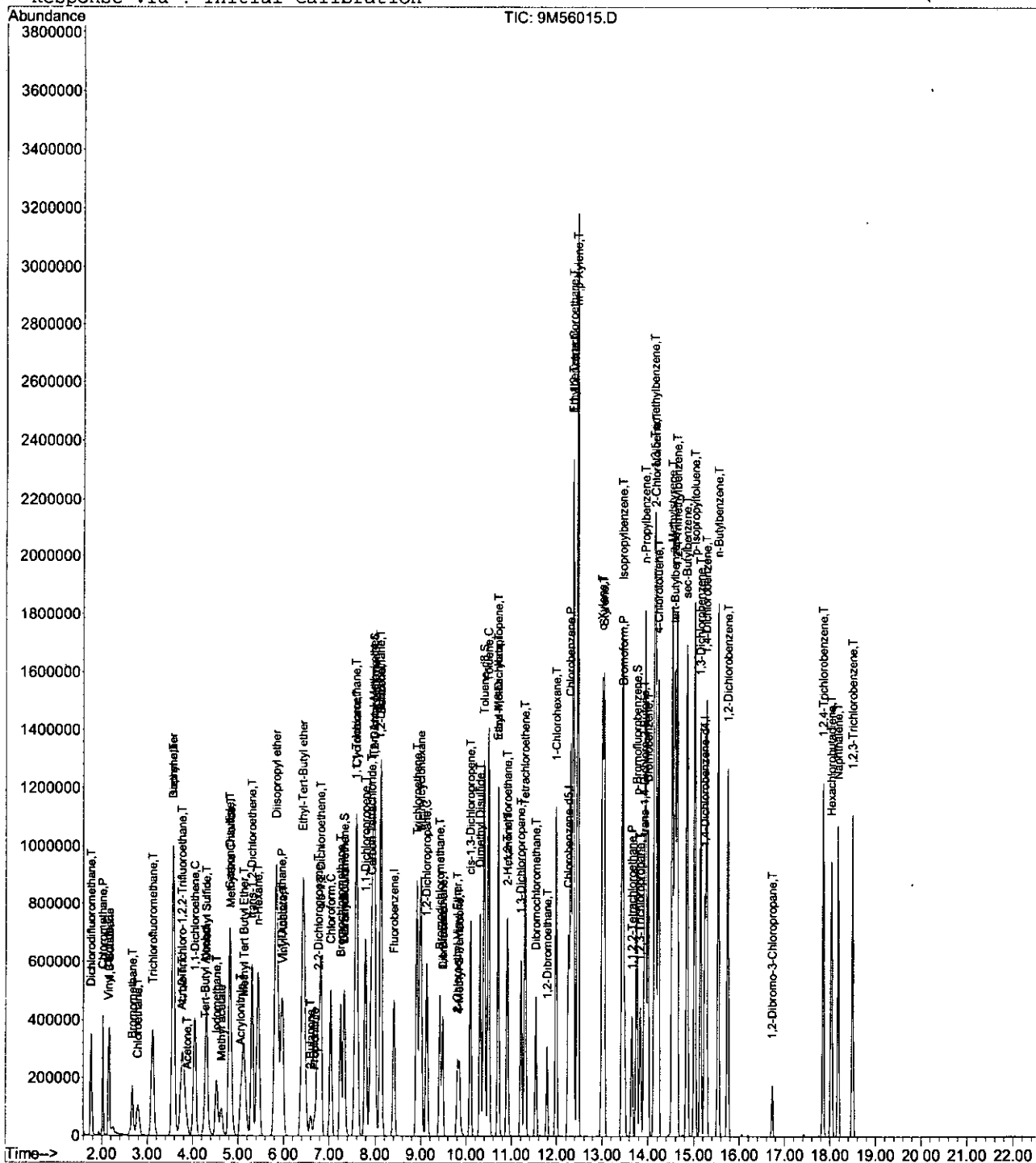
Page 2

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



9M56015.D 826_SLST.M

Wed Aug 15 16:23:54 2007

Page 3

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

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

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
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

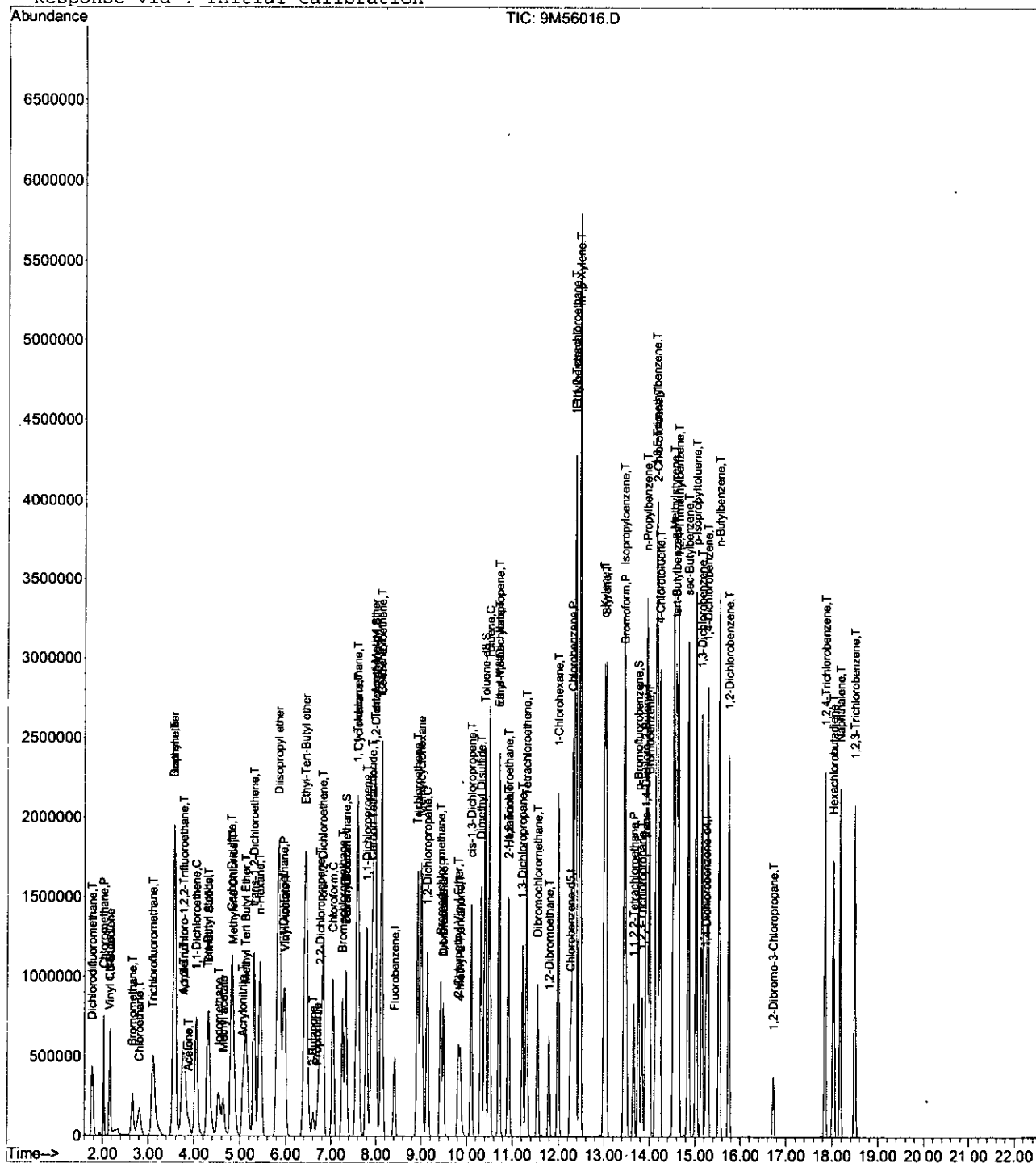
Page 2

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



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

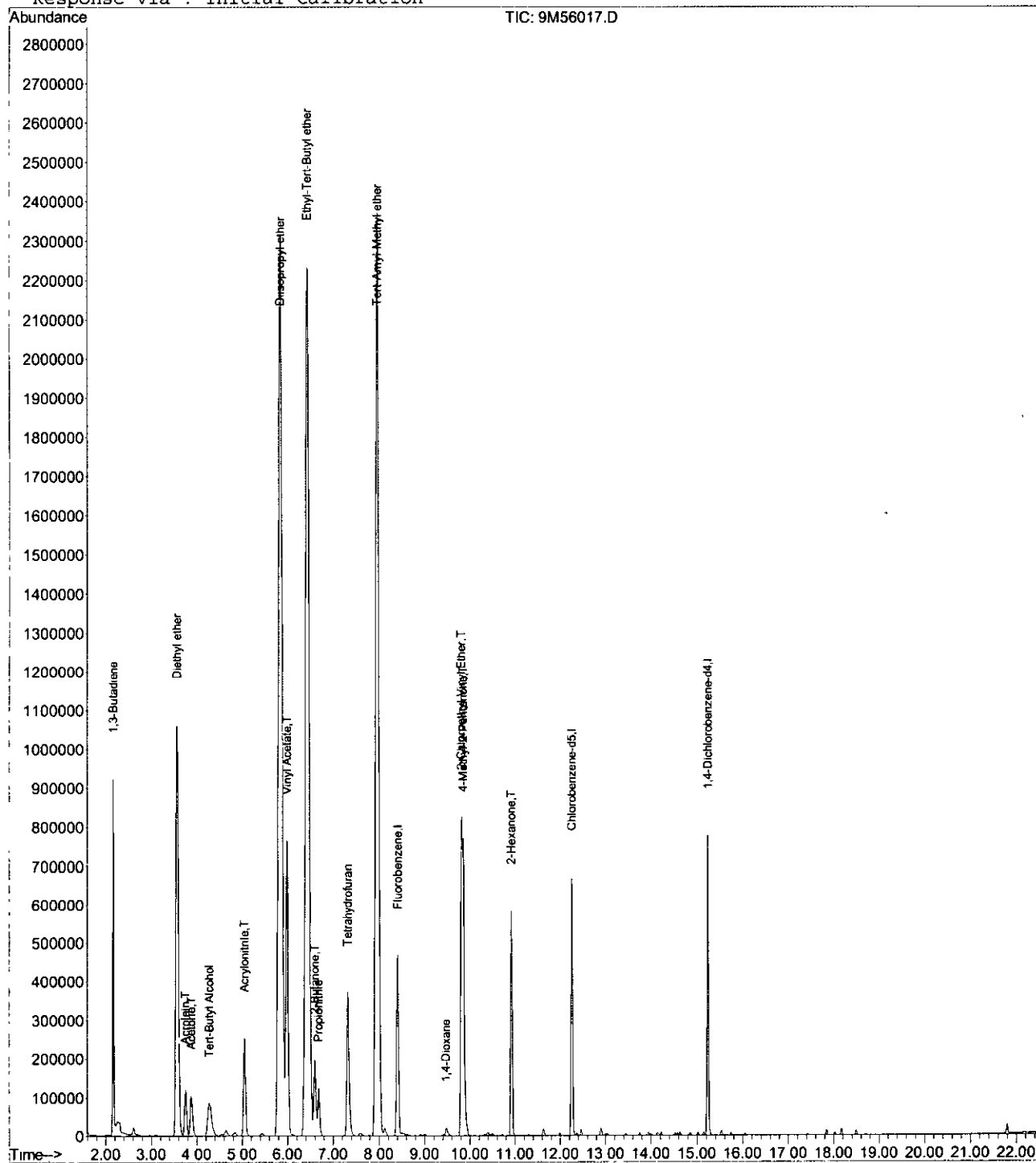
 (#) = qualifier out of range (m) = manual integration
 9M56017.D 826_SLST.M Tue Aug 14 16:52:30 2007

Data File : C:\MSDCHEM\1\DATA\081407\9M56017.D
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

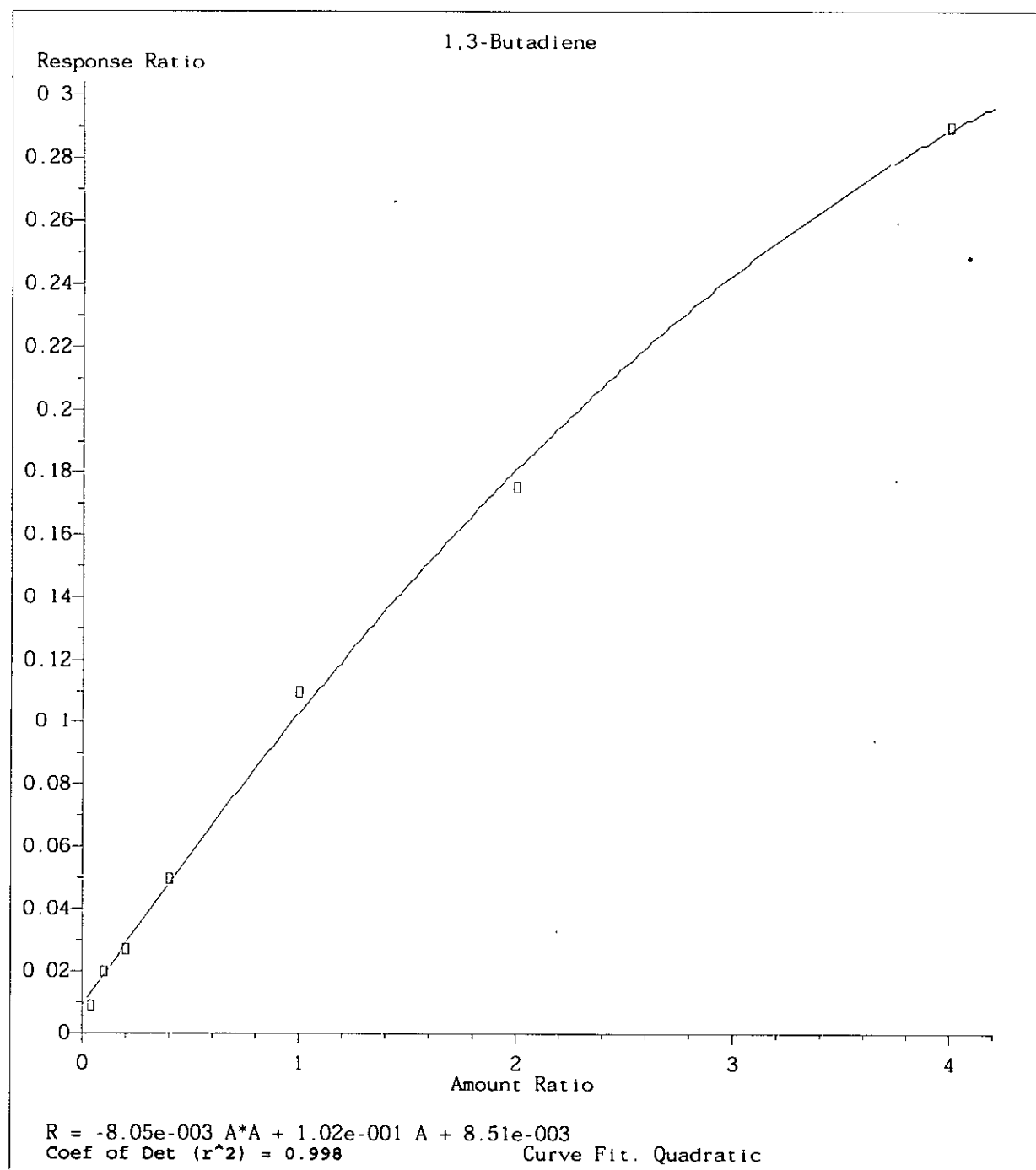
Quant Results File: 826_SLST.RES

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

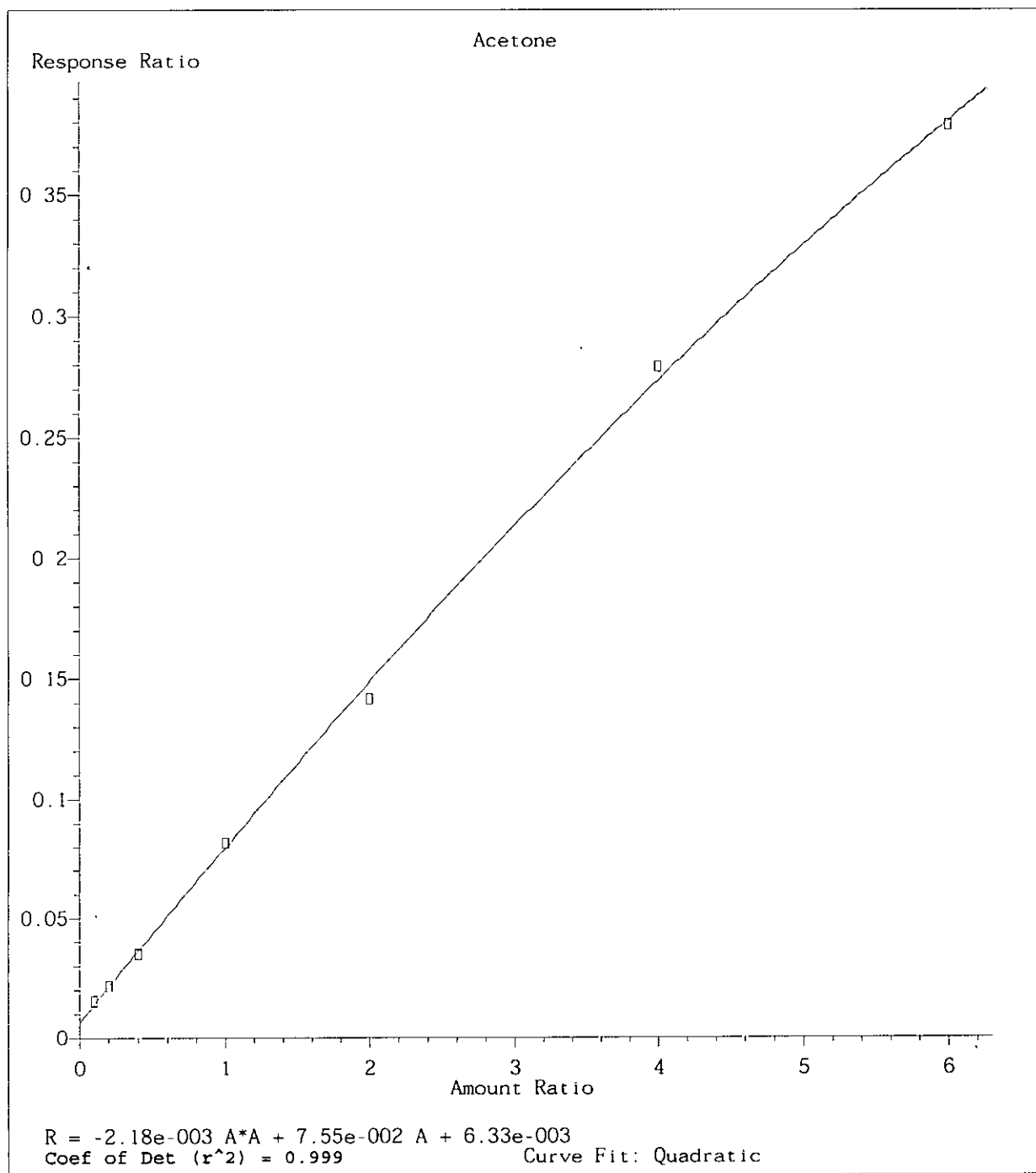


9M56017.D 826_SLST.M Tue Aug 14 16:52:31 2007

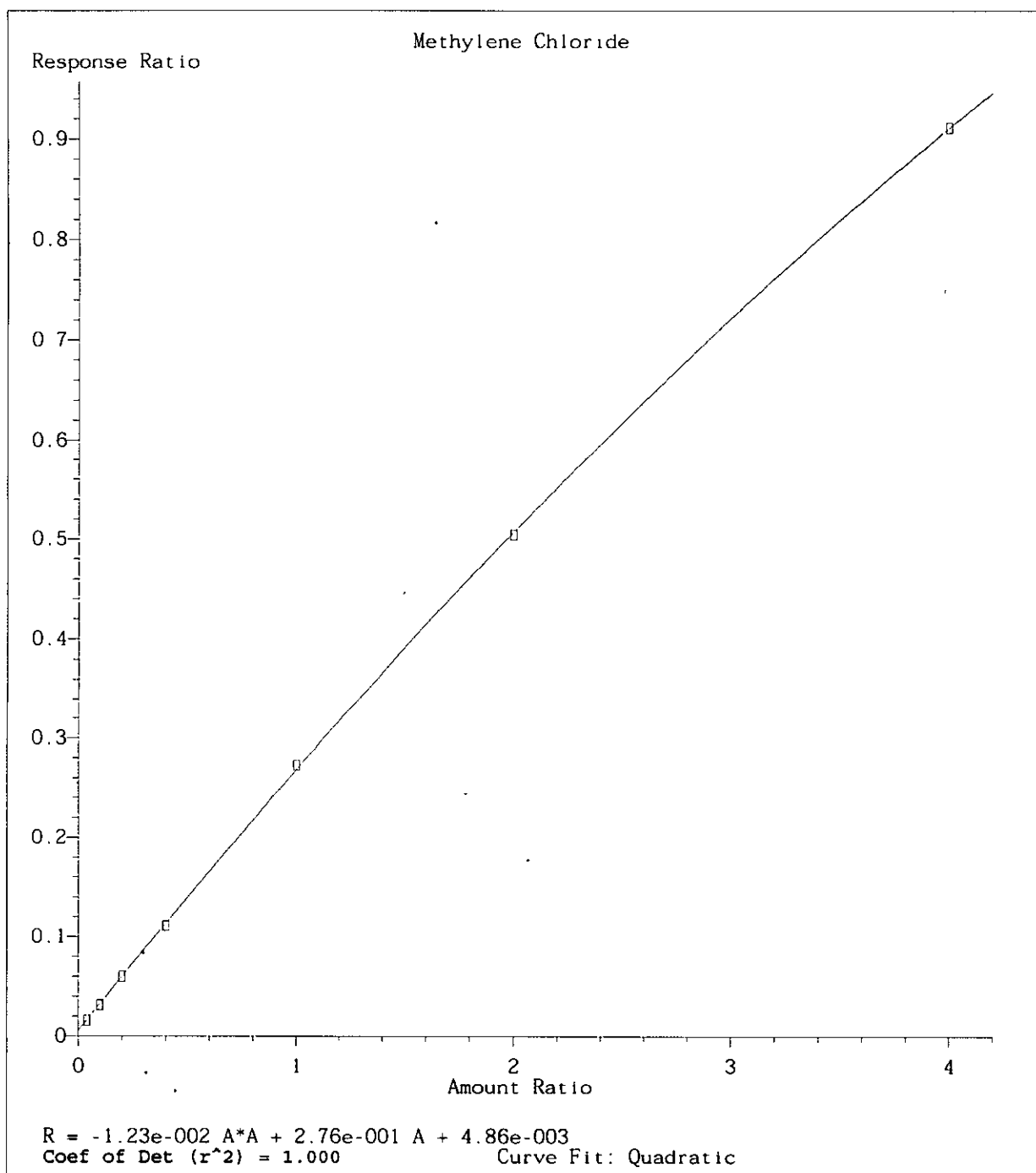
Page 2



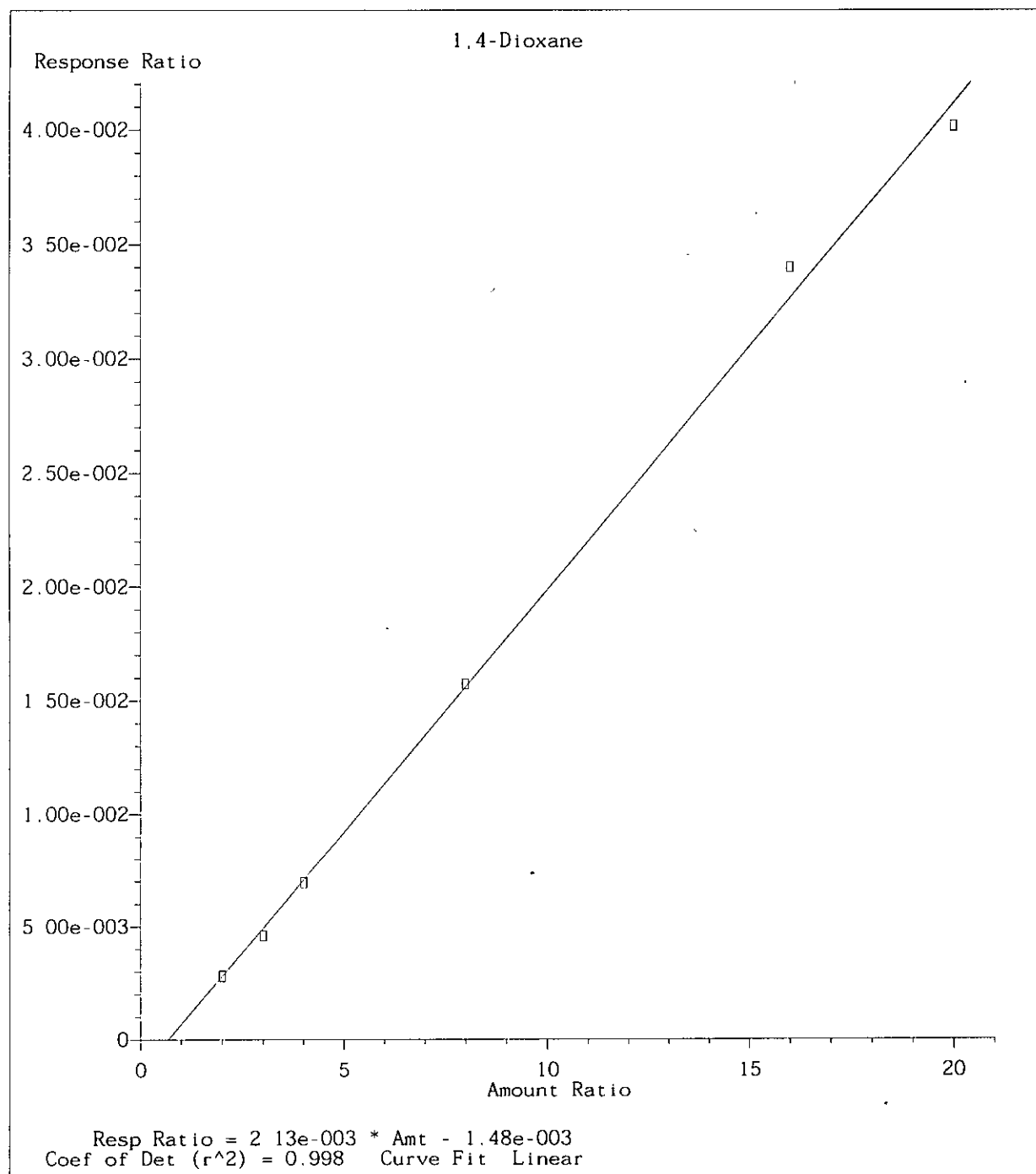
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Calibration Table Last Updated: Tue Aug 14 17:25:57 2007



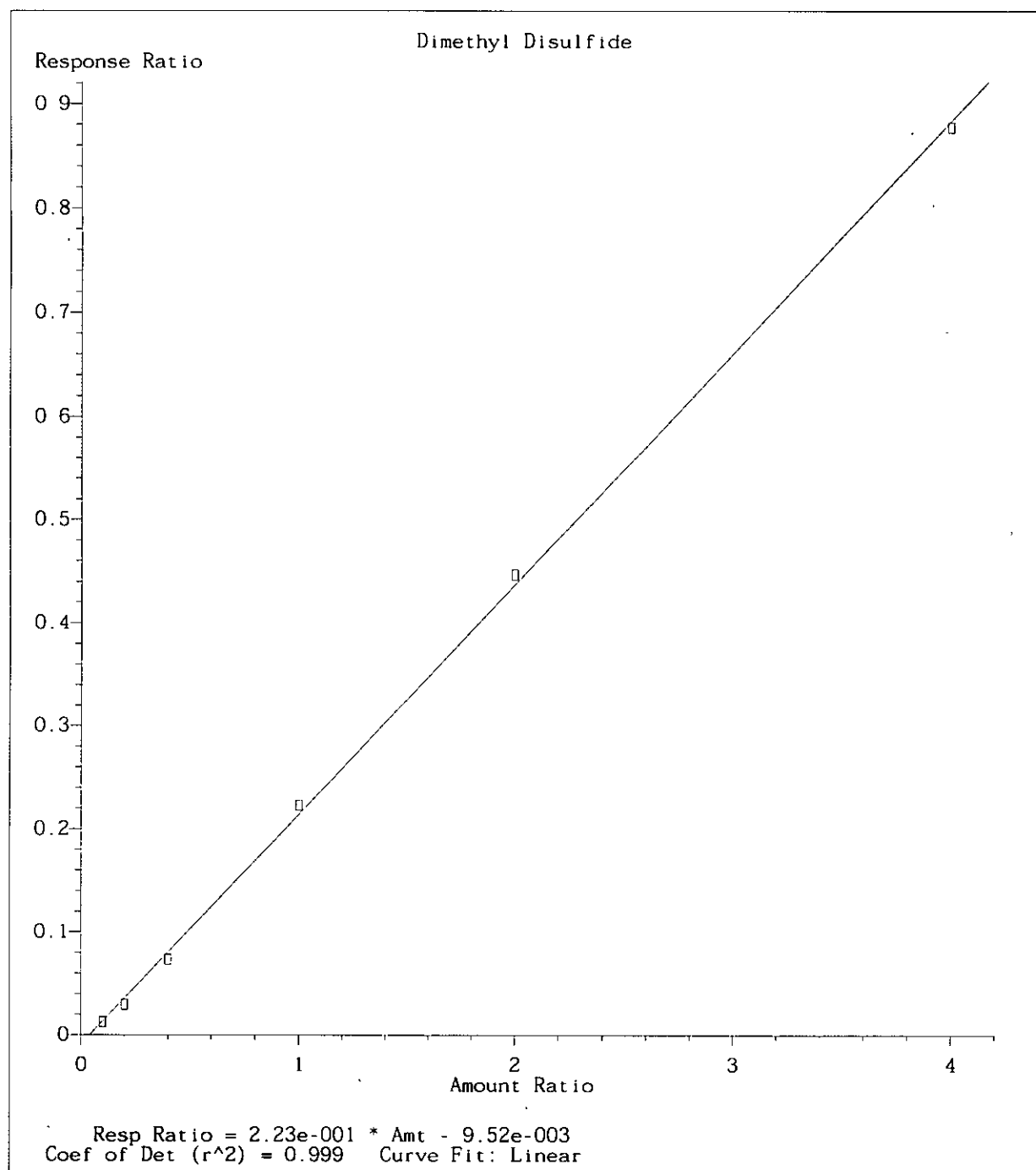
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Calibration Table Last Updated: Tue Aug 14 17:25 57 2007



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-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

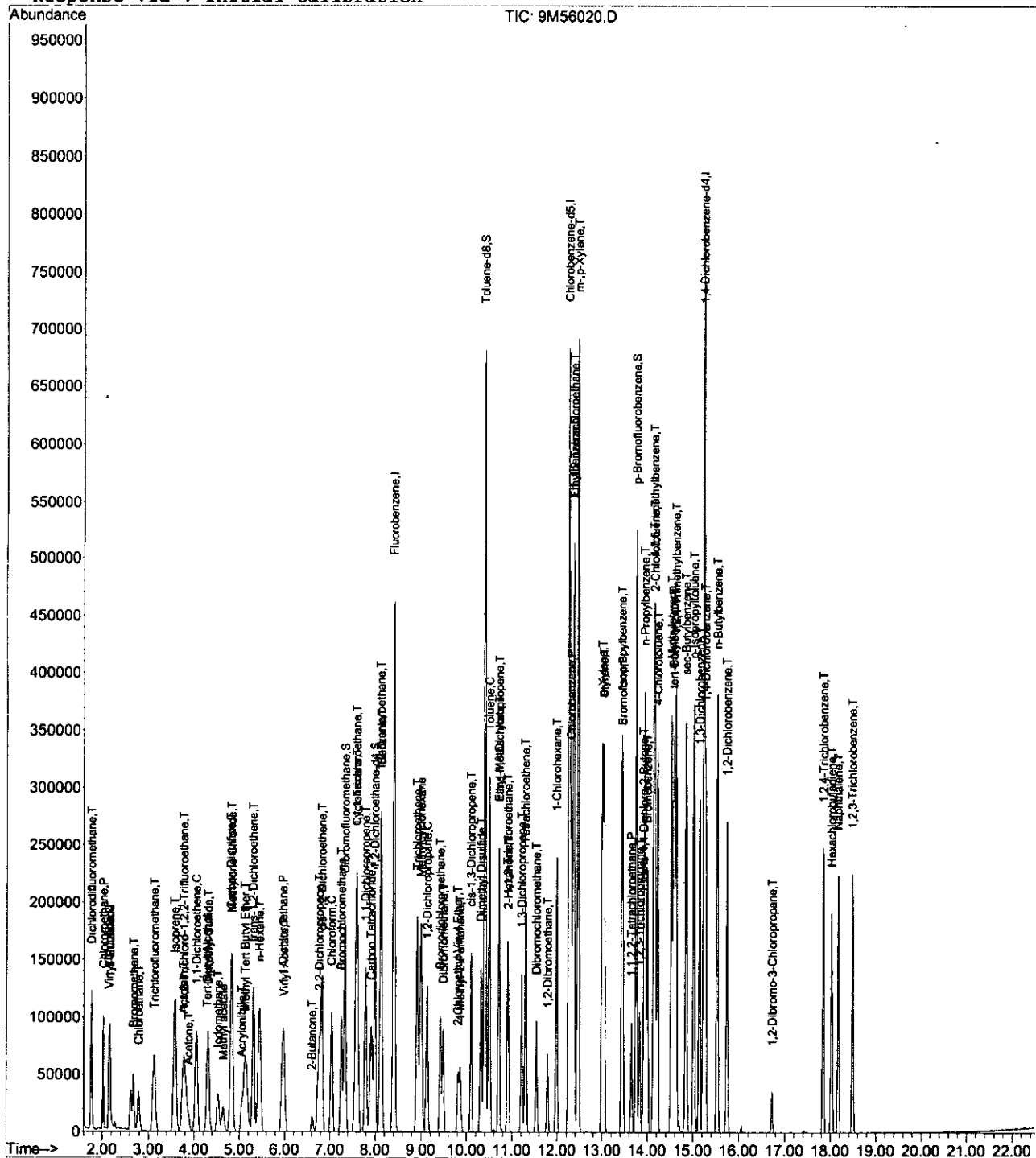
Page 2

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

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Data File : C:\MSDCHEM\1\DATA\092607\8M339932.D

Vial: 2

Acq On : 26 Sep 2007 6:23

Operator: CMS

Sample : WG251026-02 50ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 06:50:58 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	742471	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	580899	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	309450	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	145580	23.4004	ug/L	0.00
Spiked Amount	25.000	Range	86 - 118	Recovery	=	93.60%
42) 1,2-Dichloroethane-d4	10.31	65	121845	20.8435	ug/L	0.00
Spiked Amount	25.000	Range	80 - 120	Recovery	=	83.36%
56) Toluene-d8	12.70	98	560812	25.5770	ug/L	0.00
Spiked Amount	25.000	Range	88 - 110	Recovery	=	102.32%
77) p-Bromofluorobenzene	16.09	95	230641	23.6852	ug/L	0.00
Spiked Amount	25.000	Range	86 - 115	Recovery	=	94.76%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	436275	55.6663	ug/L	96
3) Chloromethane	3.61	50	298516	48.5777	ug/L	99
4) Vinyl Chloride	3.84	62	170992	50.4401	ug/L	99
5) 1,3-Butadiene	3.88	54	120640	50.9099	ug/L	86
6) Bromomethane	4.72	94	239601	55.5814	ug/L	100
7) Chloroethane	4.89	64	284724	54.5025	ug/L	99
8) Trichlorofluoromethane	5.40	101	595301	56.0554	ug/L	98
9) Diethyl ether	5.92	59	384883	95.4619	ug/L	99
10) Isoprene	5.96	67	507548	57.8898	ug/L	94
11) Acrolein	6.13	56	43691	100.4501	ug/L	99
12) 1,1,2-Trichloro-1,2,2-Trif	6.18	101	325631	56.2810	ug/L	96
13) Acetone	6.23	43	49859	47.2299	ug/L	99
14) 1,1-Dichloroethene	6.48	61	557660	55.2219	ug/L	100
15) Tert-Butyl Alcohol	6.60	59	48144	195.0562	ug/L	92
16) Dimethyl Sulfide	6.74	62	438618	50.4225	ug/L	99
17) Iodomethane	6.99	142	551536	59.4359	ug/L	87
18) Methyl acetate	7.00	43	168787	45.5323	ug/L	97
19) Methylene Chloride	7.26	84	327076	50.1705	ug/L	91
20) Carbon Disulfide	7.30	76	1049471	55.3986	ug/L	99
21) Acrylonitrile	7.42	53	72044	48.8456	ug/L	99
22) Methyl Tert Butyl Ether	7.49	73	560512	46.4491	ug/L	95
23) trans-1,2-Dichloroethene	7.71	61	536820	52.5822	ug/L	98
24) n-Hexane	7.83	57	499945	57.5103	ug/L	97
25) Diisopropyl ether	8.16	45	2159864	101.1217	ug/L	93
26) Vinyl Acetate	8.30	43	281564	49.7614	ug/L	100
27) 1,1-Dichloroethane	8.33	63	650350	51.2634	ug/L	99
28) Ethyl-Tert-Butyl ether	8.73	59	1688858	97.5648	ug/L	97
29) 2-Butanone	8.88	43	73406	45.4974	ug/L	98
30) Propionitrile	8.97	54	46510	95.9722	ug/L #	73
31) 2,2-Dichloropropane	9.12	77	543820	56.0786	ug/L	98
32) cis-1,2-Dichloroethene	9.17	96	372019	51.3148	ug/L	95
33) Chloroform	9.38	83	570643	49.6859	ug/L	99
34) Bromochloromethane	9.60	130	197355	49.6835	ug/L	98
35) Tetrahydrofuran	9.64	42	89151	90.9749	ug/L	96
37) 1,1,1-Trichloroethane	9.93	97	537046	54.6164	ug/L	96
38) Cyclohexane	9.97	56	649748	54.7556	ug/L	96
39) 1,1-Dichloropropene	10.12	75	468897	53.9716	ug/L	98
40) Tert-Amyl-Methyl ether	10.24	73	1135388	95.5338	ug/L #	74
41) Carbon Tetrachloride	10.27	117	474887	56.6116	ug/L	99
43) 1,2-Dichloroethane	10.42	62	373874	47.6955	ug/L	98

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

8M339932.D 8260WT.M Wed Sep 26 06:51:00 2007

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Data File : C:\MSDCHEM\1\DATA\092607\8M339932.D

Vial: 2

Acq On : 26 Sep 2007 6:23

Operator: CMS

Sample : WG251026-02 50ug/L STD 8260

Inst : HPMS8

Misc : 1,1 STD22050

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 06:50:58 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.47	78	1361522	49.8218	ug/L	93
45) Trichloroethene	11.23	130	386633	53.2019	ug/L	96
46) Methylcyclohexane	11.33	83	517624	55.9786	ug/L	88
47) 1,2-Dichloropropane	11.44	63	339715	50.0099	ug/L	92
48) Bromodichloromethane	11.73	83	399006	51.8804	ug/L	98
49) 1,4-Dioxane	11.72	88	6240	218.1977	ug/L	71
50) Dibromomethane	11.81	93	143036	47.7776	ug/L	93
51) 2-Chloroethyl Vinyl Ether	12.02	63	138051	48.3196	ug/L	100
52) 4-Methyl-2-Pentanone	12.07	58	62035	46.1317	ug/L	99
53) cis-1,3-Dichloropropene	12.37	75	488073	50.1017	ug/L	99
54) Dimethyl Disulfide	12.63	94	564119	53.1812	ug/L	93
57) Toluene	12.80	91	1431848	50.6706	ug/L	97
58) Ethyl Methacrylate	12.89	69	241040	48.1773	ug/L	93
59) trans-1,3-Dichloropropene	12.97	75	396610	49.7635	ug/L	99
60) 1,1,2-Trichloroethane	13.18	97	202953	47.0394	ug/L	97
61) 2-Hexanone	13.12	58	56941	45.8146	ug/L #	69
62) 1,3-Dichloropropane	13.48	76	355254	46.9768	ug/L	96
63) Tetrachloroethene	13.63	164	309012	55.1120	ug/L	95
64) Dibromochloromethane	13.86	129	278353	53.2758	ug/L	100
65) 1,2-Dibromoethane	14.12	107	209183	49.0252	ug/L	100
66) 1-Chlorohexane	14.23	91	506297	55.8841	ug/L	98
67) Chlorobenzene	14.63	112	971875	47.4002	ug/L	95
68) 1,1,1,2-Tetrachloroethane	14.67	131	316967	51.4381	ug/L	99
69) Ethylbenzene	14.67	106	515619	51.1414	ug/L	93
70) m-,p-Xylene	14.75	106	1256549	96.1956	ug/L	93
71) o-Xylene	15.32	106	656032	50.6919	ug/L	94
72) Styrene	15.35	104	1065493	50.8503	ug/L	98
73) Bromoform	15.83	173	154398	52.9436	ug/L	99
74) Isopropylbenzene	15.75	105	1579859	52.3021	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.95	83	206542	48.2661	ug/L	98
78) 1,2,3-Trichloropropane	16.14	110	64696	48.5067	ug/L #	18
79) trans-1,4-Dichloro-2-Buten	16.18	53	76559	51.6328	ug/L #	71
80) n-Propylbenzene	16.25	91	1975071	53.5647	ug/L	95
81) Bromobenzene	16.38	156	413841	49.3234	ug/L	98
82) 1,3,5-Trimethylbenzene	16.44	105	1387536	52.6886	ug/L	94
83) 2-Chlorotoluene	16.52	91	1301009	51.5511	ug/L	96
84) 4-Chlorotoluene	16.56	91	1186895	50.6124	ug/L	94
85) a-Methylstyrene	16.83	118	840295	53.7321	ug/L	98
86) tert-Butylbenzene	16.90	134	326073	54.3982	ug/L	85
87) 1,2,4-Trimethylbenzene	16.96	105	1408433	51.5093	ug/L	80
88) sec-Butylbenzene	17.17	105	1671774	53.4374	ug/L	94
89) p-Isopropyltoluene	17.33	119	1511565	53.8898	ug/L	96
90) 1,3-Dichlorobenzene	17.51	146	842274	49.8034	ug/L	99
91) 1,4-Dichlorobenzene	17.65	146	827920	49.0521	ug/L	99
92) n-Butylbenzene	17.86	91	1304945	53.5112	ug/L	94
93) 1,2-Dichlorobenzene	18.13	146	721391	48.4494	ug/L	99
94) 1,2-Dibromo-3-Chloropropan	19.12	75	34636	47.5822	ug/L #	56
95) 1,2,4-Trichlorobenzene	20.28	180	446928	47.9267	ug/L	98
96) Hexachlorobutadiene	20.43	225	179165	57.2291	ug/L	92
97) Naphthalene	20.64	128	684230	44.8274	ug/L	100
98) 1,2,3-Trichlorobenzene	20.95	180	309897	45.6052	ug/L	99

(#) = qualifier out of range (m) = manual integration
8M339932.D 8260WT.M Wed Sep 26 06:51:00 2007

Vial: 2
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



Page 3

Data File : C:\MSDCHEM\1\data\091907\9M56881.D Vial: 2
 Acq On : 19 Sep 2007 9:24 Operator: MES
 Sample : WG250438-02 50ug/Kg SOIL STD 8260 Inst : HPMS9
 Misc : 7,1 STD21828 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 19 09:47:31 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	462419	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	396796	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	229745	50.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Dibromofluoromethane	7.33	111	130317	51.2457	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.50%		
42) 1,2-Dichloroethane-d4	7.99	65	123902	44.8345	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.66%		
56) Toluene-d8	10.40	98	449006	49.5923	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	99.18%		
77) p-Bromofluorobenzene	13.75	95	171928	46.0639	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	92.12%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.77	85	158074	50.6729	ug/kg	96
3) Chloromethane	2.02	50	113257	42.8943	ug/kg	98
4) Vinyl Chloride	2.14	62	95868	50.5620	ug/kg	98
5) 1,3-Butadiene	2.17	54	53642	57.7945	ug/kg	93
6) Bromomethane	2.67	94	74385	53.8851	ug/kg	98
7) Chloroethane	2.78	64	72207	47.3519	ug/kg	99
8) Trichlorofluoromethane	3.12	101	245924	51.2062	ug/kg	99
9) Diethyl ether	3.57	59	146887	82.6206	ug/kg	94
10) Isoprene	3.57	67	170775	49.1933	ug/kg	94
11) Acrolein	3.76	56	18670	99.2533	ug/kg	100
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	139322	55.3332	ug/kg#	54
13) Acetone	3.88	43	30283	40.1288	ug/kg	94
14) 1,1-Dichloroethene	4.05	96	107936	47.2144	ug/kg	89
15) Tert-Butyl Alcohol	4.26	59	43042	179.5964	ug/kg#	80
16) Dimethyl Sulfide	4.31	62	129527	45.5361	ug/kg	91
17) Iodomethane	4.52	142	212201	64.4093	ug/kg	96
18) Methyl acetate	4.64	43	74781	43.6187	ug/kg	93
19) Methylene Chloride	4.84	84	105754	42.1693	ug/kg	84
20) Carbon Disulfide	4.81	76	364929	47.3299	ug/kg	100
21) Acrylonitrile	5.05	53	35387	44.8740	ug/kg	96
22) Methyl Tert Butyl Ether	5.12	73	303799	47.7464	ug/kg	98
23) trans-1,2-Dichloroethene	5.31	96	119554	45.8082	ug/kg	90
24) n-Hexane	5.44	57	193991	42.7780	ug/kg	96
25) Diisopropyl ether	5.84	45	596169	76.9835	ug/kg	96
26) Vinyl Acetate	5.99	43	174863	34.7936	ug/kg	95
27) 1,1-Dichloroethane	5.96	63	191319	40.9488	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.43	59	599137	84.7814	ug/kg	97
29) 2-Butanone	6.60	43	44371	41.3123	ug/kg	91
30) Propionitrile	6.69	54	21456	81.2083	ug/kg	96
31) 2,2-Dichloropropane	6.77	77	178320	44.8734	ug/kg	97
32) cis-1,2-Dichloroethene	6.82	96	123892	46.7419	ug/kg	89
33) Chloroform	7.04	83	193581	42.8418	ug/kg	98
34) Bromochloromethane	7.26	128	62024	47.8865	ug/kg	85
35) Tetrahydrofuran	7.33	42	45188	72.4705	ug/kg	89
37) 1,1,1-Trichloroethane	7.58	97	198687	46.0079	ug/kg	94
38) Cyclohexane	7.60	56	219447	44.4272	ug/kg	93
39) 1,1-Dichloropropene	7.79	75	156108	45.1053	ug/kg	94
40) Carbon Tetrachloride	7.91	117	189487	51.0988	ug/kg	99
41) Tert-Amyl-Methyl ether	7.96	73	510639	90.6525	ug/kg	96
43) 1,2-Dichloroethane	8.11	62	141809	40.8643	ug/kg	97

