Dec 13, 2007

ARCADIS BBL
465 New Karner Road
First Floor
Albany, NY 12205-3839

Attention: Mr. Allen Evans

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. N763 - National Grid

Dear Mr. Evans:

Enclosed are the results you requested for the following sample(s) received at our laboratory on November 19, 2007.

Lab No.	Client ID	Analysis Required
878526	F-Dup-1	TCL VOA
		TCL BNA
		PCBs
		TCL Pesticides
		TAL Metals
		CN
878527	Fill-1	TCL VOA
		TCL BNA
		PCBs
		TCL Pesticides
		TAL Metals
		CN

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Janae McCloud
Project Manager

Analytical Results Summary

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Analyzed: 11/21/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14346.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 7

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	5.4
Bromomethane	ND	5.4
Vinyl Chloride	ND	5.4
Chloroethane	ND	5.4
Methylene Chloride	4.4B	3.2
Acetone	13 B	5.4
Carbon Disulfide	ND	5.4
1,1-Dichloroethene	ND	2.1
1,1-Dichloroethane	ND	5.4
trans-1,2-Dichloroethene	ND	5.4
cis-1,2-Dichloroethene	ND	5.4
Chloroform	ND	5.4
1,2-Dichloroethane	ND	2.1
2-Butanone	ND	5.4
1,1,1-Trichloroethane	ND	5.4
Carbon Tetrachloride	ND	2.1
Bromodichloromethane	ND	1.1
1,2-Dichloropropane	ND	1.1
cis-1,3-Dichloropropene	ND	5.4
Trichloroethene	ND	1.1
Dibromochloromethane	ND	5.4
1,1,2-Trichloroethane	ND	3.2
Benzene	ND	1.1
trans-1,3-Dichloropropene	ND	5.4
Bromoform	ND	4.3
4-Methyl-2-Pentanone	ND	5.4
2-Hexanone	ND	5.4
Tetrachloroethene	ND	1.1
1,1,2,2-Tetrachloroethane	ND	1.1
Toluene	3.5J	5.4
Chlorobenzene	ND	5.4
Ethylbenzene	ND	4.3
Styrene	ND	5.4
Xylene (Total)	ND	5.4

Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Analyzed: 11/22/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14347.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 7

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	5.3
Bromomethane	ND	5.3
Vinyl Chloride	ND	5.3
Chloroethane	ND	5.3
Methylene Chloride	4.4B	3.2
Acetone	17 B	5.3
Carbon Disulfide	ND	5.3
1,1-Dichloroethene	ND	2.1
1,1-Dichloroethane	ND	5.3
trans-1,2-Dichloroethene	ND	5.3
cis-1,2-Dichloroethene	ND	5.3
Chloroform	ND	5.3
1,2-Dichloroethane	ND	2.1
2-Butanone	ND	5.3
1,1,1-Trichloroethane	ND	5.3
Carbon Tetrachloride	ND	2.1
Bromodichloromethane	ND	1.1
1,2-Dichloropropane	ND	1.1
cis-1,3-Dichloropropene	ND	5.3
Trichloroethene	ND	1.1
Dibromochloromethane	ND	5.3
1,1,2-Trichloroethane	ND	3.2
Benzene	ND	1.1
trans-1,3-Dichloropropene	ND	5.3
Bromoform	ND	4.2
4-Methyl-2-Pentanone	ND	5.3
2-Hexanone	ND	5.3
Tetrachloroethene	ND	1.1
1,1,2,2-Tetrachloroethane	ND	1.1
Toluene	3.2J	5.3
Chlorobenzene	ND	5.3
Ethylbenzene	ND	4.2
Styrene	ND	5.3
Xylene (Total)	ND	5.3

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31451.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	360
2-Chlorophenol	ND	360
2-Methylphenol	ND	360
4-Methylphenol	ND	360
2-Nitrophenol	ND	360
2,4-Dimethylphenol	ND	360
2,4-Dichlorophenol	ND	360
4-Chloro-3-methylphenol	ND	360
2,4,6-Trichlorophenol	ND	360
2,4,5-Trichlorophenol	ND	360
2,4-Dinitrophenol	ND	1100
4-Nitrophenol	ND	1100
4,6-Dinitro-2-methylphenol	ND	1100
Pentachlorophenol	ND	1100

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31451.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	36
1,3-Dichlorobenzene	ND	360
1,4-Dichlorobenzene	ND	360
1,2-Dichlorobenzene	ND	360
bis(2-chloroisopropyl)ether	ND	360
N-Nitroso-di-n-propylamine	ND	36
Hexachloroethane	ND	36
Nitrobenzene	ND	36
Isophorone	ND	360
bis(2-Chloroethoxy)methane	ND	360
1,2,4-Trichlorobenzene	ND	36
Naphthalene	ND	360
4-Chloroaniline	ND	360
Hexachlorobutadiene	ND	72
2-Methylnaphthalene	ND	360
Hexachlorocyclopentadiene	ND	360
2-Chloronaphthalene	ND	360
2-Nitroaniline	ND	720
Dimethylphthalate	ND	360
Acenaphthylene	ND	360
2,6-Dinitrotoluene	ND	72
3-Nitroaniline	ND	720
Acenaphthene	ND	360
Dibenzofuran	ND	360
2,4-Dinitrotoluene	ND	72
Diethylphthalate	ND	360
4-Chlorophenyl-phenylether	ND	360
Fluorene	ND	360
4-Nitroaniline	ND	720
N-Nitrosodiphenylamine	ND	360
4-Bromophenyl-phenylether	ND	360
Hexachlorobenzene	ND	36
Phenanthrene	ND	360
Anthracene	ND	360

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31451.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	360
Di-n-butylphthalate	ND	360
Fluoranthene	ND	360
Pyrene	ND	360
Butylbenzylphthalate	ND	360
3,3'-Dichlorobenzidine	ND	720
Benzo(a)anthracene	ND	36
Chrysene	ND	360
bis(2-Ethylhexyl)phthalate	ND	360
Di-n-octylphthalate	ND	360
Benzo(b)fluoranthene	ND	36
Benzo(k)fluoranthene	ND	36
Benzo(a)pyrene	ND	36
Indeno(1,2,3-cd)pyrene	ND	36
Dibenz(a,h)anthracene	ND	36
Benzo(g,h,i)perylene	ND	360

Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31448.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	360
2-Chlorophenol	ND	360
2-Methylphenol	ND	360
4-Methylphenol	ND	360
2-Nitrophenol	ND	360
2,4-Dimethylphenol	ND	360
2,4-Dichlorophenol	ND	360
4-Chloro-3-methylphenol	ND	360
2,4,6-Trichlorophenol	ND	360
2,4,5-Trichlorophenol	ND	360
2,4-Dinitrophenol	ND	1100
4-Nitrophenol	ND	1100
4,6-Dinitro-2-methylphenol	ND	1100
Pentachlorophenol	ND	1100

Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31448.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	36
1,3-Dichlorobenzene	ND	360
1,4-Dichlorobenzene	ND	360
1,2-Dichlorobenzene	ND	360
bis(2-chloroisopropyl)ether	ND	360
N-Nitroso-di-n-propylamine	ND	36
Hexachloroethane	ND	36
Nitrobenzene	ND	36
Isophorone	ND	360
bis(2-Chloroethoxy)methane	ND	360
1,2,4-Trichlorobenzene	ND	36
Naphthalene	ND	360
4-Chloroaniline	ND	360
Hexachlorobutadiene	ND	72
2-Methylnaphthalene	ND	360
Hexachlorocyclopentadiene	ND	360
2-Chloronaphthalene	ND	360
2-Nitroaniline	ND	720
Dimethylphthalate	ND	360
Acenaphthylene	ND	360
2,6-Dinitrotoluene	ND	72
3-Nitroaniline	ND	720
Acenaphthene	ND	360
Dibenzofuran	ND	360
2,4-Dinitrotoluene	ND	72
Diethylphthalate	ND	360
4-Chlorophenyl-phenylether	ND	360
Fluorene	ND	360
4-Nitroaniline	ND	720
N-Nitrosodiphenylamine	ND	360
4-Bromophenyl-phenylether	ND	360
Hexachlorobenzene	ND	36
Phenanthrene	ND	360
Anthracene	ND	360

Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31448.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	360
Di-n-butylphthalate	ND	360
Fluoranthene	ND	360
Pyrene	ND	360
Butylbenzylphthalate	ND	360
3,3'-Dichlorobenzidine	ND	720
Benzo(a)anthracene	ND	36
Chrysene	ND	360
bis(2-Ethylhexyl)phthalate	ND	360
Di-n-octylphthalate	ND	360
Benzo(b)fluoranthene	ND	36
Benzo(k)fluoranthene	ND	36
Benzo(a)pyrene	ND	36
Indeno(1,2,3-cd)pyrene	ND	36
Dibenz(a,h)anthracene	ND	36
Benzo(g,h,i)perylene	ND	360

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample ID: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/27/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC4.i
Front File ID: wf678310.d
Rear File ID: wr678310.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PESTICIDES - GC/ECD
METHOD 8081A

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aldrin	ND	7.2	R
alpha-BHC	ND	7.2	R
beta-BHC	ND	7.2	R
delta-BHC	ND	7.2	R
gamma-BHC (Lindane)	ND	7.2	R
Chlordane	ND	72	R
4,4'-DDD	ND	7.2	R
4,4'-DDE	ND	7.2	R
4,4'-DDT	ND	7.2	R
Dieldrin	ND	7.2	R
Endosulfan I	ND	7.2	R
Endosulfan II	ND	7.2	R
Endosulfan sulfate	ND	7.2	R
Endrin	ND	7.2	R
Endrin aldehyde	ND	7.2	R
Endrin ketone	ND	7.2	R
Heptachlor	ND	7.2	R
Heptachlor epoxide	ND	7.2	R
Methoxychlor	ND	7.2	R
Toxaphene	ND	72	R

Client ID: **Fill-1**
Site: National Grid

Lab Sample ID: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/27/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC4.i
Front File ID: wf678302.d
Rear File ID: wr678302.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PESTICIDES - GC/ECD
METHOD 8081A

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aldrin	ND	7.2	R
alpha-BHC	ND	7.2	R
beta-BHC	ND	7.2	R
delta-BHC	ND	7.2	R
gamma-BHC (Lindane)	ND	7.2	R
Chlordane	ND	72	R
4,4'-DDD	ND	7.2	R
4,4'-DDE	ND	7.2	R
4,4'-DDT	ND	7.2	R
Dieldrin	ND	7.2	R
Endosulfan I	ND	7.2	R
Endosulfan II	ND	7.2	R
Endosulfan sulfate	ND	7.2	R
Endrin	ND	7.2	R
Endrin aldehyde	ND	7.2	R
Endrin ketone	ND	7.2	R
Heptachlor	ND	7.2	R
Heptachlor epoxide	ND	7.2	R
Methoxychlor	ND	7.2	R
Toxaphene	ND	72	R

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample ID: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf425466.d
Rear File ID: vr425466.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	72	R
Aroclor-1221	ND	72	R
Aroclor-1232	ND	72	R
Aroclor-1242	ND	72	R
Aroclor-1248	ND	72	R
Aroclor-1254	ND	72	R
Aroclor-1260	ND	72	R
Aroclor-1262	ND	72	R
Aroclor-1268	ND	72	R

Client ID: **Fill-1**
Site: National Grid

Lab Sample ID: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf425431.d
Rear File ID: vr425431.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	72	R
Aroclor-1221	ND	72	R
Aroclor-1232	ND	72	R
Aroclor-1242	ND	72	R
Aroclor-1248	ND	72	R
Aroclor-1254	ND	72	R
Aroclor-1260	ND	72	R
Aroclor-1262	ND	72	R
Aroclor-1268	ND	72	R

Client ID: **F-Dup-1**
Site: **National Grid**

Lab Sample No: 878526
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07

Matrix: SOLID
Level: LOW
% Moisture: 6.9

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	4750	13.4		P
Antimony	ND	1.2	N	P
Arsenic	2.3	0.69		P
Barium	24.6	0.37	B	P
Beryllium	0.13	0.064	B	P
Cadmium	0.29	0.086	B	P
Calcium	28200	9.1	*	P
Chromium	17.0	0.34		P
Cobalt	4.5	0.37	B	P
Copper	12.7	0.79		P
Iron	13200	8.4		P
Lead	5.6	0.58	*	P
Magnesium	8590	8.9		P
Manganese	270	0.26	*	P
Mercury	ND	0.018		CV
Nickel	12.1	0.52		P
Potassium	444	67.8	BN	P
Selenium	ND	0.90		P
Silver	ND	0.30		P
Sodium	ND	85.0		P
Thallium	ND	1.0		P
Vanadium	11.0	0.64		P
Zinc	32.5	1.2		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **Fill-1**
Site: **National Grid**

Lab Sample No: 878527
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07

Matrix: SOLID
Level: LOW
% Moisture: 7.0

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	5410	13.5		P
Antimony	ND	1.2	N	P
Arsenic	3.3	0.69		P
Barium	24.5	0.37	B	P
Beryllium	0.16	0.065	B	P
Cadmium	0.29	0.086	B	P
Calcium	24900	9.1	*	P
Chromium	8.8	0.34		P
Cobalt	5.0	0.37	B	P
Copper	14.4	0.80		P
Iron	14600	8.4		P
Lead	6.6	0.58	*	P
Magnesium	9250	8.9		P
Manganese	250	0.26	*	P
Mercury	ND	0.018		CV
Nickel	13.1	0.52		P
Potassium	518	67.8	BN	P
Selenium	ND	0.90		P
Silver	ND	0.30		P
Sodium	86.8	85.1	B	P
Thallium	ND	1.0		P
Vanadium	10.3	0.65	B	P
Zinc	32.2	1.2		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Site: National Grid Lab Job No: N763
Matrix: SOIL QA Batch: 2442

Total Cyanide

STL Edison Sample #	Client ID	Date Sampled	Date Extracted	Date Analyzed	Percent Moisture	Dilution Factor	Analytical Result Units: mg/kg
878526	F-Dup-1	11/15/07	11/23/07	11/23/07	6.9	1.0	ND
878527	Fill-1	11/15/07	11/23/07	11/23/07	7.0	1.0	ND

Quantitation Limit for Total Cyanide is 0.5 mg/kg.

General Information

Chain of Custody

N763

TestAmerica Edison

18

STL EDISON

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 1 OF 1

Name (for report and invoice): Allen Evans	Sampler's Name (Printed): Allen Evans	Site/Project Identification: National Grid/Brookfield School Street
Company: ARCADIS BBL	P.O. #	State (Location of Site): NJ: ☐ NY: ☒ Other:
Address: 465 New Karner Rd.	Analysis Turnaround Time: Standard ☐	Regulatory Program: NYS DEC ASP (2000) EPA-SW-846
City: Albany State: NY Zip: 12205	Rush Charges Authorized For: 1 Week ☒, 3 Day ☐, Other ☐	
Phone: 518-452-7826 x31 Fax: 518-452-7086		

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs 8082	Pesticides 8081	TCL VOC 8260	TCL SVOC 8270	TAL Metals 6010/7471	TAL Metals + CN 6010/7471/9010		Sample Numbers
FIELD-DUP-1	—	—	Soil	2	X	X	X	X		X		878526
FIELD-1	11/15/07	1430	Soil	2	X	X	X	X		X		878527
FIELD-1 MS (Matrix Spike)	11/15/07	1430	Soil	2	X	X	X	X		X	(Matrix Spike)	878527
FIELD-1 MSD (Matrix Spike Dup)	11/15/07	1430	Soil	2	X	X	X	X		X	(Matrix Spike Dup)	878527

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil:	1	1	1	1		1						
Water:												

Special Instructions Lab Contact Lynn Kuhl Cooler Temp: 3° Water Metals Filtered (Yes/No)? _____

	Company	Date/Time	Received by	Company
Relinquished by 1. Allen J Evans	ARCADIS BBL	11/6/07 1645	Fed Ex	
Relinquished by 2. Fed Ex		11/9/07 13:30		Test America
Relinquished by 3.			Received by	
Relinquished by 4.			Received by	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: N763 **Site:** National Grid

Client: ARCADIS BBL

VOAMS

SOLID - 8260B

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
878526	11/15/2007	11/19/2007			11/21/2007	Martinez, Eddie	2456
878527	11/15/2007	11/19/2007			11/22/2007	Martinez, Eddie	2456

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: N763 **Site:** National Grid

Client: ARCADIS BBL

BNAMS

SOLID - 8270C

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
878526	11/15/2007	11/19/2007	11/20/2007	Masango, Charles	11/21/2007	Crocco, Michael	6424
878527	11/15/2007	11/19/2007	11/20/2007	Masango, Charles	11/21/2007	Crocco, Michael	6424

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: N763 **Site:** National Grid

Client: ARCADIS BBL

PESTGC

8081A

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
878526	11/15/2007	11/19/2007	11/20/2007	Staib, Thomas	11/27/2007	Damarapu, Shanthi	6239
878527	11/15/2007	11/19/2007	11/20/2007	Staib, Thomas	11/27/2007	Damarapu, Shanthi	6239

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: N763 **Site:** National Grid

Client: ARCADIS BBL

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
878526	11/15/2007	11/19/2007	11/20/2007	Staib, Thomas	11/21/2007	Diaz, Carol	6240
878527	11/15/2007	11/19/2007	11/20/2007	Staib, Thomas	11/21/2007	Diaz, Carol	6240

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	N763	**Site:**	National Grid
Client:	ARCADIS BBL	**Date Sampled:**	11/15/2007
Sample No.:	878526	**Date Received:**	11/19/2007
		Matrix:	SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	11/23/2007	Sheikh, Razia	11/23/2007	Sheikh, Razia	23590
ALUMINUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
ANTIMONY	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
ARSENIC	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
BARIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
BERYLLIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
CADMIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
CALCIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
CHROMIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
COBALT	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
COPPER	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
IRON	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
LEAD	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
MAGNESIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
MANGANESE	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
NICKEL	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
POTASSIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
SELENIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
SILVER	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
SODIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
THALLIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
VANADIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
ZINC	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: N763 **Site:** National Grid

Client: ARCADIS BBL **Date Sampled:** 11/15/2007

Sample No.: 878527 **Date Received:** 11/19/2007

Matrix: SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	11/23/2007	Sheikh, Razia	11/23/2007	Sheikh, Razia	23590
ALUMINUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
ANTIMONY	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
ARSENIC	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
BARIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
BERYLLIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
CADMIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
CALCIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
CHROMIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
COBALT	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
COPPER	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
IRON	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
LEAD	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
MAGNESIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
MANGANESE	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
NICKEL	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
POTASSIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
SELENIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
SILVER	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
SODIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
THALLIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
VANADIUM	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590
ZINC	11/23/2007	Cheema, Ali	11/26/2007	Chang, Churnder	23590

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: N763 **Site:** National Grid

Client: ARCADIS BBL

WET CHEM

TOTAL CYANIDE

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
878526	11/15/2007	11/19/2007	11/23/2007	Afremova, Izabella	11/23/2007	Afremova, Izabella	2442
878527	11/15/2007	11/19/2007	11/23/2007	Afremova, Izabella	11/23/2007	Afremova, Izabella	2442

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in “Methods for Chemical Analysis of Water and Wastewater” (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition); samples are digested according to Method 3050B “Acid Digestion of Soil, Sediments and Sludges.”

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS –1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

ORGANIC DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than or equal to the method detection limit. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

ND/U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

+ - Correlation coefficient for MSA is less than 0.995.

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

Non-Conformance Summary

Nonconformance Summary

TestAmerica Edison Job # : N763

Client: ARCADIS BBL

Date: 12/6/2007

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

Soil blank PV325A contains 0.7 ppb of Methylene Chloride and 5.1 ppb Acetone. Sample results are flagged with a B qualifier.

QA batch 2456: MSD % recovery of Chlorobenzene and 1,3-Dichlorobenzene are outside of Q.C. limits due to matrix interference (Matrix Spike/Blank Spike recovery is within QC limits).

Base/Neutral and/or Acid Extractable Organics (GC/MS):

All data conforms with method requirements.

Pesticides/PCBs:

Pesticide QA batch 6239: MS/MSD RPD for all compounds are biased high.

Pesticide QA batch 6239: matrix spike recovery of multiple compounds are biased low, (blank spike recovery is within Q.C. limits).

Metals:

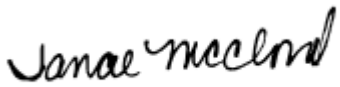
Calcium, lead and manganese Sample Duplicate RPD(s) are outside Q.C. limits. Poor precision attributed to non homogeneous sample (LCS/LCSdup RPD are within Q.C. limits).

Antimony and potassium Matrix Spike recoveries are outside Q.C. limits. Q.C. failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C. limits).

Wet Chemistry:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.



Janae McCloud
Project Manager

GC/MS Forms and Data (Volatiles)

Results Summary and Chromatograms

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Analyzed: 11/21/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14346.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 7

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	5.4
Bromomethane	ND	5.4
Vinyl Chloride	ND	5.4
Chloroethane	ND	5.4
Methylene Chloride	4.4B	3.2
Acetone	13 B	5.4
Carbon Disulfide	ND	5.4
1,1-Dichloroethene	ND	2.1
1,1-Dichloroethane	ND	5.4
trans-1,2-Dichloroethene	ND	5.4
cis-1,2-Dichloroethene	ND	5.4
Chloroform	ND	5.4
1,2-Dichloroethane	ND	2.1
2-Butanone	ND	5.4
1,1,1-Trichloroethane	ND	5.4
Carbon Tetrachloride	ND	2.1
Bromodichloromethane	ND	1.1
1,2-Dichloropropane	ND	1.1
cis-1,3-Dichloropropene	ND	5.4
Trichloroethene	ND	1.1
Dibromochloromethane	ND	5.4
1,1,2-Trichloroethane	ND	3.2
Benzene	ND	1.1
trans-1,3-Dichloropropene	ND	5.4
Bromoform	ND	4.3
4-Methyl-2-Pentanone	ND	5.4
2-Hexanone	ND	5.4
Tetrachloroethene	ND	1.1
1,1,2,2-Tetrachloroethane	ND	1.1
Toluene	3.5J	5.4
Chlorobenzene	ND	5.4
Ethylbenzene	ND	4.3
Styrene	ND	5.4
Xylene (Total)	ND	5.4

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14346.d
Report Date: 26-Nov-2007 04:41

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14346.d
Lab Smp Id: 878526 Client Smp ID: F-Dup-1
Inj Date : 21-NOV-2007 23:55
Operator : VOAMS 9 Inst ID: VOAMS13.i
Smp Info : 878526;;;5.01;5
Misc Info : N763;2456;;EM AT
Comment :
Method : /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/8260L_06.m
Meth Date : 23-Nov-2007 08:25 pritch Quant Type: ISTD
Cal Date : 16-NOV-2007 18:27 Cal File: p14216.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLVOAv.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

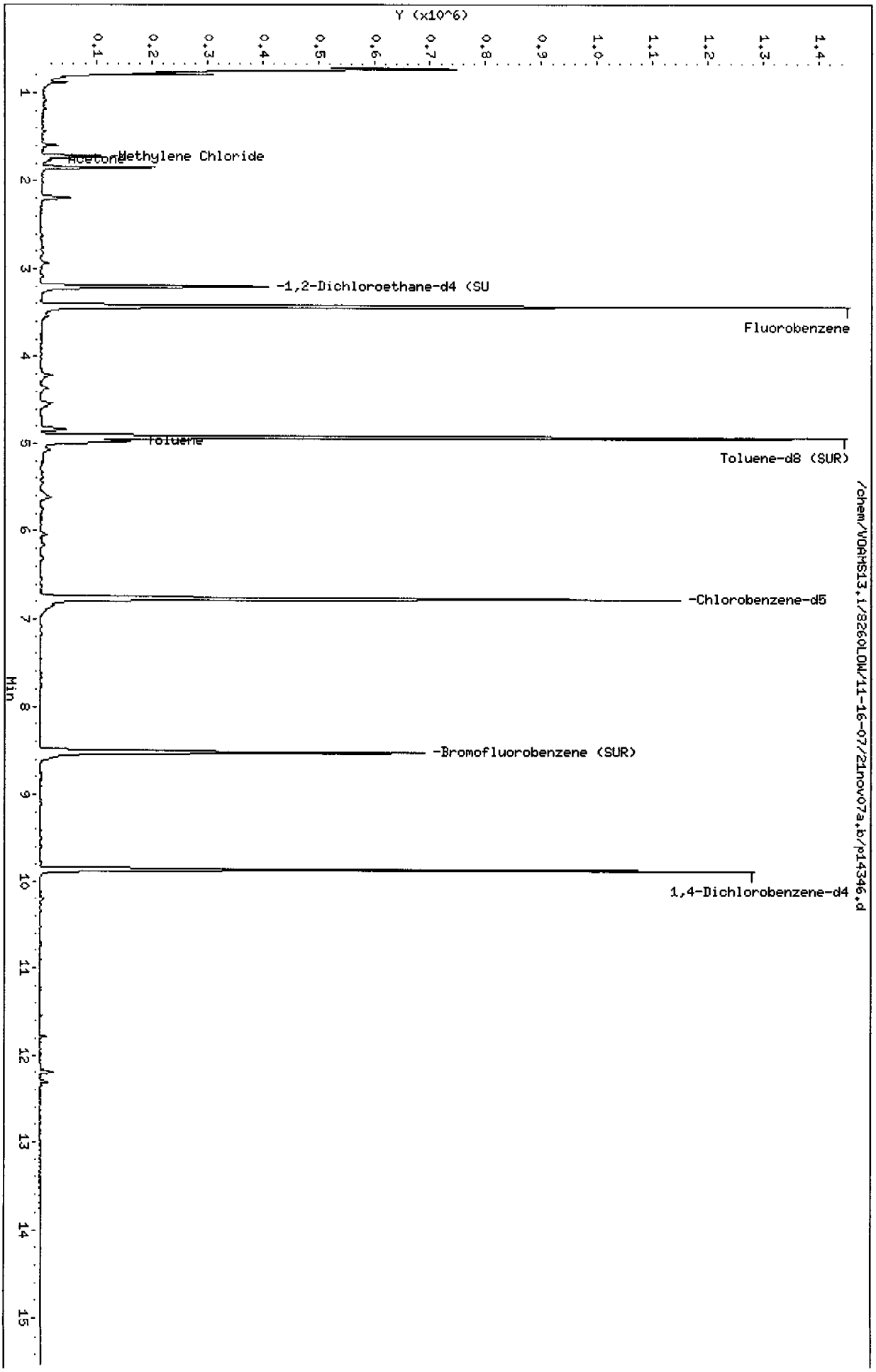
Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.01000	Weight of sample extracted (g)
M	6.90000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7 Acetone	43	1.764	1.756	(0.515)	19782	12.4257	13
6 Methylene Chloride	84	1.721	1.721	(0.502)	28488	4.15449	4.4
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.203	3.203	(0.935)	276389	39.6163	42
* 69 Fluorobenzene	96	3.426	3.425	(1.000)	1168943	50.0000	
$ 37 Toluene-d8 (SUR)	98	4.923	4.922	(0.728)	986047	38.9418	42
38 Toluene	91	4.973	4.973	(0.735)	109932	3.30638	3.5(a)
* 32 Chlorobenzene-d5	117	6.763	6.763	(1.000)	756130	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	8.518	8.518	(0.864)	218020	49.7720	53
* 91 1,4-Dichlorobenzene-d4	152	9.858	9.858	(1.000)	268211	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14346.d
Date : 21-NOV-2007 23:55
Client ID: F-Dup-1
Sample Info: 878526;;;5.01;5
Column phase: DB624
Instrument: VOAMS13.i
Operator: VOAMS 9
Column diameter: 0.53
Y (x10^6)
Methylene Chloride
-1,2-Dichloroethane-d4 (SU
Fluorobenzene
Toluene
Toluene-d8 (SUR)
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14346.d
Min

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14346.d

Date : 21-NOV-2007 23:55

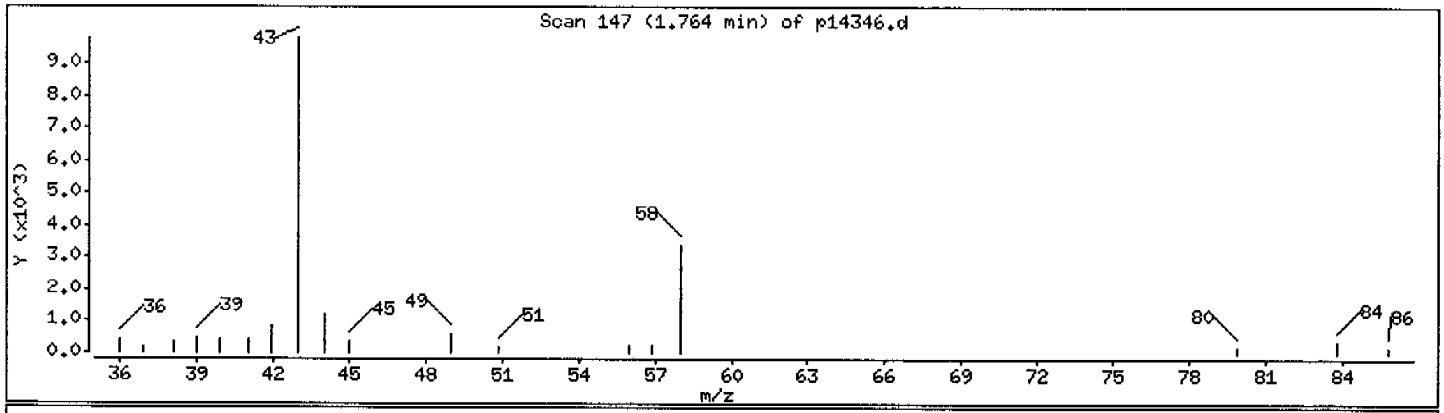
Client ID: F-Dup-1 Instrument: VOAMS13.i

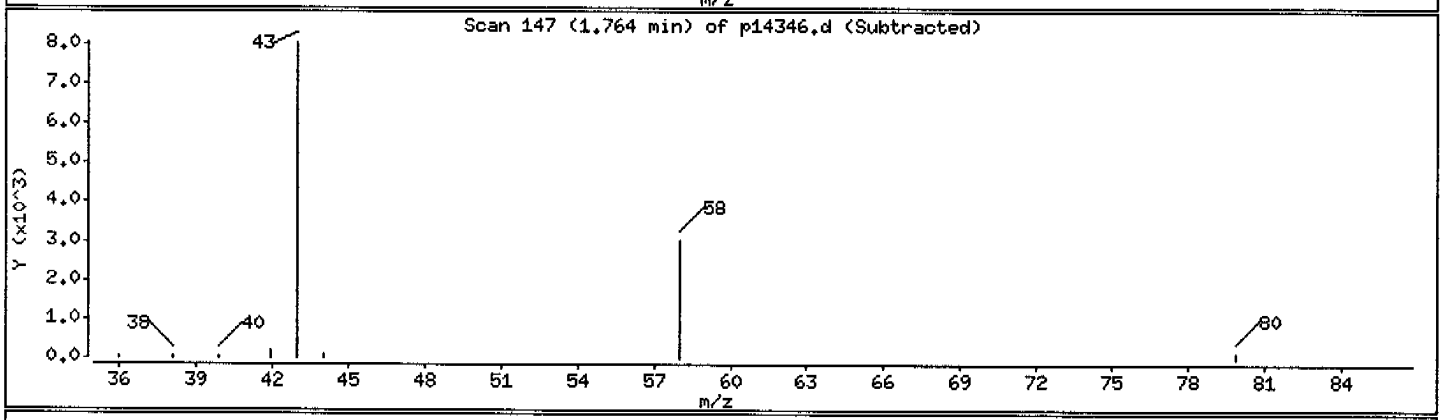
Sample Info: 878526;;;5.01;5

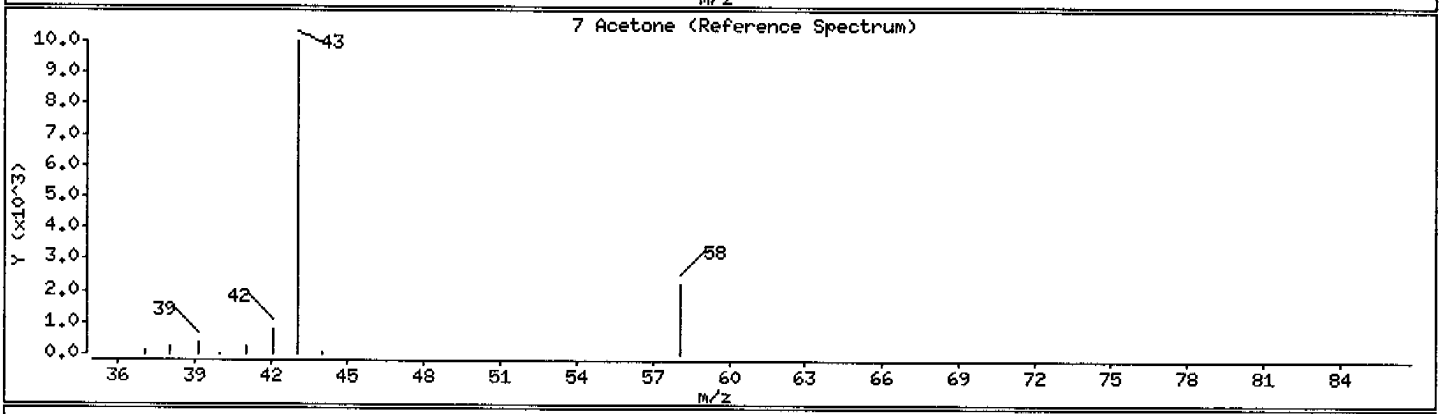
Operator: VOAMS 9

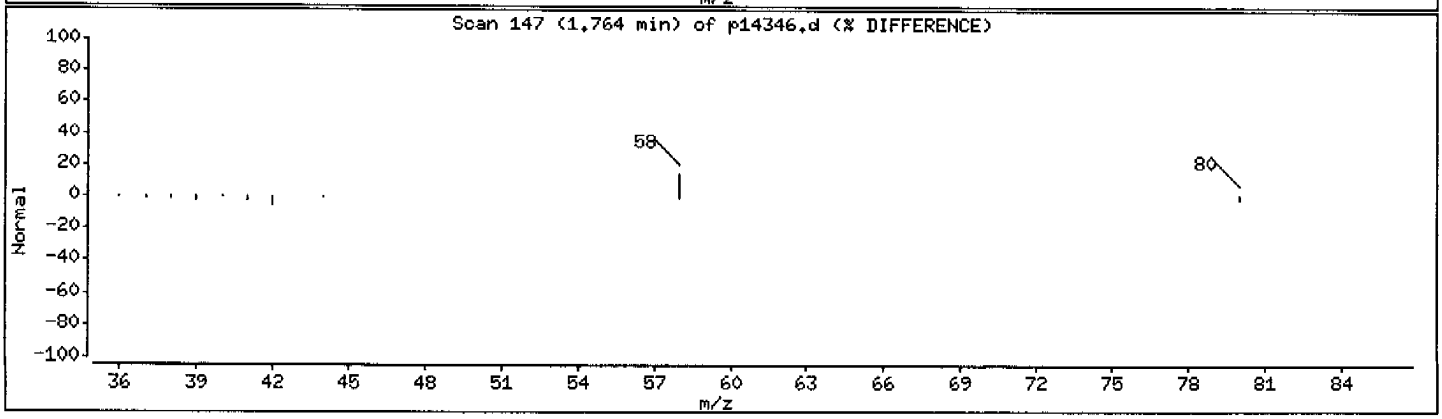
Column phase: DB624 Column diameter: 0.53

7 Acetone Concentration: 13 ug/Kg









Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14346.d

Date : 21-NOV-2007 23:55

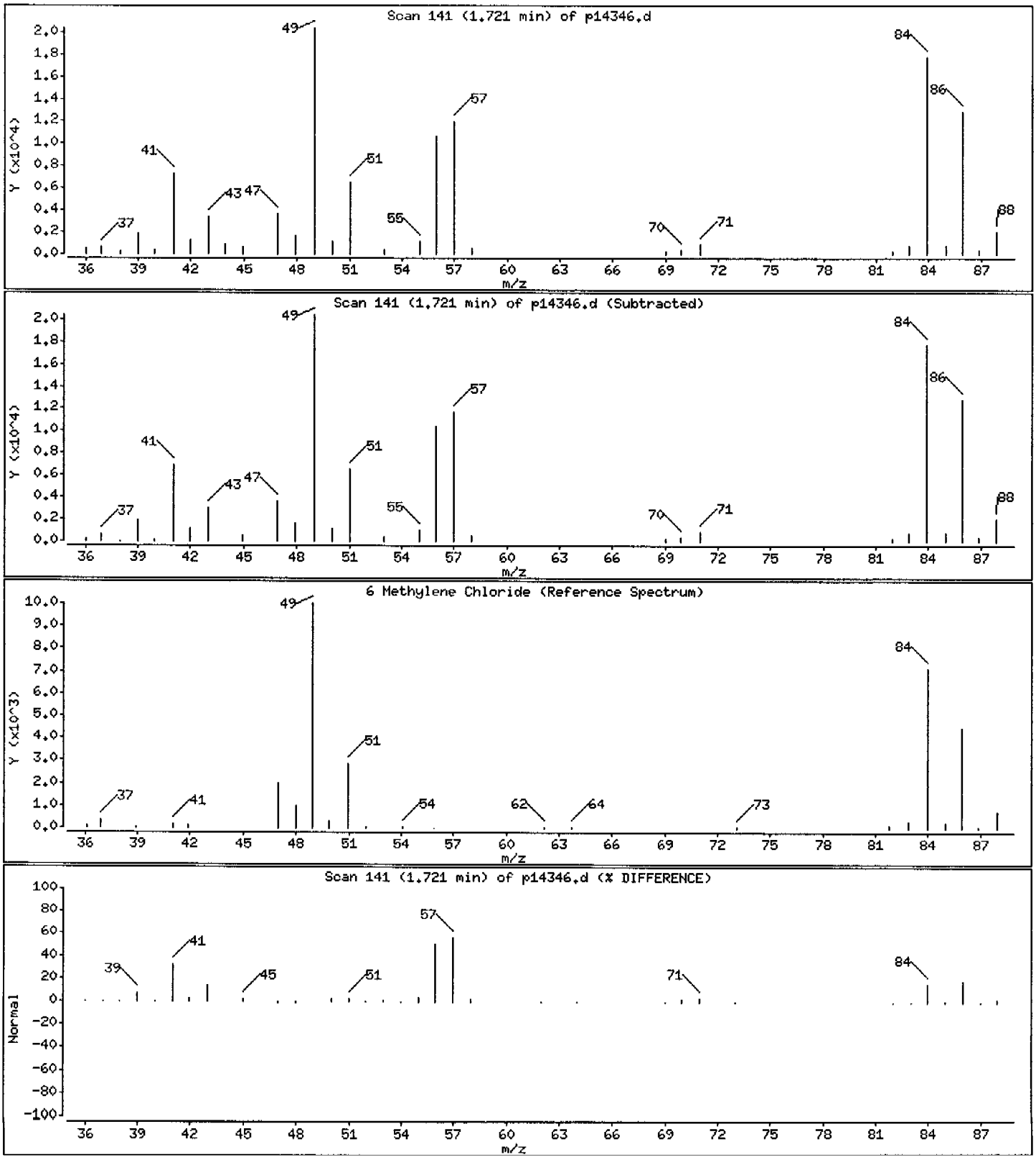
Client ID: F-Dup-1 Instrument: VOAMS13.i

Sample Info: 878526;;;5.01;5

Operator: VOAMS 9

Column phase: DB624 Column diameter: 0.53

6 Methylene Chloride Concentration: 4.4 ug/Kg



Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14346.d

Date : 21-NOV-2007 23:55

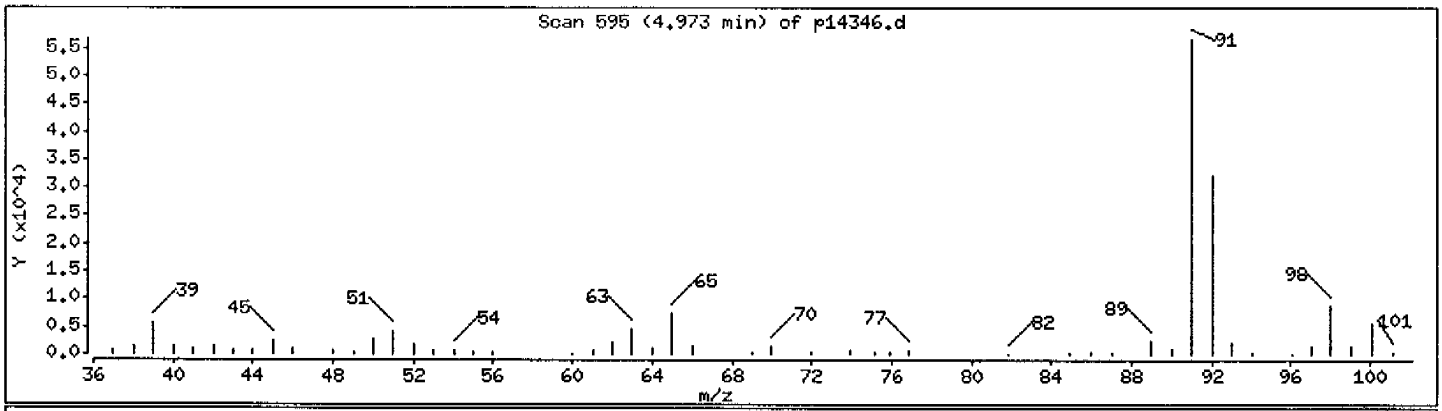
Client ID: F-Dup-1 Instrument: VOAMS13.i

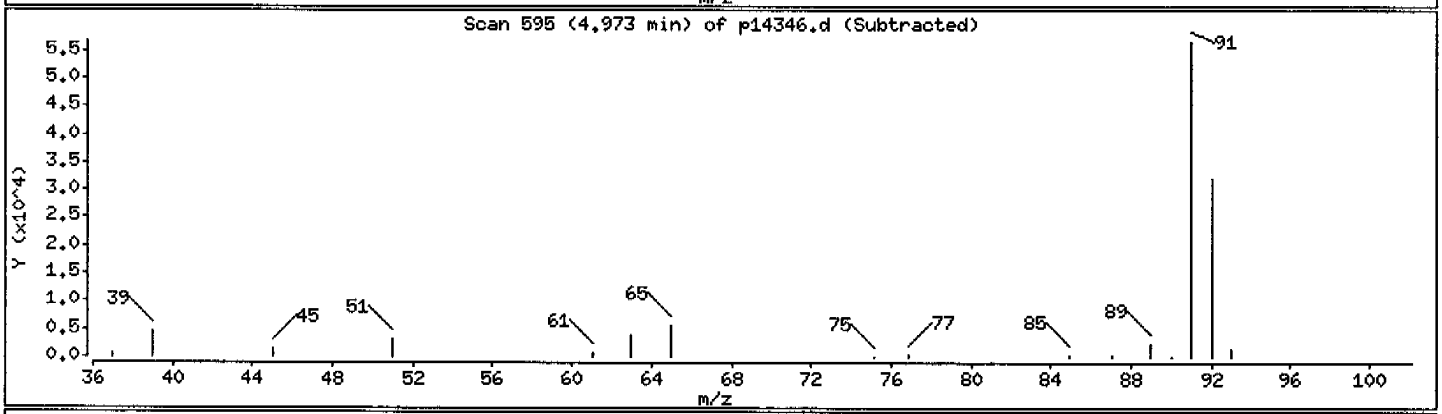
Sample Info: 878526;;;5.01;5

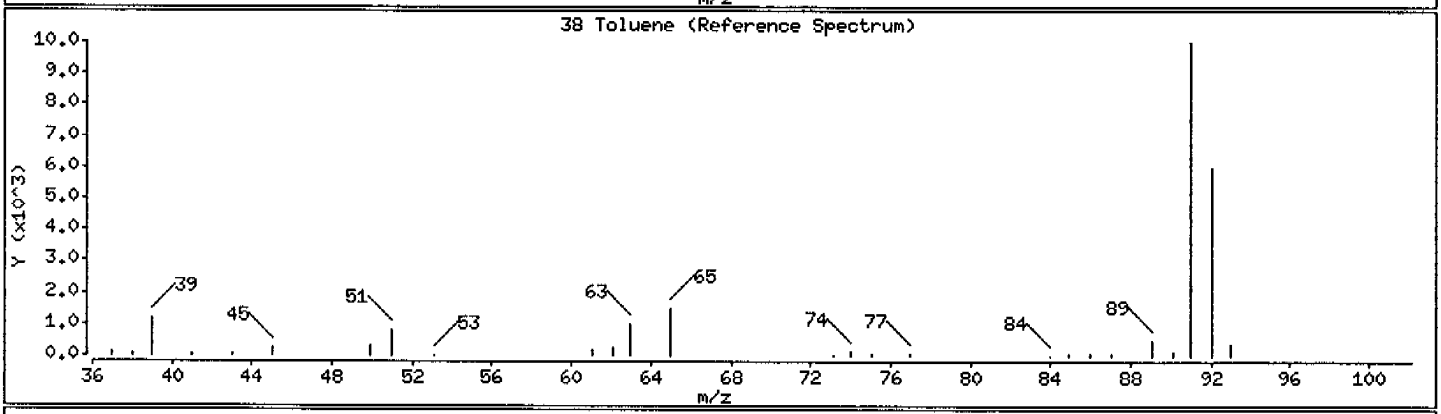
Operator: VOAMS 9

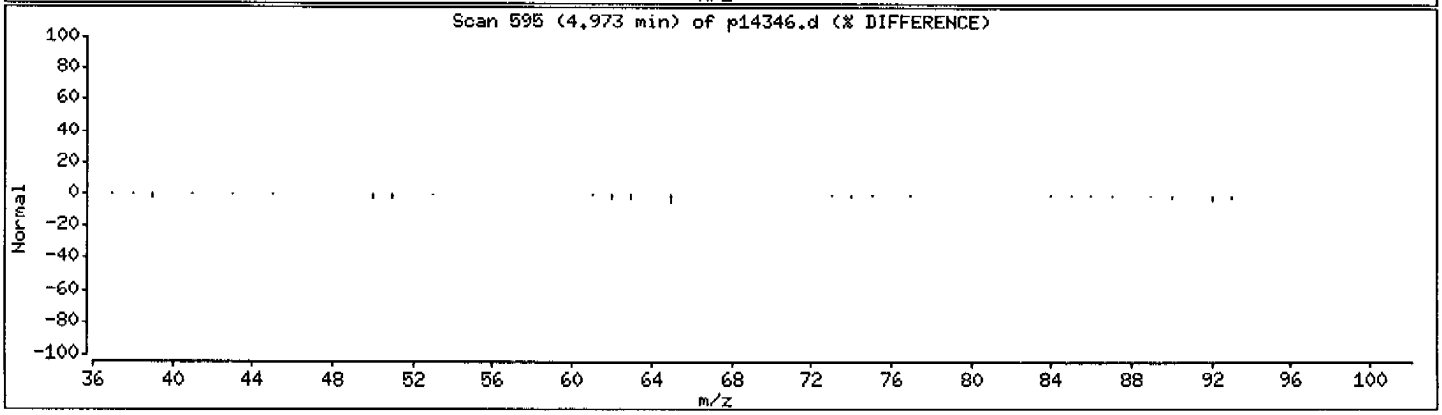
Column phase: DB624 Column diameter: 0.53

38 Toluene Concentration: 3.5 ug/Kg









Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Analyzed: 11/22/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14347.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 7

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	5.3
Bromomethane	ND	5.3
Vinyl Chloride	ND	5.3
Chloroethane	ND	5.3
Methylene Chloride	4.4B	3.2
Acetone	17 B	5.3
Carbon Disulfide	ND	5.3
1,1-Dichloroethene	ND	2.1
1,1-Dichloroethane	ND	5.3
trans-1,2-Dichloroethene	ND	5.3
cis-1,2-Dichloroethene	ND	5.3
Chloroform	ND	5.3
1,2-Dichloroethane	ND	2.1
2-Butanone	ND	5.3
1,1,1-Trichloroethane	ND	5.3
Carbon Tetrachloride	ND	2.1
Bromodichloromethane	ND	1.1
1,2-Dichloropropane	ND	1.1
cis-1,3-Dichloropropene	ND	5.3
Trichloroethene	ND	1.1
Dibromochloromethane	ND	5.3
1,1,2-Trichloroethane	ND	3.2
Benzene	ND	1.1
trans-1,3-Dichloropropene	ND	5.3
Bromoform	ND	4.2
4-Methyl-2-Pentanone	ND	5.3
2-Hexanone	ND	5.3
Tetrachloroethene	ND	1.1
1,1,2,2-Tetrachloroethane	ND	1.1
Toluene	3.2J	5.3
Chlorobenzene	ND	5.3
Ethylbenzene	ND	4.2
Styrene	ND	5.3
Xylene (Total)	ND	5.3

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14347.d
Report Date: 26-Nov-2007 04:41

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14347.d
Lab Smp Id: 878527 Client Smp ID: Fill-1
Inj Date : 22-NOV-2007 00:18
Operator : VOAMS 9 Inst ID: VOAMS13.i
Smp Info : 878527;;;5.05;5
Misc Info : N763;2456;;EM AT
Comment :
Method : /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/8260L_06.m
Meth Date : 23-Nov-2007 08:25 pritch Quant Type: ISTD
Cal Date : 16-NOV-2007 18:27 Cal File: p14216.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLVOAv.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

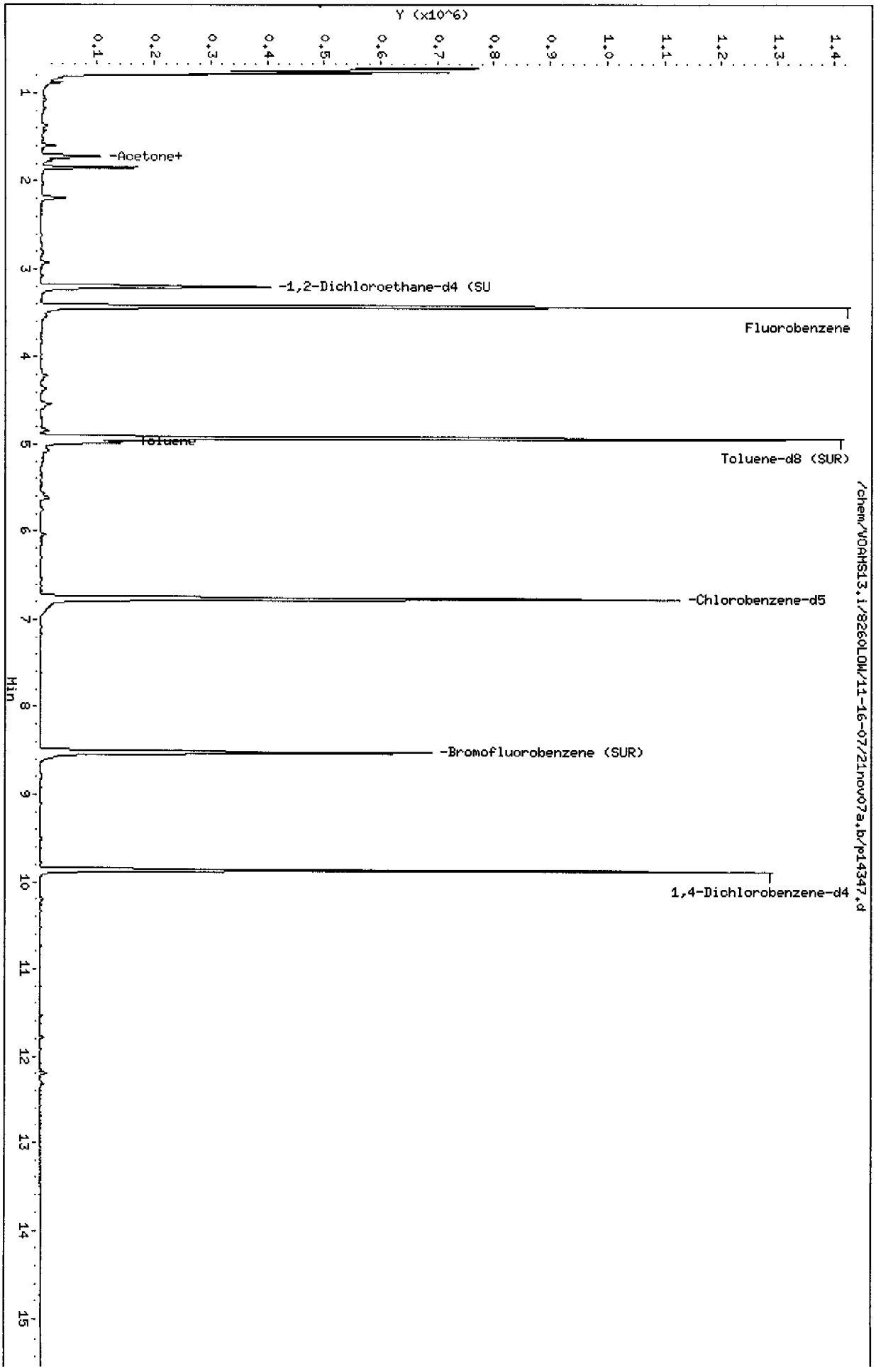
Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.05000	Weight of sample extracted (g)
M	7.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.764	1.756	(0.515)	24611	15.5971	17
	6 Methylene Chloride	84	1.721	1.721	(0.502)	27945	4.11172	4.4
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.204	3.203	(0.935)	271522	39.2665	42
*	69 Fluorobenzene	96	3.426	3.425	(1.000)	1158589	50.0000	
$	37 Toluene-d8 (SUR)	98	4.923	4.922	(0.728)	958924	38.3807	41
	38 Toluene	91	4.980	4.973	(0.736)	99537	3.03406	3.2(a)
*	32 Chlorobenzene-d5	117	6.764	6.763	(1.000)	746081	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.519	8.518	(0.864)	212432	48.4250	52
*	91 1,4-Dichlorobenzene-d4	152	9.858	9.858	(1.000)	268606	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a,b/p14347.d
Date : 22-NOV-2007 00:18
Client ID: Fill-1
Sample Info: 878527;;;5.05;5
Column phase: DB624
Instrument: VOAMS13.i
Operator: VOAMS 9
Column diameter: 0.53
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
Min
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
-Acetone+
-1,2-Dichloroethane-d4 (SU
Fluorobenzene
Toluene
Toluene-d8 (SUR)
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAMS13.i/8260LOW/11-16-07/21nov07a,b/p14347.d

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14347.d

Date : 22-NOV-2007 00:18

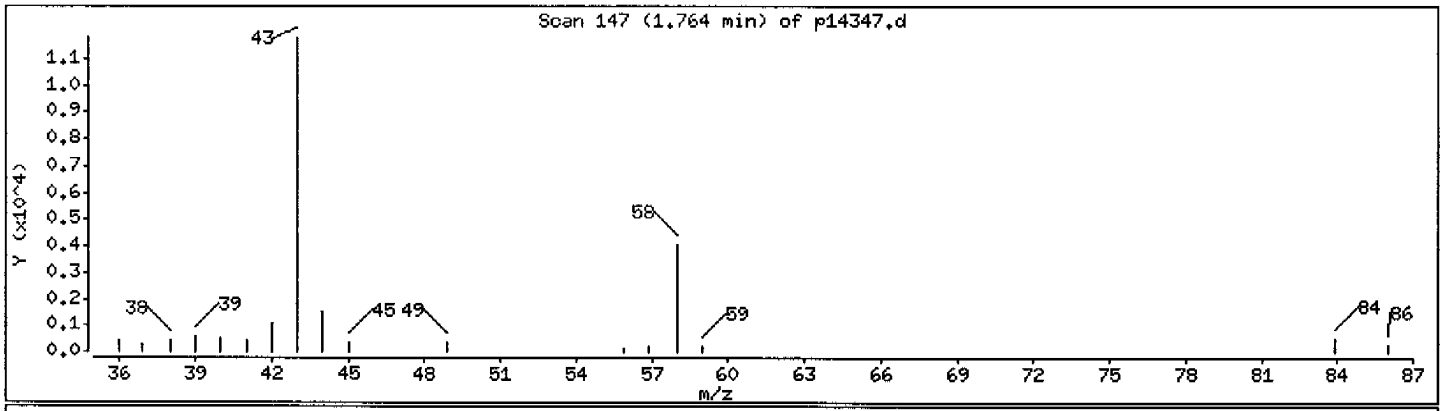
Client ID: Fill-1 Instrument: VOAMS13.i

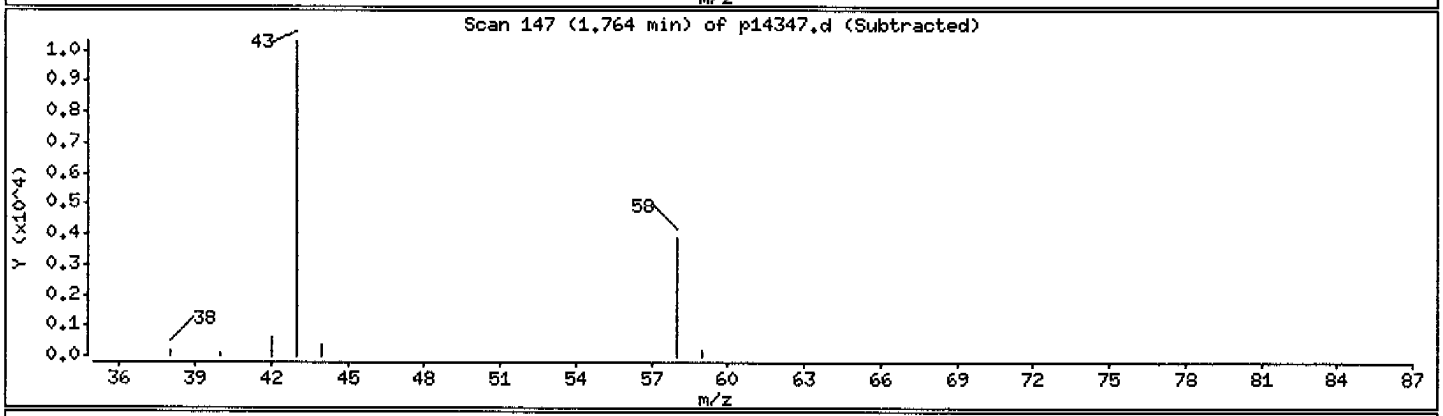
Sample Info: 878527;;;5.05;5

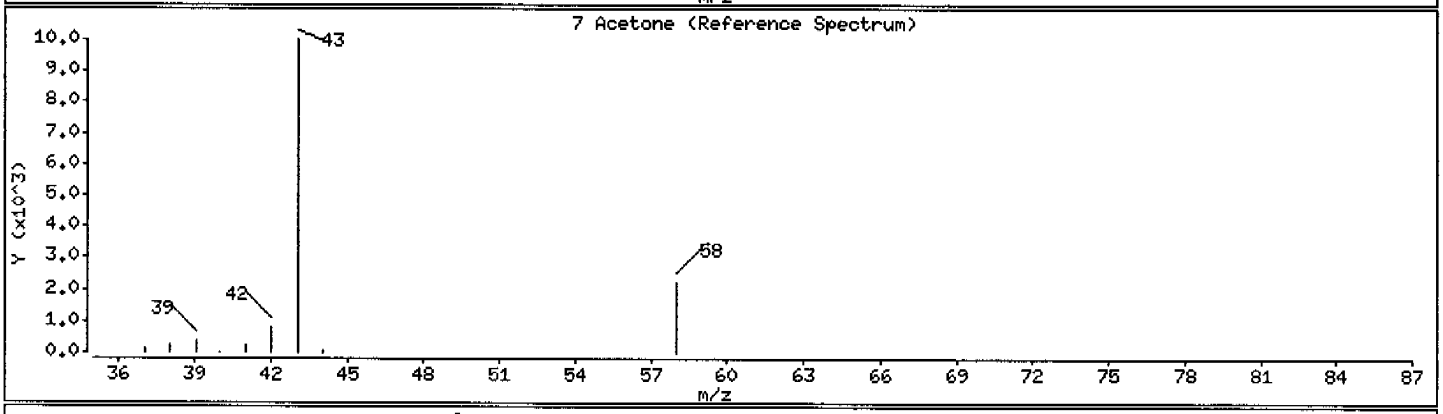
Operator: VOAMS 9

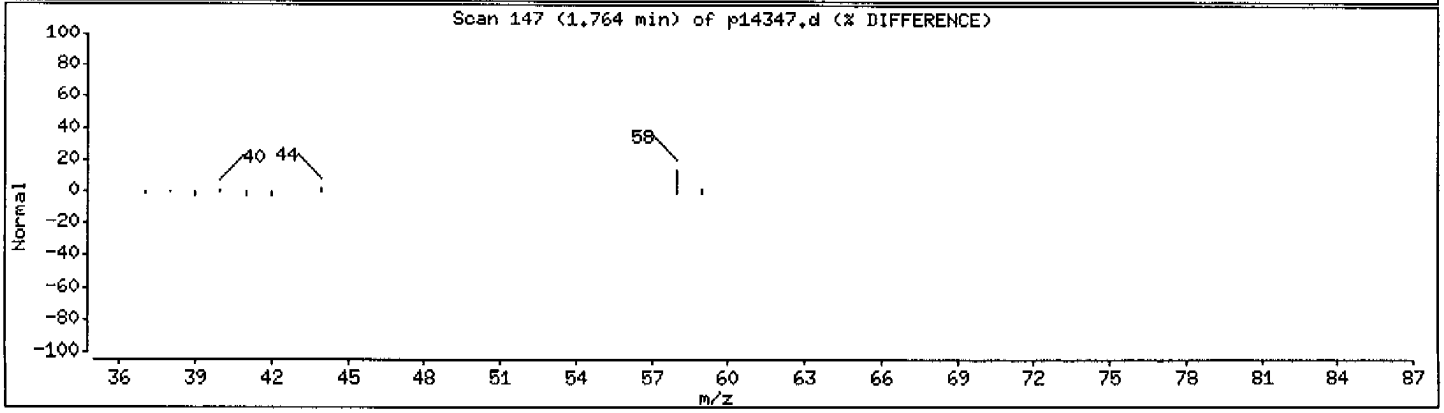
Column phase: DB624 Column diameter: 0.53

7 Acetone Concentration: 17 ug/Kg









Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14347.d

Date : 22-NOV-2007 00:18

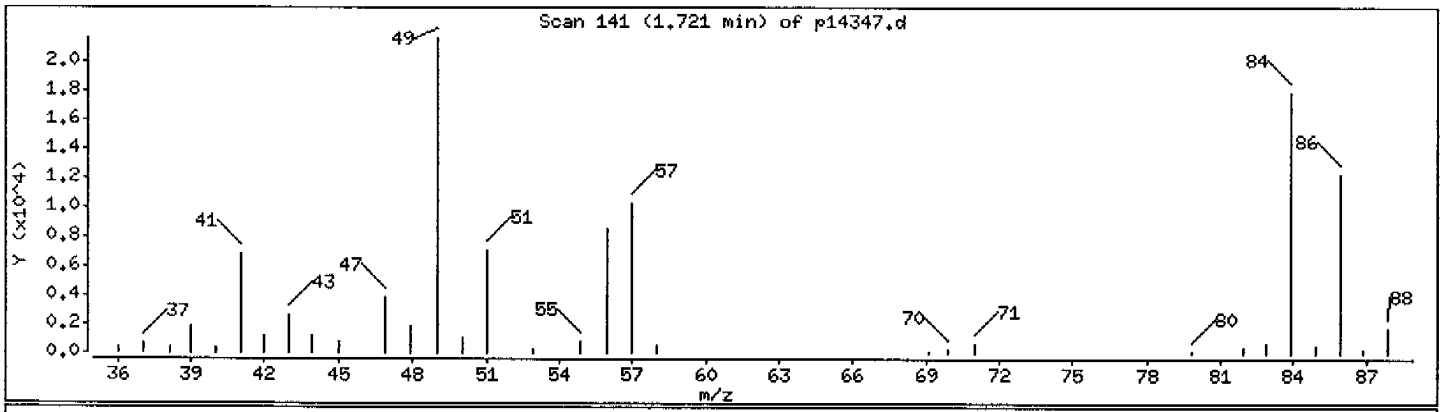
Client ID: Fill-1 Instrument: VOAMS13.i

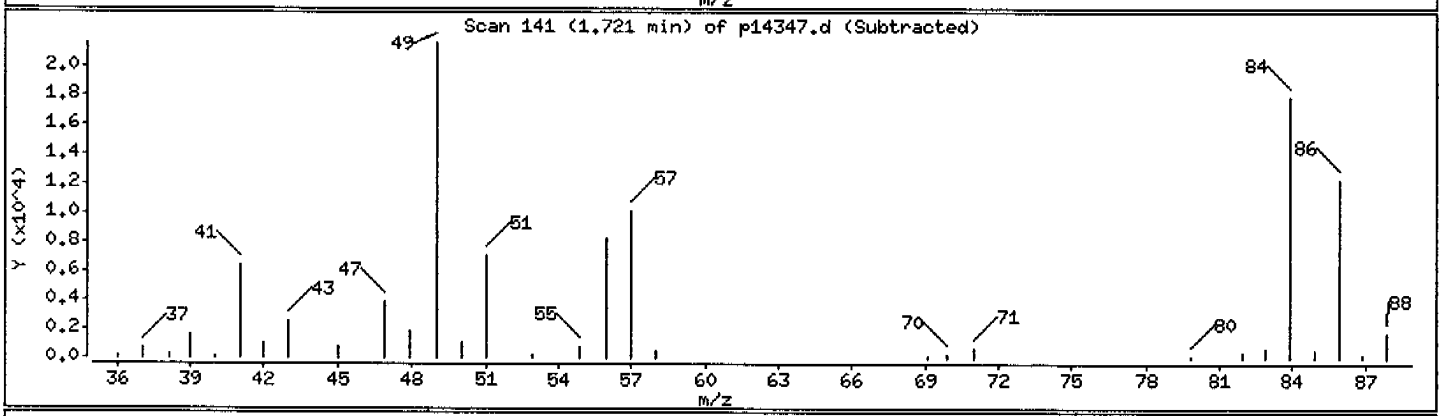
Sample Info: 878527;;;5.05;5

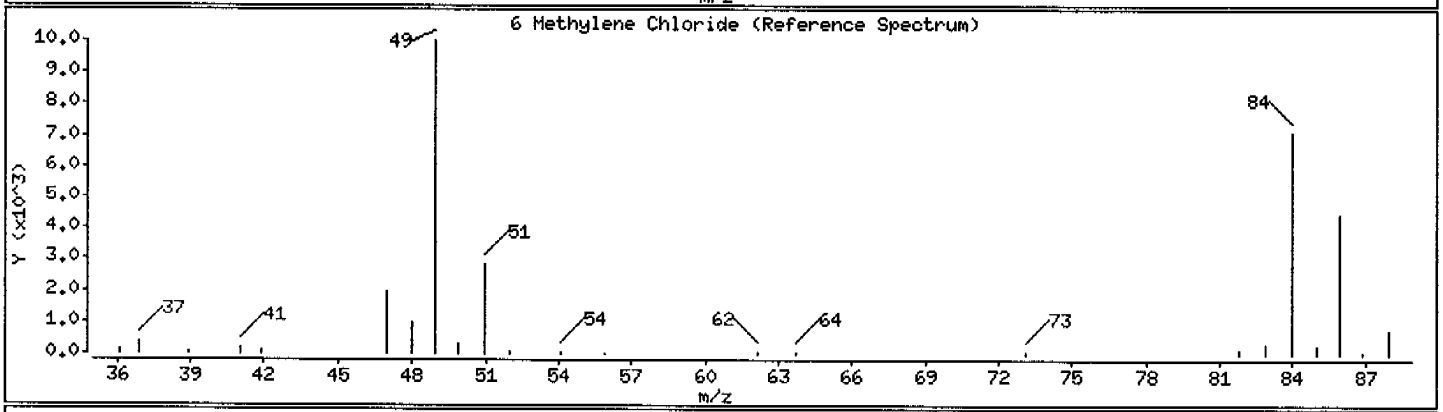
Operator: VOAMS 9

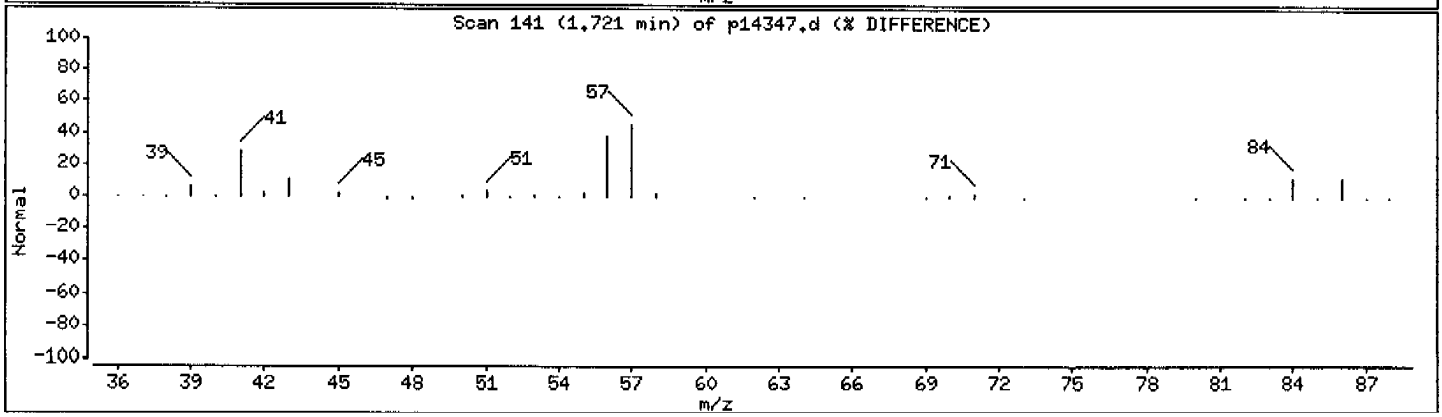
Column phase: DB624 Column diameter: 0.53

6 Methylene Chloride Concentration: 4.4 ug/Kg









Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14347.d

Date : 22-NOV-2007 00:18

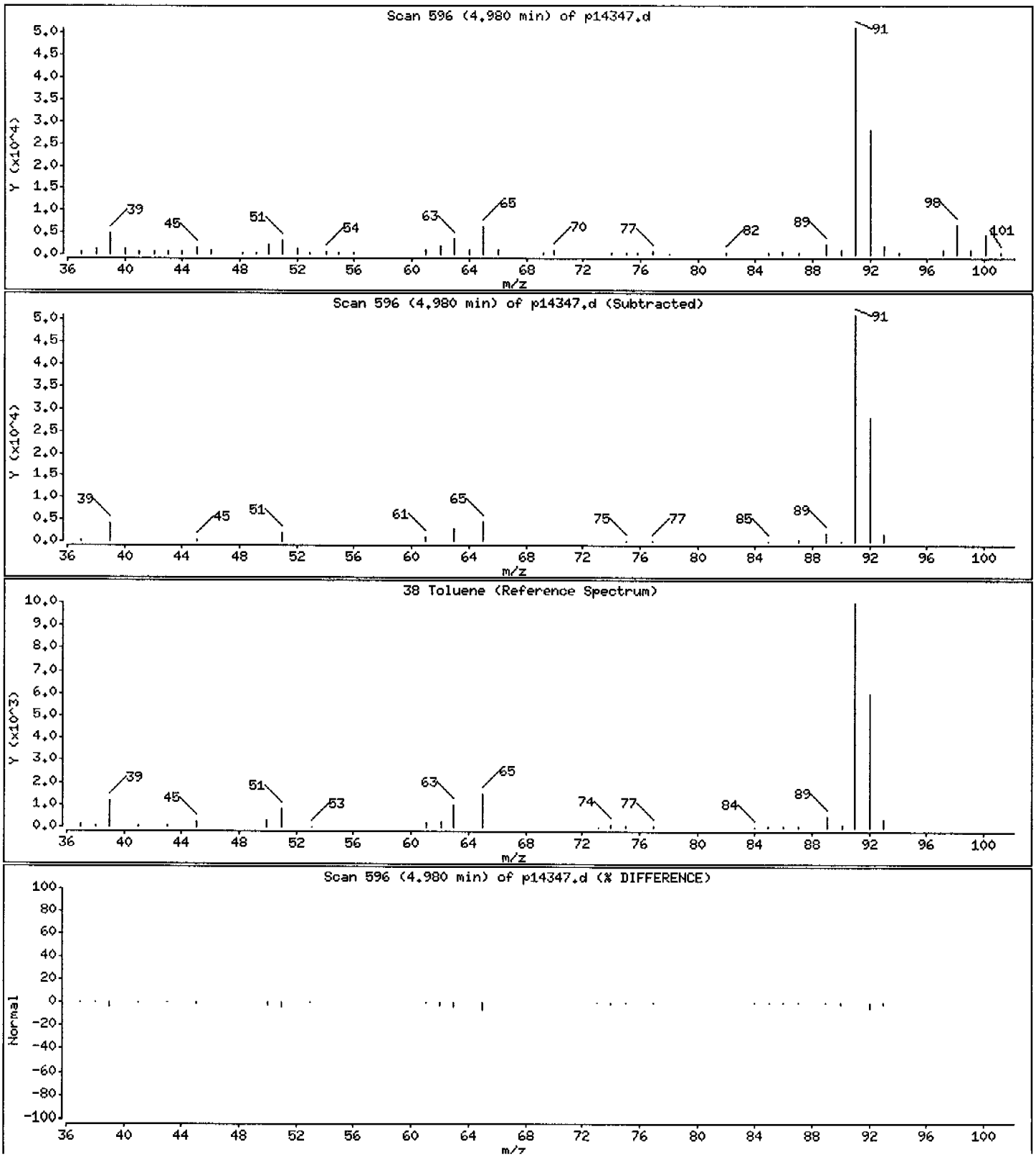
Client ID: Fill-1 Instrument: VOAMS13.i

Sample Info: 878527;;;5.05;5

Operator: VOAMS 9

Column phase: DB624 Column diameter: 0.53

38 Toluene Concentration: 3.2 ug/Kg



Tuning Results Summary

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: P14206

BFB Injection Date: 11/16/07

Instrument ID: VOAMS13

BFB Injection Time: 1435

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.5
75	30.0 - 60.0% of mass 95	47.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.6 (0.8)1
174	50.0 - 100.0% of mass 95	65.3
175	5.0 - 9.0% of mass 174	4.6 (7.0)1
176	95.0 - 101.0% of mass 174	63.6 (97.4)1
177	5.0 - 9.0% of mass 176	3.9 (6.1)2

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

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

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	PSTD010	PSTD010	P14209	11/16/07	1537
02	PSTD020	PSTD020	P14210	11/16/07	1600
03	PSTD050	PSTD050	P14211	11/16/07	1624
04	PSTD100	PSTD100	P14212	11/16/07	1647
05	PSTD200	PSTD200	P14213	11/16/07	1711
06	PSTD005	PSTD005	P14216	11/16/07	1827
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/16nov07.b/p14206.d

Date : 16-NOV-2007 14:35

Client ID:

Instrument: VOAMS13.i

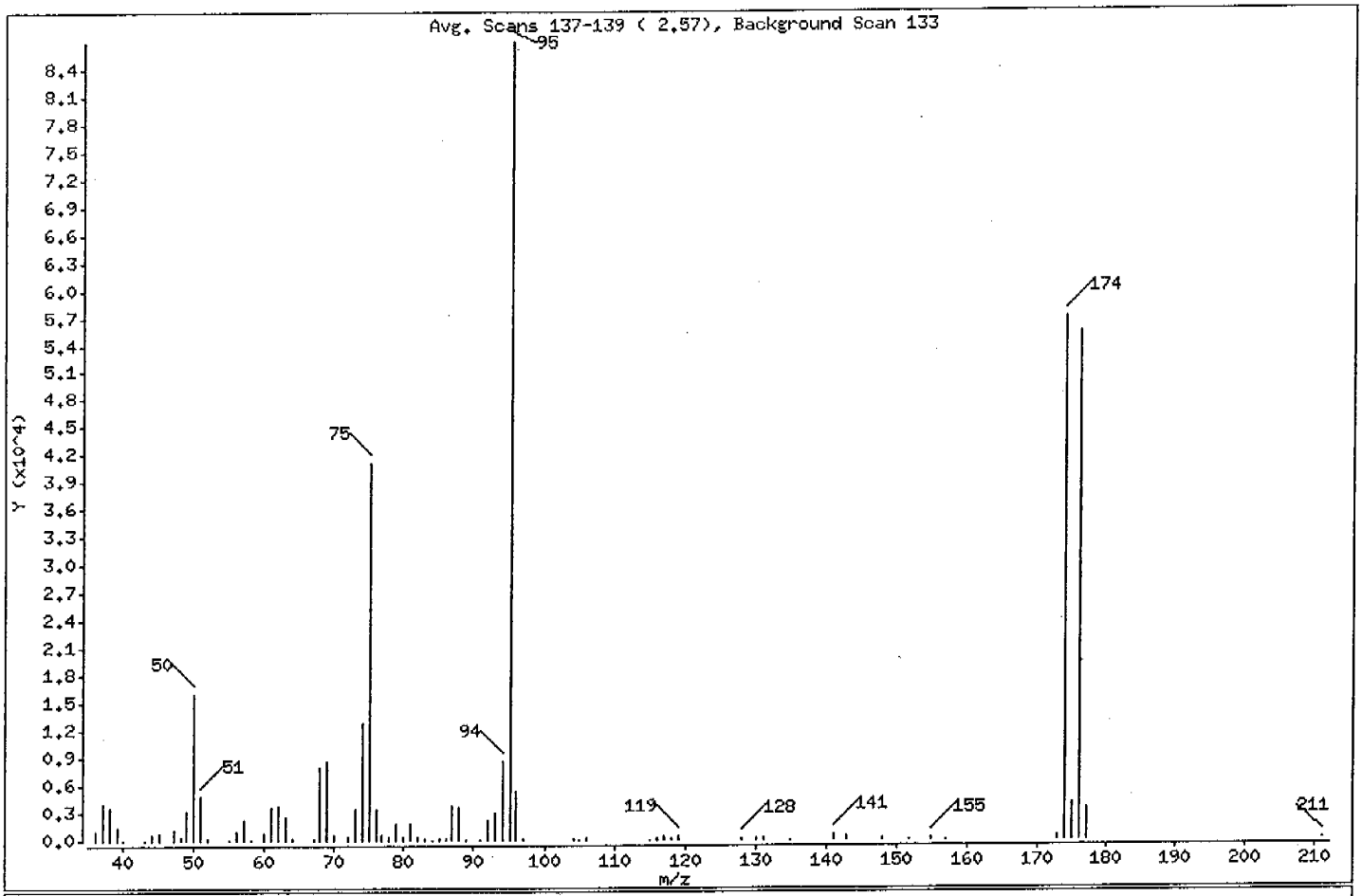
Sample Info: PBFB320

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.50
75	30.00 - 60.00% of mass 95	47.20
96	5.00 - 9.00% of mass 95	6.33
173	Less than 2.00% of mass 174	0.56 (0.85)
174	50.00 - 100.00% of mass 95	65.34
175	5.00 - 9.00% of mass 174	4.56 (6.98)
176	95.00 - 101.00% of mass 174	63.64 (97.40)
177	5.00 - 9.00% of mass 176	3.90 (6.12)

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/16nov07.b/p14206.d

Date : 16-NOV-2007 14:35

Client ID:

Instrument: VOAMS13.i

Sample Info: PBFB320

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: p14206.d

Spectrum: Avg. Scans 137-139 (2.57), Background Scan 133

Location of Maximum: 95.00

Number of points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	941	62.00	3845	85.00	138	128.00	207
37.00	3988	63.00	2549	86.00	163	130.00	184
38.00	3627	64.00	200	87.00	3878	131.00	124
39.00	1477	67.00	270	88.00	3644	135.00	55
40.00	20	68.00	7968	89.00	87	141.00	619
43.00	64	69.00	8696	91.00	98	143.00	495
44.00	701	70.00	633	92.00	2213	148.00	200
45.00	825	72.00	427	93.00	3042	152.00	52
47.00	1232	73.00	3436	94.00	8534	155.00	149
48.00	479	74.00	12787	95.00	86968	157.00	80
49.00	3199	75.00	41048	96.00	5507	173.00	483
50.00	16094	76.00	3419	97.00	263	174.00	56824
51.00	4794	77.00	591	104.00	192	175.00	3964
52.00	224	78.00	392	105.00	67	176.00	55344
55.00	20	79.00	1722	106.00	293	177.00	3389
56.00	1099	80.00	435	115.00	70	211.00	65
57.00	2301	81.00	1760	116.00	181		
58.00	51	82.00	380	117.00	372		
60.00	775	83.00	101	118.00	213		
61.00	3546	84.00	52	119.00	373		

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/16nov07.b/p14206.d

Date : 16-NOV-2007 14:35

Client ID:

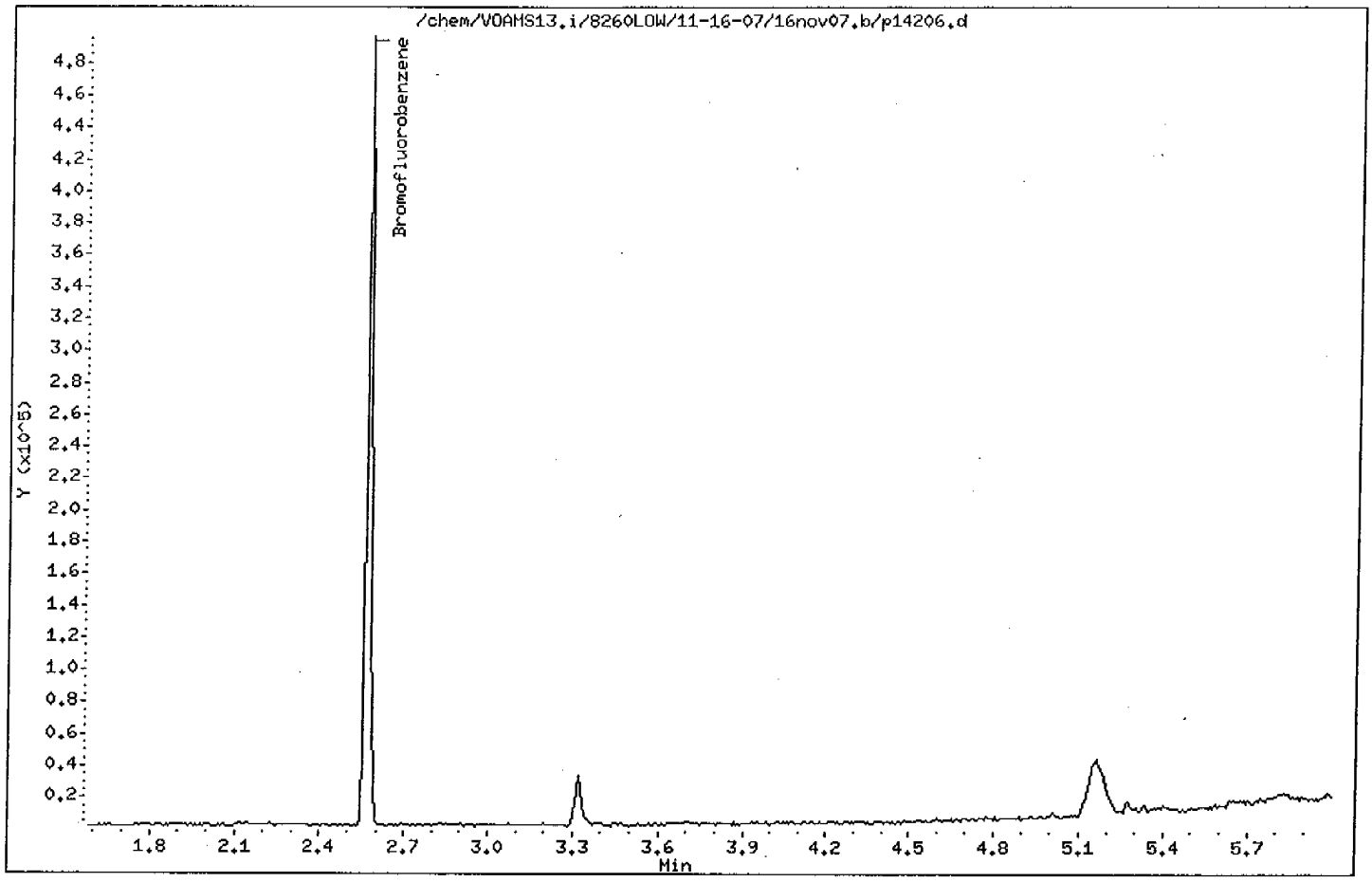
Instrument: VOAMS13.i

Sample Info: PBFB320

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: P14326

BFB Injection Date: 11/21/07

Instrument ID: VOAMS13

BFB Injection Time: 1545

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (1.0)1
174	50.0 - 100.0% of mass 95	60.4
175	5.0 - 9.0% of mass 174	4.3 (7.1)1
176	95.0 - 101.0% of mass 174	57.6 (95.4)1
177	5.0 - 9.0% of mass 176	3.7 (6.4)2

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

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

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	PSTD325A	PSTD325A	P14328	11/21/07	1637
02	PV325A	PV325A	P14332	11/21/07	1812
03	FILL-1MS	878527MS	P14336	11/21/07	2000
04	FILL-1MSD	878527MSD	P14337	11/21/07	2023
05	F-DUP-1	878526	P14346	11/21/07	2355
06	FILL-1	878527	P14347	11/22/07	0018
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14326.d

Date : 21-NOV-2007 15:45

Client ID:

Instrument: VOAMS13.i

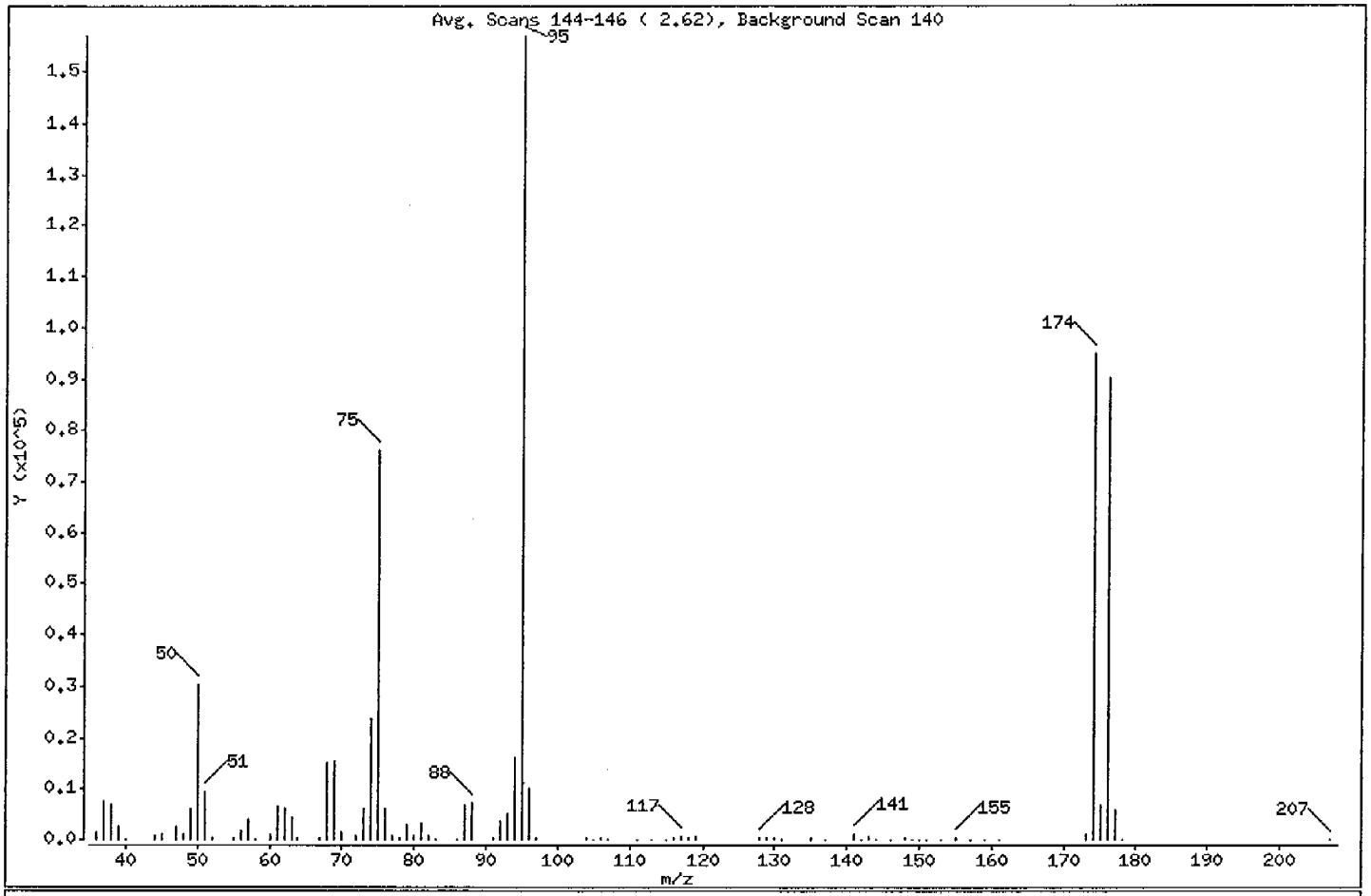
Sample Info: PBFB325a

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.38
75	30.00 - 60.00% of mass 95	48.55
96	5.00 - 9.00% of mass 95	6.39
173	Less than 2.00% of mass 174	0.63 (1.05)
174	50.00 - 100.00% of mass 95	60.36
175	5.00 - 9.00% of mass 174	4.27 (7.08)
176	95.00 - 101.00% of mass 174	57.58 (95.40)
177	5.00 - 9.00% of mass 176	3.71 (6.45)

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14326.d

Date : 21-NOV-2007 15:45

Client ID:

Instrument: VOAMS13.i

Sample Info: PBFB325a

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: p14326.d

Spectrum: Avg. Scans 144-146 (2.62), Background Scan 140

Location of Maximum: 95.00

Number of points: 86

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1327	67.00	330	94.00	16314	142.00	138
37.00	7632	68.00	15038	95.00	156928	143.00	855
38.00	6759	69.00	15678	96.00	10022	144.00	50
39.00	2691	70.00	1369	97.00	257	146.00	51
40.00	172	72.00	719	104.00	408	148.00	272
44.00	642	73.00	6133	105.00	175	149.00	121
45.00	1230	74.00	23632	106.00	335	150.00	69
47.00	2471	75.00	76184	107.00	171	151.00	51
48.00	902	76.00	6258	111.00	50	153.00	129
49.00	6105	77.00	875	113.00	74	155.00	321
50.00	30416	78.00	428	115.00	127	157.00	163
51.00	9265	79.00	2823	116.00	330	159.00	165
52.00	417	80.00	812	117.00	764	161.00	121
55.00	386	81.00	3096	118.00	407	173.00	991
56.00	1915	82.00	573	119.00	570	174.00	94720
57.00	4061	83.00	75	128.00	370	175.00	6706
58.00	132	86.00	64	129.00	268	176.00	90360
60.00	1194	87.00	6799	130.00	269	177.00	5828
61.00	6357	88.00	7222	131.00	52	178.00	117
62.00	6139	91.00	369	135.00	221	207.00	60
63.00	4462	92.00	3532	137.00	168		
64.00	496	93.00	5170	141.00	916		

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14326.d

Date : 21-NOV-2007 15:45

Client ID:

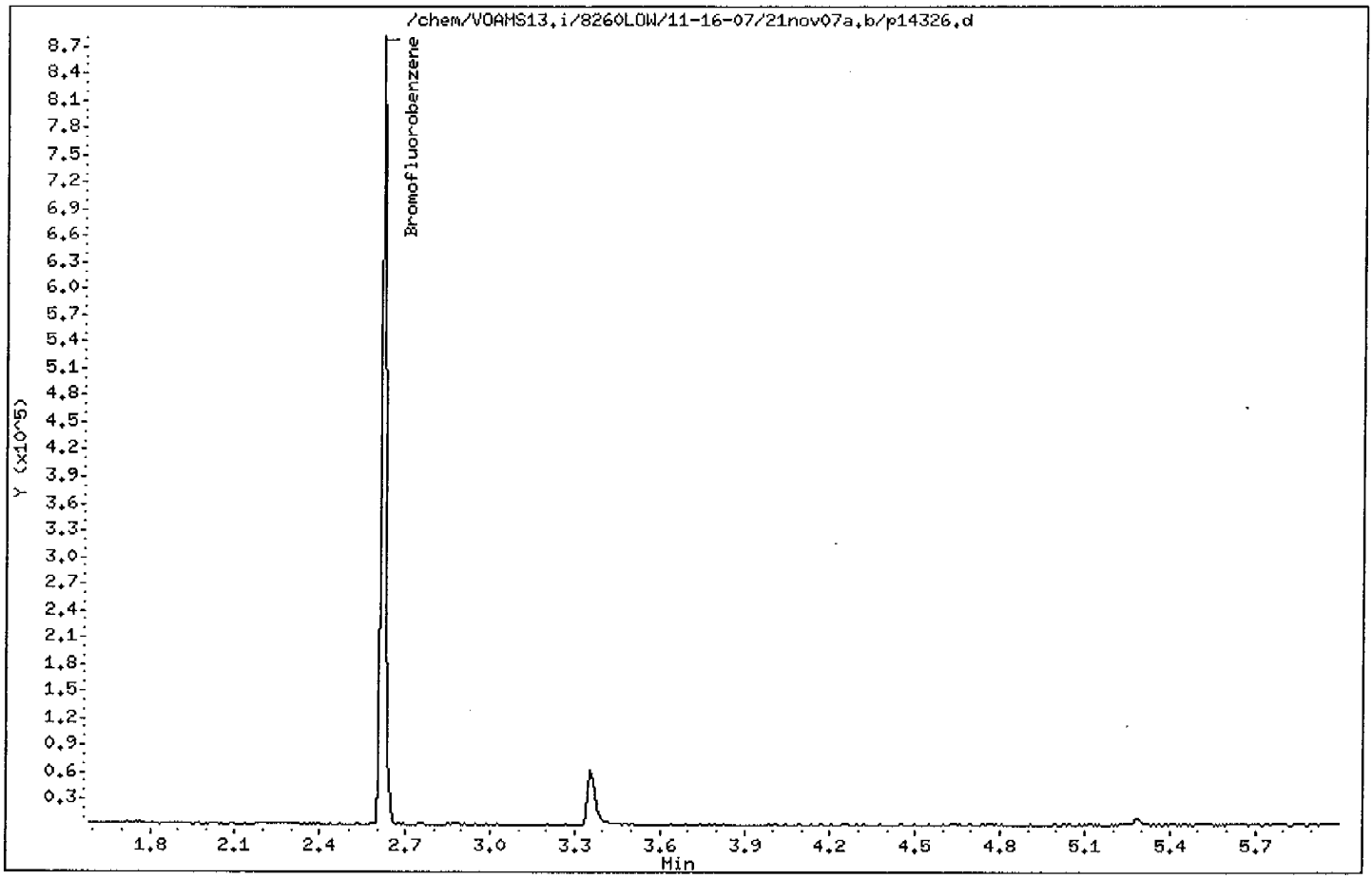
Instrument: VOAMS13.i

Sample Info: PBFB325a

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



Method Blank Results Summary

VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

PV325A

Matrix: SOIL

Level: LOW

Lab File ID: P14332

Instrument ID: VOAMS13

Date Analyzed: 11/21/07

Time Analyzed: 1812

Heated Purge (Y/N) Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	FILL-1MS	878527MS	P14336	2000
02	FILL-1MSD	878527MSD	P14337	2023
03	F-DUP-1	878526	P14346	2355
04	FILL-1	878527	P14347	0018
05				
06				
07				
08				
09				
10				
11				
12				
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14				
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17				
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23				
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27				
28				
29				
30				

COMMENTS:

page 1 of 1

Client ID: **PV325A**
Site:

Lab Sample No: **PV325A**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Analyzed: 11/21/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14332.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	0.7J	3.0
Acetone	5.1	5.0
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
2-Chloroethyl Vinyl Ether	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0

Client ID: **PV325A**
Site:

Lab Sample No: **PV325A**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Analyzed: 11/21/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14332.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Styrene	ND	5.0
Xylene (Total)	ND	5.0
Ethyl Ether	ND	5.0
Acrolein	ND	100
Freon TF	ND	5.0
Isopropanol	ND	1000
Acetonitrile	ND	100
TBA	ND	100
Acrylonitrile	ND	50
MTBE	ND	5.0
Hexane	ND	5.0
DIPE	ND	5.0
Ethyl Acetate	ND	10
Vinyl Acetate	ND	5.0
Tetrahydrofuran	ND	5.0
Cyclohexane	ND	5.0
Isobutanol	ND	500
Isopropyl Acetate	ND	10
n-Heptane	ND	5.0
n-Butanol	ND	500
Propyl Acetate	ND	10
Butyl Acetate	ND	10
1,2-Dibromoethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
Naphthalene	ND	5.0
Methylnaphthalene (total)	ND	5.0
Dimethylnaphthalene (total)	ND	5.0
Dichlorodifluoromethane	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
1,4-Dioxane	ND	1000

Client ID: **PV325A**
Site:

Lab Sample No: **PV325A**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Analyzed: 11/21/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14332.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Methyl Acrylate	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Isopropylbenzene	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0
p-Isopropyltoluene	ND	5.0
sec-Butylbenzene	ND	5.0
tert-Butylbenzene	ND	5.0
Allyl chloride	ND	5.0
Benzyl chloride	ND	5.0
Epichlorohydrin	ND	100
Isoprene	ND	5.0
Methyl methacrylate	ND	5.0
n-Pentane	ND	5.0
Allyl alcohol	ND	1000
Cyclohexene	ND	5.0
Ethyl methacrylate	ND	5.0
Methyl acetate	ND	5.0
Ethanol	ND	500
Methyl cyclohexane	ND	5.0
p-Ethyltoluene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,4-Diethylbenzene	ND	5.0

Client ID: **PV325A**
Site:

Lab Sample No: **PV325A**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Analyzed: 11/21/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14332.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
1,2,4,5-Tetramethylbenzene	ND	5.0
Isobutyl Acetate	ND	5.0
Chlorodifluoromethane	ND	5.0
Cyclohexanone	ND	100
2-Nitropropane	ND	10
2-Methylnaphthalene	ND	5.0
tert-Amylmethyl Ether	ND	5.0
2-Heptanone	ND	5.0
Iodomethane	ND	5.0
trans-1,4-Dichloro-2-butene	ND	5.0
2-Chloropropene	ND	5.0

Client ID: **PV325A**
Site:

Lab Sample No: **PV325A**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Analyzed: 11/21/07
GC Column: DB624
Instrument ID: VOAMS13.i
Lab File ID: p14332.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 0.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
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23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14332.d
Report Date: 26-Nov-2007 04:40

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14332.d
Lab Smp Id: PV325A Client Smp ID: PV325A
Inj Date : 21-NOV-2007 18:12
Operator : VOAMS 9 Inst ID: VOAMS13.i
Smp Info : PV325a
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/8260L_06.m
Meth Date : 23-Nov-2007 08:25 pritch Quant Type: ISTD
Cal Date : 16-NOV-2007 18:27 Cal File: p14216.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

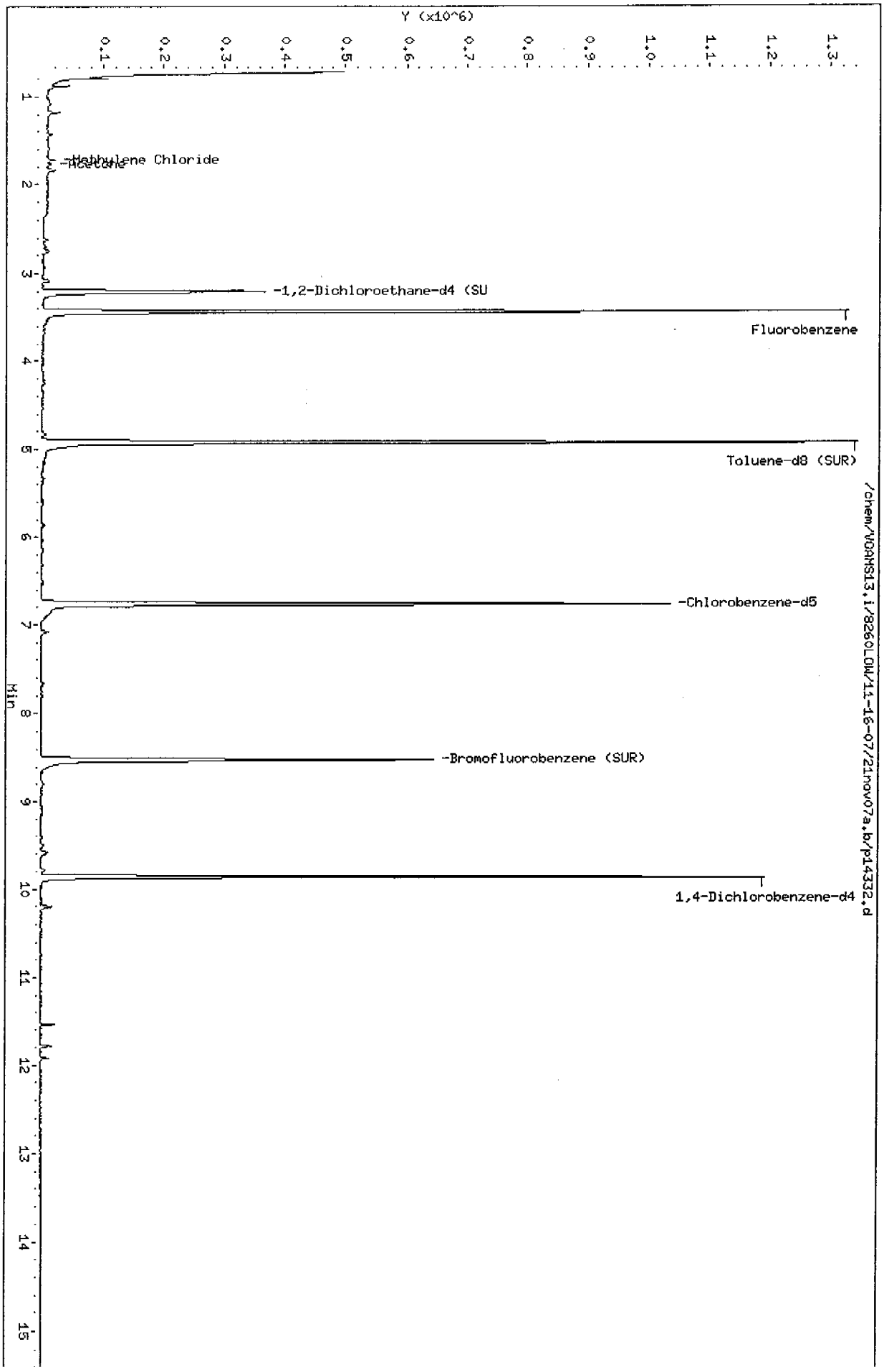
Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.764	1.756	(0.515)	7643	5.14684	5.1
	6 Methylene Chloride	84	1.721	1.721	(0.502)	4372	0.68354	0.68(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.204	3.203	(0.935)	239932	36.8695	37
*	69 Fluorobenzene	96	3.426	3.425	(1.000)	1090353	50.0000	
$	37 Toluene-d8 (SUR)	98	4.923	4.922	(0.728)	915005	38.5368	38
*	32 Chlorobenzene-d5	117	6.764	6.763	(1.000)	709027	50.0000	
$	41 Bromofluorobenzene (SUR)	174	8.519	8.518	(0.864)	203094	49.1783	49
*	91 1,4-Dichlorobenzene-d4	152	9.858	9.858	(1.000)	252865	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/VOAHS13.i/8260LOW/11-16-07/21nov07a.b/p14332.d
Date : 21-NOV-2007 18:12
Client ID: PV325A
Sample Info: PV325a
Column phase: DB624
Instrument: VOAHS13.i
Operator: VOAHS 9
Column diameter: 0.53
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
-Methylene Chloride
-1,2-Dichloroethane-d4 (SU
Fluorobenzene
Toluene-d8 (SUR)
-Chlorobenzene-d5
-Bromofluorobenzene (SUR)
1,4-Dichlorobenzene-d4
/chem/VOAHS13.i/8260LOW/11-16-07/21nov07a.b/p14332.d
Min
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Data File: /chem/VOAHS13.i/8260LOW/11-16-07/21nov07a.b/p14332.d