(#) = qualifier out of range (m) = manual integration
 9M56881.D 826_SLST.M Wed Sep 19 09:47:33 2007

Data File : C:\MSDCHEM\1\data\091907\9M56881.D

Vial: 2

Acq On : 19 Sep 2007 9:24

Operator: MES

Sample : WG250438-02 50ug/Kg SOIL STD 8260

Inst : HPMS9

Misc : 7,1 STD21828

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 09:47:31 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	420786	43.8633	ug/kg	99
45) Trichloroethene	8.92	130	149344	50.4730	ug/kg	97
46) Methylcyclohexane	9.00	83	223314	50.6634	ug/kg	93
47) 1,2-Dichloropropane	9.13	63	98421	43.5048	ug/kg	96
48) Bromodichloromethane	9.42	83	146506	48.8448	ug/kg	100
49) 1,4-Dioxane	9.48	88	2824	177.7675	ug/kg	88
50) Dibromomethane	9.48	93	64060	46.0150	ug/kg	94
51) 2-Chloroethyl Vinyl Ether	9.81	63	31328	35.4619	ug/kg	96
52) 4-Methyl-2-Pentanone	9.86	58	40404	50.6860	ug/kg	95
53) cis-1,3-Dichloropropene	10.10	75	168972	48.2474	ug/kg	97
54) Dimethyl Disulfide	10.31	79	95527	48.4037	ug/kg	94
57) Toluene	10.50	91	490220	45.2563	ug/kg	100
58) Ethyl Methacrylate	10.71	69	127250	49.4645	ug/kg	99
59) trans-1,3-Dichloropropene	10.71	75	160827	46.6817	ug/kg	97
60) 1,1,2-Trichloroethane	10.91	97	94492	47.6600	ug/kg	97
61) 2-Hexanone	10.92	43	70714	45.0085	ug/kg	92
62) 1,3-Dichloropropane	11.21	76	149539	44.3527	ug/kg	88
63) Tetrachloroethene	11.30	164	114901	48.4886	ug/kg	96
64) Dibromochloromethane	11.54	129	134830	55.3709	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	99187	48.8949	ug/kg	100
66) 1-Chlorohexane	11.99	91	180139	51.6099	ug/kg	89
67) Chlorobenzene	12.31	112	358923	47.0252	ug/kg	100
68) 1,1,1,2-Tetrachloroethane	12.35	131	137404	53.5412	ug/kg	100
69) Ethylbenzene	12.36	106	190646	48.7472	ug/kg	94
70) m-,p-Xylene	12.46	106	469442	99.7083	ug/kg	96
71) o-Xylene	13.00	106	221514	50.7245	ug/kg	95
72) Styrene	13.04	104	374956	53.8443	ug/kg	95
73) Bromoform	13.46	173	86507	60.1630	ug/kg	100
74) Isopropylbenzene	13.44	105	576837	50.3771	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	104296	46.1228	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	41286	48.7362	ug/kg	92
79) trans-1,4-Dichloro-2-Butene	13.91	53	40281	41.4499	ug/kg	90
80) n-Propylbenzene	13.94	91	694832	46.0841	ug/kg	97
81) Bromobenzene	14.00	156	161676	48.8715	ug/kg	90
82) 1,3,5-Trimethylbenzene	14.14	105	497476	48.7774	ug/kg	98
83) 2-Chlorotoluene	14.16	91	467248	45.0397	ug/kg	96
84) 4-Chlorotoluene	14.22	91	420439	44.8861	ug/kg	96
85) a-Methylstyrene	14.53	118	307010	50.2045	ug/kg	100
86) tert-Butylbenzene	14.58	134	117018	49.8856	ug/kg	94
87) 1,2,4-Trimethylbenzene	14.63	105	512777	47.4789	ug/kg	91
88) sec-Butylbenzene	14.85	105	653123	47.6956	ug/kg	97
89) p-Isopropyltoluene	15.02	119	599243	50.4041	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	312023	48.7280	ug/kg	97
91) 1,4-Dichlorobenzene	15.27	146	319038	48.0057	ug/kg	96
92) n-Butylbenzene	15.53	91	499183	47.0726	ug/kg	97
93) 1,2-Dichlorobenzene	15.74	146	292835	50.0648	ug/kg	96
94) 1,2-Dibromo-3-Chloropropan	16.72	157	31871	59.1315	ug/kg	88
95) 1,2,4-Trichlorobenzene	17.84	180	205288	52.6157	ug/kg	99
96) Hexachlorobutadiene	18.02	225	102804	50.4105	ug/kg	97
97) Naphthalene	18.17	128	476340	55.1661	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	188967	52.5854	ug/kg	99

(#) = qualifier out of range (m) = manual integration
9M56881.D 826_SLST.M Wed Sep 19 09:47:34 2007

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

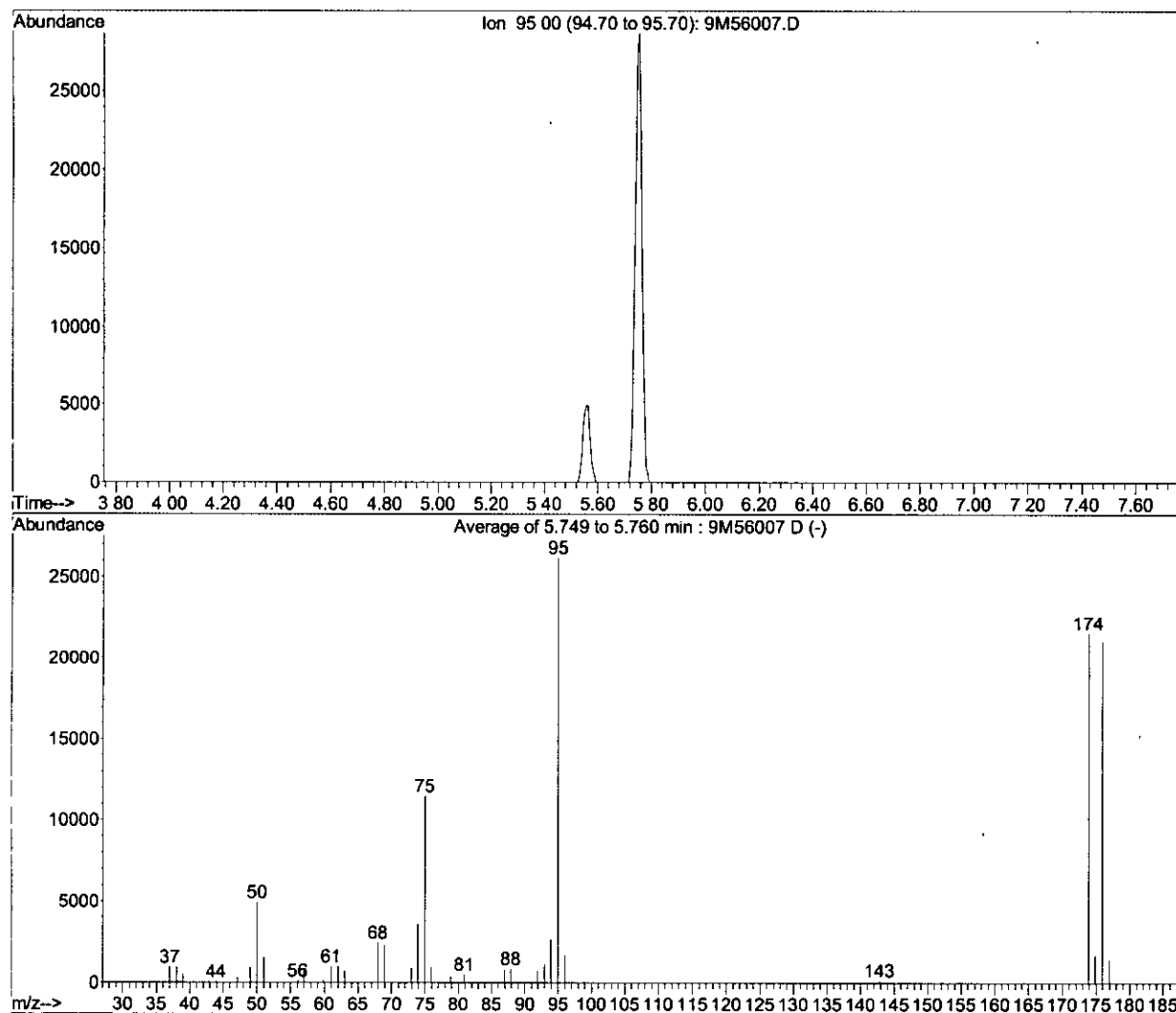
Misc : 7,1 STD21056

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

9511421

BFB

Data File : C:\MSDCHEM\1\DATA\091907\9M56880.D

Vial: 2

Acq On : 19 Sep 2007 9:00

Operator: MES

Sample : WG250438-01 50NG BFB STD 8260

Inst : HPMS9

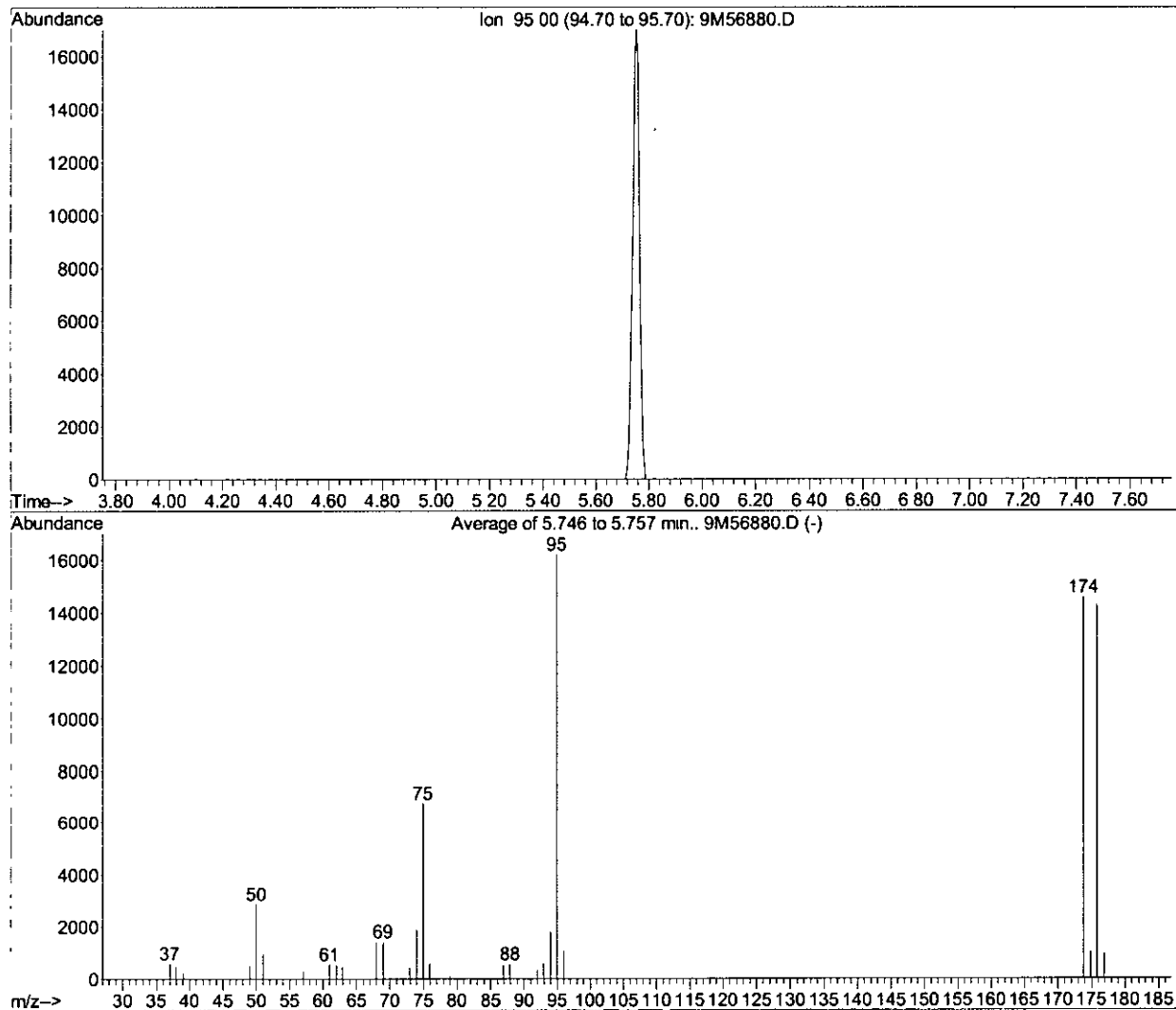
Misc : 7,1 STD21685

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	17.7	2865	PASS
75	95	30	60	41.8	6772	PASS
95	95	100	100	100.0	16203	PASS
96	95	5	9	6.5	1048	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	89.9	14570	PASS
175	174	5	9	7.0	1013	PASS
176	174	95	101	98.0	14272	PASS
177	176	5	9	6.6	942	PASS

9M56880.D BFB.M Wed Sep 19 09:59:54 2007

Data File : C:\MSDCHEM\1\DATA\092507\8M339911.D

Vial: 20

Acq On : 25 Sep 2007 16:11

Operator: CMS

Sample : WG251019-01 BFB 50ng STD 8260

Inst : HPMS8

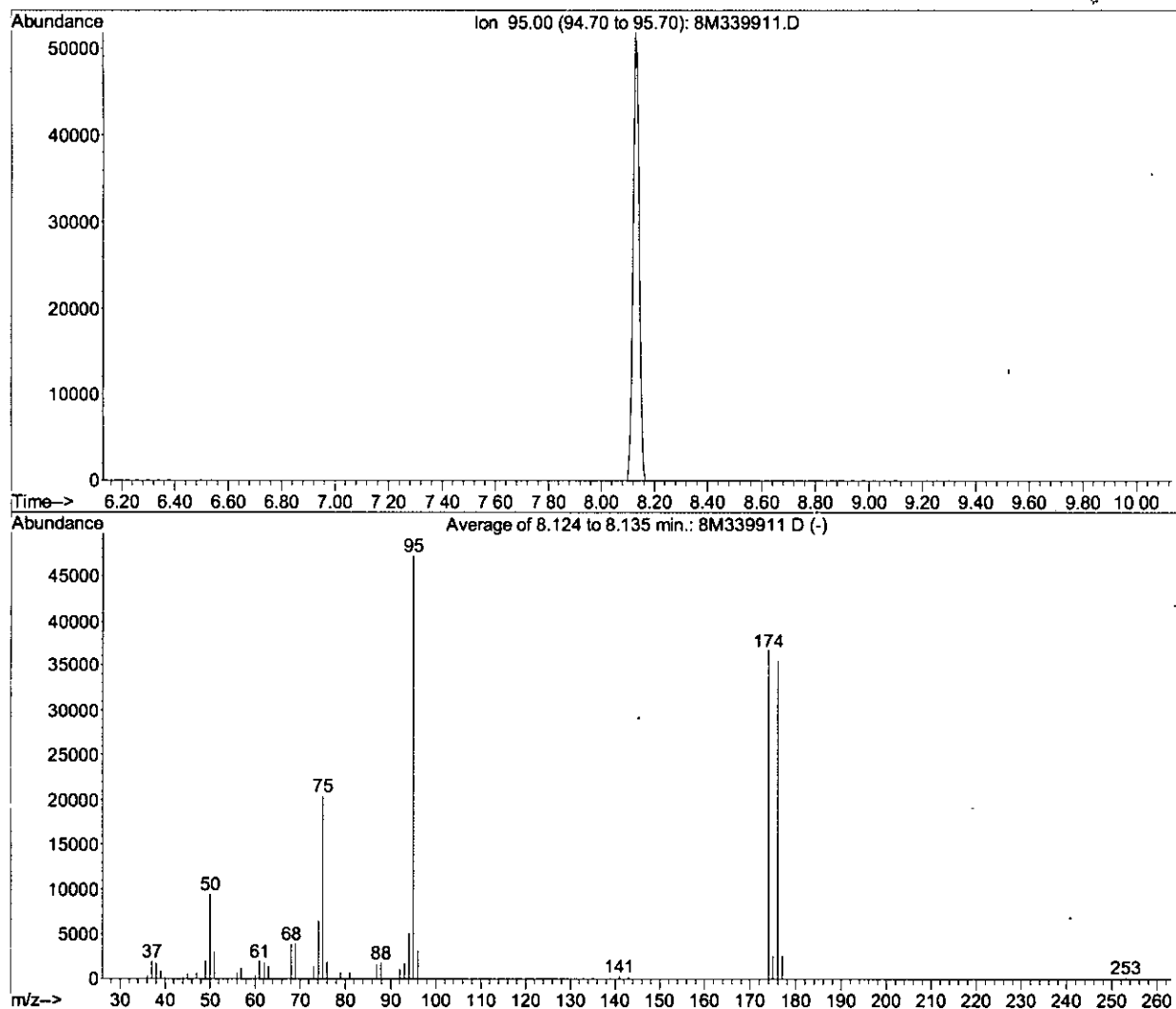
Misc : 1,1 STD21685

Multiplr: 1.00

MS Integration Params: rteint.p

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

Title :



AutoFind: Scans 386, 387, 388; Background Corrected with Scan 379

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	9464	PASS
75	95	30	60	43.2	20426	PASS
95	95	100	100	100.0	47232	PASS
96	95	5	9	6.7	3162	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.8	36770	PASS
175	174	5	9	7.1	2607	PASS
176	174	95	101	96.4	35450	PASS
177	176	5	9	7.2	2538	PASS

8M339911.D BFB.M Wed Sep 26 09:49:52 2007

9511423

BFB

Data File : C:\MSDCHEM\1\DATA\092607\8M339931.D

Vial: 1

Acq On : 26 Sep 2007 5:54

Operator: CMS

Sample : WG251026-01 BFB 50ng STD 8260

Inst : HPMS8

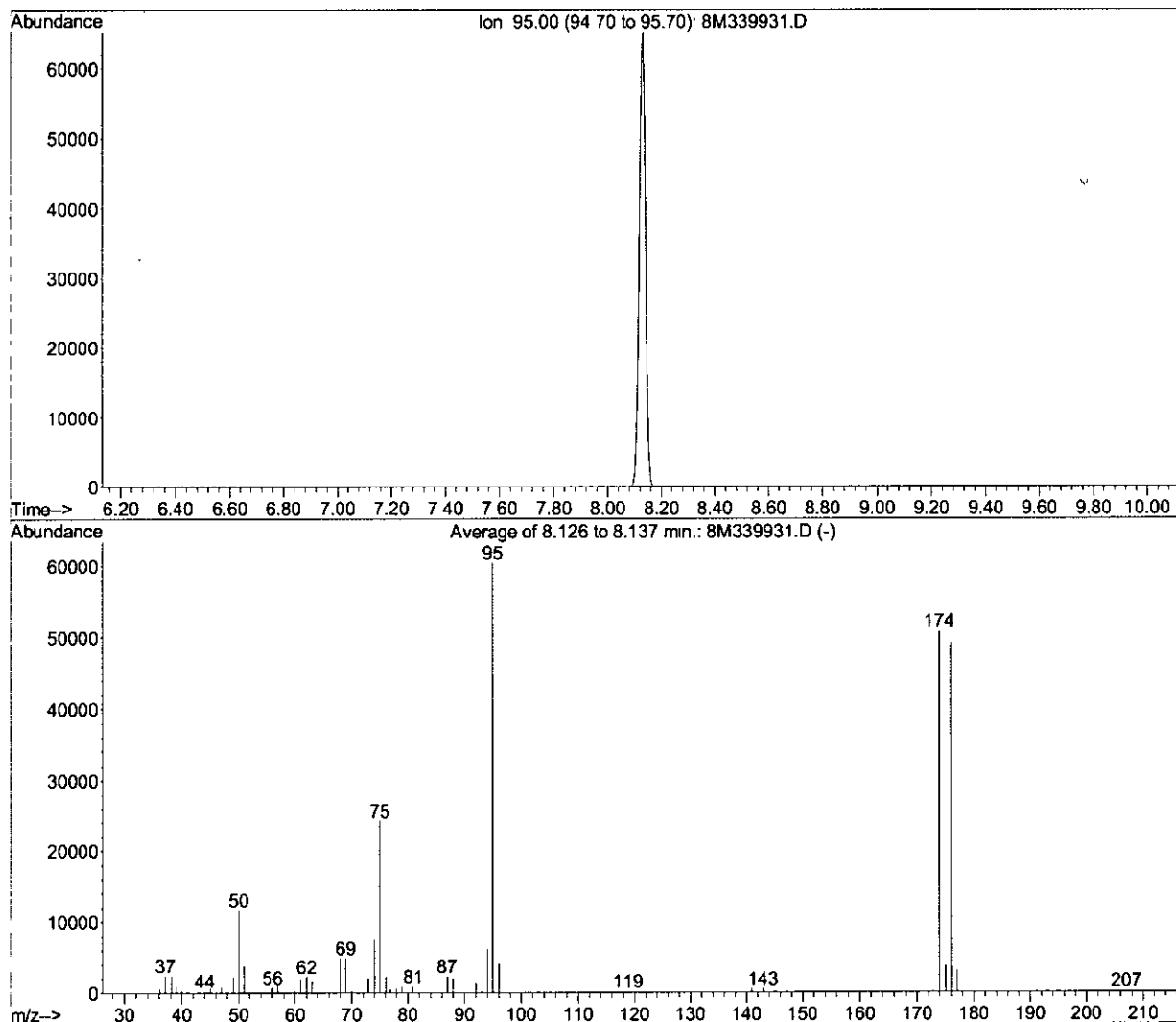
Misc : 1,1 STD21685

Multiplr: 1.00

MS Integration Params: rteint.p

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

Title :



AutoFind: Scans 386, 387, 388; Background Corrected with Scan 377

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	11589	PASS
75	95	30	60	40.2	24301	PASS
95	95	100	100	100.0	60386	PASS
96	95	5	9	6.7	4025	PASS
173	174	0.00	2	0.3	155	PASS
174	95	50	100	84.1	50786	PASS
175	174	5	9	7.1	3622	PASS
176	174	95	101	96.6	49040	PASS
177	176	5	9	6.2	3029	PASS

8M339931.D BFB.M

Wed Sep 26 06:51:43 2007

Data File : C:\MSDCHEM\1\data\091907\9M56882.D Vial: 3
 Acq On : 19 Sep 2007 9:56 Operator: MES
 Sample : WG250439-01 VBLK0919 BLANK 8260 Inst : HPMS9
 Misc : 7,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Sep 19 10:18:55 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	415164	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	360491	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	207192	50.00	ug/kg	0.00

System Monitoring Compounds						
36) Dibromofluoromethane	7.33	111	130228	57.0396	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.08%	
42) 1,2-Dichloroethane-d4	7.99	65	127543	51.4051	ug/kg	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.82%	
56) Toluene-d8	10.40	98	444293	54.0138	ug/kg	0.00
Spiked Amount	50.000	Range 81 - 117	Recovery	=	108.02%	
77) p-Bromofluorobenzene	13.75	95	169497	50.3557	ug/kg	0.00
Spiked Amount	50.000	Range 74 - 121	Recovery	=	100.72%	

Target Compounds			Qvalue			
13) Acetone	3.88	43	692	Below Cal	#	47
15) Tert-Butyl Alcohol	4.27	59	102	0.4740	ug/kg#	69
97) Naphthalene	18.17	128	4833	0.6206	ug/kg#	87

(#) = qualifier out of range (m) = manual integration
 9M56882.D 826_SLST.M Wed Sep 19 10:18:57 2007

Data File : C:\MSDchem\1\data\091907\9M56882.D

Vial: 3

Acq On : 19 Sep 2007 9:56

Operator: MES

Sample : WG250439-01 VBLK0919 BLANK 8260

Inst : HPMS9

Misc : 7,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 10:18 2007

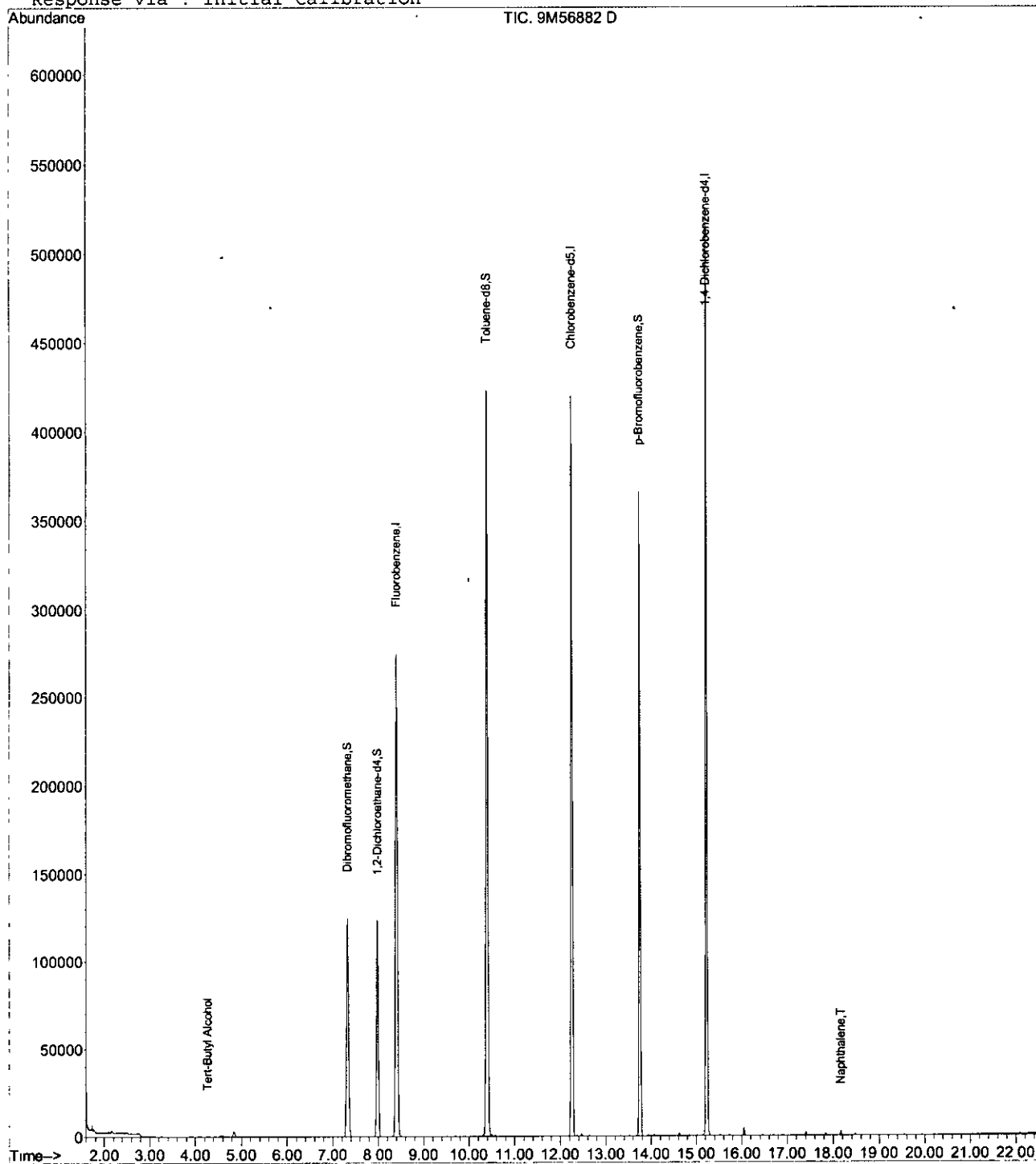
Quant Results File: 826_SLST.RES

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

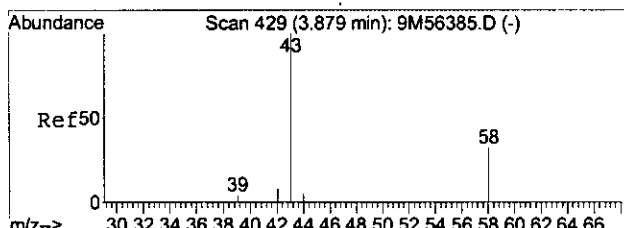
Response via : Initial Calibration



9M56882.D 826_SLST.M

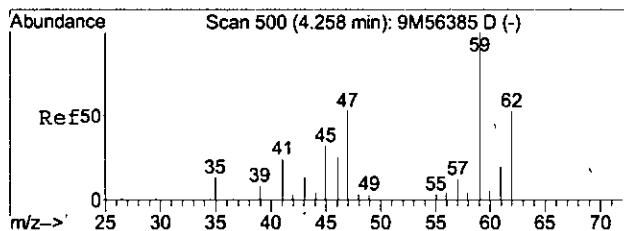
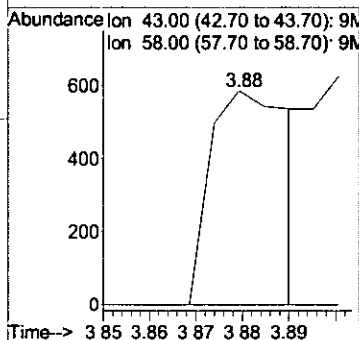
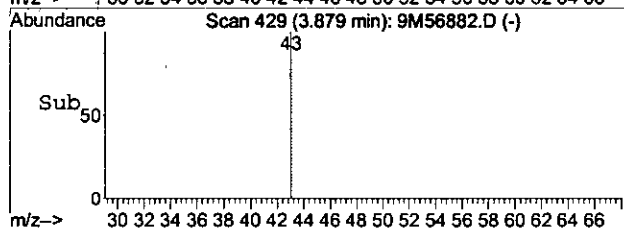
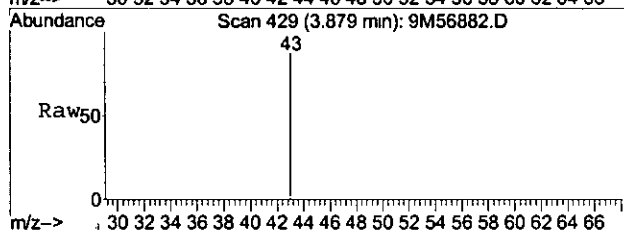
Wed Sep 19 10:18:58 2007

Page 2



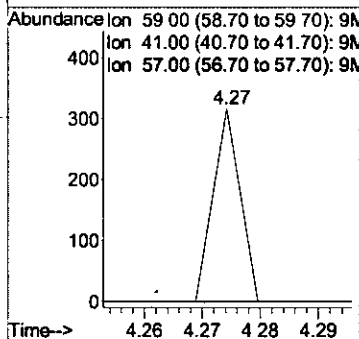
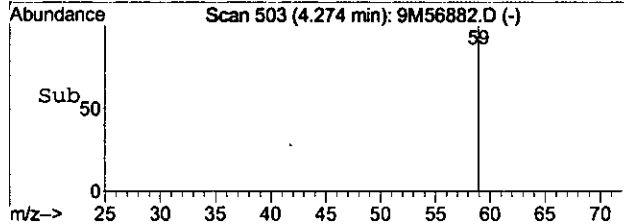
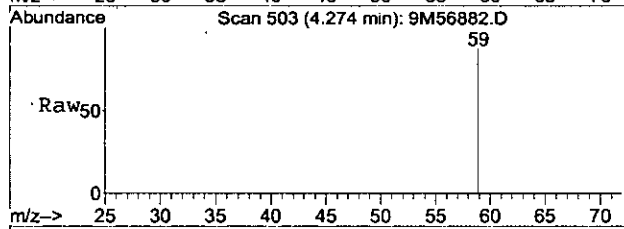
#13
Acetone
Concen: Below Cal
RT: 3.88 min Scan# 429
Delta R.T. 0.00 min
Lab File: 9M56882.D
Acq: 19 Sep 2007 9:56

Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 0.0 16.7 38.9#

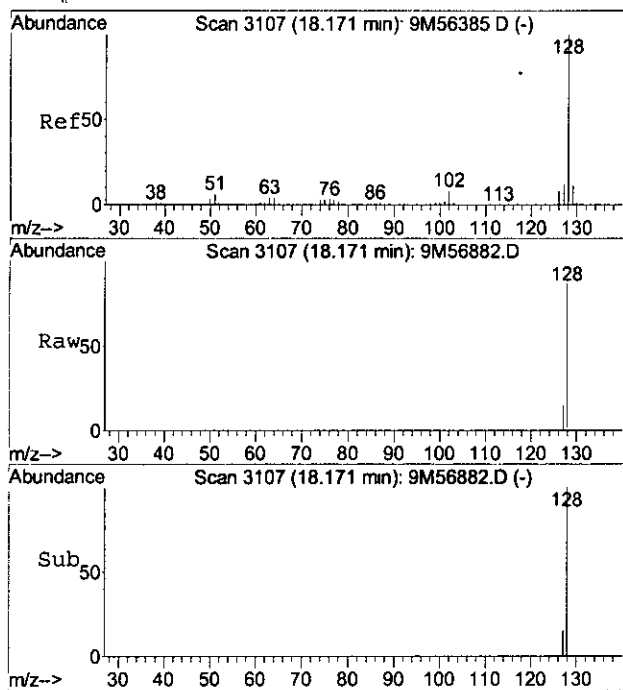


#15
Tert-Butyl Alcohol
Concen: 0.47 ug/kg
RT: 4.27 min Scan# 503
Delta R.T. 0.02 min
Lab File: 9M56882.D
Acq: 19 Sep 2007 9:56

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
41 0.0 6.4 14.8#
57 0.0 7.8 18.2#

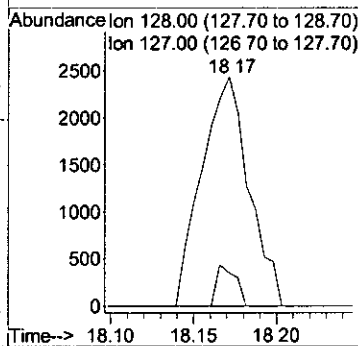


9511427



#97
Naphthalene
Concen: 0.62 ug/kg
RT: 18.17 min Scan# 3107
Delta R.T. -0.00 min
Lab File: 9M56882.D
Acq: 19 Sep 2007 9:56

Tgt Ion: 128 Resp: 4833
Ion Ratio Lower Upper
128 100
127 7.3 7.4 17.4#



Data File : C:\MSDCHEM\1\DATA\092607\8M339933.D

Vial: 3

Acq On : 26 Sep 2007 6:53

Operator: CMS

Sample : WG251027-01 VBLK0926 BLANK 8260

Inst : HPMS8

Misc : 1,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 07:26:06 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.71	96	718389	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	559944	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.60	152	307955	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	147104	24.4380	ug/L	0.00
Spiked Amount	25.000	Range 86 - 118	Recovery	=	97.76%	
42) 1,2-Dichloroethane-d4	10.30	65	132573	23.4389	ug/L	0.00
Spiked Amount	25.000	Range 80 - 120	Recovery	=	93.76%	
56) Toluene-d8	12.70	98	544842	25.7786	ug/L	0.00
Spiked Amount	25.000	Range 88 - 110	Recovery	=	103.12%	
77) p-Bromofluorobenzene	16.08	95	230980	23.8352	ug/L	0.00
Spiked Amount	25.000	Range 86 - 115	Recovery	=	95.36%	

Target Compounds

					Qvalue
3) Chloromethane	3.60	50	871	0.1465	ug/L # 43
9) Diethyl ether	5.92	59	1420	0.3640	ug/L # 72
24) n-Hexane	7.83	57	1529	0.1818	ug/L # 71
54) Dimethyl Disulfide	12.70	94	14895	1.4513	ug/L # 27
92) n-Butylbenzene	17.85	91	3843	0.1584	ug/L # 85
95) 1,2,4-Trichlorobenzene	20.27	180	1700	0.1832	ug/L # 85
96) Hexachlorobutadiene	20.42	225	1205	0.3868	ug/L # 64
97) Naphthalene	20.63	128	3842	0.2529	ug/L # 68
98) 1,2,3-Trichlorobenzene	20.94	180	1840	0.2721	ug/L # 81

(#) = qualifier out of range (m) = manual integration
 8M339933.D 8260WT.M Wed Sep 26 07:26:09 2007

9511429

Quantitation Report

(Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\092607\8M339933.D

Vial: 3

Acq On : 26 Sep 2007 6:53

Operator: CMS

Sample : WG251027-01 VBLK0926 BLANK 8260

Inst : HPMS8

Misc : 1,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 7:26 2007

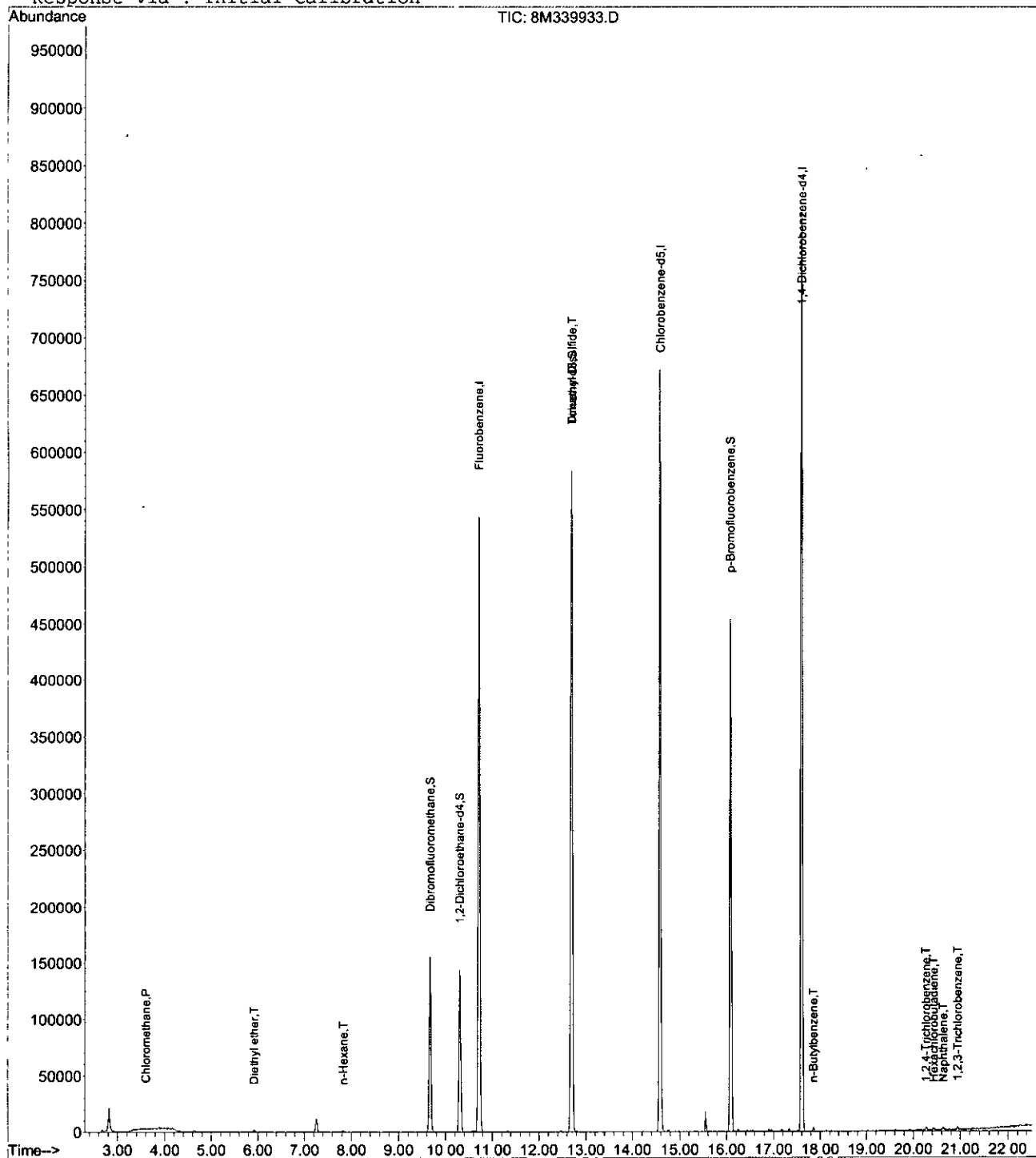
Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

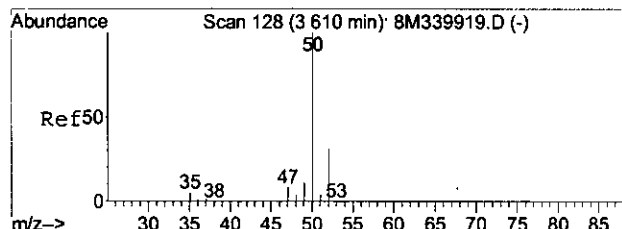
Response via : Initial Calibration



8M339933.D 8260WT.M

Wed Sep 26 07:26:09 2007

Page 2



#3

Chloromethane.

Concen: 0.15 ug/L

RT: 3.60 min Scan# 127

Delta R.T. -0.01 min

Lab File: 8M339933.D

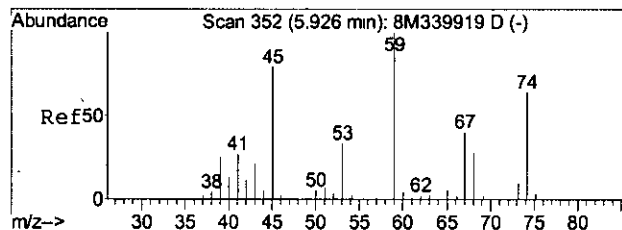
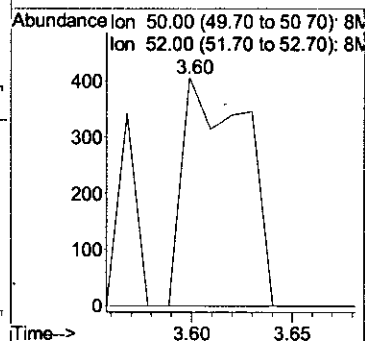
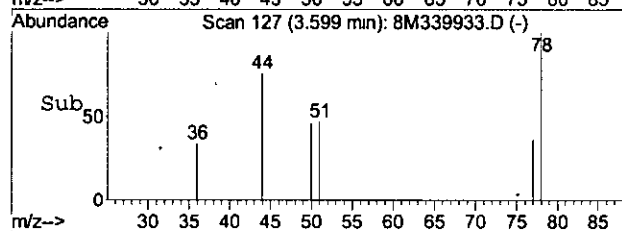
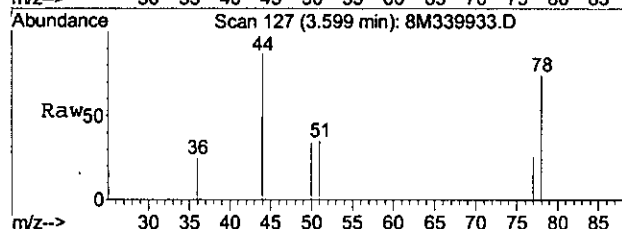
Acq: 26 Sep 2007 6:53

Tgt Ion: 50 Resp: 871

Ion Ratio Lower Upper

50 100

52 0.0 19.3 44.9#



#9

Diethyl ether

Concen: 0.36 ug/L

RT: 5.92 min Scan# 351

Delta R.T. -0.01 min

Lab File: 8M339933.D

Acq: 26 Sep 2007 6:53

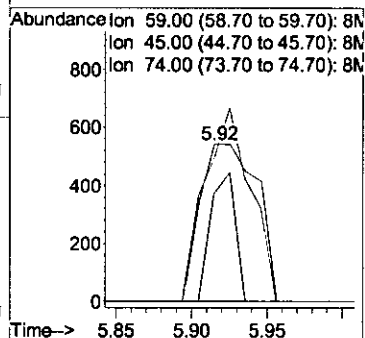
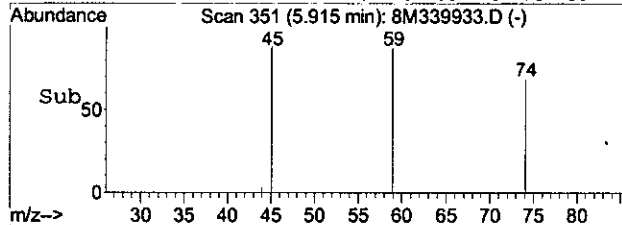
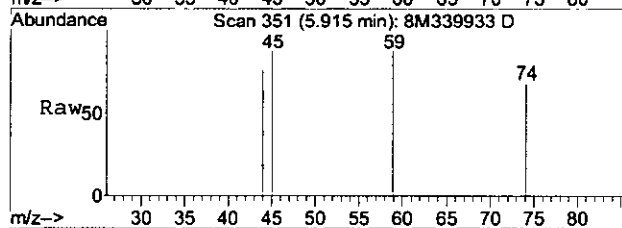
Tgt Ion: 59 Resp: 1420

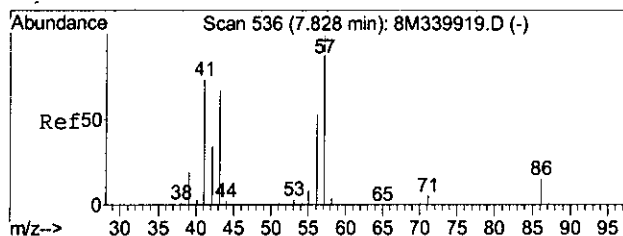
Ion Ratio Lower Upper

59 100

45 98.9 48.0 112.0

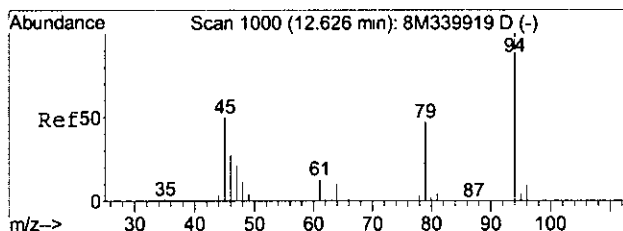
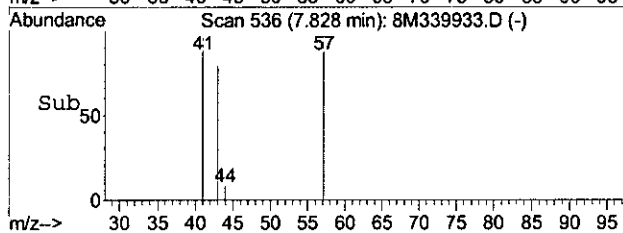
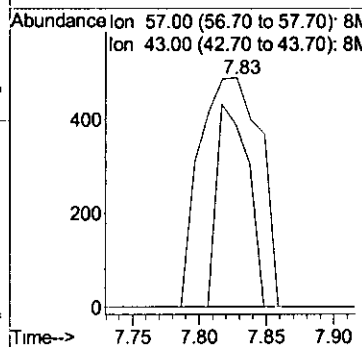
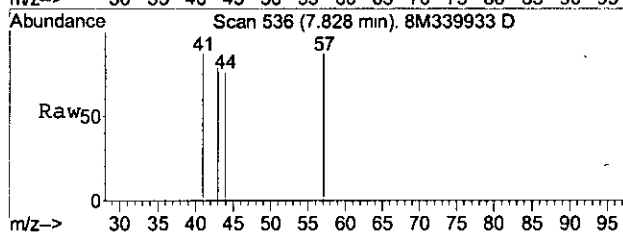
74 35.7 39.0 91.0#





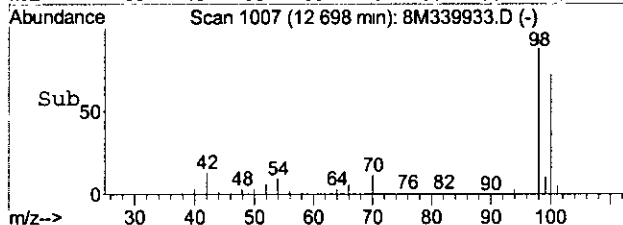
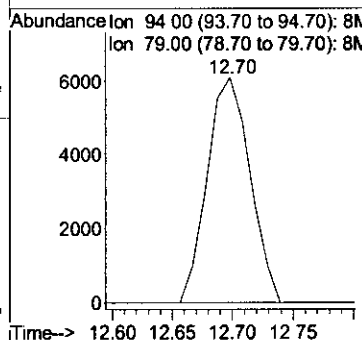
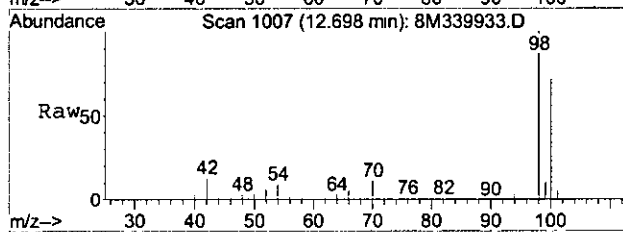
#24
n-Hexane
Concen: 0.18 ug/L
RT: 7.83 min Scan# 536
Delta R.T. 0.00 min
Lab File: 8M339933.D
Acq: 26 Sep 2007 6:53

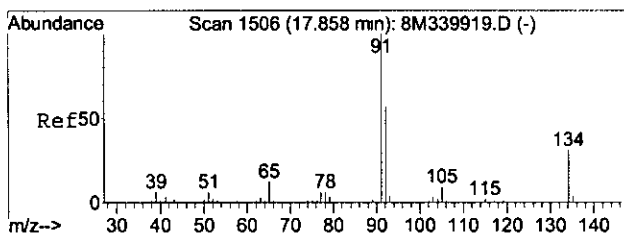
Tgt Ion: 57 Resp: 1529
Ion Ratio Lower Upper
57 100
43 45.6 41.5 96.9



#54
Dimethyl Disulfide
Concen: 1.45 ug/L
RT: 12.70 min Scan# 1007
Delta R.T. 0.06 min
Lab File: 8M339933.D
Acq: 26 Sep 2007 6:53

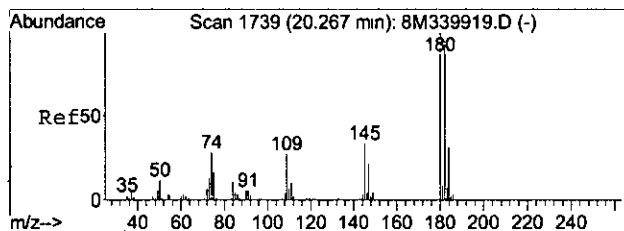
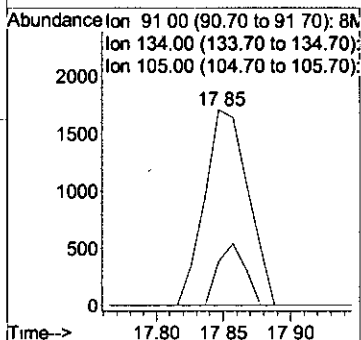
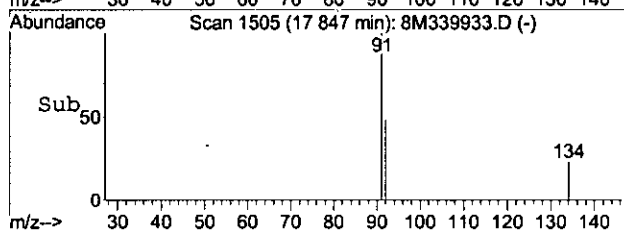
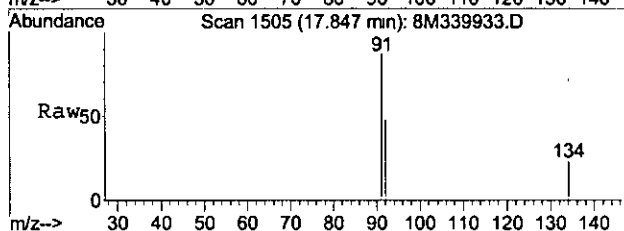
Tgt Ion: 94 Resp: 14895
Ion Ratio Lower Upper
94 100
79 0.0 30.7 71.5#





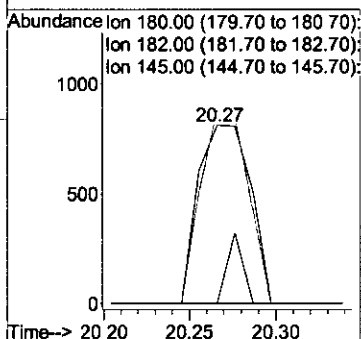
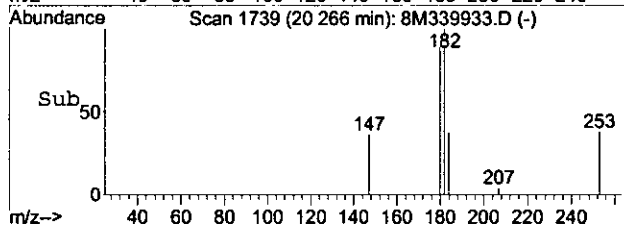
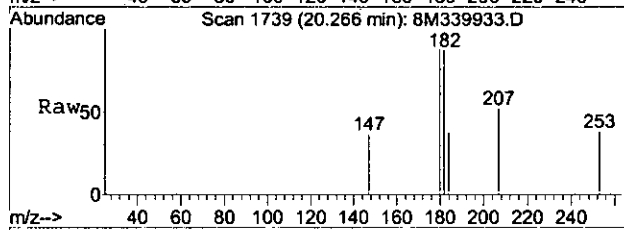
#92
n-Butylbenzene
Concen: 0.16 ug/L
RT: 17.85 min Scan# 1505
Delta R.T. -0.01 min
Lab File: 8M339933.D
Acq: 26 Sep 2007 6:53

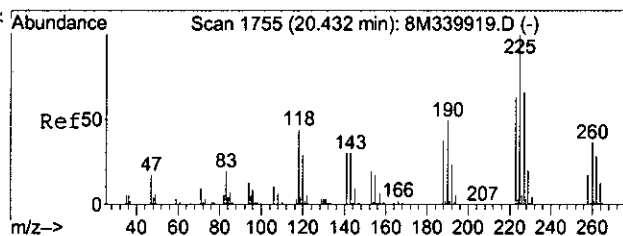
Tgt Ion: 91 Resp: 3843
Ion Ratio Lower Upper
91 100
134 20.0 16.0 37.4
105 0.0 5.0 11.6#



#95
1,2,4-Trichlorobenzene
Concen: 0.18 ug/L
RT: 20.27 min Scan# 1739
Delta R.T. -0.01 min
Lab File: 8M339933.D
Acq: 26 Sep 2007 6:53

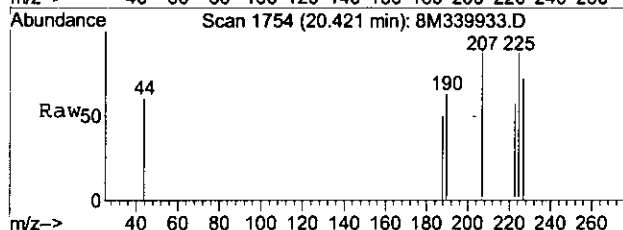
Tgt Ion: 180 Resp: 1700
Ion Ratio Lower Upper
180 100
182 97.6 57.1 133.1
145 0.0 18.2 42.6#





#96
Hexachlorobutadiene
Concen: 0.39 ug/L
RT: 20.42 min Scan# 1754
Delta R.T. -0.01 min
Lab File: 8M339933.D
Acq: 26 Sep 2007 6:53

Tgt Ion: 225 Resp: 1205
Ion Ratio Lower Upper
225 100
227 62.5 33.5 78.3
190 0.0 27.0 63.0#

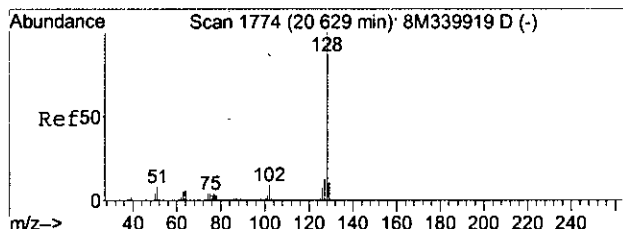
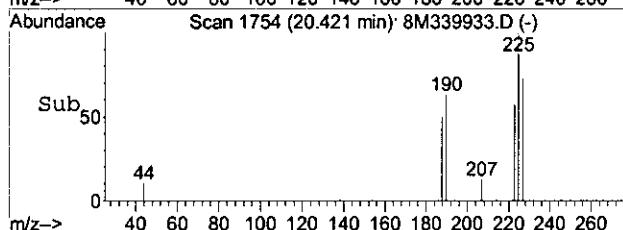
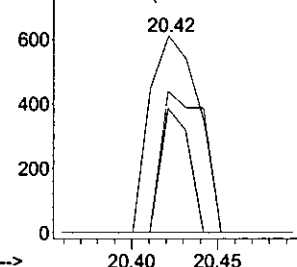


Abundance

Ion 225.00 (224.70 to 225.70):

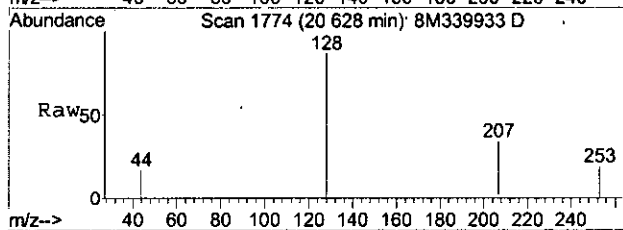
Ion 227.00 (226.70 to 227.70):

Ion 190.00 (189.70 to 190.70):



#97
Naphthalene
Concen: 0.25 ug/L
RT: 20.63 min Scan# 1774
Delta R.T. -0.01 min
Lab File: 8M339933.D
Acq: 26 Sep 2007 6:53

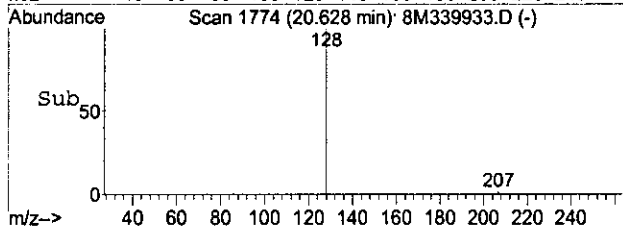
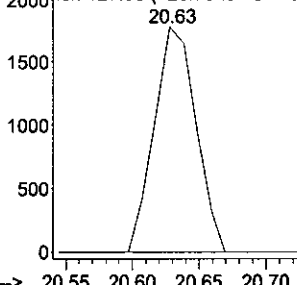
Tgt Ion: 128 Resp: 3842
Ion Ratio Lower Upper
128 100
127 0.0 7.4 17.4#

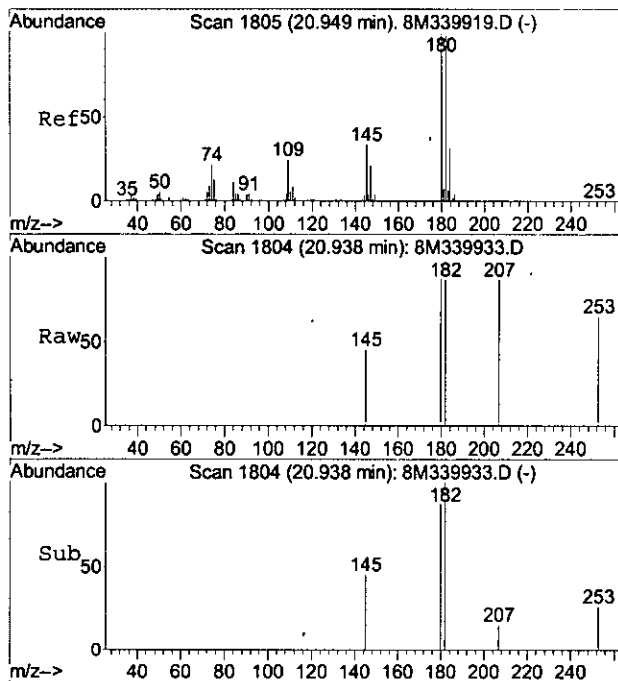


Abundance

Ion 128.00 (127.70 to 128.70):

Ion 127.00 (126.70 to 127.70):

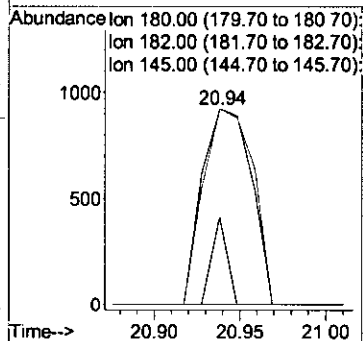




#98
 1,2,3-Trichlorobenzene
 Concen: 0.27 ug/L
 RT: 20.94 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: 8M339933.D
 Acq: 26 Sep 2007 6:53

9511434

Tgt Ion:180 Resp: 1840
 Ion Ratio Lower Upper
 180 100
 182 100.8 57.3 133.7
 145 0.0 19.3 45.1#



Data File : C:\MSDCHEM\1\data\091907\9M56883.D

Vial: 4

Acq On : 19 Sep 2007 10:27

Operator: MES

Sample : WG250439-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD 21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 10:49:50 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 : 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	431991	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	370454	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	214744	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	129190	54.3809	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	=	108.76%	
42) 1,2-Dichloroethane-d4	7.99	65	124673	48.2911	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	=	96.58%	
56) Toluene-d8	10.40	98	446465	52.8181	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery	=	105.64%	
77) p-Bromofluorobenzene	13.75	95	170954	49.0025	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery	=	98.00%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.76	85	73728	25.2993	ug/kg	96
3) Chloromethane	2.03	50	46132	18.7024	ug/kg	98
4) Vinyl Chloride	2.14	62	40863	23.0697	ug/kg	100
5) 1,3-Butadiene	2.17	54	19689	18.6647	ug/kg	94
6) Bromomethane	2.67	94	33321	25.8382	ug/kg	99
7) Chloroethane	2.78	64	30853	21.6579	ug/kg	99
8) Trichlorofluoromethane	3.12	101	82171	18.3148	ug/kg	100
9) Diethyl ether	3.56	59	177751	107.0233	ug/kg	93
10) Isoprene	3.57	67	68386	21.0867	ug/kg	94
11) Acrolein	3.76	56	22839	129.9687	ug/kg	96
12) 1,1,2-Trichloro-1,2,2-Trif	3.78	101	30041	12.7715	ug/kg#	21
13) Acetone	3.88	43	14198	17.7660	ug/kg	91
14) 1,1-Dichloroethene	4.05	96	50211	23.5109	ug/kg	89
15) Tert-Butyl Alcohol	4.25	59	43661	195.0113	ug/kg#	86
16) Dimethyl Sulfide	4.31	62	47031	17.6987	ug/kg	93
17) Iodomethane	4.53	142	52934	17.1987	ug/kg	98
18) Methyl acetate	4.64	43	31628	19.7476	ug/kg#	76
19) Methylene Chloride	4.83	84	50767	20.8121	ug/kg	85
20) Carbon Disulfide	4.81	76	125390	17.4081	ug/kg	100
21) Acrylonitrile	5.06	53	14234	19.3214	ug/kg	98
22) Methyl Tert Butyl Ether	5.12	73	128938	21.6918	ug/kg	97
23) trans-1,2-Dichloroethene	5.31	96	54408	22.3153	ug/kg	89
24) n-Hexane	5.45	57	72457	17.1033	ug/kg	98
25) Diisopropyl ether	5.84	45	647219	89.4624	ug/kg	97
26) Vinyl Acetate	5.99	43	88314	18.8102	ug/kg	96
27) 1,1-Dichloroethane	5.95	63	87007	19.9342	ug/kg	99
28) Ethyl-Tert-Butyl ether	6.43	59	657780	99.6360	ug/kg	97
29) 2-Butanone	6.61	43	20083	20.0157	ug/kg	96
30) Propionitrile	6.69	54	24050	97.4378	ug/kg	96
31) 2,2-Dichloropropane	6.76	77	80254	21.6181	ug/kg	97
32) cis-1,2-Dichloroethene	6.82	96	57208	23.1037	ug/kg	90
33) Chloroform	7.04	83	90092	21.3428	ug/kg	99
34) Bromochloromethane	7.26	128	28450	23.5124	ug/kg	85
35) Tetrahydrofuran	7.33	42	51391	88.2239	ug/kg	90
37) 1,1,1-Trichloroethane	7.58	97	89829	22.2659	ug/kg	95
38) Cyclohexane	7.60	56	84030	18.2102	ug/kg	92
39) 1,1-Dichloropropene	7.79	75	71272	22.0436	ug/kg	96
40) Carbon Tetrachloride	7.91	117	83730	24.1698	ug/kg	98
41) Tert-Amyl-Methyl ether	7.96	73	551164	104.7388	ug/kg	96
43) 1,2-Dichloroethane	8.11	62	66227	20.4285	ug/kg	95

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

9M56883.D 826_SLST.M Wed Sep 19 10:49:52 2007

Data File : C:\MSDCHEM\1\data\091907\9M56883.D

Vial: 4

Acq On : 19 Sep 2007 10:27

Operator: MES

Sample : WG250439-02 20ug/Kg LCS 8260

Inst : HPMS9

Misc : 7,1 STD 21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 10:49:50 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 : 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	196044	21.8753	ug/kg	99
45) Trichloroethene	8.91	130	68511	24.7852	ug/kg	98
46) Methylcyclohexane	9.00	83	86862	21.0945	ug/kg	93
47) 1,2-Dichloropropane	9.13	63	45599	21.5757	ug/kg	97
48) Bromodichloromethane	9.42	83	65429	23.3504	ug/kg	99
49) 1,4-Dioxane	9.47	88	1356	108.2223	ug/kg#	26
50) Dibromomethane	9.48	93	29344	22.5628	ug/kg	94
51) 2-Chloroethyl Vinyl Ether	9.81	63	12546	15.2018	ug/kg	95
52) 4-Methyl-2-Pentanone	9.85	58	15961	21.4331	ug/kg	94
53) cis-1,3-Dichloropropene	10.10	75	74360	22.7279	ug/kg	97
54) Dimethyl Disulfide	10.31	79	33201	19.3470	ug/kg	94
57) Toluene	10.50	91	225734	22.3212	ug/kg	100
58) Ethyl Methacrylate	10.71	69	50782	21.1436	ug/kg	99
59) trans-1,3-Dichloropropene	10.72	75	66342	20.6257	ug/kg	96
60) 1,1,2-Trichloroethane	10.91	97	44002	23.7719	ug/kg	98
61) 2-Hexanone	10.92	43	27407	18.6846	ug/kg	82
62) 1,3-Dichloropropane	11.21	76	69947	22.2212	ug/kg	88
63) Tetrachloroethene	11.30	164	52132	23.5642	ug/kg	96
64) Dibromochloromethane	11.54	129	57628	25.3490	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	45576	24.0645	ug/kg	100
66) 1-Chlorohexane	11.99	91	72409	22.2203	ug/kg	89
67) Chlorobenzene	12.31	112	160864	22.5746	ug/kg	99
68) 1,1,1,2-Tetrachloroethane	12.35	131	60038	25.0581	ug/kg	99
69) Ethylbenzene	12.37	106	86386	23.6591	ug/kg	95
70) m-,p-Xylene	12.46	106	210648	47.9225	ug/kg	96
71) o-Xylene	13.00	106	98620	24.1888	ug/kg	96
72) Styrene	13.04	104	166530	25.6144	ug/kg	95
73) Bromoform	13.46	173	35901	26.7435	ug/kg	99
74) Isopropylbenzene	13.44	105	236695	22.1412	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	49017	23.1910	ug/kg	100
78) 1,2,3-Trichloropropane	13.83	110	18995	23.9890	ug/kg	92
79) trans-1,4-Dichloro-2-Butene	13.91	53	14261	15.7000	ug/kg	94
80) n-Propylbenzene	13.94	91	305916	21.7069	ug/kg	97
81) Bromobenzene	14.00	156	73917	23.9045	ug/kg	89
82) 1,3,5-Trimethylbenzene	14.14	105	223348	23.4290	ug/kg	98
83) 2-Chlorotoluene	14.16	91	211683	21.8303	ug/kg	96
84) 4-Chlorotoluene	14.22	91	184601	21.0847	ug/kg	96
85) a-Methylstyrene	14.53	118	117555	20.5663	ug/kg	99
86) tert-Butylbenzene	14.58	134	52300	23.8533	ug/kg	93
87) 1,2,4-Trimethylbenzene	14.63	105	236056	23.3836	ug/kg	99
88) sec-Butylbenzene	14.85	105	290064	22.6622	ug/kg	96
89) p-Isopropyltoluene	15.02	119	256066	23.0431	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	138340	23.1134	ug/kg	96
91) 1,4-Dichlorobenzene	15.27	146	140651	22.6422	ug/kg	97
92) n-Butylbenzene	15.53	91	222927	22.4904	ug/kg	97
93) 1,2-Dichlorobenzene	15.74	146	128972	23.5901	ug/kg	97
94) 1,2-Dibromo-3-Chloropropan	16.72	157	13156	26.1139	ug/kg	90
95) 1,2,4-Trichlorobenzene	17.84	180	91357	25.0506	ug/kg	98
96) Hexachlorobutadiene	18.02	225	45290	23.7596	ug/kg	97
97) Naphthalene	18.17	128	216460	26.8200	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	84801	25.2467	ug/kg	99

(#) = qualifier out of range (m) = manual integration
9M56883.D 826_SLST.M Wed Sep 19 10:49:52 2007

Vial: 4

Operator: MES

Inst : HPMS9

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 10:49 2007

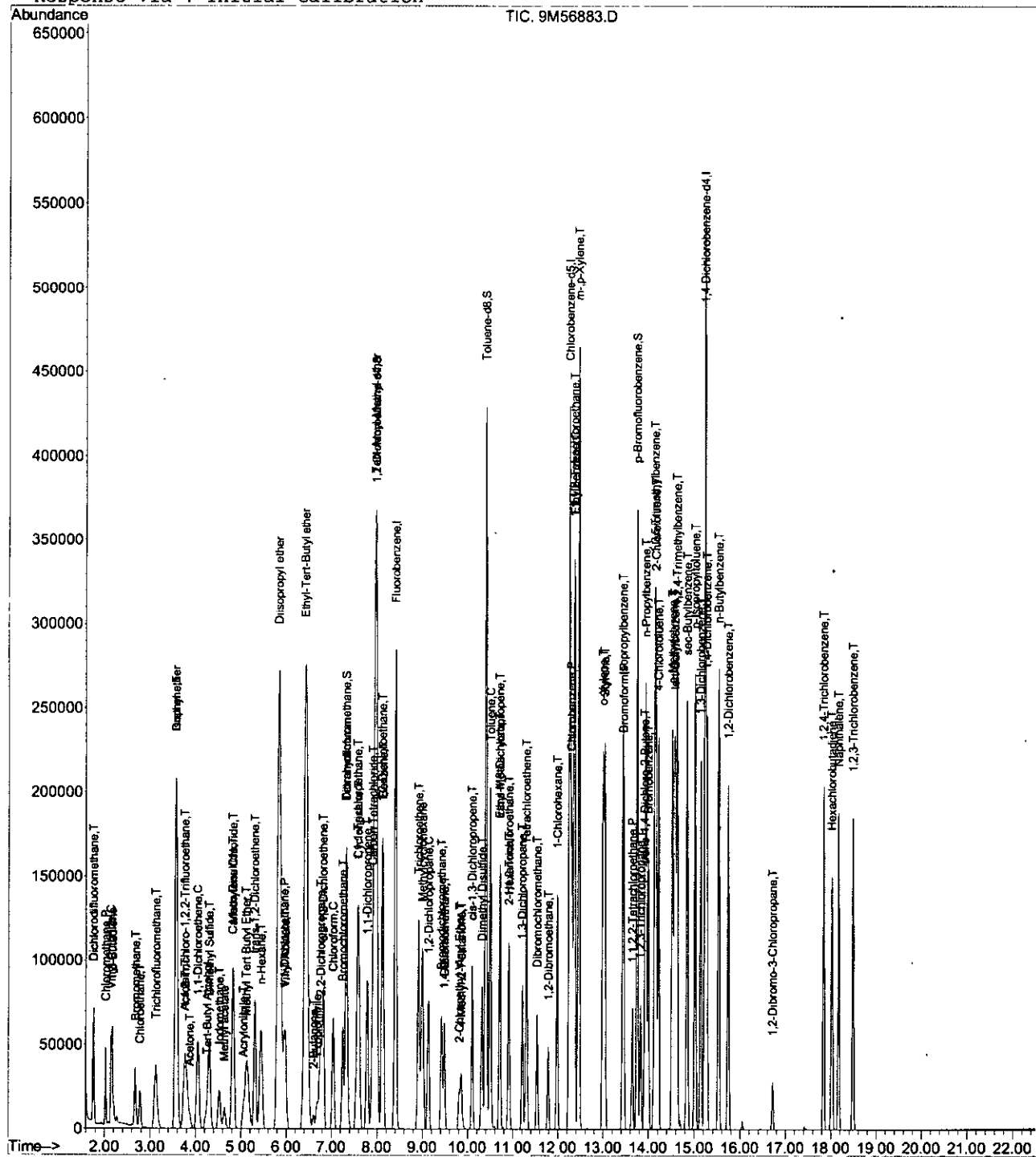
Quant Results File: 826 SLST.RES

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



Wed Sep 19 10:49:53 2007

Page 3

Data File : C:\MSDCHEM\1\DATA\092607\8M339934.D

Vial: 4

Acq On : 26 Sep 2007 7:22

Operator: CMS

Sample : WG251027-02 20ug/L LCS STD 8260

Inst : HPMS8

Misc : 1,1 STD21934

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 07:45:05 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	714783	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	565321	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	310759	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	146975	24.5397	ug/L	0.00
Spiked Amount	25.000	Range	86 - 118	Recovery	=	98.16%
42) 1,2-Dichloroethane-d4	10.31	65	131634	23.3903	ug/L	0.00
Spiked Amount	25.000	Range	80 - 120	Recovery	=	93.56%
56) Toluene-d8	12.70	98	553094	25.9201	ug/L	0.00
Spiked Amount	25.000	Range	88 - 110	Recovery	=	103.68%
77) p-Bromofluorobenzene	16.09	95	237181	24.2542	ug/L	0.00
Spiked Amount	25.000	Range	86 - 115	Recovery	=	97.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	206770	27.4047	ug/L	97
3) Chloromethane	3.61	50	126961	21.4608	ug/L	98
4) Vinyl Chloride	3.83	62	73355	21.8855	ug/L	99
5) 1,3-Butadiene	3.88	54	38561	16.9030	ug/L	82
6) Bromomethane	4.73	94	107744	25.9621	ug/L	100
7) Chloroethane	4.90	64	117917	23.4463	ug/L	99
8) Trichlorofluoromethane	5.40	101	203606	19.9148	ug/L	99
9) Diethyl ether	5.92	59	474308	122.1989	ug/L	99
10) Isoprene	5.96	67	182172	21.5830	ug/L	94
11) Acrolein	6.14	56	56842	135.7479	ug/L	97
12) 1,1,2-Trichloro-1,2,2-Trif	6.18	101	129812	23.3054	ug/L	97
13) Acetone	6.24	43	22939	22.5711	ug/L	98
14) 1,1-Dichloroethene	6.48	61	230789	23.7390	ug/L	97
15) Tert-Butyl Alcohol	6.59	59	52507	220.9734	ug/L	95
16) Dimethyl Sulfide	6.74	62	155995	18.6275	ug/L	98
17) Iodomethane	6.99	142	120100	13.4438	ug/L	86
18) Methyl acetate	7.00	43	64442	18.0574	ug/L	95
19) Methylene Chloride	7.26	84	140295	21.2881	ug/L	91
20) Carbon Disulfide	7.30	76	362042	19.8515	ug/L	99
21) Acrylonitrile	7.42	53	30274	21.3208	ug/L	96
22) Methyl Tert Butyl Ether	7.48	73	257752	22.1871	ug/L	94
23) trans-1,2-Dichloroethene	7.72	61	216188	21.9962	ug/L	97
24) n-Hexane	7.83	57	182285	21.7811	ug/L	96
25) Diisopropyl ether	8.16	45	2304958	112.0950	ug/L	94
26) Vinyl Acetate	8.30	43	210229	38.5935	ug/L	98
27) 1,1-Dichloroethane	8.33	63	265605	21.7471	ug/L	98
28) Ethyl-Tert-Butyl ether	8.72	59	1872930	112.3898	ug/L	96
29) 2-Butanone	8.88	43	34456	22.1832	ug/L	98
30) Propionitrile	8.97	54	50643	108.5485	ug/L #	72
31) 2,2-Dichloropropane	9.12	77	217555	23.3032	ug/L	98
32) cis-1,2-Dichloroethene	9.17	96	157184	22.5212	ug/L	96
33) Chloroform	9.38	83	237806	21.5079	ug/L	99
34) Bromochloromethane	9.60	130	85432	22.3403	ug/L	98
35) Tetrahydrofuran	9.63	42	102368	108.5088	ug/L	96
37) 1,1,1-Trichloroethane	9.92	97	221224	23.3695	ug/L	96
38) Cyclohexane	9.97	56	243994	21.3584	ug/L	98
39) 1,1-Dichloropropene	10.12	75	190054	22.7232	ug/L	98
40) Tert-Amyl-Methyl ether	10.23	73	1296120	113.2826	ug/L #	74
41) Carbon Tetrachloride	10.27	117	190153	23.5464	ug/L	99
43) 1,2-Dichloroethane	10.42	62	163786	21.7037	ug/L	99

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

8M339934.D 8260WT.M Wed Sep 26 07:46:28 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\092607\8M339934.D

Vial: 4

Acq On : 26 Sep 2007 7:22

Operator: CMS

Sample : WG251027-02 20ug/L LCS STD 8260

Inst : HPMS8

Misc : 1,1 STD21934

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 07:45:05 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.47	78	547279	20.8022	ug/L	93
45) Trichloroethene	11.23	130	160875	22.9944	ug/L	97
46) Methylcyclohexane	11.33	83	201013	22.5807	ug/L	89
47) 1,2-Dichloropropane	11.43	63	142033	21.7188	ug/L	92
48) Bromodichloromethane	11.73	83	172311	23.2725	ug/L	98
49) 1,4-Dioxane	11.72	88	5255	190.8726	ug/L	76
50) Dibromomethane	11.81	93	64842	22.4978	ug/L	91
51) 2-Chloroethyl Vinyl Ether	12.02	63	57289	20.8286	ug/L	99
52) 4-Methyl-2-Pentanone	12.06	58	27055	20.8985	ug/L	96
53) cis-1,3-Dichloropropene	12.36	75	208165	22.1963	ug/L	98
54) Dimethyl Disulfide	12.62	94	228035	22.3303	ug/L	94
57) Toluene	12.80	91	614335	22.3393	ug/L	98
58) Ethyl Methacrylate	12.89	69	108881	22.3620	ug/L	96
59) trans-1,3-Dichloropropene	12.96	75	161736	20.8526	ug/L	99
60) 1,1,2-Trichloroethane	13.18	97	93638	22.3010	ug/L	96
61) 2-Hexanone	13.12	58	25269	20.8916	ug/L #	38
62) 1,3-Dichloropropane	13.48	76	163236	22.1802	ug/L	96
63) Tetrachloroethene	13.63	164	129920	23.8096	ug/L	96
64) Dibromochloromethane	13.86	129	119295	23.4618	ug/L	100
65) 1,2-Dibromoethane	14.12	107	95137	22.9112	ug/L	100
66) 1-Chlorohexane	14.23	91	205571	23.3158	ug/L	98
67) Chlorobenzene	14.64	112	425853	21.3420	ug/L	95
68) 1,1,1,2-Tetrachloroethane	14.67	131	143207	23.8803	ug/L	99
69) Ethylbenzene	14.67	106	227534	23.1897	ug/L	95
70) m-,p-Xylene	14.75	106	556126	43.7476	ug/L	95
71) o-Xylene	15.32	106	282369	22.4200	ug/L	95
72) Styrene	15.35	104	467820	22.9418	ug/L	97
73) Bromoform	15.84	173	63713	22.4494	ug/L	98
74) Isopropylbenzene	15.75	105	624743	21.2524	ug/L	97
76) 1,1,2,2-Tetrachloroethane	15.95	83	96389	22.4299	ug/L	99
78) 1,2,3-Trichloropropane	16.14	110	29761	22.2197	ug/L #	1
79) trans-1,4-Dichloro-2-Buten	16.18	53	29009	19.4818	ug/L #	1
80) n-Propylbenzene	16.25	91	837365	22.6140	ug/L	95
81) Bromobenzene	16.38	156	183407	21.7672	ug/L	97
82) 1,3,5-Trimethylbenzene	16.44	105	593830	22.4544	ug/L	94
83) 2-Chlorotoluene	16.52	91	559756	22.0863	ug/L	96
84) 4-Chlorotoluene	16.56	91	505244	21.4542	ug/L	94
85) a-Methylstyrene	16.83	118	342459	21.8061	ug/L	98
86) tert-Butylbenzene	16.90	134	136640	22.6994	ug/L	87
87) 1,2,4-Trimethylbenzene	16.95	105	632792	23.0450	ug/L	83
88) sec-Butylbenzene	17.17	105	711278	22.6398	ug/L	94
89) p-Isopropyltoluene	17.33	119	625778	22.2160	ug/L	96
90) 1,3-Dichlorobenzene	17.51	146	362692	21.3555	ug/L	100
91) 1,4-Dichlorobenzene	17.65	146	360416	21.2638	ug/L	98
92) n-Butylbenzene	17.85	91	554548	22.6443	ug/L	94
93) 1,2-Dichlorobenzene	18.13	146	322328	21.5567	ug/L	100
94) 1,2-Dibromo-3-Chloropropan	19.12	75	16124	22.0575	ug/L #	57
95) 1,2,4-Trichlorobenzene	20.27	180	208853	22.3022	ug/L	99
96) Hexachlorobutadiene	20.43	225	74428	23.6737	ug/L	90
97) Naphthalene	20.64	128	339972	22.1795	ug/L	100
98) 1,2,3-Trichlorobenzene	20.95	180	151639	22.2216	ug/L	98

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

8M339934.D 8260WT.M Wed Sep 26 07:46:30 2007

Page 2

Data File : C:\MSDCHEM\1\DATA\092607\8M339934.D

Vial: 4

Acq On : 26 Sep 2007 7:22

Operator: CMS

Sample : WG251027-02 20ug/L LCS STD 8260

Inst : HPMS8

Misc : 1,1 STD21934

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 7:45 2007

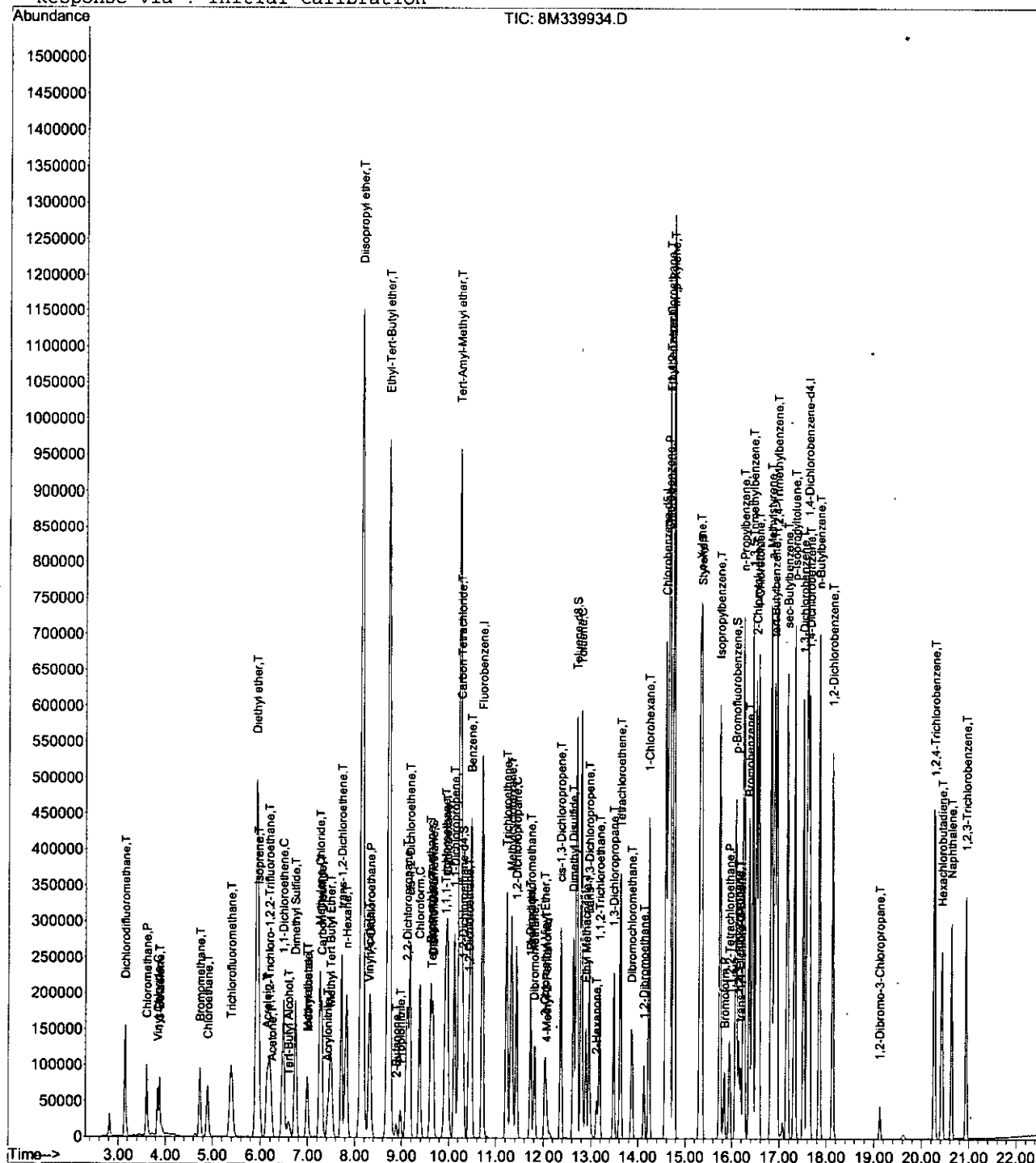
Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration



8M339934.D 8260WT.M

Wed Sep 26 07:46:31 2007

Page 3

Data File : C:\MSDCHEM\1\data\091907\9M56884.D

Vial: 5

Acq On : 19 Sep 2007 10:58

Operator: MES

Sample : WG250439-03 20ug/Kg LCSDUP 8260

Inst : HPMS9

Misc : 7,1 STD 21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 11:20:51 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	435150	50.00	ug/kg	0.00
55) Chlorobenzene-d5	12.26	117	370384	50.00	ug/kg	0.00
75) 1,4-Dichlorobenzene-d4	15.24	152	212174	50.00	ug/kg	0.00

System Monitoring Compounds

36) Dibromofluoromethane	7.33	111	126847	53.0070	ug/kg	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.02%	
42) 1,2-Dichloroethane-d4	7.99	65	118274	45.4799	ug/kg	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.96%	
56) Toluene-d8	10.40	98	438526	51.8887	ug/kg	0.00
Spiked Amount 50.000	Range 81	- 117	Recovery	=	103.78%	
77) p-Bromofluorobenzene	13.75	95	163402	47.4051	ug/kg	0.00
Spiked Amount 50.000	Range 74	- 121	Recovery	=	94.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.77	85	71289	24.2848	ug/kg	96
3) Chloromethane	2.02	50	45572	18.3413	ug/kg	99
4) Vinyl Chloride	2.14	62	39748	22.2773	ug/kg	97
6) Bromomethane	2.68	94	32017	24.6468	ug/kg	98
7) Chloroethane	2.78	64	28441	19.8198	ug/kg	100
8) Trichlorofluoromethane	3.13	101	79890	17.6771	ug/kg	99
9) Diethyl ether	3.57	59	171240	102.3545	ug/kg	94
10) Isoprene	3.58	67	64698	19.8047	ug/kg	92
11) Acrolein	3.76	56	21521	121.5793	ug/kg	99
12) 1,1,2-Trichloro-1,2,2-Trif	3.80	101	51823	21.8718	ug/kg	95
13) Acetone	3.88	43	12676	15.2423	ug/kg	99
14) 1,1-Dichloroethene	4.05	96	48876	22.7196	ug/kg	89
15) Tert-Butyl Alcohol	4.25	59	43666	193.6178	ug/kg#	78
16) Dimethyl Sulfide	4.31	62	46849	17.5022	ug/kg	90
17) Iodomethane	4.52	142	52573	16.9574	ug/kg	96
18) Methyl acetate	4.64	43	28173	17.4627	ug/kg#	77
19) Methylene Chloride	4.84	84	48835	19.8164	ug/kg	83
20) Carbon Disulfide	4.82	76	126619	17.4511	ug/kg	99
21) Acrylonitrile	5.05	53	13331	17.9643	ug/kg	94
22) Methyl Tert Butyl Ether	5.13	73	122009	20.3771	ug/kg	95
23) trans-1,2-Dichloroethene	5.31	96	52933	21.5527	ug/kg	89
24) n-Hexane	5.44	57	71468	16.7474	ug/kg	98
25) Diisopropyl ether	5.84	45	636369	87.3241	ug/kg	97
26) Vinyl Acetate	5.99	43	83533	17.6627	ug/kg	97
27) 1,1-Dichloroethane	5.96	63	84050	19.1169	ug/kg	98
28) Ethyl-Tert-Butyl ether	6.43	59	638181	95.9655	ug/kg	96
29) 2-Butanone	6.61	43	18649	18.4515	ug/kg	96
30) Propionitrile	6.68	54	22494	90.4721	ug/kg	97
31) 2,2-Dichloropropane	6.77	77	76889	20.5613	ug/kg	98
32) cis-1,2-Dichloroethene	6.82	96	56375	22.6020	ug/kg	86
33) Chloroform	7.04	83	86009	20.2276	ug/kg	98
34) Bromochloromethane	7.25	128	27191	22.3088	ug/kg	87
35) Tetrahydrofuran	7.34	42	47275	80.5687	ug/kg	89
37) 1,1,1-Trichloroethane	7.58	97	87469	21.5235	ug/kg	94
38) Cyclohexane	7.60	56	83662	17.9988	ug/kg	92
39) 1,1-Dichloropropene	7.79	75	68586	21.0589	ug/kg	95
40) Carbon Tetrachloride	7.91	117	80926	23.1908	ug/kg	100
41) Tert-Amyl-Methyl ether	7.96	73	530250	100.0330	ug/kg	96
43) 1,2-Dichloroethane	8.11	62	62725	19.2078	ug/kg	97
44) Benzene	8.13	78	190107	21.0588	ug/kg	99