Date : 21-NOV-2007 18:12

Client ID: PV325A

Instrument: VOAHS13.i

Sample Info: PV325a

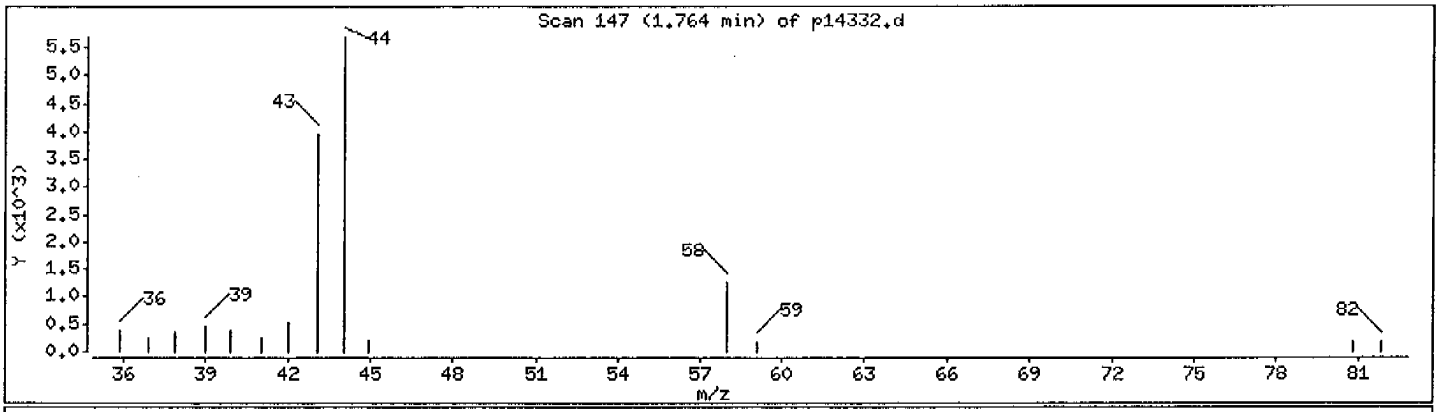
Operator: VOAHS 9

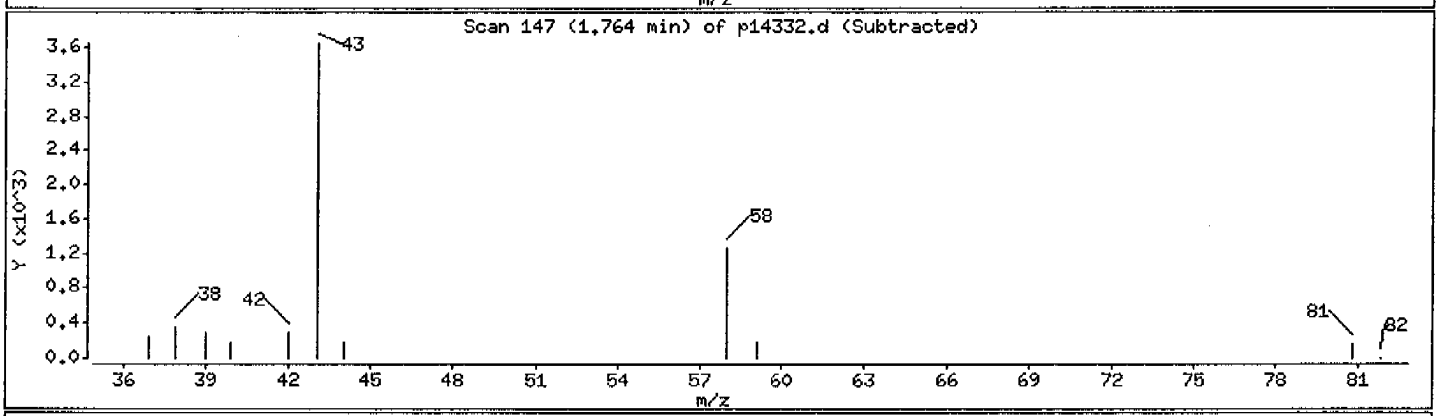
Column phase: DB624

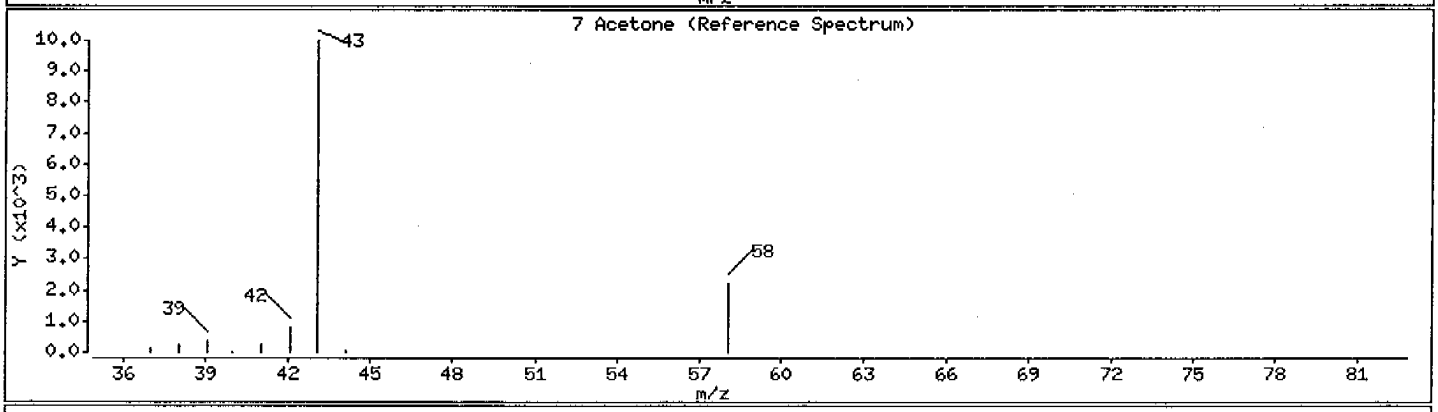
Column diameter: 0.53

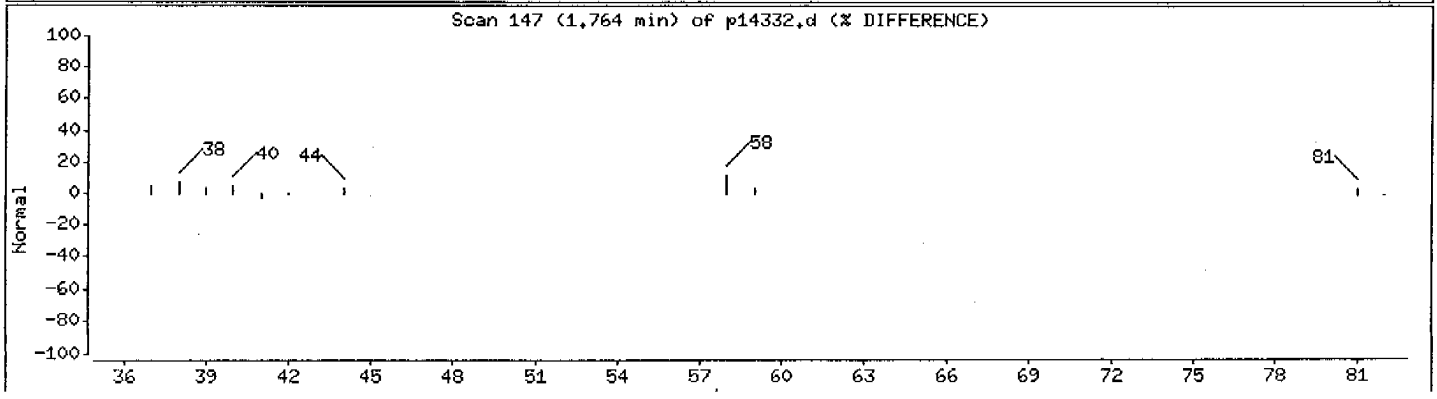
7 Acetone

Concentration: 5.1 ug/Kg









Data File: /chem/VOAMS13.i/8260LOW/11-16-07/21nov07a.b/p14332.d

Date : 21-NOV-2007 18:12

Client ID: PV325A

Instrument: VOAMS13.i

Sample Info: PV325a

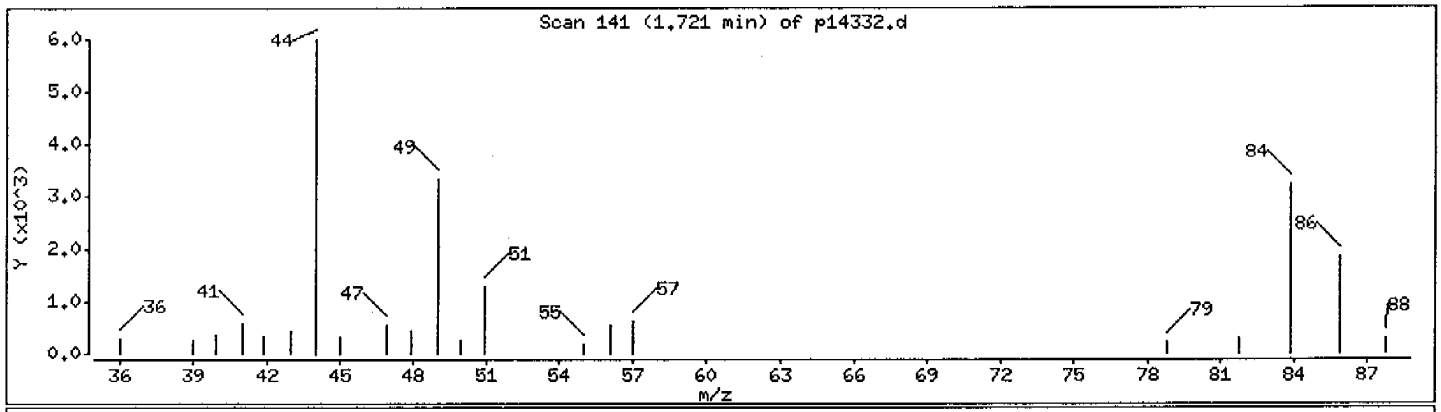
Operator: VOAMS 9

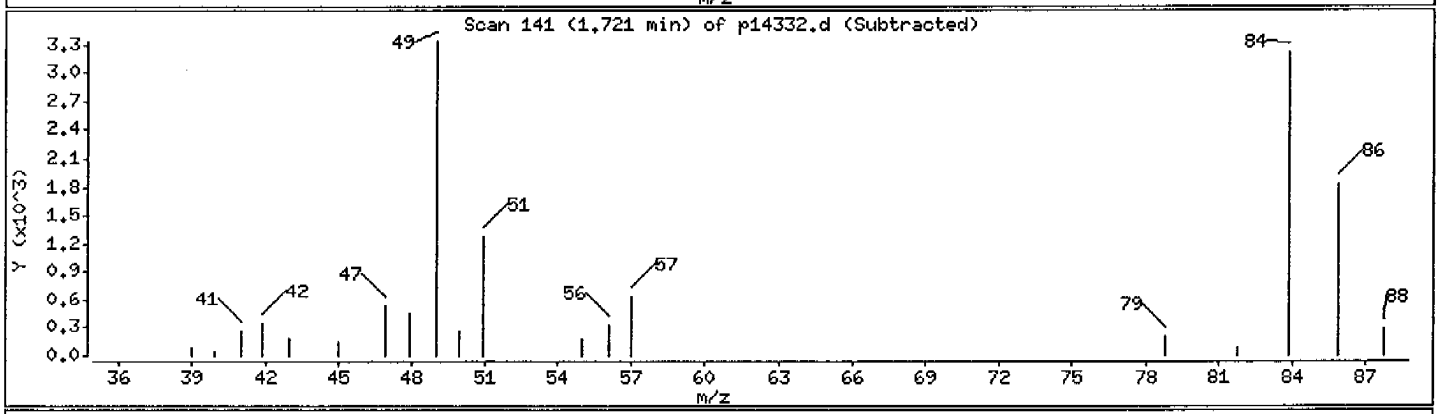
Column phase: DB624

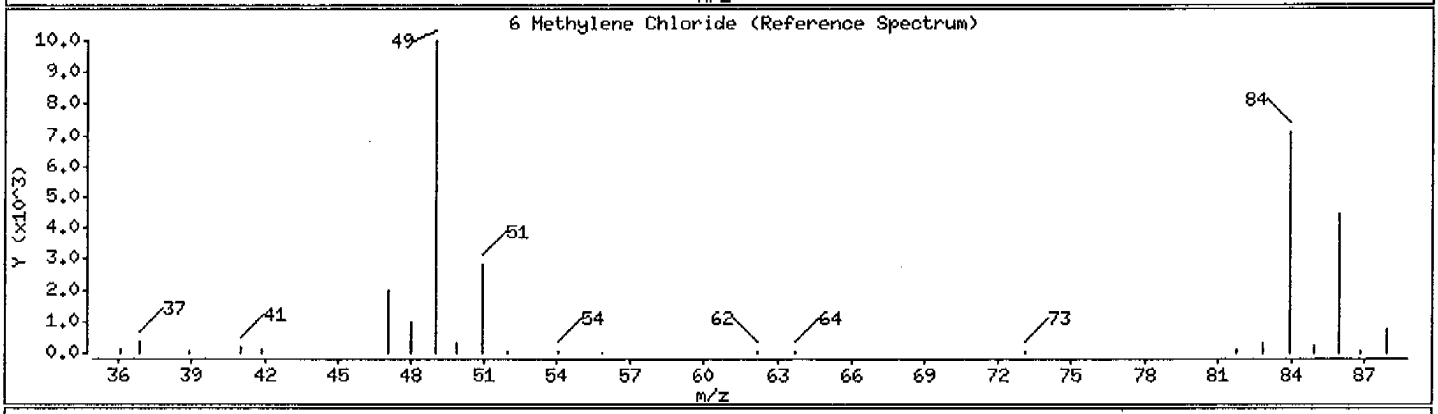
Column diameter: 0.53

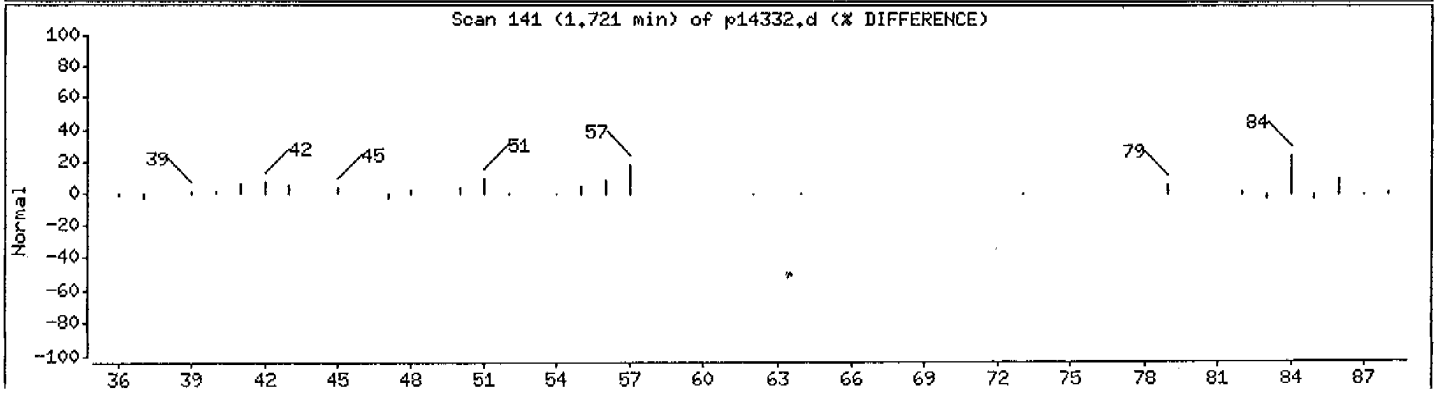
6 Methylene Chloride

Concentration: 0.68 ug/Kg









Calibration Summary

VOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 8260B

Instrument ID: VOAMS13 Calibration Date(s): 11/16/07 11/16/07

Heated Purge: (Y/N) Y Calibration Time(s): 1537 1827

LAB FILE ID: RRF5: P14216 RRF10: P14209 RRF20: P14210
RRF50: P14211 RRF100: P14212

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Chloromethane	0.555	0.491	0.479	0.454	0.516
Bromomethane	0.197	0.147	0.137	0.132	0.148
Vinyl Chloride	0.446	0.381	0.406	0.400	0.438
Chloroethane	0.090	0.075	0.081	0.073	0.078
Methylene Chloride	0.431	0.326	0.305	0.290	0.309
Acetone	0.152	0.117	0.090	0.076	0.070
Carbon Disulfide	0.891	0.983	0.857	0.872	0.920
Trichlorofluoromethane	0.467	0.368	0.388	0.370	0.418
1,1-Dichloroethene	0.402	0.280	0.316	0.310	0.335
1,1-Dichloroethane	0.580	0.577	0.558	0.524	0.562
trans-1,2-Dichloroethene	0.373	0.350	0.350	0.324	0.353
cis-1,2-Dichloroethene	0.348	0.345	0.334	0.311	0.330
Chloroform	0.556	0.554	0.553	0.499	0.551
1,2-Dichloroethane	0.324	0.344	0.335	0.315	0.330
2-Butanone	0.055	0.055	0.048	0.047	0.045
1,1,1-Trichloroethane	0.351	0.392	0.356	0.344	0.374
Carbon Tetrachloride	0.303	0.270	0.256	0.234	0.267
Bromodichloromethane	0.435	0.314	0.322	0.321	0.354
1,2-Dichloropropane	0.498	0.351	0.340	0.326	0.350
cis-1,3-Dichloropropene	0.390	0.402	0.413	0.405	0.438
Trichloroethene	0.492	0.329	0.314	0.310	0.347
Dibromochloromethane	0.229	0.252	0.268	0.271	0.308
1,1,2-Trichloroethane	0.293	0.286	0.280	0.276	0.294
Benzene	2.024	1.463	1.400	1.330	1.466
trans-1,3-Dichloropropene	0.472	0.481	0.490	0.493	0.547
2-Chloroethyl Vinyl Ether	0.058	0.074	0.068	0.067	0.064
Bromoform	0.115	0.134	0.134	0.146	0.172
4-Methyl-2-Pentanone	0.262	0.318	0.291	0.260	0.267
2-Hexanone	0.339	0.363	0.320	0.320	0.348
Tetrachloroethene	0.703	0.432	0.424	0.393	0.444
1,1,2,2-Tetrachloroethane	1.424	0.989	0.930	0.909	0.933
Toluene	2.260	2.406	2.247	2.042	2.241
Chlorobenzene	1.290	1.232	1.206	1.140	1.257
Ethylbenzene	0.621	0.751	0.721	0.687	0.747
Styrene	1.369	1.337	1.324	1.274	1.407
Xylene (Total)	0.923	0.904	0.876	0.823	0.910
Ethyl Ether	0.203	0.233	0.209	0.207	0.203
Acrolein	0.006	0.008	0.006	0.007	0.007
Freon TF	0.264	0.341	0.289	0.324	0.324

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS13 Calibration Date(s): 11/16/07 11/16/07

Heated Purge: (Y/N) Y Calibration Time(s): 1537 1827

LAB FILE ID: RRF5: P14216 RRF10: P14209 RRF20: P14210
RRF50: P14211 RRF100: P14212

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Isopropanol					
Acetonitrile	0.026	0.031	0.027	0.027	0.027
TBA	0.027	0.033	0.028	0.028	0.027
Acrylonitrile	0.065	0.085	0.077	0.081	0.070
MTBE	0.621	0.702	0.634	0.596	0.561
Hexane					
DIPE	0.830	0.955	0.892	0.884	0.900
Ethyl Acetate	0.032	0.036	0.027	0.028	0.029
Vinyl Acetate					
Tetrahydrofuran					
Cyclohexane	0.699	0.792	0.689	0.708	0.720
Isobutanol					
Isopropyl Acetate	0.456	0.543	0.484	0.484	0.490
n-Heptane					
n-Butanol					
Propyl Acetate	0.348	0.420	0.379	0.377	0.377
Butyl Acetate	0.601	0.742	0.649	0.653	0.674
1,2-Dibromoethane	0.290	0.298	0.290	0.284	0.303
1,3-Dichlorobenzene	2.047	2.004	1.938	1.784	1.987
1,4-Dichlorobenzene	2.020	1.944	1.919	1.746	1.927
1,2-Dichlorobenzene	1.840	1.825	1.757	1.608	1.748
Naphthalene	3.483	2.756	2.097	1.783	1.875
Methylnaphthalene (total)					
Dimethylnaphthalene (total)					
Dichlorodifluoromethane	0.266	0.242	0.243	0.241	0.291
1,1-Dichloropropene	0.464	0.465	0.464	0.441	0.491
1,2,4-Trichlorobenzene	1.263	1.018	0.965	0.856	1.016
Hexachlorobutadiene	0.695	0.682	0.633	0.582	0.636
1,4-Dioxane	0.003	0.004	0.003	0.003	0.003
Methyl Acrylate					
1,1,1,2-Tetrachloroethane	0.310	0.325	0.318	0.322	0.368
1,2,3-Trichlorobenzene	1.063	0.912	0.836	0.710	0.800
1,2,3-Trichloropropane	0.244	0.245	0.240	0.229	0.229
1,2,4-Trimethylbenzene	4.402	4.128	3.980	3.624	3.969
1,3,5-Trimethylbenzene	4.550	4.219	4.145	3.706	4.125
1,3-Dichloropropane	0.598	0.592	0.593	0.577	0.615
2,2-Dichloropropane	0.340	0.293	0.272	0.244	0.253
2-Chlorotoluene	3.924	3.677	3.534	3.262	3.468
4-Chlorotoluene	3.962	3.646	3.574	3.252	3.503

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS13 Calibration Date(s): 11/16/07 11/16/07

Heated Purge: (Y/N) Y Calibration Time(s): 1537 1827

LAB FILE ID: RRF5: P14216 RRF10: P14209 RRF20: P14210
RRF50: P14211 RRF100: P14212

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF100
Bromobenzene	0.993	0.930	0.913	0.839	0.913
Bromochloromethane	0.098	0.121	0.115	0.112	0.124
Dibromomethane	0.140	0.147	0.143	0.136	0.144
Isopropylbenzene	2.443	2.440	2.292	2.159	2.363
n-Butylbenzene	5.834	4.856	4.568	4.096	4.458
n-Propylbenzene	6.954	6.832	6.465	5.953	6.339
p-Isopropyltoluene	4.975	4.622	4.513	4.122	4.511
sec-Butylbenzene	5.994	5.748	5.482	5.027	5.352
tert-Butylbenzene	3.816	3.758	3.514	3.305	3.505
Allyl chloride					
Benzyl chloride	0.955	0.994	0.942	1.057	1.218
Epichlorohydrin	0.003	0.003	0.003	0.003	0.003
Isoprene	0.346	0.406	0.412	0.441	0.456
Methyl methacrylate	0.166	0.190	0.170	0.176	0.180
n-Pentane					
Allyl alcohol					
Cyclohexene					
Ethyl methacrylate					
Methyl acetate	0.584	0.638	0.582	0.607	0.528
Ethanol					
Methyl cyclohexane	0.642	0.736	0.656	0.662	0.717
p-Ethyltoluene					
1,2-Dibromo-3-chloropropane	0.123	0.153	0.142	0.146	0.149
1,4-Diethylbenzene					
1,2,4,5-Tetramethylbenzene					
Isobutyl Acetate	1.050	1.306	1.141	1.132	1.130
Chlorodifluoromethane					
Cyclohexanone					
2-Nitropropane					
2-Methylnaphthalene					
tert-Amylmethyl Ether					
2-Heptanone					
Iodomethane					
trans-1,4-Dichloro-2-butene					
2-Chloropropene					
1,2-Dichloroethane-d4 (SUR)	0.327	0.333	0.297	0.289	0.271
Toluene-d8 (SUR)	1.953	1.838	1.642	1.585	1.523
Bromofluorobenzene (SUR)	1.151	1.032	0.911	0.842	0.798

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS13 Calibration Date(s): 11/16/07 11/16/07

Heated Purge: (Y/N) Y Calibration Time(s): 1537 1827

RRF200: P14213

COMPOUND	RRF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Chloromethane	0.482	AVRG		0.49630023	7.1**
Bromomethane	0.135	LINR	0.00000000	7.26913441	0.997*
Vinyl Chloride	0.406	AVRG		0.41292648	6.0*
Chloroethane	0.072	AVRG		0.07808827	8.5*
Methylene Chloride	0.289	LINR	0.00000000	3.40940738	0.998*
Acetone	0.066	LINR	0.00000000	14.6849911	0.992*
Carbon Disulfide	0.864	AVRG		0.89773224	5.3*
Trichlorofluoromethane	0.388	AVRG		0.40004111	9.4*
1,1-Dichloroethene	0.311	AVRG		0.32576747	12.7*
1,1-Dichloroethane	0.533	AVRG		0.55584806	4.1**
trans-1,2-Dichloroethene	0.328	AVRG		0.34626838	5.2*
cis-1,2-Dichloroethene	0.315	AVRG		0.33057332	4.6*
Chloroform	0.520	AVRG		0.53878935	4.4*
1,2-Dichloroethane	0.311	AVRG		0.32643331	3.8*
2-Butanone	0.046	AVRG		0.04925782	9.3*
1,1,1-Trichloroethane	0.368	AVRG		0.36423568	4.8*
Carbon Tetrachloride	0.253	AVRG		0.26381977	8.7*
Bromodichloromethane	0.342	AVRG		0.34822950	13.0*
1,2-Dichloropropane	0.338	LINR	0.00000000	2.94268348	0.999*
cis-1,3-Dichloropropene	0.421	AVRG		0.41153001	4.0*
Trichloroethene	0.336	LINR	0.00000000	2.96506416	0.999*
Dibromochloromethane	0.289	AVRG		0.26975128	10.3*
1,1,2-Trichloroethane	0.272	AVRG		0.28343171	3.1*
Benzene	1.403	LINR	0.00000000	0.70817285	0.999*
trans-1,3-Dichloropropene	0.494	AVRG		0.49605173	5.3*
2-Chloroethyl Vinyl Ether	0.058	AVRG		0.06470541	9.5*
Bromoform	0.169	LINR	0.00000000	5.95100630	0.998**
4-Methyl-2-Pentanone	0.245	AVRG		0.27392570	9.5*
2-Hexanone	0.320	AVRG		0.33483978	5.4*
Tetrachloroethene	0.410	LINR	0.00000000	2.40337514	0.998*
1,1,2,2-Tetrachloroethane	0.918	LINR	0.00000000	1.08605851	1.000**
Toluene	1.995	AVRG		2.19859431	7.0*
Chlorobenzene	1.139	AVRG		1.21078992	5.1**
Ethylbenzene	0.682	AVRG		0.70157408	6.9*
Styrene	1.262	AVRG		1.32892989	4.2*
Xylene (Total)	0.812	AVRG		0.87457131	5.4*
Ethyl Ether	0.186	AVRG		0.20693976	7.4*
Acrolein	0.009	AVRG		0.00726044	13.4*
Freon TF	0.310	AVRG		0.30862752	9.1*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS13 Calibration Date(s): 11/16/07 11/16/07

Heated Purge: (Y/N) Y Calibration Time(s): 1537 1827

RRF200: P14213

COMPOUND	RRF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Isopropanol		AVRG			
Acetonitrile	0.026	AVRG		0.02712272	7.5*
TBA	0.026	AVRG		0.02825186	9.6*
Acrylonitrile	0.074	AVRG		0.07536202	9.5*
MTBE	0.510	AVRG		0.60422439	10.9*
Hexane		AVRG			
DIPE	0.826	AVRG		0.88143087	5.4*
Ethyl Acetate	0.029	AVRG		0.03017195	10.2*
Vinyl Acetate		AVRG			
Tetrahydrofuran		AVRG			
Cyclohexane	0.708	AVRG		0.71931343	5.1*
Isobutanol		AVRG			
Isopropyl Acetate	0.468	AVRG		0.48746660	6.2*
n-Heptane		AVRG			
n-Butanol		AVRG			
Propyl Acetate	0.365	AVRG		0.37771673	6.2*
Butyl Acetate	0.595	AVRG		0.65259424	8.2*
1,2-Dibromoethane	0.276	AVRG		0.29009683	3.4*
1,3-Dichlorobenzene	1.931	AVRG		1.94868239	4.7*
1,4-Dichlorobenzene	1.818	AVRG		1.89567344	5.2*
1,2-Dichlorobenzene	1.669	AVRG		1.74112052	5.1*
Naphthalene	1.748	LINR	0.00000000	0.56089539	0.996*
Methylnaphthalene (total)		AVRG			
Dimethylnaphthalene (total)		AVRG			
Dichlorodifluoromethane	0.272	AVRG		0.25932813	8.0*
1,1-Dichloropropene	0.467	AVRG		0.46536465	3.4*
1,2,4-Trichlorobenzene	1.016	LINR	0.00000000	0.99061323	0.998*
Hexachlorobutadiene	0.687	AVRG		0.65246760	6.7*
1,4-Dioxane	0.003	AVRG		0.00317761	7.8*
Methyl Acrylate		AVRG			
1,1,1,2-Tetrachloroethane	0.345	AVRG		0.33124398	6.5*
1,2,3-Trichlorobenzene	0.753	LINR	0.00000000	1.31242388	0.998*
1,2,3-Trichloropropane	0.226	AVRG		0.23558172	3.6*
1,2,4-Trimethylbenzene	3.767	AVRG		3.97826863	6.8*
1,3,5-Trimethylbenzene	3.907	AVRG		4.10874591	7.0*
1,3-Dichloropropane	0.559	AVRG		0.58913434	3.2*
2,2-Dichloropropane	0.239	AVRG		0.27334419	14.0*
2-Chlorotoluene	3.299	AVRG		3.52745883	7.0*
4-Chlorotoluene	3.294	AVRG		3.53867691	7.3*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8260B

Instrument ID: VOAMS13 Calibration Date(s): 11/16/07 11/16/07

Heated Purge: (Y/N) Y Calibration Time(s): 1537 1827

RRF200: P14213

COMPOUND	RRF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Bromobenzene	0.875	AVRG		0.91077638	5.7*
Bromochloromethane	0.118	AVRG		0.11488642	7.8*
Dibromomethane	0.139	AVRG		0.14162728	2.8*
Isopropylbenzene	2.121	AVRG		2.30326903	6.0*
n-Butylbenzene	4.221	AVRG		4.67219958	13.4*
n-Propylbenzene	6.000	AVRG		6.42385990	6.4*
p-Isopropyltoluene	4.439	AVRG		4.53031253	6.1*
sec-Butylbenzene	5.169	AVRG		5.46218842	6.6*
tert-Butylbenzene	3.417	AVRG		3.55254372	5.6*
Allyl chloride		AVRG			
Benzyl chloride	1.195	AVRG		1.06030137	11.4*
Epichlorohydrin	0.003	AVRG		0.00312964	7.1*
Isoprene	0.437	AVRG		0.41635521	9.4*
Methyl methacrylate	0.176	AVRG		0.17648428	4.9*
n-Pentane		AVRG			
Allyl alcohol		AVRG			
Cyclohexene		AVRG			
Ethyl methacrylate		AVRG			
Methyl acetate	0.493	AVRG		0.57200913	9.2*
Ethanol		AVRG			
Methyl cyclohexane	0.692	AVRG		0.68420637	5.4*
p-Ethyltoluene		AVRG			
1,2-Dibromo-3-chloropropane	0.149	AVRG		0.14387717	7.4*
1,4-Diethylbenzene		AVRG			
1,2,4,5-Tetramethylbenzene		AVRG			
Isobutyl Acetate	1.030	AVRG		1.13161192	8.6*
Chlorodifluoromethane		AVRG			
Cyclohexanone		AVRG			
2-Nitropropane		AVRG			
2-Methylnaphthalene		AVRG			
tert-Amylmethyl Ether		AVRG			
2-Heptanone		AVRG			
Iodomethane		AVRG			
trans-1,4-Dichloro-2-butene		AVRG			
2-Chloropropene		AVRG			
1,2-Dichloroethane-d4 (SUR)	0.273	AVRG		0.29841699	8.8*
Toluene-d8 (SUR)	1.504	AVRG		1.67438351	10.8*
Bromofluorobenzene (SUR)	0.817	LINR	0.00000000	1.22460250	0.999*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS13 Calibration Date: 11/21/07 Time: 1637

Lab File ID: P14328 Init. Calib. Date(s): 11/16/07 11/16/07

Init. Calib. Times: 1537 1827

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.4960000	0.4566576	0.4566576	0.1	7.93	50.00	AVRG
Bromomethane	52.894404	50.000000	0.1455315		-5.79	50.00	LINR
Vinyl Chloride	0.4130000	0.3778449	0.3778449		8.51	20.00	AVRG
Chloroethane	0.0780000	0.0712748	0.0712748		8.62	50.00	AVRG
Methylene Chloride	49.432545	50.000000	0.2899773		1.13	50.00	LINR
Acetone	51.832917	50.000000	0.0705931		-3.66	50.00	LINR
Carbon Disulfide	0.8980000	0.8215072	0.8215072		8.52	50.00	AVRG
Trichlorofluoromethane	0.4000000	0.4312787	0.4312787		-7.82	50.00	AVRG
1,1-Dichloroethene	0.3260000	0.3077656	0.3077656		5.59	20.00	AVRG
1,1-Dichloroethane	0.5560000	0.5253426	0.5253426	0.1	5.51	50.00	AVRG
trans-1,2-Dichloroethene	0.3460000	0.3268856	0.3268856		5.52	50.00	AVRG
cis-1,2-Dichloroethene	0.3300000	0.2858180	0.2858180		13.39	50.00	AVRG
Chloroform	0.5390000	0.4724144	0.4724144		12.35	20.00	AVRG
1,2-Dichloroethane	0.3260000	0.2895044	0.2895044		11.19	50.00	AVRG
2-Butanone	0.0490000	0.0418582	0.0418582		14.58	50.00	AVRG
1,1,1-Trichloroethane	0.3640000	0.3270181	0.3270181		10.16	50.00	AVRG
Carbon Tetrachloride	0.2640000	0.2307893	0.2307893		12.58	50.00	AVRG
Bromodichloromethane	0.3480000	0.2838936	0.2838936		18.42	50.00	AVRG
1,2-Dichloropropane	43.627885	50.000000	0.2965177		12.74	20.00	LINR
cis-1,3-Dichloropropene	0.4120000	0.3844234	0.3844234		6.69	50.00	AVRG
Trichloroethene	41.986127	50.000000	0.2832055		16.03	50.00	LINR
Dibromochloromethane	0.2700000	0.2327915	0.2327915		13.78	50.00	AVRG
1,1,2-Trichloroethane	0.2840000	0.2454299	0.2454299		13.58	50.00	AVRG
Benzene	43.274358	50.000000	1.2221411		13.45	50.00	LINR
trans-1,3-Dichloropropene	0.4960000	0.4613552	0.4613552		6.98	50.00	AVRG
2-Chloroethyl Vinyl Ether	0.0650000	0.0392039	0.0392039		39.69	50.00	AVRG
Bromoform	36.793209	50.000000	0.1236537	0.1	26.41	50.00	LINR
4-Methyl-2-Pentanone	0.2740000	0.2400066	0.2400066		12.41	50.00	AVRG
2-Hexanone	0.3350000	0.2966385	0.2966385		11.45	50.00	AVRG
Tetrachloroethene	41.556959	50.000000	0.3458217		16.89	50.00	LINR
1,1,2,2-Tetrachloroethane	46.305467	50.000000	0.8527251	0.3	7.39	50.00	LINR
Toluene	2.1980000	1.8339184	1.8339184		16.56	20.00	AVRG
Chlorobenzene	1.2110000	1.0215162	1.0215162	0.3	15.65	50.00	AVRG
Ethylbenzene	0.7020000	0.6111952	0.6111952		12.94	20.00	AVRG
Styrene	1.3290000	1.1398622	1.1398622		14.23	50.00	AVRG
Xylene (Total)	0.8750000	0.7372267	0.7372267		15.74	50.00	AVRG
Ethyl Ether	0.2070000	0.1976364	0.1976364		4.52	50.00	AVRG
Acrolein	0.0070000	0.0055811	0.0055811		20.27	99.00	AVRG
Freon TF	0.3090000	0.3005535	0.3005535		2.73	50.00	AVRG
Isopropanol	0.0000000				0.00	50.00	AVRG
Acetonitrile	0.0270000	0.0237170	0.0237170		12.16	50.00	AVRG
TBA	0.0280000	0.0246555	0.0246555		11.94	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS13 Calibration Date: 11/21/07 Time: 1637

Lab File ID: P14328 Init. Calib. Date(s): 11/16/07 11/16/07

Init. Calib. Times: 1537 1827

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acrylonitrile	0.0750000	0.0747088	0.0747088		0.39	50.00	AVRG
MTBE	0.6040000	0.5344764	0.5344764		11.51	50.00	AVRG
Hexane	0.0000000				0.00	50.00	AVRG
DIPE	0.8810000	0.7736451	0.7736451		12.18	50.00	AVRG
Ethyl Acetate	0.0300000	0.0240636	0.0240636		19.79	50.00	AVRG
Vinyl Acetate	0.0000000				0.00	50.00	AVRG
Tetrahydrofuran	0.0000000				0.00	50.00	AVRG
Cyclohexane	0.7190000	0.6088557	0.6088557		15.32	50.00	AVRG
Isobutanol	0.0000000				0.00	50.00	AVRG
Isopropyl Acetate	0.4880000	0.4203231	0.4203231		13.87	50.00	AVRG
n-Heptane	0.0000000				0.00	50.00	AVRG
n-Butanol	0.0000000				0.00	50.00	AVRG
Propyl Acetate	0.3780000	0.3297999	0.3297999		12.75	50.00	AVRG
Butyl Acetate	0.6520000	0.5357239	0.5357239		17.83	50.00	AVRG
1,2-Dibromoethane	0.2900000	0.2443832	0.2443832		15.73	50.00	AVRG
1,3-Dichlorobenzene	1.9480000	1.6470017	1.6470017		15.45	50.00	AVRG
1,4-Dichlorobenzene	1.8960000	1.6091329	1.6091329		15.13	50.00	AVRG
1,2-Dichlorobenzene	1.7410000	1.4354665	1.4354665		17.55	50.00	AVRG
Naphthalene	39.667762	50.000000	1.4144442		20.66	50.00	LINR
Methylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dimethylnaphthalene (total)	0.0000000				0.00	50.00	AVRG
Dichlorodifluoromethane	0.2590000	0.2821943	0.2821943		-8.96	50.00	AVRG
1,1-Dichloropropene	0.4650000	0.4102008	0.4102008		11.78	50.00	AVRG
1,2,4-Trichlorobenzene	36.071862	50.000000	0.7282734		27.86	50.00	LINR
Hexachlorobutadiene	0.6520000	0.4459853	0.4459853		31.60	50.00	AVRG
1,4-Dioxane	0.0030000	0.0026156	0.0026156		12.81	50.00	AVRG
Methyl Acrylate	0.0000000				0.00	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3310000	0.2800386	0.2800386		15.40	50.00	AVRG
1,2,3-Trichlorobenzene	37.383279	50.000000	0.5696830		25.23	50.00	LINR
1,2,3-Trichloropropane	0.2360000	0.2092245	0.2092245		11.34	50.00	AVRG
1,2,4-Trimethylbenzene	3.9780000	3.4144168	3.4144168		14.17	50.00	AVRG
1,3,5-Trimethylbenzene	4.1090000	3.5783825	3.5783825		12.91	50.00	AVRG
1,3-Dichloropropane	0.5890000	0.5164960	0.5164960		12.31	50.00	AVRG
2,2-Dichloropropane	0.2740000	0.2593026	0.2593026		5.36	50.00	AVRG
2-Chlorotoluene	3.5270000	3.1180751	3.1180751		11.59	50.00	AVRG
4-Chlorotoluene	3.5380000	3.1403886	3.1403886		11.24	50.00	AVRG
Bromobenzene	0.9100000	0.7863250	0.7863250		13.59	50.00	AVRG
Bromochloromethane	0.1150000	0.1017716	0.1017716		11.50	50.00	AVRG
Dibromomethane	0.1420000	0.1250554	0.1250554		11.93	50.00	AVRG
Isopropylbenzene	2.3030000	1.8959463	1.8959463		17.67	50.00	AVRG
n-Butylbenzene	4.6720000	3.7742373	3.7742373		19.22	50.00	AVRG
n-Propylbenzene	6.4240000	5.7059080	5.7059080		11.18	50.00	AVRG

FORM 7B
VOLATILE CONTINUING CALIBRATION CHECK

Instrument ID: VOAMS13 Calibration Date: 11/21/07 Time: 1637

Lab File ID: P14328 Init. Calib. Date(s): 11/16/07 11/16/07

Init. Calib. Times: 1537 1827

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
p-Isopropyltoluene	4.5300000	3.7394637	3.7394637		17.45	50.00	AVRG
sec-Butylbenzene	5.4620000	4.5567497	4.5567497		16.57	50.00	AVRG
tert-Butylbenzene	3.5520000	2.9601258	2.9601258		16.66	50.00	AVRG
Allyl chloride	0.0000000				0.00	50.00	AVRG
Benzyl chloride	1.0600000	1.2107691	1.2107691		-14.22	50.00	AVRG
Epichlorohydrin	0.0030000	0.0027132	0.0027132		9.56	50.00	AVRG
Isoprene	0.4160000	0.4430840	0.4430840		-6.51	50.00	AVRG
Methyl methacrylate	0.1760000	0.1502609	0.1502609		14.62	50.00	AVRG
n-Pentane	0.0000000				0.00	50.00	AVRG
Allyl alcohol	0.0000000				0.00	50.00	AVRG
Cyclohexene	0.0000000				0.00	50.00	AVRG
Ethyl methacrylate	0.0000000				0.00	50.00	AVRG
Methyl acetate	0.5720000	0.5371570	0.5371570		6.09	50.00	AVRG
Ethanol	0.0000000				0.00	50.00	AVRG
Methyl cyclohexane	0.6840000	0.5741542	0.5741542		16.06	50.00	AVRG
p-Ethyltoluene	0.0000000				0.00	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.1440000	0.1128310	0.1128310		21.64	50.00	AVRG
1,4-Diethylbenzene	0.0000000				0.00	50.00	AVRG
1,2,4,5-Tetramethylbenzene	0.0000000				0.00	50.00	AVRG
Isobutyl Acetate	1.1320000	0.9563017	0.9563017		15.52	50.00	AVRG
Chlorodifluoromethane	0.0000000				0.00	50.00	AVRG
Cyclohexanone	0.0000000				0.00	50.00	AVRG
2-Nitropropane	0.0000000				0.00	50.00	AVRG
2-Methylnaphthalene	0.0000000				0.00	50.00	AVRG
tert-Amylmethyl Ether	0.0000000			0.01	0.00	50.00	AVRG
2-Heptanone	0.0000000			0.01	0.00	50.00	AVRG
Iodomethane	0.0000000			0.01	0.00	50.00	AVRG
trans-1,4-Dichloro-2-butene	0.0000000			0.01	0.00	50.00	AVRG
2-Chloropropene	0.0000000			0.01	0.00	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.2980000	0.2406311	0.2406311		19.25	50.00	AVRG
Toluene-d8 (SUR)	1.6740000	1.2488189	1.2488189		25.40	50.00	AVRG
Bromofluorobenzene (SUR)	44.143331	50.000000	0.7209414		11.71	50.00	LINR

Surrogate Compound Recovery Summary

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY
METHOD 8260B

Matrix: SOIL Level: LOW Lab Job No: N763

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	PV325A	74	77	98		0
02	878527MS	76	75	90		0
03	878527MSD	76	77	93		0
04	878526	79	78	100		0
05	878527	78	77	97		0
06						
07						
08						
09						
10						
11						
12						
13						
14						
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16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
S1	= 1,2-Dichloroethane-d4	(65-148)
S2	= Toluene-d8	(60-157)
S3	= Bromofluorobenzene	(59-153)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Spike Recovery Summary

VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8260B

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 878527

MS Sample from Lab Job No: N763

QA Batch: 2456

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Vinyl Chloride	52	0.00	51	98	50-153
1,1-Dichloroethene	52	0.00	52	100	63-137
Methylene Chloride	52	4.4	56	99	70-146
MTBE	52	0.00	49	94	70-130
1,1-Dichloroethane	52	0.00	52	100	71-143
Bromochloromethane	52	0.00	45	87	70-130
Chloroform	52	0.00	48	92	77-138
Benzene	52	0.00	46	88	67-143
Trichloroethene	52	0.00	47	90	62-140
1,2-Dichloropropane	52	0.00	47	90	64-157
Toluene	52	3.2	45	80	70-132
Tetrachloroethene	52	0.00	40	77	61-138
Chlorobenzene	52	0.00	37	71	71-132
Ethylbenzene	52	0.00	41	79	70-143
Isopropylbenzene	52	0.00	41	79	70-130
1,3-Dichlorobenzene	52	0.00	30	58	56-126

Compound	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	51	45	88	11	40	50-153
1,1-Dichloroethene	51	39	76	27	40	63-137
Methylene Chloride	51	49	87	13	40	70-146
MTBE	51	46	90	4	40	70-130
1,1-Dichloroethane	51	46	90	10	40	71-143
Bromochloromethane	51	39	76	12	40	70-130
Chloroform	51	41	80	14	40	77-138
Benzene	51	40	78	12	40	67-143
Trichloroethene	51	42	82	9	40	62-140
1,2-Dichloropropane	51	41	80	12	40	64-157
Toluene	51	41	74	8	40	70-132
Tetrachloroethene	51	37	73	6	40	61-138
Chlorobenzene	51	33	65*	9	40	71-132
Ethylbenzene	51	38	75	6	40	70-143
Isopropylbenzene	51	37	73	8	40	70-130
1,3-Dichlorobenzene	51	28	55*	5	40	56-126

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 16 outside limits
Spike Recovery: 2 out of 32 outside limits

COMMENTS: Low recoveries due to matrix.BS meets QC limits.

Internal Standard Area and RT Summary

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): P14328 Date Analyzed: 11/21/07

Instrument ID: VOAMS13 Time Analyzed: 1637

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	1101624	3.43	750968	6.76	327605	9.86
	UPPER LIMIT	2203248	3.93	1501936	7.26	655210	10.36
	LOWER LIMIT	550812	2.93	375484	6.26	163802	9.36
	LABORATORY SAMPLE NO.						
01	PV325A	1090353	3.43	709027	6.76	252865	9.86
02	878527MS	1075595	3.43	726298	6.76	302767	9.86
03	878527MSD	1082121	3.43	716533	6.76	286993	9.86
04	878526	1168943	3.43	756130	6.76	268211	9.86
05	878527	1158589	3.43	746081	6.76	268606	9.86
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

GC/MS Forms and Data (Semivolatiles)

Results Summary and Chromatograms

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31451.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	360
2-Chlorophenol	ND	360
2-Methylphenol	ND	360
4-Methylphenol	ND	360
2-Nitrophenol	ND	360
2,4-Dimethylphenol	ND	360
2,4-Dichlorophenol	ND	360
4-Chloro-3-methylphenol	ND	360
2,4,6-Trichlorophenol	ND	360
2,4,5-Trichlorophenol	ND	360
2,4-Dinitrophenol	ND	1100
4-Nitrophenol	ND	1100
4,6-Dinitro-2-methylphenol	ND	1100
Pentachlorophenol	ND	1100

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31451.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	36
1,3-Dichlorobenzene	ND	360
1,4-Dichlorobenzene	ND	360
1,2-Dichlorobenzene	ND	360
bis(2-chloroisopropyl)ether	ND	360
N-Nitroso-di-n-propylamine	ND	36
Hexachloroethane	ND	36
Nitrobenzene	ND	36
Isophorone	ND	360
bis(2-Chloroethoxy)methane	ND	360
1,2,4-Trichlorobenzene	ND	36
Naphthalene	ND	360
4-Chloroaniline	ND	360
Hexachlorobutadiene	ND	72
2-Methylnaphthalene	ND	360
Hexachlorocyclopentadiene	ND	360
2-Chloronaphthalene	ND	360
2-Nitroaniline	ND	720
Dimethylphthalate	ND	360
Acenaphthylene	ND	360
2,6-Dinitrotoluene	ND	72
3-Nitroaniline	ND	720
Acenaphthene	ND	360
Dibenzofuran	ND	360
2,4-Dinitrotoluene	ND	72
Diethylphthalate	ND	360
4-Chlorophenyl-phenylether	ND	360
Fluorene	ND	360
4-Nitroaniline	ND	720
N-Nitrosodiphenylamine	ND	360
4-Bromophenyl-phenylether	ND	360
Hexachlorobenzene	ND	36
Phenanthrene	ND	360
Anthracene	ND	360

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample No: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31451.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	360
Di-n-butylphthalate	ND	360
Fluoranthene	ND	360
Pyrene	ND	360
Butylbenzylphthalate	ND	360
3,3'-Dichlorobenzidine	ND	720
Benzo(a)anthracene	ND	36
Chrysene	ND	360
bis(2-Ethylhexyl)phthalate	ND	360
Di-n-octylphthalate	ND	360
Benzo(b)fluoranthene	ND	36
Benzo(k)fluoranthene	ND	36
Benzo(a)pyrene	ND	36
Indeno(1,2,3-cd)pyrene	ND	36
Dibenz(a,h)anthracene	ND	36
Benzo(g,h,i)perylene	ND	360

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31451.d
Report Date: 21-Nov-2007 13:36

STL Edison

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

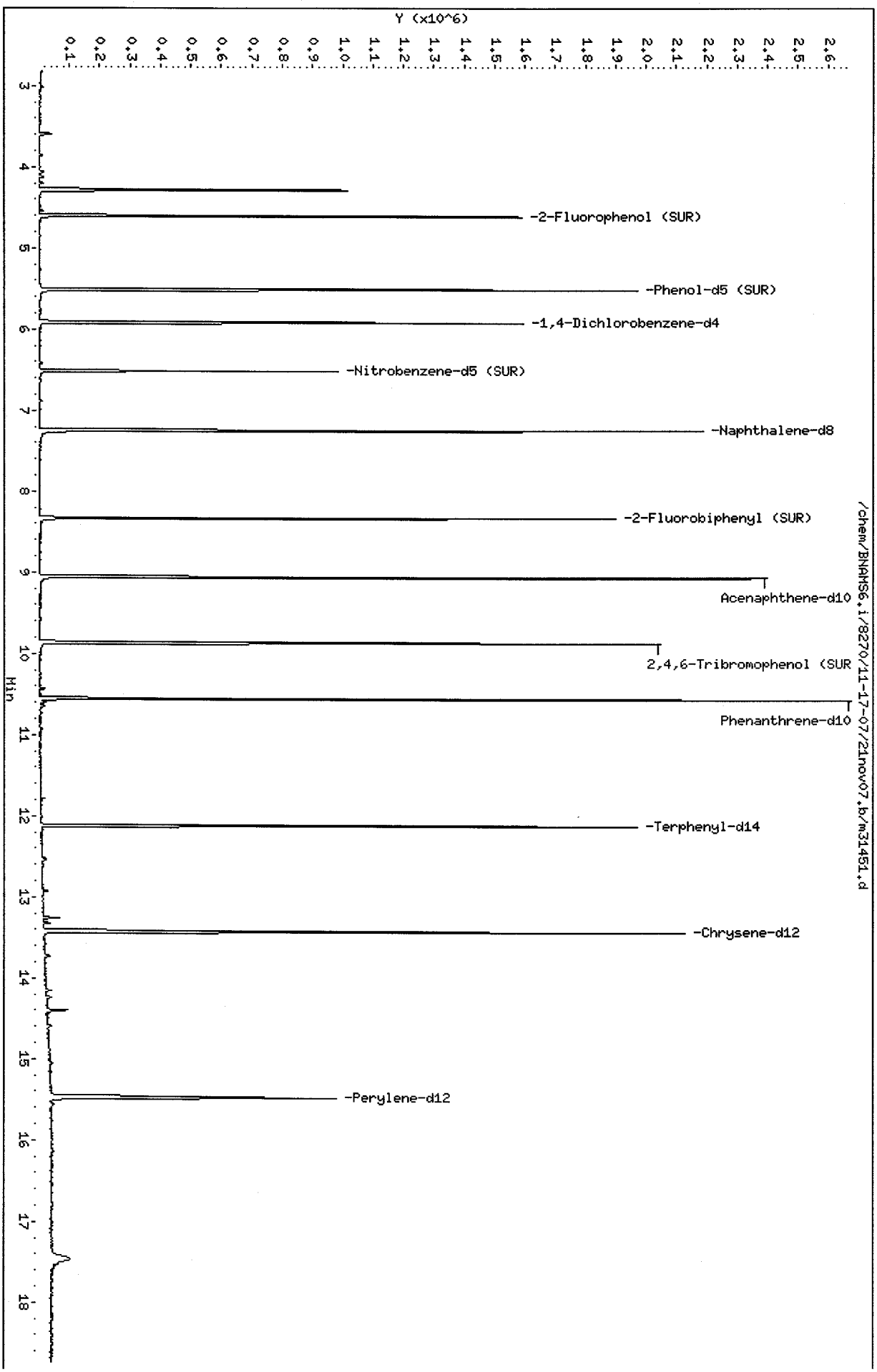
Data file : /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31451.d
Lab Smp Id: 878526 Client Smp ID: F-Dup-1
Inj Date : 21-NOV-2007 11:17
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 878526;4007894
Misc Info : N763;SB324;QA6424
Comment :
Method : /chem/BNAMS6.i/8270/11-17-07/21nov07.b/8270C_06.m
Meth Date : 21-Nov-2007 13:13 croccom Quant Type: ISTD
Cal Date : 17-NOV-2007 17:48 Cal File: m31361.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	6.90000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.607	4.599	(0.779)	508182	65.8155	4700
$ 17 Phenol-d5 (SUR)	99	5.509	5.511	(0.932)	654745	67.8821	4900
* 79 1,4-Dichlorobenzene-d4	152	5.914	5.917	(1.000)	275708	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.513	6.516	(0.899)	287248	32.0971	2300
* 80 Naphthalene-d8	136	7.247	7.246	(1.000)	1030818	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.334	8.332	(0.920)	553247	28.7053	2000
* 82 Acenaphthene-d10	164	9.058	9.062	(1.000)	684279	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	9.862	9.863	(1.089)	215282	85.3446	6100
* 83 Phenanthrene-d10	188	10.555	10.553	(1.000)	958047	40.0000	
$ 78 Terphenyl-d14	244	12.120	12.120	(0.903)	550969	24.6377	1800
* 81 Chrysene-d12	240	13.427	13.427	(1.000)	1051178	40.0000	
* 84 Perylene-d12	264	15.479	15.482	(1.000)	531553	40.0000	


Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31451.d
Date : 21-NOV-2007 11:17
Client ID: F-Dup-1
Sample Info: 878526;4007894
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
Acenaphthene-d10
2,4,6-Tribromophenol (SUR
Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12
/chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31451.d

Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31448.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	360
2-Chlorophenol	ND	360
2-Methylphenol	ND	360
4-Methylphenol	ND	360
2-Nitrophenol	ND	360
2,4-Dimethylphenol	ND	360
2,4-Dichlorophenol	ND	360
4-Chloro-3-methylphenol	ND	360
2,4,6-Trichlorophenol	ND	360
2,4,5-Trichlorophenol	ND	360
2,4-Dinitrophenol	ND	1100
4-Nitrophenol	ND	1100
4,6-Dinitro-2-methylphenol	ND	1100
Pentachlorophenol	ND	1100

Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31448.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	36
1,3-Dichlorobenzene	ND	360
1,4-Dichlorobenzene	ND	360
1,2-Dichlorobenzene	ND	360
bis(2-chloroisopropyl)ether	ND	360
N-Nitroso-di-n-propylamine	ND	36
Hexachloroethane	ND	36
Nitrobenzene	ND	36
Isophorone	ND	360
bis(2-Chloroethoxy)methane	ND	360
1,2,4-Trichlorobenzene	ND	36
Naphthalene	ND	360
4-Chloroaniline	ND	360
Hexachlorobutadiene	ND	72
2-Methylnaphthalene	ND	360
Hexachlorocyclopentadiene	ND	360
2-Chloronaphthalene	ND	360
2-Nitroaniline	ND	720
Dimethylphthalate	ND	360
Acenaphthylene	ND	360
2,6-Dinitrotoluene	ND	72
3-Nitroaniline	ND	720
Acenaphthene	ND	360
Dibenzofuran	ND	360
2,4-Dinitrotoluene	ND	72
Diethylphthalate	ND	360
4-Chlorophenyl-phenylether	ND	360
Fluorene	ND	360
4-Nitroaniline	ND	720
N-Nitrosodiphenylamine	ND	360
4-Bromophenyl-phenylether	ND	360
Hexachlorobenzene	ND	36
Phenanthrene	ND	360
Anthracene	ND	360

Client ID: **Fill-1**
Site: National Grid

Lab Sample No: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31448.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 7

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	360
Di-n-butylphthalate	ND	360
Fluoranthene	ND	360
Pyrene	ND	360
Butylbenzylphthalate	ND	360
3,3'-Dichlorobenzidine	ND	720
Benzo(a)anthracene	ND	36
Chrysene	ND	360
bis(2-Ethylhexyl)phthalate	ND	360
Di-n-octylphthalate	ND	360
Benzo(b)fluoranthene	ND	36
Benzo(k)fluoranthene	ND	36
Benzo(a)pyrene	ND	36
Indeno(1,2,3-cd)pyrene	ND	36
Dibenz(a,h)anthracene	ND	36
Benzo(g,h,i)perylene	ND	360

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31448.d
Report Date: 21-Nov-2007 13:36

STL Edison

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31448.d
Lab Smp Id: 878527 Client Smp ID: Fill-1
Inj Date : 21-NOV-2007 10:08
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 878527;4007923
Misc Info : N763;SB324;QA6424
Comment :
Method : /chem/BNAMS6.i/8270/11-17-07/21nov07.b/8270C_06.m
Meth Date : 21-Nov-2007 13:13 croccom Quant Type: ISTD
Cal Date : 17-NOV-2007 17:48 Cal File: m31361.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

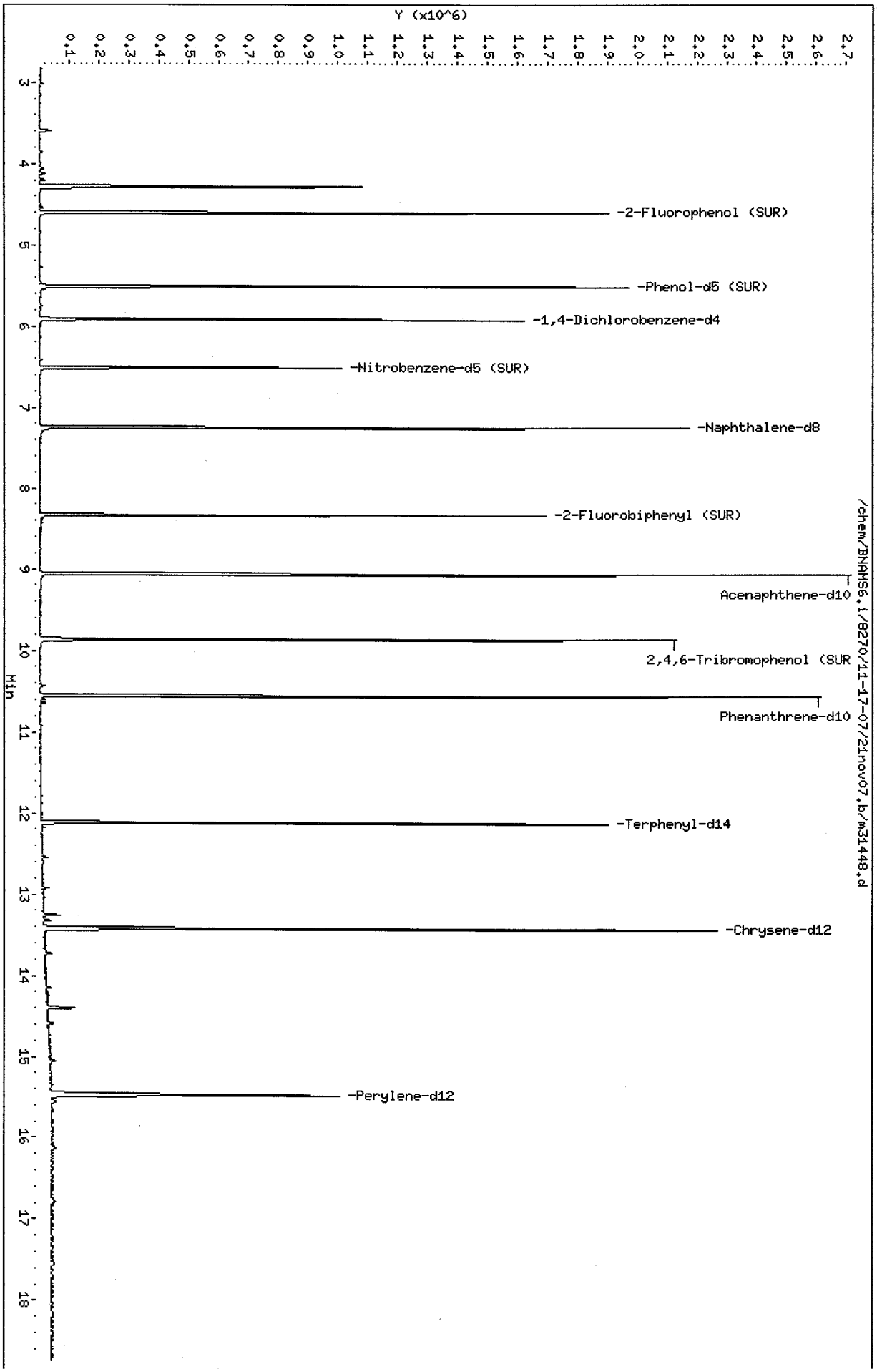
11/21/07

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	7.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.601	4.599	(0.778)	522026	67.6556	4800
$ 17 Phenol-d5 (SUR)	99	5.511	5.511	(0.932)	659647	68.4380	4900
* 79 1,4-Dichlorobenzene-d4	152	5.912	5.917	(1.000)	275516	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.512	6.516	(0.899)	302723	34.0920	2400
* 80 Naphthalene-d8	136	7.245	7.246	(1.000)	1022782	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.336	8.332	(0.920)	594539	32.3495	2300
* 82 Acenaphthene-d10	164	9.060	9.062	(1.000)	652512	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	9.861	9.863	(1.088)	232671	96.7287	6900
* 83 Phenanthrene-d10	188	10.552	10.553	(1.000)	962212	40.0000	
$ 78 Terphenyl-d14	244	12.120	12.120	(0.903)	548636	24.9900	1800
* 81 Chrysene-d12	240	13.423	13.427	(1.000)	1031968	40.0000	
* 84 Perylene-d12	264	15.475	15.482	(1.000)	531675	40.0000	


Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31448.d
Date : 21-NOV-2007 10:08
Client ID: Fill-1
Sample Info: 878527;4007923
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
Acenaphthene-d10
2,4,6-Tribromophenol (SUR
Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12
Min
/chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31448.d

Tuning Results Summary

SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: M31355

DFTPP Injection Date: 11/17/07

Instrument ID: BNAMS6

DFTPP Injection Time: 1503

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	47.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	60.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	50.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	18.4
365	Greater than 1.0% of mass 198	2.77
441	0.0 - 100.0% of mass 443	12.5 (87.3)2
442	40.0 - 110.0% of mass 198	72.8
443	17.0 - 23.0% of mass 442	14.4 (19.8)3

1-Value is % mass 69
2-Value is % mass 443
3-Value is % mass 442

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

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MSTD050	MSTD050	M31356	11/17/07	1553
02	MSTD120	MSTD120	M31357	11/17/07	1616
03	MSTD005	MSTD005	M31358	11/17/07	1639
04	MSTD080	MSTD080	M31359	11/17/07	1702
05	MSTD020	MSTD020	M31360	11/17/07	1725
06	MSTD010	MSTD010	M31361	11/17/07	1748
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS6.i/8270/11-17-07/17nov07.b/m31355.d

Date : 17-NOV-2007 15:03

Client ID:

Instrument: BNAMS6.i

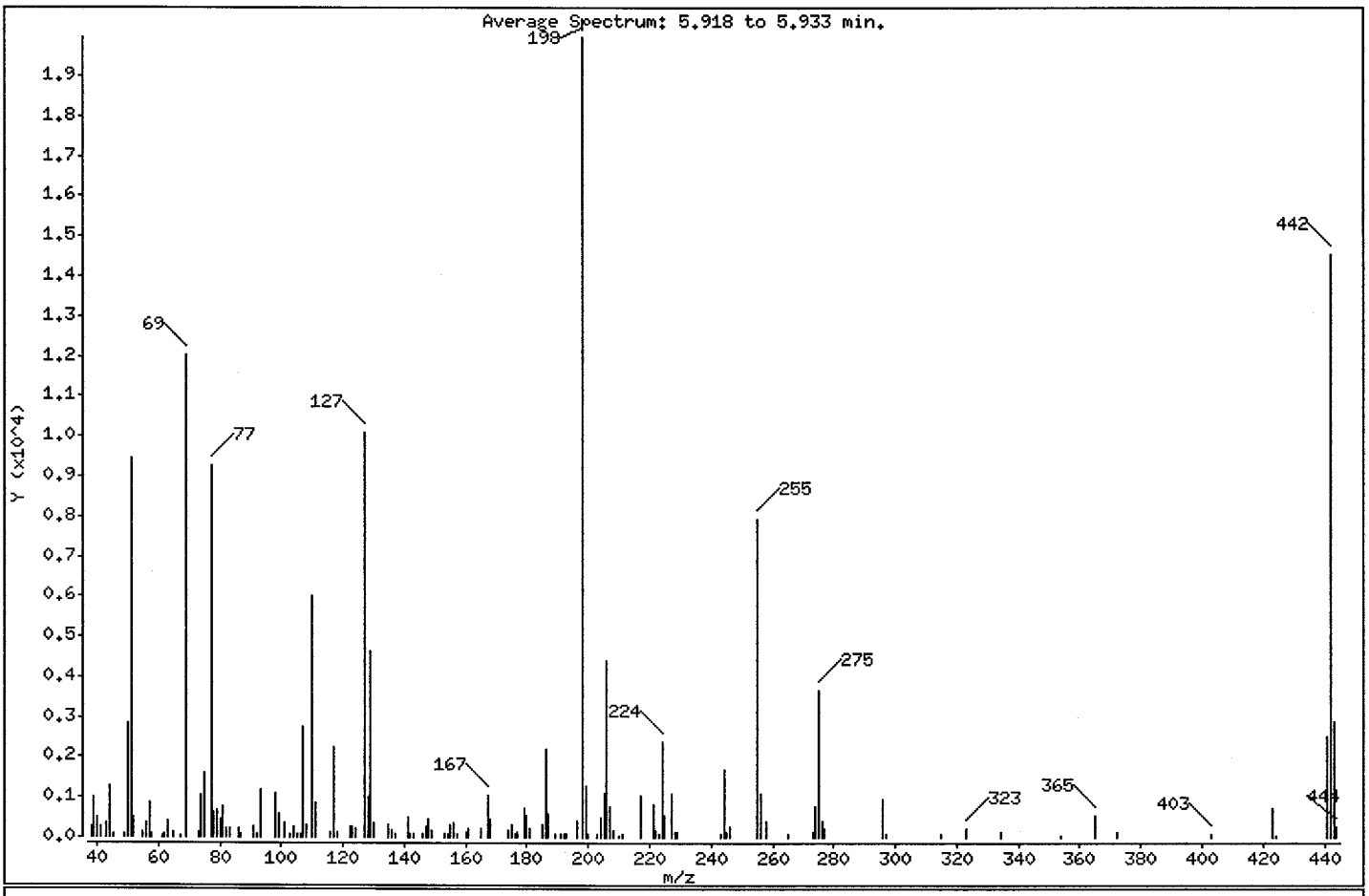
Sample Info: MDFTPP321

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	47.40
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	60.16
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.48
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.41
275	10.00 - 30.00% of mass 198	18.43
365	Greater than 1.00% of mass 198	2.77
441	0.01 - 100.00% of mass 443	12.54 (87.28)
442	40.00 - 110.00% of mass 198	72.76
443	17.00 - 23.00% of mass 442	14.37 (19.75)

(M) 11/21/07

Data File: /chem/BNAMS6.i/8270/11-17-07/17nov07.b/m31355.d

Date : 17-NOV-2007 15:03

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP321

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m31355.d
Spectrum: Average Spectrum: 5.918 to 5.933 min.
Location of Maximum: 198.00
Number of points: 140

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	292	98.00	1110	160.00	152	225.00	558
39.00	1030	99.00	619	161.00	238	227.00	1112
40.00	498	101.00	363	165.00	207	228.00	142
41.00	273	103.00	103	167.00	1036	229.00	125
43.00	378	104.00	283	168.00	479	243.00	73
44.00	1281	105.00	106	174.00	194	244.00	1702
45.00	69	106.00	79	175.00	312	245.00	115
49.00	105	107.00	2751	176.00	76	246.00	284
50.00	2861	108.00	335	177.00	149	255.00	7945
51.00	9466	110.00	6006	179.00	756	256.00	1080
52.00	518	111.00	851	180.00	528	258.00	435
55.00	145	116.00	132	181.00	221	265.00	112
56.00	378	117.00	2268	185.00	335	273.00	159
57.00	868	118.00	148	186.00	2206	274.00	801
58.00	70	122.00	291	187.00	583	275.00	3681
61.00	66	123.00	282	189.00	77	276.00	435
62.00	75	124.00	208	191.00	101	277.00	244
63.00	425	127.00	10082	192.00	92	296.00	946
65.00	144	128.00	1032	193.00	99	297.00	80
67.00	67	129.00	4647	196.00	432	315.00	70
69.00	12015	130.00	346	198.00	19968	323.00	251
73.00	144	135.00	343	199.00	1280	334.00	117
74.00	1047	136.00	172	200.00	92	354.00	67
75.00	1617	137.00	112	203.00	109	365.00	554
77.00	9294	141.00	519	204.00	508	372.00	133
78.00	656	142.00	90	205.00	1085	403.00	110
79.00	690	143.00	72	206.00	4388	423.00	757
80.00	457	146.00	71	207.00	800	424.00	68
81.00	777	147.00	282	208.00	205	441.00	2505
82.00	211	148.00	469	210.00	66	442.00	14531
83.00	226	149.00	162	211.00	77	443.00	2870
86.00	235	153.00	105	217.00	1078	444.00	273
87.00	94	154.00	80	221.00	827		
91.00	261	155.00	307	222.00	168		
92.00	91	156.00	357	223.00	100		

Data File: /chem/BNAMS6.i/8270/11-17-07/17nov07.b/m31355.d

Date : 17-NOV-2007 15:03

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP321

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m31355.d
Spectrum: Average Spectrum: 5.918 to 5.933 min.
Location of Maximum: 198.00
Number of points: 140

m/z	Y	m/z	Y	m/z	Y	m/z	Y
93.00	1186	157.00	76	224.00	2378		

Data File: /chem/BNAMS6.i/8270/11-17-07/17nov07.b/m31355.d

Date : 17-NOV-2007 15:03

Client ID:

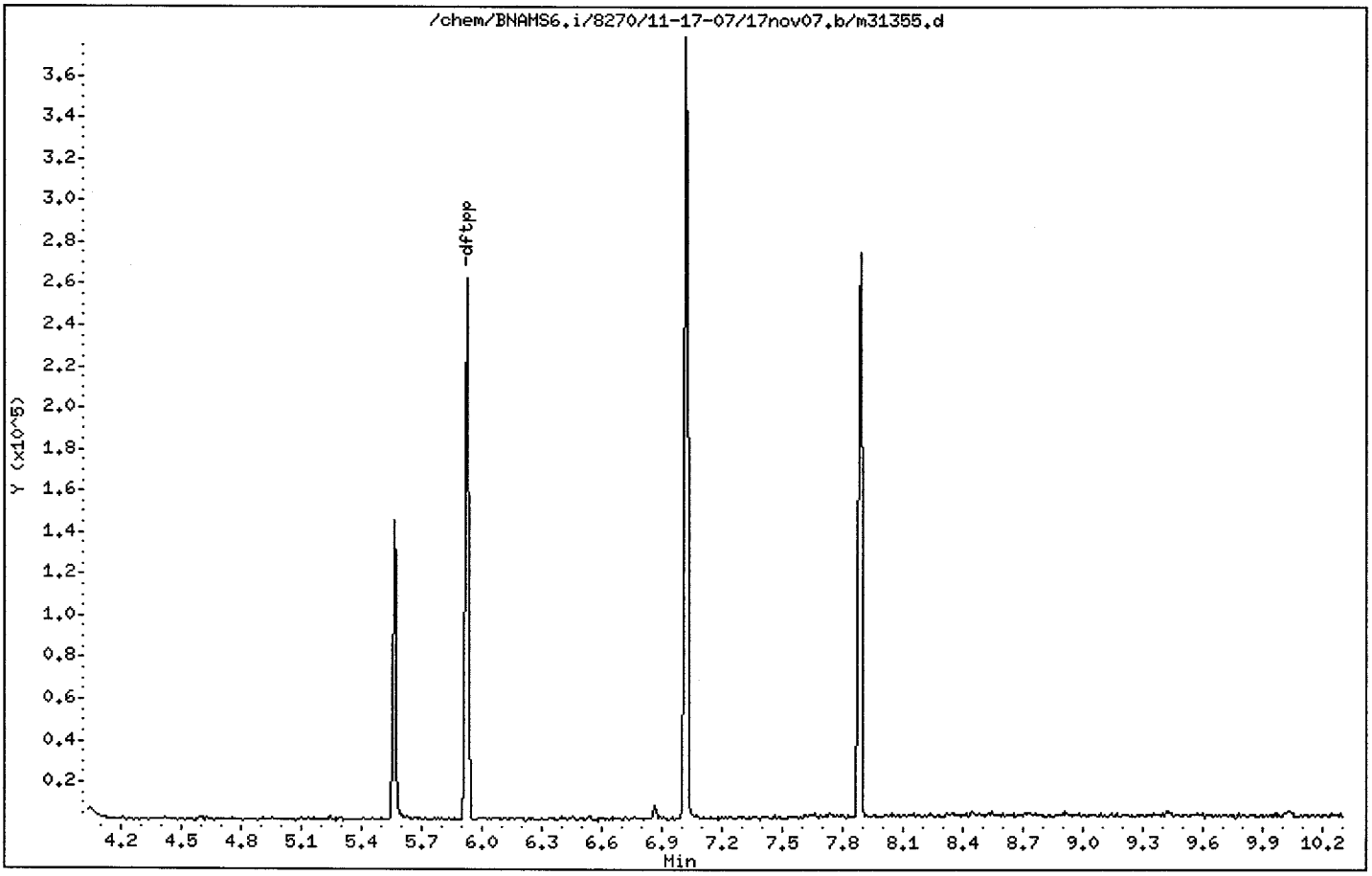
Instrument: BNAMS6.i

Sample Info: MDFTPP321

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: M31440 DFTPP Injection Date: 11/21/07

Instrument ID: BNAMS6 DFTPP Injection Time: 0652

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	54.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	72.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	18.2
365	Greater than 1.0% of mass 198	2.55
441	0.0 - 100.0% of mass 443	12.4 (88.6)2
442	40.0 - 110.0% of mass 198	74.7
443	17.0 - 23.0% of mass 442	13.9 (18.7)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

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

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MSTD325	MSTD325	M31441	11/21/07	0715
02	SB324	SB324	M31447	11/21/07	0945
03	FILL-1	878527	M31448	11/21/07	1008
04	FILL-1MS	878527MS	M31449	11/21/07	1031
05	FILL-1MSD	878527MSD	M31450	11/21/07	1054
06	F-DUP-1	878526	M31451	11/21/07	1117
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31440.d

Date : 21-NOV-2007 06:52

Client ID:

Instrument: BNAMS6.i

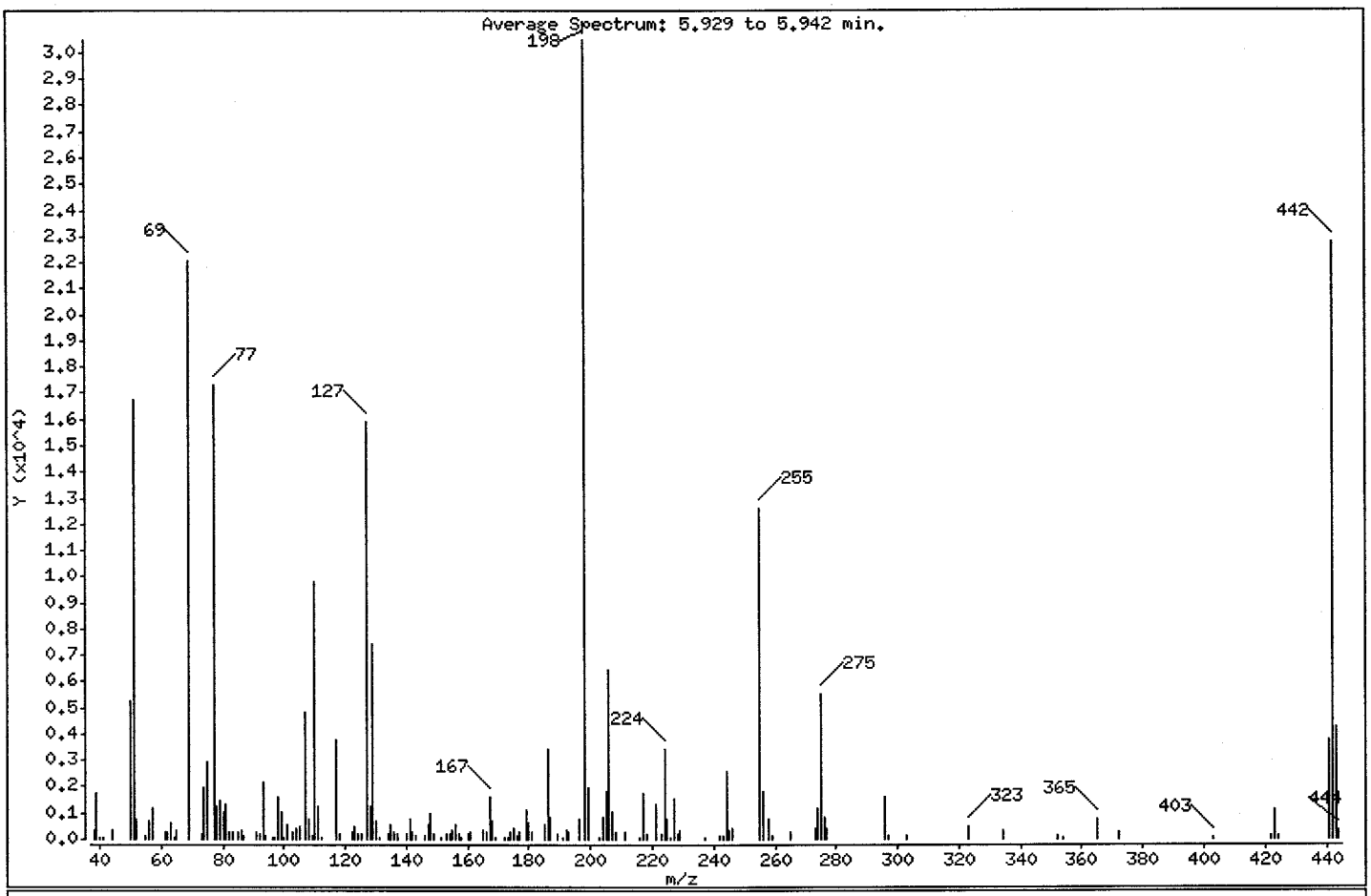
Sample Info: MDFTPP325

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	54.94
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	72.46
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.26
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.34
275	10.00 - 30.00% of mass 198	18.24
365	Greater than 1.00% of mass 198	2.55
441	0.01 - 100.00% of mass 443	12.36 (88.60)
442	40.00 - 110.00% of mass 198	74.72
443	17.00 - 23.00% of mass 442	13.95 (18.67)

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31440.d

Date : 21-NOV-2007 06:52

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP325

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m31440.d
Spectrum: Average Spectrum: 5.929 to 5.942 min.
Location of Maximum: 198.00
Number of points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	354	103.00	267	161.00	287	227.00	1535
39.00	1785	104.00	403	165.00	335	228.00	190
40.00	98	105.00	478	166.00	272	229.00	317
41.00	79	107.00	4845	167.00	1591	237.00	98
44.00	361	108.00	745	168.00	724	242.00	169
50.00	5288	109.00	142	169.00	88	243.00	152
51.00	16744	110.00	9788	172.00	83	244.00	2588
52.00	800	111.00	1272	173.00	80	245.00	316
55.00	148	112.00	71	174.00	264	246.00	440
56.00	705	117.00	3759	175.00	402	255.00	12621
57.00	1223	118.00	199	176.00	173	256.00	1796
61.00	273	122.00	278	177.00	261	258.00	798
62.00	256	123.00	481	179.00	1120	259.00	117
63.00	624	124.00	234	180.00	630	265.00	288
64.00	94	125.00	191	181.00	303	273.00	425
65.00	337	127.00	15935	185.00	538	274.00	1170
69.00	22088	128.00	1277	186.00	3444	275.00	5563
73.00	239	129.00	7448	187.00	876	276.00	815
74.00	1949	130.00	670	189.00	205	277.00	448
75.00	2975	131.00	78	191.00	74	296.00	1611
77.00	17312	134.00	210	192.00	321	297.00	119
78.00	1255	135.00	572	193.00	313	303.00	110
79.00	1455	136.00	249	196.00	752	323.00	465
80.00	1055	137.00	242	198.00	30488	334.00	350
81.00	1323	140.00	182	199.00	1932	352.00	122
82.00	268	141.00	749	203.00	101	354.00	67
83.00	311	142.00	255	204.00	868	365.00	777
85.00	308	143.00	149	205.00	1823	372.00	281
86.00	365	146.00	164	206.00	6440	403.00	85
87.00	129	147.00	527	207.00	1061	422.00	111
91.00	299	148.00	963	208.00	254	423.00	1103
92.00	181	149.00	208	211.00	249	424.00	152
93.00	2197	151.00	85	216.00	90	441.00	3768
94.00	129	153.00	241	217.00	1744	442.00	22776
96.00	69	154.00	214	218.00	187	443.00	4253

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31440.d

Date : 21-NOV-2007 06:52

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP325

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m31440.d

Spectrum: Average Spectrum: 5.929 to 5.942 min.

Location of Maximum: 198.00

Number of points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
97.00	103	155.00	380	221.00	1354	444.00	376
98.00	1642	156.00	567	223.00	222		
99.00	1055	157.00	245	224.00	3466		
100.00	95	158.00	78	225.00	765		
101.00	573	160.00	220	226.00	86		

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31440.d

Date : 21-NOV-2007 06:52

Client ID:

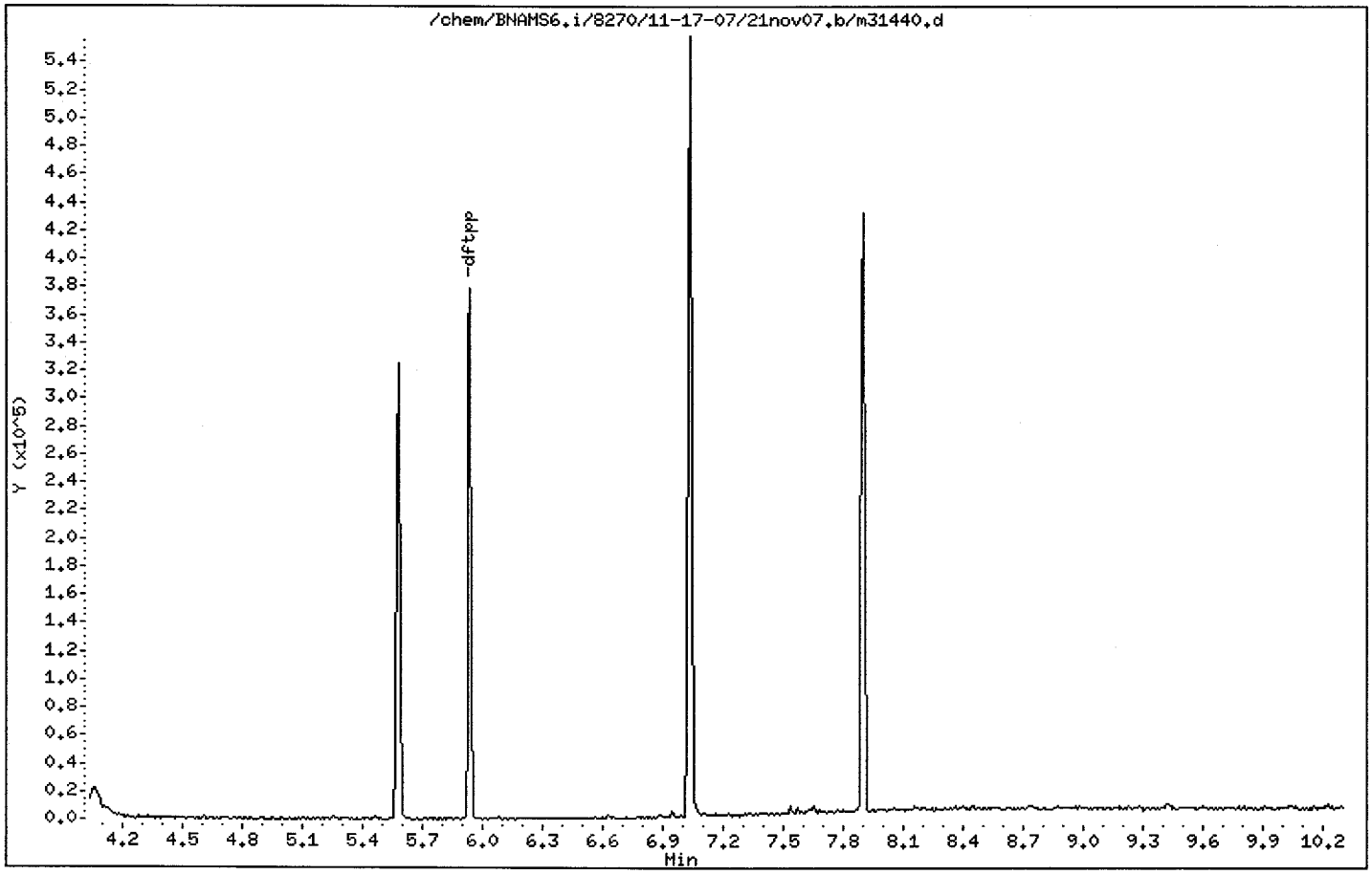
Instrument: BNAMS6.i

Sample Info: MDFTPP325

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



Method Blank Results Summary

SEMIVOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

SB324

Matrix: SOIL

Date Analyzed: 11/21/07

Level: LOW

Time Analyzed: 0945

Instrument ID: BNAMS6

Lab File ID: M31447

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	DATE ANALYZED
01	FILL-1	878527	M31448	11/21/07
02	FILL-1MS	878527MS	M31449	11/21/07
03	FILL-1MSD	878527MSD	M31450	11/21/07
04	F-DUP-1	878526	M31451	11/21/07
05				
06				
07				
08				
09				
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29				
30				

COMMENTS:

Client ID: **SB324**
Site:

Lab Sample No: **SB324**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31447.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	330
2-Chlorophenol	ND	330
2-Methylphenol	ND	330
4-Methylphenol	ND	330
2-Nitrophenol	ND	330
2,4-Dimethylphenol	ND	330
2,4-Dichlorophenol	ND	330
4-Chloro-3-methylphenol	ND	330
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2,4-Dinitrophenol	ND	1000
4-Nitrophenol	ND	1000
4,6-Dinitro-2-methylphenol	ND	1000
Pentachlorophenol	ND	1000
Benzoic Acid	ND	330
N-Nitrosodimethylamine	ND	330
bis(2-Chloroethyl)ether	ND	33
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
1,2-Dichlorobenzene	ND	330
bis(2-chloroisopropyl)ether	ND	330
N-Nitroso-di-n-propylamine	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
Isophorone	ND	330
bis(2-Chloroethoxy)methane	ND	330
1,2,4-Trichlorobenzene	ND	33
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	67
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670

Client ID: **SB324**
Site:

Lab Sample No: **SB324**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31447.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	67
3-Nitroaniline	ND	670
Acenaphthene	ND	330
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	67
Diethylphthalate	ND	330
4-Chlorophenyl-phenylether	ND	330
Fluorene	ND	330
4-Nitroaniline	ND	670
N-Nitrosodiphenylamine	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	33
Phenanthrene	ND	330
Anthracene	ND	330
Carbazole	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330
Pyrene	ND	330
Benzidine	ND	670
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	33
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	33
Benzo(k)fluoranthene	ND	33
Benzo(a)pyrene	ND	33
Indeno(1,2,3-cd)pyrene	ND	33
Dibenz(a,h)anthracene	ND	33
Benzo(g,h,i)perylene	ND	330
Pyridine	ND	330

Client ID: **SB324**
Site:

Lab Sample No: **SB324**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31447.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Aniline	ND	330
Benzyl Alcohol	ND	330
1,2-Diphenylhydrazine	ND	330
Diphenyl	ND	330
Diphenyl Ether	ND	330
Acetophenone	ND	330
1,4-Dioxane	ND	330
N,N-Dimethylaniline	ND	33
2,3,7,8-TCDD (Screen)	ND	33
Benzaldehyde	ND	330
Caprolactam	ND	330
Atrazine	ND	330
n-decane	ND	330
Coumarin	ND	330
n-Octadecane	ND	330
o-Tricresylphosphate	ND	330
Carbamazepine	ND	670
1-Methylnaphthalene	ND	670

Client ID: **SB324**
Site:

Lab Sample No: **SB324**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m31447.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown Aldol Condensate	4.28	2700	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
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19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 2700

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31447.d
Report Date: 21-Nov-2007 13:36

STL Edison

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31447.d
Lab Smp Id: SB324 Client Smp ID: SB324
Inj Date : 21-NOV-2007 09:45
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : SB324;MB76729
Misc Info :
Comment :
Method : /chem/BNAMS6.i/8270/11-17-07/21nov07.b/8270C_06.m
Meth Date : 21-Nov-2007 13:13 croccom Quant Type: ISTD
Cal Date : 17-NOV-2007 17:48 Cal File: m31361.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

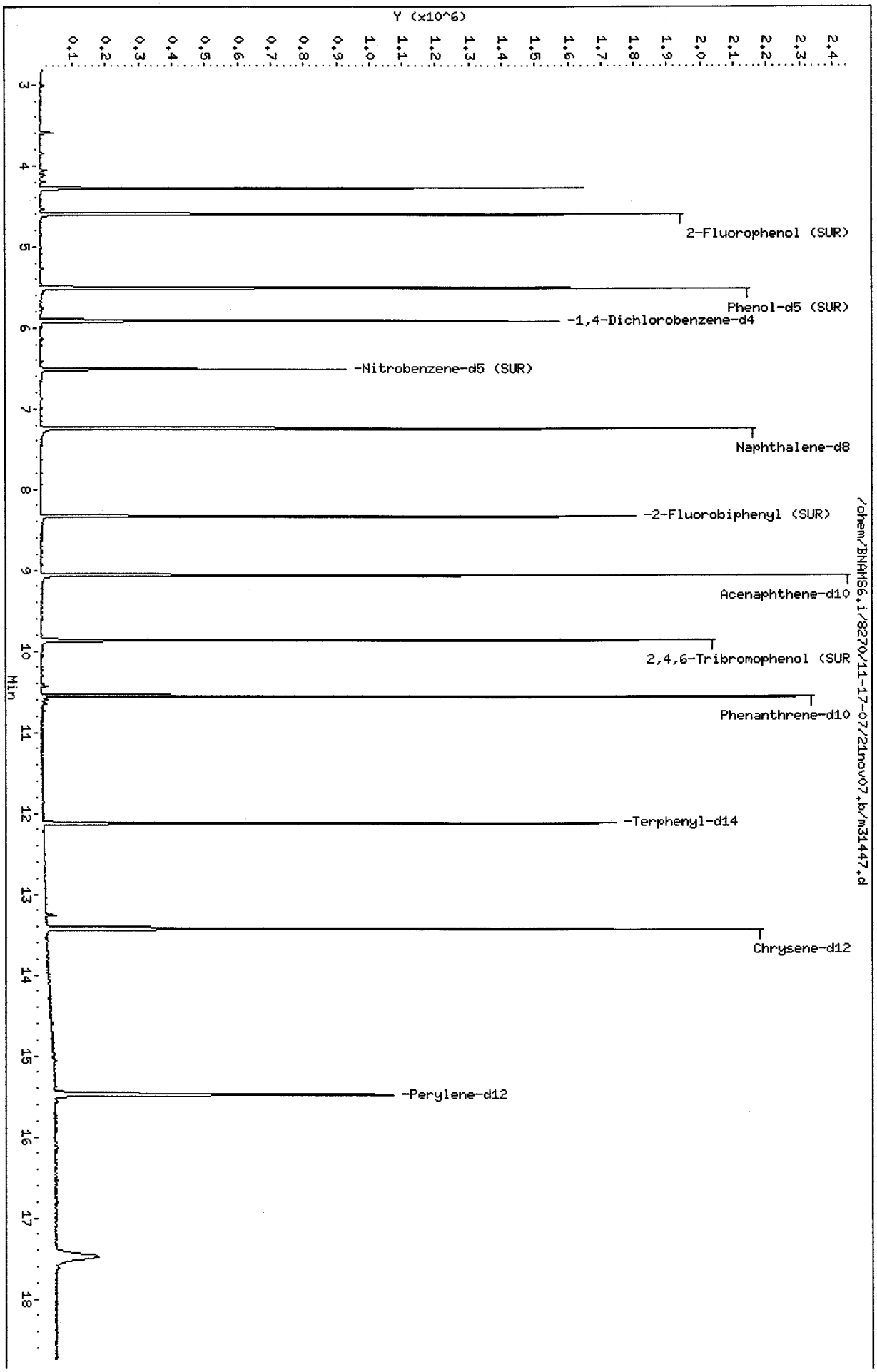
11/21/07

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.599	4.599	(0.777)	525787	66.9946	4500
$ 17 Phenol-d5 (SUR)	99	5.508	5.511	(0.931)	668791	68.2173	4500
* 79 1,4-Dichlorobenzene-d4	152	5.915	5.917	(1.000)	280239	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.514	6.516	(0.899)	298516	33.7044	2200
* 80 Naphthalene-d8	136	7.245	7.246	(1.000)	1020168	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.329	8.332	(0.920)	560938	30.2950	2000
* 82 Acenaphthene-d10	164	9.056	9.062	(1.000)	657384	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	9.867	9.863	(1.089)	237218	97.8882	6500
* 83 Phenanthrene-d10	188	10.550	10.553	(1.000)	946120	40.0000	
$ 78 Terphenyl-d14	244	12.122	12.120	(0.903)	557729	24.7679	1600
* 81 Chrysene-d12	240	13.421	13.427	(1.000)	1058479	40.0000	
* 84 Perylene-d12	264	15.479	15.482	(1.000)	554838	40.0000	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Date : 21-NOV-2007 09:45
Client ID: SB324
Sample Info: SB324;MB76729
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
/chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31447.d
2-Fluorophenol (SUR)
Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
Naphthalene-d8
-2-Fluorobiphenyl (SUR)
Acenaphthene-d10
2,4,6-Tribromophenol (SUR
Phenanthrene-d10
-Terphenyl-d14
Chrysene-d12
-Perylene-d12

Data File: /chem/BNAMS6.i/8270/11-17-07/21nov07.b/m31447.d

Date : 21-NOV-2007 09:45

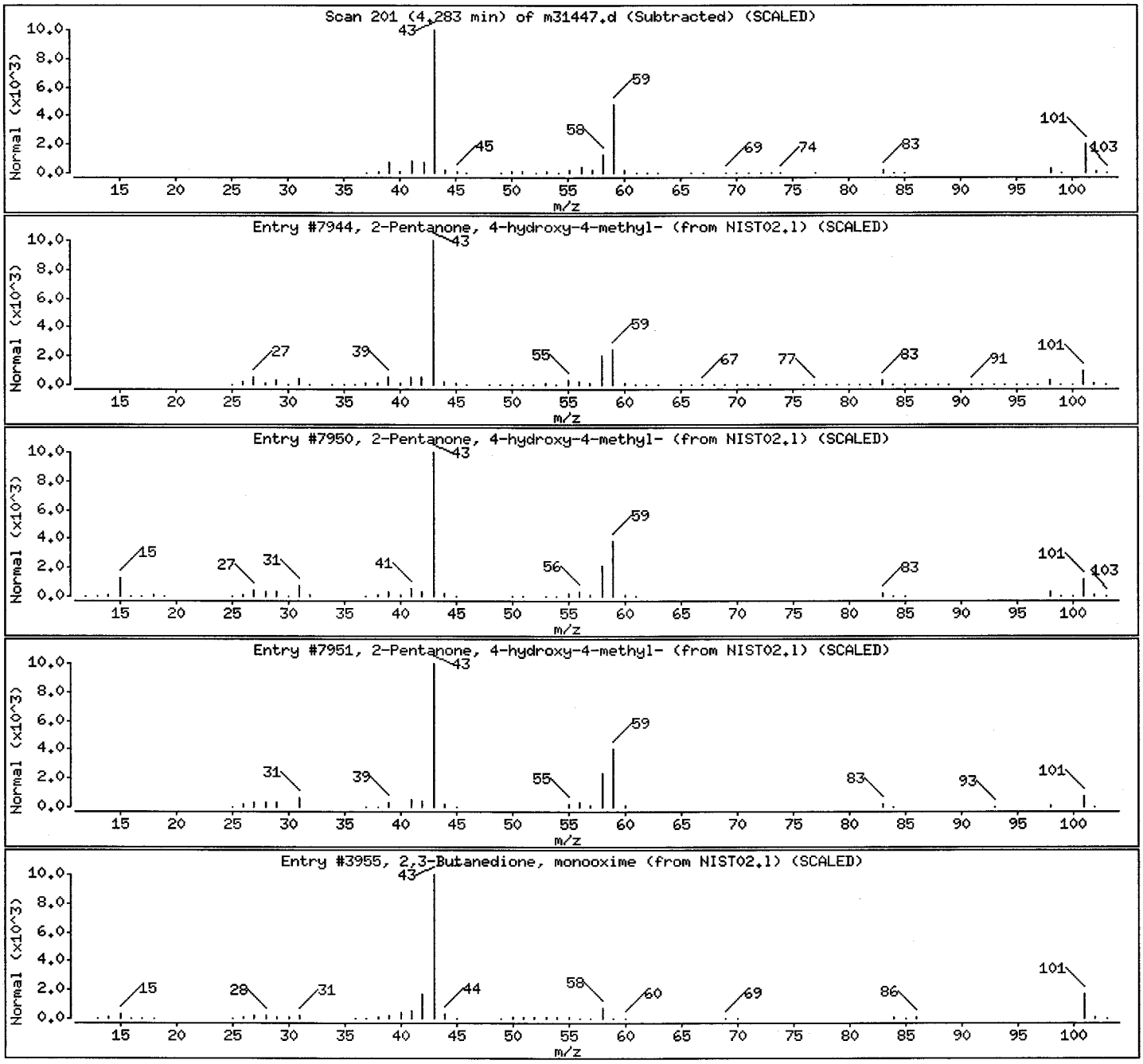
Client ID: SB324 Instrument: BNAMS6.i

Sample Info: SB324;MB76729

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	72	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	40	C6H12O2	116
2,3-Butanedione, monooxime	57-71-6	NIST02.l	3955	38	C4H7NO2	101



Calibration Summary

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

LAB FILE ID: RRF5: M31358 RRF20: M31360 RRF50: M31356
RRF80: M31359 RRF120: M31357

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Phenol	1.389	1.479	1.457	1.496	1.349
2-Chlorophenol	1.331	1.375	1.374	1.320	1.296
2-Methylphenol	1.140	1.218	1.143	1.153	1.088
4-Methylphenol	1.207	1.311	1.249	1.246	1.192
2-Nitrophenol	0.182	0.210	0.217	0.216	0.212
2,4-Dimethylphenol	0.318	0.321	0.319	0.320	0.291
2,4-Dichlorophenol	0.283	0.301	0.303	0.300	0.290
4-Chloro-3-methylphenol	0.301	0.317	0.308	0.297	0.278
2,4,6-Trichlorophenol	0.233	0.293	0.308	0.284	0.278
2,4,5-Trichlorophenol	0.306	0.309	0.319	0.300	0.298
2,4-Dinitrophenol	0.062	0.102	0.111	0.122	0.123
4-Nitrophenol	0.256	0.291	0.272	0.270	0.248
4,6-Dinitro-2-methylphenol	0.099	0.129	0.138	0.147	0.144
Pentachlorophenol	0.123	0.139	0.148	0.154	0.139
Benzoic Acid	0.111	0.192	0.212	0.200	0.227
N-Nitrosodimethylamine	0.651	0.733	0.674	0.654	0.632
bis(2-Chloroethyl)ether	1.812	1.380	1.154	1.135	1.010
1,3-Dichlorobenzene	1.566	1.676	1.596	1.612	1.435
1,4-Dichlorobenzene	1.585	1.753	1.616	1.525	1.426
1,2-Dichlorobenzene	1.420	1.592	1.542	1.459	1.426
bis(2-chloroisopropyl)ether	1.653	1.896	1.640	1.739	1.594
N-Nitroso-di-n-propylamine	1.006	0.973	0.879	0.903	0.861
Hexachloroethane	0.612	0.610	0.573	0.558	0.530
Nitrobenzene	0.568	0.478	0.436	0.437	0.407
Isophorone	0.747	0.677	0.648	0.645	0.624
bis(2-Chloroethoxy)methane	0.376	0.375	0.349	0.330	0.331
1,2,4-Trichlorobenzene	0.303	0.261	0.262	0.241	0.239
Naphthalene	1.013	1.007	0.967	0.910	0.882
4-Chloroaniline	0.440	0.432	0.416	0.399	0.386
Hexachlorobutadiene	0.129	0.137	0.133	0.126	0.121
2-Methylnaphthalene	0.736	0.728	0.694	0.656	0.626
Hexachlorocyclopentadiene	0.238	0.210	0.238	0.237	0.235
2-Chloronaphthalene	1.052	1.076	1.074	0.962	0.988
2-Nitroaniline	0.334	0.349	0.356	0.345	0.336
Dimethylphthalate	1.473	1.367	1.466	1.288	1.180
Acenaphthylene	1.984	1.912	1.927	1.781	1.712
2,6-Dinitrotoluene	0.292	0.320	0.322	0.310	0.309
3-Nitroaniline	0.414	0.432	0.417	0.374	0.383
Acenaphthene	1.160	1.184	1.224	1.112	1.105

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

LAB FILE ID: RRF5: M31358 RRF20: M31360 RRF50: M31356
RRF80: M31359 RRF120: M31357

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Dibenzofuran	1.534	1.492	1.526	1.391	1.386
2,4-Dinitrotoluene	0.371	0.433	0.431	0.406	0.394
Diethylphthalate	1.666	1.584	1.589	1.414	1.402
4-Chlorophenyl-phenylether	0.507	0.513	0.509	0.472	0.454
Fluorene	1.180	1.179	1.188	1.114	1.090
4-Nitroaniline	0.411	0.437	0.422	0.379	0.359
N-Nitrosodiphenylamine	0.633	0.580	0.671	0.639	0.626
4-Bromophenyl-phenylether	0.178	0.202	0.202	0.209	0.211
Hexachlorobenzene	0.252	0.230	0.233	0.225	0.218
Phenanthrene	1.201	1.178	1.183	1.162	1.081
Anthracene	1.174	1.213	1.155	1.155	1.110
Carbazole	1.323	1.256	1.172	1.185	1.064
Di-n-butylphthalate	2.107	2.129	2.058	1.935	1.819
Fluoranthene	1.289	1.287	1.143	1.055	1.014
Pyrene	1.367	1.422	1.403	1.324	1.398
Benzidine	0.284	0.415	0.223	0.224	0.144
Butylbenzylphthalate	0.977	1.024	1.029	1.000	0.979
3,3'-Dichlorobenzidine	0.392	0.405	0.351	0.352	0.340
Benzo(a)anthracene	1.413	1.052	1.100	1.056	1.075
Chrysene	0.994	1.000	0.965	0.978	1.018
bis(2-Ethylhexyl)phthalate	1.290	1.396	1.401	1.344	1.359
Di-n-octylphthalate	3.610	3.900	3.937	3.434	3.611
Benzo(b)fluoranthene	1.905	1.680	1.526	1.610	1.691
Benzo(k)fluoranthene	1.897	1.812	1.829	1.423	1.458
Benzo(a)pyrene	1.641	1.575	1.488	1.393	1.439
Indeno(1,2,3-cd)pyrene	1.561	1.598	1.622	1.470	1.501
Dibenz(a,h)anthracene	1.395	1.399	1.417	1.278	1.327
Benzo(g,h,i)perylene	1.172	1.284	1.379	1.254	1.276
Pyridine	1.139	1.260	1.113	1.150	0.998
Aniline	1.813	1.841	1.720	1.763	1.741
Benzyl Alcohol	0.901	0.933	0.873	0.874	0.809
1,2-Diphenylhydrazine	1.082	1.138	1.078	1.086	1.078
Diphenyl	1.481	1.431	1.431	1.353	1.354
Diphenyl Ether	0.666	0.696	0.725	0.662	0.661
Acetophenone	1.715	1.820	1.610	1.678	1.535
1,4-Dioxane	0.398	0.474	0.442	0.400	0.383
N,N-Dimethylaniline	2.016	2.078	1.957	1.928	1.796
2,3,7,8-TCDD (Screen)			0.168		
Benzaldehyde	0.608	0.882	0.496	0.468	0.251

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

LAB FILE ID: RRF5: M31358 RRF20: M31360 RRF50: M31356
RRF80: M31359 RRF120: M31357

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Caprolactam	0.130	0.131	0.129	0.118	0.102
Atrazine	0.232	0.213	0.228	0.217	0.198
n-decane	1.160	1.258	1.089	1.111	0.999
Coumarin	0.372	0.364	0.336	0.312	0.283
n-Octadecane	0.594	0.555	0.586	0.638	0.587
o-Tricresylphosphate	0.303	0.295	0.309	0.305	0.305
Carbamazepine	0.432	0.516	0.529	0.553	0.528
1-Methylnaphthalene	0.658	0.618	0.626	0.603	0.590
2-Fluorophenol (SUR)	1.108	1.169	1.232	1.168	1.081
Phenol-d5 (SUR)	1.335	1.552	1.500	1.478	1.329
2,4,6-Tribromophenol (SUR)	0.143	0.156	0.166	0.150	0.138
Nitrobenzene-d5 (SUR)	0.383	0.361	0.336	0.343	0.321
2-Fluorobiphenyl (SUR)	1.142	1.188	1.138	1.088	1.070
Terphenyl-d14	0.802	0.884	0.868	0.866	0.865