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

9M56884.D 826_SLST.M Wed Sep 19 11:20:53 2007

Page 1

Data File : C:\MSDCHEM\1\data\091907\9M56884.D

Vial: 5

Acq On : 19 Sep 2007 10:58

Operator: MES

Sample : WG250439-03 20ug/Kg LCSDUP 8260

Inst : HPMS9

Misc : 7,1 STD 21763

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 19 11:20:51 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	66062	23.7257	ug/kg	96
46) Methylcyclohexane	9.00	83	86822	20.9317	ug/kg	93
47) 1,2-Dichloropropane	9.14	63	43370	20.3721	ug/kg	99
48) Bromodichloromethane	9.42	83	60386	21.3942	ug/kg	100
49) 1,4-Dioxane	9.48	88	3170	205.3654	ug/kg	97
50) Dibromomethane	9.48	93	27230	20.7853	ug/kg	94
51) 2-Chloroethyl Vinyl Ether	9.81	63	11619	13.9764	ug/kg	96
52) 4-Methyl-2-Pentanone	9.85	58	15132	20.1724	ug/kg	94
53) cis-1,3-Dichloropropene	10.10	75	68975	20.9290	ug/kg	97
54) Dimethyl Disulfide	10.31	79	32467	18.8443	ug/kg	97
57) Toluene	10.50	91	213676	21.1329	ug/kg	99
58) Ethyl Methacrylate	10.71	69	49625	20.6658	ug/kg	98
59) trans-1,3-Dichloropropene	10.72	75	60830	18.9156	ug/kg	96
60) 1,1,2-Trichloroethane	10.91	97	40043	21.6372	ug/kg	97
61) 2-Hexanone	10.92	43	27080	18.4652	ug/kg	86
62) 1,3-Dichloropropane	11.21	76	62580	19.8846	ug/kg	90
63) Tetrachloroethene	11.30	164	50278	22.7305	ug/kg	96
64) Dibromochloromethane	11.54	129	51184	22.5187	ug/kg	99
65) 1,2-Dibromoethane	11.79	107	40537	21.4080	ug/kg	100
66) 1-Chlorohexane	11.99	91	71179	21.8470	ug/kg	90
67) Chlorobenzene	12.31	112	151123	21.2117	ug/kg	99
68) 1,1,1,2-Tetrachloroethane	12.35	131	55458	23.1509	ug/kg	99
69) Ethylbenzene	12.37	106	80022	21.9203	ug/kg	96
70) m-,p-Xylene	12.46	106	198575	45.1845	ug/kg	96
71) o-Xylene	13.00	106	92772	22.7587	ug/kg	95
72) Styrene	13.04	104	152943	23.5290	ug/kg	95
73) Bromoform	13.46	173	31386	23.3846	ug/kg	99
74) Isopropylbenzene	13.44	105	220920	20.6695	ug/kg	98
76) 1,1,2,2-Tetrachloroethane	13.65	83	43807	20.9771	ug/kg	99
78) 1,2,3-Trichloropropane	13.83	110	16853	21.5417	ug/kg	89
79) trans-1,4-Dichloro-2-Butene	13.91	53	14103	15.7141	ug/kg	95
80) n-Propylbenzene	13.94	91	287422	20.6417	ug/kg	98
81) Bromobenzene	14.00	156	66500	21.7663	ug/kg	92
82) 1,3,5-Trimethylbenzene	14.14	105	207074	21.9850	ug/kg	99
83) 2-Chlorotoluene	14.16	91	195782	20.4350	ug/kg	96
84) 4-Chlorotoluene	14.22	91	169493	19.5936	ug/kg	96
85) a-Methylstyrene	14.53	118	121908	21.5862	ug/kg	97
86) tert-Butylbenzene	14.58	134	47802	22.0659	ug/kg	97
87) 1,2,4-Trimethylbenzene	14.63	105	218482	21.9049	ug/kg	99
88) sec-Butylbenzene	14.85	105	270486	21.3886	ug/kg	98
89) p-Isopropyltoluene	15.02	119	239346	21.7993	ug/kg	99
90) 1,3-Dichlorobenzene	15.14	146	127851	21.6197	ug/kg	96
91) 1,4-Dichlorobenzene	15.27	146	128445	20.9277	ug/kg	98
92) n-Butylbenzene	15.53	91	207612	21.1990	ug/kg	97
93) 1,2-Dichlorobenzene	15.74	146	117885	21.8234	ug/kg	98
94) 1,2-Dibromo-3-Chloropropan	16.72	157	11609	23.3223	ug/kg	89
95) 1,2,4-Trichlorobenzene	17.85	180	83830	23.2651	ug/kg	98
96) Hexachlorobutadiene	18.02	225	43306	22.9939	ug/kg	97
97) Naphthalene	18.17	128	190122	23.8419	ug/kg	100
98) 1,2,3-Trichlorobenzene	18.49	180	76829	23.1504	ug/kg	98

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

9M56884.D 826_SLST.M Wed Sep 19 11:20:54 2007

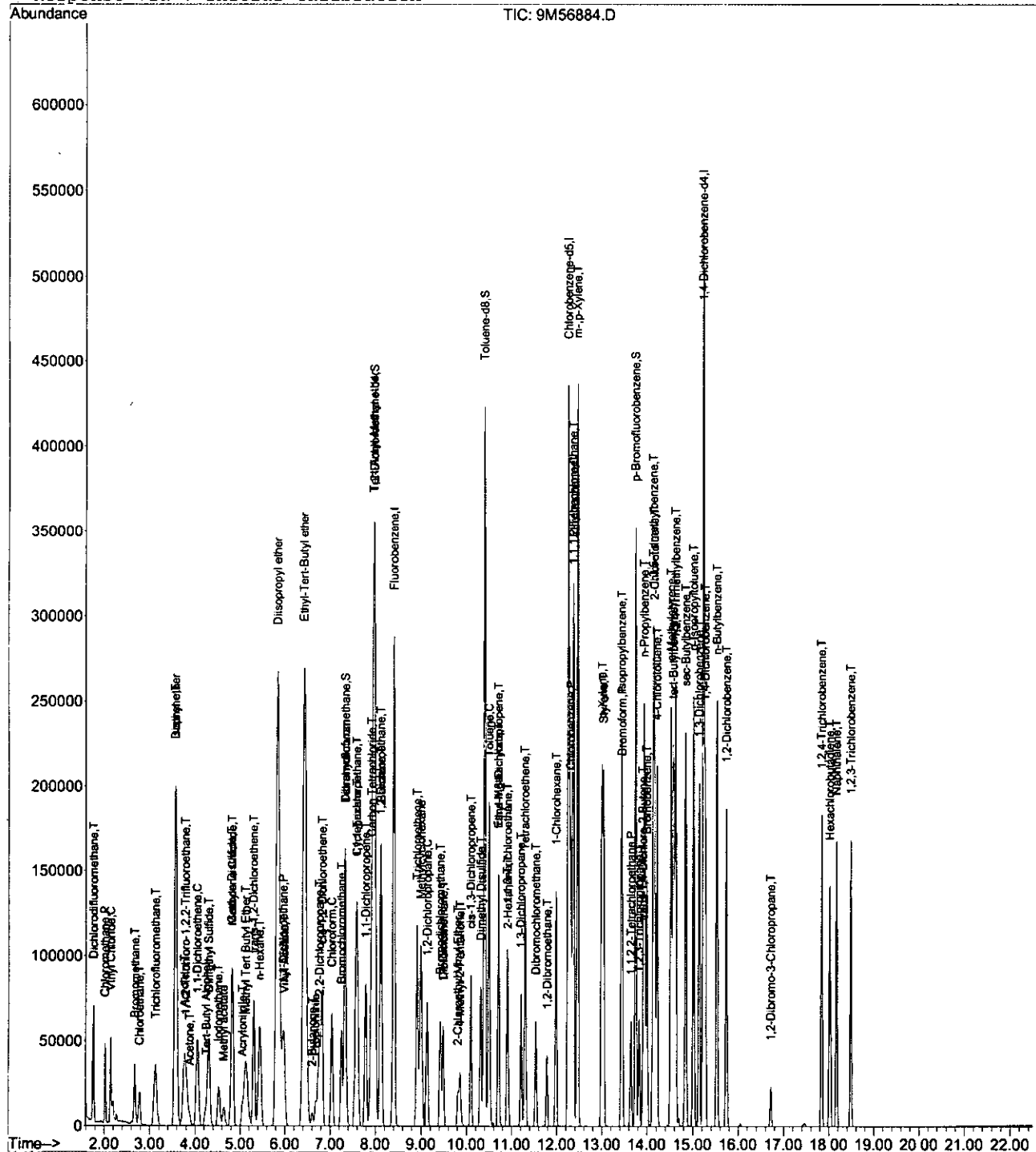
Page 2

Data File : C:\MSDCHEM\1\data\091907\9M56884.D
Acq On : 19 Sep 2007 10:58
Sample : WG250439-03 20ug/Kg LCSDUP 8260
Misc : 7,1 STD 21763
MS Integration Params: RTEINT.P
Quant Time: Sep 19 11:20 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



9M56884.D 826_SLST.M Wed Sep 19 11:20:55 2007

Page 3

Data File : C:\MSDchem\1\data\092607\8M339935.D

Vial: 5

Acq On : 26 Sep 2007 7:52

Operator: CMS

Sample : WG251027-03 20ug/L LCSDUP STD 8260

Inst : HPMS8

Misc : 1,1 STD21934

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:14:47 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.71	96	715846	25.00	ug/L	0.00
55) Chlorobenzene-d5	14.59	117	570475	25.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	17.61	152	309534	25.00	ug/L	0.00

System Monitoring Compounds

36) Dibromofluoromethane	9.67	111	144557	24.1002	ug/L	0.00
Spiked Amount	25.000	Range	86 - 118	Recovery	=	96.40%
42) 1,2-Dichloroethane-d4	10.31	65	128736	22.8414	ug/L	0.00
Spiked Amount	25.000	Range	80 - 120	Recovery	=	91.36%
56) Toluene-d8	12.70	98	547377	25.4204	ug/L	0.00
Spiked Amount	25.000	Range	88 - 110	Recovery	=	101.68%
77) p-Bromofluorobenzene	16.08	95	234315	24.0560	ug/L	0.00
Spiked Amount	25.000	Range	86 - 115	Recovery	=	96.24%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	201942	26.7251	ug/L	97
3) Chloromethane	3.61	50	123427	20.8324	ug/L	99
4) Vinyl Chloride	3.84	62	71460	21.2765	ug/L	100
5) 1,3-Butadiene	3.88	54	38321	16.7729	ug/L	82
6) Bromomethane	4.73	94	107136	25.7772	ug/L	99
7) Chloroethane	4.89	64	114907	22.8139	ug/L	99
8) Trichlorofluoromethane	5.40	101	198243	19.3615	ug/L	99
9) Diethyl ether	5.92	59	463711	119.2913	ug/L	99
10) Isoprene	5.97	67	185133	21.9012	ug/L	94
11) Acrolein	6.13	56	54766	130.5959	ug/L	97
12) 1,1,2-Trichloro-1,2,2-Trif	6.19	101	133322	23.9000	ug/L	97
13) Acetone	6.24	43	22840	22.4403	ug/L	100
14) 1,1-Dichloroethene	6.48	61	225354	23.1455	ug/L	98
15) Tert-Butyl Alcohol	6.60	59	52783	221.8051	ug/L	96
16) Dimethyl Sulfide	6.74	62	158619	18.9127	ug/L	99
17) Iodomethane	6.99	142	123159	13.7658	ug/L	86
18) Methyl acetate	7.00	43	63613	17.7986	ug/L	94
19) Methylene Chloride	7.26	84	138364	20.9420	ug/L	89
20) Carbon Disulfide	7.30	76	367746	20.1343	ug/L	99
21) Acrylonitrile	7.42	53	30358	21.3482	ug/L	100
22) Methyl Tert Butyl Ether	7.49	73	251979	21.6579	ug/L	93
23) trans-1,2-Dichloroethene	7.72	61	213252	21.6652	ug/L	97
24) n-Hexane	7.83	57	185098	22.0844	ug/L	97
25) Diisopropyl ether	8.16	45	2268471	110.1567	ug/L	93
26) Vinyl Acetate	8.30	43	209400	38.3842	ug/L	99
27) 1,1-Dichloroethane	8.33	63	260817	21.3234	ug/L	99
28) Ethyl-Tert-Butyl ether	8.73	59	1830518	109.6817	ug/L	96
29) 2-Butanone	8.88	43	33852	21.7620	ug/L	98
30) Propionitrile	8.97	54	49670	106.3049	ug/L #	72
31) 2,2-Dichloropropane	9.11	77	215082	23.0041	ug/L	100
32) cis-1,2-Dichloroethene	9.17	96	156274	22.3575	ug/L	97
33) Chloroform	9.38	83	235476	21.2655	ug/L	99
34) Bromochloromethane	9.60	130	84068	21.9510	ug/L	98
35) Tetrahydrofuran	9.64	42	97377	103.0651	ug/L	97
37) 1,1,1-Trichloroethane	9.93	97	217244	22.9150	ug/L	97
38) Cyclohexane	9.97	56	250865	21.9272	ug/L	97
39) 1,1-Dichloropropene	10.12	75	188014	22.4459	ug/L	97
40) Tert-Amyl-Methyl ether	10.24	73	1262133	110.1483	ug/L #	74
41) Carbon Tetrachloride	10.27	117	187127	23.1373	ug/L	99
43) 1,2-Dichloroethane	10.42	62	161254	21.3365	ug/L	99

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

8M339935.D 8260WT.M Wed Sep 26 08:14:49 2007

Page 1

Data File : C:\MSDCHEM\1\data\092607\8M339935.D

Vial: 5

Acq On : 26 Sep 2007 7:52

Operator: CMS

Sample : WG251027-03 20ug/L LCSDUP STD 8260

Inst : HPMS8

Misc : 1,1 STD21934

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:14:47 2007

Quant Results File: 8260WT.RES

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

Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8

Last Update : Wed Sep 26 06:31:52 2007

Response via : Initial Calibration

DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Benzene	10.47	78	543243	20.6181	ug/L	93
45) Trichloroethene	11.23	130	160222	22.8671	ug/L	96
46) Methylcyclohexane	11.33	83	206729	23.1883	ug/L	90
47) 1,2-Dichloropropane	11.43	63	140053	21.3842	ug/L	93
48) Bromodichloromethane	11.73	83	170177	22.9501	ug/L	99
49) 1,4-Dioxane	11.71	88	5484	198.8946	ug/L	70
50) Dibromomethane	11.81	93	63573	22.0248	ug/L	92
51) 2-Chloroethyl Vinyl Ether	12.02	63	57204	20.7668	ug/L	99
52) 4-Methyl-2-Pentanone	12.07	58	27104	20.9053	ug/L	98
53) cis-1,3-Dichloropropene	12.37	75	204640	21.7880	ug/L	98
54) Dimethyl Disulfide	12.62	94	228397	22.3325	ug/L	93
57) Toluene	12.80	91	601871	21.6884	ug/L	98
58) Ethyl Methacrylate	12.89	69	109283	22.2418	ug/L	96
59) trans-1,3-Dichloropropene	12.97	75	160560	20.5139	ug/L	98
60) 1,1,2-Trichloroethane	13.18	97	93044	21.9593	ug/L	95
61) 2-Hexanone	13.12	58	24627	20.1769	ug/L	# 40
62) 1,3-Dichloropropane	13.48	76	159832	21.5215	ug/L	98
63) Tetrachloroethene	13.63	164	128264	23.2938	ug/L	95
64) Dibromochloromethane	13.86	129	115929	22.5939	ug/L	100
65) 1,2-Dibromoethane	14.12	107	93361	22.2804	ug/L	100
66) 1-Chlorohexane	14.23	91	210218	23.6274	ug/L	98
67) Chlorobenzene	14.63	112	420216	20.8692	ug/L	96
68) 1,1,1,2-Tetrachloroethane	14.67	131	139538	23.0583	ug/L	98
69) Ethylbenzene	14.67	106	227184	22.9449	ug/L	94
70) m-,p-Xylene	14.75	106	553482	43.1463	ug/L	95
71) o-Xylene	15.31	106	280980	22.1082	ug/L	95
72) Styrene	15.35	104	462904	22.4956	ug/L	97
73) Bromoform	15.83	173	64010	22.3503	ug/L	98
74) Isopropylbenzene	15.75	105	616734	20.7904	ug/L	96
76) 1,1,2,2-Tetrachloroethane	15.95	83	95526	22.3171	ug/L	99
78) 1,2,3-Trichloropropane	16.14	110	29078	21.7957	ug/L	# 1
79) trans-1,4-Dichloro-2-Butene	16.18	53	27435	18.4976	ug/L	# 1
80) n-Propylbenzene	16.25	91	836445	22.6786	ug/L	96
81) Bromobenzene	16.37	156	182812	21.7824	ug/L	98
82) 1,3,5-Trimethylbenzene	16.44	105	590863	22.4306	ug/L	95
83) 2-Chlorotoluene	16.52	91	562389	22.2780	ug/L	96
84) 4-Chlorotoluene	16.56	91	495023	21.1034	ug/L	93
85) a-Methylstyrene	16.83	118	347380	22.2070	ug/L	98
86) tert-Butylbenzene	16.90	134	137323	22.9031	ug/L	82
87) 1,2,4-Trimethylbenzene	16.96	105	629019	22.9983	ug/L	82
88) sec-Butylbenzene	17.17	105	710045	22.6900	ug/L	95
89) p-Isopropyltoluene	17.33	119	625898	22.3082	ug/L	96
90) 1,3-Dichlorobenzene	17.51	146	363536	21.4899	ug/L	100
91) 1,4-Dichlorobenzene	17.65	146	357257	21.1608	ug/L	98
92) n-Butylbenzene	17.86	91	557316	22.8474	ug/L	95
93) 1,2-Dichlorobenzene	18.13	146	321589	21.5924	ug/L	100
94) 1,2-Dibromo-3-Chloropropane	19.12	75	15525	21.3221	ug/L	# 54
95) 1,2,4-Trichlorobenzene	20.28	180	205206	21.9995	ug/L	99
96) Hexachlorobutadiene	20.43	225	75178	24.0069	ug/L	92
97) Naphthalene	20.64	128	334635	21.9177	ug/L	100
98) 1,2,3-Trichlorobenzene	20.95	180	150342	22.1187	ug/L	100

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

8M339935.D 8260WT.M Wed Sep 26 08:14:49 2007

Page 2

Vial: 5
Operator: CMS
Inst : HPMS8
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B/624 WATER CURVE-09/25/07 HPMS 8
Last Update : Wed Sep 26 06:31:52 2007
Response via : Initial Calibration



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.

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

9511451

WORKGROUP: WG250610

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
09-363-02	1.40	30.88	25.37		
09-375-01	1.41	36.60	27.61		
02	1.41	24.54	18.75		
09-313-01	1.38	25.49	21.24		
02	1.35	27.42	23.78		
03	1.29	24.70	21.08		
04	1.31	24.37	21.38		
05	1.25	31.05	30.19		
06, 07, 08	1.27	21.65	20.24		
09	1.29	23.22	19.47		
12	1.24	19.59	16.72		
13	1.29	24.36	20.98		
14	1.31	20.18	17.27		
15	1.28	24.20	21.42		
16	1.32	27.52	26.30		
17	1.35	31.32	28.58		
18	1.29	18.38	16.06		
19	1.30	33.53	28.84		
09-398-01	1.34	25.27	21.55		
02	1.40	23.84	20.12		
Duplicate: 398-02	1.36	22.52	19.00		

Analyst: Heanna RobertsADT (on): 9/20/2007 @ 1835ADT (off): 9/24/07/1050ADT (off):

DCN#71065



Approved: September 21, 2007

KEMRON ENVIRONMENTAL SERVICES
PERCENT SOLID REPORT

Workgroup (AAB#): MG250610 Run Date: 09/20/2007
Method: D2216-90 Run Time: 18:35
Analyst: DR

SAMPLE NUMBER	Pan WT.	Int WT.	Finl WT.	% Solid	% Moist	UNITS
L0709313-01	1.380	25.49	21.24	82.37		%
L0709313-02	1.350	27.42	23.78	86.04		%
L0709313-03	1.290	24.70	21.08	84.54		%
L0709313-04	1.310	24.37	21.38	87.03		%
L0709313-05	1.250	31.05	30.19	97.11		%
L0709313-06	1.270	21.65	20.24	93.08		%
L0709313-07	1.270	21.65	20.24	93.08		%
L0709313-08	1.270	21.65	20.24	93.08		%
L0709313-09	1.290	23.22	19.47	82.90		%
L0709313-12	1.240	19.59	16.72	84.36		%
L0709313-13	1.290	24.36	20.98	85.35		%
L0709313-14	1.310	20.18	17.27	84.58		%
L0709313-15	1.280	24.20	21.42	87.87		%
L0709313-16	1.320	27.52	26.30	95.34		%
L0709313-17	1.350	31.32	28.58	90.86		%
L0709313-18	1.290	18.38	16.06	86.42		%
L0709313-19	1.300	33.53	28.84	85.45		%
L0709363-02	1.400	30.88	25.37	81.31		%
L0709375-01	1.410	36.60	27.61	74.45		%
L0709375-02	1.410	24.54	18.75	74.97		%
L0709398-01	1.340	25.27	21.55	84.45		%
L0709398-02	1.400	23.94	20.12	83.42		%
MG250610-01	1.400	23.84	20.12	83.42	16.58	%
MG250610-02	1.360	22.52	19.00	83.36	16.64	%

KEMRON FORMS - Modified 02/25/2007
Version 1.2
Report generated 09/21/2007 13:38

Drummond/Person
Approved: September 21, 2007

2.2.2 Total Organic Carbon Data

2.2.2.1 Summary Data

KEMRON Login No.: L0709398

METHOD

Analysis: Water: EPA 415.1/SM5310C/SW846 9060 (Total Organic Carbon)

Soil: Lloyd-Khan Methodology

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: DIH

Created: 27-SEP-2007


Approved: September 27, 2007

9511456

LABORATORY REPORT

L0709398

10/02/07 09:55

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: 924140

Sample Analysis Summary

Client ID	Lab ID	Method	Dilution	Date Received
MW232_SS_127	L0709398-01	LYDKHN	1	18-SEP-07
MW232_SS_127-D	L0709398-02	LYDKHN	1	18-SEP-07

Report Number: L0709398

Report Date : October 2, 2007

9511457

Sample Number: L0709398-01 PrePrep Method: NONE Instrument: TOC-VWP
Client ID: MW232 SS 127 Prep Method: LYDKHN Prep Date: 09/23/2007 13:11
Matrix: Soil Analytical Method: LYDKHN Cal Date: 02/28/2007 09:24
Workgroup Number: WG250758 Analyst: DIH Run Date: 09/23/2007 13:11
Collect Date: 09/17/2007 15:10 Dilution: 1 File ID: TC09-23-2007.18
Sample Tag: 01 Units: mg/kg Percent Solid: 84.5

Analyte	CAS. Number	Result	Qual	RL	MDL
Total Organic Carbon		3180		1180	592

1 of 2

Report Number: L0709398

Report Date : October 2, 2007

9511458

Sample Number: L0709398-02	PrePrep Method: NONE	Instrument: TOC-VWP
Client ID: MW232 SS 127-D	Prep Method: LYDKHN	Prep Date: 09/23/2007 13:17
Matrix: Soil	Analytical Method: LYDKHN	Cal Date: 02/28/2007 09:24
Workgroup Number: WG250758	Analyst: DIH	Run Date: 09/23/2007 13:17
Collect Date: 09/17/2007 15:10	Dilution: 1	File ID: TC09-23-2007.19
Sample Tag: 01	Units: mg/kg	Percent Solid: 83.4

Analyte	CAS. Number	Result	Qual	RL	MDL
Total Organic Carbon		20600		1200	599

2 of 2

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)

9511461

Checklist ID: 21475

KEMRON Environmental Services
Data Checklist

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

Calibration/Linearity	2/28/2007
Second Source Check	X
ICV/CCV (std)	X
ICB/CCB	X
Blank	X
LCS/LCS Dup	X
MS/MSD	X
Duplicate	X
Upload Results	X
Client Forms	X
QC Violation Sheet	X
Case Narratives	X
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	DIH
Secondary Reviewer	
Comments	

Primary Reviewer:
24-SEP-2007

Secondary Reviewer:

Drummond/Person

Generated: SEP-24-2007 11:31:59

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

9511462

Analytical Method:LYDKHN

AAB#:WG250758

Login Number:L0709398

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
MW232_SS_127-D	09/17/07	09/18/07	09/23/07	28	5.92	09/23/07	28	5.92	
MW232_SS_127	09/17/07	09/18/07	09/23/07	28	5.92	09/23/07	28	5.92	

* EXT = SEE PROJECT QAPP REQUIREMENTS

*ANAL = SEE PROJECT QAPP REQUIREMENTS

METHOD BLANK SUMMARY

Login Number: L0709398 _____ Work Group: WG250758 _____
Blank File ID: TC09-23-2007.03 _____ Blank Sample ID: WG250758-01 _____
Prep Date: 09/23/07 10:00 _____ Instrument ID: TOC-VWP _____
Analyzed Date: 09/23/07 10:00 _____ Method: LYDKHN _____
Analyst: DIH _____

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
DUP	WG250758-05	TC09-23-2007.12	09/23/07 12:30	01
MW232_SS_127	L0709398-01	TC09-23-2007.18	09/23/07 13:11	01
MW232_SS_127-D	L0709398-02	TC09-23-2007.19	09/23/07 13:17	01

METHOD BLANK REPORT

Login Number: L0709398 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 Analyst: 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

9511465

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709398 Analyst: DIH Prep Method: LYDKHN
 Instrument ID: TOC-VWP Matrix: Soil Method: LYDKHN
 Workgroup (AAB#): WG250758 Units: mg/kg
 QC Key: STD 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 Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Total Organic Carbon	8380	8240	98.3	8380	8860	106	7.36	70 - 140	50	

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>	SOP: K <u>5310</u> Rev. <u>7</u>
☒ Lloyd Kahn Method Other: <u> </u>	Instrument: Shimadzu TOC-VWP/SSM-5000A

☒ drain reservoir filled
☒ sufficient gas

DAILY CHECK

☒ waste container
☒ tubing connections

Curve

Position	Sample ID	Weight (mg)
1	40000	100
2	30000	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		
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47		
48		
49		
50		

Analyst: Heanna Roberts Date: 2/28/07 Time: 0853

DCN#68398



Heanna Roberts

Approved: March 01, 2007

9511468

02/28/2007 09:37:24 AM

02-28-2007-SOILCURVE.132

Instr. Information

System
DetectorTOCVW 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

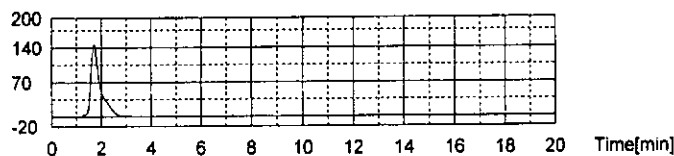
Type	Anal.	Density
Standard	SSM-TC	

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]

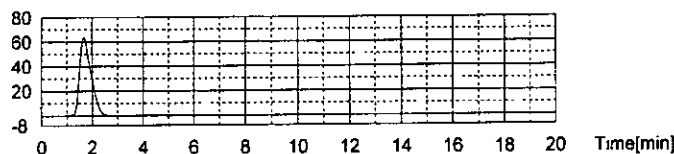


AbsC: 2000ug

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]

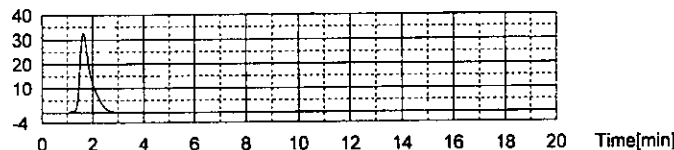


AbsC: 1000ug

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

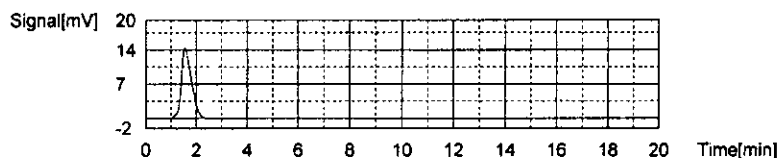
1/3

Heanna Roberts
Approved: March 01, 2007

02/28/2007 09:37:24 AM

02-28-2007-SOILCURVE.t32

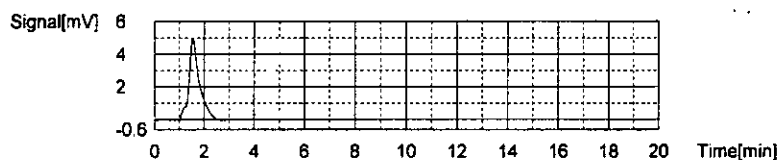
Mean Area 40.19
Mean CNV 40.19



Abs C: 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

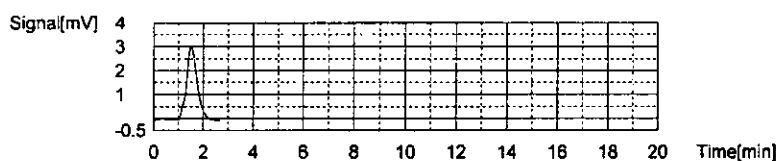
Mean Area 14.55
Mean CNV 14.55



Abs C: 80.00ug

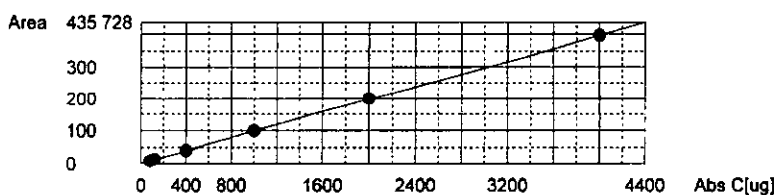
No.	Area	CNV	Abs C	Weight	Rem.	Ex.	Date / Time
1	9.076	9.076	80.00ug	2.000mg	*****		02/28/2007 09:24:31 AM

Mean Area 9.076
Mean CNV 9.076



Slope:
Intercept
r²
Zero Shift

0.09860
1.706
0.999959
No



Sample

Sample Name:
Sample ID:
Origin:
Status:
Chk. Result

ICV 8380
Untitled
SOILCURVE-2-28-2007.cal
Completed

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/mL	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

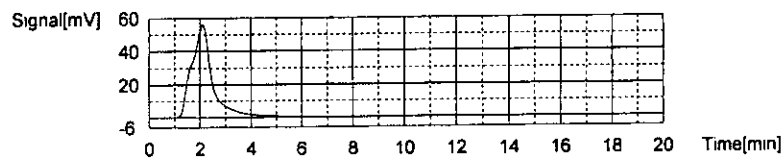
Approved: March 01, 2007

9511470

02/28/2007 09:37.24 AM

02-28-2007-SOILCURVE.i32

Mean Area 315.1
Mean CNV 315.1
Mean Conc. 7631mg/L



3/3

Anna/Person

Approved: March 01, 2007

9511471

C:\TOC3201\Data\02-28-2007-SOILCURVE.t32

	Sample Name	Result	Status	Date / Time
1	CURVE		Compl:	02/28/2007 09:24:31 AM
2	ICV 8380	SSM-TC-7631mg/L	Compl:	02/28/2007 09:34:46 AM

02/28/2007 09:37:22 AM

1/1



Approved: March 01, 2007

9511472

wg 250758



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 Other: _____	SOP: K <u>5310</u> Rev. <u>7</u> 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	B1K	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		
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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	09-124-01	589.1	✓
09-200-01	02m	343.3	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	✓ "
09-388-01		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	✓ "

9511474

	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-SOIL.132

Instr. Information

System
DetectorTOCVW SSM
Wet Chemical

Sample

Sample Name: CCV 40000
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result

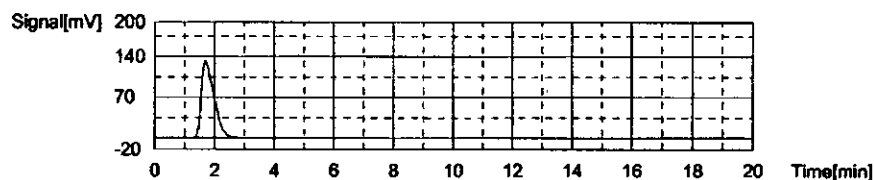
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:40465mg/L

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

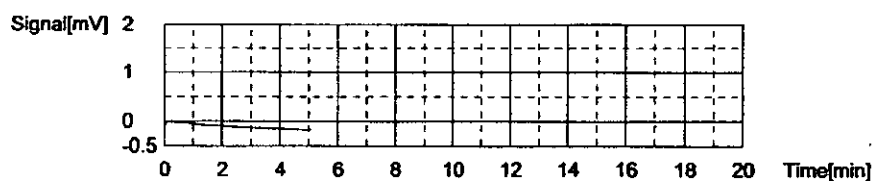
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	!!Error!! SSM-TC:-173.0mg/L

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:
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:51.65mg/L

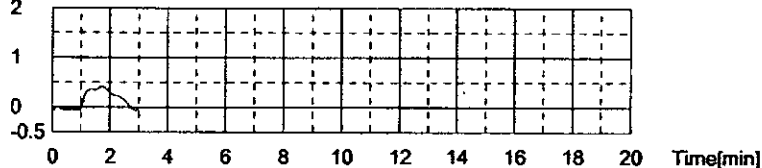
1. Det

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

Signal[mV] 2



Sample

Sample Name: WG250758-02 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:8235mg/L

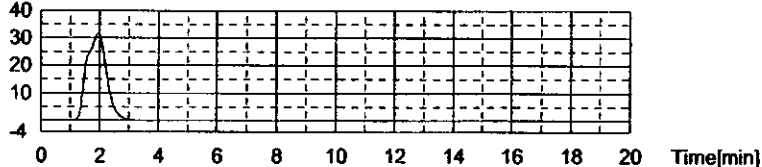
1. Det

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

Signal[mV] 40



Sample

Sample Name: WG250758-03 LCSDUP
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL132

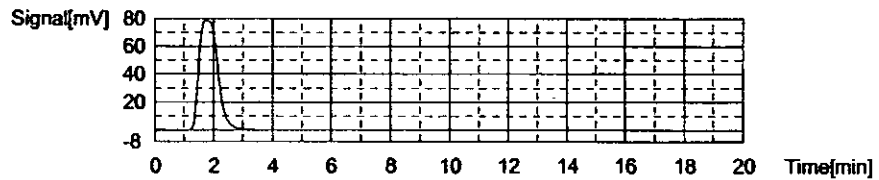
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:8864mg/L

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

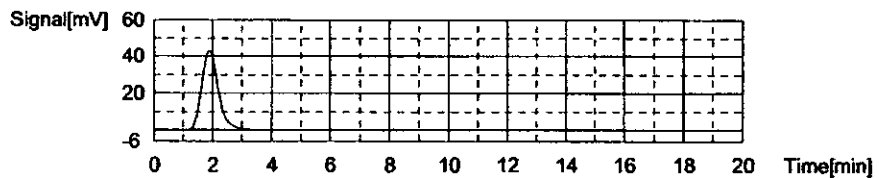
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:2896mg/L

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

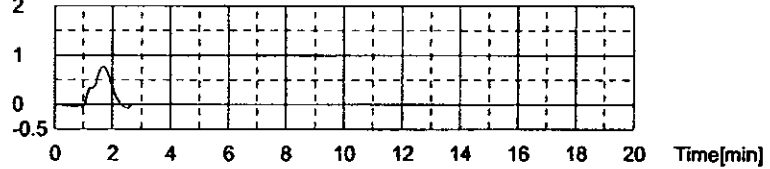
1. Det

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:
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:4871mg/L

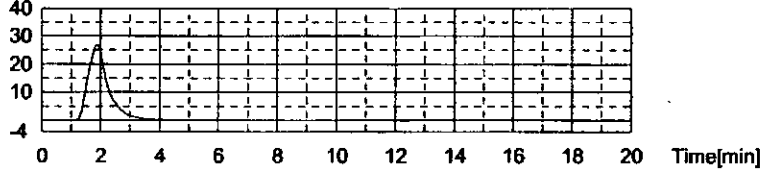
1. Det

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:
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:5240mg/L

1. Det

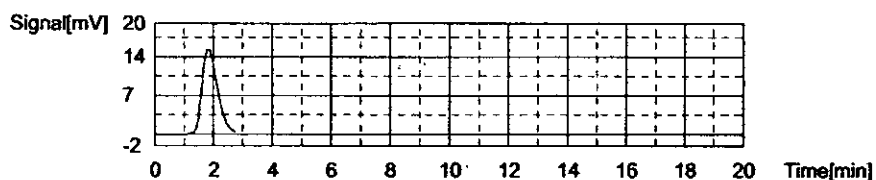
Anal.: SSM-TC

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.r32

Mean Area 53.37
 Mean CNV 53.37
 Mean Conc. 5240mg/L



Sample

Sample Name: L0709321-07 MS
 Sample ID: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result

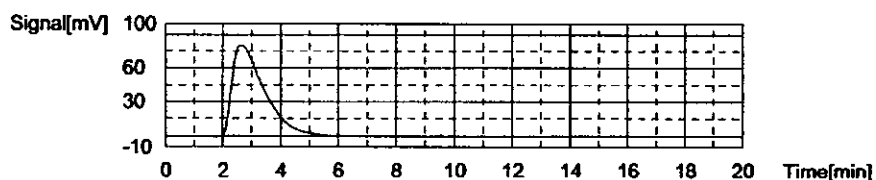
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/L	SSM-TC-21386mg/L

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: SOIL-02-28-2007.met
 Origin: Completed
 Status: Completed
 Chk. Result

Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/L	SSM-TC-23681mg/L

1. Det

Anal.: SSM-TC

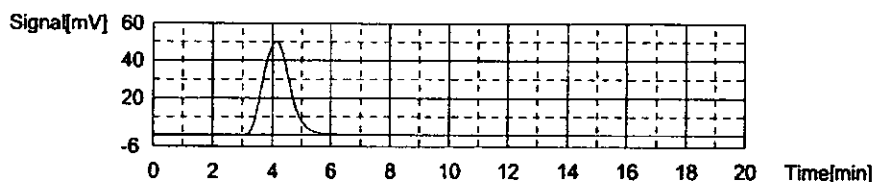
No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	321.6	321.6	3244ug	23681mg/L	137.0mg	137uL		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 12:25:30 PM

9511480

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL132

Mean Area 321.8
Mean CNV 321.8
Mean Conc. 23681mg/L



Sample

Sample Name: WG250758-05 DUP
Sample ID:
Origin: SOIL-02-28-2007.met
Status: Completed
Chk. Result

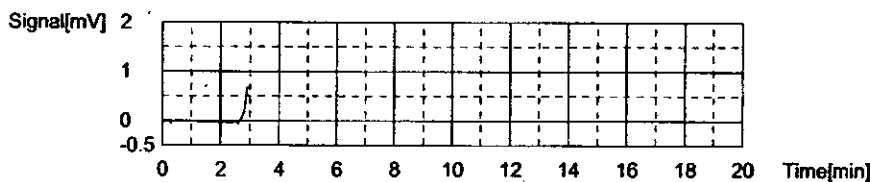
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	!!Error!! SSM-TC:-43.17mg/L

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	09/23/2007 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

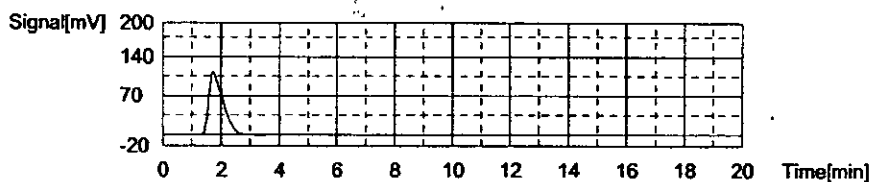
No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	378.3	378.3	3819ud	38193mg/L	100.0mg	100uL		SOILCURVE-2-28-2007.2007_02_28_08_47	09/23/2007 12:41:26 PM

8/15

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL132

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

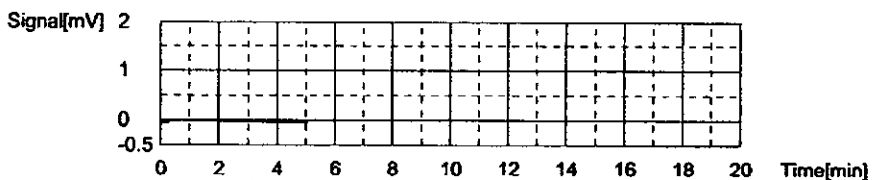
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	!!Error!! SSM-TC:-173.0mg/L

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	09/23/2007 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

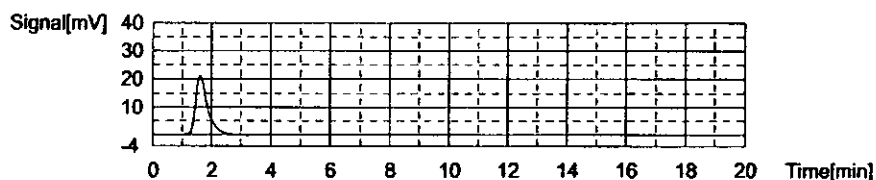
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:3094mg/L

1. Det

Anal.: SSM-TC

No.	Area	CNV	Abs C	Conc.	Weight	Volume	Ex.	Cal. Curve	Date / Time
1	60.77	60.77	599.0ug	3094mg/L	193.6mg	193ul		SOILCURVE-2-28-2007.2007 02 28 08 47	09/23/2007 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

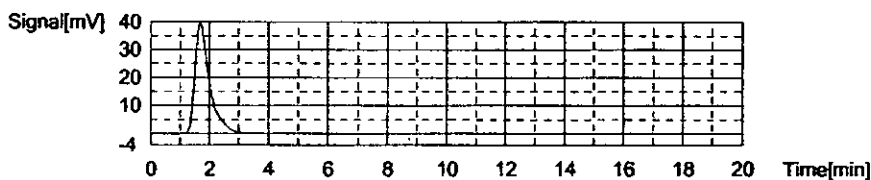
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:3347mg/L

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	09/23/2007 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

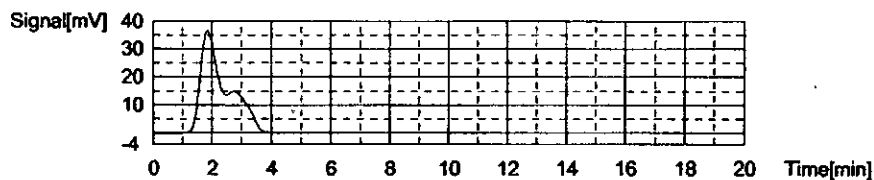
Anal.: SSM-TC

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	09/23/2007 01:05:53 PM

09/23/2007 02:47:32 PM

09-23-2007-DIM-SOIL132

Mean Area 223.9
 Mean CNV 223.9
 Mean Conc. 3184mg/L



Sample

Sample Name: L0709398-01
 Sample ID:
 Origin: SOIL-02-28-2007.met
 Status: Completed
 Chk. Result

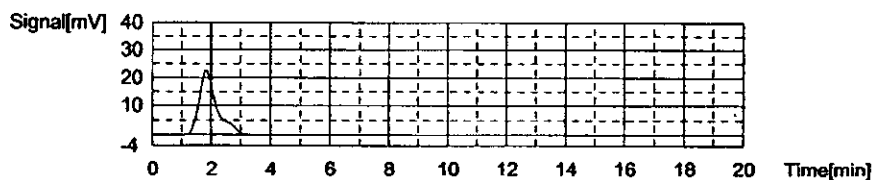
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:2684mg/L

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

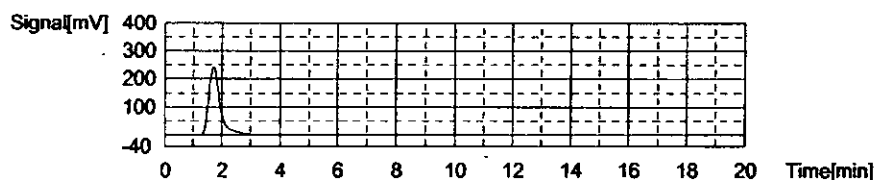
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:17203mg/L

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

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

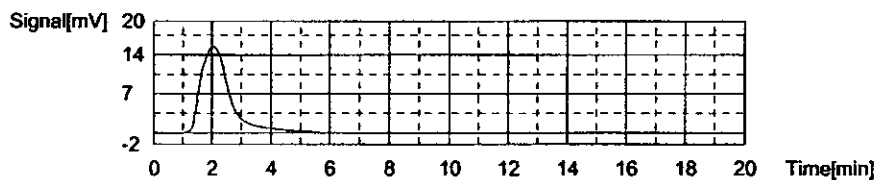
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/ul	SSM-TC:5078mg/L

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

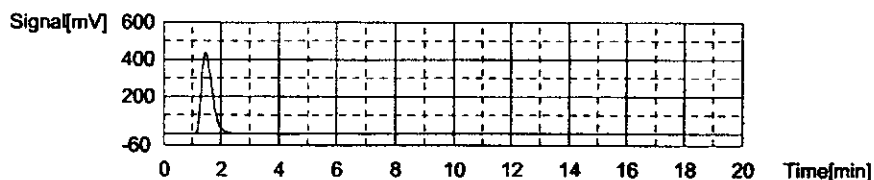
Anal.: SSM-TC

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

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL32

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

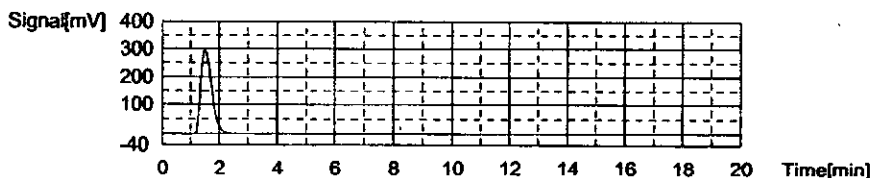
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/mL	SSM-TC:49355mg/L

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

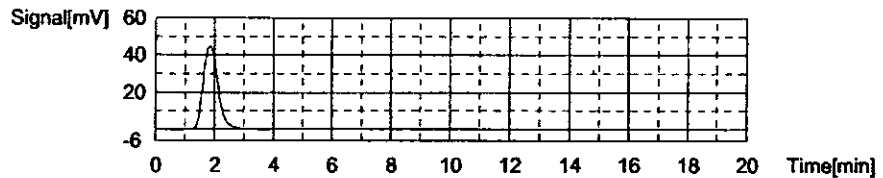
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/mL	SSM-TC:4244mg/L

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

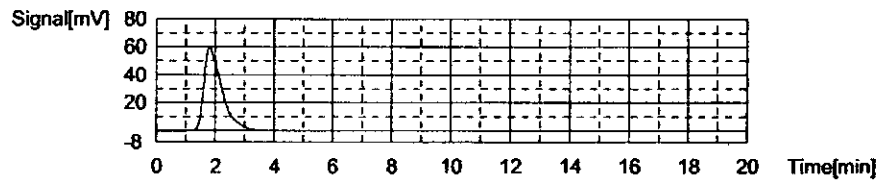
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/uL	SSM-TC:5365mg/L

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

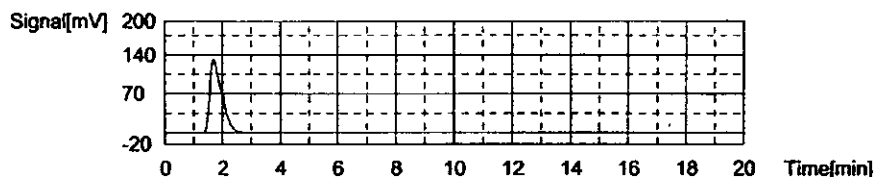
Anal.: SSM-TC

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

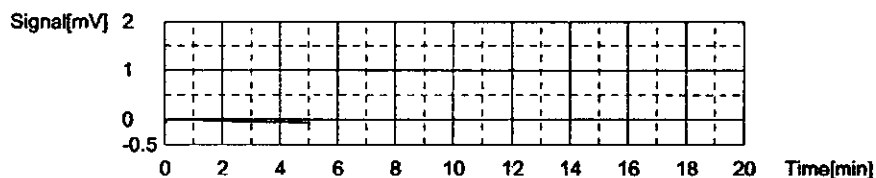
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/L	!!Error!! SSM-TC:-173.0mg/L

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	09/23/2007 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/L	!!Error!! SSM-TC:-41.22mg/L

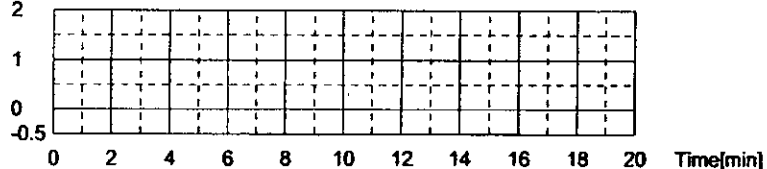
1. Det

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

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/tul	SSM-TC:16976mg/L

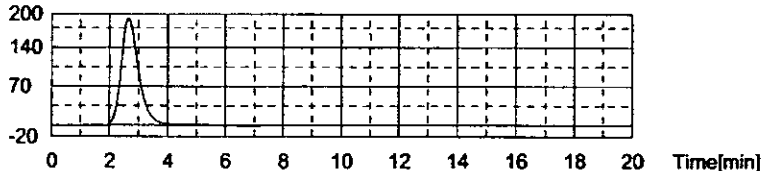
1. Det

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	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/tul	SSM-TC:39136mg/L

1. Det

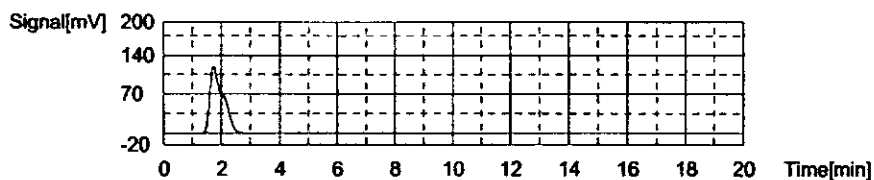
Anal.: SSM-TC

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	09/23/2007 02:41:11 PM

09/23/2007 02:47:32 PM

09-23-2007-DIH-SOIL.R32

Mean Area 387.6
Mean CNV 387.6
Mean Conc. 39138mg/L



Sample

Sample Name: CCB
Sample ID:
Origin: SOIL-02-28-2007.mel
Status: Completed
Chk. Result

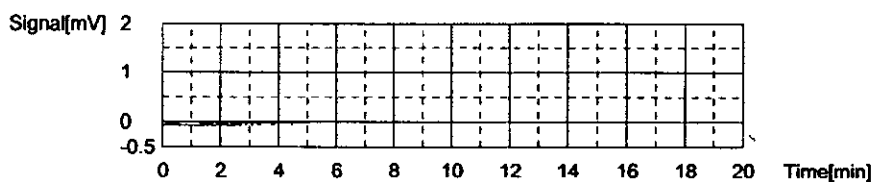
Type	Anal.	Dil.	Density	Result
Unknown	SSM-TC	1.000	1.000mg/L	Error! SSM-TC:-173.0mg/L

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	100.0ul		SOILCURVE-2-28-2007.2007_02_28_08_47	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
October 2, 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 71605
156 Starlite Drive
Marietta, OH 45750

Company Name:		Contact Phone #:		Project Contact:		Turn Around Requirements:		Project #:		Sampler (print):		Sample I.D. No.		Grab		Date		Time		CWA		Protocol		Hold		NUMBER OF CONTAINERS		Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:	
CHAM HILL		678 530 4250		David Nelson		STD		334469.SA.HS		Derek Miller		MW232-SS-127		X		9/17/07		1510		X		X		5		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided							
Project Contact:		Contact Phone #:		Project Contact:		Turn Around Requirements:		Project #:		Sampler (print):		Sample I.D. No.		Grab		Date		Time		CWA		Protocol		Hold		NUMBER OF CONTAINERS		Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:	
David Nelson		678 530 4250		David Nelson		STD		334469.SA.HS		Derek Miller		MW232-SS-127		X		9/17/07		1510		X		X		5		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided							
Turn Around Requirements:		Project #:		Sampler (print):		Sample I.D. No.		Grab		Date		Time		CWA		Protocol		Hold		NUMBER OF CONTAINERS		Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:							
STD		334469.SA.HS		Derek Miller		MW232-SS-127		X		9/17/07		1510		X		X		5		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided													
Project #:		Sampler (print):		Sample I.D. No.		Grab		Date		Time		CWA		Protocol		Hold		NUMBER OF CONTAINERS		Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:									
334469.SA.HS		Derek Miller		MW232-SS-127		X		9/17/07		1510		X		X		5		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided															
Sampler (print):		Sample I.D. No.		Grab		Date		Time		CWA		Protocol		Hold		NUMBER OF CONTAINERS		Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:											
Derek Miller		MW232-SS-127		X		9/17/07		1510		X		X		5		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided																	
Sample I.D. No.		Grab		Date		Time		CWA		Protocol		Hold		NUMBER OF CONTAINERS		Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:													
MW232-SS-127		X		9/17/07		1510		X		X		5		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided																			
MW232-SS-127-D		X		9/17/07		1510		X		X		5		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided																			
TB3-1-0917		X		8/28/07		1537		X		X		2		8260B/5035A		X		9/18/07		1215		4		Top Blank - Lab Provided																			
Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:																													
David Nelson		9/17/07		1510		David Nelson		9/18/07		1215		4		Top Blank - Lab Provided																													
Relinquished by:		Date		Time		Received by:		Date		Time		Cooler Temp in °C		Remarks:																													
David Nelson		9/17/07		1510		David Nelson		9/18/07		1215		4		Top Blank - Lab Provided																													

***Homogenize all composite samples prior to analysis**

9511494

KEMRON Environmental Services

SAMPLE RECEIPT FORM

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

Client:	CH2M Hill			
Workorder Number:	B 8434			
Date Received:	9-18-02			
Delivered by:	(X) Fedx	() UPS	() Client	() Courier
Time:	1215			
Opened by:	EE			
IR Temp Gun:	() D	(X) G		
Logged by:	Bla		L 9-398	

Cooler Information

Cooler ID	Temp C	Airbill#	COC#	Other
1718	4	862763016492		Terra cores

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)?	✓			
Were pH ranges acceptable?			✓	
Were VOA samples free of headspace?		✓		0
Were samples received within EPA hold times?	✓			

Discrepancy/Comments/Other Problems

① Both trips HAVE Bubbles Size of A pea
Note sent 2 extra trip BLANK Bottles

Distribution

Name of KEMRON representative
Client/Company:
Person Contacted:
Date contacted:

Resolution/other comments:

CFR-1

7-CFR-1

6/11/2007

KEMRON Environmental Services
Internal Chain of Custody Report

9511495

Login: L0709398
Account: 2736
Project: 2736.034
Samples: 3
Due Date: 02-OCT-2007

Samplenum Container ID Products
L0709398-02 375109 TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	18-SEP-2007 14:06	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

Samplenum Container ID Products
L0709398-01 375107 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	18-SEP-2007 14:06	BRG	
2	ANALYZ	W1	WET	18-SEP-2007 16:30	JDH	JKT
3	STORE	WET	A2	21-SEP-2007 07:38	ERE	DIH
4	STORE	W1	A2	02-OCT-2007 08:00	ERE	ERE

Samplenum Container ID Products
L0709398-02 375110 PCT-S

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	18-SEP-2007 14:06	BRG	
2	ANALYZ	W1	WET	18-SEP-2007 16:30	JDH	JKT
3	STORE	WET	A2	21-SEP-2007 07:38	ERE	DIH
4	STORE	W1	A2	02-OCT-2007 08:00	ERE	ERE

Samplenum Container ID Products
L0709398-01 375106 TOC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	18-SEP-2007 14:06	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

9511496

Login: L0709398
Account: 2736
Project: 2736.034
Samples: 3
Due Date: 02-OCT-2007

Samplenun **Container ID** **Products**
L0709398-02 375108 G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	18-SEP-2007 14:06	BRG	
2	ANALYZ	F1	VOAY	19-SEP-2007 10:02	KJW	JKT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	18-SEP-2007 14:06	BRG	
2	ANALYZ	F1	VOAY	19-SEP-2007 10:02	KJW	JKT

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	18-SEP-2007 14:06	BRG	
2	ANALYZ	F1	VOAY	19-SEP-2007 10:02	KJW	JKT

Samplenun **Container ID** **Products**
L0709398-03 375111 826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	18-SEP-2007 14:06	BRG	
2	ANALYZ	V1	ORG4	19-SEP-2007 11:24	KJW	JKT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	18-SEP-2007 14:06	BRG	
2	ANALYZ	V1	ORG4	19-SEP-2007 11:24	KJW	JKT

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	18-SEP-2007 14:06	BRG	
2	ANALYZ	V1	ORG4	19-SEP-2007 11:24	KJW	JKT

Bottle: 4

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	18-SEP-2007 14:06	BRG	
2	ANALYZ	V1	ORG4	19-SEP-2007 11:24	KJW	JKT

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

9511497

Login: L0709398
Account: 2736
Project: 2736.034
Samples: 3
Due Date: 02-OCT-2007

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709398-01	375105	G-40-T2

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	18-SEP-2007 14:06	BRG	
2	ANALYZ	F1	VOAY	19-SEP-2007 10:02	KJW	JKT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	18-SEP-2007 14:06	BRG	
2	ANALYZ	F1	VOAY	19-SEP-2007 10:02	KJW	JKT

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	F1	18-SEP-2007 14:06	BRG	
2	ANALYZ	F1	VOAY	19-SEP-2007 10:02	KJW	JKT

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: L0709256

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.

Debra Elliott - Team Leader
delliott@kemron-lab.com

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afickiesen@kemron-lab.com

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kalbertson@kemron-lab.com

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kbarnes@kemron-lab.com

Brenda Gregory - Client Services Specialist
bgregory@kemron-lab.com

Jacqueline Parsons - Team Assistant
jparsons@kemron-lab.com

This report was reviewed on September 20, 2007.

A handwritten signature in cursive script that reads "Kathy Albertson".

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 20, 2007.

A handwritten signature in cursive script that reads "David E. Vandenberg".

David Vandenberg - Vice President

FL DOH NELAP ID: E8755

This report contains a total of 110 pages.

Protecting Our Environmental Future



KEMRON REPORT L0709256
PREPARED FOR CH2MHILL, Inc
WORK ID: MEMPHIS TN

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1.0 Introduction

LABORATORY REPORT

9511501

L0709256

09/20/07 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 Summary

Client ID	Lab ID	Date Collected	Date Received
MW231_192	L0709256-03	09/12/2007 11:20	09/13/2007

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

KEMRON Login No.: L0709256

CHAIN OF CUSTODY: The chain of custody number was 71614.

SHIPMENT CONDITIONS: The chain of custody forms were received sealed in a cooler. The cooler temperature was 3 degrees C.

SAMPLE MANAGEMENT: All samples received were intact.

L0709256-03 MW231_192

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: 17-SEP-07

Kathy O. Benson

2.0 Full Sample Data Package

2.1 Volatiles Data

2.1.1 Volatiles GCMS Data (8260)

2.1.1.1 Summary Data

KEMRON Login No.: L0709256

METHOD

Preparation: SW-846 5030B

Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded 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. 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: 19-SEP-07



LABORATORY REPORT

9511509

L0709256

09/20/07 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
MW231_192	L0709256-03	8260B	1	13-SEP-07

Report Number: L0709256

Report Date : September 20, 2007

9511510

Sample Number: L0709256-03

Client ID: MW231 192

Matrix: Water

Workgroup Number: WG250008

Collect Date: 09/12/2007 11:20

Sample Tag: 01

PrePrep Method: NONE

Prep Method: 5030B

Analytical Method: 8260B

Analyst: MES

Dilution: 1

Units: ug/L

Instrument: HPMS11

Prep Date: 09/13/2007 17:56

Cal Date: 09/05/2007 19:51

Run Date: 09/13/2007 17:56

File ID: 11M45441

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		U	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	90.8	86	118		
1,2-Dichloroethane-d4	93.0	80	120		
Toluene-d8	94.5	88	110		
4-Bromofluorobenzene	97.2	86	115		

U Not detected at or above adjusted sample detection limit

1 of 1

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

KEMRON Environmental Services

Instrument Run Log

9511514

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



9511515

Run Log ID: 18123

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

9511516

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

Approved: September 12, 2007

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



KEMRON Environmental Services Instrument Run Log

9511518

Instrument:	HPMS11	Dataset:	091307	
Analyst1:	MES	Analyst2:	NA	
Method	8260B	SOP:	MSV01	Rev: 10
Method:	5030/5035	SOP:	PAT01	Rev: 10

Maintenance Log ID: 20879

Internal Standard:	STD21833	Surrogate Standard:	STD21736	
CCV:	STD21828	LCS:	STD21763	MS/MSD: STD21763

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

Workgroups: WG250008

Comments

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	11M45422	SYSTEM BLANK	NA	1	1		09/13/07 08:35
2	11M45423	SYSTEM BLANK	NA	1	1		09/13/07 09:06
3	11M45424	SYSTEM BLANK	NA	1	1		09/13/07 09:42
4	11M45425	WG250006-01 50ng BFB STD 8260	NA	1	1	STD21685	09/13/07 10:16
5	11M45426	WG250006-01 50ng BFB STD 8260	NA	1	1	STD21685	09/13/07 10:29
6	11M45427	WG250006-02 50ug/L STD 8260	NA	1	1	STD21828	09/13/07 10:52
7	11M45428	WG250006-02 50ug/L STD 8260	NA	1	1	STD21828	09/13/07 11:26
8	11M45429	WG250008-01 VBLK0913 BLANK 8260	NA	1	1		09/13/07 11:56
9	11M45430	WG250008-01 VBLK0913 BLANK 8260	NA	1	1		09/13/07 12:26
10	11M45431	WG250008-02 20ug/L LCS STD 8260	NA	1	1	STD21763	09/13/07 12:55
11	11M45432	L0709253-01 2X A 826-SPE	<2	1	2		09/13/07 13:26
12	11M45433	L0709164-01 A 826-LOW	<2	1	1		09/13/07 13:56
13	11M45434	L0709164-02 A 826-LOW	<2	1	1		09/13/07 14:26
14	11M45435	L0709150-02 A 826-SPE	<2	1	1		09/13/07 14:56
15	11M45436	L0709164-05 A 826-LOW	<2	1	1		09/13/07 15:26
16	11M45437	L0709164-09 A 826-LOW	<2	1	1		09/13/07 15:56
17	11M45438	L0709164-06 A 826-LOW	<2	1	1		09/13/07 16:26
18	11M45439	L0709164-07 MS A 826-LOW	<2	1	1	STD21763	09/13/07 16:56
19	11M45440	L0709164-08 MSD A 826-LOW	<2	1	1	STD21763	09/13/07 17:26
20	11M45441	L0709256-03 A 826-SPE	<2	1	1		09/13/07 17:56
21	11M45442	L0709164-10 A 826-LOW	<2	1	1		09/13/07 18:26
22	11M45443	L0709164-11 A 826-LOW	<2	1	1		09/13/07 18:56
23	11M45444	L0709164-12 A 826-LOW	<2	1	1		09/13/07 19:26
24	11M45445	L0709164-13 A 826-LOW	<2	1	1		09/13/07 19:56
25	11M45446	L0709137-03 A 826-SPE	<2	1	1		09/13/07 20:26
26	11M45447	L0709137-04 A 826-SPE	<2	1	1		09/13/07 20:56
27	11M45448	L0709150-01 A 826-SPE	<2	1	1		09/13/07 21:26
28	11M45449	L0709164-04 A 826-LOW	<2	1	1		09/13/07 21:56
29	11M45450	L0709164-14 A 826-LOW	<2	1	1		09/13/07 22:26
30	11M45451	SYSTEM BLANK	NA	1	1		09/13/07 22:56
31	11M45452	SYSTEM BLANK	NA	1	1		09/13/07 23:26

Comments

Approved: September 19, 2007

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KEMRON Environmental Services
Instrument Run Log

Instrument: HPMS11 Dataset: 091307
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 20879

Internal Standard: STD21833 Surrogate Standard: STD21736
CCV: STD21828 LCS: STD21763 MS/MSD: STD21763
Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG250008

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
File ID: 11M45425				
RR, BFB failed.				
6				
File ID: 11M45427				
RR, 1,1-DCE is high				
15	X	10	Over Calibration Range	cis-1,2-DCE,TCE
File ID: 11M45436				
22	X	10	Over Calibration Range	cis-1,2-DCE
File ID: 11M45443				
23	X	10	Over Calibration Range	cis-1,2-DCE
File ID: 11M45444				

Approved: September 19, 2007



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9511520

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

Mary Sullivan

Secondary Reviewer:
10-SEP-2007

Nick

Generated: SEP-10-2007 08:52:42

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

my gubing

MDA

KEMRON Environmental Services Data Checklist

9511522

Date: 13-SEP-2007
 Analyst: MES
 Analyst: FJB
 Method: 8260
 Instrument: HPMS11
 Curve Workgroup: NA
 Runlog ID: 18286
 Analytical Workgroups: WG250008

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:
18-SEP-2007

Secondary Reviewer:
19-SEP-2007




Generated: SEP-19-2007 11.06.33

9511523

KEMRON Environmental Services
HOLDING TIMES
EQUIVALENT TO AFCEE FORM 9

Analytical Method: 8260B _____
Login Number: L0709256 _____

AAB#: WG250008 _____

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
MW231_192	09/12/07	09/13/07	09/13/07	14	1.28	09/13/07	14	1.28	

* EXT = SEE PROJECT QAPP REQUIREMENTS
* ANAL = SEE PROJECT QAPP REQUIREMENTS

SURROGATE STANDARDS

Login Number: L0709256

Method: 8260

Instrument Id: HPMS11

CAL ID: HPMS11-05-SEP-07

Workgroup (AAB#): WG250008

Matrix: Water

Sample Number	Dilution	Tag	1	2	3	4
L0709256-03	1.00	01	93.0	90.8	97.2	94.5
WG250008-01	1.00	01	92.2	90.3	96.7	94.9
WG250008-02	1.00	01	94.6	92.1	96.1	93.8

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

METHOD BLANK SUMMARY

Login Number: L0709256 _____ Work Group: WG250008 _____
Blank File ID: 11M45430 _____ Blank Sample ID: WG250008-01 _____
Prep Date: 09/13/07 12:26 _____ Instrument ID: HPMS11 _____
Analyzed Date: 09/13/07 12:26 _____ Method: 8260B _____
Analyst: MES _____

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG250008-02	11M45431	09/13/07 12:55	01
MW231_192	L0709256-03	11M45441	09/13/07 17:56	01

METHOD BLANK REPORT

Login Number: L0709256 Prep Date: 09/13/07 12:26 Sample ID: WG250008-01
 Instrument ID: HPMS11 Run Date: 09/13/07 12:26 Prep Method: 5030B
 File ID: 11M45430 Analyst: MES Method: 8260B
 Workgroup (AAB#): WG250008 Matrix: Water Units: ug/L
 Contract #: DACA87-02-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	90.3	86 - 118	PASS
1,2-Dichloroethane-d4	92.2	80 - 120	PASS
Toluene-d8	94.9	88 - 110	PASS
4-Bromofluorobenzene	96.7	86 - 115	PASS

MDL Method Detection Limit

KEMRON FORMS - Modified 12/07/2006
 Version 1.5 PDF File ID: 875706
 Report generated 09/19/2007 15:41

9511527

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number: L0709256 _____ Prep Date: 09/13/07 12:26 _____ Sample ID: WG250008-01 _____
Instrument ID: HPMS11 _____ Run Date: 09/13/07 12:26 _____ Prep Method: 5030B _____
File ID: 11M45430 _____ Analvst: MES _____ Method: 8260B _____
Workgroup (AAB#): WG250008 _____ 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

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 875706
Report generated 09/19/2007 15:41

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0709256 Run Date: 09/13/2007 Sample ID: WG250008-02
 Instrument ID: HPMS11 Run Time: 12:55 Prep Method: 5030B
 File ID: 11M45431 Analyst: MES Method: 8260B
 Workgroup (AAB#): WG250008 Matrix: Water Units: ug/L
 QC Key: STD Lot#: STD21763 Cal ID: HPMS11-05-SEP-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	20.0	22.8	114	40 - 142	
Benzene	20.0	21.2	106	80 - 121	
Bromodichloromethane	20.0	23.2	116	80 - 131	
Bromoform	20.0	20.6	103	70 - 130	
Bromomethane	20.0	22.3	111	30 - 145	
2-Butanone	20.0	22.0	110	30 - 150	
Carbon disulfide	20.0	15.3	76.6	58 - 138	
Carbon tetrachloride	20.0	21.3	106	65 - 140	
Chlorobenzene	20.0	21.2	106	80 - 120	
Chlorodibromomethane	20.0	20.7	104	60 - 135	
Chloroethane	20.0	22.8	114	60 - 135	
Chloroform	20.0	22.4	112	80 - 125	
Chloromethane	20.0	22.0	110	40 - 125	
1,1-Dichloroethane	20.0	22.4	112	80 - 125	
1,2-Dichloroethane	20.0	23.2	116	80 - 129	
1,1-Dichloroethene	20.0	24.8	124	80 - 132	
cis-1,2-Dichloroethene	20.0	22.1	111	70 - 125	
trans-1,2-Dichloroethene	20.0	21.3	106	80 - 127	
1,2-Dichloropropane	20.0	21.9	109	80 - 120	
cis-1,3-Dichloropropene	20.0	21.6	108	70 - 130	
trans-1,3-Dichloropropene	20.0	22.1	111	80 - 130	
Ethylbenzene	20.0	22.2	111	80 - 122	
2-Hexanone	20.0	22.4	112	55 - 130	
4-Methyl-2-pentanone	20.0	20.1	100	64 - 140	
Methylene chloride	20.0	20.4	102	80 - 123	
Styrene	20.0	22.4	112	80 - 123	
1,1,2,2-Tetrachloroethane	20.0	22.6	113	79 - 125	
Tetrachloroethene	20.0	20.7	103	80 - 124	
Toluene	20.0	22.1	110	80 - 124	
1,1,1-Trichloroethane	20.0	23.5	118	80 - 134	
1,1,2-Trichloroethane	20.0	22.1	111	80 - 125	
Trichloroethene	20.0	21.7	109	80 - 122	
Vinyl chloride	20.0	23.2	116	65 - 140	
o-Xylene	20.0	21.6	108	80 - 122	
m-,p-Xylene	40.0	44.0	110	80 - 122	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	92.1	86 - 118	PASS
1,2-Dichloroethane-d4	94.6	80 - 120	PASS
Toluene-d8	93.8	88 - 110	PASS
4-Bromofluorobenzene	96.1	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 09/06/2007
 Version 1.5 PDF File ID: 875526
 Report generated 09/19/2007 15:41

9511529

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709256_____ Tune ID: WG249372-01_____
Instrument: HPMS11_____ Run Date: 09/05/2007_____
Analyst: MES_____ 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

9511530

BFB

Login Number: L0709256
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

9511531

KEMRON ENVIRONMENTAL SERVICES
ORGANIC INSTRUMENT CHECK

BFB

Login Number: L0709256

Tune ID: WG250006-01

Instrument: HPMS11

Run Date: 09/13/2007

Analyst: MES

Run Time: 10:29

Workgroup: WG250006

File ID: 11M45426

Cal ID: HPMS11-05-SEP-07

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
50.0	95.0	15.0	40.0	24.9	10843	PASS
75.0	95.0	30.0	60.0	53.0	23093	PASS
95.0	95.0	100	100	100	43533	PASS
96.0	95.0	5.00	9.00	6.28	2736	PASS
173	174	0	2.00	0	0	PASS
174	95.0	50.0	100	60.2	26189	PASS
175	174	5.00	9.00	7.56	1980	PASS
176	174	95.0	101	95.4	24977	PASS
177	176	5.00	9.00	6.89	1722	PASS

This check relates to the following samples:

Lab ID	Client ID	Tag	Date Analyzed	Q
WG250006-02	CCV	01	09/13/2007 11:26	
WG250008-01	BLANK	01	09/13/2007 12:26	
WG250008-02	LCS	01	09/13/2007 12:55	
WG250008-03	REF	01	09/13/2007 16:26	
WG250008-04	MS	01	09/13/2007 16:56	
WG250008-05	MSD	01	09/13/2007 17:26	
L0709256-03	MW231_192	01	09/13/2007 17:56	

* Sample past 12 hour tune limit

INITIAL CALIBRATION SUMMARY

Login Number: L0709256

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
Dichloroethylene 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

9511533

KEMRON Environmental Services

INITIAL CALIBRATION DATA

Login Number: L0709256

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	11074.00000	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: L0709256

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
1,1-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: L0709256

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

KEMRON Environmental Services
ALTERNATE SOURCE CALIBRATION REPORT

9511536

Login Number: L0709256 Run Date: 09/06/2007 Sample ID: WG249372-11
Instrument ID: HPMS11 Run Time: 14:21 Method: 8260B
File ID: 11M45228 Analyst: 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	
Tetrachloroethane		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: 875709
Report generated 09/19/2007 15:41

Login Number: L0709256 Run Date: 09/13/2007 Sample ID: WG250006-02
 Instrument ID: HPMS11 Run Time: 11:26 Method: 8260B
 File ID: 11M45428 Analyst: MRS QC Key: STD
 Workgroup (AAB#): WG250008 Cal ID: HPMS11 - 05-SEP-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	53.3	ug/L	0.530	6.57	20	
1,1-Dichloroethene	CCC	50.0	57.9	ug/L	0.548	15.8	20	
1,2-Dichloropropane	CCC	50.0	52.9	ug/L	0.286	5.87	20	
Ethylbenzene	CCC	50.0	55.2	ug/L	0.552	10.4	20	
Toluene	CCC	50.0	53.8	ug/L	1.52	7.56	20	
Vinyl Chloride	CCC	50.0	50.1	ug/L	0.332	0.282	20	
Bromoform	SPCC	50.0	53.3	ug/L	0.170	6.69	40	
Chlorobenzene	SPCC	50.0	52.5	ug/L	0.997	4.95	40	
Chloromethane	SPCC	50.0	47.7	ug/L	0.332	4.68	40	
1,1-Dichloroethane	SPCC	50.0	54.2	ug/L	0.613	8.36	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	55.1	ug/L	0.421	10.1	40	
Acetone		50.0	58.5	ug/L	0.0461	17.1	40	
Benzene		50.0	50.2	ug/L	0.970	0.476	40	
Bromodichloromethane		50.0	55.3	ug/L	0.386	10.7	40	
Bromomethane		50.0	49.6	ug/L	0.173	0.870	40	
2-Butanone		50.0	60.6	ug/L	0.0637	21.3	40	
Carbon Disulfide		50.0	51.0	ug/L	0.749	2.09	40	
Carbon Tetrachloride		50.0	51.6	ug/L	0.433	3.22	40	
Dibromochloromethane		50.0	53.3	ug/L	0.335	6.56	40	
Chloroethane		50.0	52.1	ug/L	0.229	4.13	40	
1,2-Dichloroethane		50.0	55.8	ug/L	0.465	11.5	40	
cis-1,2-Dichloroethene		50.0	51.6	ug/L	0.265	3.27	40	
trans-1,2-Dichloroethene		50.0	52.3	ug/L	0.261	4.51	40	
cis-1,3-Dichloropropene		50.0	53.9	ug/L	0.420	7.81	40	
trans-1,3-Dichloropropene		50.0	58.4	ug/L	0.572	16.8	40	
2-Hexanone		50.0	60.3	ug/L	0.140	20.6	40	
4-Methyl-2-Pentanone		50.0	53.4	ug/L	0.0625	6.76	40	
Methylene Chloride		50.0	48.9	ug/L	0.250	2.14	40	
Styrene		50.0	55.3	ug/L	1.09	10.5	40	
Tetrachloroethene		50.0	50.1	ug/L	0.274	0.159	40	
1,1,1-Trichloroethane		50.0	56.5	ug/L	0.530	13.1	40	
1,1,2-Trichloroethane		50.0	51.9	ug/L	0.230	3.79	40	
Trichloroethane		50.0	50.8	ug/L	0.246	1.57	40	
o-Xylene		50.0	53.5	ug/L	0.649	6.94	40	
m-,p-Xylene		100	109	ug/L	0.689	8.81	40	
1,2-Dichloroethene		100	104	ug/L	0.263	3.89	40	
Xylenes		150	162	ug/L	0.669	8.19	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: 875711
 Report generated 09/19/2007 15:41

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

9511538

Login Number:L0709256_____

Instrument ID:HPMS11_____

Workgroup (AAB#):WG250008_____

CCV Number:WG250006-02_____

CAL ID: HPMS11-05-SEP-07_____

Matrix:WATER_____

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG250006-02	NA	NA	335543	619741	909762
Upper Limit	NA	NA	671086	1239482	1819524
Lower Limit	NA	NA	167772	309871	454881
L0709256-03	1.00	01	304499	572119	845762
WG250008-01	1.00	01	315918	589731	882055
WG250008-02	1.00	01	324175	598764	870369
WG250008-03	1.00	01	299706	568684	831456
WG250008-04	1.00	01	311066	577760	845111
WG250008-05	1.00	01	313922	575934	848418

IS-1 - 1,4-Dichlorobenzene-d4

IS-2 - Chlorobenzene-d5

IS-3 - Fluorobenzene

Underline = Response outside limits

9511539

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

Login Number: L0709256_____
Instrument ID: HPMS11_____
Workgroup (AAB#): WG250008_____

CCV Number: WG250006-02_____
CAL ID: HPMS11-05-SEP-07_____
Matrix: WATER_____

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG250006-02	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
L0709256-03	1.00	01	16.823	14.01	10.381
WG250008-01	1.00	01	16.822	14.01	10.381
WG250008-02	1.00	01	16.823	14.01	10.381
WG250008-03	1.00	01	16.823	14.01	10.381
WG250008-04	1.00	01	16.823	14.01	10.381
WG250008-05	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

2.1.1.3 Sample Data

Data File : C:\MSDCHEM\1\DATA\091307\11M45441.D

Vial: 15

Acq On : 13 Sep 2007 17:56

Operator: MES

Sample : L0709256-03 A 826-SPE

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 13 18:18:29 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	845762	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	572119	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	304499	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	198141	22.6882484	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	90.75%		
42) 1,2-Dichloroethane-d4	9.988	65	266226	23.2579607	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	93.03%		
56) Toluene-d8	12.242	98	718813	23.6338950	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	94.54%		
77) p-Bromofluorobenzene	15.406	95	293461	24.3067049	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	97.23%		
Target Compounds						
3) Chloromethane	3.51	50	1212	0.1029	ug/L #	65
5) 1,3-Butadiene	3.71	54	192	Below Cal	#	1
13) Acetone	6.09	43	3267	2.4536	ug/L	94
19) Methylene Chloride	7.06	84	1947	Below Cal		69
29) 2-Butanone	8.64	43	200	0.1126	ug/L #	55
92) n-Butylbenzene	17.05	91	2955	0.1011	ug/L #	70
95) 1,2,4-Trichlorobenzene	19.29	180	1968	0.3457	ug/L #	60
96) Hexachlorobutadiene	19.45	225	683	0.1929	ug/L #	60
97) Naphthalene	19.64	128	5309	0.4413	ug/L #	70
98) 1,2,3-Trichlorobenzene	19.92	180	2248	0.2853	ug/L	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45441.D 8260WT.M Thu Sep 13 18:18:32 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\091307\11M45441.D

Vial: 15

Acq On : 13 Sep 2007 17:56

Operator: MES

Sample : L0709256-03 A 826-SPE

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 13 18:18 2007

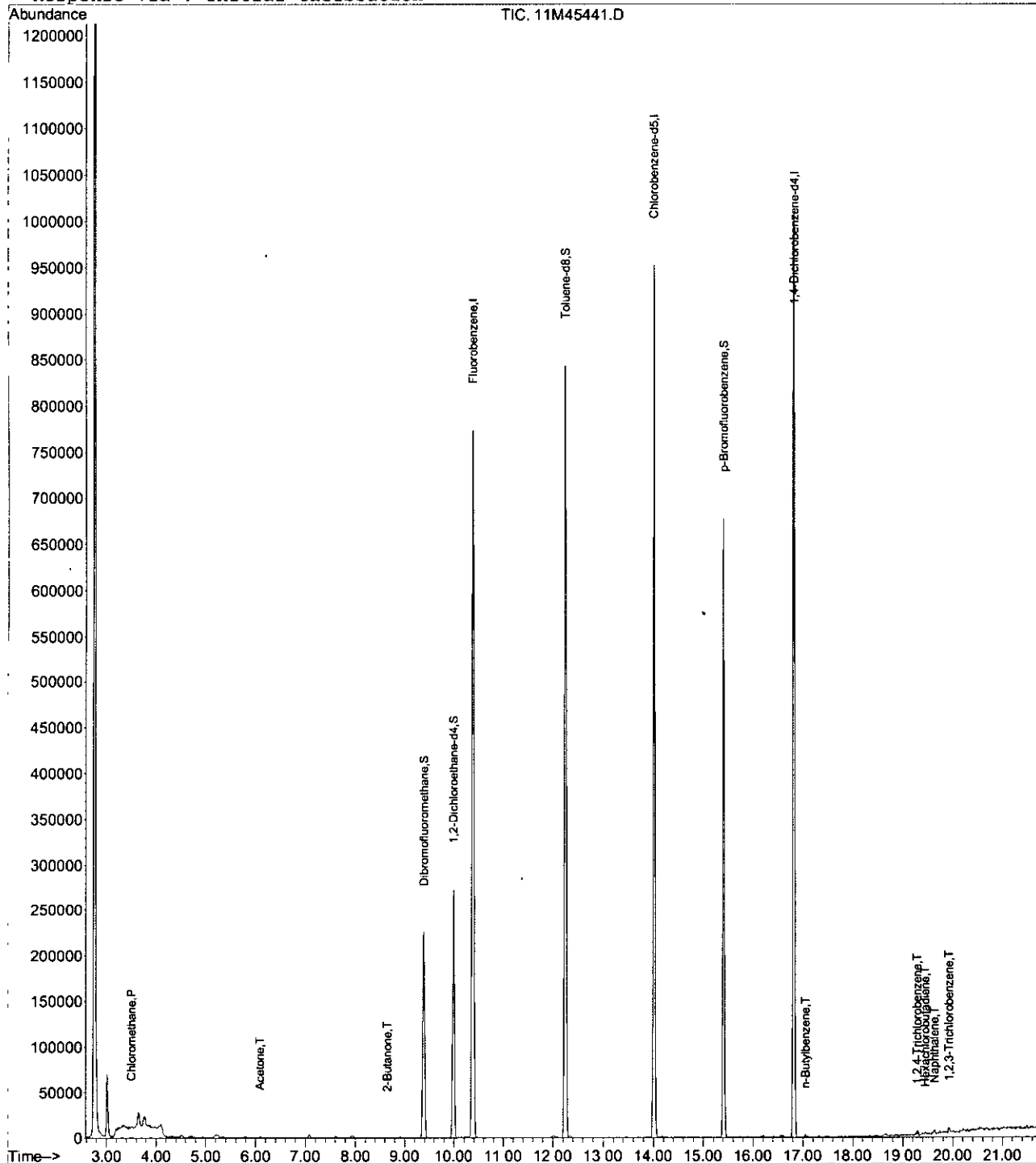
Quant Results File: 8260WT.RES

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

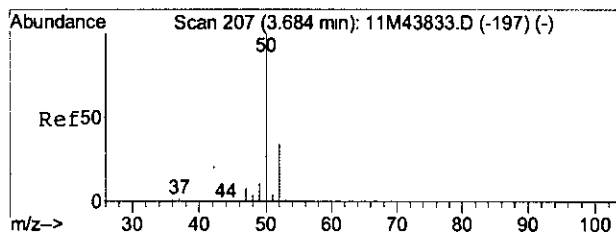
Response via : Initial Calibration



11M45441.D 8260WT.M

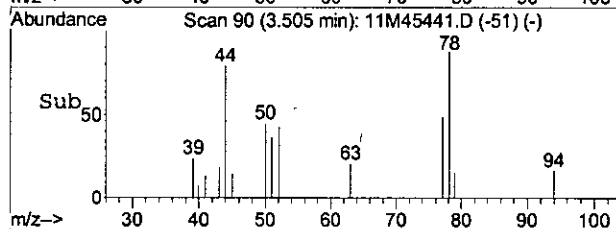
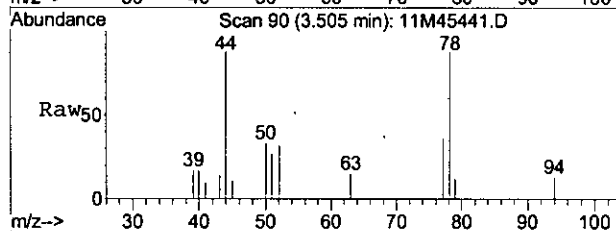
Thu Sep 13 18:18:33 2007

Page 2

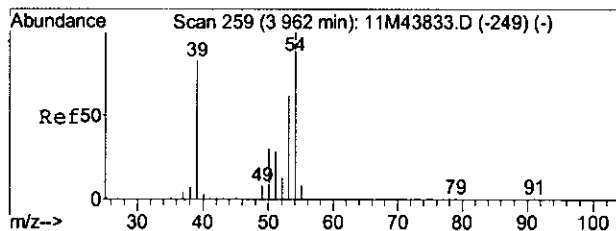
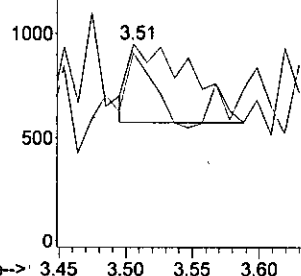


#3
Chloromethane
Concen: 0.1029 ug/L
RT: 3.51 min Scan# 90
Delta R.T. 0.00 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

Tgt Ion: 50 Resp: 1212
Ion Ratio Lower Upper
50 100
52 54.0 20.5 47.7#

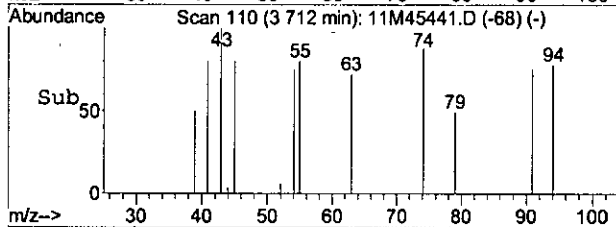
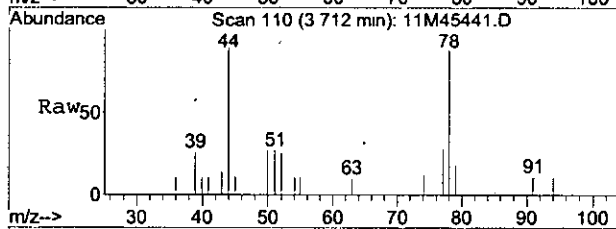


Abundance Ion 50.00 (49.70 to 50.70): 11
Ion 52.00 (51.70 to 52.70): 11

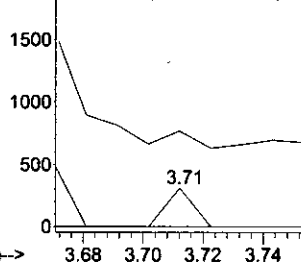


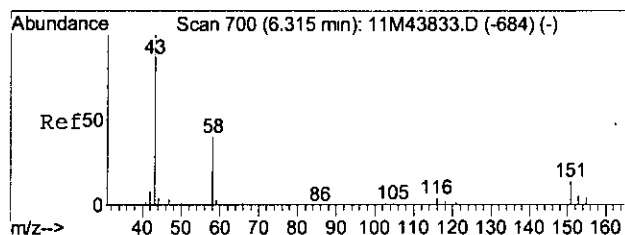
#5
1,3-Butadiene
Concen: Below Cal
RT: 3.71 min Scan# 110
Delta R.T. -0.06 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

Tgt Ion: 54 Resp: 192
Ion Ratio Lower Upper
54 100
39 977.6 48.9 114.1#
53 0.0 40.8 95.2#



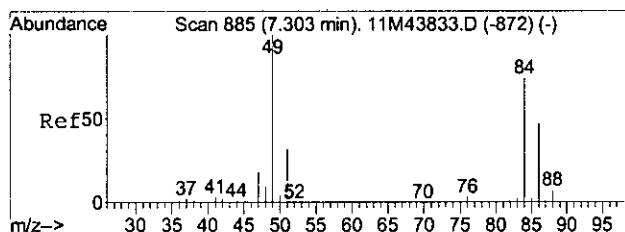
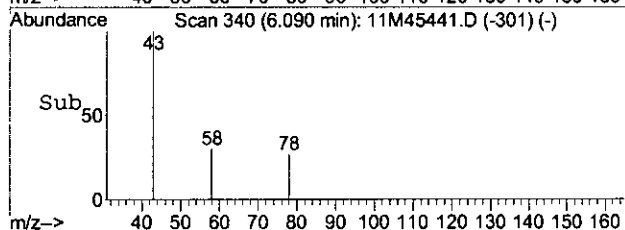
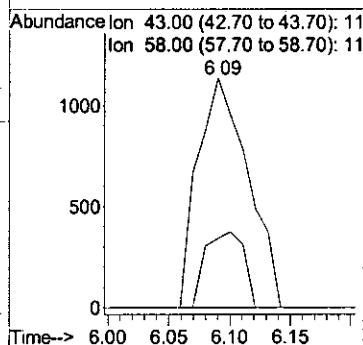
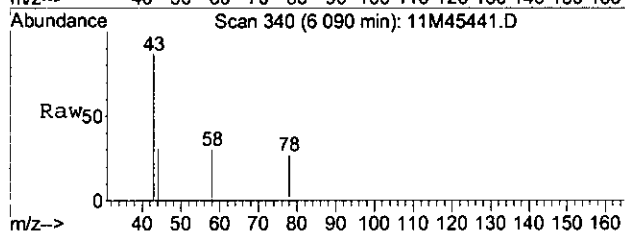
Abundance Ion 54.00 (53.70 to 54.70): 11
Ion 39.00 (38.70 to 39.70): 11
Ion 53.00 (52.70 to 53.70): 11





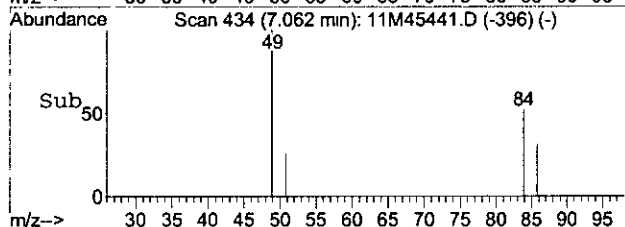
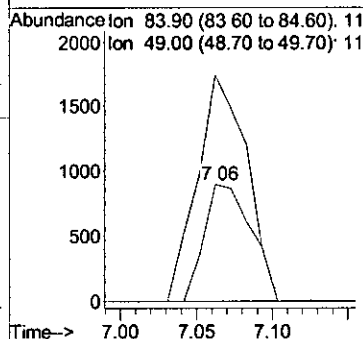
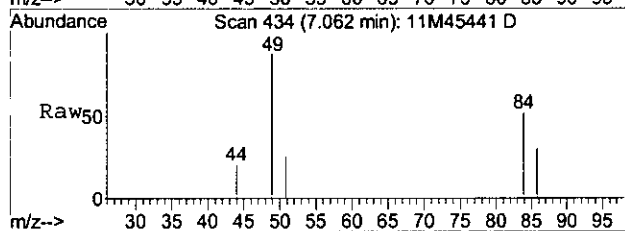
#13
Acetone
Concen: 2.4536 ug/L
RT: 6.09 min Scan# 340
Delta R.T. 0.00 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

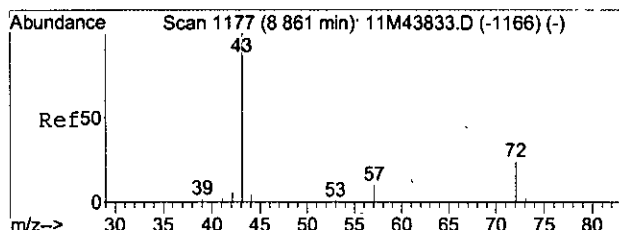
Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 25.4 17.2 40.0



#19
Methylene Chloride
Concen: Below Cal
RT: 7.06 min Scan# 434
Delta R.T. -0.01 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

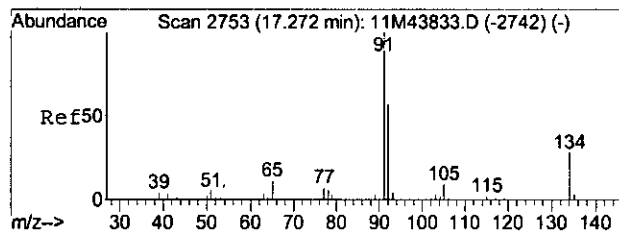
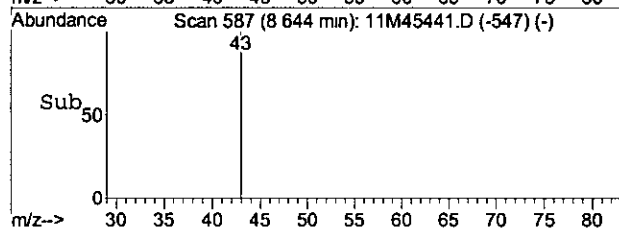
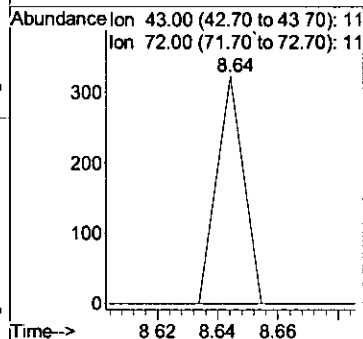
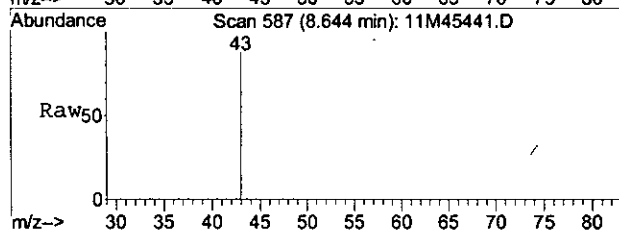
Tgt Ion: 84 Resp: 1947
Ion Ratio Lower Upper
84 100
49 201.6 96.7 225.5