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

RRF10: M31361

COMPOUND	RRF10
Phenol	1.522
2-Chlorophenol	1.380
2-Methylphenol	1.203
4-Methylphenol	1.326
2-Nitrophenol	0.199
2,4-Dimethylphenol	0.317
2,4-Dichlorophenol	0.285
4-Chloro-3-methylphenol	0.299
2,4,6-Trichlorophenol	0.291
2,4,5-Trichlorophenol	0.310
2,4-Dinitrophenol	0.078
4-Nitrophenol	0.299
4,6-Dinitro-2-methylphenol	0.114
Pentachlorophenol	0.144
Benzoic Acid	0.167
N-Nitrosodimethylamine	0.685
bis(2-Chloroethyl)ether	1.111
1,3-Dichlorobenzene	1.492
1,4-Dichlorobenzene	1.513
1,2-Dichlorobenzene	1.433
bis(2-chloroisopropyl)ether	1.693
N-Nitroso-di-n-propylamine	0.889
Hexachloroethane	0.553
Nitrobenzene	0.428
Isophorone	0.604
bis(2-Chloroethoxy)methane	0.332
1,2,4-Trichlorobenzene	0.243
Naphthalene	0.880
4-Chloroaniline	0.384
Hexachlorobutadiene	0.120
2-Methylnaphthalene	0.637
Hexachlorocyclopentadiene	0.188
2-Chloronaphthalene	1.042
2-Nitroaniline	0.354
Dimethylphthalate	1.374
Acenaphthylene	1.867
2,6-Dinitrotoluene	0.297
3-Nitroaniline	0.398
Acenaphthene	1.190

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

RRF10: M31361

COMPOUND	RRF10
Dibenzofuran	1.442
2,4-Dinitrotoluene	0.387
Diethylphthalate	1.568
4-Chlorophenyl-phenylether	0.500
Fluorene	1.174
4-Nitroaniline	0.437
N-Nitrosodiphenylamine	0.654
4-Bromophenyl-phenylether	0.196
Hexachlorobenzene	0.222
Phenanthrene	1.159
Anthracene	1.151
Carbazole	1.125
Di-n-butylphthalate	2.114
Fluoranthene	1.278
Pyrene	1.382
Benzidine	0.554
Butylbenzylphthalate	0.974
3,3'-Dichlorobenzidine	0.420
Benzo(a)anthracene	1.004
Chrysene	0.961
bis(2-Ethylhexyl)phthalate	1.345
Di-n-octylphthalate	3.494
Benzo(b)fluoranthene	1.491
Benzo(k)fluoranthene	1.599
Benzo(a)pyrene	1.410
Indeno(1,2,3-cd)pyrene	1.361
Dibenz(a,h)anthracene	1.151
Benzo(g,h,i)perylene	1.129
Pyridine	1.137
Aniline	1.684
Benzyl Alcohol	0.841
1,2-Diphenylhydrazine	1.095
Diphenyl	1.496
Diphenyl Ether	0.694
Acetophenone	1.765
1,4-Dioxane	0.438
N,N-Dimethylaniline	1.988
2,3,7,8-TCDD (Screen)	
Benzaldehyde	0.883

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

RRF10: M31361

COMPOUND	RRF10
Caprolactam	0.129
Atrazine	0.234
n-decane	1.132
Coumarin	0.333
n-Octadecane	0.592
o-Tricresylphosphate	0.282
Carbamazepine	0.461
1-Methylnaphthalene	0.599
2-Fluorophenol (SUR)	0.963
Phenol-d5 (SUR)	1.203
2,4,6-Tribromophenol (SUR)	0.130
Nitrobenzene-d5 (SUR)	0.340
2-Fluorobiphenyl (SUR)	1.134
Terphenyl-d14	0.820

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Phenol	AVRG		1.44868062		4.6*
2-Chlorophenol	AVRG		1.34585554		2.6*
2-Methylphenol	AVRG		1.15761651		4.1*
4-Methylphenol	AVRG		1.25524556		4.3*
2-Nitrophenol	AVRG		0.20626589		6.4*
2,4-Dimethylphenol	AVRG		0.31425277		3.6*
2,4-Dichlorophenol	AVRG		0.29366732		3.0*
4-Chloro-3-methylphenol	AVRG		0.30010478		4.3*
2,4,6-Trichlorophenol	AVRG		0.28110831		9.1*
2,4,5-Trichlorophenol	AVRG		0.30708793		2.4*
2,4-Dinitrophenol	2ORDR	0.00000000	9.78892731	-4.8578002	0.995**
4-Nitrophenol	AVRG		0.27269182		7.2**
4,6-Dinitro-2-methylphenol	AVRG		0.12855662		14.4*
Pentachlorophenol	AVRG		0.14115482		7.5*
Benzoic Acid	LINR	0.00000000	4.58462115		0.992*
N-Nitrosodimethylamine	AVRG		0.67140522		5.2*
bis(2-Chloroethyl)ether	2ORDR	0.00000000	0.69460240	0.09478064	0.998*
1,3-Dichlorobenzene	AVRG		1.56281174		5.5*
1,4-Dichlorobenzene	AVRG		1.56962050		7.1*
1,2-Dichlorobenzene	AVRG		1.47870468		4.8*
bis(2-chloroisopropyl)ether	AVRG		1.70255442		6.3*
N-Nitroso-di-n-propylamine	AVRG		0.91854728		6.3**
Hexachloroethane	AVRG		0.57287726		5.7*
Nitrobenzene	AVRG		0.45913841		12.7*
Isophorone	AVRG		0.65757099		7.6*
bis(2-Chloroethoxy)methane	AVRG		0.34897411		6.2*
1,2,4-Trichlorobenzene	AVRG		0.25832682		9.4*
Naphthalene	AVRG		0.94339592		6.4*
4-Chloroaniline	AVRG		0.40939823		5.8*
Hexachlorobutadiene	AVRG		0.12757276		5.2*
2-Methylnaphthalene	AVRG		0.67942488		6.9*
Hexachlorocyclopentadiene	AVRG		0.22432339		9.3**
2-Chloronaphthalene	AVRG		1.03254648		4.6*
2-Nitroaniline	AVRG		0.34578405		2.7*
Dimethylphthalate	AVRG		1.35790788		8.2*
Acenaphthylene	AVRG		1.86397748		5.4*
2,6-Dinitrotoluene	AVRG		0.30848946		3.9*
3-Nitroaniline	AVRG		0.40319846		5.4*
Acenaphthene	AVRG		1.16257734		4.0*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Dibenzofuran	AVRG		1.46179323		4.5*
2,4-Dinitrotoluene	AVRG		0.40363651		6.2*
Diethylphthalate	AVRG		1.53707611		6.9*
4-Chlorophenyl-phenylether	AVRG		0.49261232		4.9*
Fluorene	AVRG		1.15444364		3.6*
4-Nitroaniline	AVRG		0.40763701		7.9*
N-Nitrosodiphenylamine	AVRG		0.63392541		4.8*
4-Bromophenyl-phenylether	AVRG		0.19963603		6.0*
Hexachlorobenzene	AVRG		0.23005302		5.3*
Phenanthrene	AVRG		1.16060780		3.6*
Anthracene	AVRG		1.15968597		2.9*
Carbazole	AVRG		1.18753680		7.8*
Di-n-butylphthalate	AVRG		2.02710630		6.1*
Fluoranthene	AVRG		1.17780424		10.5*
Pyrene	AVRG		1.38277287		2.5*
Benzidine	AVRG		0.30737768		49.0*
Butylbenzylphthalate	AVRG		0.99728264		2.4*
3,3'-Dichlorobenzidine	AVRG		0.37680978		8.9*
Benzo(a)anthracene	AVRG		1.11666596		13.3*
Chrysene	AVRG		0.98623727		2.2*
bis(2-Ethylhexyl)phthalate	AVRG		1.35579534		3.0*
Di-n-octylphthalate	AVRG		3.66445039		5.7*
Benzo(b)fluoranthene	AVRG		1.65038512		9.0*
Benzo(k)fluoranthene	AVRG		1.66978296		12.2*
Benzo(a)pyrene	AVRG		1.49106556		6.6*
Indeno(1,2,3-cd)pyrene	AVRG		1.51894796		6.4*
Dibenz(a,h)anthracene	AVRG		1.32791638		7.6*
Benzo(g,h,i)perylene	AVRG		1.24894710		7.1*
Pyridine	AVRG		1.13284028		7.4*
Aniline	AVRG		1.76041099		3.3*
Benzyl Alcohol	AVRG		0.87156012		5.0*
1,2-Diphenylhydrazine	AVRG		1.09282674		2.1*
Diphenyl	AVRG		1.42435832		4.3*
Diphenyl Ether	AVRG		0.68414307		3.7*
Acetophenone	AVRG		1.68733265		6.1**
1,4-Dioxane	AVRG		0.42241156		8.1**
N,N-Dimethylaniline	AVRG		1.96051965		4.9**
2,3,7,8-TCDD (Screen)	AVRG		0.16768559		0.0**
Benzaldehyde	AVRG		0.59808711		41.6*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS6 Calibration Date(s): 11/17/07 11/17/07

Calibration Time(s): 1553 1748

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2
Caprolactam	AVRG		0.12324321		9.4*
Atrazine	AVRG		0.22021860		6.2*
n-decane	AVRG		1.12489898		7.6*
Coumarin	AVRG		0.33361443		9.9*
n-Octadecane	AVRG		0.59193041		4.5*
o-Tricresylphosphate	AVRG		0.29981041		3.3*
Carbamazepine	AVRG		0.50309818		9.3*
1-Methylnaphthalene	AVRG		0.61582955		3.9*
2-Fluorophenol (SUR)	AVRG		1.12021569		8.3*
Phenol-d5 (SUR)	AVRG		1.39935380		9.4*
2,4,6-Tribromophenol (SUR)	AVRG		0.14745462		8.8*
Nitrobenzene-d5 (SUR)	AVRG		0.34727159		6.2*
2-Fluorobiphenyl (SUR)	AVRG		1.12663730		3.8*
Terphenyl-d14	AVRG		0.85096381		3.8*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N763

Instrument ID: BNAMS6 Calibration Date: 11/21/07 Time: 0715

Lab File ID: M31441 Init. Calib. Date(s): 11/17/07 11/17/07

Init. Calib. Times: 1553 1748

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Phenol	1.4490000	1.5496323	1.5496323		-6.94	20.00	AVRG	
2-Chlorophenol	1.3460000	1.3161349	1.3161349		2.22	20.00	AVRG	
2-Methylphenol	1.1580000	1.2554769	1.2554769		-8.42	20.00	AVRG	
4-Methylphenol	1.2550000	1.2732679	1.2732679		-1.46	20.00	AVRG	
2-Nitrophenol	0.2060000	0.2226626	0.2226626		-8.09	20.00	AVRG	
2,4-Dimethylphenol	0.3140000	0.3093399	0.3093399		1.48	20.00	AVRG	
2,4-Dichlorophenol	0.2940000	0.3220085	0.3220085		-9.53	20.00	AVRG	
4-Chloro-3-methylphenol	0.3000000	0.3171537	0.3171537		-5.72	20.00	AVRG	
2,4,6-Trichlorophenol	0.2810000	0.2865172	0.2865172		-1.96	20.00	AVRG	
2,4,5-Trichlorophenol	0.3070000	0.3138982	0.3138982		-2.25	20.00	AVRG	
2,4-Dinitrophenol	72.182363	50.000000	0.1642030	0.05	-44.36		2RDR	
4-Nitrophenol	0.2730000	0.3279054	0.3279054	0.05	-20.11	20.00	AVRG	<-
4,6-Dinitro-2-methylphenol	0.1280000	0.1511078	0.1511078		-18.05	20.00	AVRG	
Pentachlorophenol	0.1410000	0.1575460	0.1575460		-11.73	20.00	AVRG	
Benzoic Acid	48.799180	50.000000	0.2128821		2.40		LINR	
N-Nitrosodimethylamine	0.6720000	0.7238909	0.7238909		-7.72	20.00	AVRG	
bis(2-Chloroethyl)ether	67.671038	50.000000	1.5426003		-35.34		2RDR	
1,3-Dichlorobenzene	1.5630000	1.4688467	1.4688467		6.02	20.00	AVRG	
1,4-Dichlorobenzene	1.5700000	1.4729797	1.4729797		6.18	20.00	AVRG	
1,2-Dichlorobenzene	1.4790000	1.4506871	1.4506871		1.91	20.00	AVRG	
bis(2-chloroisopropyl)ether	1.7020000	1.7656138	1.7656138		-3.74	20.00	AVRG	
N-Nitroso-di-n-propylamine	0.9180000	0.9253553	0.9253553	0.05	-0.80	20.00	AVRG	
Hexachloroethane	0.5730000	0.5837031	0.5837031		-1.87	20.00	AVRG	
Nitrobenzene	0.4590000	0.4915536	0.4915536		-7.09	20.00	AVRG	
Isophorone	0.6580000	0.7196308	0.7196308		-9.37	20.00	AVRG	
bis(2-Chloroethoxy)methane	0.3490000	0.3698437	0.3698437		-5.97	20.00	AVRG	
1,2,4-Trichlorobenzene	0.2580000	0.2685867	0.2685867		-4.10	20.00	AVRG	
Naphthalene	0.9430000	0.9808218	0.9808218		-4.01	20.00	AVRG	
4-Chloroaniline	0.4100000	0.2737896	0.2737896		33.22	20.00	AVRG	<-
Hexachlorobutadiene	0.1280000	0.1335871	0.1335871		-4.36	20.00	AVRG	
2-Methylnaphthalene	0.6800000	0.6632685	0.6632685		2.46	20.00	AVRG	
Hexachlorocyclopentadiene	0.2240000	0.2230412	0.2230412	0.05	0.43	20.00	AVRG	
2-Chloronaphthalene	1.0320000	1.0936945	1.0936945		-5.98	20.00	AVRG	
2-Nitroaniline	0.3460000	0.3722155	0.3722155		-7.58	20.00	AVRG	
Dimethylphthalate	1.3580000	1.3863445	1.3863445		-2.09	20.00	AVRG	
Acenaphthylene	1.8640000	1.7900647	1.7900647		3.97	20.00	AVRG	
2,6-Dinitrotoluene	0.3080000	0.3557204	0.3557204		-15.49	20.00	AVRG	
3-Nitroaniline	0.4030000	0.4068646	0.4068646		-0.96	20.00	AVRG	
Acenaphthene	1.1620000	1.1326369	1.1326369		2.53	20.00	AVRG	
Dibenzofuran	1.4620000	1.5070214	1.5070214		-3.08	20.00	AVRG	
2,4-Dinitrotoluene	0.4040000	0.4408435	0.4408435		-9.12	20.00	AVRG	
Diethylphthalate	1.5370000	1.4966225	1.4966225		2.63	20.00	AVRG	

FORM VII SV-1

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N763

Instrument ID: BNAMS6 Calibration Date: 11/21/07 Time: 0715

Lab File ID: M31441 Init. Calib. Date(s): 11/17/07 11/17/07

Init. Calib. Times: 1553 1748

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
4-Chlorophenyl-phenylether	0.4920000	0.4906298	0.4906298		0.28	20.00	AVRG	
Fluorene	1.1540000	1.2523548	1.2523548		-8.52	20.00	AVRG	
4-Nitroaniline	0.4080000	0.3433654	0.3433654		15.84	20.00	AVRG	
N-Nitrosodiphenylamine	0.6340000	0.6306545	0.6306545		0.53	20.00	AVRG	
4-Bromophenyl-phenylether	0.2000000	0.1976752	0.1976752		1.16	20.00	AVRG	
Hexachlorobenzene	0.2300000	0.2350613	0.2350613		-2.20	20.00	AVRG	
Phenanthrene	1.1610000	1.1652195	1.1652195		-0.36	20.00	AVRG	
Anthracene	1.1600000	1.1829576	1.1829576		-1.98	20.00	AVRG	
Carbazole	1.1880000	1.2738479	1.2738479		-7.23	20.00	AVRG	
Di-n-butylphthalate	2.0270000	1.9676987	1.9676987		2.92	20.00	AVRG	
Fluoranthene	1.1780000	1.1915677	1.1915677		-1.15	20.00	AVRG	
Pyrene	1.3830000	1.2218492	1.2218492		11.65	20.00	AVRG	
Benzidine	0.3070000	0.1310991	0.1310991		57.30	20.00	AVRG	<-
Butylbenzylphthalate	0.9970000	0.8857526	0.8857526		11.16	20.00	AVRG	
3,3'-Dichlorobenzidine	0.3770000	0.3495596	0.3495596		7.28	20.00	AVRG	
Benzo(a)anthracene	1.1170000	1.1151127	1.1151127		0.17	20.00	AVRG	
Chrysene	0.9860000	1.0170967	1.0170967		-3.15	20.00	AVRG	
bis(2-Ethylhexyl)phthalate	1.3560000	1.3021470	1.3021470		3.97	20.00	AVRG	
Di-n-octylphthalate	3.6640000	3.1703869	3.1703869		13.47	20.00	AVRG	
Benzo(b)fluoranthene	1.6500000	1.5629372	1.5629372		5.28	20.00	AVRG	
Benzo(k)fluoranthene	1.6700000	1.5913783	1.5913783		4.71	20.00	AVRG	
Benzo(a)pyrene	1.4910000	1.4648117	1.4648117		1.76	20.00	AVRG	
Indeno(1,2,3-cd)pyrene	1.5190000	1.4958749	1.4958749		1.52	20.00	AVRG	
Dibenz(a,h)anthracene	1.3280000	1.2948150	1.2948150		2.50	20.00	AVRG	
Benzo(g,h,i)perylene	1.2490000	1.3007339	1.3007339		-4.14	20.00	AVRG	
Pyridine	1.1330000	1.1805861	1.1805861		-4.20	20.00	AVRG	
Aniline	1.7600000	1.5058656	1.5058656		14.44	20.00	AVRG	
Benzyl Alcohol	0.8720000	0.7979601	0.7979601		8.49	20.00	AVRG	
1,2-Diphenylhydrazine	1.0930000	1.1470130	1.1470130		-4.94	20.00	AVRG	
Diphenyl	1.4240000	1.3656565	1.3656565		4.10	20.00	AVRG	
Diphenyl Ether	0.6840000	0.6700486	0.6700486		2.04	20.00	AVRG	
Acetophenone	1.6870000	1.6785364	1.6785364	0.01	0.50	20.00	AVRG	
1,4-Dioxane	0.4220000	0.4047219	0.4047219	0.01	4.09	20.00	AVRG	
N,N-Dimethylaniline	1.9600000	1.8417885	1.8417885	0.01	6.03	20.00	AVRG	
2,3,7,8-TCDD (Screen)	0.1680000	0.1747268	0.1747268	0.01	-4.00	20.00	AVRG	
Benzaldehyde	0.5980000	0.3528360	0.3528360		41.00	20.00	AVRG	<-
Caprolactam	0.1230000	0.1322900	0.1322900		-7.55	20.00	AVRG	
Atrazine	0.2200000	0.2215664	0.2215664		-0.71	20.00	AVRG	
n-decane	1.1250000	1.1522737	1.1522737		-2.42	20.00	AVRG	
Coumarin	0.3330000	0.3334286	0.3334286		-0.13	20.00	AVRG	
n-Octadecane	0.5920000	0.5609313	0.5609313		5.25	20.00	AVRG	
o-Tricresylphosphate	0.3000000	0.3443556	0.3443556		-14.78	20.00	AVRG	

FORM VII SV-2

FORM 7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL EDISON Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N763

Instrument ID: BNAMS6 Calibration Date: 11/21/07 Time: 0715

Lab File ID: M31441 Init. Calib. Date(s): 11/17/07 11/17/07

Init. Calib. Times: 1553 1748

GC Column: DB-5 ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Carbamazepine	0.5030000	0.4273146	0.4273146		15.05	20.00	AVRG	
1-Methylnaphthalene	0.6160000	0.5875232	0.5875232		4.62	20.00	AVRG	
2-Fluorophenol (SUR)	1.1200000	1.2213320	1.2213320		-9.05	20.00	AVRG	
Phenol-d5 (SUR)	1.4000000	1.5999594	1.5999594		-14.28	20.00	AVRG	
2,4,6-Tribromophenol (SUR)	0.1470000	0.1842643	0.1842643		-25.35	20.00	AVRG	<-
Nitrobenzene-d5 (SUR)	0.3470000	0.3740949	0.3740949		-7.81	20.00	AVRG	
2-Fluorobiphenyl (SUR)	1.1270000	1.0659052	1.0659052		5.42	20.00	AVRG	
Terphenyl-d14	0.8510000	0.7955673	0.7955673		6.51	20.00	AVRG	

Average %D/%Drift test result.

Calculate Average %D/%Drift: 7.770030499
Maximum Average %D/%Drift: 20.00000000

Note: Passes Average %D/%Drift Test.

Surrogate Compound Recovery Summary

SEMI-VOLATILE SURROGATE RECOVERY
METHOD 8270C

Matrix: SOIL Level: LOW Lab Job No: N763

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 (TPH) #	TOT OUT
01	SB324	67	68	98	67	60	50	0
02	878527	68	68	97	68	65	50	0
03	878527MS	71	71	96	67	63	48	0
04	878527MSD	75	78	101	75	68	55	0
05	878526	66	68	85	64	57	49	0
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

			QC LIMITS
S1		= 2-Fluorophenol	(37-113)
S2		= Phenol-d5	(44-111)
S3		= 2,4,6-Tribromophenol	(41-123)
S4		= Nitrobenzene-d5	(49-104)
S5		= 2-Fluorobiphenyl	(44-121)
S6	(TPH)	= Terphenyl-d14	(38-159)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Spike Recovery Summary

SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8270C

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 878527

MS Sample from Lab Job No: N763

QA Batch: 6424

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	7200	0.00	5000	69	45-108
2-Chlorophenol	7200	0.00	4800	67	49-118
2-Methylphenol	7200	0.00	4800	67	51-110
4-Chloro-3-methylphenol	7200	0.00	4900	68	53-115
2,4,6-Trichlorophenol	7200	0.00	5400	75	49-114
4-Nitrophenol	7200	0.00	6100	85	58-120
Pentachlorophenol	7200	0.00	6200	86	28-127
1,4-Dichlorobenzene	3600	0.00	2100	58	43-104
N-Nitroso-di-n-propylami	3600	0.00	2200	61	47-117
1,2,4-Trichlorobenzene	3600	0.00	2400	67	46-112
2-Methylnaphthalene	3600	0.00	2300	64	44-114
Acenaphthene	3600	0.00	2600	72	51-116
2,4-Dinitrotoluene	3600	0.00	2900	81	58-121
Carbazole	3600	0.00	2900	81	58-110
Pyrene	3600	0.00	2200	61	24-167
Diphenyl	3600	0.00	2400	67	52-108

Compound	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	7200	5400	75	8	40	45-108
2-Chlorophenol	7200	5200	72	8	40	49-118
2-Methylphenol	7200	4900	68	2	40	51-110
4-Chloro-3-methylphenol	7200	5800	81	17	40	53-115
2,4,6-Trichlorophenol	7200	5500	76	2	40	49-114
4-Nitrophenol	7200	6100	85	0	40	58-120
Pentachlorophenol	7200	6600	92	6	40	28-127
1,4-Dichlorobenzene	3600	2200	61	5	40	43-104
N-Nitroso-di-n-propylami	3600	2400	67	9	40	47-117
1,2,4-Trichlorobenzene	3600	2500	69	4	40	46-112
2-Methylnaphthalene	3600	2400	67	4	40	44-114
Acenaphthene	3600	2800	78	7	40	51-116
2,4-Dinitrotoluene	3600	3200	89	10	40	58-121
Carbazole	3600	3200	89	10	40	58-110
Pyrene	3600	2500	69	13	40	24-167
Diphenyl	3600	2400	67	0	40	52-108

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 16 outside limits
Spike Recovery: 0 out of 32 outside limits

COMMENTS: _____

Internal Standard Area and RT Summary

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M31441 Date Analyzed: 11/21/07

Instrument ID: BNAMS6 Time Analyzed: 0715

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (CRY) AREA	#	RT	#
	12 HOUR STD	256085		5.92		1004684		7.25		762333		13.43	
	UPPER LIMIT	512170		6.42		2009368		7.75		1524666		13.93	
	LOWER LIMIT	128042		5.42		502342		6.75		381166		12.93	
	LABORATORY SAMPLE NO.												
01	SB324	280239		5.92		1020168		7.25		1058479		13.42	
02	878527	275516		5.91		1022782		7.24		1031968		13.42	
03	878527MS	293917		5.92		1128992		7.25		1032033		13.43	
04	878527MSD	274928		5.92		1057246		7.25		928636		13.43	
05	878526	275708		5.91		1030818		7.25		1051178		13.43	
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M31441 Date Analyzed: 11/21/07

Instrument ID: BNAMS6 Time Analyzed: 0715

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	589753		9.06		794135		10.55		554971		15.48	
	UPPER LIMIT	1179506		9.56		1588270		11.05		1109942		15.98	
	LOWER LIMIT	294876		8.56		397068		10.05		277486		14.98	
	LABORATORY SAMPLE NO.												
01	SB324	657384		9.06		946120		10.55		554838		15.48	
02	878527	652512		9.06		962212		10.55		531675		15.47	
03	878527MS	720714		9.06		1007505		10.56		520521		15.48	
04	878527MSD	680951		9.06		927569		10.56		478691		15.48	
05	878526	684279		9.06		958047		10.56		531553		15.48	
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

GC Forms and Data

Method 8081 (Pesticides) Results Summary

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample ID: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/27/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC4.i
Front File ID: wf678310.d
Rear File ID: wr678310.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PESTICIDES - GC/ECD
METHOD 8081A

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aldrin	ND	7.2	R
alpha-BHC	ND	7.2	R
beta-BHC	ND	7.2	R
delta-BHC	ND	7.2	R
gamma-BHC (Lindane)	ND	7.2	R
Chlordane	ND	72	R
4,4'-DDD	ND	7.2	R
4,4'-DDE	ND	7.2	R
4,4'-DDT	ND	7.2	R
Dieldrin	ND	7.2	R
Endosulfan I	ND	7.2	R
Endosulfan II	ND	7.2	R
Endosulfan sulfate	ND	7.2	R
Endrin	ND	7.2	R
Endrin aldehyde	ND	7.2	R
Endrin ketone	ND	7.2	R
Heptachlor	ND	7.2	R
Heptachlor epoxide	ND	7.2	R
Methoxychlor	ND	7.2	R
Toxaphene	ND	72	R

Client ID: **Fill-1**
Site: National Grid

Lab Sample ID: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/27/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC4.i
Front File ID: wf678302.d
Rear File ID: wr678302.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PESTICIDES - GC/ECD
METHOD 8081A

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aldrin	ND	7.2	R
alpha-BHC	ND	7.2	R
beta-BHC	ND	7.2	R
delta-BHC	ND	7.2	R
gamma-BHC (Lindane)	ND	7.2	R
Chlordane	ND	72	R
4,4'-DDD	ND	7.2	R
4,4'-DDE	ND	7.2	R
4,4'-DDT	ND	7.2	R
Dieldrin	ND	7.2	R
Endosulfan I	ND	7.2	R
Endosulfan II	ND	7.2	R
Endosulfan sulfate	ND	7.2	R
Endrin	ND	7.2	R
Endrin aldehyde	ND	7.2	R
Endrin ketone	ND	7.2	R
Heptachlor	ND	7.2	R
Heptachlor epoxide	ND	7.2	R
Methoxychlor	ND	7.2	R
Toxaphene	ND	72	R

QA Summary

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: N763

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	S2 1 %REC	#	S2 2 %REC	#	TOT OUT
01	878527	77		86		93		89		0
02	SP324	83		91		94		90		0
03	878527MS	44				55				0
04	878527MSD	76				85				0
05	878526	103		108		115		113		0
06	6239BS	80				90				0
07										
08										
09										
10										
11										
12										
13										
14										
15										
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		ADVISORY QC LIMITS
S1	= Tetrachloro-m-xylene(s	(40-142)
S2	= Decachlorobiphenyl(sur	(45-164)

\# Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC BLANK SPIKE RECOVERY
METHOD 8081

QA Batch: 6239

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aldrin	130	110	85	66-125
alpha-BHC	130	110	85	62-136
beta-BHC	130	110	85	58-139
delta-BHC	130	120	92	71-135
gamma-BHC (Lindane)	130	110	85	63-135
4,4'-DDD	130	120	92	56-151
4,4'-DDE	130	120	92	62-138
4,4'-DDT	130	110	85	48-138
Dieldrin	130	110	85	50-141
Endosulfan I	130	110	85	48-139
Endosulfan II	130	110	85	60-130
Endosulfan sulfate	130	110	85	58-127
Endrin	130	110	85	65-136
Endrin aldehyde	130	110	85	54-135
Endrin ketone	130	110	85	60-130
Heptachlor	130	110	85	46-138
Heptachlor epoxide	130	110	85	65-130
Methoxychlor	130	110	85	40-132
gamma-Chlordane	130	110	85	64-133
alpha-Chlordane	130	110	85	55-137

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 20 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8081A

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 878527

MS Sample from Lab Job No: N763

QA Batch: 6239

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aldrin	140	0.00	76	54*	66-125
alpha-BHC	140	0.00	77	55*	62-136
beta-BHC	140	0.00	79	56*	58-139
delta-BHC	140	0.00	81	58*	71-135
gamma-BHC (Lindane)	140	0.00	78	56*	63-135
4,4'-DDD	140	0.00	84	60	56-151
4,4'-DDE	140	0.00	80	57*	62-138
4,4'-DDT	140	0.00	81	58	48-138
Dieldrin	140	0.00	77	55	50-141
Endosulfan I	140	0.00	78	56	48-139
Endosulfan II	140	0.00	78	56*	60-130
Endosulfan sulfate	140	0.00	80	57*	58-127
Endrin	140	0.00	80	57*	65-136
Endrin aldehyde	140	0.00	82	59	54-135
Endrin ketone	140	0.00	90	64	60-130
Heptachlor	140	0.00	77	55	46-138
Heptachlor epoxide	140	0.00	77	55*	65-130
Methoxychlor	140	0.00	84	60	40-132
gamma-Chlordane	140	0.00	80	57*	64-133
alpha-Chlordane	140	0.00	77	55	55-137

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8081A

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 878527

MS Sample from Lab Job No: N763

QA Batch: 6239

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aldrin	140	120	86	45*	22	66-125
alpha-BHC	140	120	86	44*	21	62-136
beta-BHC	140	110	79	33*	22	58-139
delta-BHC	140	120	86	39*	24	71-135
gamma-BHC (Lindane)	140	120	86	42*	22	63-135
4,4'-DDD	140	130	93	43*	24	56-151
4,4'-DDE	140	120	86	40*	25	62-138
4,4'-DDT	140	120	86	39*	36	48-138
Dieldrin	140	120	86	44*	23	50-141
Endosulfan I	140	120	86	42*	24	48-139
Endosulfan II	140	120	86	42*	22	60-130
Endosulfan sulfate	140	120	86	40*	22	58-127
Endrin	140	120	86	40*	25	65-136
Endrin aldehyde	140	120	86	38*	23	54-135
Endrin ketone	140	120	86	29*	22	60-130
Heptachlor	140	120	86	44*	24	46-138
Heptachlor epoxide	140	110	79	35*	21	65-130
Methoxychlor	140	120	86	35*	27	40-132
gamma-Chlordane	140	120	86	40*	29	64-133
alpha-Chlordane	140	110	79	35*	26	55-137

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 20 out of 20 outside limits
Spike Recovery: 11 out of 40 outside limits

COMMENTS: Blank spike recoveries within QC limits

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP324

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC4

Date Analyzed: 11/27/07

Time Analyzed: 1322

Lab File ID: WR678303

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	Fill-1	878527	wr678302.d	11/27/07
02	Fill-1MS	878527MS	wr678307.d	11/27/07
03	Fill-1MSD	878527MSD	wr678308.d	11/27/07
04	F-Dup-1	878526	wr678310.d	11/27/07
05	6239BS	6239BS	wr678312.d	11/27/07
06				
07				
08				
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30				

COMMENTS:

Client ID: **SP324**
Site:

Lab Sample ID: **SP324**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Extracted: 11/20/07
Date Analyzed: 11/27/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC4.i
Front File ID: wf678303.d
Rear File ID: wr678303.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 0

ORGANOCHLORINE PESTICIDES - GC/ECD
METHOD 8081A

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aldrin	ND	6.7	R
alpha-BHC	ND	6.7	R
beta-BHC	ND	6.7	R
delta-BHC	ND	6.7	R
gamma-BHC (Lindane)	ND	6.7	R
4,4'-DDD	ND	6.7	R
4,4'-DDE	ND	6.7	R
4,4'-DDT	ND	6.7	R
Dieldrin	ND	6.7	R
Endosulfan I	ND	6.7	R
Endosulfan II	ND	6.7	R
Endosulfan sulfate	ND	6.7	R
Endrin	ND	6.7	R
Endrin aldehyde	ND	6.7	R
Endrin ketone	ND	6.7	R
Heptachlor	ND	6.7	R
Heptachlor epoxide	ND	6.7	R
Methoxychlor	ND	6.7	R
Toxaphene	ND	67	R
gamma-Chlordane	ND	6.7	R
alpha-Chlordane	ND	6.7	R

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b,
as of 12/05/2007 18:26)

Instrument ID: PESTGC4.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 11/27/07 to 11/27/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 9.583

Lab Sample ID	Data File	Injection Time	RT	DLT RT
878527	wr678302.d	27-NOV-2007 13:06	9.587	0.004
SP324	wr678303.d	27-NOV-2007 13:22	9.587	0.004

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b, as of 12/05/2007 18:26)

Instrument ID: PESTGC4.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 11/27/07 to 11/27/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.543

Lab Sample ID	Data File	Injection Time	RT	DLT RT
878527	wf678302.d	27-NOV-2007 13:06	10.543	0.000
SP324	wf678303.d	27-NOV-2007 13:22	10.543	0.000

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b, as of 12/05/2007 18:26)

Instrument ID: PESTGC4.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 11/27/07 to 11/27/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 9.583

Lab Sample ID	Data File	Injection Time	RT	DLT RT
878527MS	wr678307.d	27-NOV-2007 14:26	9.587	0.004
878527MSD	wr678308.d	27-NOV-2007 14:42	9.587	0.004
878526	wr678310.d	27-NOV-2007 15:14	9.587	0.004
6239BS	wr678312.d	27-NOV-2007 15:46	9.587	0.004

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07g.b,
as of 12/05/2007 18:26)

Instrument ID: PESTGC4.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 11/27/07 to 11/27/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.543

Lab Sample ID	Data File	Injection Time	RT	DLT RT
878526	wf678310.d	27-NOV-2007 15:14	10.547	0.004

D = Surrogate diluted out.

Analytical Sequence

GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC4.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
1	END/DDT_00005A		wr678200.d	END/DDT	11/26/07	0613
2	SGPESTL3_00004A		wr678201.d	CALIB_3	11/26/07	0629
3	SGPESTL1_00004A		wr678202.d	CALIB_1	11/26/07	0645
4	SGPESTL2_00004A		wr678203.d	CALIB_2	11/26/07	0701
5	SGPESTL4_00004A		wr678204.d	CALIB_4	11/26/07	0717
6	SGPESTL5_00004A		wr678205.d	CALIB_5	11/26/07	0733
7	CHLORL3_00003A		wr678206.d	CALIB_3	11/26/07	0749
8	TOXL3_00003A		wr678207.d	CALIB_3	11/26/07	0805
9	SGPESTL3_00004f		wr678288.d	CCALIB_3	11/27/07	0916
10	END/DDT_00005f		wr678289.d	END/DDT	11/27/07	0932
11	878527	Fill-1	wr678302.d	SAMPLE	11/27/07	1306
12	SP324		wr678303.d	BLANK	11/27/07	1322
13	SGPESTL3_00004g		wr678305.d	CCALIB_3	11/27/07	1354
14	END/DDT_00005g		wr678306.d	END/DDT	11/27/07	1410
15	878527MS	Fill-1MS	wr678307.d	MS	11/27/07	1426
16	878527MSD	Fill-1MSD	wr678308.d	MSD	11/27/07	1442
17	878526	F-Dup-1	wr678310.d	SAMPLE	11/27/07	1514
18	SGPESTL3_00004h		wr678328.d	CCALIB_3	11/27/07	2002

Raw Data

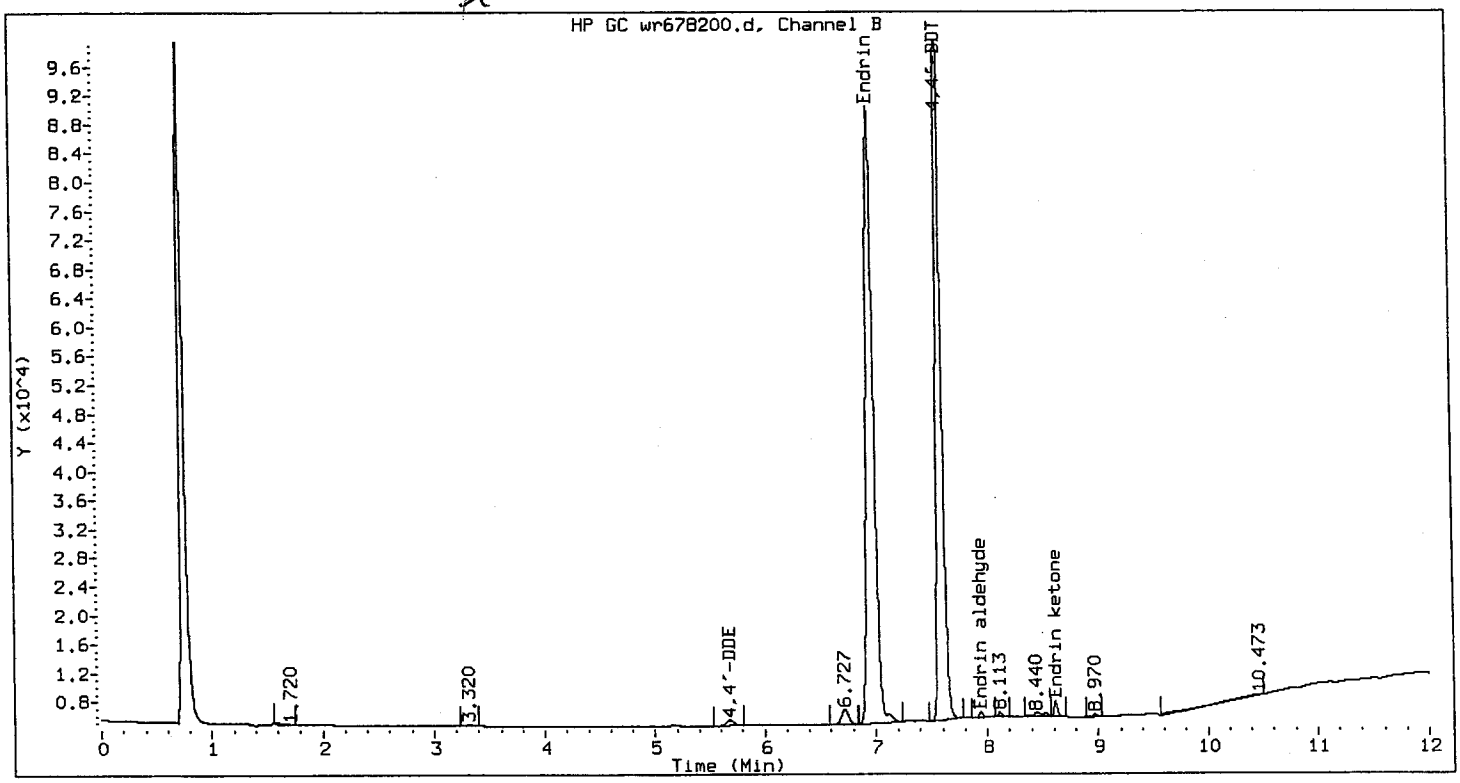
Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/06Wr8081.m
Sample Info : END/DDT_00005A
Lab ID : END/DDT_00005A
Inj Date : 26-NOV-2007 06:13
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	1.14%
Endrin	1.92%

Report Date 11/26/2007 08:43



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/06Wr8081.m
Sample Info : END/DDT_00005A
Lab ID : END/DDT_00005A
Inj Date : 26-NOV-2007 06:13
Operator : 281
Cpnd Sublist: END_DDT
Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: END/DDT

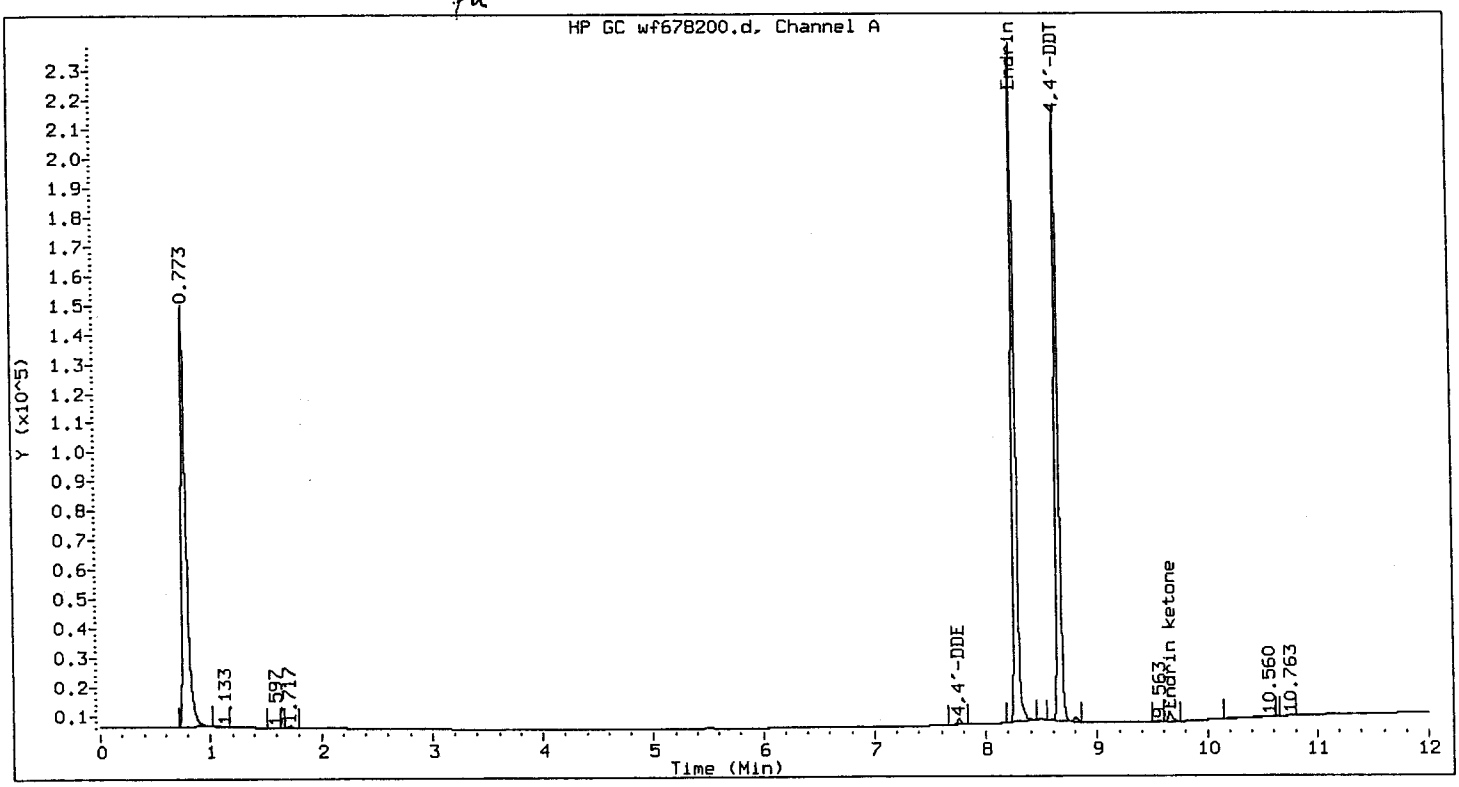
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
4,4'-DDE	5.680	5.660	0.020	4072	2.612	1.742
4,4'-DDT	7.587	7.583	0.003	354622	255.082	170.055
Endrin	6.970	6.957	0.013	406200	267.122	178.081
Endrin aldehyde	7.943	7.937	0.007	2340	1.903	1.269
Endrin ketone	8.613	8.610	0.003	5595	3.627	2.418

Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/06Wf8081.m
Sample Info : END/DDT_00005A
Lab ID : END/DDT_00005A
Inj Date : 26-NOV-2007 06:13
Operator : 281
Cpnd Sublist: END_DDT
Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	1.27%
Endrin	1.79%

Report Date 11/26/2007 08:43



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/06Wf8081.m
Sample Info : END/DDT_00005A
Lab ID : END/DDT_00005A
Inj Date : 26-NOV-2007 06:13
Operator : 281
Cpnd Sublist: END_DDT
Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: END/DDT

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
4,4'-DDE	7.760	7.750	0.010	5365	2.493	1.662
4,4'-DDT	8.657	8.653	0.003	417675	246.109	164.073
Endrin	8.273	8.270	0.003	493812	253.927	169.285
Endrin ketone	9.657	9.650	0.007	9008	4.362	2.908

INITIAL CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b, as of 11/26/2007 08:34)

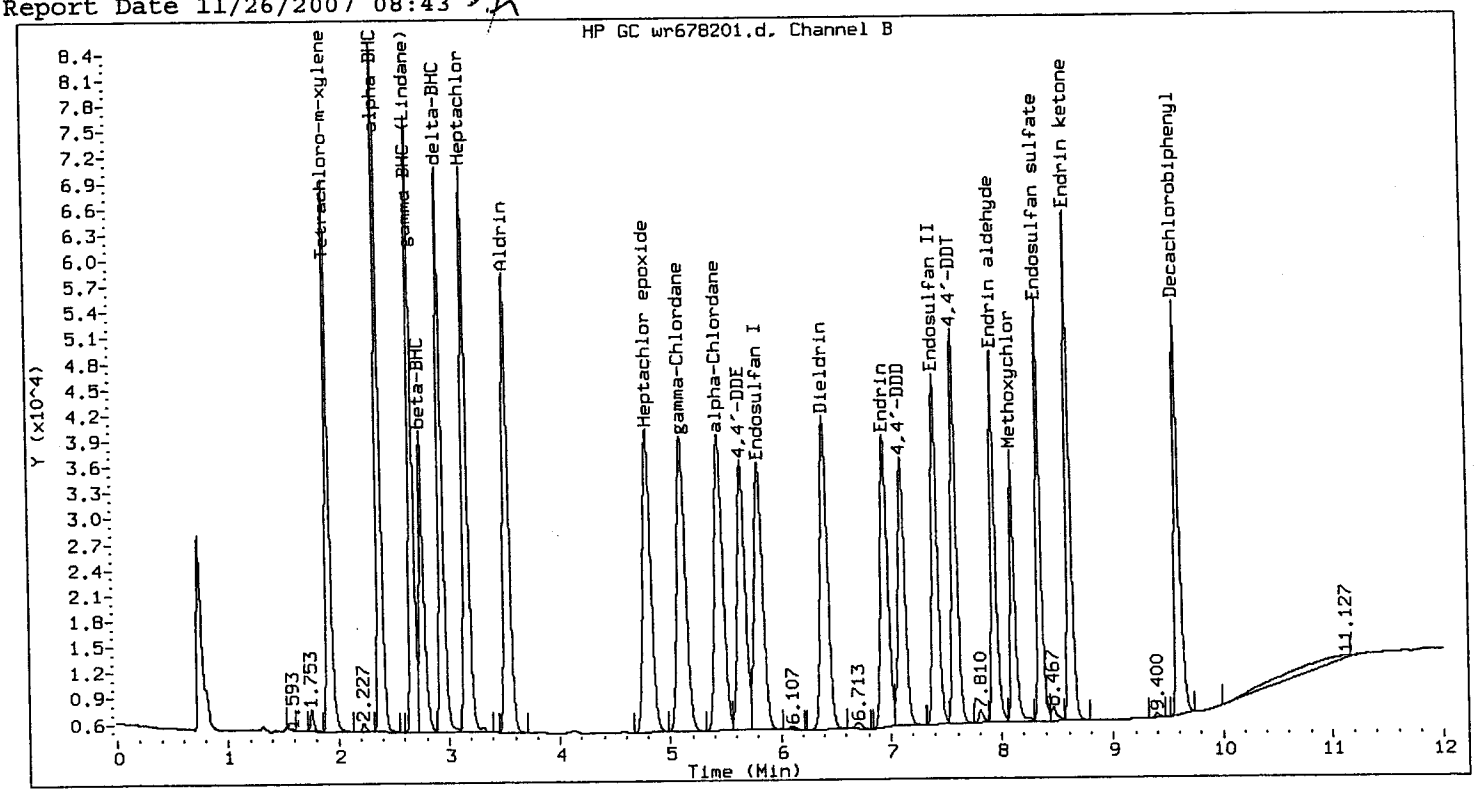
Calibration Files:

/chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678202.d
/chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678203.d
/chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678201.d
/chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678204.d
/chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678205.d

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Average RRF	%RSD
Aldrin	1696.800	1761.420	1835.310	1779.240	1813.506	1777.255	3.005
alpha-BHC	1837.900	1986.280	2046.570	1958.460	1978.064	1961.455	3.900
beta-BHC	1134.400	1041.900	1037.850	953.524	961.176	1025.770	7.164
delta-BHC	1602.400	1661.880	1811.770	1739.264	1785.634	1720.190	5.060
gamma-BHC (Lindane)	1772.900	1827.920	1865.860	1744.932	1738.010	1789.924	3.088
4,4'-DDD	1183.200	1263.900	1370.150	1386.660	1395.946	1319.971	7.045
4,4'-DDE	1478.300	1475.480	1575.840	1605.364	1658.652	1558.727	5.158
4,4'-DDT	1293.000	1365.700	1448.380	1423.328	1420.734	1390.228	4.472
Dieldrin	1677.100	1669.360	1747.330	1714.440	1753.846	1712.415	2.269
Endosulfan I	1719.600	1652.180	1673.960	1629.852	1628.972	1660.913	2.268
Endosulfan II	1487.200	1458.740	1490.850	1432.932	1412.848	1456.514	2.325
Endosulfan sulfate	1294.900	1250.280	1294.810	1232.136	1210.736	1256.572	2.996
Endrin	1476.700	1489.300	1559.650	1533.592	1544.020	1520.652	2.359
Endrin aldehyde	1385.800	1220.880	1254.210	1162.808	1123.632	1229.466	8.212
Endrin ketone	1592.200	1572.560	1586.910	1489.284	1471.354	1542.462	3.730
Heptachlor	1977.200	1931.980	1990.030	1849.852	1858.486	1921.510	3.394
Heptachlor epoxide	1890.400	1810.860	1836.700	1746.140	1752.412	1807.302	3.335
Methoxychlor	838.100	794.640	873.010	773.244	723.224	800.444	7.236
gamma-Chlordane	2016.900	1832.120	1843.290	1773.500	1785.948	1850.352	5.280
alpha-Chlordane	1936.600	1842.500	1838.780	1751.648	1744.296	1822.765	4.322
Tetrachloro-m-xylene(surr)	1826.200	1762.880	1686.100	1636.053	1585.625	1699.372	5.678
Decachlorobiphenyl(surr)	1831.320	1591.780	1449.280	1407.607	1356.025	1527.202	12.524

Total RSD Sum : 104.82
Total Number of Compounds: 22
Average of RSDs : 4.76

Report Date 11/26/2007 08:43



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/06Wr8081.m
Sample Info : SGPESTL3_00004A
Lab ID : SGPESTL3_00004A
Inj Date : 26-NOV-2007 06:29
Operator : 281
Cpnd Sublist: SCpestRANGE

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aldrin	3.533	3.533	0.000	183531	103.267	103.267
alpha-BHC	2.373	2.373	0.000	204657	104.339	104.339
beta-BHC	2.760	2.760	0.000	103785	101.178	101.178
delta-BHC	2.940	2.940	0.000	181177	105.324	105.324
gamma-BHC (Lindane)	2.670	2.670	0.000	186586	104.242	104.242
4,4'-DDD	7.110	7.110	0.000	137015	103.802	103.802
4,4'-DDE	5.660	5.660	0.000	157584	101.098	101.098
4,4'-DDT	7.583	7.583	0.000	144838	104.183	104.183
Dieldrin	6.413	6.413	0.000	174733	102.039	102.039

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Endosulfan I		5.817	5.817	0.000	167396	100.786	100.786
Endosulfan II		7.410	7.410	0.000	149085	102.357	102.357
Endosulfan sulfate	(M)	8.347	8.347	0.000	129481	103.043	103.043
Endrin		6.957	6.957	0.000	155965	102.565	102.565
Endrin aldehyde		7.937	7.937	0.000	125421	102.013	102.013
Endrin ketone		8.610	8.610	0.000	158691	102.882	102.882
Heptachlor		3.163	3.163	0.000	199003	103.566	103.566
Heptachlor epoxide		4.807	4.807	0.000	183670	101.627	101.627
Methoxychlor		8.107	8.107	0.000	87301	109.066	109.066
gamma-Chlordane		5.113	5.113	0.000	184329	99.618	99.618
alpha-Chlordane		5.453	5.453	0.000	183878	100.879	100.879
Tetrachloro-m-xylene(surr)		1.910	1.910	0.000	168610	99.219	99.219
Decachlorobiphenyl(surr)		9.590	9.590	0.000	144928	94.898	94.898

COMMENTS:

M - Compound response manually integrated.