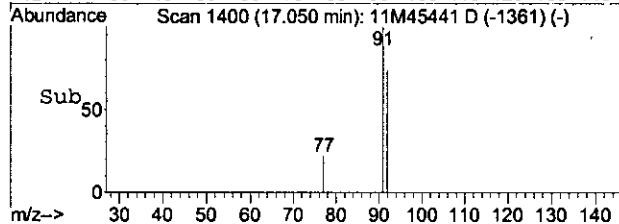
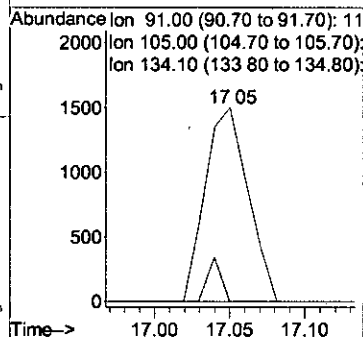
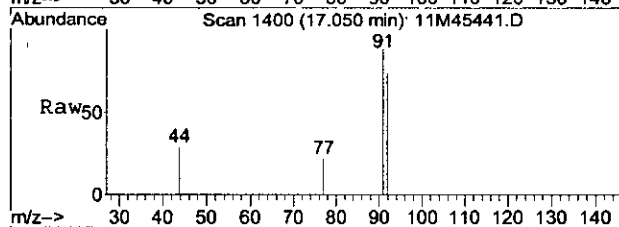
#29
2-Butanone
Concen: 0.1126 ug/L
RT: 8.64 min Scan# 587
Delta R.T. 0.01 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
72 0.0 12.8 30.0#

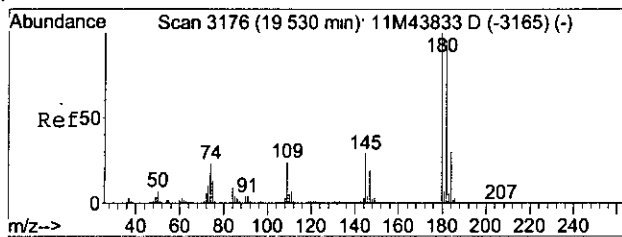


#92
n-Butylbenzene
Concen: 0.1011 ug/L
RT: 17.05 min Scan# 1400
Delta R.T. 0.00 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

Tgt Ion: 91 Resp: 2955
Ion Ratio Lower Upper
91 100
105 0.0 4.9 11.3#
134 7.2 13.7 32.1#

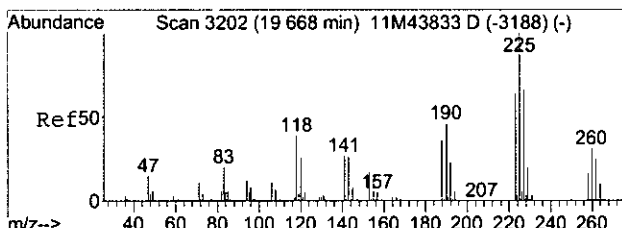
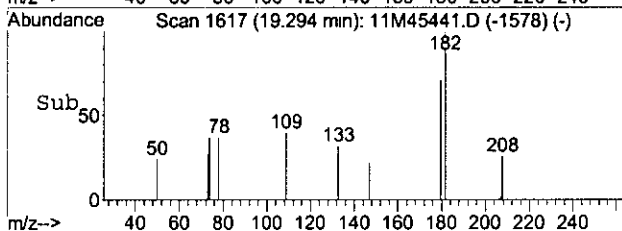
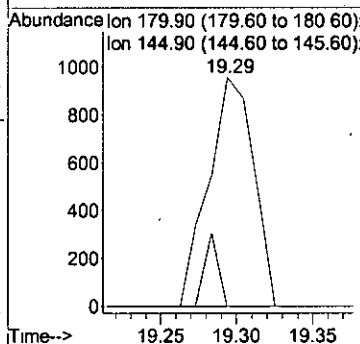
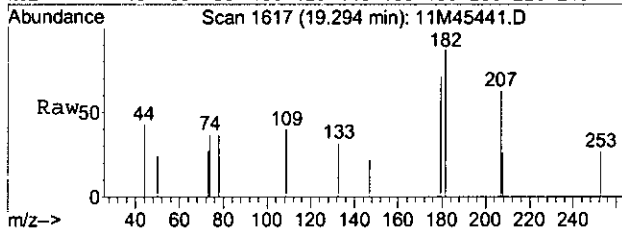


9511546



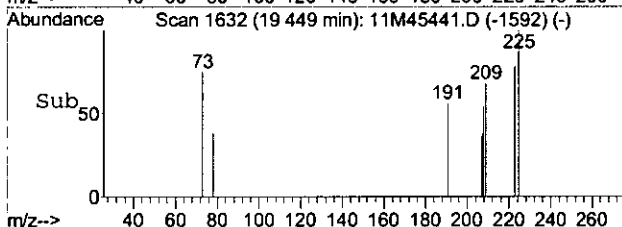
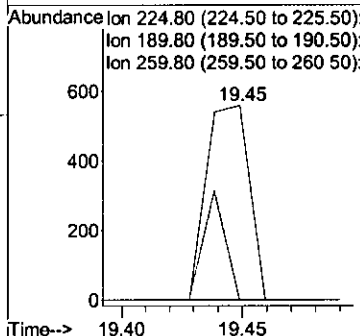
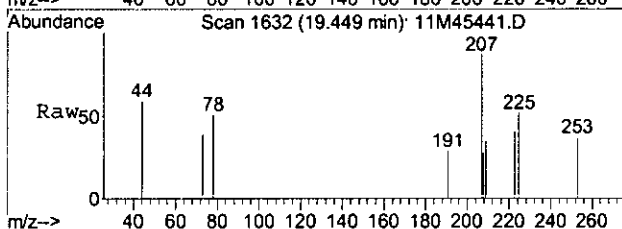
#95
1,2,4-Trichlorobenzene
Concen: 0.3457 ug/L
RT: 19.29 min Scan# 1617
Delta R.T. 0.00 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

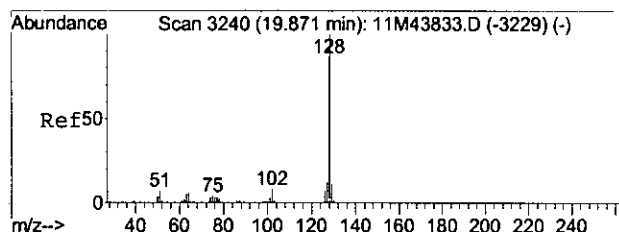
Tgt Ion:180 Resp: 1968
Ion Ratio Lower Upper
180 100
145 9.7 19.2 44.8#



#96
Hexachlorobutadiene
Concen: 0.1929 ug/L
RT: 19.45 min Scan# 1632
Delta R.T. 0.01 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

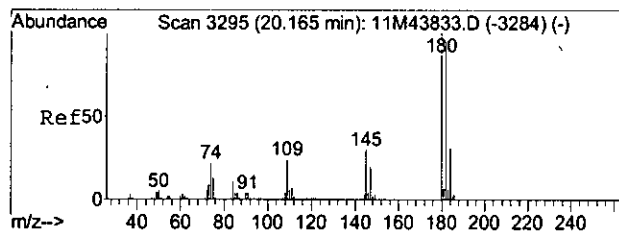
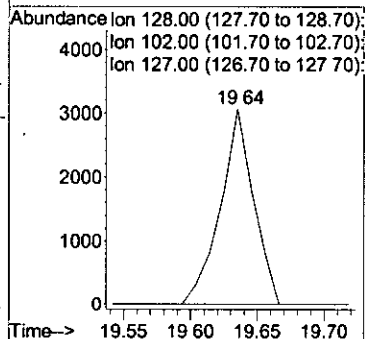
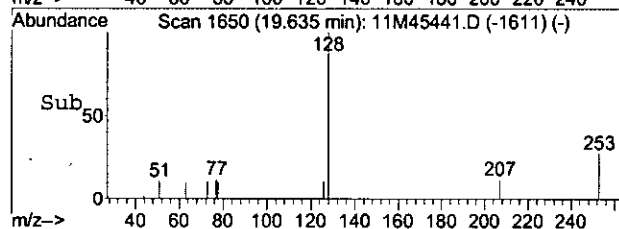
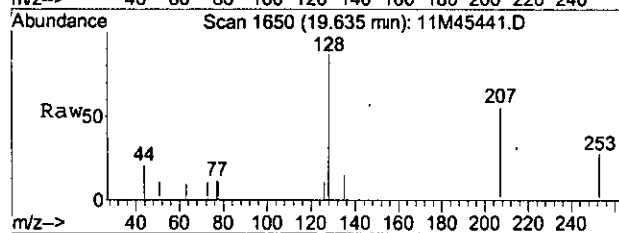
Tgt Ion:225 Resp: 683
Ion Ratio Lower Upper
225 100
190 28.6 32.3 75.3#
260 0.0 15.5 36.1#





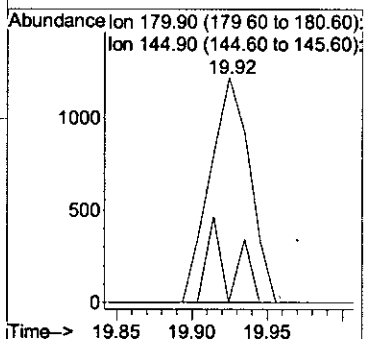
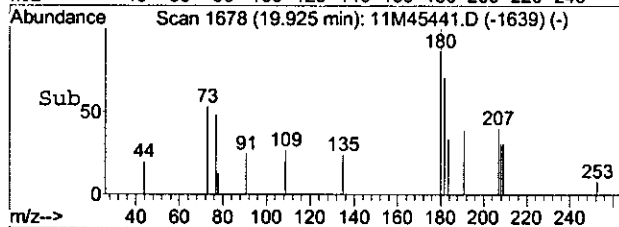
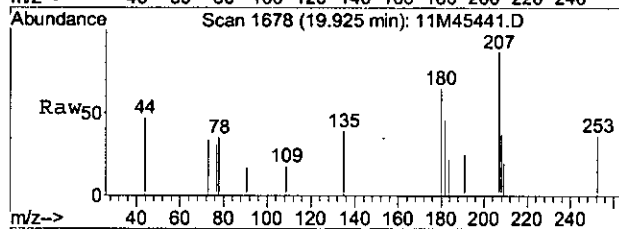
#97
Naphthalene
Concen: 0.4413 ug/L
RT: 19.64 min Scan# 1650
Delta R.T. 0.00 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

Tgt Ion:128 Resp: 5309
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: 0.2853 ug/L
RT: 19.92 min Scan# 1678
Delta R.T. 0.00 min
Lab File: 11M45441.D
Acq: 13 Sep 2007 17:56

Tgt Ion:180 Resp: 2248
Ion Ratio Lower Upper
180 100
145 22.3 20.3 47.3



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

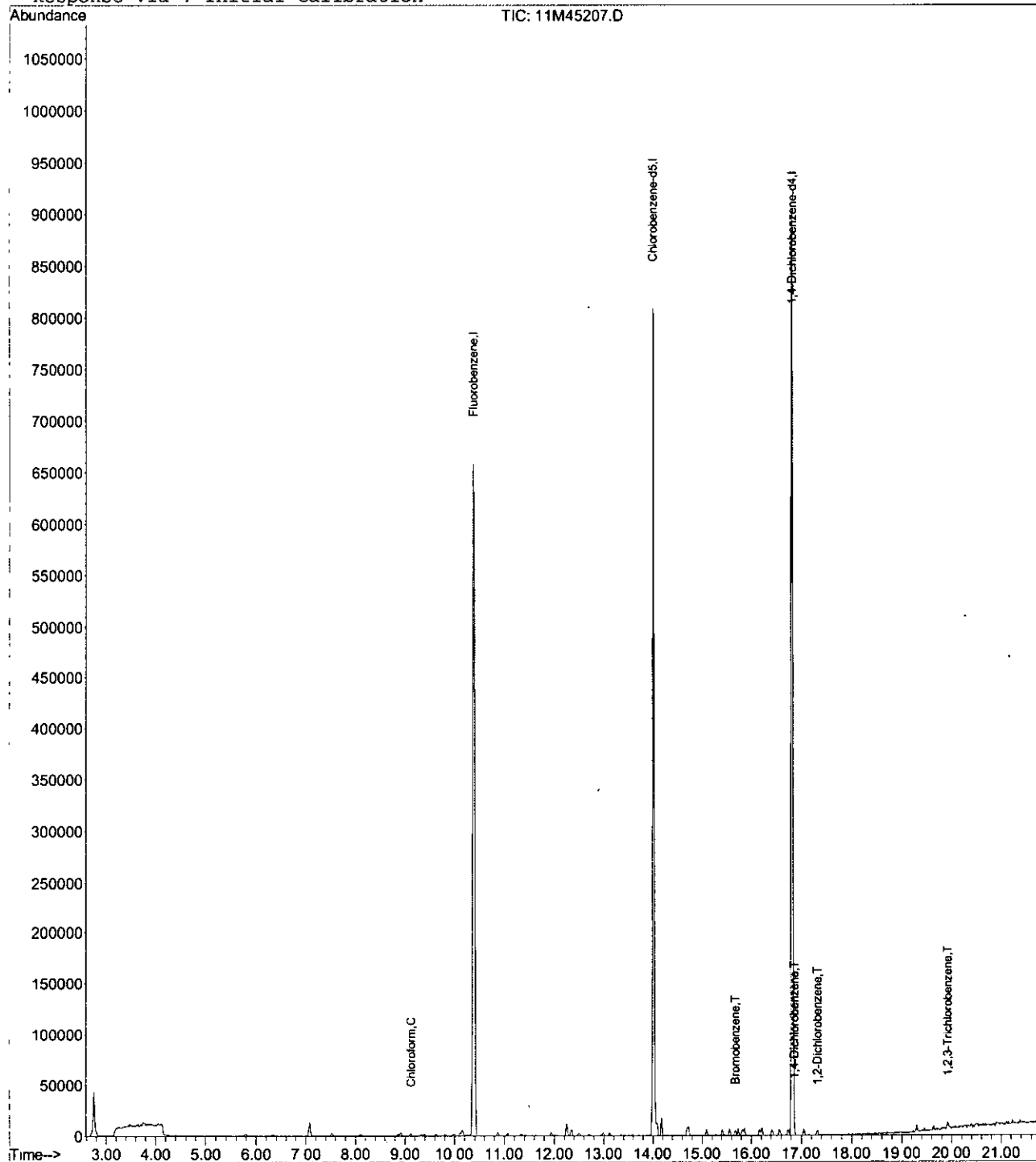
Quant Results File: 8260WT.RES

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

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

Vial: 4
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\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	R.T.	QIon	Response	Conc	Units	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

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

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 6 17:22 2007

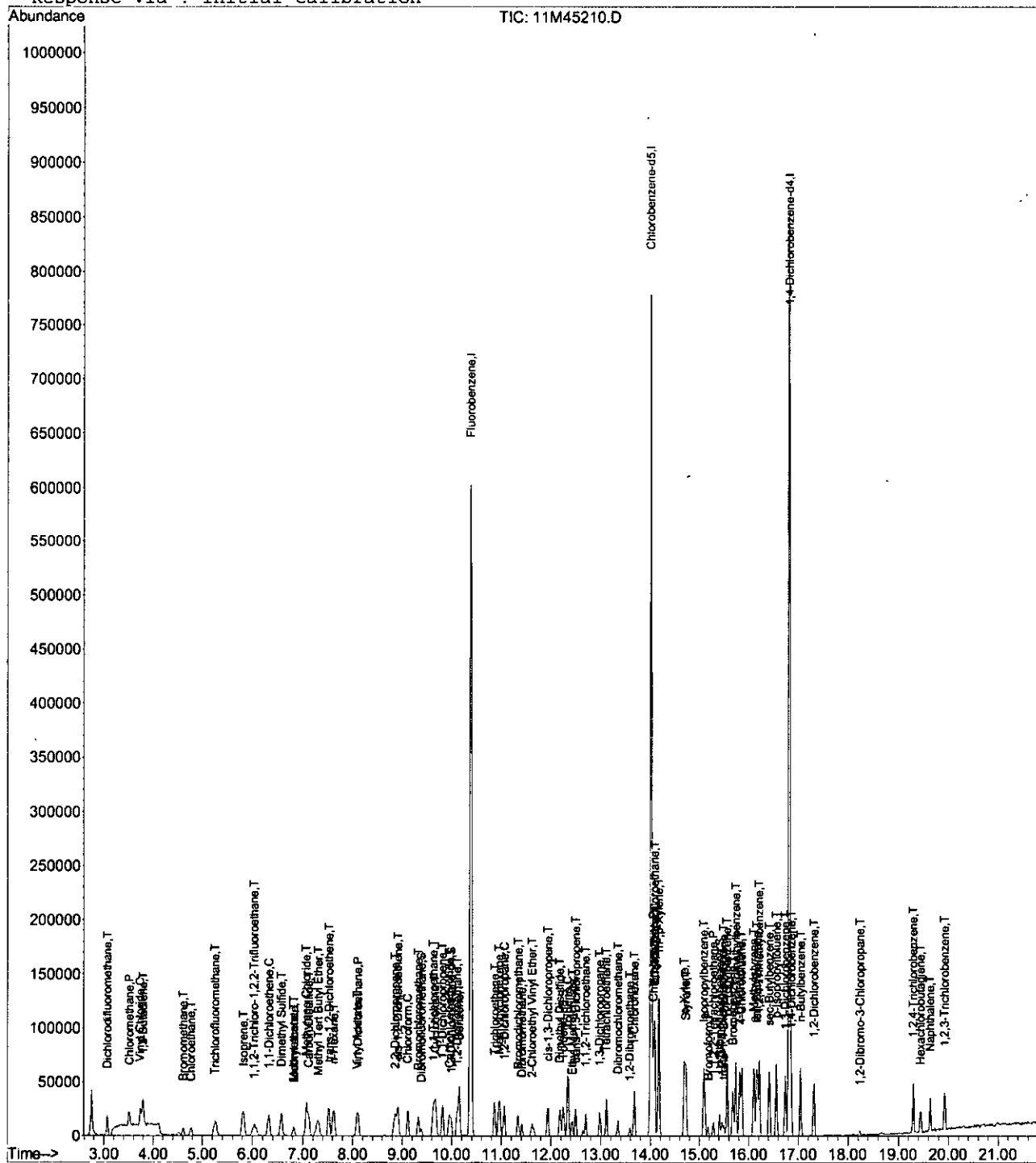
Quant Results File: 8260WT.RES

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

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

Vial: 6

Acq On : 5 Sep 2007 15:51

Operator: MES

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

Inst : HPM

Misc : 1,1 STD21737

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 6 17:23 2007

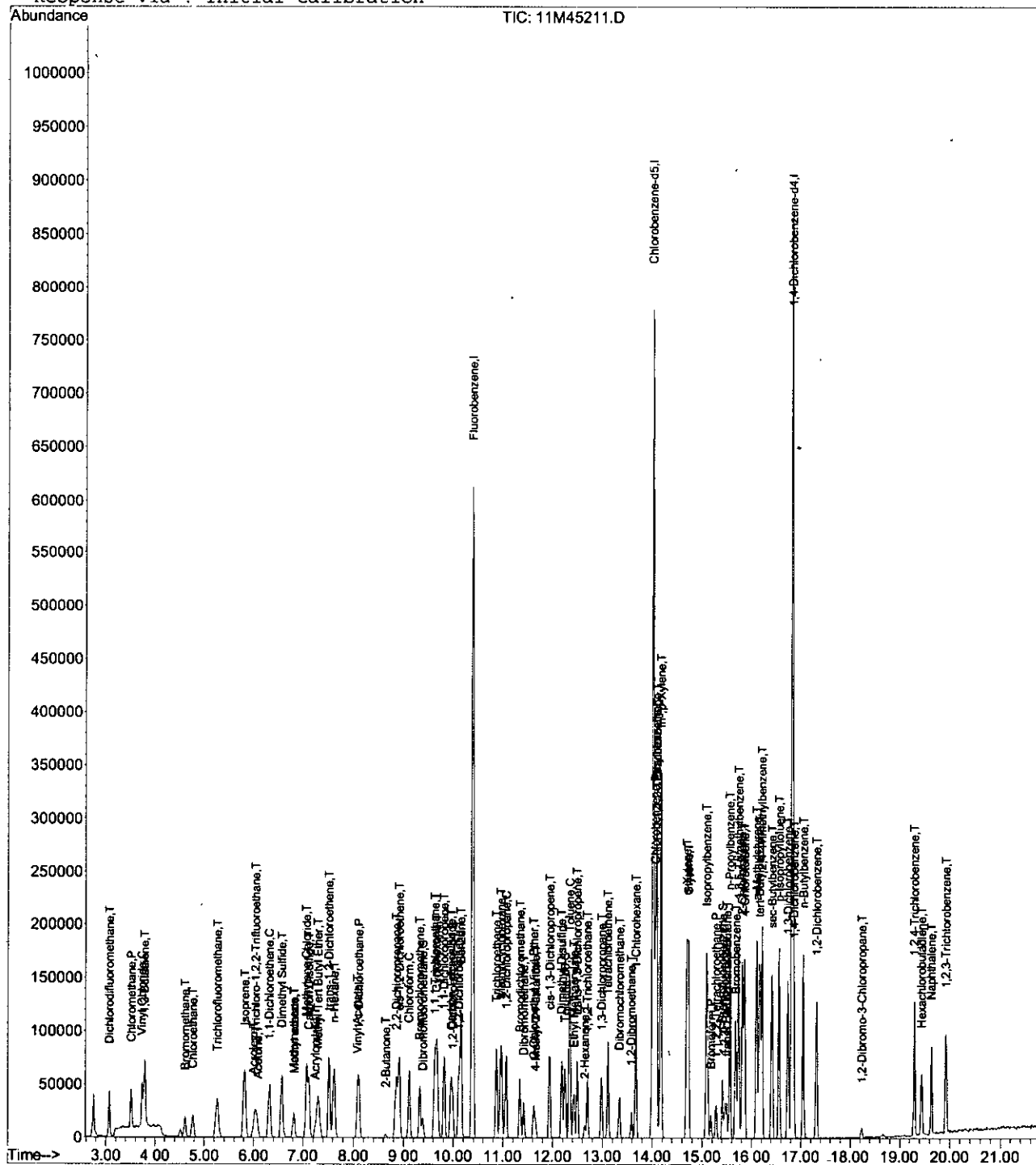
Quant Results File: 8260WT.RES

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



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

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

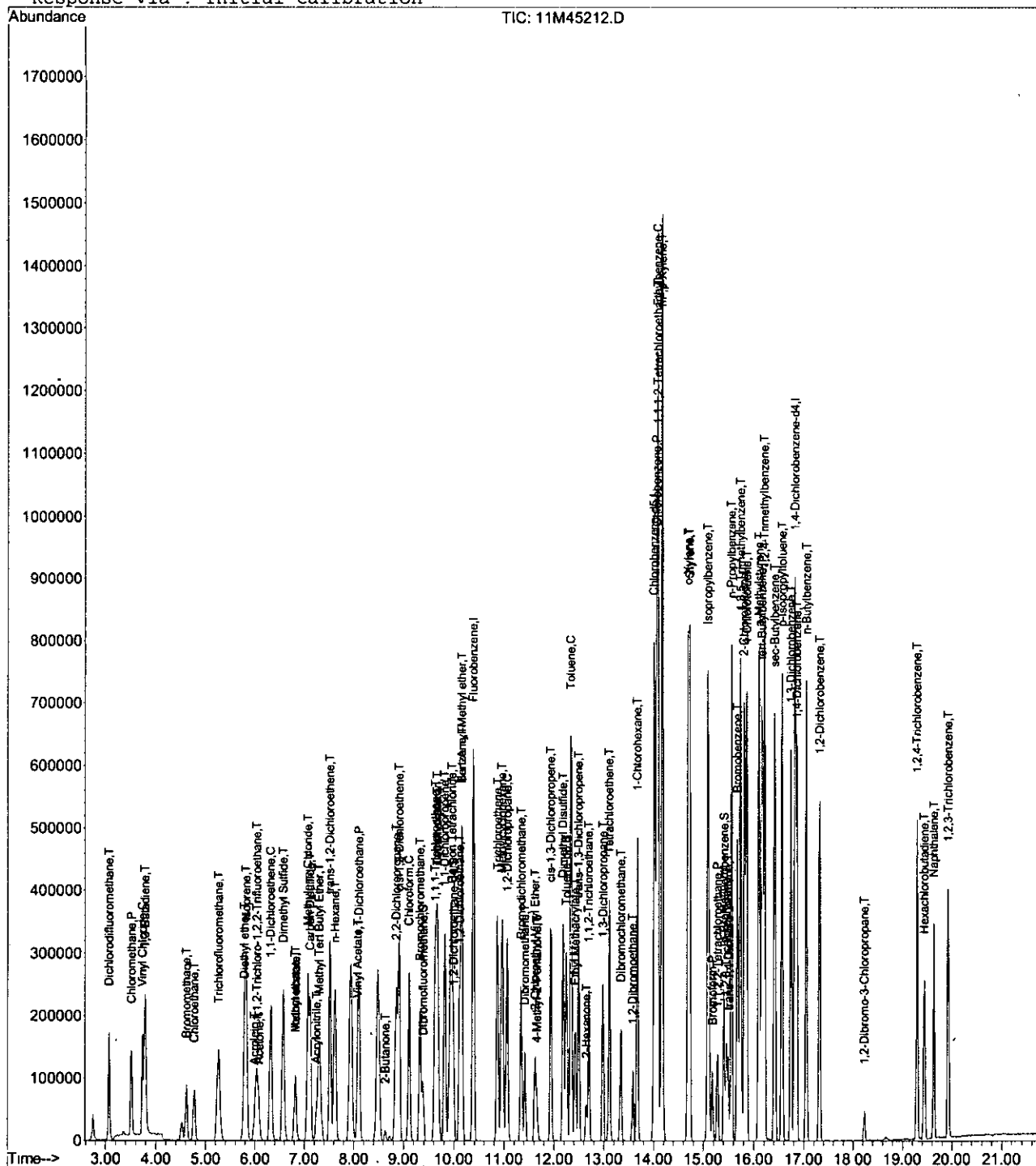
{#} = qualifier out of range (m) = manual integration (+) = signals summed
11M45212.D 8260WT.M Wed Sep 05 16:43:51 2007

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

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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

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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-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

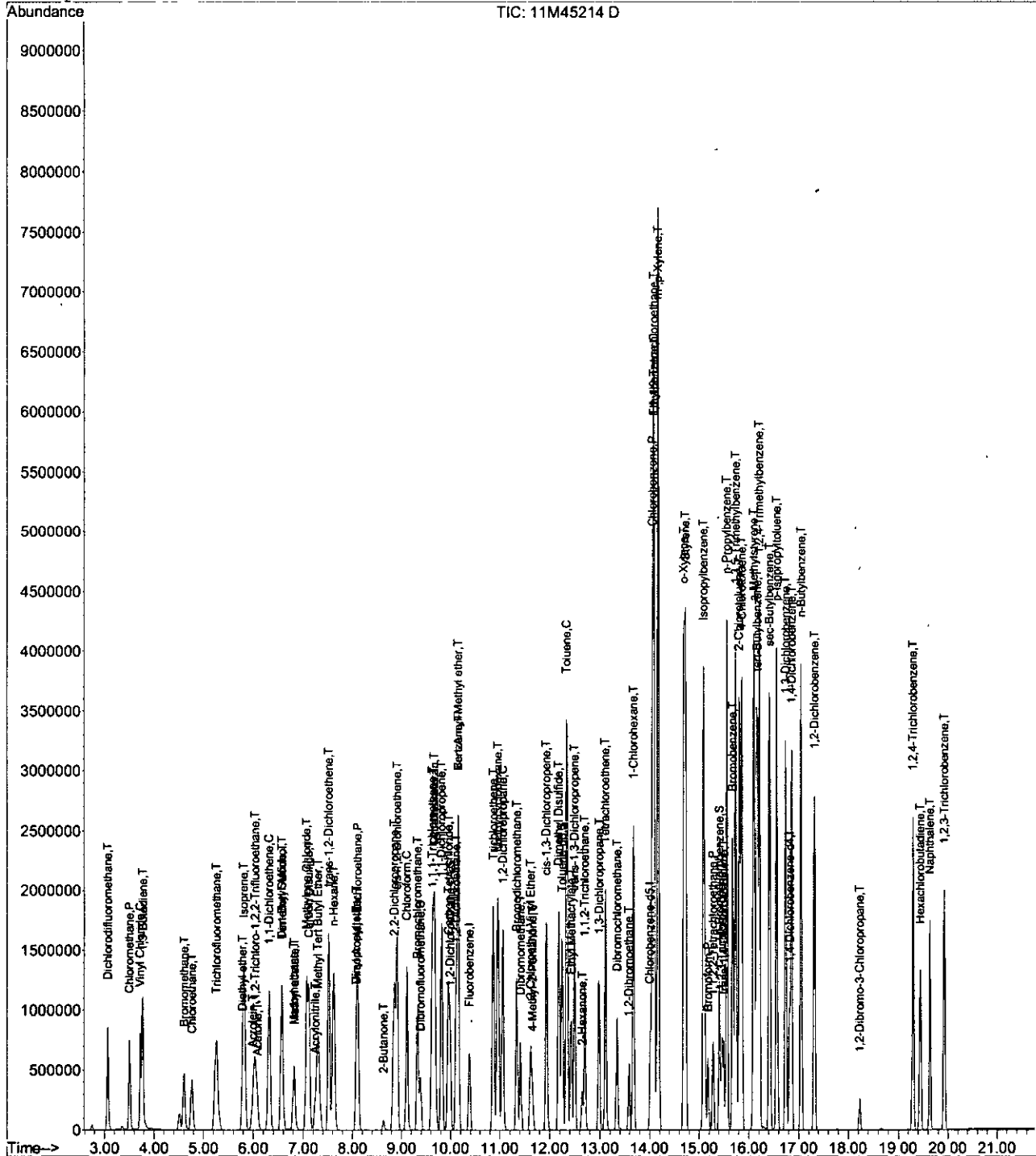
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45214.D 8260WT.M Wed Sep 05 17:43:47 2007

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



11M45214.D 8260WT.M Wed Sep 05 17:43:48 2007

Page 3

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						
					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
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

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

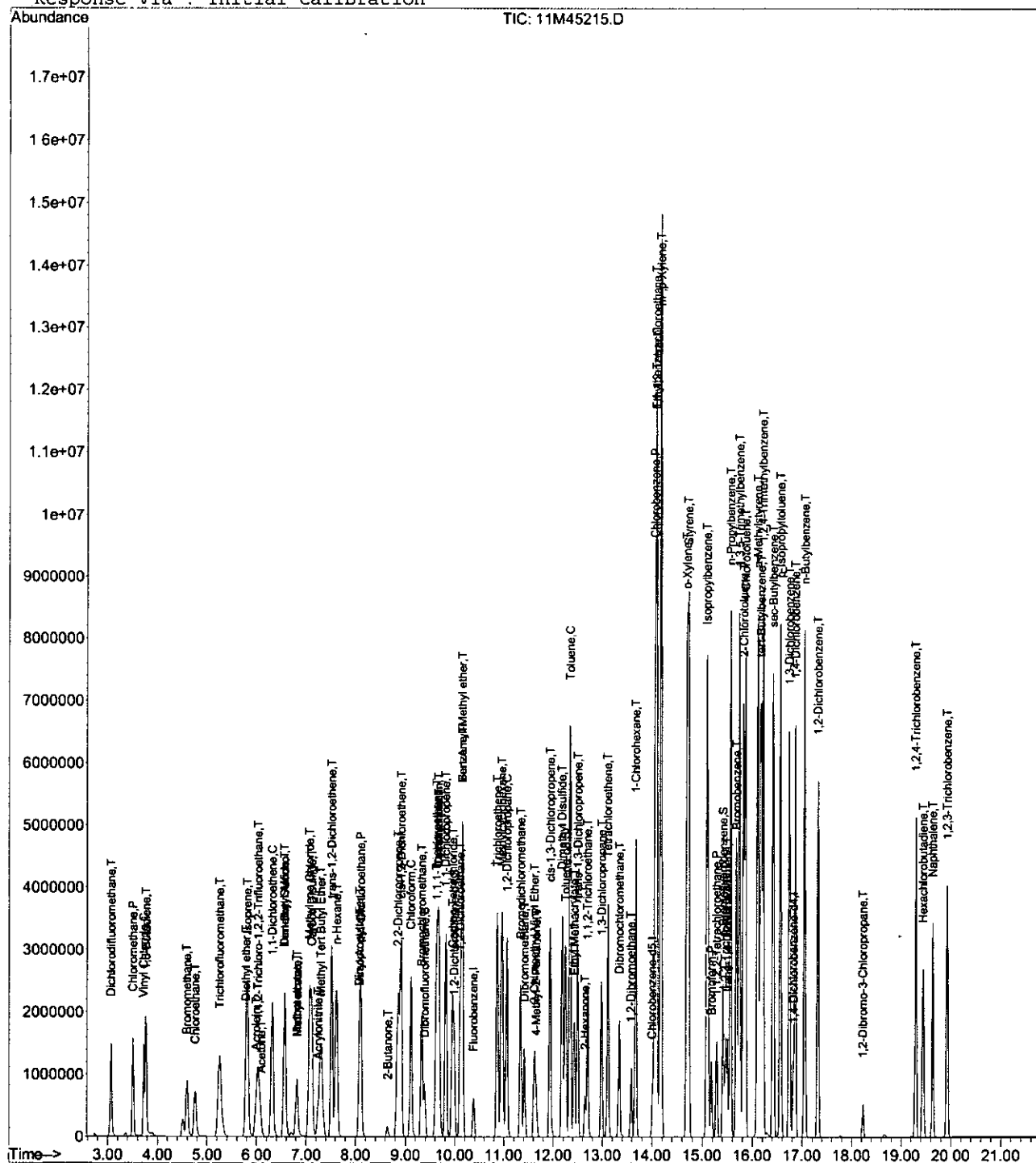
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45215.D 8260WT.M Wed Sep 05 18:13:32 2007

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



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

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

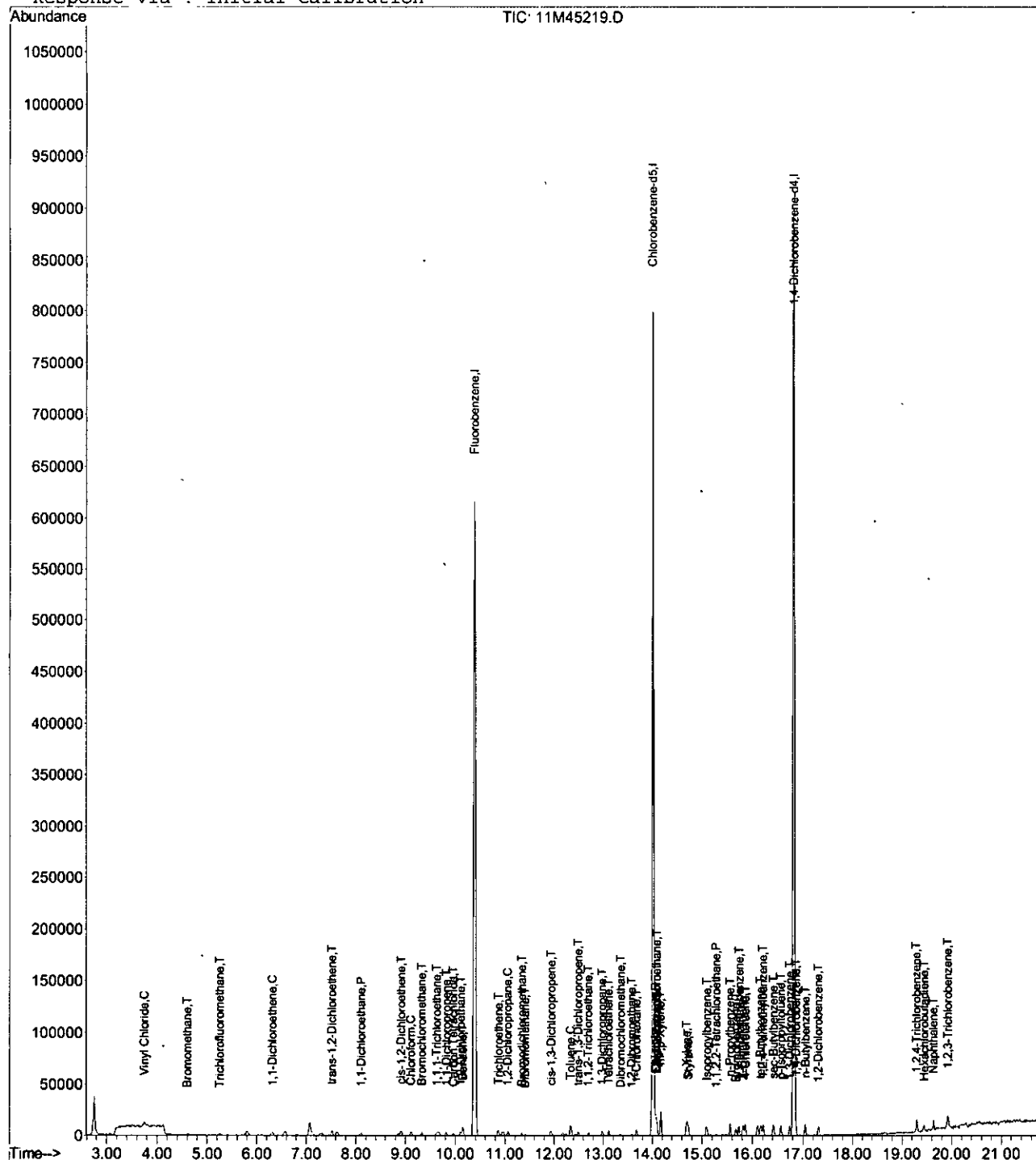
(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45219.D 8260WT.M Thu Sep 06 17:18:23 2007

Data File : C:\MSDCHEM\1\DATA\090507\11M45219.D
Acq On : 5 Sep 2007 19:51
Sample : WG249372-03 0.4ug/L WATER STD 8260
Misc : 1,1 STD21737
MS Integration Params: rteint.p
Quant Time: Sep 6 17:18 2007