INITIAL CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b, as of 11/26/2007 08:35)

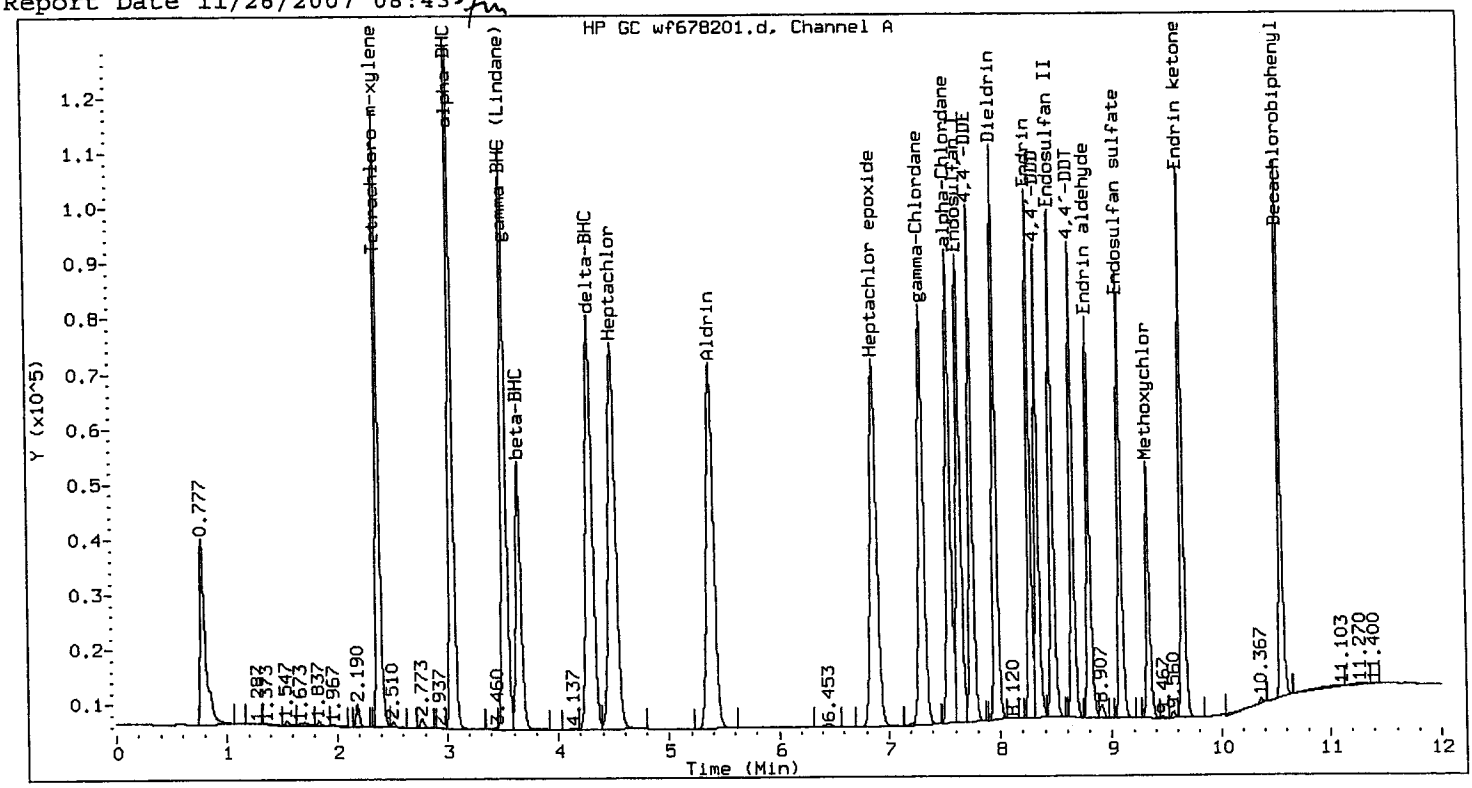
Calibration Files:

/chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678202.d
/chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678203.d
/chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678201.d
/chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678204.d
/chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678205.d

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Average RRF	%RSD
Aldrin	3460.800	3134.080	3140.800	3039.476	3066.772	3168.386	5.337
alpha-BHC	3283.400	3324.120	3252.270	3105.360	3126.932	3218.416	3.016
beta-BHC	1733.100	1619.740	1546.370	1410.080	1387.176	1539.293	9.410
delta-BHC	2864.100	3084.480	3177.800	3089.648	3138.930	3070.992	3.967
gamma-BHC (Lindane)	2913.300	3053.560	3000.400	2843.712	2857.876	2933.770	3.100
4,4'-DDD	1808.500	1766.940	1803.050	1714.764	1778.366	1774.324	2.111
4,4'-DDE	2113.100	2178.720	2199.770	2112.568	2156.344	2152.100	1.812
4,4'-DDT	1697.700	1690.660	1730.690	1650.584	1715.922	1697.111	1.789
Dieldrin	2285.300	2286.340	2267.360	2188.472	2235.008	2252.496	1.837
Endosulfan I	2424.900	2349.180	2315.220	2209.868	2215.674	2302.968	3.970
Endosulfan II	2220.100	2001.540	1949.670	1871.552	1898.274	1988.227	6.984
Endosulfan sulfate	1943.400	1770.740	1741.480	1652.152	1699.178	1761.390	6.310
Endrin	2047.400	1954.860	1958.390	1870.800	1892.050	1944.700	3.551
Endrin aldehyde	1934.700	1620.600	1578.000	1466.004	1486.626	1617.186	11.662
Endrin ketone	2342.000	2112.100	2047.350	1895.952	1928.298	2065.140	8.612
Heptachlor	3225.600	3251.960	3305.570	3097.312	3120.724	3200.233	2.765
Heptachlor epoxide	3033.700	2897.120	2841.940	2685.648	2683.262	2828.334	5.259
Methoxychlor	1096.800	997.060	995.080	876.380	902.374	973.539	9.001
gamma-Chlordane	2874.700	2713.340	2655.960	2510.408	2520.448	2654.971	5.671
alpha-Chlordane	2694.200	2497.200	2412.240	2224.164	2239.560	2413.473	8.074
Tetrachloro-m-xylene(surr)	2881.280	2677.720	2457.730	2424.813	2334.860	2555.281	8.671
Decachlorobiphenyl(surr)	2037.760	1686.540	1786.510	1446.293	1394.330	1670.287	15.702

Total RSD Sum : 128.61
Total Number of Compounds: 22
Average of RSDs : 5.85

Report Date 11/26/2007 08:43



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/06Wf8081.m
Sample Info : SGPESTL3_00004A
Lab ID : SGPESTL3_00004A
Inj Date : 26-NOV-2007 06:29
Operator : 281
Cpnd Sublist: SCpestRANGE

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aldrin	5.387	5.387	0.000	314080	99.129	99.129
alpha-BHC	3.050	3.050	0.000	325227	101.052	101.052
beta-BHC	3.647	3.647	0.000	154637	100.460	100.460
delta-BHC	4.297	4.297	0.000	317780	103.478	103.478
gamma-BHC (Lindane)	3.523	3.523	0.000	300040	102.271	102.271
4,4'-DDD	8.343	8.343	0.000	180305	101.619	101.619
4,4'-DDE	7.750	7.750	0.000	219977	102.215	102.215
4,4'-DDT	8.653	8.653	0.000	173069	101.979	101.979
Dieldrin	7.967	7.967	0.000	226736	100.660	100.660

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Endosulfan I		7.640	7.640	0.000	231522	100.532	100.532
Endosulfan II		8.470	8.470	0.000	194967	98.061	98.061
Endosulfan sulfate	(M)	9.080	9.080	0.000	174148	98.870	98.870
Endrin		8.270	8.270	0.000	195839	100.704	100.704
Endrin aldehyde		8.800	8.800	0.000	157800	97.577	97.577
Endrin ketone		9.650	9.650	0.000	204735	99.139	99.139
Heptachlor		4.500	4.500	0.000	330557	103.292	103.292
Heptachlor epoxide		6.877	6.877	0.000	284194	100.481	100.481
Methoxychlor		9.337	9.337	0.000	99508	102.213	102.213
gamma-Chlordane		7.307	7.307	0.000	265596	100.037	100.037
alpha-Chlordane		7.550	7.550	0.000	241224	99.949	99.949
Tetrachloro-m-xylene(surr)		2.377	2.377	0.000	245773	96.182	96.182
Decachlorobiphenyl(surr)		10.550	10.550	0.000	178651	106.958	106.958

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC4.i Column ID: StxCLP1 Primary Column

Midpoint Calibration File:

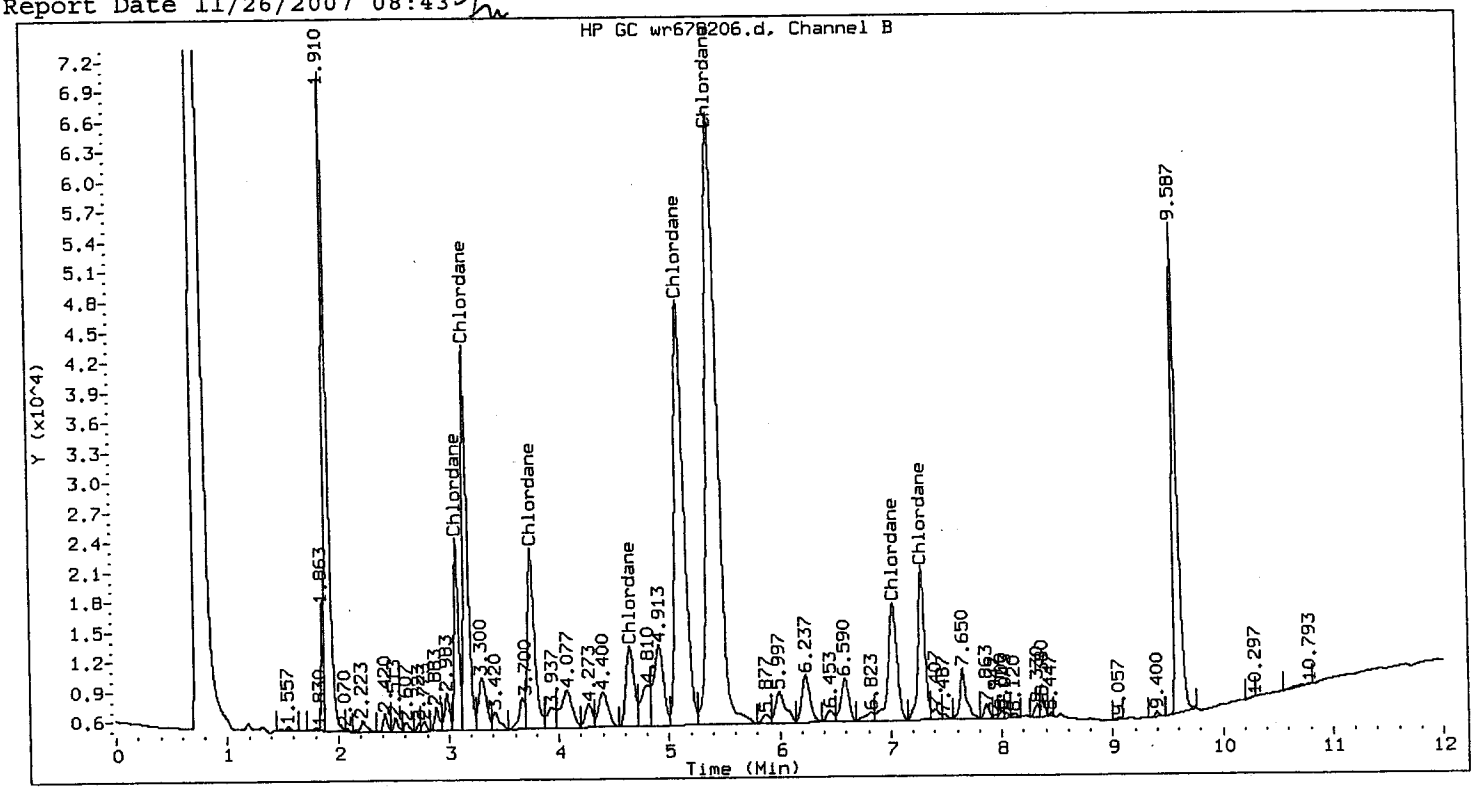
/chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678206.d

Compound	Midpoint Standard Response Factor
Chlordane	53.30
2	116.23
3	81.08
4	41.63
5	261.15
6	444.30
7	66.31
8	67.75

Comments:

+ = Multi-component peak not used in calibration of compound.

Data File: /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678206.d Page 1
Report Date 11/26/2007 08:43



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/06Wr8081.m
Sample Info : CHLORL3_00003A
Lab ID : CHLORL3_00003A
Inj Date : 26-NOV-2007 07:49
Operator : 281
Cpnd Sublist: CHLORDANE

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Chlordane	(M)	3.073	3.073	0.000	53300	1000.000	1000.000
(2)		3.160	3.160	0.000	116227	1000.000	1000.000
(3)		3.753	3.753	0.000	81083	1000.000	1000.000
(4)		4.647	4.647	0.000	41627	1000.000	1000.000
(5)		5.113	5.113	0.000	261148	1000.000	1000.000
(6)		5.423	5.423	0.000	444295	1000.000	1000.000
(7)		7.027	7.027	0.000	66312	1000.000	1000.000
(8)		7.283	7.283	0.000	67755	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

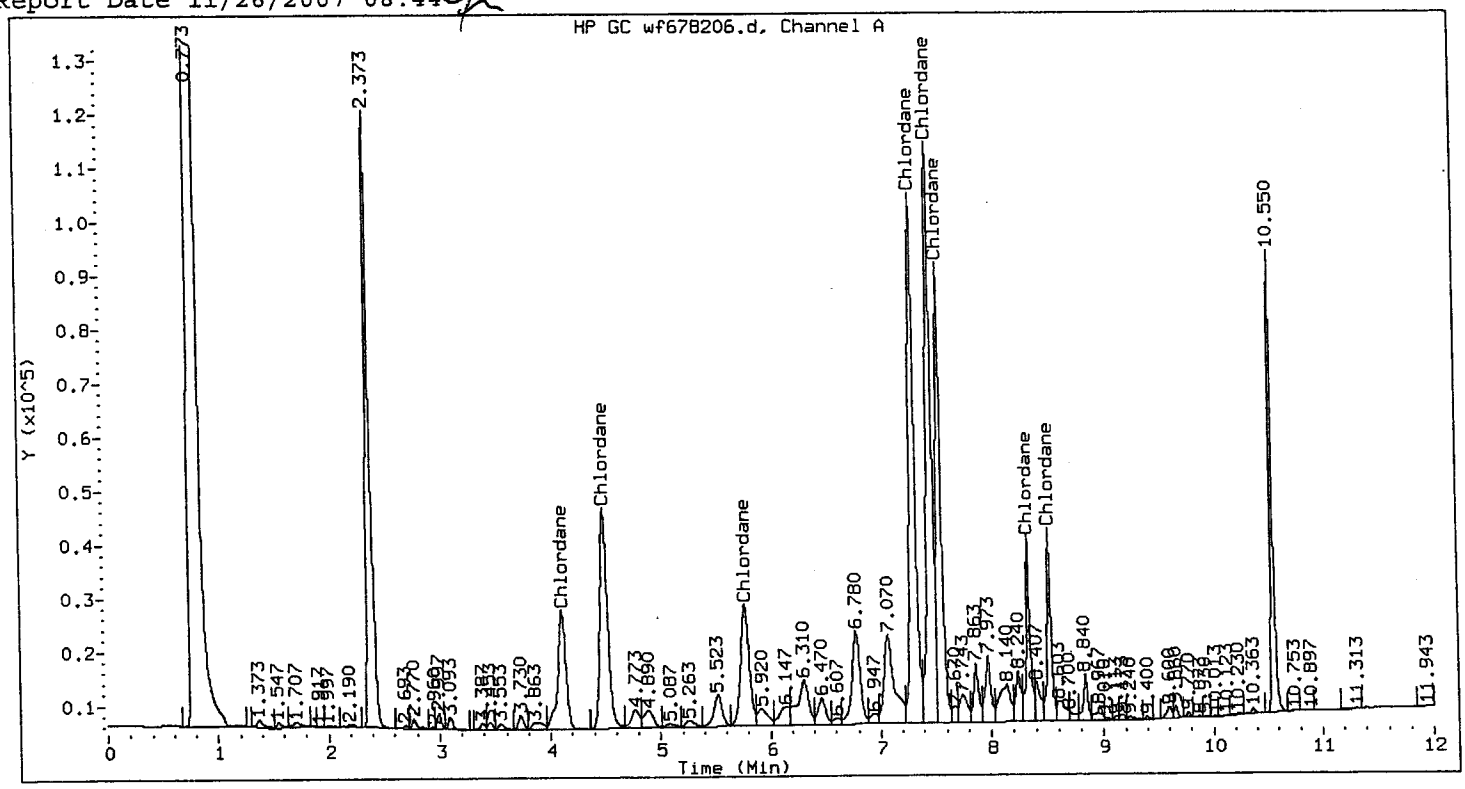
Instrument ID: PESTGC4.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

/chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678206.d

Compound	Midpoint Standard Response Factor
Chlordane	112.78
2	199.96
3	121.86
4	364.28
5	263.61
6	366.52
7	95.40
8	91.46

Comments:
+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/06Wf8081.m
Sample Info : CHLORL3_00003A
Lab ID : CHLORL3_00003A
Inj Date : 26-NOV-2007 07:49
Operator : 281
Cpnd Sublist: CHLORDANE

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Chlordane	(M)	4.113	4.113	0.000	112785	1000.000	1000.000
(2)		4.497	4.497	0.000	199964	1000.000	1000.000
(3)		5.770	5.770	0.000	121860	1000.000	1000.000
(4)		7.307	7.307	0.000	364281	1000.000	1000.000
(5)		7.550	7.550	0.000	263608	1000.000	1000.000
(6)		7.467	7.467	0.000	366520	1000.000	1000.000
(7)		8.340	8.340	0.000	95404	1000.000	1000.000
(8)		8.520	8.520	0.000	91460	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC4.i Column ID: StxCLP1 Primary Column

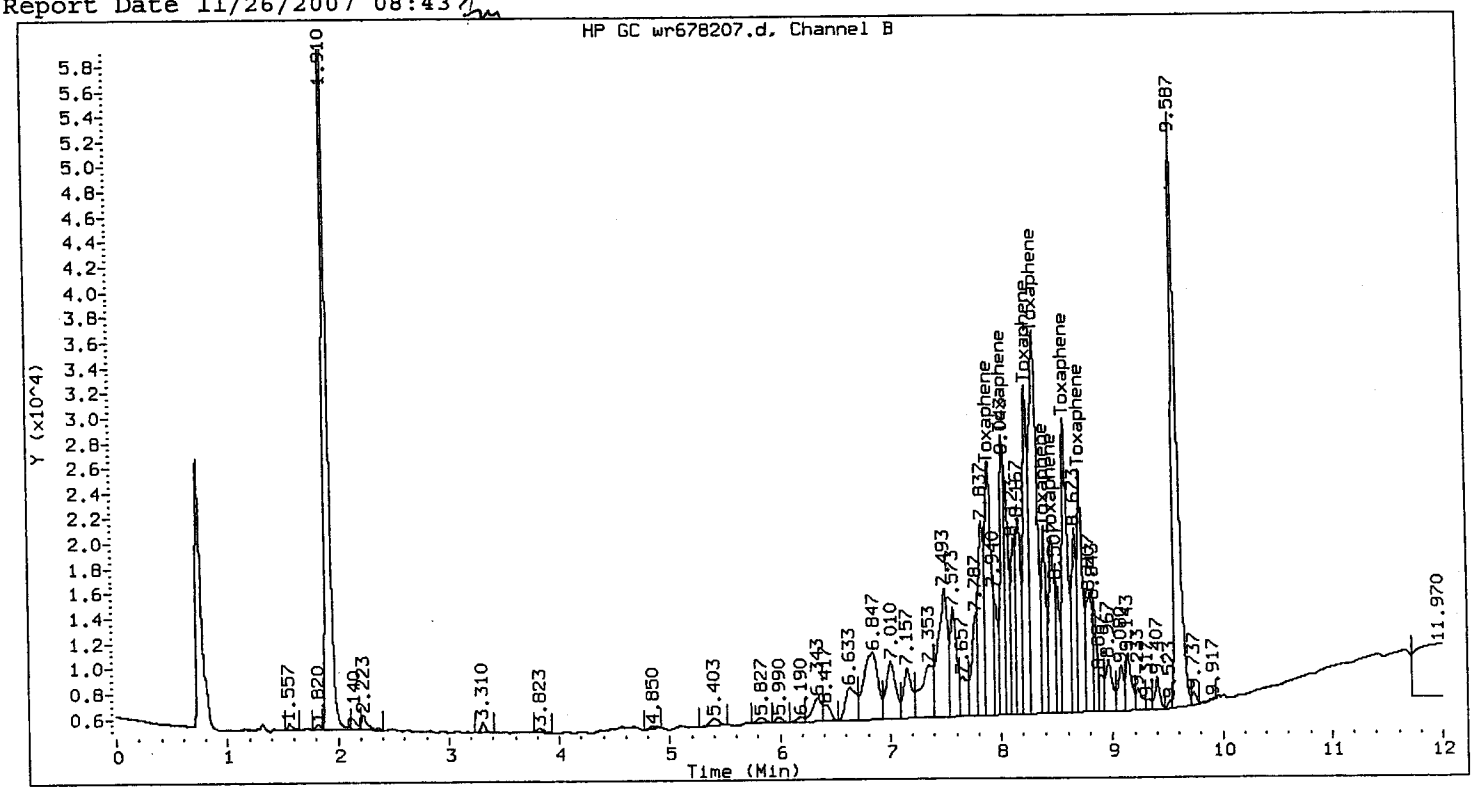
Midpoint Calibration File:

/chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678207.d

Compound	Midpoint Standard Response Factor
Toxaphene	75.21
2	55.24
3	87.32
4	145.20
5	40.05
6	47.15
7	84.86
8	59.98

Comments:
+ = Multi-component peak not used in calibration of compound.

Report Date 11/26/2007 08:43



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/06Wr8081.m
Sample Info : TOXL3_00003A
Lab ID : TOXL3_00003A
Inj Date : 26-NOV-2007 08:05
Operator : 281
Cpnd Sublist: TOXAPH0

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Toxaphene	(M)	7.900	7.900	0.000	75208	1000.000	1000.000
(2)		8.030	8.030	0.000	55241	1000.000	1000.000
(3)		8.240	8.240	0.000	87316	1000.000	1000.000
(4)		8.320	8.320	0.000	145198	1000.000	1000.000
(5)		8.400	8.400	0.000	40054	1000.000	1000.000
(6)		8.463	8.463	0.000	47148	1000.000	1000.000
(7)		8.580	8.580	0.000	84859	1000.000	1000.000
(8)		8.723	8.723	0.000	59977	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

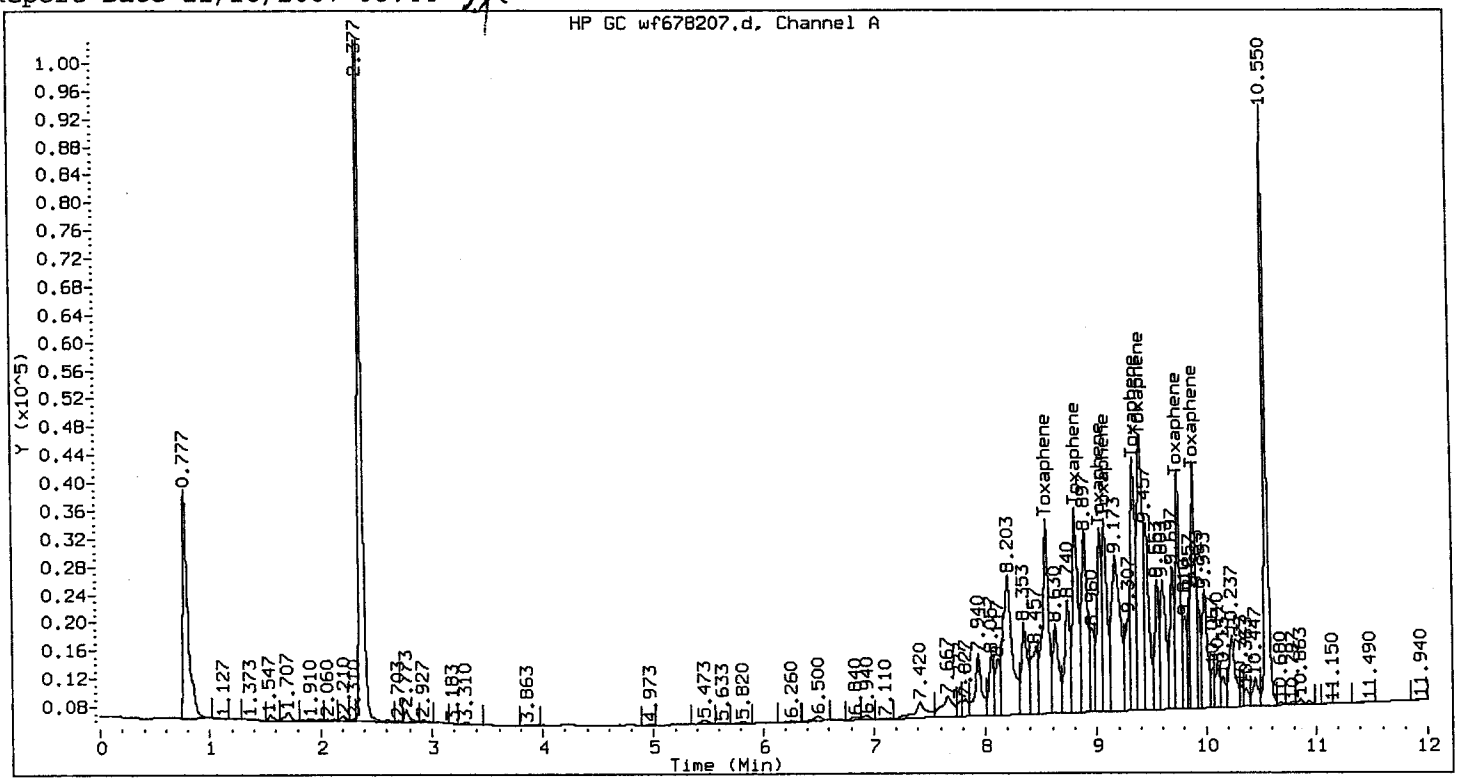
Instrument ID: PESTGC4.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

/chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678207.d

Compound	Midpoint Standard Response Factor
Toxaphene	103.93
2	97.31
3	75.42
4	75.42
5	109.09
6	145.83
7	93.76
8	95.11

Comments:
+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/06Wf8081.m
Sample Info : TOXL3_00003A
Lab ID : TOXL3_00003A
Inj Date : 26-NOV-2007 08:05
Operator : 281
Cpnd Sublist: TOXAPH0

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Toxaphene	(M)	8.547	8.547	0.000	103928	1000.000	1000.000
(2)		8.807	8.807	0.000	97305	1000.000	1000.000
(3)		9.033	9.033	0.000	75423	1000.000	1000.000
(4)		9.077	9.077	0.000	75423	1000.000	1000.000
(5)		9.343	9.343	0.000	109093	1000.000	1000.000
(6)		9.407	9.407	0.000	145832	1000.000	1000.000
(7)		9.747	9.747	0.000	93764	1000.000	1000.000
(8)		9.893	9.893	0.000	95108	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

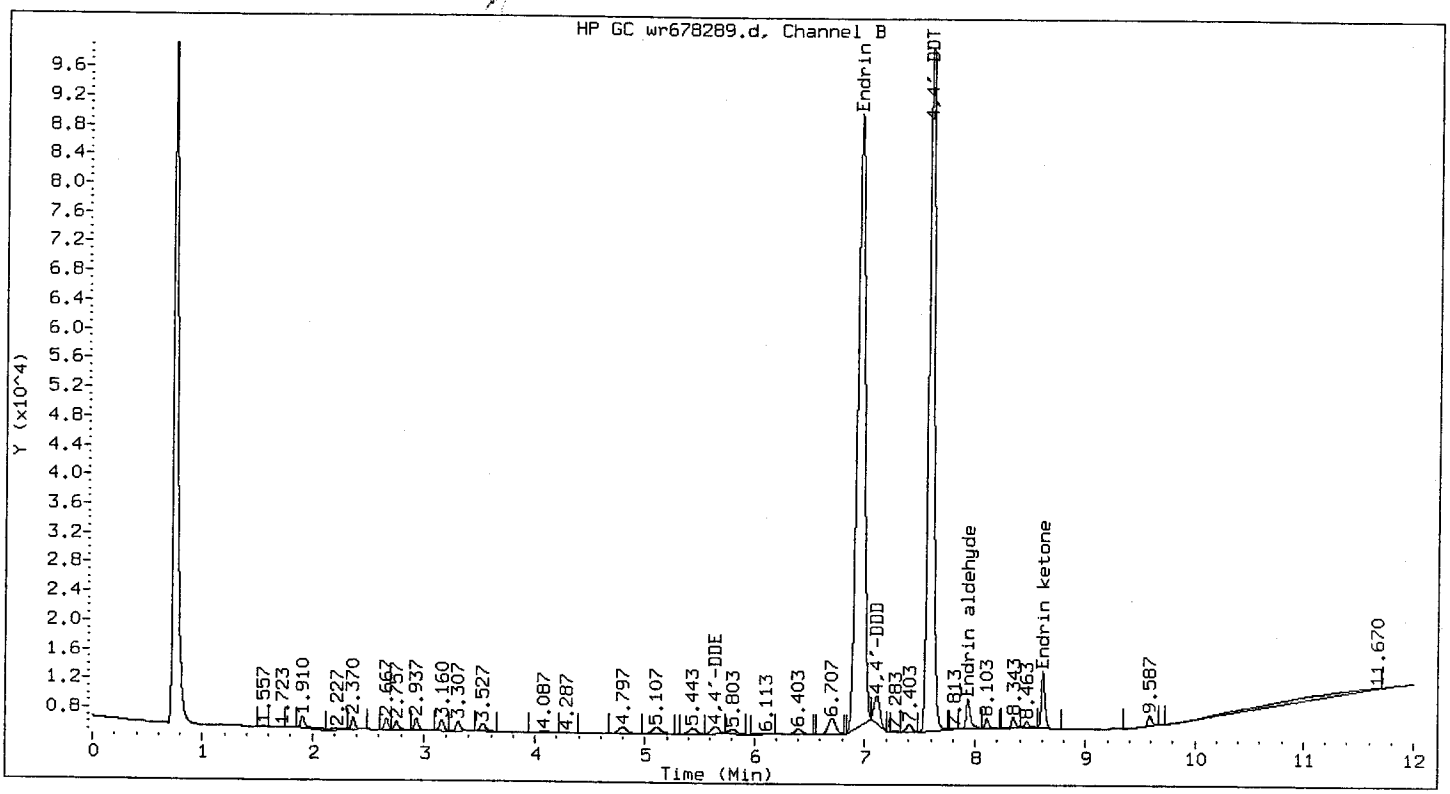
M - Compound response manually integrated.

Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b/06Wr8081.m
Sample Info : END/DDT_00005f
Lab ID : END/DDT_00005f
Inj Date : 27-NOV-2007 09:32
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	4.68%
Endrin	7.07%



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b/06Wr8081.m
Sample Info : END/DDT_00005f
Lab ID : END/DDT_00005f
Inj Date : 27-NOV-2007 09:32
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: END/DDT

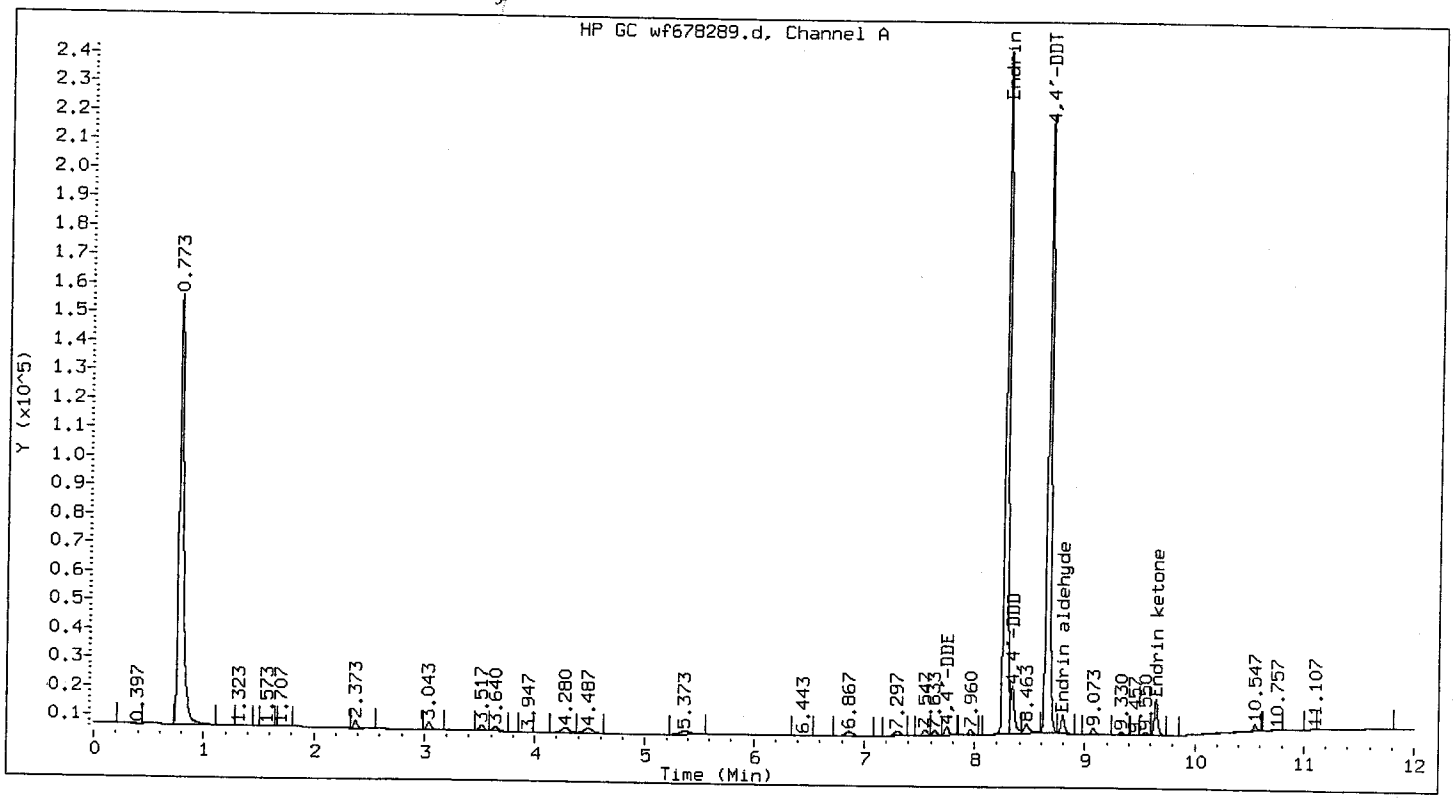
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
4,4'-DDD	7.107	7.103	0.003	13217	10.013	6.675
4,4'-DDE	5.650	5.650	0.000	4318	2.770	1.847
4,4'-DDT	7.577	7.577	0.000	357140	256.893	171.262
Endrin	6.950	6.950	0.000	395834	260.305	173.537
Endrin aldehyde	7.933	7.933	0.000	11292	9.184	6.123
Endrin ketone	8.607	8.607	0.000	18839	12.214	8.142

Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b/06Wf8081.m
Sample Info : END/DDT_00005f
Lab ID : END/DDT_00005f
Inj Date : 27-NOV-2007 09:32
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	10.24%
Endrin	7.65%



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b/06Wf8081.m
Sample Info : END/DDT_00005f
Lab ID : END/DDT_00005f
Inj Date : 27-NOV-2007 09:32
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: END/DDT

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
4,4'-DDD	8.337	8.337	0.000	41232	23.238	15.492
4,4'-DDE	7.747	7.743	0.003	7601	3.532	2.355
4,4'-DDT	8.647	8.647	0.000	428071	252.235	168.157
Endrin	8.263	8.263	0.000	506170	260.282	173.521
Endrin aldehyde	8.793	8.793	0.000	14971	9.257	6.172
Endrin ketone	9.647	9.643	0.003	26944	13.047	8.698

CONTINUING CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b, as of 11/27/2007 09:33)

Processing Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b/06Wr8081.m

DataFile : wr678288.d

Compound	Curve Type	RRF/CONC	CCAL RF/CONC	% DIFF/DRIFT	MAX %DIFF/DRIFT
Aldrin	Averaged	1777.255	1769.966	0.410	15
alpha-BHC	Averaged	1961.455	1983.793	1.139	15
beta-BHC	Averaged	1025.770	1012.730	1.271	15
delta-BHC	Averaged	1720.190	1784.840	3.758	15
gamma-BHC (Lindane)	Averaged	1789.924	1801.256	0.633	15
4,4'-DDD	Averaged	1319.971	1404.592	6.411	15
4,4'-DDE	Averaged	1558.727	1533.808	1.599	15
4,4'-DDT	Averaged	1390.228	1324.427	4.733	15
Dieldrin	Averaged	1712.415	1683.526	1.687	15
Endosulfan I	Averaged	1660.913	1608.816	3.137	15
Endosulfan II	Averaged	1456.514	1444.944	0.794	15
Endosulfan sulfate	Averaged	1256.572	1290.314	2.685	15
Endrin	Averaged	1520.652	1469.546	3.361	15
Endrin aldehyde	Averaged	1229.466	1219.868	0.781	15
Endrin ketone	Averaged	1542.462	1583.226	2.643	15
Heptachlor	Averaged	1921.510	1902.451	0.992	15
Heptachlor epoxide	Averaged	1807.302	1773.629	1.863	15
Methoxychlor	Averaged	800.444	837.064	4.575	15
gamma-Chlordane	Averaged	1850.352	1789.097	3.310	15
alpha-Chlordane	Averaged	1822.765	1775.911	2.570	15
Tetrachloro-m-xylene(surr)	Averaged	1699.372	1610.948	5.203	15
Decachlorobiphenyl(surr)	Averaged	1527.202	1383.984	9.378	15

Total %D Sum : 62.93
Number of Compounds: 22
Avg of %Diffs : 2.86

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC4.i

Midpoint Calibration File: /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678201.d
Injection Date: 26-NOV-2007 06:29

Continuing Calibration File: /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b/wr678288.d
Injection Date: 27-NOV-2007 09:16

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aldrin	3.533	(3.483 - 3.583)	3.530	
alpha-BHC	2.373	(2.323 - 2.423)	2.370	
beta-BHC	2.760	(2.710 - 2.810)	2.757	
delta-BHC	2.940	(2.890 - 2.990)	2.937	
gamma-BHC (Lindane)	2.670	(2.620 - 2.720)	2.667	
4,4'-DDD	7.110	(7.040 - 7.180)	7.103	
4,4'-DDE	5.660	(5.590 - 5.730)	5.650	
4,4'-DDT	7.583	(7.513 - 7.653)	7.577	
Dieldrin	6.413	(6.343 - 6.483)	6.403	
Endosulfan I	5.817	(5.747 - 5.887)	5.807	
Endosulfan II	7.410	(7.340 - 7.480)	7.403	
Endosulfan sulfate	8.347	(8.277 - 8.417)	8.343	
Endrin	6.957	(6.887 - 7.027)	6.950	
Endrin aldehyde	7.937	(7.867 - 8.007)	7.933	
Endrin ketone	8.610	(8.540 - 8.680)	8.607	
Heptachlor	3.163	(3.113 - 3.213)	3.160	
Heptachlor epoxide	4.807	(4.737 - 4.877)	4.800	
Methoxychlor	8.107	(8.037 - 8.177)	8.103	
gamma-Chlordane	5.113	(5.043 - 5.183)	5.107	
alpha-Chlordane	5.453	(5.383 - 5.523)	5.447	
Tetrachloro-m-xylene(surr)	1.910	(1.860 - 1.960)	1.910	
Decachlorobiphenyl(surr)	9.590	(9.490 - 9.690)	9.583	

CONTINUING CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b, as of 11/27/2007 09:35)

Processing Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b/06Wf8081.m

DataFile : wf678288.d

Compound	Curve Type	RRF/CONC	CCAL RF/CONC	% DIFF/DRIFT	MAX %DIFF/DRIFT
Aldrin	Averaged	3168.386	3137.376	0.979	15
alpha-BHC	Averaged	3218.416	3263.159	1.390	15
beta-BHC	Averaged	1539.293	1569.278	1.948	15
delta-BHC	Averaged	3070.992	3301.833	7.517	15
gamma-BHC (Lindane)	Averaged	2933.770	3049.300	3.938	15
4,4'-DDD	Averaged	1774.324	1871.064	5.452	15
4,4'-DDE	Averaged	2152.100	2190.699	1.794	15
4,4'-DDT	Averaged	1697.111	1618.008	4.661	15
Dieldrin	Averaged	2252.496	2256.353	0.171	15
Endosulfan I	Averaged	2302.968	2287.204	0.685	15
Endosulfan II	Averaged	1988.227	1918.673	3.498	15
Endosulfan sulfate	Averaged	1761.390	1748.822	0.714	15
Endrin	Averaged	1944.700	1854.433	4.642	15
Endrin aldehyde	Averaged	1617.186	1575.657	2.568	15
Endrin ketone	Averaged	2065.140	2045.336	0.959	15
Heptachlor	Averaged	3200.233	3350.950	4.710	15
Heptachlor epoxide	Averaged	2828.334	2854.888	0.939	15
Methoxychlor	Averaged	973.539	960.209	1.369	15
gamma-Chlordane	Averaged	2654.971	2654.911	0.002	15
alpha-Chlordane	Averaged	2413.473	2365.678	1.980	15
Tetrachloro-m-xylene(surr)	Averaged	2555.281	2443.818	4.362	15
Decachlorobiphenyl(surr)	Averaged	1670.287	1430.146	14.377	15

Total %D Sum : 68.65
Number of Compounds: 22
Avg of %Diffs : 3.12

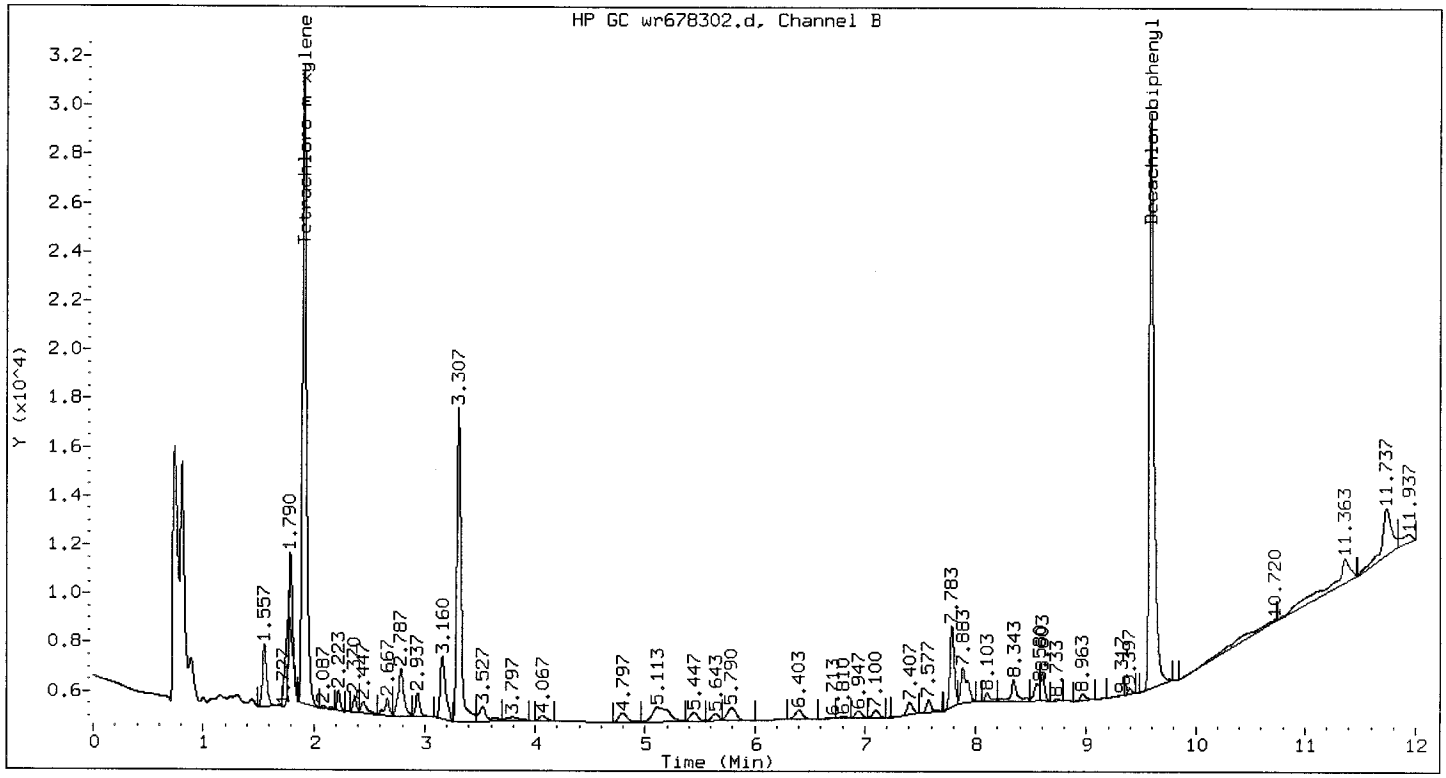
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC4.i

Midpoint Calibration File: /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678201.d
Injection Date: 26-NOV-2007 06:29

Continuing Calibration File: /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b/wf678288.d
Injection Date: 27-NOV-2007 09:16

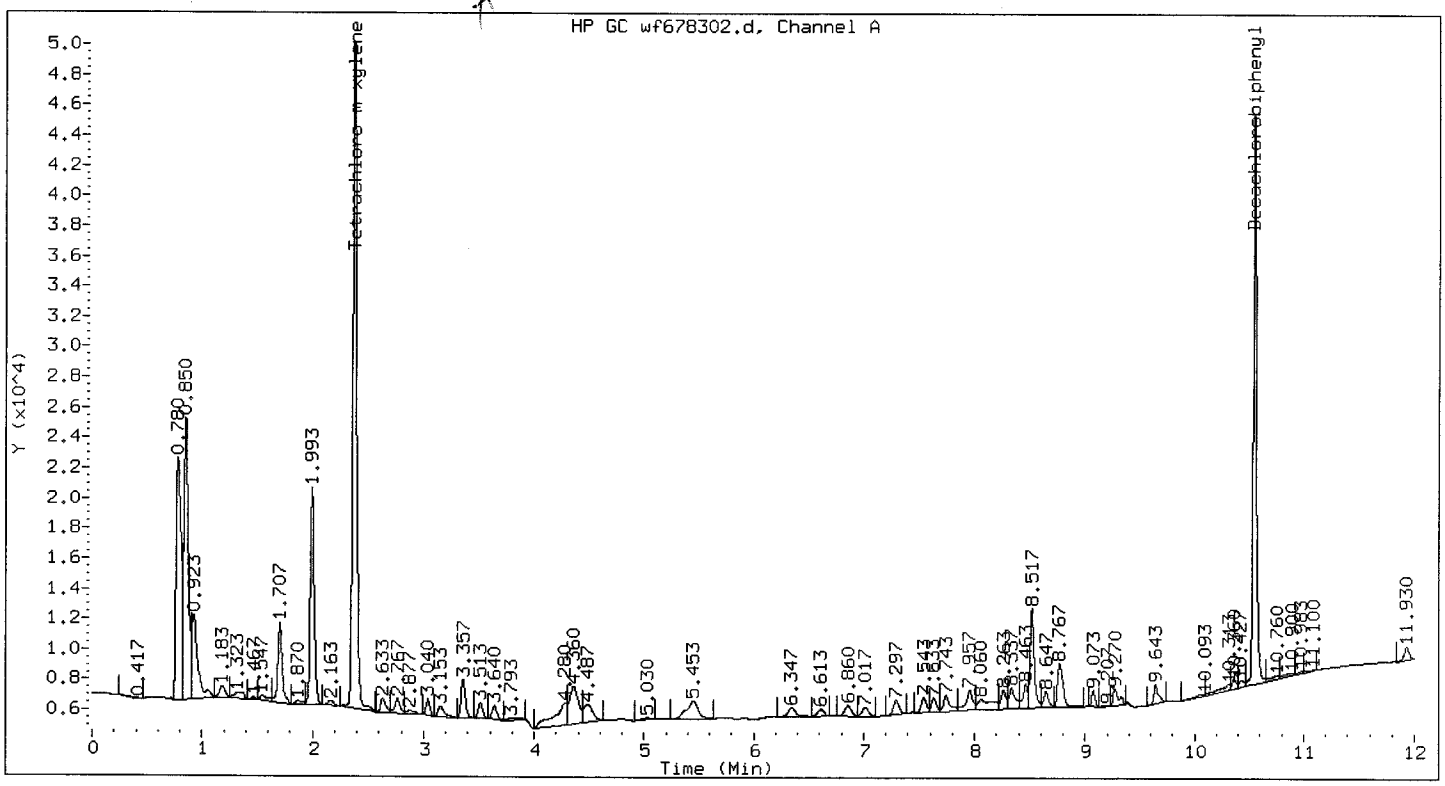
Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aldrin	5.387	(5.337 - 5.437)	5.377	
alpha-BHC	3.050	(3.000 - 3.100)	3.043	
beta-BHC	3.647	(3.597 - 3.697)	3.643	
delta-BHC	4.297	(4.247 - 4.347)	4.283	
gamma-BHC (Lindane)	3.523	(3.473 - 3.573)	3.520	
4,4'-DDD	8.343	(8.273 - 8.413)	8.337	
4,4'-DDE	7.750	(7.680 - 7.820)	7.743	
4,4'-DDT	8.653	(8.583 - 8.723)	8.647	
Dieldrin	7.967	(7.897 - 8.037)	7.960	
Endosulfan I	7.640	(7.570 - 7.710)	7.633	
Endosulfan II	8.470	(8.400 - 8.540)	8.463	
Endosulfan sulfate	9.080	(9.010 - 9.150)	9.073	
Endrin	8.270	(8.200 - 8.340)	8.263	
Endrin aldehyde	8.800	(8.730 - 8.870)	8.793	
Endrin ketone	9.650	(9.580 - 9.720)	9.643	
Heptachlor	4.500	(4.450 - 4.550)	4.487	
Heptachlor epoxide	6.877	(6.807 - 6.947)	6.863	
Methoxychlor	9.337	(9.267 - 9.407)	9.330	
gamma-Chlordane	7.307	(7.237 - 7.377)	7.297	
alpha-Chlordane	7.550	(7.480 - 7.620)	7.543	
Tetrachloro-m-xylene(surr)	2.377	(2.327 - 2.427)	2.373	
Decachlorobiphenyl(surr)	10.550	(10.450 - 10.650)	10.543	



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b/06Wr8081.m
Sample Info : 878527;4007925