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

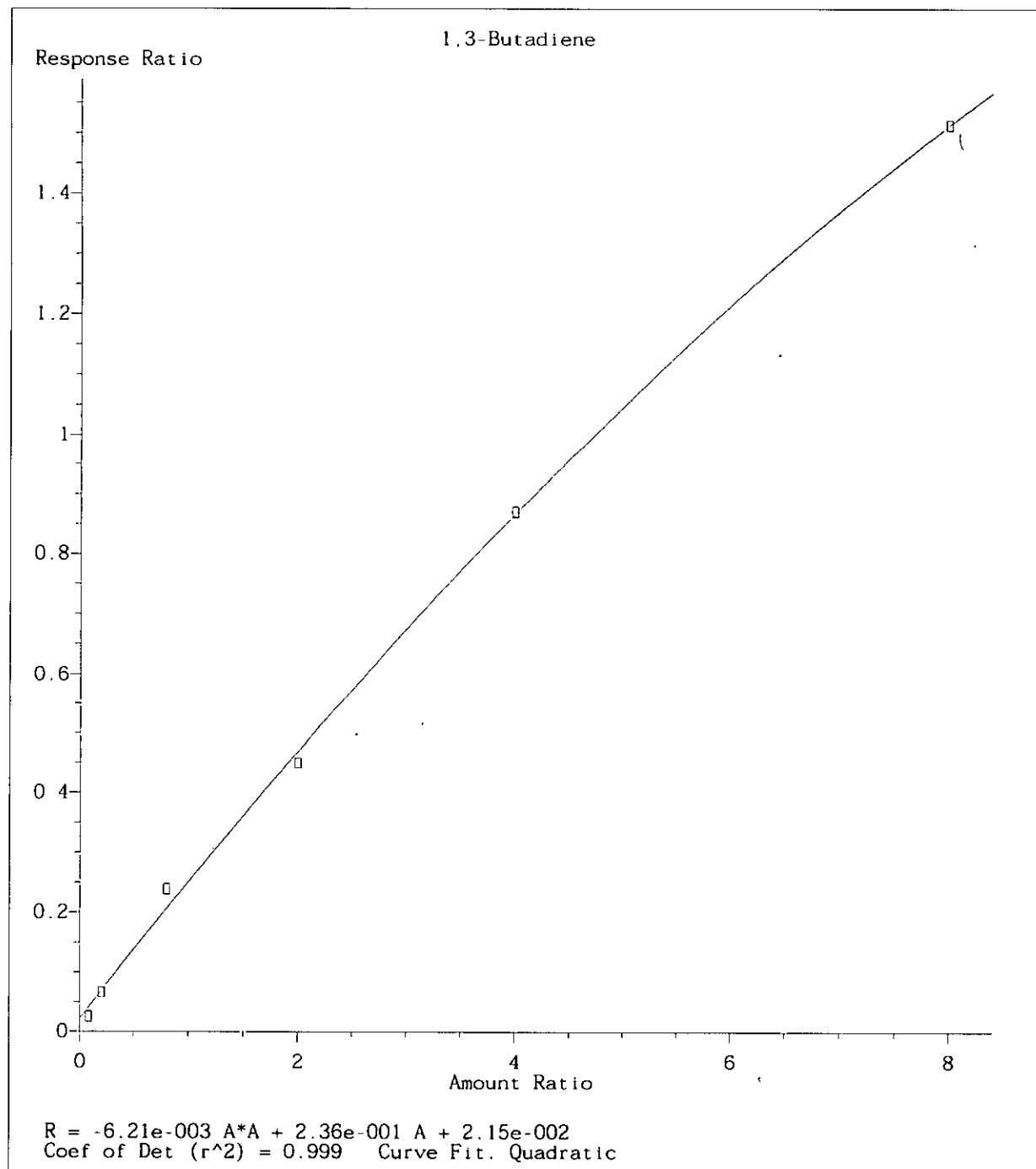
Quant Results File: 8260WT.RES

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

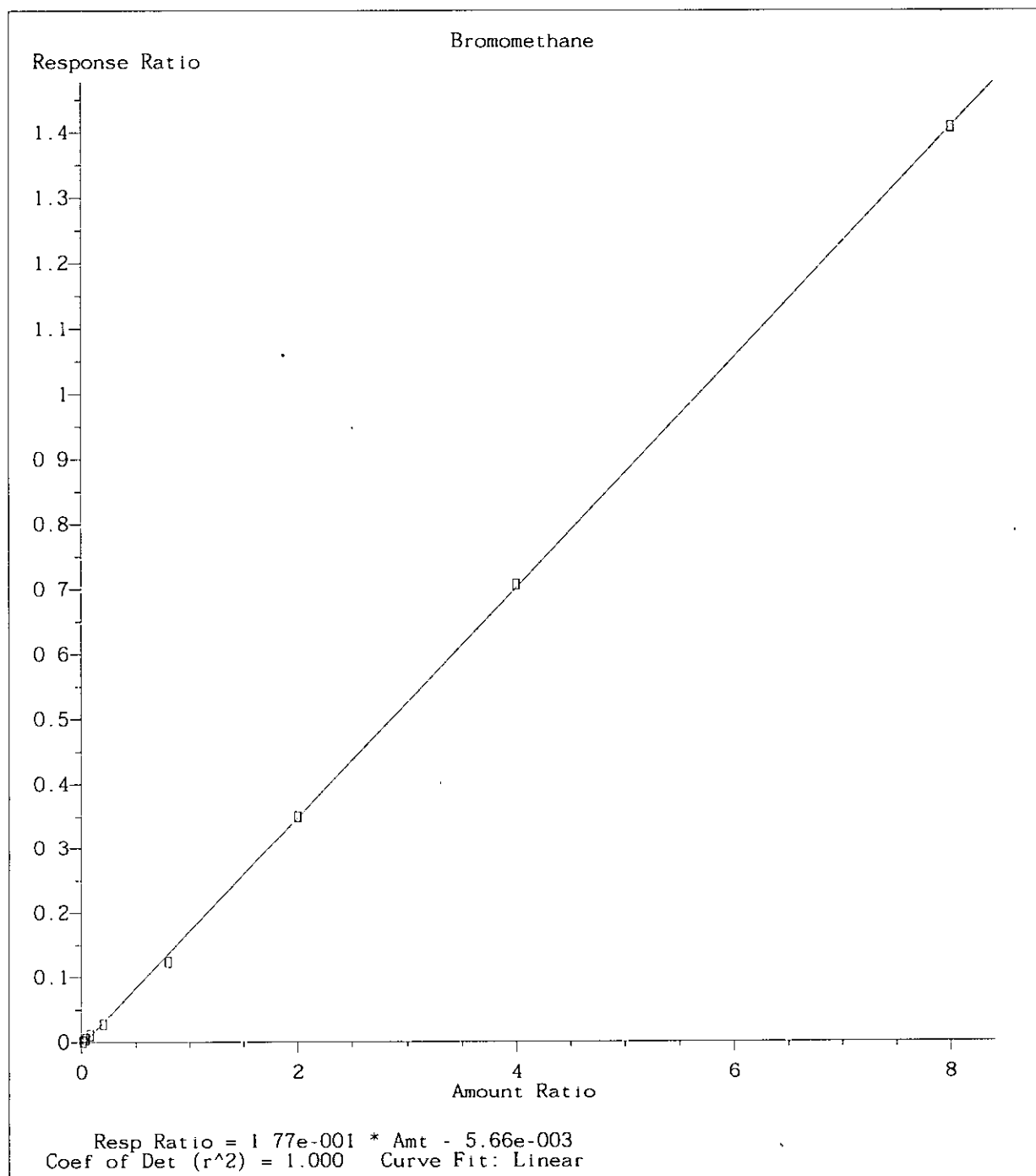


11M45219.D 8260WT.M Thu Sep 06 17:18:24 2007

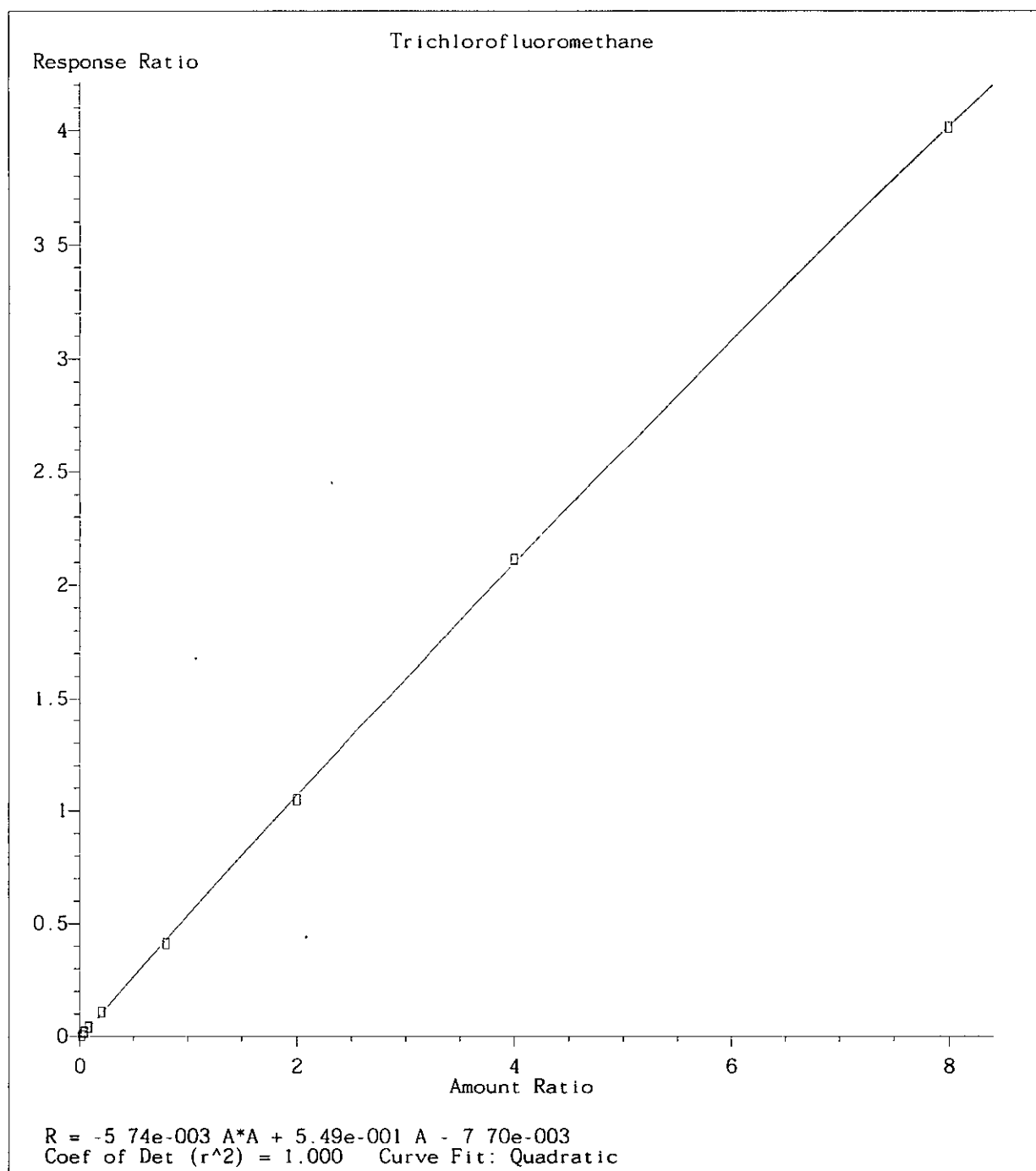
Page 3



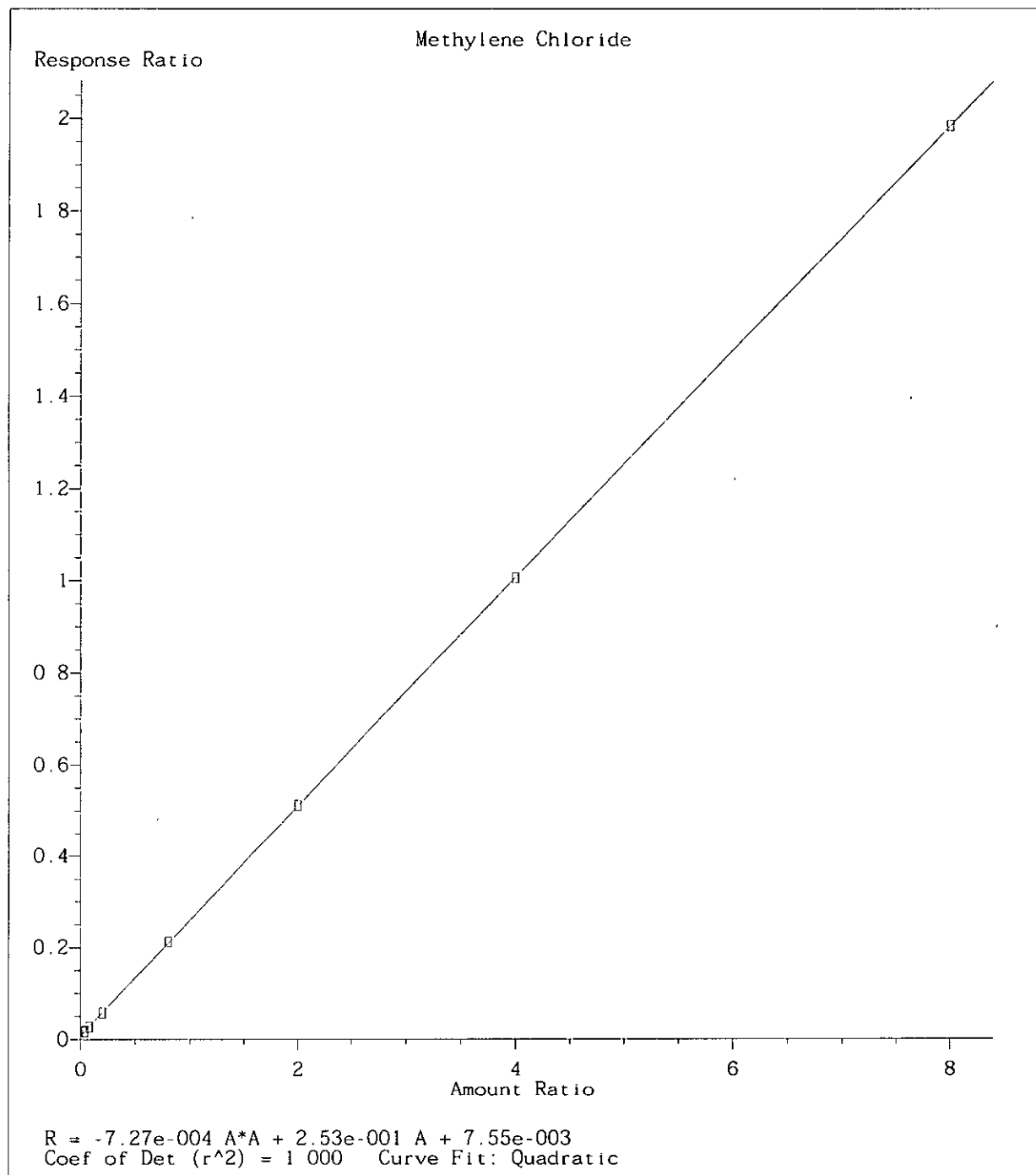
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



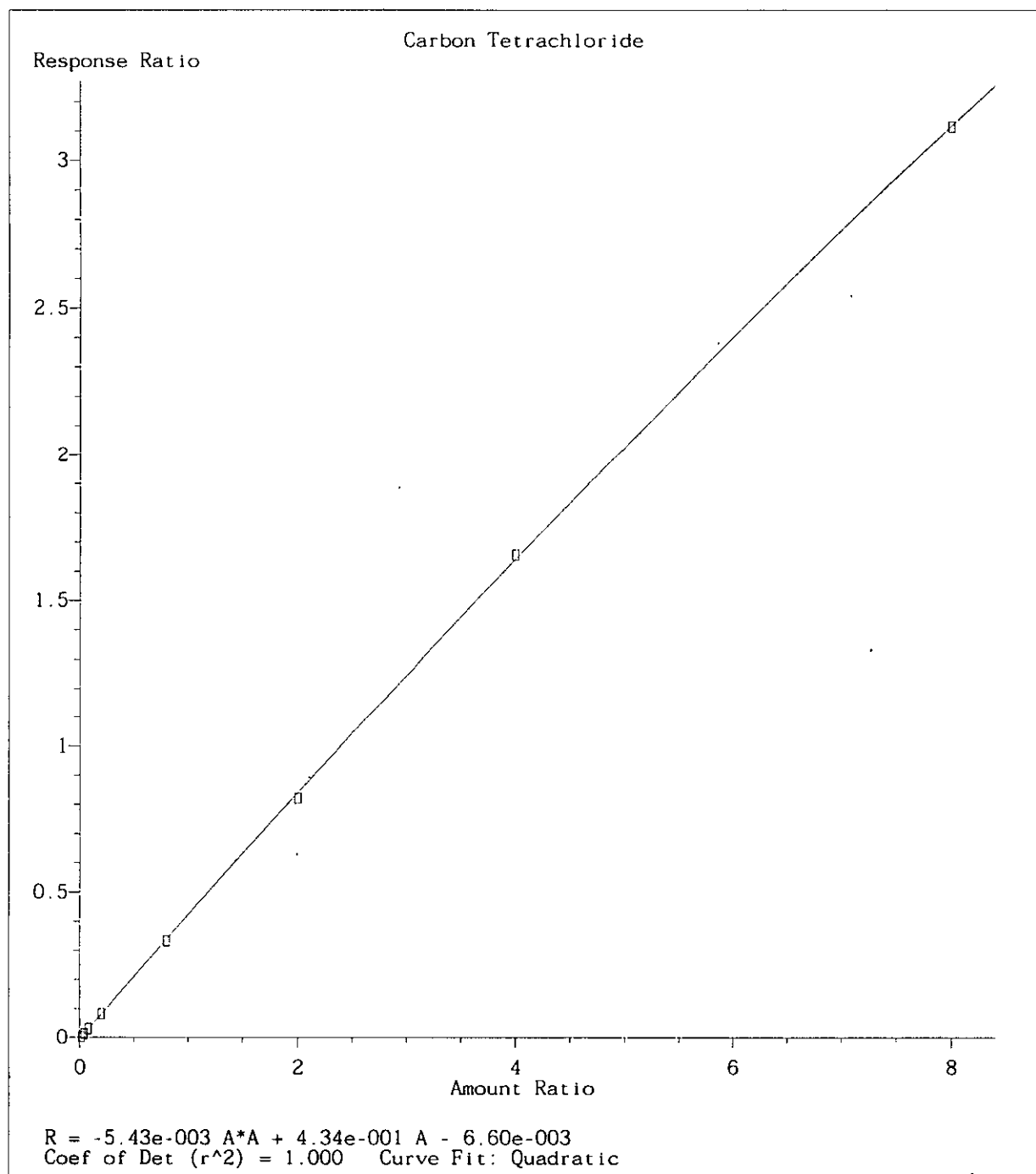
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



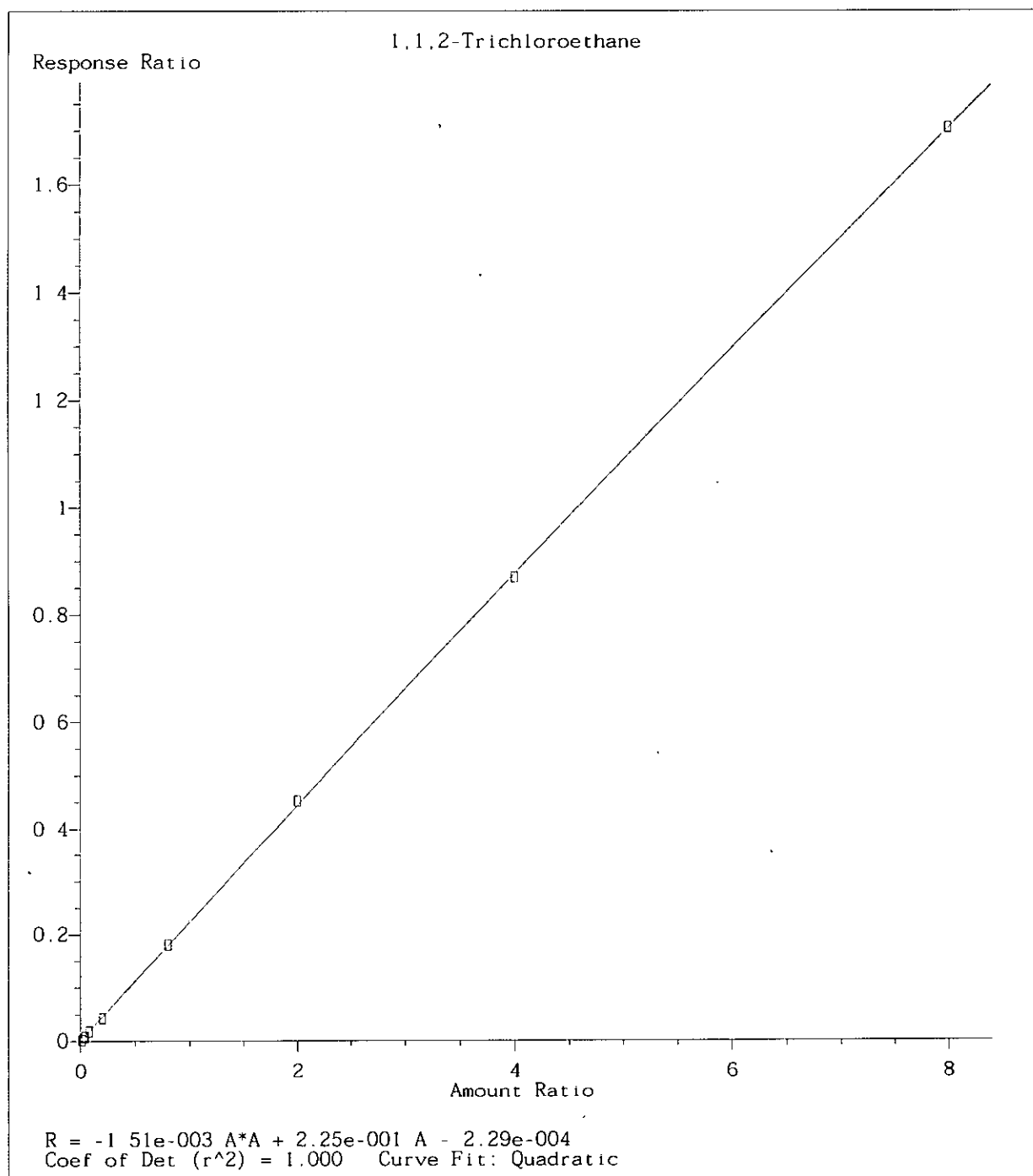
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



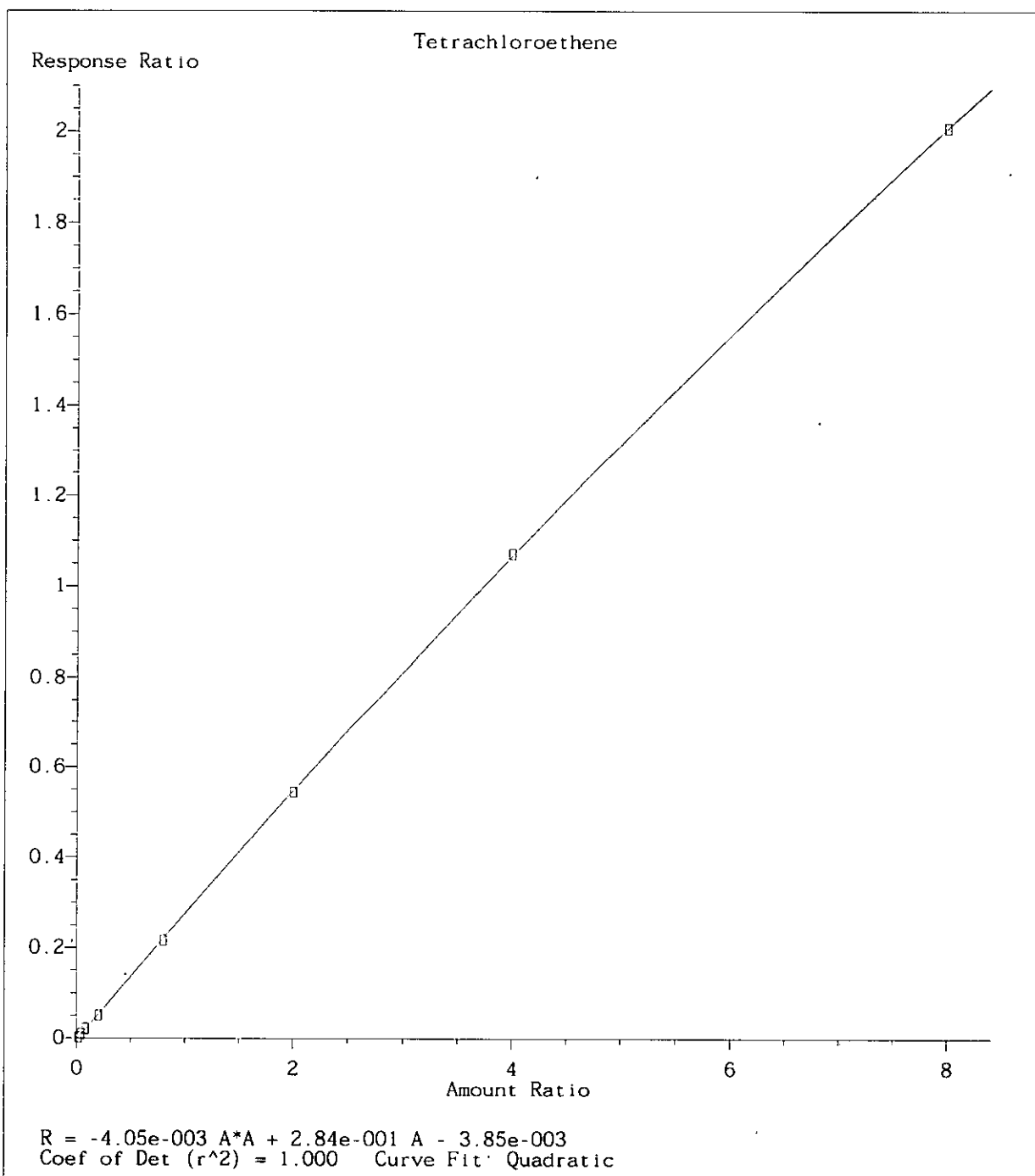
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Calibration Table Last Updated: Thu Sep 06 14.39.42 2007



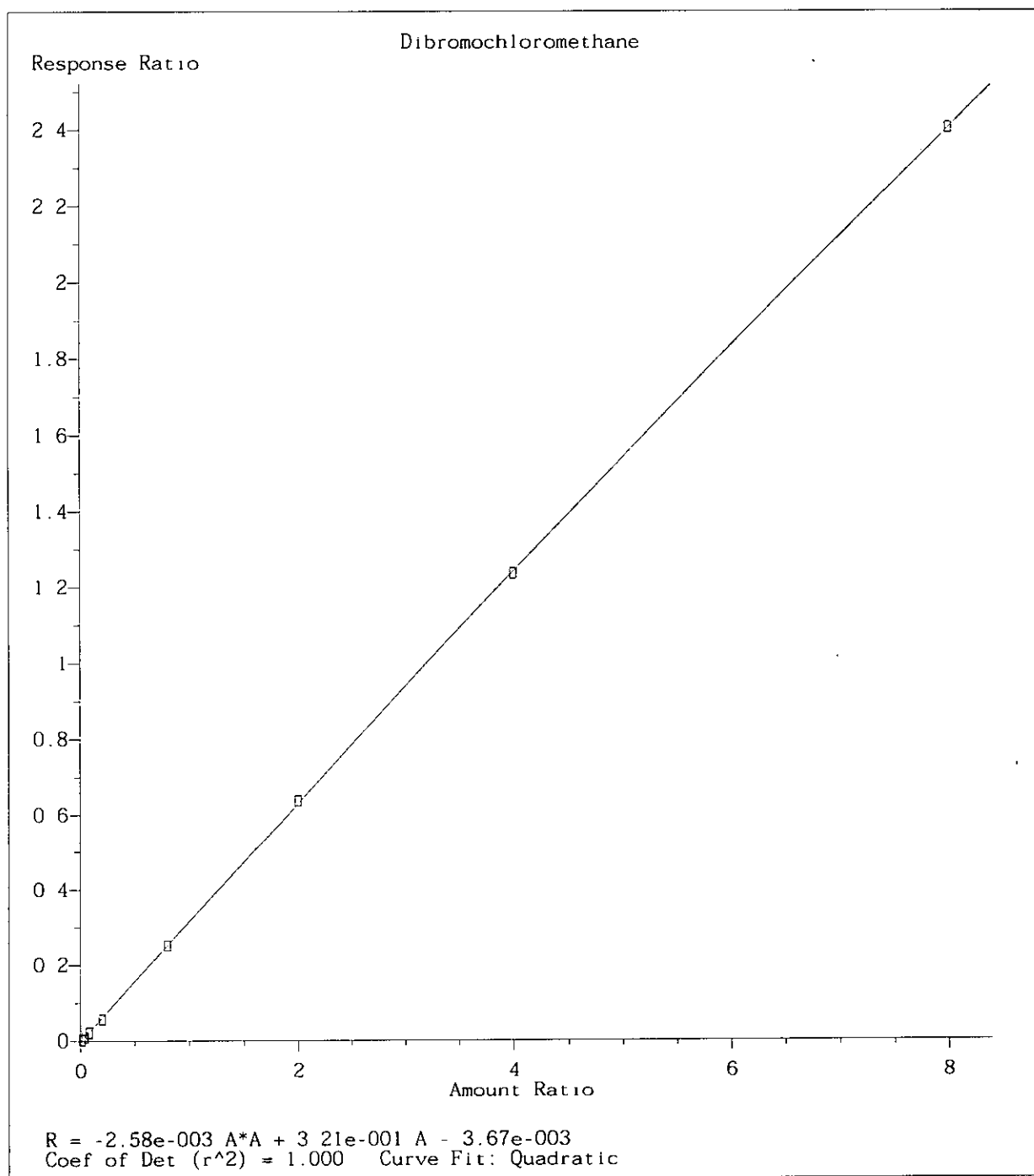
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



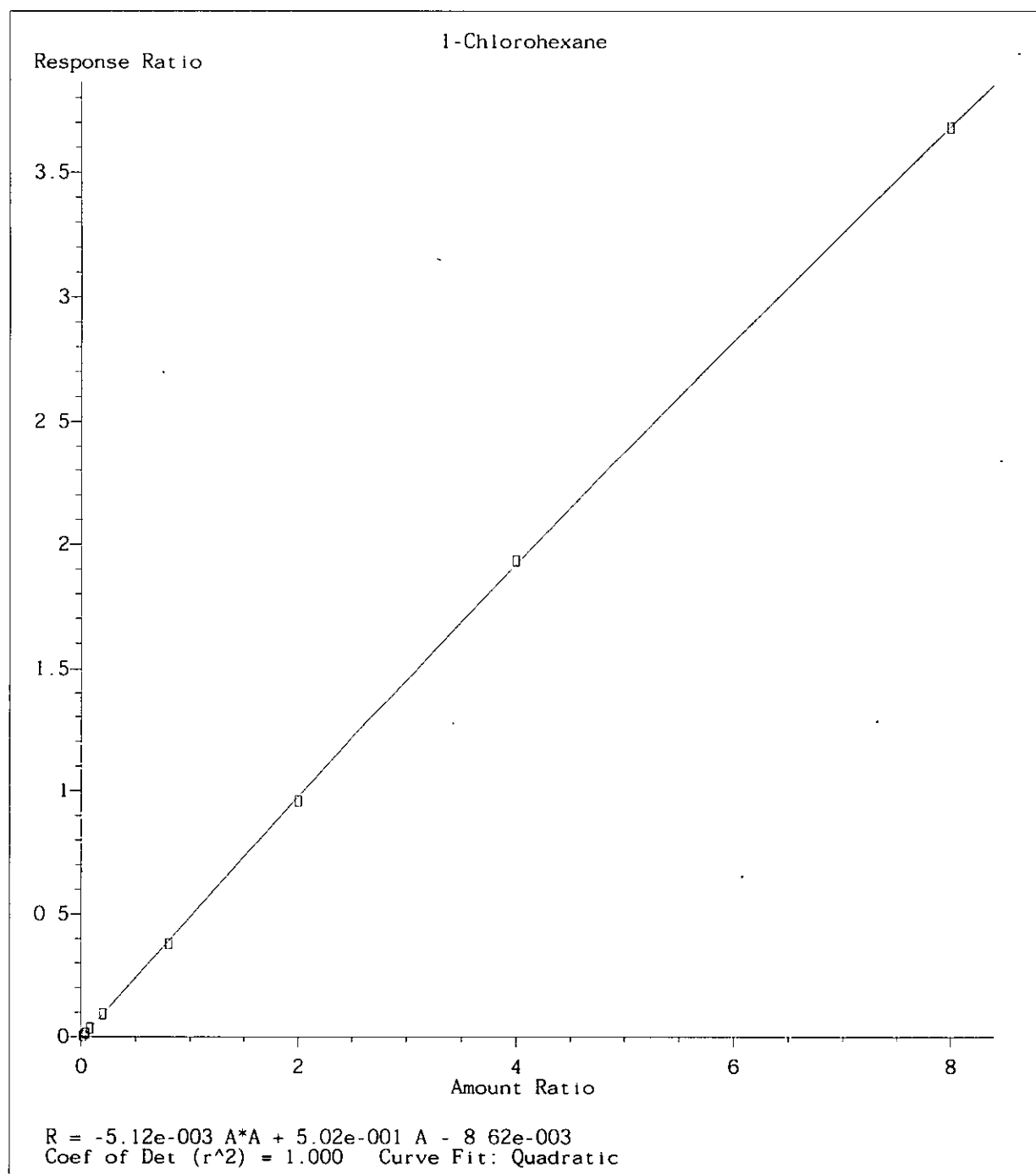
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Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



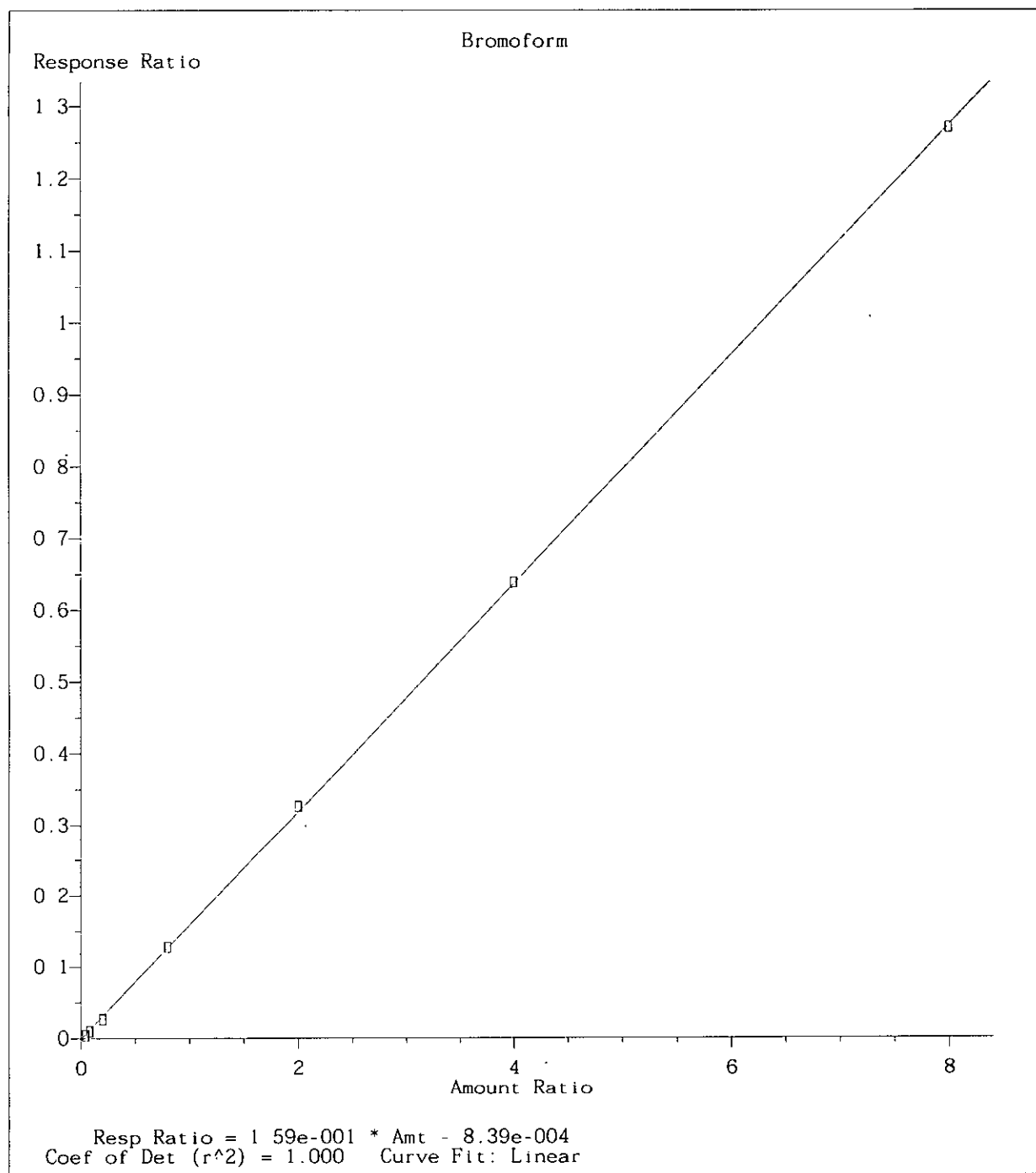
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



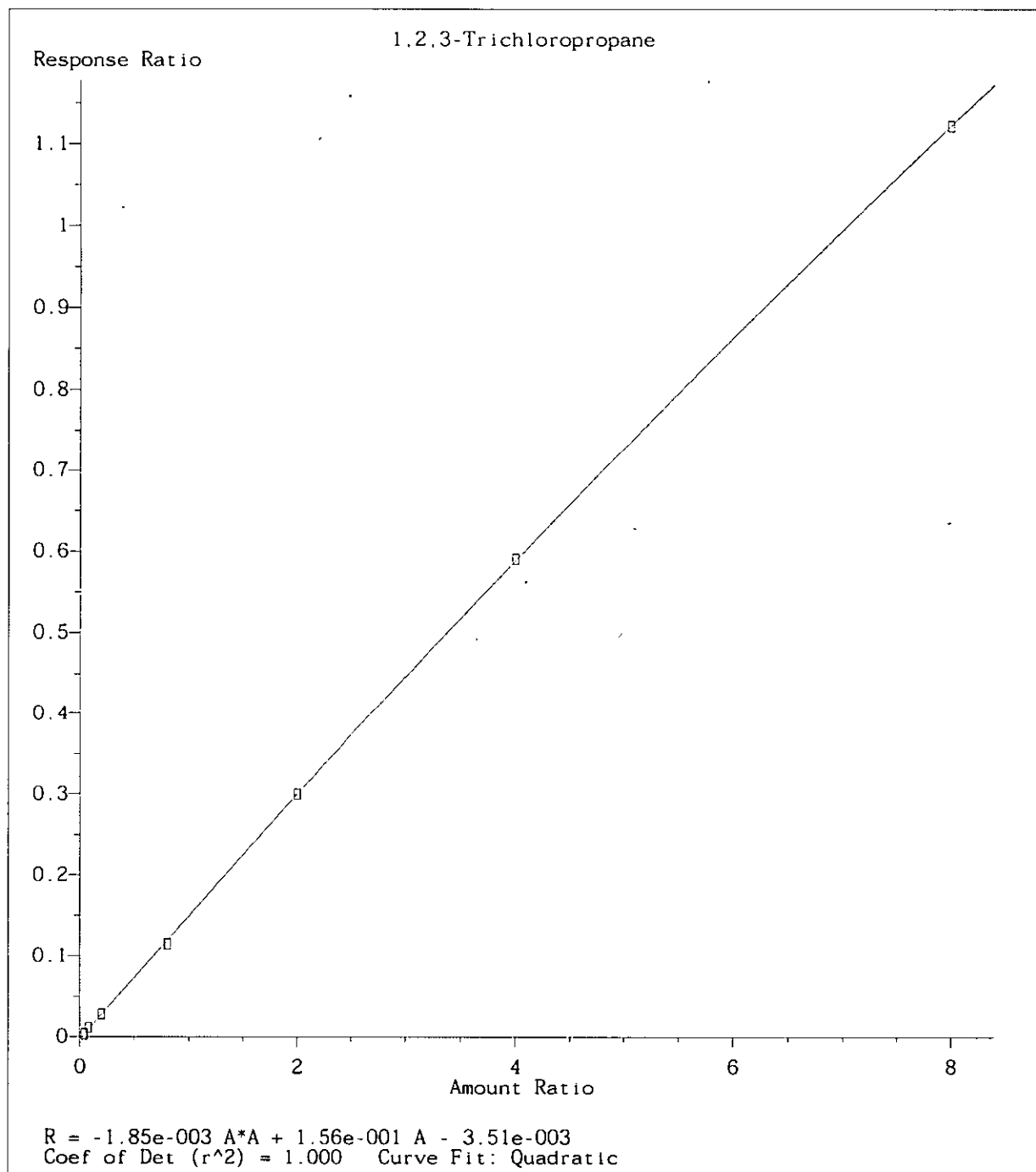
Method Name. C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



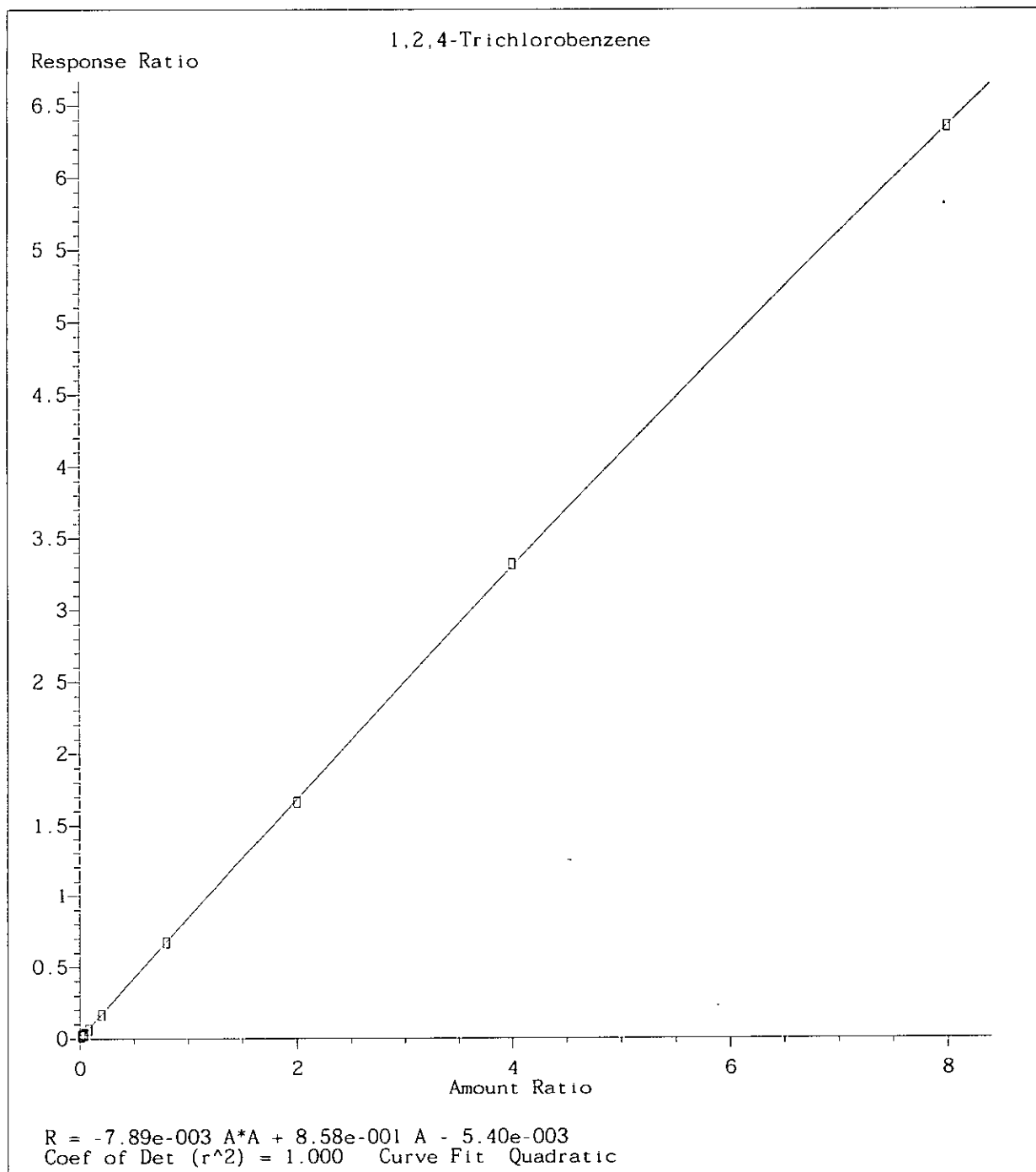
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



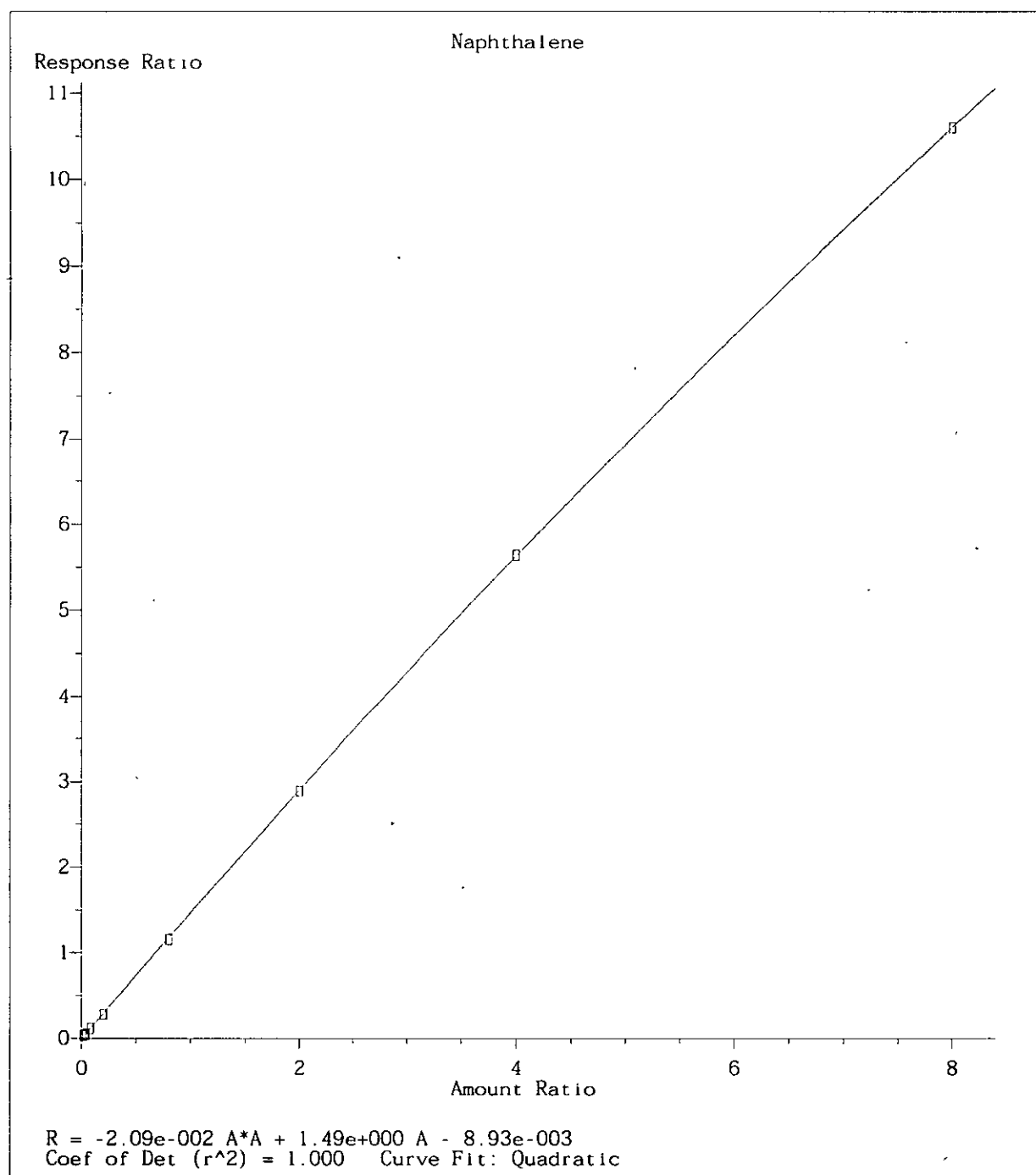
Method Name C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated Thu Sep 06 14:39:42 2007



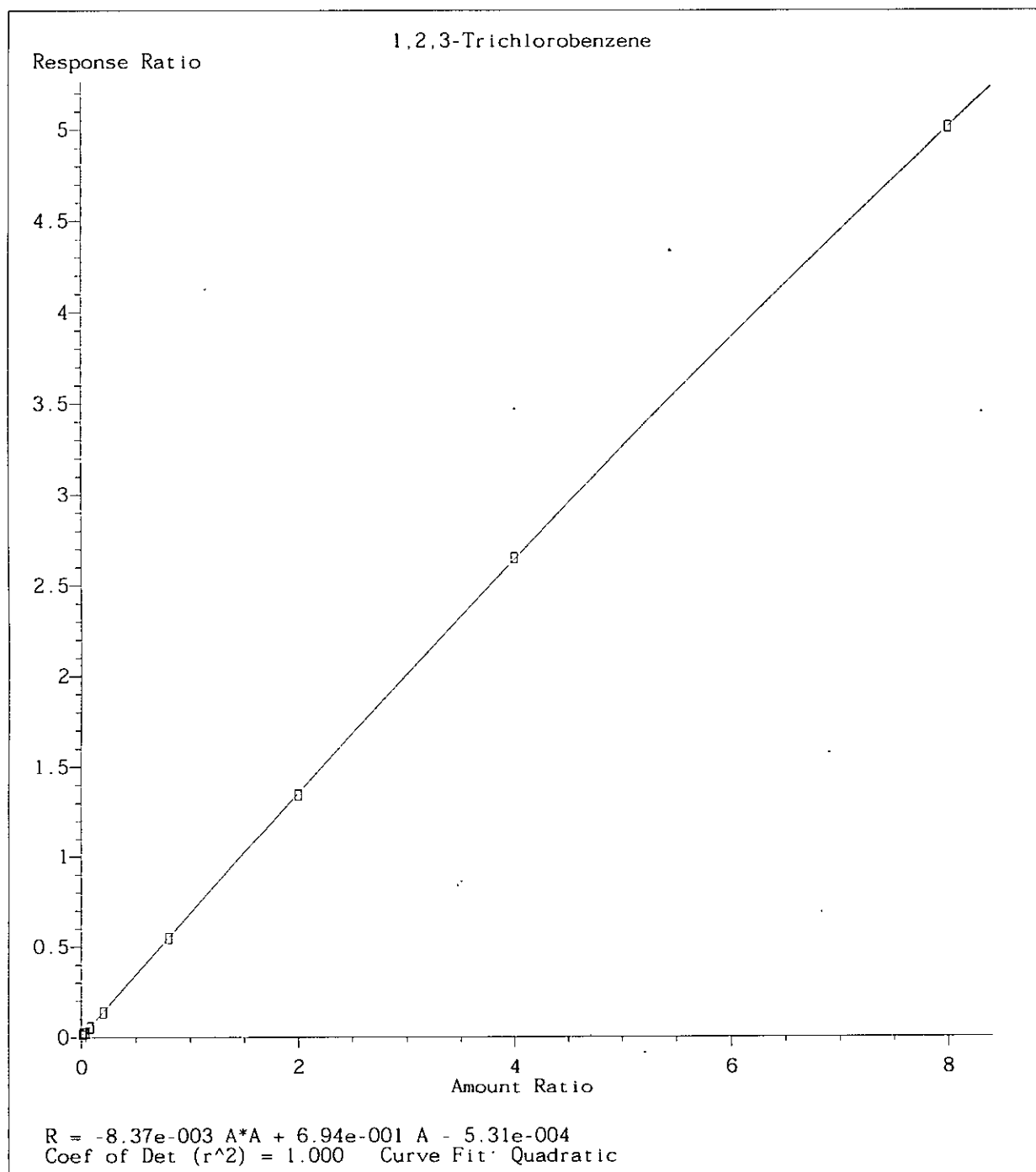
Method Name: C:\MSDCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Thu Sep 06 14:39:42 2007



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



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

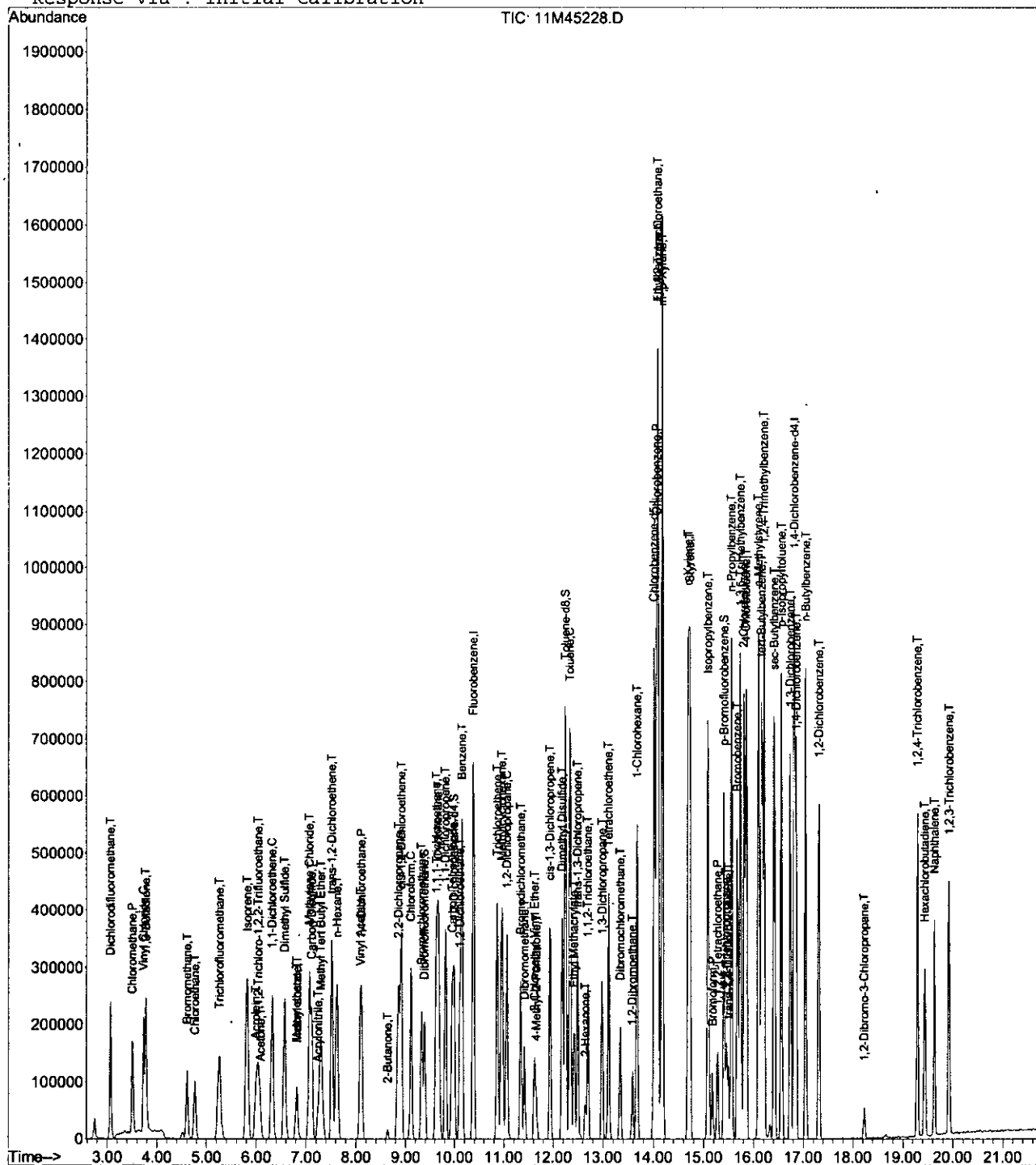
Page 2

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\091307\11M45428.D

Vial: 2

Acq On : 13 Sep 2007 11:26

Operator: MES

Sample : WG250006-02 50ug/L STD 8260

Inst : HPMS11

Misc : 1,1 STD21828

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 13 11:48:00 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	909762	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	619741	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	335543	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.389	111	217672	23.1712553	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	92.69%		
42) 1,2-Dichloroethane-d4	9.988	65	293179	23.8108226	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	95.24%		
56) Toluene-d8	12.242	98	783663	23.7861889	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	95.14%		
77) p-Bromofluorobenzene	15.406	95	326158	24.5155374	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	98.06%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	708968	51.9974	ug/L	99
3) Chloromethane	3.51	50	603957	47.6581	ug/L	99
4) Vinyl Chloride	3.72	62	604508	50.1410	ug/L	99
5) 1,3-Butadiene	3.77	54	404802	47.1563	ug/L	99
6) Bromomethane	4.61	94	313817	49.5649	ug/L	100
7) Chloroethane	4.77	64	416605	52.0649	ug/L	98
8) Trichlorofluoromethane	5.26	101	1035994	53.4012	ug/L	97
10) Isoprene	5.81	67	684040	54.5657	ug/L	96
11) Acrolein	5.99	56	74944	224.5767	ug/L	95
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	437593	52.0181	ug/L	98
13) Acetone	6.09	43	83853	58.5455	ug/L	98
14) 1,1-Dichloroethene	6.32	61	996511	57.9167	ug/L	96
16) Dimethyl Sulfide	6.57	62	679401	53.7686	ug/L	94
17) Iodomethane	6.81	142	476998	55.7024	ug/L	96
18) Methyl acetate	6.82	43	255413	65.8617	ug/L	98
19) Methylene Chloride	7.07	84	454341	48.9311	ug/L	89
20) Carbon Disulfide	7.11	76	1362538	51.0447	ug/L	100
21) Acrylonitrile	7.23	53	130326	58.4101	ug/L	98
22) Methyl Tert Butyl Ether	7.30	73	1158862	55.0354	ug/L	99
23) trans-1,2-Dichloroethene	7.52	96	475554	52.2535	ug/L	97
24) n-Hexane	7.62	57	787368	54.1109	ug/L	98
26) Vinyl Acetate	8.08	43	563380	41.8169	ug/L	98
27) 1,1-Dichloroethane	8.11	63	1115313	54.1785	ug/L	99
29) 2-Butanone	8.63	43	115863	60.6347	ug/L	92
31) 2,2-Dichloropropane	8.85	77	997868	53.6287	ug/L	99
32) cis-1,2-Dichloroethene	8.91	96	481369	51.6372	ug/L	92
33) Chloroform	9.11	83	964465	53.2844	ug/L	100
34) Bromochloromethane	9.33	130	247611	51.1841	ug/L	92
37) 1,1,1-Trichloroethane	9.63	97	963556	56.5397	ug/L	98
38) Cyclohexane	9.67	56	1004704	54.8085	ug/L	95
39) 1,1-Dichloropropene	9.81	75	717810	53.3464	ug/L	99
40) Carbon Tetrachloride	9.96	117	787725	51.6109	ug/L	99
43) 1,2-Dichloroethane	10.10	62	846764	55.7617	ug/L	99
44) Benzene	10.15	78	1764827	50.2378	ug/L	100
45) Trichloroethene	10.87	130	447928	50.7872	ug/L	98
46) Methylcyclohexane	10.96	83	700920	52.2939	ug/L	96
47) 1,2-Dichloropropane	11.06	63	520214	52.9369	ug/L	97
49) Bromodichloromethane	11.34	83	702473	55.3344	ug/L	99
50) Dibromomethane	11.42	93	221361	55.4357	ug/L	97
51) 2-Chloroethyl Vinyl Ether	11.62	63	224491	49.8531	ug/L	100

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

11M45428.D 8260WT.M Thu Sep 13 11:48:00 2007

Page 1

Data File : C:\MSDCHEM\1\DATA\091307\11M45428.D

Vial: 2

Acq On : 13 Sep 2007 11:26

Operator: MES

Sample : WG250006-02 50ug/L STD 8260

Inst : HPMS11

Misc : 1,1 STD21828

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 13 11:48:00 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	113765	53.3782	ug/L	98
53) cis-1,3-Dichloropropene	11.93	75	764924	53.9053	ug/L	99
54) Dimethyl Disulfide	12.18	79	419025	55.1348	ug/L	96
57) Toluene	12.34	91	1881517	53.7797	ug/L	100
58) Ethyl Methacrylate	12.43	69	381244	55.4672	ug/L	92
59) trans-1,3-Dichloropropene	12.49	75	708713	58.4227	ug/L	98
60) 1,1,2-Trichloroethane	12.70	97	285390	51.8930	ug/L	98
61) 2-Hexanone	12.65	43	173861	60.3249	ug/L #	98
62) 1,3-Dichloropropane	12.99	76	562850	55.0116	ug/L	93
63) Tetrachloroethene	13.11	164	340110	50.0795	ug/L	100
64) Dibromochloromethane	13.35	129	414863	53.2814	ug/L	100
65) 1,2-Dibromoethane	13.59	107	286187	56.0314	ug/L	100
66) 1-Chlorohexane	13.68	91	622569	51.5094	ug/L	94
67) Chlorobenzene	14.06	112	1235170	52.4728	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.09	131	442949	57.0850	ug/L	99
69) Ethylbenzene	14.08	106	684118	55.2013	ug/L	99
70) m-,p-Xylene	14.18	106	1707030	108.8113	ug/L	97
71) o-Xylene	14.69	106	804820	53.4682	ug/L	96
72) Styrene	14.72	104	1345600	55.2690	ug/L	96
73) Bromoform	15.18	173	210122	53.3467	ug/L	100
74) Isopropylbenzene	15.09	105	2107014	54.5685	ug/L	99
76) 1,1,2,2-Tetrachloroethane	15.28	83	282369	55.0599	ug/L	99
78) 1,2,3-Trichloropropane	15.46	110	104498	51.9071	ug/L	97
79) trans-1,4-Dichloro-2-Buten	15.50	53	149393	59.5564	ug/L	87
80) n-Propylbenzene	15.56	91	2654867	55.1864	ug/L	98
81) Bromobenzene	15.68	156	448925	54.4201	ug/L	99
82) 1,3,5-Trimethylbenzene	15.74	105	1876056	54.6744	ug/L	98
83) 2-Chlorotoluene	15.81	91	1641788	50.6278	ug/L	90
84) 4-Chlorotoluene	15.85	91	1751568	55.8190	ug/L	98
85) a-Methylstyrene	16.10	118	997515	55.6743	ug/L	96
86) tert-Butylbenzene	16.16	134	318594	52.8423	ug/L	90
87) 1,2,4-Trimethylbenzene	16.21	105	1948230	54.7992	ug/L	99
88) sec-Butylbenzene	16.42	105	2136817	54.7704	ug/L	99
89) p-Isopropyltoluene	16.56	119	1850158	54.3284	ug/L	99
90) 1,3-Dichlorobenzene	16.74	146	895589	51.7766	ug/L	98
91) 1,4-Dichlorobenzene	16.85	146	912505	53.3461	ug/L	97
92) n-Butylbenzene	17.05	91	1723984	53.5362	ug/L	98
93) 1,2-Dichlorobenzene	17.32	146	793570	53.3158	ug/L	98
94) 1,2-Dibromo-3-Chloropropan	18.23	75	62789	57.7588	ug/L	89
95) 1,2,4-Trichlorobenzene	19.29	180	562394	49.8981	ug/L	98
96) Hexachlorobutadiene	19.44	225	193714	49.6500	ug/L	98
97) Naphthalene	19.64	128	1010438	52.0673	ug/L	99
98) 1,2,3-Trichlorobenzene	19.92	180	466416	51.3914	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45428.D 8260WT.M Thu Sep 13 11:48:01 2007

Vial: 2
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



2.1.1.5 Raw QC Data

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

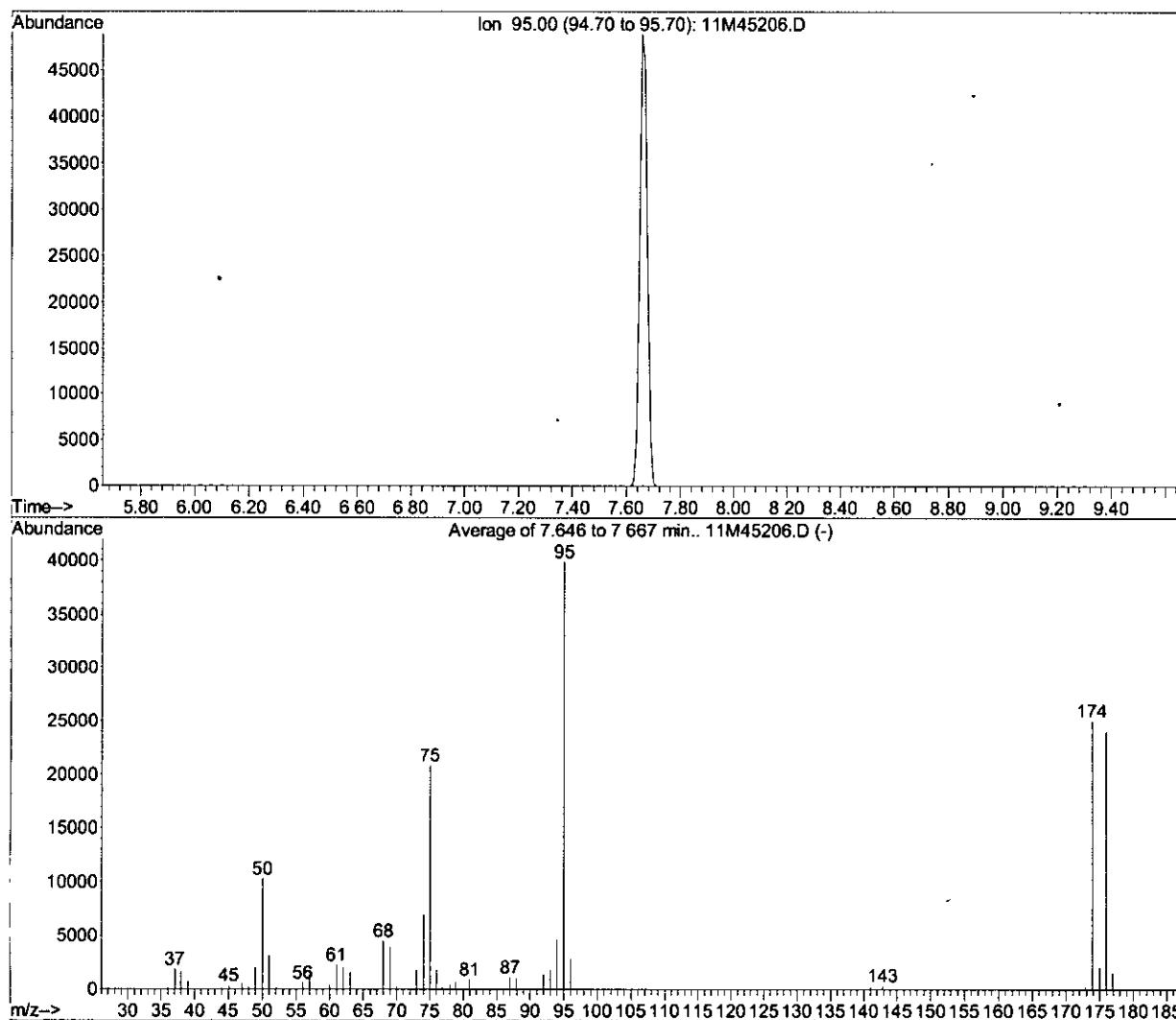
Misc : 1,1 STD21685

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

9511594

BFB

Data File : C:\MSDCHEM\1\DATA\091307\11M45426.D

Vial: 1

Acq On : 13 Sep 2007 10:29

Operator: MES

Sample : WG250006-01 50ng BFB STD 8260

Inst : HPMS11

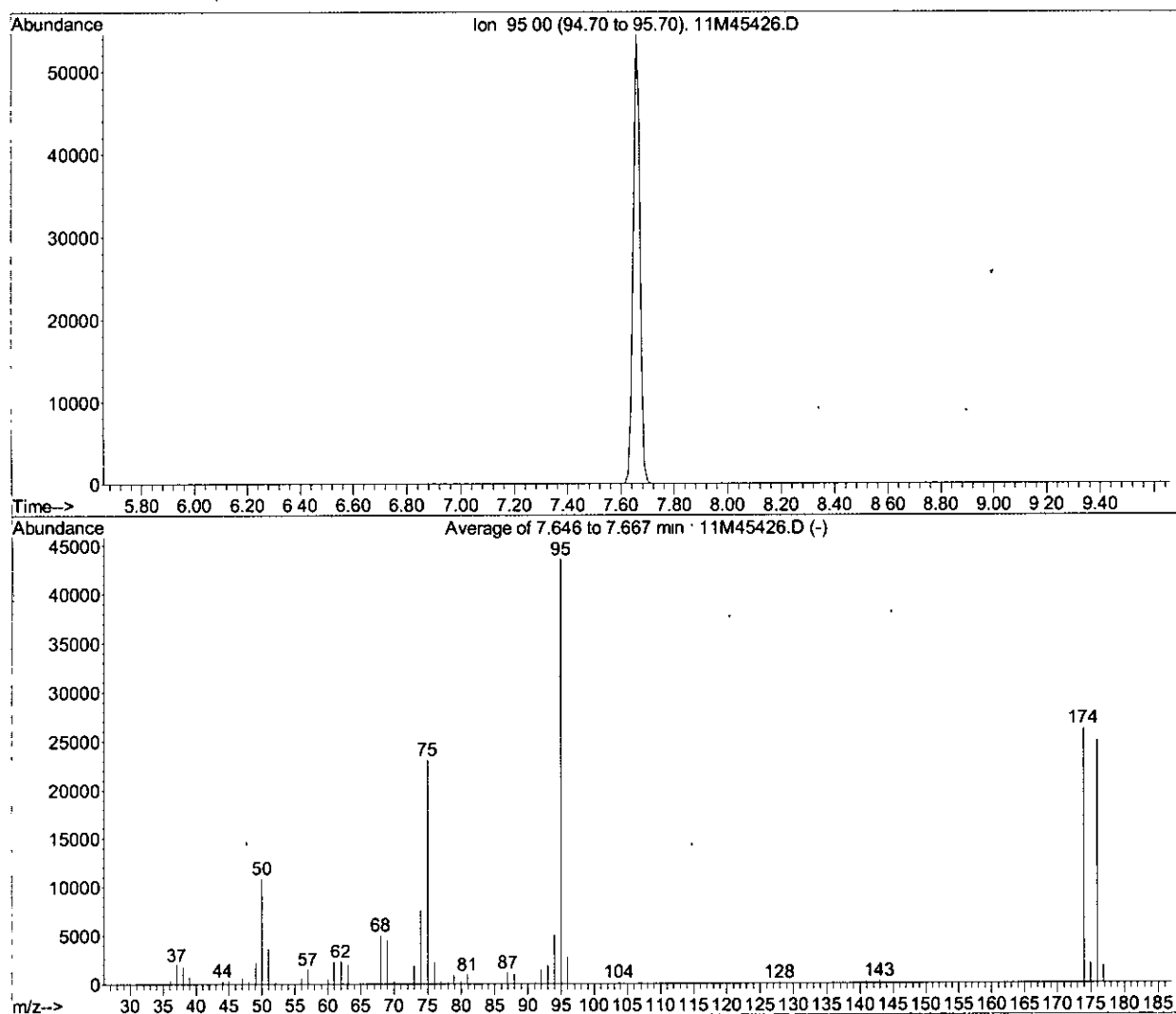
Misc : 1,1 STD21685

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	24.9	10843	PASS
75	95	30	60	53.0	23093	PASS
95	95	100	100	100.0	43533	PASS
96	95	5	9	6.3	2736	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	60.2	26189	PASS
175	174	5	9	7.6	1980	PASS
176	174	95	101	95.4	24977	PASS
177	176	5	9	6.9	1722	PASS

11M45426.D BFB.M Thu Sep 13 10:42:38 2007

9511595

Data File : C:\MSDCHEM\1\DATA\091307\11M45430.D Vial: 4
 Acq On : 13 Sep 2007 12:26 Operator: MES
 Sample : WG250008-01 VBLK0913 BLANK 8260 Inst : HPMS11
 Misc : 1,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Sep 13 12:47:53 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	882055	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	589731	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.822	152	315918	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.378	111	205564	22.5697205	ug/L	-0.01
Spiked Amount 25.000	Range 86 - 118		Recovery =	90.28%		
42) 1,2-Dichloroethane-d4	9.988	65	275140	23.0476898	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	92.19%		
56) Toluene-d8	12.242	98	743776	23.7243298	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	94.90%		
77) p-Bromofluorobenzene	15.406	95	302934	24.1843942	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	96.74%		
Target Compounds						
13) Acetone	6.08	43	188	0.1354	ug/L #	46
95) 1,2,4-Trichlorobenzene	19.29	180	1995	0.3413	ug/L	79
97) Naphthalene	19.63	128	3408	0.3300	ug/L #	80
98) 1,2,3-Trichlorobenzene	19.91	180	1876	0.2332	ug/L	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 11M45430.D 8260WT.M Thu Sep 13 12:47:53 2007

Page 1

Data File : C:\MSDchem\1\DATA\091307\11M45430.D

Vial: 4

Acq On : 13 Sep 2007 12:26

Operator: MES

Sample : WG250008-01 VBLK0913 BLANK 8260

Inst : HPMS11

Misc : 1,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 13 12:47 2007

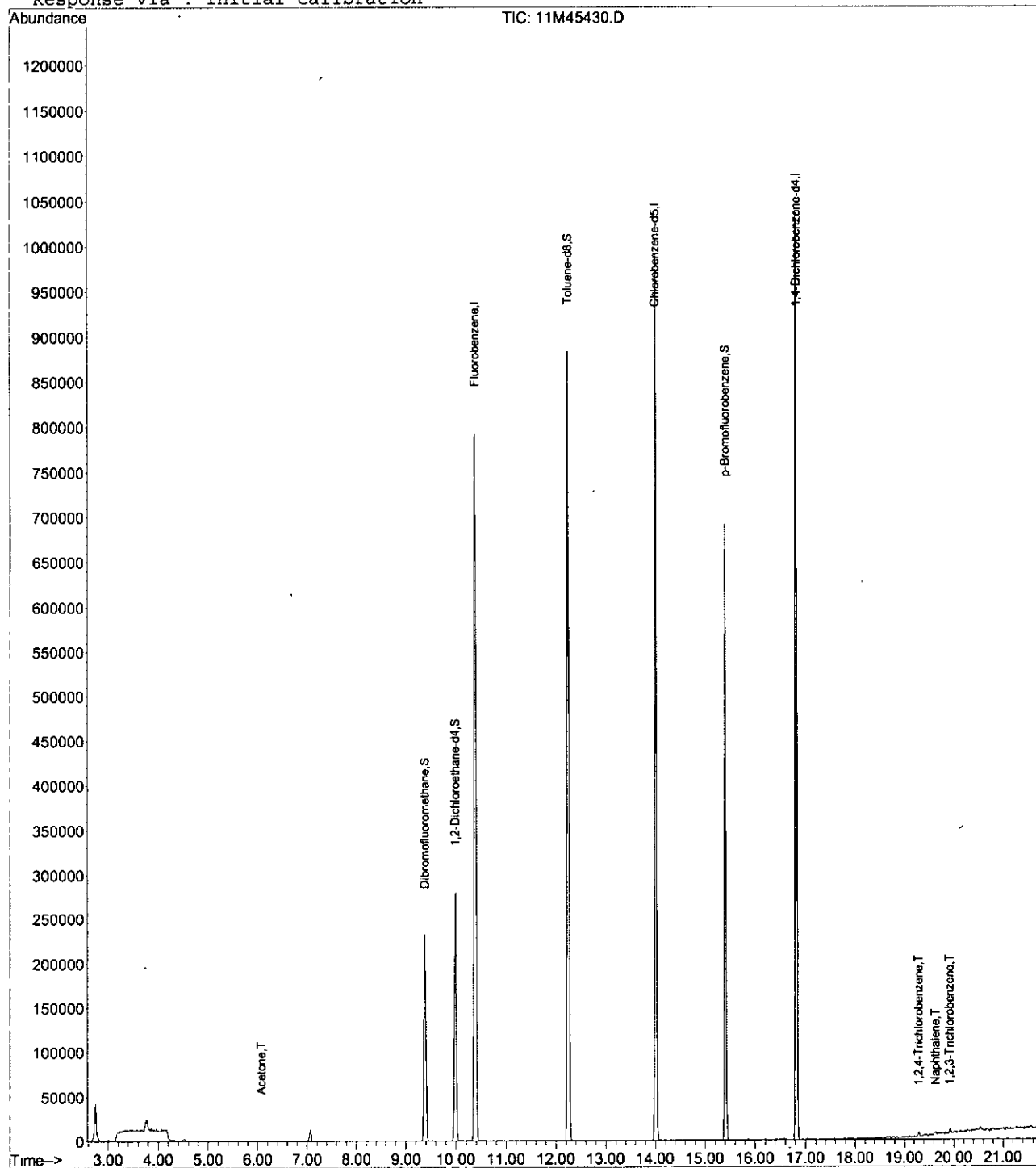
Quant Results File: 8260WT.RES

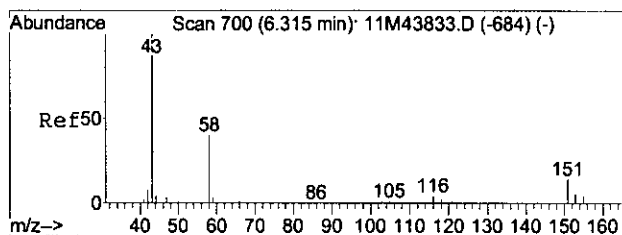
Method : C:\MSDCHEM\1\METHODS\8260WT.M (RTE Integrator)

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

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

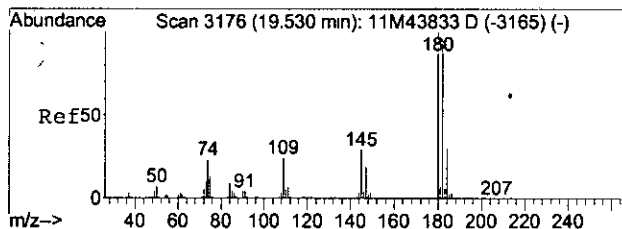
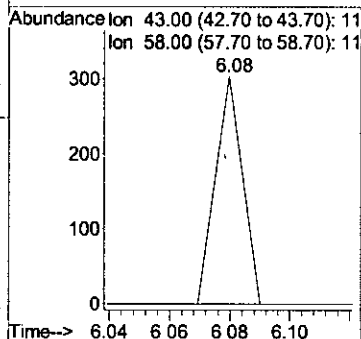
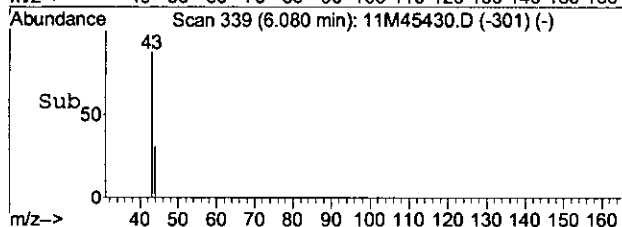
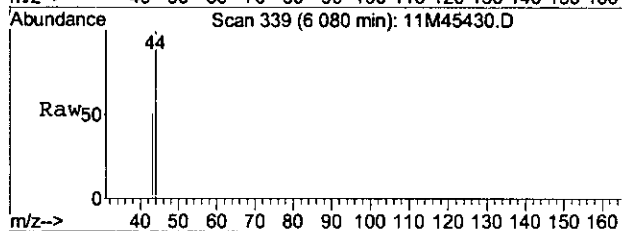
Response via : Initial Calibration





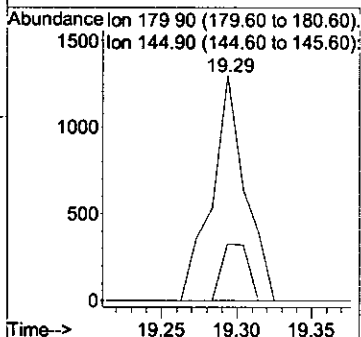
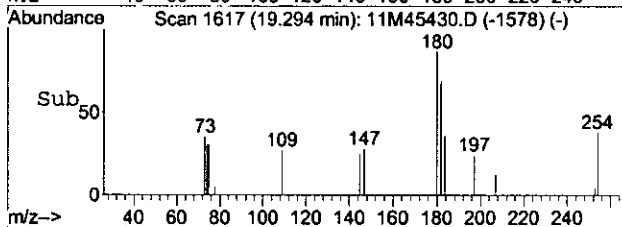
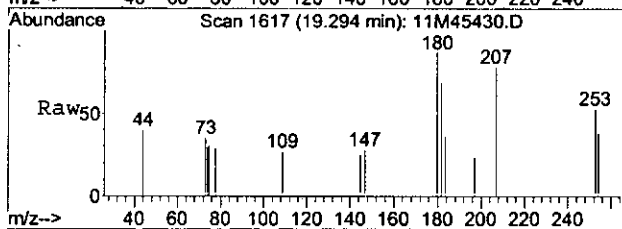
#13
Acetone
Concen: 0.1354 ug/L
RT: 6.08 min Scan# 339
Delta R.T. -0.01 min
Lab File: 11M45430.D
Acq: 13 Sep 2007 12:26

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 17.2 40.0#

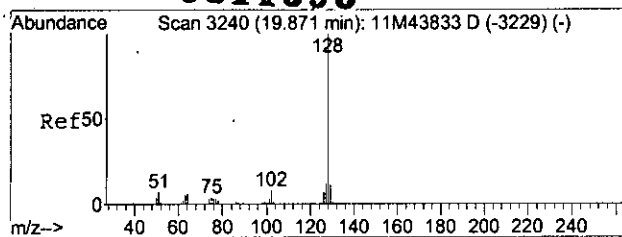


#95
1,2,4-Trichlorobenzene
Concen: 0.3413 ug/L
RT: 19.29 min Scan# 1617
Delta R.T. 0.00 min
Lab File: 11M45430.D
Acq: 13 Sep 2007 12:26

Tgt Ion: 180 Resp: 1995
Ion Ratio Lower Upper
180 100
145 20.2 19.2 44.8

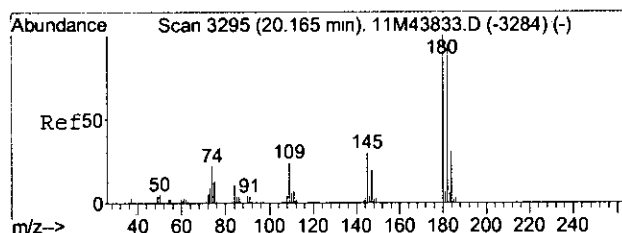
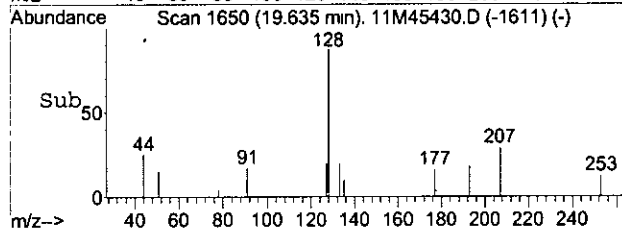
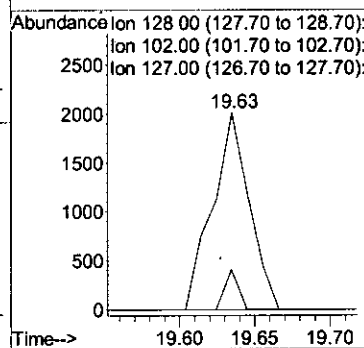
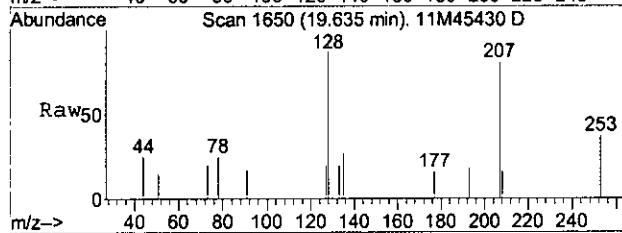


9511598



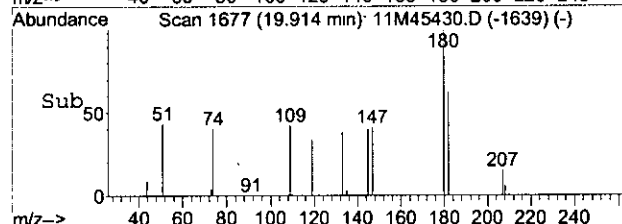
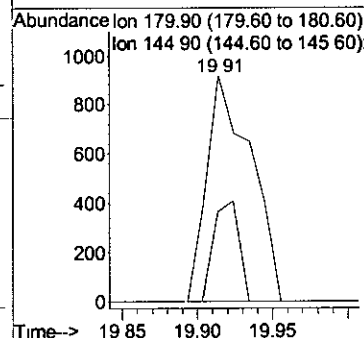
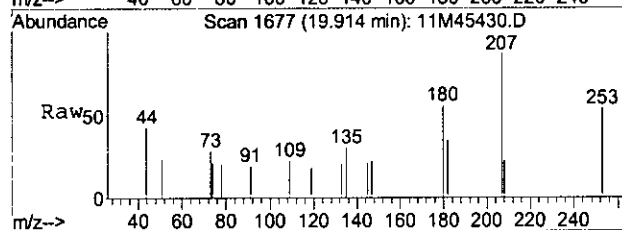
#97
Naphthalene
Concen: 0.3300 ug/L
RT: 19.63 min Scan# 1650
Delta R.T. 0.00 min
Lab File: 11M45430.D
Acq: 13 Sep 2007 12:26

Tgt Ion:128 Resp: 3408
Ion Ratio Lower Upper
128 100
102 0.0 9.2 11.2#
127 7.4 11.3 13.9#



#98
1,2,3-Trichlorobenzene
Concen: 0.2332 ug/L
RT: 19.91 min Scan# 1677
Delta R.T. -0.01 min
Lab File: 11M45430.D
Acq: 13 Sep 2007 12:26

Tgt Ion:180 Resp: 1876
Ion Ratio Lower Upper
180 100
145 25.6 20.3 47.3



Data File : C:\MSDCHEM\1\DATA\091307\11M45431.D
 Acq On : 13 Sep 2007 12:55
 Sample : WG250008-02 20ug/L LCS STD 8260
 Misc : 1,1 STD21763
 MS Integration Params: rteint.p
 Quant Time: Sep 13 13:17:44 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.381	96	870369	25.0000	ug/L	0.000
55) Chlorobenzene-d5	14.010	117	598764	25.0000	ug/L	0.000
75) 1,4-Dichlorobenzene-d4	16.823	152	324175	25.0000	ug/L	0.000
System Monitoring Compounds						
36) Dibromofluoromethane	9.378	111	206912	23.0227422	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	92.09%		
42) 1,2-Dichloroethane-d4	9.988	65	278523	23.6443284	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	94.58%		
56) Toluene-d8	12.242	98	746768	23.4604192	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	93.84%		
77) p-Bromofluorobenzene	15.406	95	308864	24.0297547	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	96.12%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.07	85	345913	26.5183	ug/L	100
3) Chloromethane	3.51	50	266584	21.9882	ug/L	99
4) Vinyl Chloride	3.73	62	267060	23.1539	ug/L	99
5) 1,3-Butadiene	3.77	54	162848	17.8595	ug/L	98
6) Bromomethane	4.61	94	132105	22.2573	ug/L	99
7) Chloroethane	4.77	64	174327	22.7724	ug/L	99
8) Trichlorofluoromethane	5.26	101	345996	18.5983	ug/L	98
10) Isoprene	5.81	67	209165	17.4402	ug/L	94
11) Acrolein	5.99	56	71150	222.8575	ug/L	96
12) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	142135	17.6608	ug/L	97
13) Acetone	6.09	43	31295	22.8389	ug/L	99
14) 1,1-Dichloroethene	6.32	61	407605	24.7620	ug/L	95
16) Dimethyl Sulfide	6.57	62	223906	18.5222	ug/L	95
17) Iodomethane	6.81	142	107086	13.0712	ug/L	96
18) Methyl acetate	6.82	43	77871	20.9889	ug/L	99
19) Methylene Chloride	7.07	84	185223	20.3527	ug/L	87
20) Carbon Disulfide	7.11	76	391138	15.3164	ug/L	100
21) Acrylonitrile	7.24	53	45471	21.3018	ug/L	100
22) Methyl Tert Butyl Ether	7.30	73	431763	21.4329	ug/L	100
23) trans-1,2-Dichloroethene	7.52	96	185382	21.2915	ug/L	94
24) n-Hexane	7.62	57	241141	17.3222	ug/L	97
26) Vinyl Acetate	8.08	43	331254	25.7002	ug/L	96
27) 1,1-Dichloroethane	8.11	63	441887	22.4371	ug/L	100
29) 2-Butanone	8.63	43	40253	22.0191	ug/L	94
31) 2,2-Dichloropropane	8.85	77	385368	21.6483	ug/L	100
32) cis-1,2-Dichloroethene	8.91	96	197429	22.1371	ug/L	94
33) Chloroform	9.11	83	388114	22.4128	ug/L	99
34) Bromochloromethane	9.33	130	97627	21.0940	ug/L	90
37) 1,1,1-Trichloroethane	9.63	97	383193	23.5027	ug/L	97
38) Cyclohexane	9.67	56	323053	18.4208	ug/L	95
39) 1,1-Dichloropropene	9.81	75	288528	22.4134	ug/L	99
40) Carbon Tetrachloride	9.95	117	311871	21.2558	ug/L	99
43) 1,2-Dichloroethane	10.10	62	336685	23.1751	ug/L	98
44) Benzene	10.14	78	711004	21.1556	ug/L	99
45) Trichloroethene	10.87	130	183446	21.7410	ug/L	98
46) Methylcyclohexane	10.96	83	233727	18.2270	ug/L	95
47) 1,2-Dichloropropane	11.05	63	205853	21.8956	ug/L	96
49) Bromodichloromethane	11.33	83	281973	23.2165	ug/L	99
50) Dibromomethane	11.42	93	88368	23.1317	ug/L	97
51) 2-Chloroethyl Vinyl Ether	11.61	63	82997	19.2655	ug/L	97

(#) = qualifier out of range (m) = manual integration
 11M45431.D 8260WT.M Thu Sep 13 13:17:44 2007

Data File : C:\MSDCHEM\1\DATA\091307\11M45431.D

Vial: 5

Acq On : 13 Sep 2007 12:55

Operator: MES

Sample : WG250008-02 20ug/L LCS STD 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 13 13:17:44 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	40896	20.0568	ug/L	95
53) cis-1,3-Dichloropropene	11.93	75	293705	21.6346	ug/L	100
54) Dimethyl Disulfide	12.18	79	146009	20.0812	ug/L	97
57) Toluene	12.34	91	746429	22.0828	ug/L	100
58) Ethyl Methacrylate	12.42	69	143985	21.6823	ug/L	96
59) trans-1,3-Dichloropropene	12.49	75	259483	22.1399	ug/L	97
60) 1,1,2-Trichloroethane	12.70	97	118434	22.1246	ug/L	100
61) 2-Hexanone	12.65	43	62387	22.4049	ug/L #	96
62) 1,3-Dichloropropane	12.98	76	224415	22.7022	ug/L	89
63) Tetrachloroethene	13.11	164	136608	20.6665	ug/L	97
64) Dibromochloromethane	13.34	129	156256	20.7283	ug/L	98
65) 1,2-Dibromoethane	13.59	107	113861	23.0734	ug/L	100
66) 1-Chlorohexane	13.68	91	224228	19.2179	ug/L	94
67) Chlorobenzene	14.06	112	482090	21.1978	ug/L	100
68) 1,1,1,2-Tetrachloroethane	14.08	131	177251	23.6435	ug/L	98
69) Ethylbenzene	14.08	106	265952	22.2114	ug/L	93
70) m-,p-Xylene	14.17	106	667236	44.0217	ug/L	96
71) o-Xylene	14.69	106	314006	21.5918	ug/L	94
72) Styrene	14.72	104	527327	22.4182	ug/L	94
73) Bromoform	15.18	173	78274	20.6497	ug/L	98
74) Isopropylbenzene	15.09	105	767573	20.5754	ug/L	99
76) 1,1,2,2-Tetrachloroethane	15.28	83	111975	22.6000	ug/L	100
78) 1,2,3-Trichloropropane	15.46	110	40675	20.9425	ug/L	99
79) trans-1,4-Dichloro-2-Butene	15.49	53	45367	18.7201	ug/L	97
80) n-Propylbenzene	15.56	91	1039689	22.3698	ug/L	98
81) Bromobenzene	15.68	156	182244	22.8669	ug/L	98
82) 1,3,5-Trimethylbenzene	15.74	105	758313	22.8747	ug/L	98
83) 2-Chlorotoluene	15.81	91	692754	22.1116	ug/L	88
84) 4-Chlorotoluene	15.85	91	678611	22.3844	ug/L	93
85) a-Methylstyrene	16.10	118	345427	19.9554	ug/L	93
86) tert-Butylbenzene	16.16	134	127423	21.8756	ug/L	88
87) 1,2,4-Trimethylbenzene	16.21	105	813993	23.6986	ug/L	98
88) sec-Butylbenzene	16.41	105	840035	22.2867	ug/L	100
89) p-Isopropyltoluene	16.56	119	719086	21.8558	ug/L	98
90) 1,3-Dichlorobenzene	16.74	146	348545	20.8570	ug/L	95
91) 1,4-Dichlorobenzene	16.85	146	353191	21.3720	ug/L	95
92) n-Butylbenzene	17.05	91	699286	22.4770	ug/L	98
93) 1,2-Dichlorobenzene	17.32	146	310812	21.6141	ug/L	95
94) 1,2-Dibromo-3-Chloropropane	18.23	75	24026	22.8763	ug/L	91
95) 1,2,4-Trichlorobenzene	19.29	180	228097	20.8138	ug/L	99
96) Hexachlorobutadiene	19.44	225	83029	22.0270	ug/L	98
97) Naphthalene	19.64	128	402432	21.1768	ug/L	98
98) 1,2,3-Trichlorobenzene	19.92	180	190103	21.3747	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11M45431.D 8260WT.M Thu Sep 13 13:17:45 2007

Data File : C:\MSDCHEM\1\DATA\091307\11M45431.D

Vial: 5

Acq On : 13 Sep 2007 12:55

Operator: MES

Sample : WG250008-02 20ug/L LCS STD 8260

Inst : HPMS11

Misc : 1,1 STD21763

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 13 13:17 2007

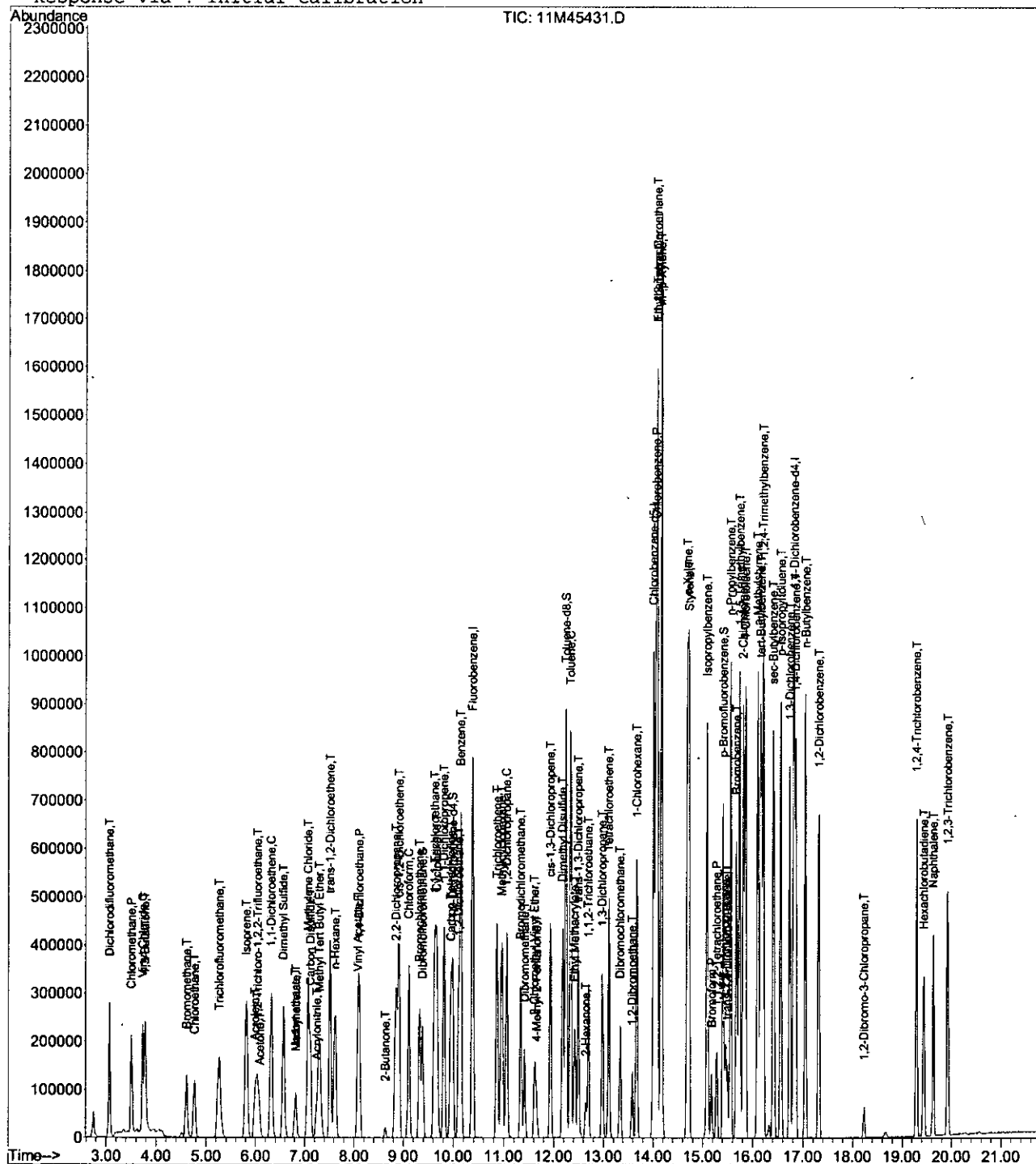
Quant Results File: 8260WT.RES

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



3.0 Attachments

Kemron Environmental Services
Analyst Listing
September 20, 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	

List of Valid Qualifiers

September 20, 2007

Qualkey: STD

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.

Client: CH2M Hill				
Workorder Number: B 8785				
Date Received: 9-13-07				
Delivered by: ☒ Fedx ☐ UPS ☐ Client ☐ Courier Time: 11:15				
Opened by: EC				
IR Temp Gun: ☐ D ☒ LG				
Logged by: BLG L 9-25-06				

Cooler information

Cooler ID	Temp C	Airbill#	COC#	Other
742	3	862544301008	71614	Team covers (24TAT)

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)?	☒	☐	☐	
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
 Login: L0709256
 Account: 2736
 Project: 2736.034
 Samples: 1
 Due Date: 14-SEP-2007

<u>Samplenum</u>	<u>Container ID</u>	<u>Products</u>
L0709256-03	372832	826-SPE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-SEP-2007 12:02	KRA	
2	ANALYZ	V1	ORG4	13-SEP-2007 12:05	KJW	JKT

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-SEP-2007 12:02	KRA	
2	ANALYZ	V1	ORG4	13-SEP-2007 12:05	KJW	JKT

Bottle: 3

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	V1	13-SEP-2007 12:02	KRA	
2	ANALYZ	V1	ORG4	13-SEP-2007 12:05	KJW	JKT

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

ADMINISTRATIVE RECORD

FINAL PAGE