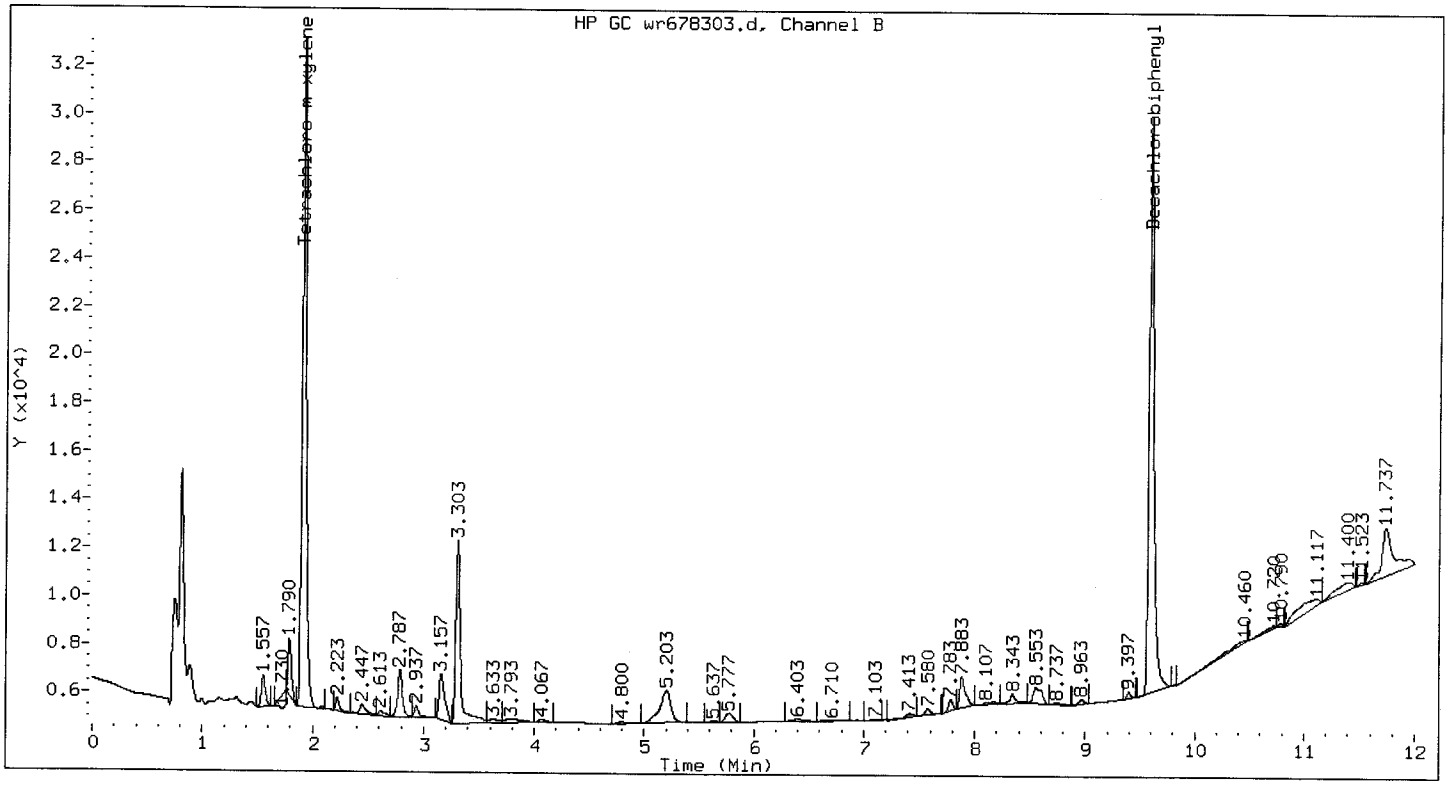
Lab ID	: 878527	Inst ID	: PESTGC4.i
Inj Date	: 27-NOV-2007 13:06	Dil Factor	: 1
Operator	: 281	Sample Matrix	: SOIL
Cpnd Sublist	: TCLpest	Sample Type	: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Tetrachloro-m-xylene(surr)	1.910	1.910	0.000	65476	38.530	27.620
Decachlorobiphenyl(surr)	9.587	9.583	0.003	70918	46.437	33.288



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b/06Wf8081.m
Sample Info : 878527;4007925
Lab ID : 878527
Inj Date : 27-NOV-2007 13:06
Operator : 281
Cpnd Sublist: TCLpest
Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

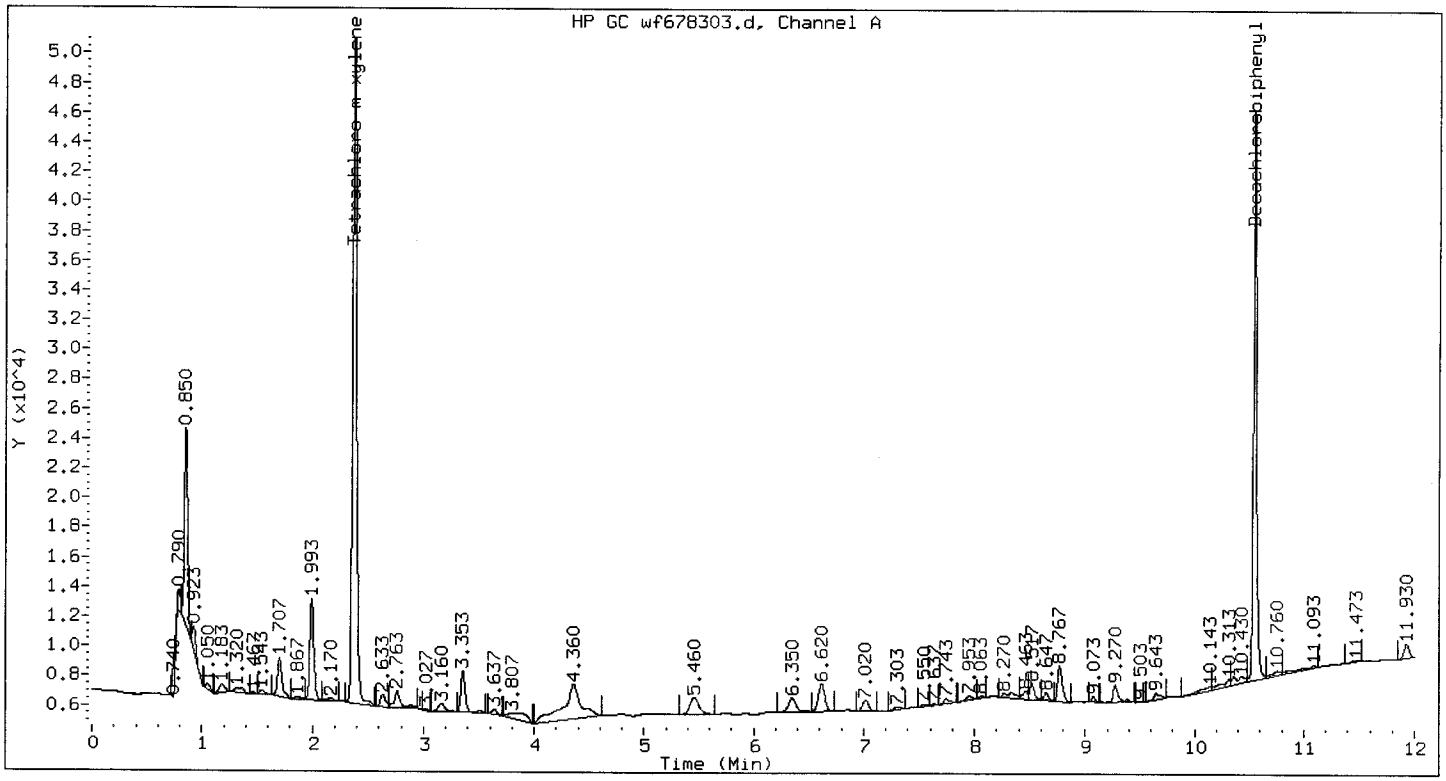
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Tetrachloro-m-xylene(surr)	2.373	2.373	0.000	109454	42.835	30.706
Decachlorobiphenyl(surr)	10.543	10.543	0.000	74439	44.567	31.947



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07f.b/06Wr8081.m
Sample Info : sp324;mb76724
Lab ID : SP324
Inj Date : 27-NOV-2007 13:22
Operator : 281
Cpnd Sublist: TCLgaPEST
Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Tetrachloro-m-xylene(surr)	1.907	1.910	0.003	70918	41.732	27.821
Decachlorobiphenyl(surr)	9.587	9.583	0.003	71860	47.053	31.369

1



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07f.b/06Wf8081.m
Sample Info : sp324;mb76724
Lab ID : SP324
Inj Date : 27-NOV-2007 13:22
Operator : 281
Cpnd Sublist: TCLgaPEST
Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Tetrachloro-m-xylene(surr)	2.370	2.373	0.003	116651	45.651	30.434
Decachlorobiphenyl(surr)	10.543	10.543	0.000	75259	45.058	30.039

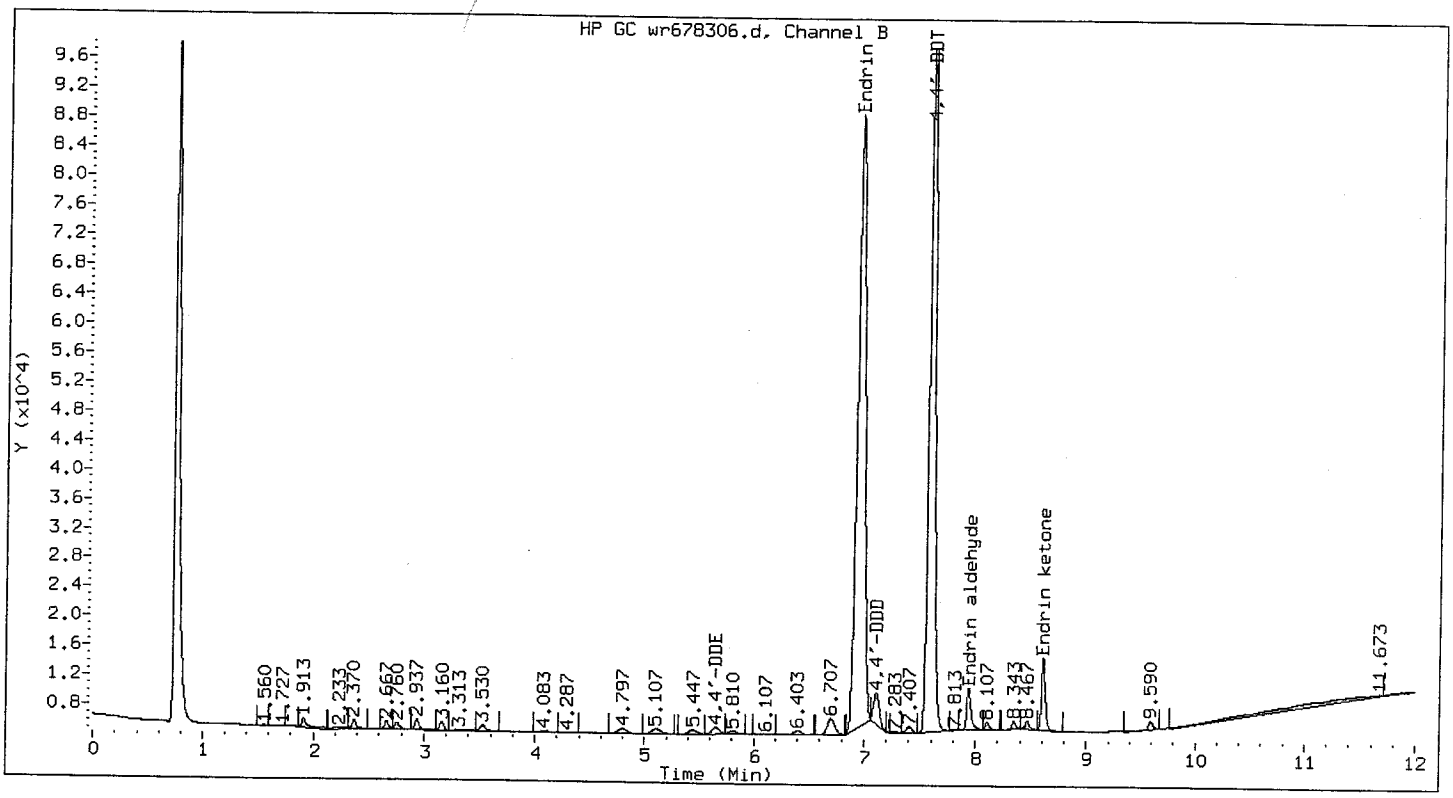
Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/06Wr8081.m
Sample Info : END/DDT_00005g
Lab ID : END/DDT_00005g
Inj Date : 27-NOV-2007 14:10
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	5.14%
Endrin	9.19%

Report Date 11/28/2007 09:57



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/06Wr8081.m
Sample Info : END/DDT_00005g
Lab ID : END/DDT_00005g
Inj Date : 27-NOV-2007 14:10
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: END/DDT

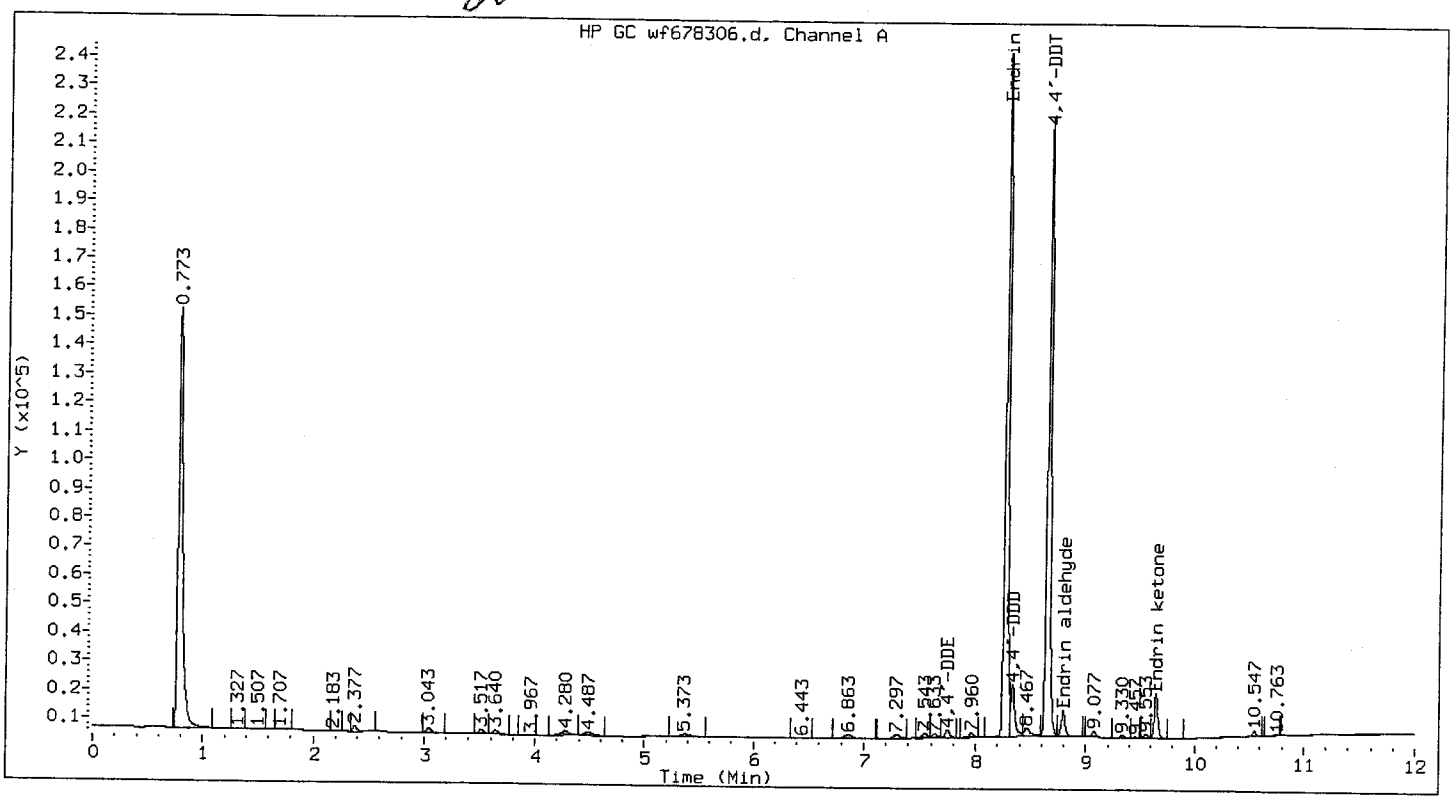
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
4,4'-DDD	7.107	7.107	0.000	15415	11.678	7.786
4,4'-DDE	5.650	5.650	0.000	3972	2.548	1.699
4,4'-DDT	7.580	7.580	0.000	357956	257.480	171.653
Endrin	6.950	6.950	0.000	391407	257.394	171.596
Endrin aldehyde	7.937	7.933	0.003	16089	13.086	8.724
Endrin ketone	8.607	8.607	0.000	23539	15.261	10.174

Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07g.b/06Wf8081.m
Sample Info : END/DDT_00005g
Lab ID : END/DDT_00005g
Inj Date : 27-NOV-2007 14:10
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	10.79%
Endrin	10.04%



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07g.b/06Wf8081.m
Sample Info : END/DDT_00005g
Lab ID : END/DDT_00005g
Inj Date : 27-NOV-2007 14:10
Operator : 281
Cpnd Sublist: END_DDT

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: END/DDT

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
4,4'-DDD	8.337	8.337	0.000	45283	25.521	17.014
4,4'-DDE	7.747	7.743	0.003	7049	3.275	2.184
4,4'-DDT	8.647	8.647	0.000	432803	255.023	170.016
Endrin	8.263	8.263	0.000	503514	258.916	172.611
Endrin aldehyde	8.797	8.793	0.003	22752	14.069	9.379
Endrin ketone	9.647	9.643	0.003	33418	16.182	10.788

CONTINUING CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b, as of 11/27/2007 14:15)

Processing Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/06Wr8081.m

DataFile : wr678305.d

Compound	Curve Type	RRF/CONC	CCAL RF/CONC	% DIFF/DRIFT	MAX %DIFF/DRIFT
Aldrin	Averaged	1777.255	1788.538	0.635	15
alpha-BHC	Averaged	1961.455	2004.247	2.182	15
beta-BHC	Averaged	1025.770	1024.178	0.155	15
delta-BHC	Averaged	1720.190	1803.734	4.857	15
gamma-BHC (Lindane)	Averaged	1789.924	1818.575	1.601	15
4,4'-DDD	Averaged	1319.971	1354.594	2.623	15
4,4'-DDE	Averaged	1558.727	1497.671	3.917	15
4,4'-DDT	Averaged	1390.228	1284.476	7.607	15
Dieldrin	Averaged	1712.415	1690.592	1.274	15
Endosulfan I	Averaged	1660.913	1586.736	4.466	15
Endosulfan II	Averaged	1456.514	1434.798	1.491	15
Endosulfan sulfate	Averaged	1256.572	1257.096	0.042	15
Endrin	Averaged	1520.652	1382.537	9.083	15
Endrin aldehyde	Averaged	1229.466	1212.628	1.370	15
Endrin ketone	Averaged	1542.462	1607.444	4.213	15
Heptachlor	Averaged	1921.510	1927.021	0.287	15
Heptachlor epoxide	Averaged	1807.302	1780.752	1.469	15
Methoxychlor	Averaged	800.444	774.812	3.202	15
gamma-Chlordane	Averaged	1850.352	1795.735	2.952	15
alpha-Chlordane	Averaged	1822.765	1772.589	2.753	15
Tetrachloro-m-xylene(surr)	Averaged	1699.372	1625.300	4.359	15
Decachlorobiphenyl(surr)	Averaged	1527.202	1435.461	6.007	15

Total %D Sum : 66.54
Number of Compounds: 22
Avg of %Diffs : 3.02

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC4.i

Midpoint Calibration File: /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678201.d
Injection Date: 26-NOV-2007 06:29

Continuing Calibration File: /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/wr678305.d
Injection Date: 27-NOV-2007 13:54

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aldrin	3.533	(3.483 - 3.583)	3.530	
alpha-BHC	2.373	(2.323 - 2.423)	2.370	
beta-BHC	2.760	(2.710 - 2.810)	2.757	
delta-BHC	2.940	(2.890 - 2.990)	2.937	
gamma-BHC (Lindane)	2.670	(2.620 - 2.720)	2.667	
4,4'-DDD	7.110	(7.040 - 7.180)	7.107	
4,4'-DDE	5.660	(5.590 - 5.730)	5.650	
4,4'-DDT	7.583	(7.513 - 7.653)	7.580	
Dieldrin	6.413	(6.343 - 6.483)	6.407	
Endosulfan I	5.817	(5.747 - 5.887)	5.807	
Endosulfan II	7.410	(7.340 - 7.480)	7.403	
Endosulfan sulfate	8.347	(8.277 - 8.417)	8.343	
Endrin	6.957	(6.887 - 7.027)	6.950	
Endrin aldehyde	7.937	(7.867 - 8.007)	7.933	
Endrin ketone	8.610	(8.540 - 8.680)	8.607	
Heptachlor	3.163	(3.113 - 3.213)	3.160	
Heptachlor epoxide	4.807	(4.737 - 4.877)	4.797	
Methoxychlor	8.107	(8.037 - 8.177)	8.103	
gamma-Chlordane	5.113	(5.043 - 5.183)	5.107	
alpha-Chlordane	5.453	(5.383 - 5.523)	5.447	
Tetrachloro-m-xylene(surr)	1.910	(1.860 - 1.960)	1.910	
Decachlorobiphenyl(surr)	9.590	(9.490 - 9.690)	9.583	

CONTINUING CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07g.b, as of 11/27/2007 14:16)

Processing Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07g.b/06Wf8081.m

DataFile : wf678305.d

Compound	Curve Type	RRF/CONC	CCAL RF/CONC	% DIFF/DRIFT	MAX %DIFF/DRIFT
Aldrin	Averaged	3168.386	3167.844	0.017	15
alpha-BHC	Averaged	3218.416	3287.935	2.160	15
beta-BHC	Averaged	1539.293	1592.097	3.430	15
delta-BHC	Averaged	3070.992	3317.281	8.020	15
gamma-BHC (Lindane)	Averaged	2933.770	3067.824	4.569	15
4,4'-DDD	Averaged	1774.324	1946.238	9.689	15
4,4'-DDE	Averaged	2152.100	2252.976	4.687	15
4,4'-DDT	Averaged	1697.111	1635.223	3.647	15
Dieldrin	Averaged	2252.496	2300.784	2.144	15
Endosulfan I	Averaged	2302.968	2315.319	0.536	15
Endosulfan II	Averaged	1988.227	2008.759	1.033	15
Endosulfan sulfate	Averaged	1761.390	1772.766	0.646	15
Endrin	Averaged	1944.700	1874.276	3.621	15
Endrin aldehyde	Averaged	1617.186	1637.668	1.267	15
Endrin ketone	Averaged	2065.140	2100.354	1.705	15
Heptachlor	Averaged	3200.233	3354.740	4.828	15
Heptachlor epoxide	Averaged	2828.334	2873.632	1.602	15
Methoxychlor	Averaged	973.539	946.835	2.743	15
gamma-Chlordane	Averaged	2654.971	2684.439	1.110	15
alpha-Chlordane	Averaged	2413.473	2428.320	0.615	15
Tetrachloro-m-xylene(surr)	Averaged	2555.281	2480.608	2.922	15
Decachlorobiphenyl(surr)	Averaged	1670.287	1457.860	12.718	15

Total %D Sum : 73.71
Number of Compounds: 22
Avg of %Diffs : 3.35

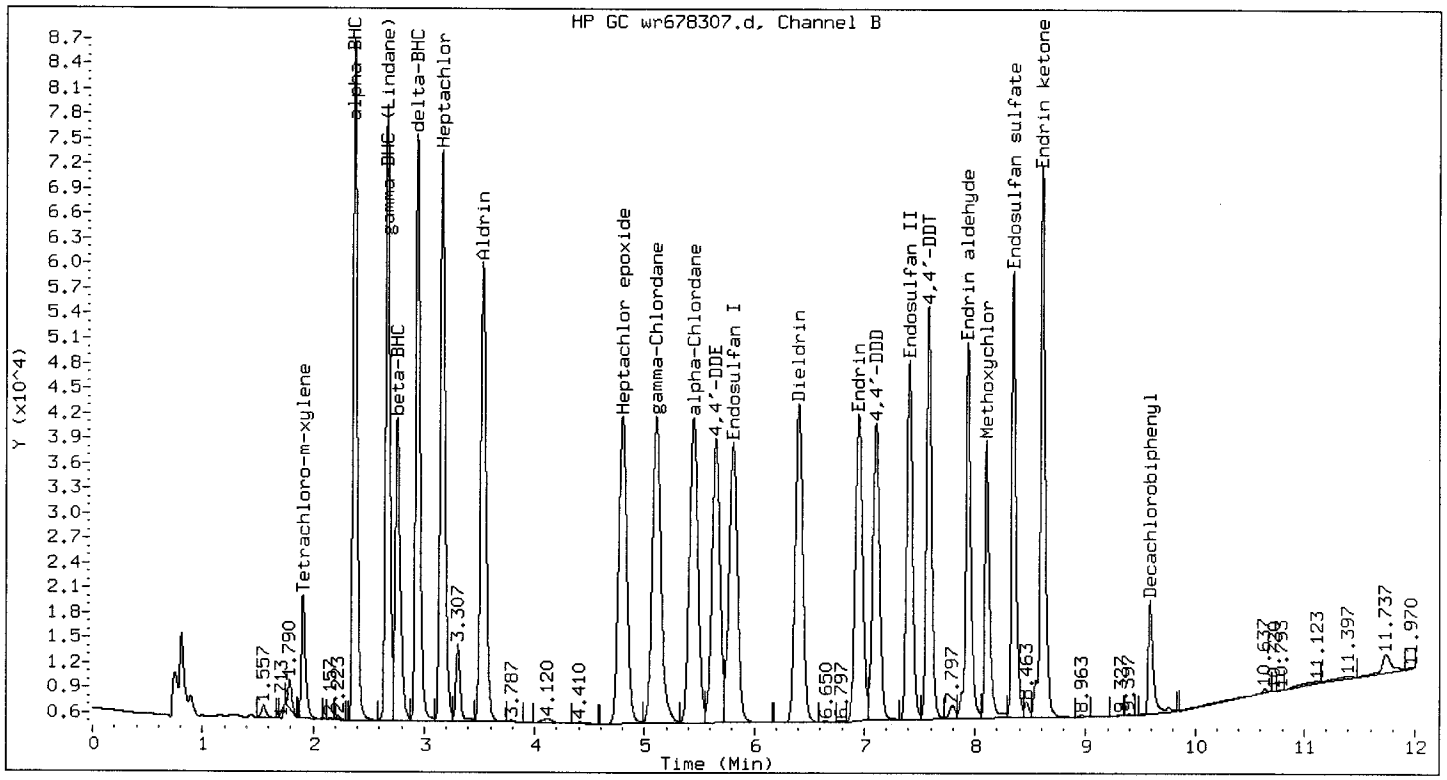
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC4.i

Midpoint Calibration File: /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678201.d
Injection Date: 26-NOV-2007 06:29

Continuing Calibration File: /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07g.b/wf678305.d
Injection Date: 27-NOV-2007 13:54

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aldrin	5.387	(5.337 - 5.437)	5.373	
alpha-BHC	3.050	(3.000 - 3.100)	3.043	
beta-BHC	3.647	(3.597 - 3.697)	3.640	
delta-BHC	4.297	(4.247 - 4.347)	4.283	
gamma-BHC (Lindane)	3.523	(3.473 - 3.573)	3.517	
4,4'-DDD	8.343	(8.273 - 8.413)	8.337	
4,4'-DDE	7.750	(7.680 - 7.820)	7.743	
4,4'-DDT	8.653	(8.583 - 8.723)	8.647	
Dieldrin	7.967	(7.897 - 8.037)	7.960	
Endosulfan I	7.640	(7.570 - 7.710)	7.633	
Endosulfan II	8.470	(8.400 - 8.540)	8.463	
Endosulfan sulfate	9.080	(9.010 - 9.150)	9.073	
Endrin	8.270	(8.200 - 8.340)	8.263	
Endrin aldehyde	8.800	(8.730 - 8.870)	8.793	
Endrin ketone	9.650	(9.580 - 9.720)	9.643	
Heptachlor	4.500	(4.450 - 4.550)	4.487	
Heptachlor epoxide	6.877	(6.807 - 6.947)	6.867	
Methoxychlor	9.337	(9.267 - 9.407)	9.330	
gamma-Chlordane	7.307	(7.237 - 7.377)	7.297	
alpha-Chlordane	7.550	(7.480 - 7.620)	7.543	
Tetrachloro-m-xylene(surr)	2.377	(2.327 - 2.427)	2.373	
Decachlorobiphenyl(surr)	10.550	(10.450 - 10.650)	10.543	

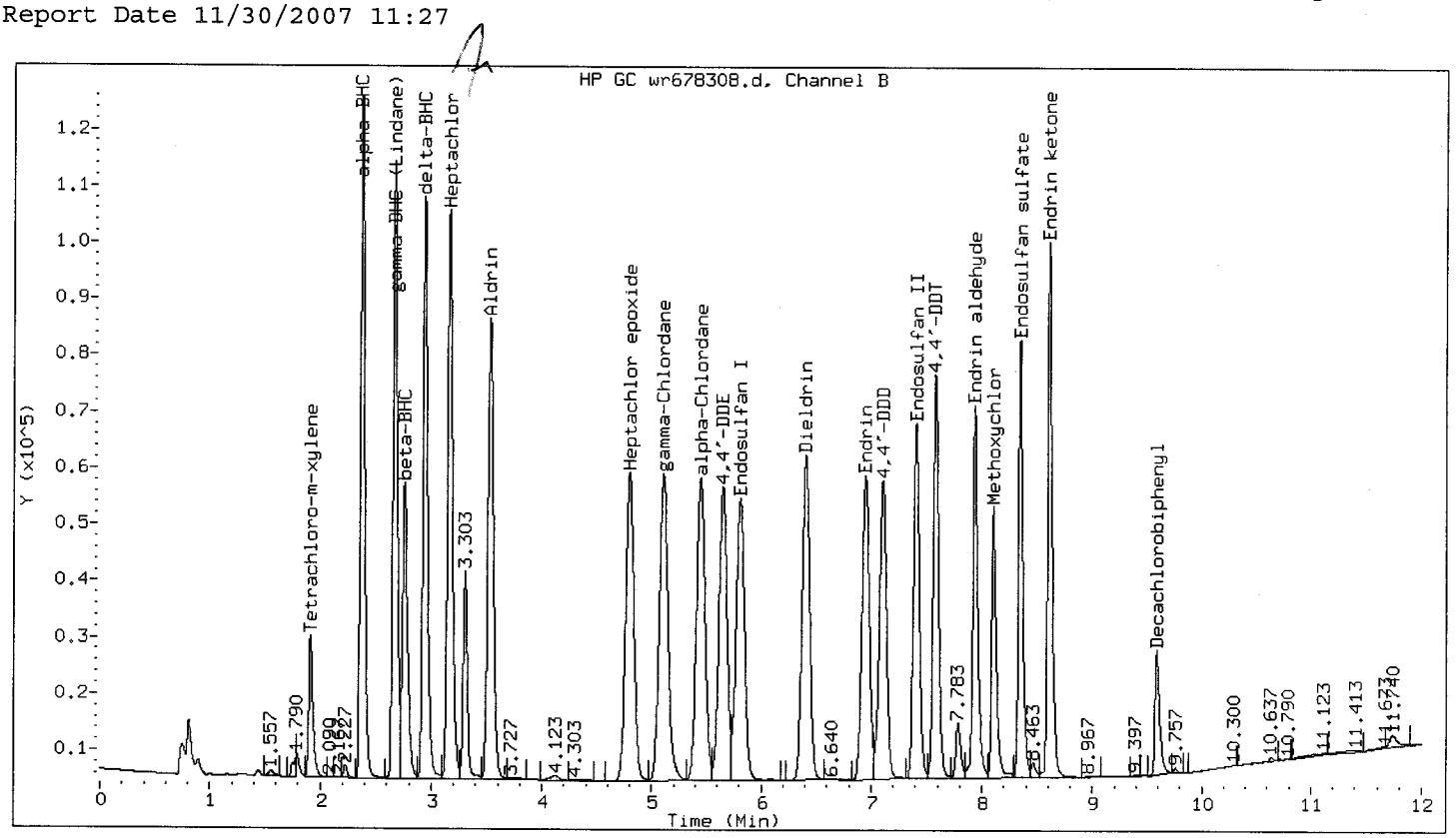


Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/06Wr8081.m
Sample Info : 878527ms;4010176
Lab ID : 878527MS
Inj Date : 27-NOV-2007 14:26
Operator : 281
Cpnd Sublist: TCLgaPEST

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MS

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aldrin	3.530	3.530	0.000	188650	106.147	76.091
alpha-BHC	2.370	2.370	0.000	211020	107.583	77.121
beta-BHC	2.757	2.757	0.000	113580	110.727	79.374
delta-BHC	2.937	2.937	0.000	195156	113.450	81.326
gamma-BHC (Lindane)	2.667	2.667	0.000	194808	108.836	78.019
4,4'-DDD	7.107	7.107	0.000	155578	117.865	84.491
4,4'-DDE	5.650	5.650	0.000	173678	111.423	79.873
4,4'-DDT	7.580	7.580	0.000	157176	113.058	81.045
Dieldrin	6.403	6.407	0.003	183557	107.192	76.840

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Endosulfan I	5.807	5.807	0.000	181491	109.272	78.331
Endosulfan II	7.407	7.403	0.003	158037	108.504	77.780
Endosulfan sulfate	8.343	8.343	0.000	140668	111.946	80.248
Endrin	6.950	6.950	0.000	169290	111.327	79.804
Endrin aldehyde	7.930	7.933	0.003	140368	114.170	81.842
Endrin ketone	8.607	8.607	0.000	193128	125.208	89.755
Heptachlor	3.160	3.160	0.000	207738	108.112	77.500
Heptachlor epoxide	4.797	4.797	0.000	193616	107.130	76.796
Methoxychlor	8.103	8.103	0.000	94382	117.912	84.525
gamma-Chlordane	5.107	5.107	0.000	206686	111.701	80.072
alpha-Chlordane	5.447	5.447	0.000	196183	107.629	77.154
Tetrachloro-m-xylene(surr)	1.910	1.910	0.000	37325	21.964	15.745
Decachlorobiphenyl(surr)	9.587	9.583	0.003	42329	27.717	19.869

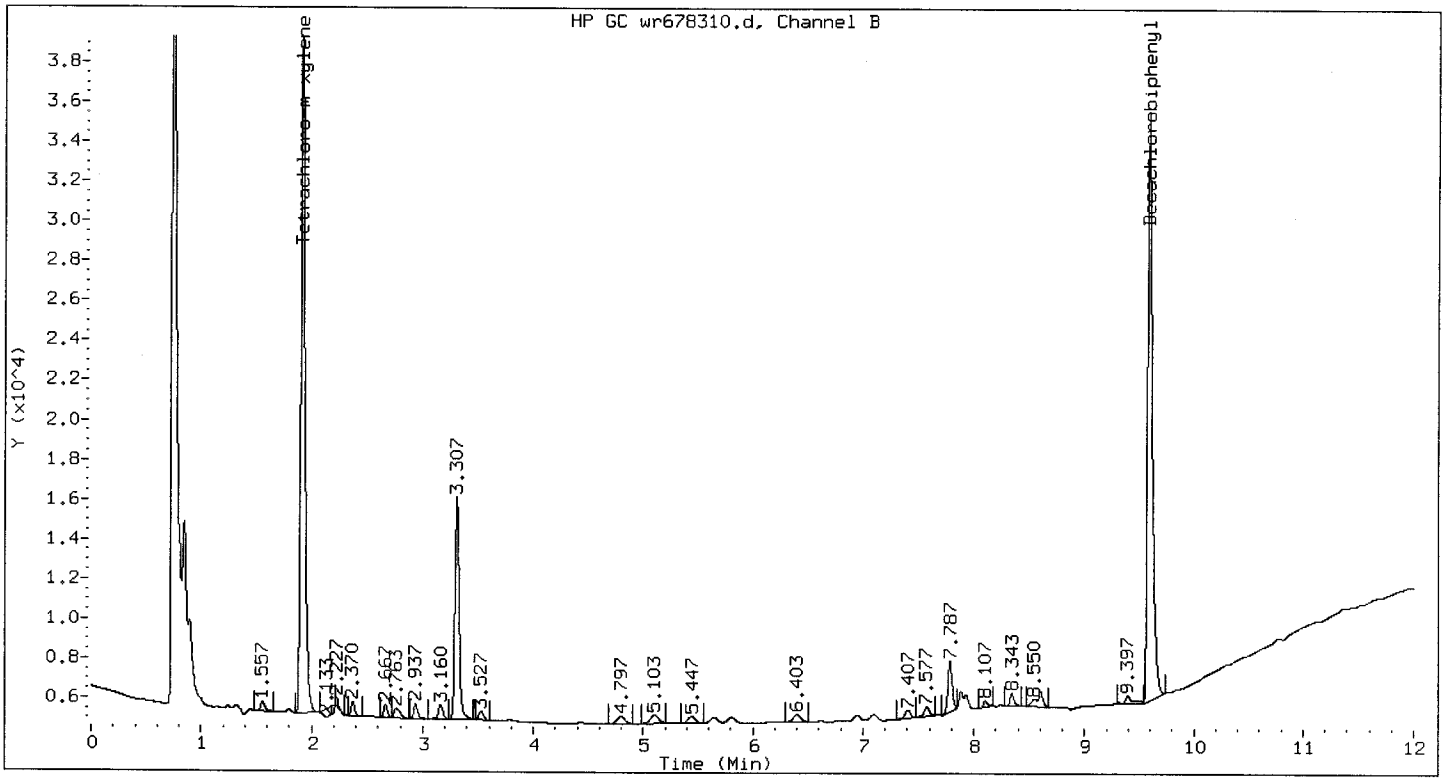


Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/06Wr8081.m
Sample Info : 878527sd;4010177
Lab ID : 878527MSD
Inj Date : 27-NOV-2007 14:42
Operator : 281
Cpnd Sublist: TCLgaPEST

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MSD

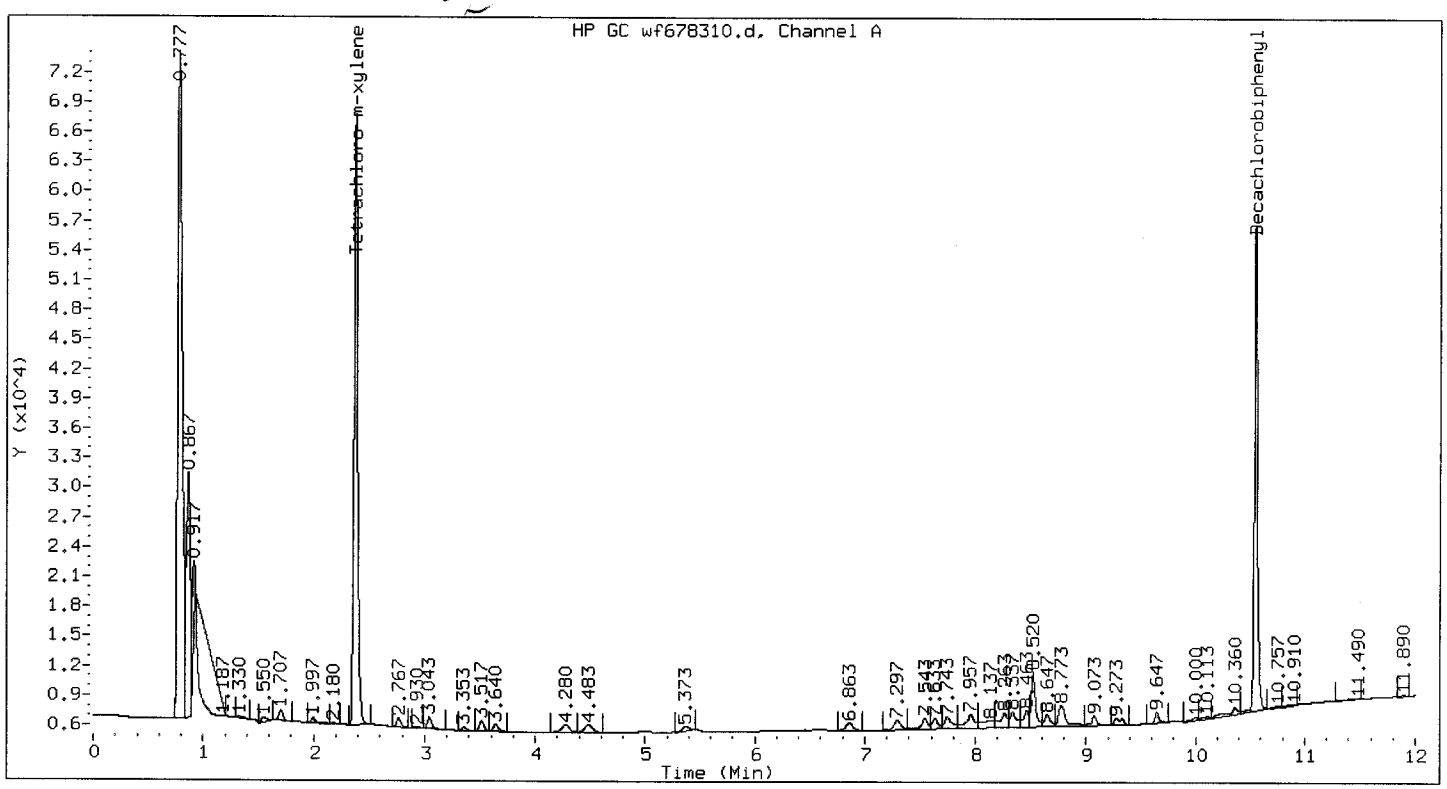
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aldrin	3.530	3.530	0.000	286730	161.333	115.651
alpha-BHC	2.370	2.370	0.000	315433	160.816	115.280
beta-BHC	2.757	2.757	0.000	163702	159.589	114.401
delta-BHC	2.937	2.937	0.000	292645	170.124	121.952
gamma-BHC (Lindane)	2.667	2.667	0.000	290233	162.148	116.235
4,4'-DDD	7.103	7.107	0.003	236706	179.327	128.550
4,4'-DDE	5.650	5.650	0.000	266039	170.677	122.349
4,4'-DDT	7.577	7.580	0.003	232832	167.478	120.056
Dieldrin	6.403	6.407	0.003	276869	161.683	115.902

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Endosulfan I	5.807	5.807	0.000	270322	162.755	116.670
Endosulfan II	7.403	7.403	0.000	234461	160.974	115.394
Endosulfan sulfate	8.343	8.343	0.000	205671	163.676	117.331
Endrin	6.947	6.950	0.003	248459	163.390	117.125
Endrin aldehyde	7.930	7.933	0.003	199748	162.467	116.464
Endrin ketone	8.603	8.607	0.003	261747	169.694	121.645
Heptachlor	3.160	3.160	0.000	309480	161.061	115.456
Heptachlor epoxide	4.797	4.797	0.000	287124	158.869	113.884
Methoxychlor	8.103	8.103	0.000	136347	170.339	122.107
gamma-Chlordane	5.107	5.107	0.000	302278	163.362	117.106
alpha-Chlordane	5.447	5.447	0.000	290699	159.482	114.324
Tetrachloro-m-xylene(surr)	1.910	1.910	0.000	64415	37.905	27.172
Decachlorobiphenyl(surr)	9.587	9.583	0.003	64902	42.497	30.464



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/06Wr8081.m
Sample Info : 878526;4007896
Lab ID : 878526
Inj Date : 27-NOV-2007 15:14
Operator : 281
Cpnd Sublist: TCLpest
Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

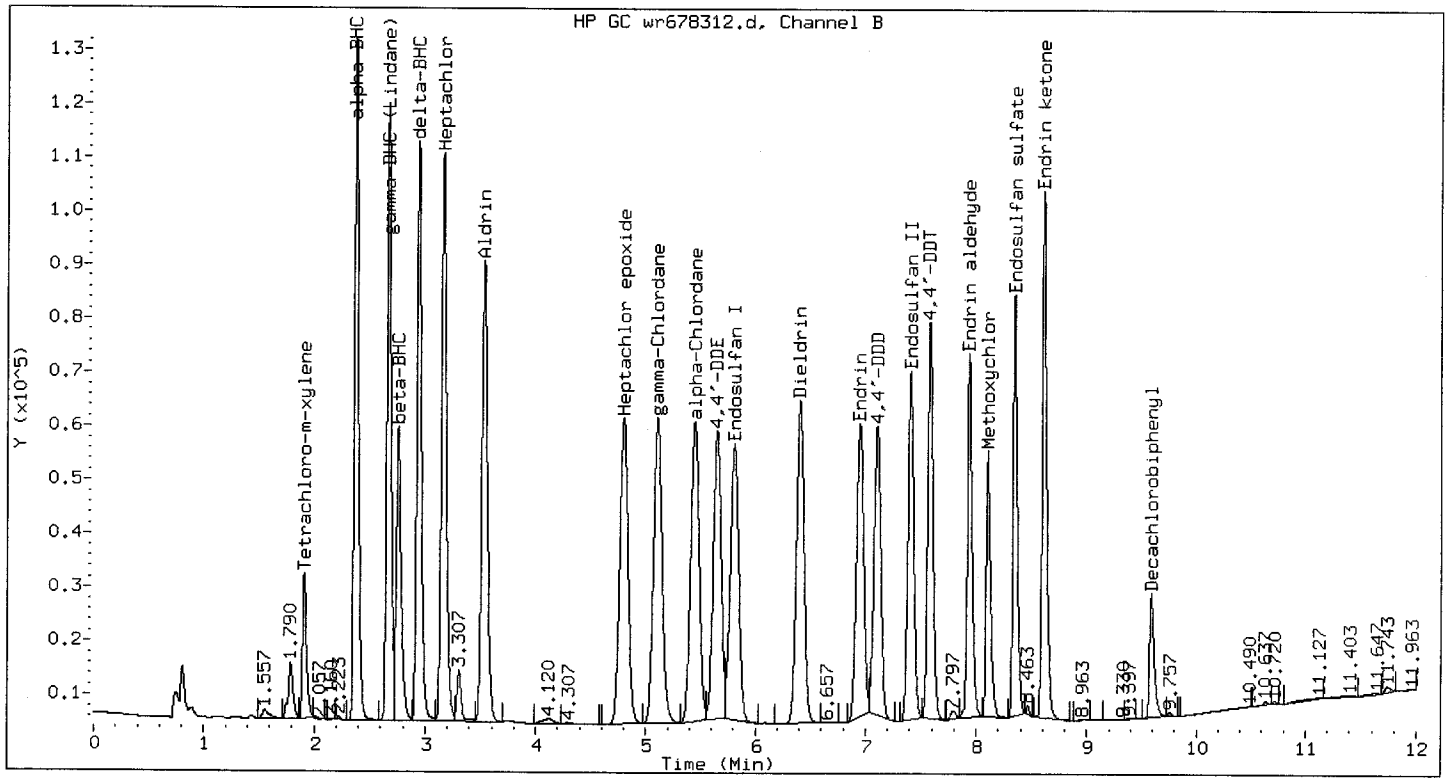
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Tetrachloro-m-xylene(surr)	1.910	1.910	0.000	87857	51.700	37.021
Decachlorobiphenyl(surr)	9.587	9.583	0.003	87838	57.516	41.186



Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07g.b/06Wf8081.m
Sample Info : 878526;4007896

Lab ID	: 878526	Inst ID	: PESTGC4.i
Inj Date	: 27-NOV-2007 15:14	Dil Factor	: 1
Operator	: 281	Sample Matrix	: SOIL
Cpnd Sublist	: TCLpest	Sample Type	: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Tetrachloro-m-xylene(surr)	2.373	2.373	0.000	137944	53.984	38.657
Decachlorobiphenyl(surr)	10.547	10.543	0.003	94674	56.682	40.588



Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07g.b/06Wr8081.m
Sample Info : 6239bs;bs61445
Lab ID : 6239BS
Inj Date : 27-NOV-2007 15:46
Operator : 281
Cpnd Sublist: TCLgaPEST

Inst ID : PESTGC4.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aldrin	3.530	3.530	0.000	299741	168.654	112.436
alpha-BHC	2.370	2.370	0.000	331564	169.040	112.693
beta-BHC	2.757	2.757	0.000	167054	162.857	108.571
delta-BHC	2.937	2.937	0.000	304602	177.075	118.050
gamma-BHC (Lindane)	2.667	2.667	0.000	304879	170.331	113.554
4,4'-DDD	7.103	7.107	0.003	233223	176.688	117.792
4,4'-DDE	5.650	5.650	0.000	270581	173.591	115.727
4,4'-DDT	7.577	7.580	0.003	234572	168.729	112.486
Dieldrin	6.403	6.407	0.003	290119	169.421	112.947

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Endosulfan I	5.807	5.807	0.000	274920	165.523	110.349
Endosulfan II	7.403	7.403	0.000	237706	163.202	108.801
Endosulfan sulfate	8.343	8.343	0.000	202650	161.272	107.515
Endrin	6.950	6.950	0.000	249607	164.145	109.430
Endrin aldehyde	7.930	7.933	0.003	197722	160.819	107.213
Endrin ketone	8.607	8.607	0.000	265996	172.449	114.966
Heptachlor	3.160	3.160	0.000	323982	168.608	112.405
Heptachlor epoxide	4.797	4.797	0.000	298709	165.279	110.186
Methoxychlor	8.103	8.103	0.000	133040	166.208	110.805
gamma-Chlordane	5.107	5.107	0.000	309456	167.242	111.494
alpha-Chlordane	5.447	5.447	0.000	297502	163.215	108.810
Tetrachloro-m-xylene(surr)	1.910	1.910	0.000	67691	39.833	26.555
Decachlorobiphenyl(surr)	9.587	9.583	0.003	68549	44.885	29.924

CONTINUING CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07h.b, as of 11/28/2007 08:45)

Processing Method : /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07h.b/06Wr8081.m

DataFile : wr678328.d

Compound	Curve Type	RRF/CONC	CCAL RF/CONC	% DIFF/DRIFT	MAX %DIFF/DRIFT
Aldrin	Averaged	1777.255	1763.601	0.768	15
alpha-BHC	Averaged	1961.455	1983.599	1.129	15
beta-BHC	Averaged	1025.770	1013.662	1.180	15
delta-BHC	Averaged	1720.190	1768.934	2.834	15
gamma-BHC (Lindane)	Averaged	1789.924	1790.963	0.058	15
4,4'-DDD	Averaged	1319.971	1403.404	6.321	15
4,4'-DDE	Averaged	1558.727	1514.642	2.828	15
4,4'-DDT	Averaged	1390.228	1370.784	1.399	15
Dieldrin	Averaged	1712.415	1661.022	3.001	15
Endosulfan I	Averaged	1660.913	1600.130	3.660	15
Endosulfan II	Averaged	1456.514	1453.456	0.210	15
Endosulfan sulfate	Averaged	1256.572	1295.848	3.126	15
Endrin	Averaged	1520.652	1472.792	3.147	15
Endrin aldehyde	Averaged	1229.466	1235.372	0.480	15
Endrin ketone	Averaged	1542.462	1593.868	3.333	15
Heptachlor	Averaged	1921.510	1863.862	3.000	15
Heptachlor epoxide	Averaged	1807.302	1750.138	3.163	15
Methoxychlor	Averaged	800.444	867.287	8.351	15
gamma-Chlordane	Averaged	1850.352	1765.726	4.573	15
alpha-Chlordane	Averaged	1822.765	1766.385	3.093	15
Tetrachloro-m-xylene(surr)	Averaged	1699.372	1605.470	5.526	15
Decachlorobiphenyl(surr)	Averaged	1527.202	1410.875	7.617	15

Total %D Sum : 68.80
Number of Compounds: 22
Avg of %Diffs : 3.13

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC4.i

Midpoint Calibration File: /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07a.b/wr678201.d
Injection Date: 26-NOV-2007 06:29

Continuing Calibration File: /chem1/PESTGC4.i/8081/rear/Nov07/11-26-07aical/26nov07h.b/wr678328.d
Injection Date: 27-NOV-2007 20:02

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aldrin	3.533	(3.483 - 3.583)	3.527	
alpha-BHC	2.373	(2.323 - 2.423)	2.367	
beta-BHC	2.760	(2.710 - 2.810)	2.753	
delta-BHC	2.940	(2.890 - 2.990)	2.937	
gamma-BHC (Lindane)	2.670	(2.620 - 2.720)	2.663	
4,4'-DDD	7.110	(7.040 - 7.180)	7.103	
4,4'-DDE	5.660	(5.590 - 5.730)	5.647	
4,4'-DDT	7.583	(7.513 - 7.653)	7.577	
Dieldrin	6.413	(6.343 - 6.483)	6.400	
Endosulfan I	5.817	(5.747 - 5.887)	5.803	
Endosulfan II	7.410	(7.340 - 7.480)	7.403	
Endosulfan sulfate	8.347	(8.277 - 8.417)	8.343	
Endrin	6.957	(6.887 - 7.027)	6.947	
Endrin aldehyde	7.937	(7.867 - 8.007)	7.930	
Endrin ketone	8.610	(8.540 - 8.680)	8.607	
Heptachlor	3.163	(3.113 - 3.213)	3.157	
Heptachlor epoxide	4.807	(4.737 - 4.877)	4.793	
Methoxychlor	8.107	(8.037 - 8.177)	8.103	
gamma-Chlordane	5.113	(5.043 - 5.183)	5.103	
alpha-Chlordane	5.453	(5.383 - 5.523)	5.443	
Tetrachloro-m-xylene(surr)	1.910	(1.860 - 1.960)	1.907	
Decachlorobiphenyl(surr)	9.590	(9.490 - 9.690)	9.587	

CONTINUING CALIBRATION REPORT

(for databatch - /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07h.b, as of 11/28/2007 09:49)

Processing Method : /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07h.b/06Wf8081.m

DataFile : wf678328.d

Compound	Curve Type	ICAL RRF/CONC	CCAL RF/CONC	% DIFF/DRIFT	MAX %DIFF/DRIFT
Aldrin	Averaged	3168.386	3114.734	1.693	15
alpha-BHC	Averaged	3218.416	3245.698	0.848	15
beta-BHC	Averaged	1539.293	1568.683	1.909	15
delta-BHC	Averaged	3070.992	3243.399	5.614	15
gamma-BHC (Lindane)	Averaged	2933.770	3043.462	3.739	15
4,4'-DDD	Averaged	1774.324	1879.306	5.917	15
4,4'-DDE	Averaged	2152.100	2228.455	3.548	15
4,4'-DDT	Averaged	1697.111	1678.064	1.122	15
Dieldrin	Averaged	2252.496	2311.289	2.610	15
Endosulfan I	Averaged	2302.968	2303.365	0.017	15
Endosulfan II	Averaged	1988.227	1961.035	1.368	15
Endosulfan sulfate	Averaged	1761.390	1742.950	1.047	15
Endrin	Averaged	1944.700	1909.147	1.828	15
Endrin aldehyde	Averaged	1617.186	1600.730	1.018	15
Endrin ketone	Averaged	2065.140	2073.497	0.405	15
Heptachlor	Averaged	3200.233	3330.467	4.070	15
Heptachlor epoxide	Averaged	2828.334	2838.282	0.352	15
Methoxychlor	Averaged	973.539	961.936	1.192	15
gamma-Chlordane	Averaged	2654.971	2652.923	0.077	15
alpha-Chlordane	Averaged	2413.473	2379.010	1.428	15
Tetrachloro-m-xylene(surr)	Averaged	2555.281	2426.628	5.035	15
Decachlorobiphenyl(surr)	Averaged	1670.287	1436.144	14.018	15

Total %D Sum : 58.85
Number of Compounds: 22
Avg of %Diffs : 2.68

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC4.i

Midpoint Calibration File: /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07a.b/wf678201.d
Injection Date: 26-NOV-2007 06:29

Continuing Calibration File: /chem1/PESTGC4.i/8081/front/Nov07/11-26-07aical/26nov07h.b/wf678328.d
Injection Date: 27-NOV-2007 20:02

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aldrin	5.387	(5.337 - 5.437)	5.367	
alpha-BHC	3.050	(3.000 - 3.100)	3.040	
beta-BHC	3.647	(3.597 - 3.697)	3.637	
delta-BHC	4.297	(4.247 - 4.347)	4.277	
gamma-BHC (Lindane)	3.523	(3.473 - 3.573)	3.513	
4,4'-DDD	8.343	(8.273 - 8.413)	8.333	
4,4'-DDE	7.750	(7.680 - 7.820)	7.740	
4,4'-DDT	8.653	(8.583 - 8.723)	8.643	
Dieldrin	7.967	(7.897 - 8.037)	7.957	
Endosulfan I	7.640	(7.570 - 7.710)	7.630	
Endosulfan II	8.470	(8.400 - 8.540)	8.460	
Endosulfan sulfate	9.080	(9.010 - 9.150)	9.073	
Endrin	8.270	(8.200 - 8.340)	8.260	
Endrin aldehyde	8.800	(8.730 - 8.870)	8.790	
Endrin ketone	9.650	(9.580 - 9.720)	9.643	
Heptachlor	4.500	(4.450 - 4.550)	4.480	
Heptachlor epoxide	6.877	(6.807 - 6.947)	6.857	
Methoxychlor	9.337	(9.267 - 9.407)	9.330	
gamma-Chlordane	7.307	(7.237 - 7.377)	7.290	
alpha-Chlordane	7.550	(7.480 - 7.620)	7.540	
Tetrachloro-m-xylene(surr)	2.377	(2.327 - 2.427)	2.370	
Decachlorobiphenyl(surr)	10.550	(10.450 - 10.650)	10.543	

Method 8082 (PCBs) Results Summary

Client ID: **F-Dup-1**
Site: National Grid

Lab Sample ID: **878526**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf425466.d
Rear File ID: vr425466.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	72	R
Aroclor-1221	ND	72	R
Aroclor-1232	ND	72	R
Aroclor-1242	ND	72	R
Aroclor-1248	ND	72	R
Aroclor-1254	ND	72	R
Aroclor-1260	ND	72	R
Aroclor-1262	ND	72	R
Aroclor-1268	ND	72	R

Client ID: **Fill-1**
Site: National Grid

Lab Sample ID: **878527**
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf425431.d
Rear File ID: vr425431.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	72	R
Aroclor-1221	ND	72	R
Aroclor-1232	ND	72	R
Aroclor-1242	ND	72	R
Aroclor-1248	ND	72	R
Aroclor-1254	ND	72	R
Aroclor-1260	ND	72	R
Aroclor-1262	ND	72	R
Aroclor-1268	ND	72	R

QA Summary

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: N763

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	6240BS	88				0
02	878527	96				0
03	878527MS	101				0
04	878527MSD	110				0
05	SP324A	82				0
06	878526	109				0
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		ADVISORY QC LIMITS
S1	= Decachlorobiphenyl(sur	(60-151)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6240

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	420	127	70-160
Aroclor-1260	330	350	106	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 878527

MS Sample from Lab Job No: N763

QA Batch: 6240

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	360	0.00	480	133	70-160
Aroclor-1260	360	0.00	420	117	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	360	540	150	12	29	70-160
Aroclor-1260	360	460	128	9	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP324A

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC9

Date Analyzed: 11/21/07

Time Analyzed: 0832

Lab File ID: VR425435

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	6240BS	6240BS	vr425430.d	11/21/07
02	Fill-1	878527	vr425431.d	11/21/07
03	Fill-1MS	878527MS	vr425432.d	11/21/07
04	Fill-1MSD	878527MSD	vr425433.d	11/21/07
05	F-Dup-1	878526	vr425466.d	11/21/07
06				
07				
08				
09				
10				
11				
12				
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21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Client ID: **SP324A**
Site:

Lab Sample ID: **SP324A**
Lab Job No: N763

Date Sampled: _____
Date Received: _____
Date Extracted: 11/20/07
Date Analyzed: 11/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf425435.d
Rear File ID: vr425435.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 0

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	67	R
Aroclor-1221	ND	67	R
Aroclor-1232	ND	67	R
Aroclor-1242	ND	67	R
Aroclor-1248	ND	67	R
Aroclor-1254	ND	67	R
Aroclor-1260	ND	67	R
Aroclor-1262	ND	67	R
Aroclor-1268	ND	67	R

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b, as of 12/05/2007 18:16)

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 11/21/07 to 11/21/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.687

Lab Sample ID	Data File	Injection Time	RT	DLT RT
6240BS	vr425430.d	21-NOV-2007 07:15	10.688	0.001
878527	vr425431.d	21-NOV-2007 07:31	10.686	0.001
878527MS	vr425432.d	21-NOV-2007 07:46	10.687	0.000
878527MSD	vr425433.d	21-NOV-2007 08:01	10.688	0.001
SP324A	vr425435.d	21-NOV-2007 08:32	10.688	0.001

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07b.b,
as of 12/05/2007 18:16)

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 11/21/07 to 11/21/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.687

Lab Sample ID	Data File	Injection Time	RT	DLT RT
878526	vr425466.d	21-NOV-2007 20:00	10.687	0.000

D = Surrogate diluted out.

Analytical Sequence

GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
1	sg166013_00002a		vr424673.d	CALIB_3	10/24/07	1523
2	sg166011_00002a		vr424674.d	CALIB_1	10/24/07	1539
3	sg166012_00002a		vr424675.d	CALIB_2	10/24/07	1554
4	sg166014_00002a		vr424676.d	CALIB_4	10/24/07	1609
5	sg166015_00002a		vr424677.d	CALIB_5	10/24/07	1625
6	sg122113_00004a		vr424678.d	CALIB_3	10/24/07	1640
7	sg123213_00002a		vr424679.d	CALIB_3	10/24/07	1656
8	sg124213_00003a		vr424680.d	CALIB_3	10/24/07	1711
9	sg124813_00003a		vr424681.d	CALIB_3	10/24/07	1726
10	sg125413_00003a		vr424682.d	CALIB_3	10/24/07	1741
11	sg126213_00002a		vr424683.d	CALIB_3	10/24/07	1757
12	sg126813_00002a		vr424684.d	CALIB_3	10/24/07	1812
13	sg166013_00003d		vr425422.d	CCALIB_3	11/21/07	0513
14	6240BS		vr425430.d	BS	11/21/07	0715
15	878527	Fill-1	vr425431.d	SAMPLE	11/21/07	0731
16	878527MS	Fill-1MS	vr425432.d	MS	11/21/07	0746
17	878527MSD	Fill-1MSD	vr425433.d	MSD	11/21/07	0801
18	SP324A		vr425435.d	BLANK	11/21/07	0832
19	sg166013_00003e		vr425437.d	CCALIB_3	11/21/07	0902
20	SG1660L3_00003B		vr425461.d	CCALIB_3	11/21/07	1844
21	878526	F-Dup-1	vr425466.d	SAMPLE	11/21/07	2000
22	SG1660L3_00003C		vr425484.d	CCALIB_3	11/22/07	0036

Raw Data

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Calibration Files:

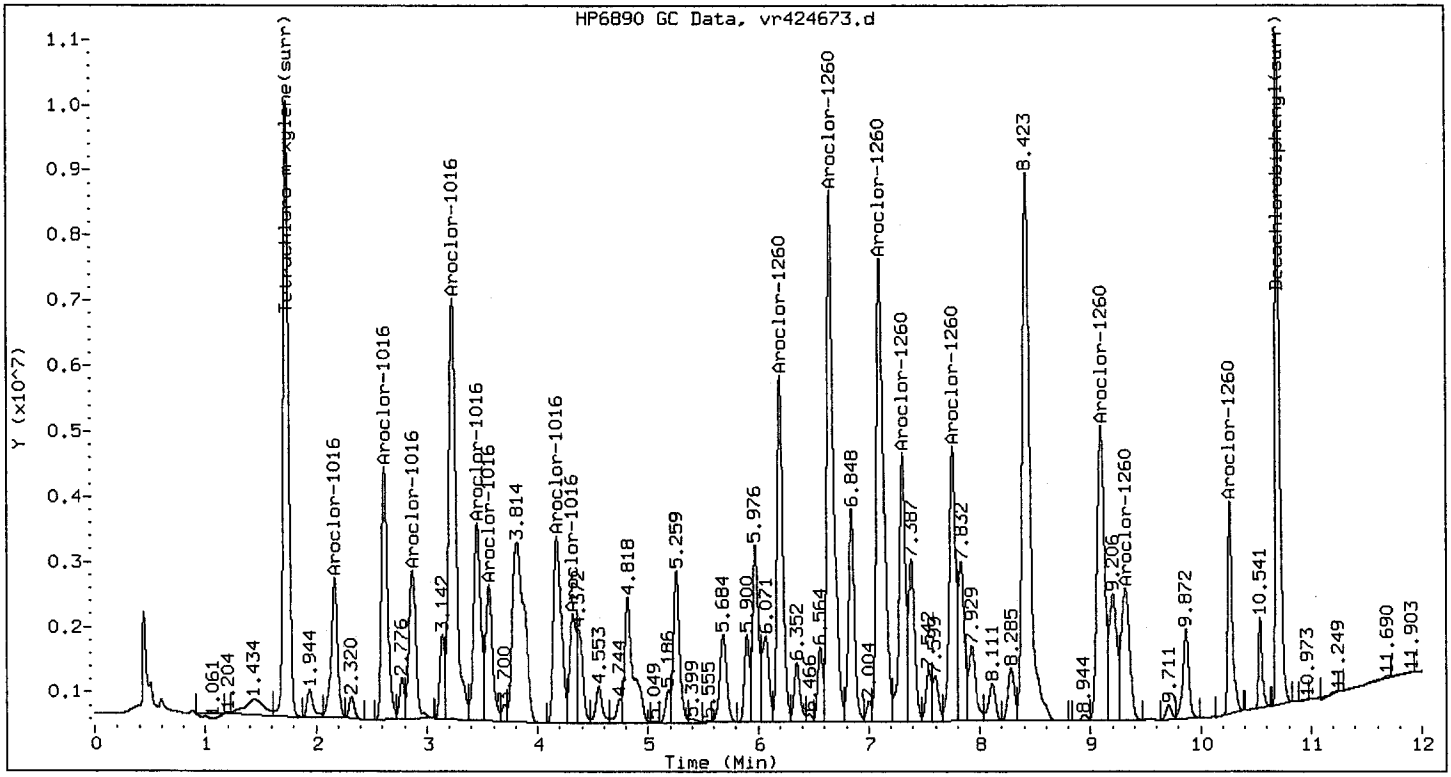
/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424674.d
/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424675.d
/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424673.d
/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424676.d
/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424677.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	Coefficients a1	Coefficients a2	%RSD or R^2
Aroclor-1016	1	11882.66	9819.86	8562.09	8640.60	7438.32		9268.71		18.19845
	2	19055.42	17392.56	14805.61	15010.07	13043.76		15861.48		14.89430
	3	10939.48	11251.85	9841.11	10681.76	8935.26		10329.89		9.09328
	4	38064.10	35347.33	30519.83	33111.21	27484.68		32905.43		12.50182
	5	14603.46	15631.38	13421.66	14120.63	12447.71		14044.97		8.55442
	6	8553.54	9516.60	8866.92	9197.22	8274.34		8881.72		5.57138
	7	16721.44	15935.83	13951.67	14442.42	12839.93		14778.26		10.52056
	8	6927.69	7400.10	6871.65	7218.13	6417.95		6967.10		5.38353
Aroclor-1260	1	28414.65	23787.15	19597.43	20802.63	18172.58		22154.89		18.34532
	2	48768.40	41984.18	34736.99	36881.62	32376.18		38949.47		16.77938
	3	44808.97	39268.55	32965.40	35719.23	31636.04		36879.64		14.39563
	4	19811.64	19226.84	16227.25	17237.51	15349.78		17570.60		10.87809
	5	23594.99	20526.95	17225.31	18669.01	16500.79		19303.41		14.76431
	6	23205.30	25063.89	21610.21	23745.64	21255.36		22976.08		6.82299
	7	11954.86	12834.23	11241.98	12567.45	11373.53		11994.41		5.87593
	8	9985.71	11159.87	9344.38	10687.50	9636.03		10162.70		7.37684
Tetrachloro-m-xylene(surr)		344475.36	358218.00	324067.48	333111.51	308163.59		333607.19		5.73157
Decachlorobiphenyl(surr)		330869.32	329370.88	289191.01	287496.67	271016.34		301588.84		8.95283

Comments:

* = %RSD exceeded maximum upper limit. Linear regression used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg166013_00002a
Lab ID : sg166013_00002a
Inj Date : 24-OCT-2007 15:23
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.171	2.171	0.000	8562095	923.764	923.764
(2)		2.620	2.620	0.000	14805606	933.431	933.431
(3)		2.873	2.873	0.000	9841112	952.683	952.683
(4)		3.235	3.235	0.000	30519831	927.501	927.501
(5)		3.453	3.453	0.000	13421660	955.621	955.621
(6)		3.558	3.558	0.000	8866917	998.333	998.333
(7)		4.174	4.174	0.000	13951673	944.067	944.067
(8)		4.319	4.319	0.000	6871650	986.299	986.299
Average of peak concentrations:							950.00
Aroclor-1260	(M)	6.201	6.201	0.000	19597433	884.565	884.565
(2)		6.652	6.652	0.000	34736988	891.847	891.847
(3)		7.101	7.101	0.000	32965405	893.865	893.865
(4)		7.306	7.306	0.000	16227245	923.545	923.545
(5)		7.757	7.757	0.000	17225315	892.346	892.346
(6)		9.097	9.097	0.000	21610207	940.552	940.552

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		9.319	9.319	0.000	11241983	937.268	937.268
(8)		10.264	10.264	0.000	9344375	919.478	919.478
Average of peak concentrations:							910.00
Tetrachloro-m-xylene(surr)	(M)	1.735	1.735	0.000	32406748	97.140	97.140
Decachlorobiphenyl(surr)		10.699	10.699	0.000	28919101	95.889	95.889

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

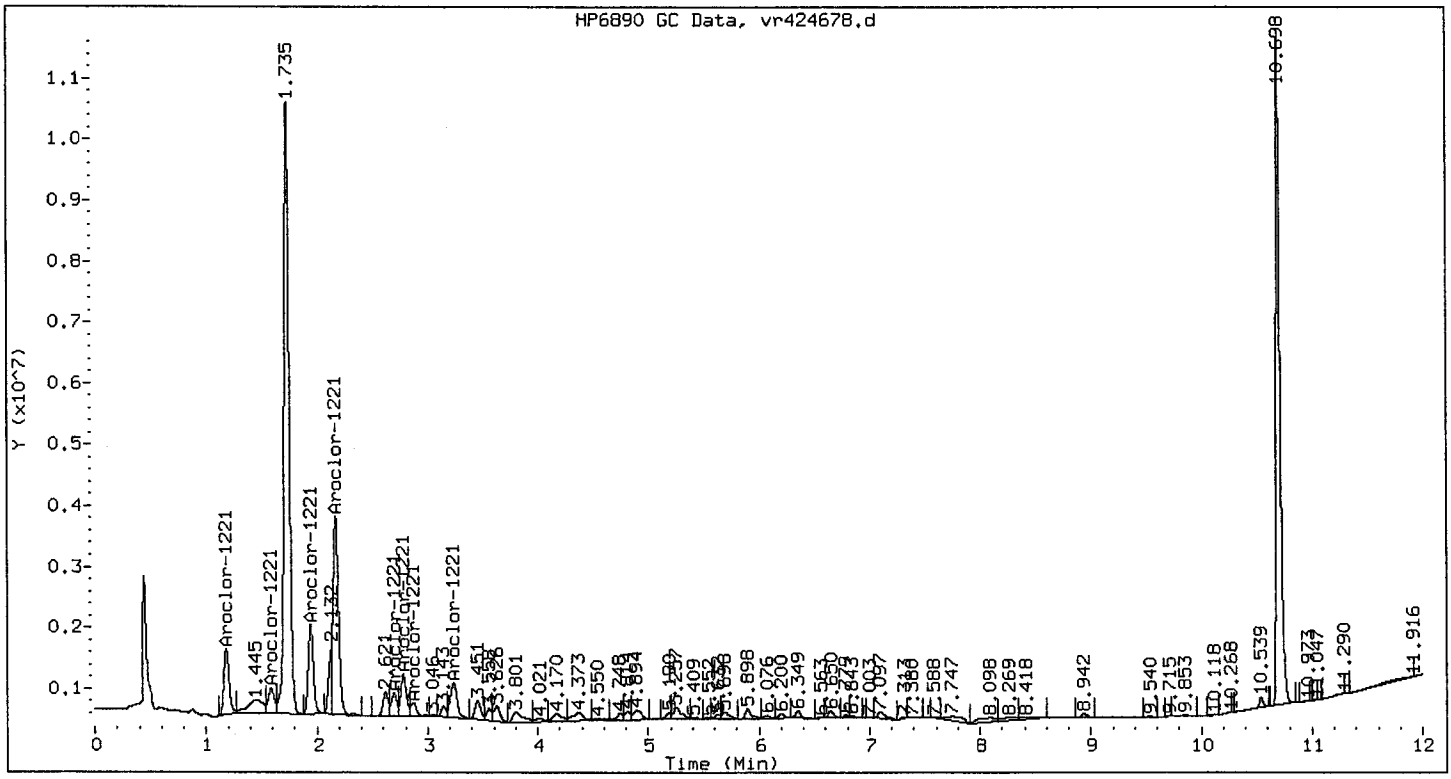
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424678.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	3640.76
2	1600.38
3	4729.52
4	11406.28
5	1254.77
6	2364.49
7	842.87
8	2492.25

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg122113_00004a
Lab ID : sg122113_00004a
Inj Date : 24-OCT-2007 16:40
Operator : 615
Cpnd Sublist: AR12210
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1221	(M)	1.183	1.183	0.000	3640761	1000.000	1000.000
(2)		1.589	1.589	0.000	1600375	1000.000	1000.000
(3)		1.943	1.943	0.000	4729520	1000.000	1000.000
(4)		2.170	2.170	0.000	11406281	1000.000	1000.000
(5)		2.698	2.698	0.000	1254766	1000.000	1000.000
(6)		2.781	2.781	0.000	2364485	1000.000	1000.000
(7)		2.873	2.873	0.000	842867	1000.000	1000.000
(8)		3.236	3.236	0.000	2492254	1000.000	1000.000
Average of peak concentrations:							1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

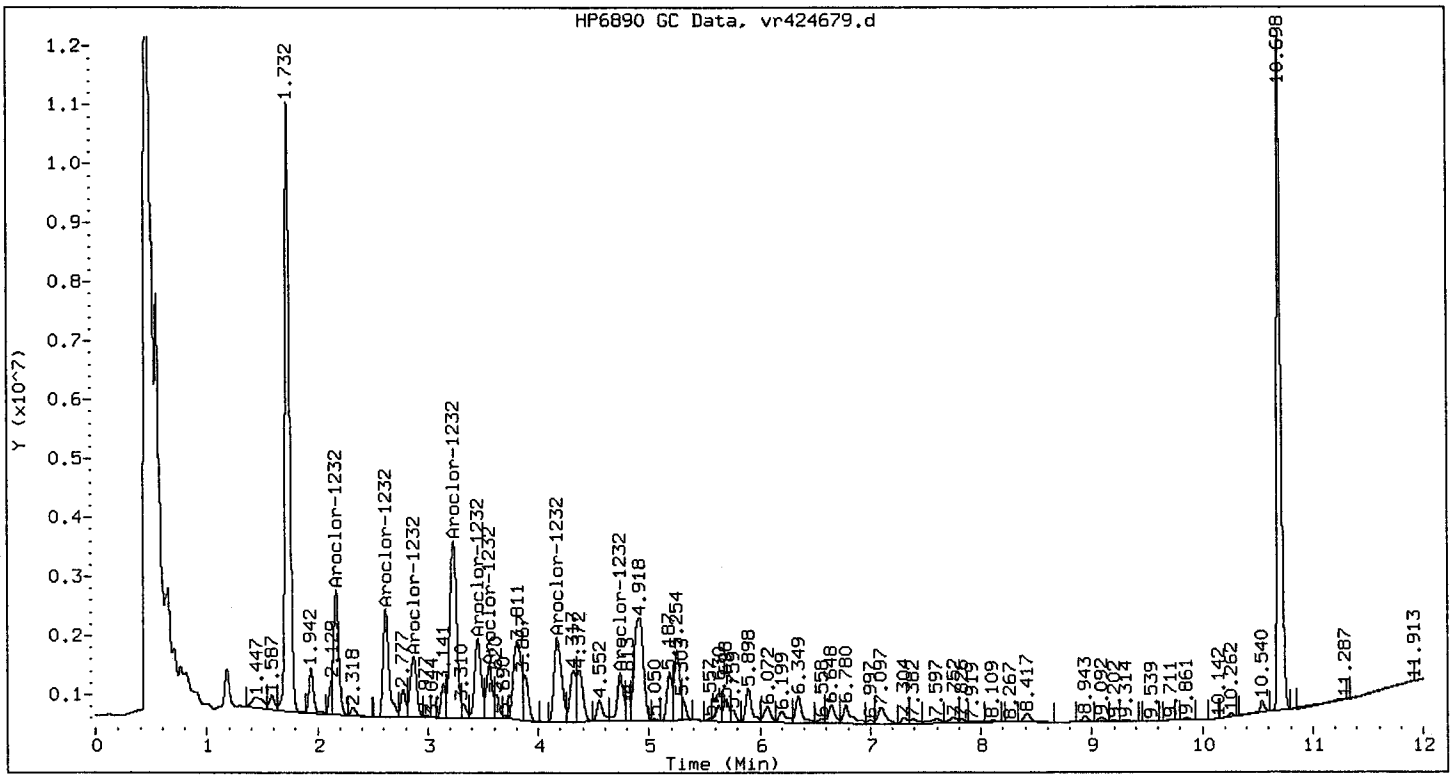
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424679.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	6957.26
2	6925.62
3	4192.18
4	13112.90
5	5494.44
6	3312.95
7	6714.72
8	3077.82

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg12321 3_00002a
Lab ID : sg12321 3_00002a
Inj Date : 24-OCT-2007 16:56
Operator : 615
Cpnd Sublist: AR12320
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1232	(M)	2.169	2.169	0.000	6957257	1000.000	1000.000
(2)		2.618	2.618	0.000	6925624	1000.000	1000.000
(3)		2.873	2.873	0.000	4192184	1000.000	1000.000
(4)		3.232	3.232	0.000	13112895	1000.000	1000.000
(5)		3.452	3.452	0.000	5494435	1000.000	1000.000
(6)		3.557	3.557	0.000	3312952	1000.000	1000.000
(7)		4.172	4.172	0.000	6714715	1000.000	1000.000
(8)		4.742	4.742	0.000	3077820	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

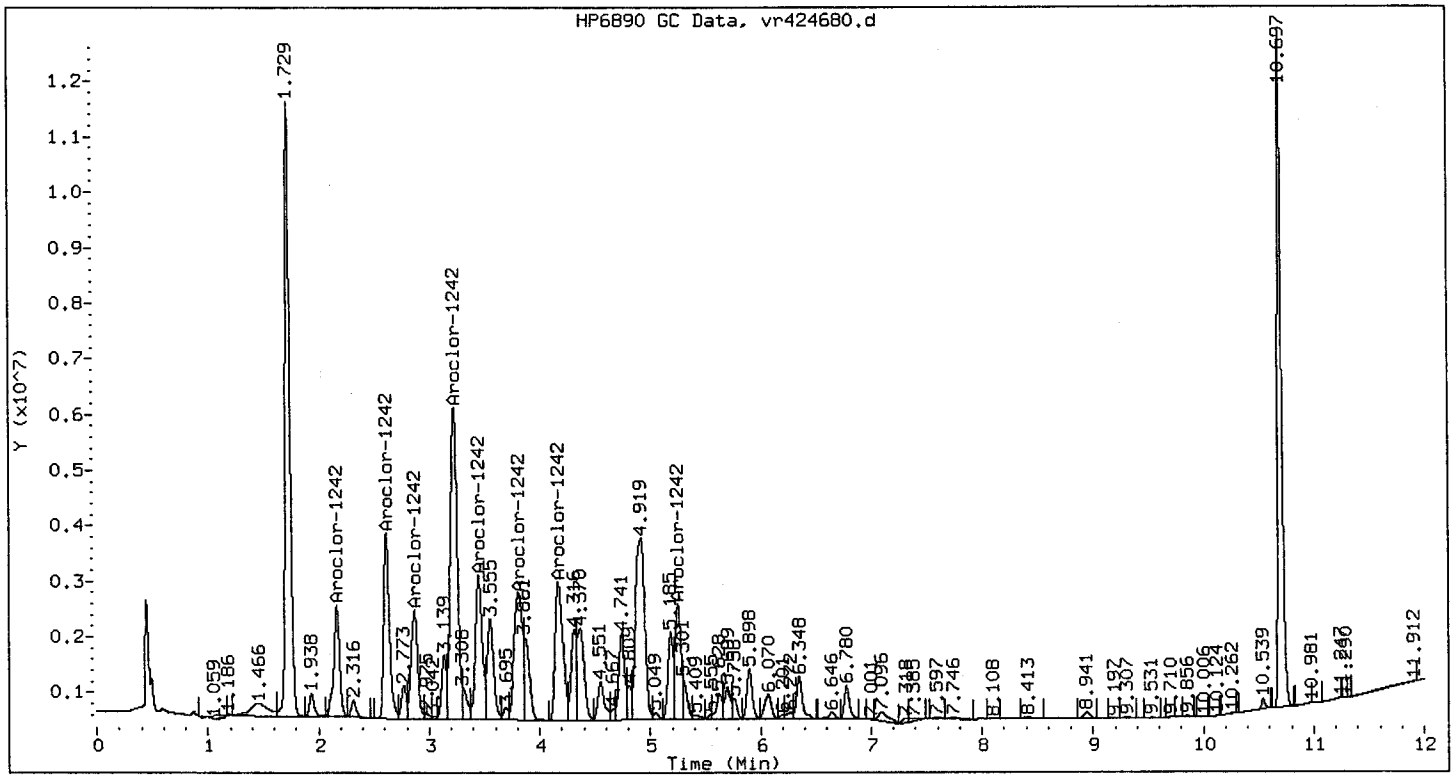
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424680.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	7302.99
2	12129.22
3	8096.84
4	24964.37
5	11146.69
6	12158.43
7	12067.77
8	7720.11

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg12421l3_00003a
Lab ID : sg12421l3_00003a
Inj Date : 24-OCT-2007 17:11
Operator : 615
Cpnd Sublist: AR12420
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1242	(M)	2.166	2.166	0.000	7302993	1000.000	1000.000
(2)		2.616	2.616	0.000	12129221	1000.000	1000.000
(3)		2.871	2.871	0.000	8096844	1000.000	1000.000
(4)		3.231	3.231	0.000	24964365	1000.000	1000.000
(5)		3.450	3.450	0.000	11146686	1000.000	1000.000
(6)		3.811	3.811	0.000	12158435	1000.000	1000.000
(7)		4.171	4.171	0.000	12067775	1000.000	1000.000
(8)		5.252	5.252	0.000	7720111	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

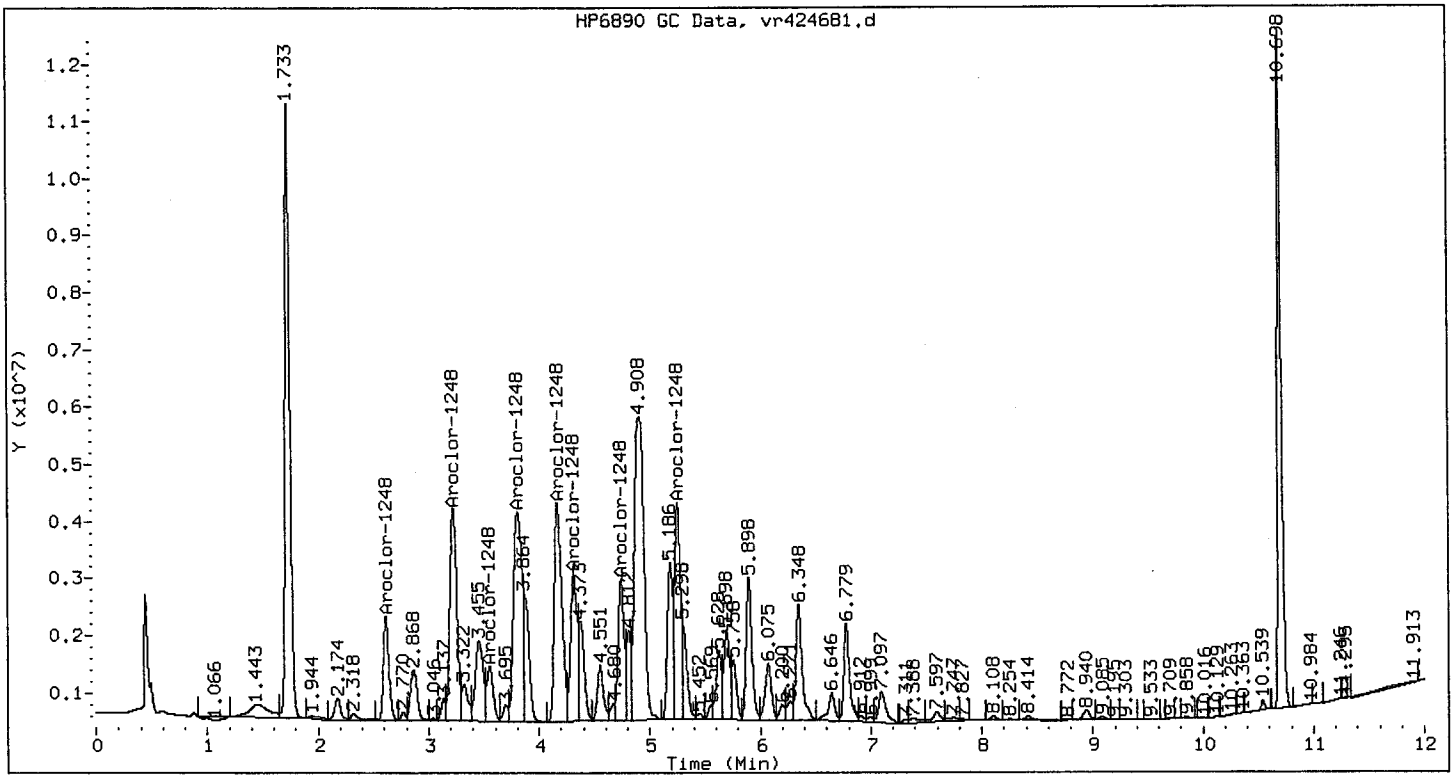
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424681.d

Compound	Midpoint Standard Response Factor
Aroclor-1248	6376.05
2	16558.34
3	3659.57
4	20268.36
5	18232.69
6	10859.29
7	9227.42
8	14325.71

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg12481l3_00003a
Lab ID : sg12481l3_00003a
Inj Date : 24-OCT-2007 17:26
Operator : 615
Cpnd Sublist: AR12480
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	(M)	2.615	2.615	0.000	6376047	1000.000	1000.000
(2)		3.228	3.228	0.000	16558342	1000.000	1000.000
(3)		3.553	3.553	0.000	3659565	1000.000	1000.000
(4)		3.805	3.805	0.000	20268363	1000.000	1000.000
(5)		4.169	4.169	0.000	18232687	1000.000	1000.000
(6)		4.313	4.313	0.000	10859291	1000.000	1000.000
(7)		4.741	4.741	0.000	9227418	1000.000	1000.000
(8)		5.253	5.253	0.000	14325714	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

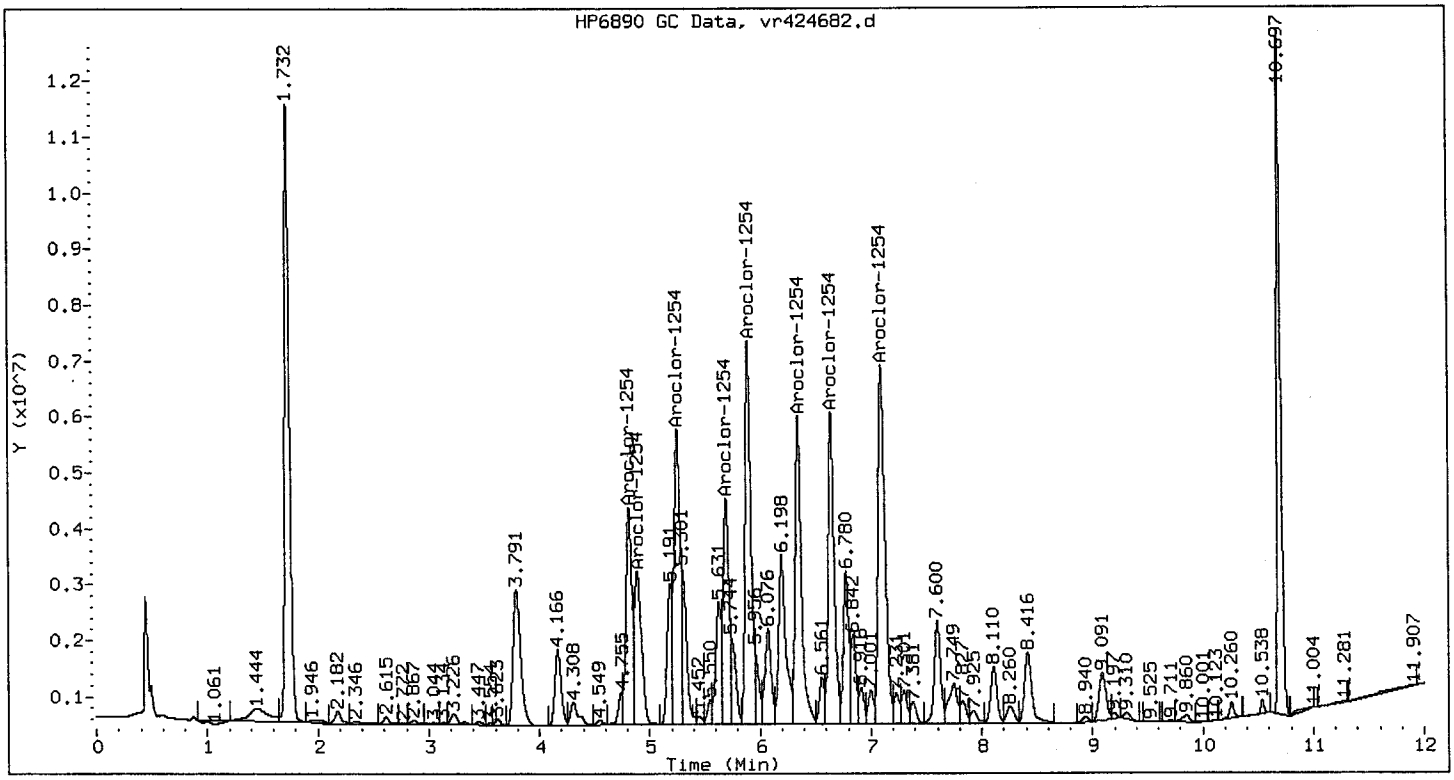
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424682.d

Compound		Midpoint Standard Response Factor
Aroclor-1254		14522.40
	2	12062.69
	3	21205.32
	4	15407.48
	5	24439.06
	6	21776.75
	7	20711.92
	8	27643.03

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg125413_00003a
Lab ID : sg125413_00003a
Inj Date : 24-OCT-2007 17:41
Operator : 615
Cpnd Sublist: AR12540
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	4.816	4.816	0.000	14522395	1000.000	1000.000
(2)		4.890	4.890	0.000	12062686	1000.000	1000.000
(3)		5.256	5.256	0.000	21205321	1000.000	1000.000
(4)		5.697	5.697	0.000	15407477	1000.000	1000.000
(5)		5.897	5.897	0.000	24439055	1000.000	1000.000
(6)		6.349	6.349	0.000	21776751	1000.000	1000.000
(7)		6.648	6.648	0.000	20711923	1000.000	1000.000
(8)		7.098	7.098	0.000	27643032	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

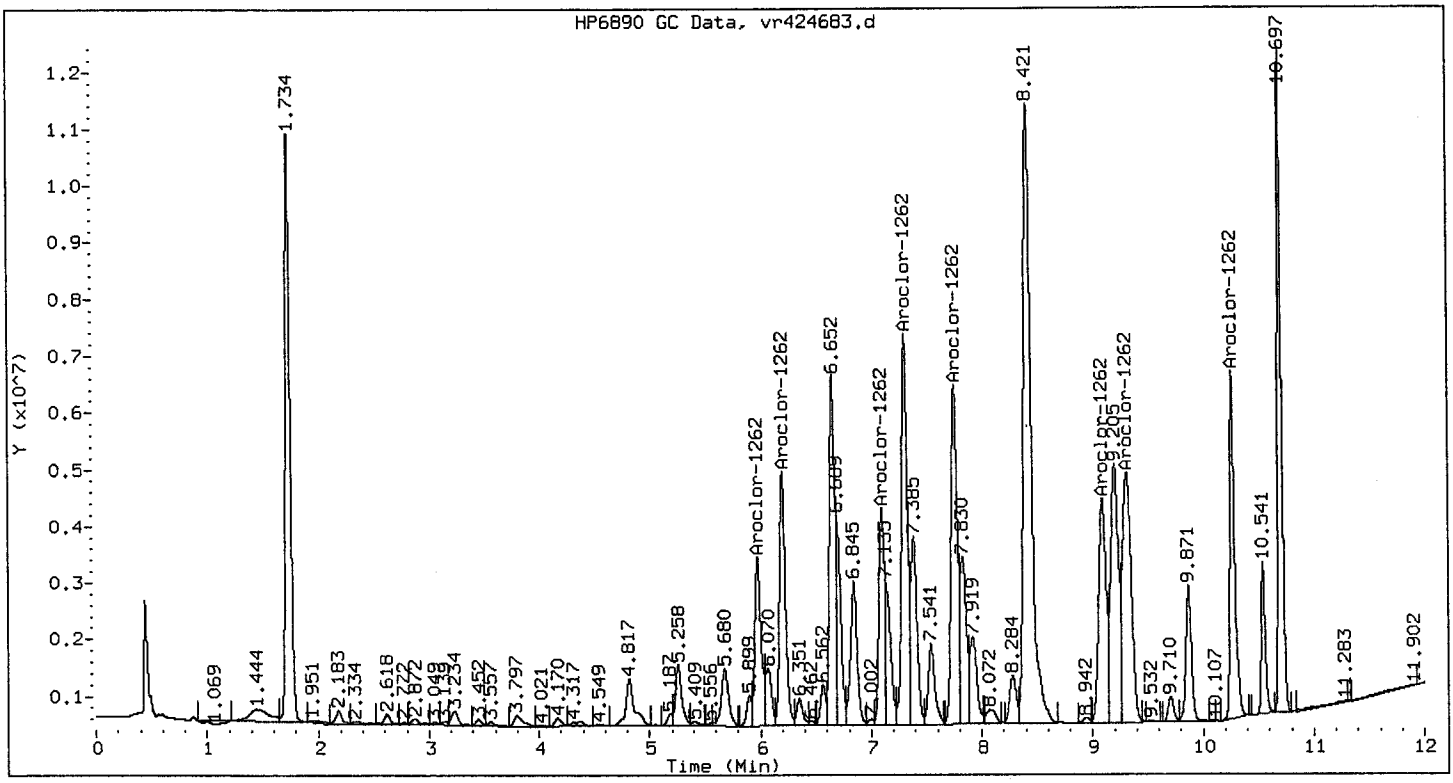
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424683.d

Compound	Midpoint Standard Response Factor
Aroclor-1262	11681.44
2	16626.27
3	13697.52
4	26118.81
5	24351.10
6	18472.46
7	24916.05
8	18085.64

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg126213_00002a
Lab ID : sg126213_00002a
Inj Date : 24-OCT-2007 17:57
Operator : 615
Cpnd Sublist: AR12620
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.976	5.976	0.000	11681440	1000.000	1000.000
(2)		6.200	6.200	0.000	16626272	1000.000	1000.000
(3)		7.099	7.099	0.000	13697518	1000.000	1000.000
(4)		7.305	7.305	0.000	26118807	1000.000	1000.000
(5)		7.756	7.756	0.000	24351098	1000.000	1000.000
(6)		9.094	9.094	0.000	18472463	1000.000	1000.000
(7)		9.315	9.315	0.000	24916054	1000.000	1000.000
(8)		10.264	10.264	0.000	18085636	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

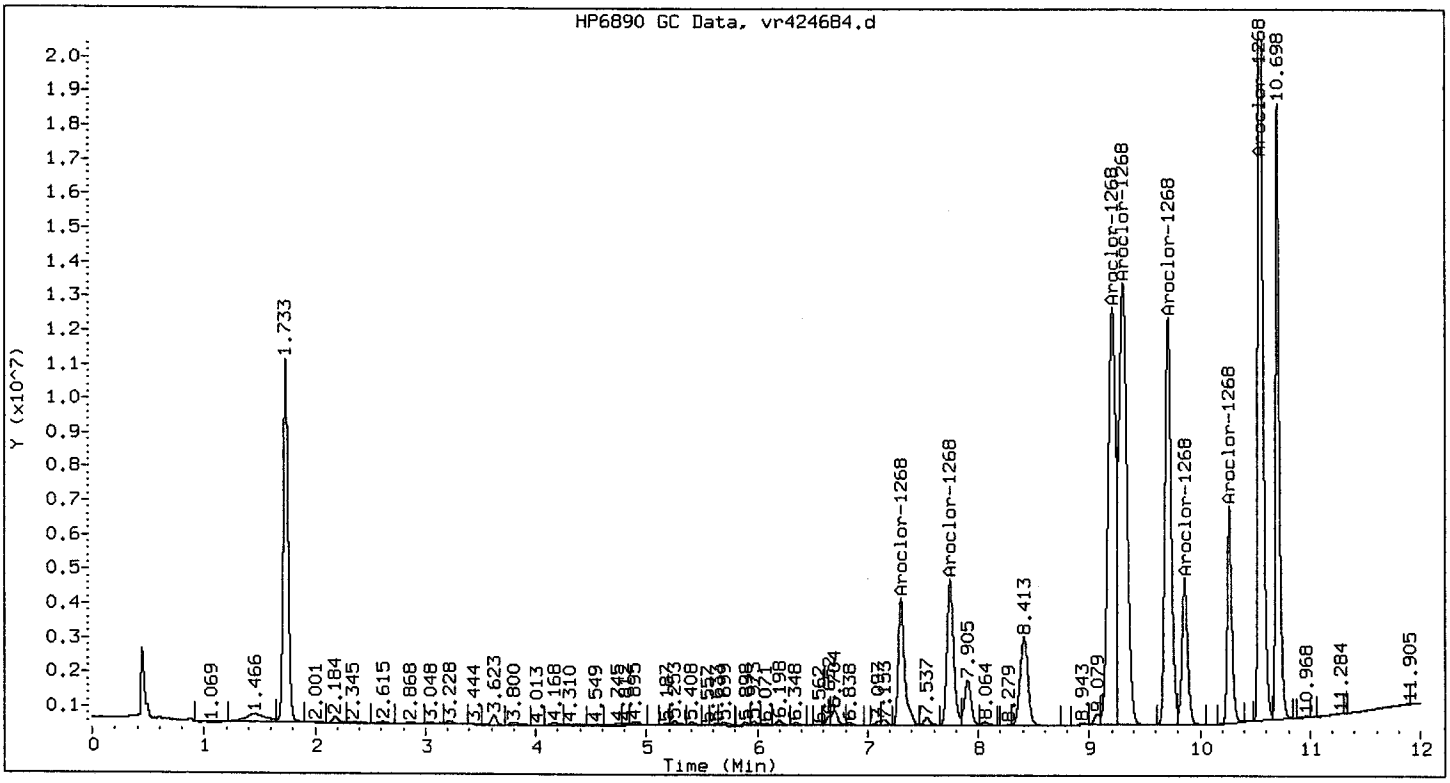
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424684.d

Compound		Midpoint Standard Response Factor
Aroclor-1268		15236.26
	2	17933.81
	3	57975.69
	4	66771.63
	5	46057.07
	6	15606.82
	7	17808.32
	8	90698.73

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/06Vr8082.m
Sample Info : sg12681l3_00002a
Lab ID : sg12681l3_00002a
Inj Date : 24-OCT-2007 18:12
Operator : 615
Cpnd Sublist: AR12680
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	(M)	7.304	7.304	0.000	15236263	1000.000	1000.000
(2)		7.746	7.746	0.000	17933812	1000.000	1000.000
(3)		9.205	9.205	0.000	57975692	1000.000	1000.000
(4)		9.302	9.302	0.000	66771627	1000.000	1000.000
(5)		9.712	9.712	0.000	46057072	1000.000	1000.000
(6)		9.861	9.861	0.000	15606815	1000.000	1000.000
(7)		10.263	10.263	0.000	17808324	1000.000	1000.000
(8)		10.541	10.541	0.000	90698728	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/vr425422.d
Method: /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/06Vr8082.m

Sample Information: sg166013_00003d
Injection Date: 21-NOV-2007 05:13

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.167	1000	986.60	1.34
Aroclor-1016	2	2.615	1000	1004.95	0.50
Aroclor-1016	3	2.867	1000	1027.77	2.78
Aroclor-1016	4	3.226	1000	1078.09	7.81
Aroclor-1016	5	3.444	1000	1022.46	2.25
Aroclor-1016	6	3.546	1000	1079.99	8.00
Aroclor-1016	7	4.162	1000	996.92	0.31
Aroclor-1016	8	4.311	1000	904.09	9.59
Aroclor-1260	1	6.183	1000	951.73	4.83
Aroclor-1260	2	6.634	1000	943.21	5.68
Aroclor-1260	3	7.082	1000	943.79	5.62
Aroclor-1260	4	7.284	1000	920.73	7.93
Aroclor-1260	5	7.732	1000	908.18	9.18
Aroclor-1260	6	9.063	1000	952.00	4.80
Aroclor-1260	7	9.286	1000	987.43	1.26
Aroclor-1260	8	10.248	1000	966.76	3.32

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.734	100	103.16	3.16
Decachlorobiphenyl(sur	10.687	100	85.56	14.44

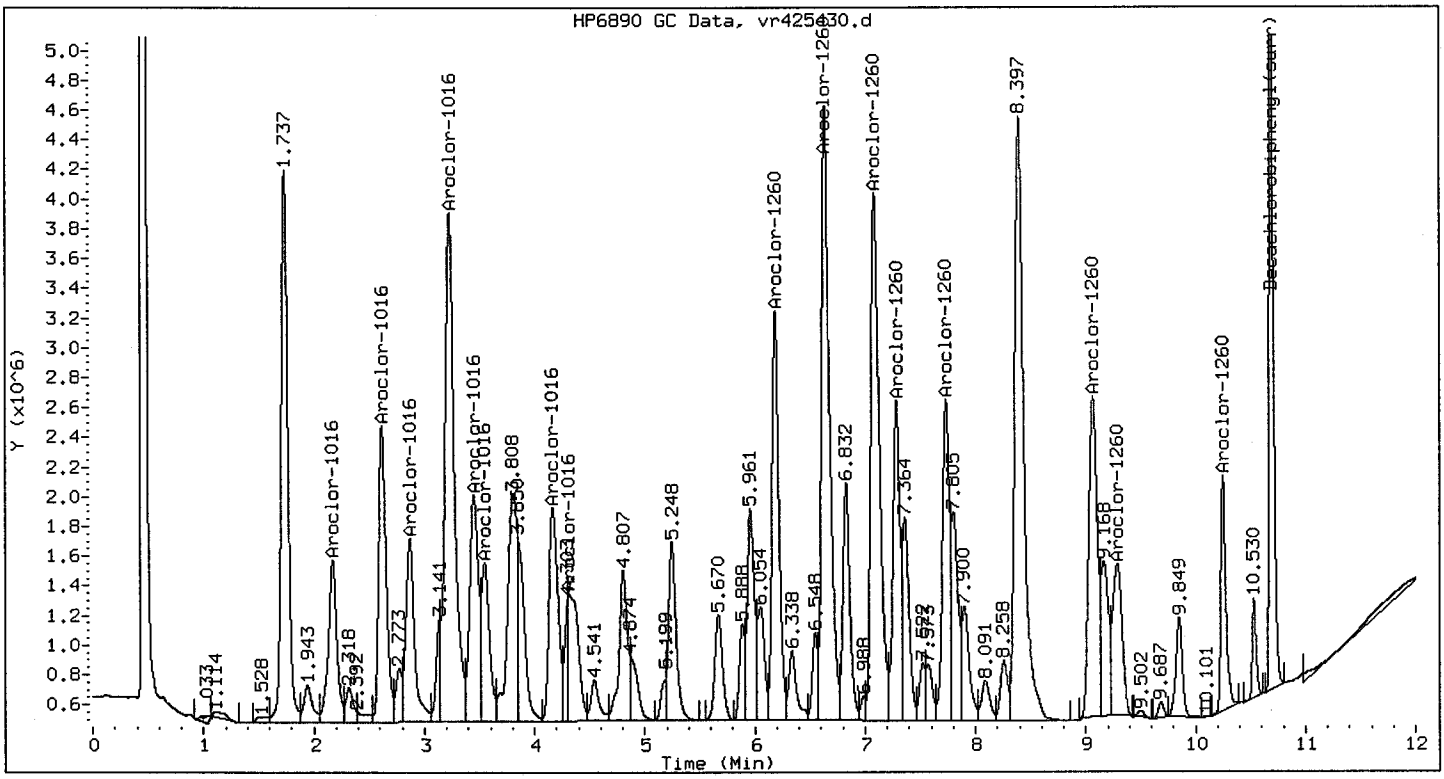
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424673.d
Injection Date: 24-OCT-2007 15:23

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/vr425422.d
Injection Date: 21-NOV-2007 05:13

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.171	(2.101 - 2.241)	2.167	
	2.620	(2.550 - 2.690)	2.615	
	2.873	(2.803 - 2.943)	2.867	
	3.235	(3.165 - 3.305)	3.226	
	3.453	(3.383 - 3.523)	3.444	
	3.558	(3.488 - 3.628)	3.546	
	4.174	(4.104 - 4.244)	4.162	
	4.319	(4.249 - 4.389)	4.311	
Aroclor-1260	6.201	(6.131 - 6.271)	6.183	
	6.652	(6.582 - 6.722)	6.634	
	7.101	(7.031 - 7.171)	7.082	
	7.306	(7.236 - 7.376)	7.284	
	7.757	(7.687 - 7.827)	7.732	
	9.097	(9.027 - 9.167)	9.063	
	9.319	(9.249 - 9.389)	9.286	
	10.264	(10.194 - 10.334)	10.248	
Tetrachloro-m-xylene(surr)	1.735	(1.685 - 1.785)	1.734	
Decachlorobiphenyl(surr)	10.699	(10.599 - 10.799)	10.687	



Method : /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/06Vr8082.m
Sample Info : 6240BS;BS61443
Lab ID : 6240BS
Inj Date : 21-NOV-2007 07:15
Operator : 615 11-26-07
Cpnd Sublist: PCB8082+

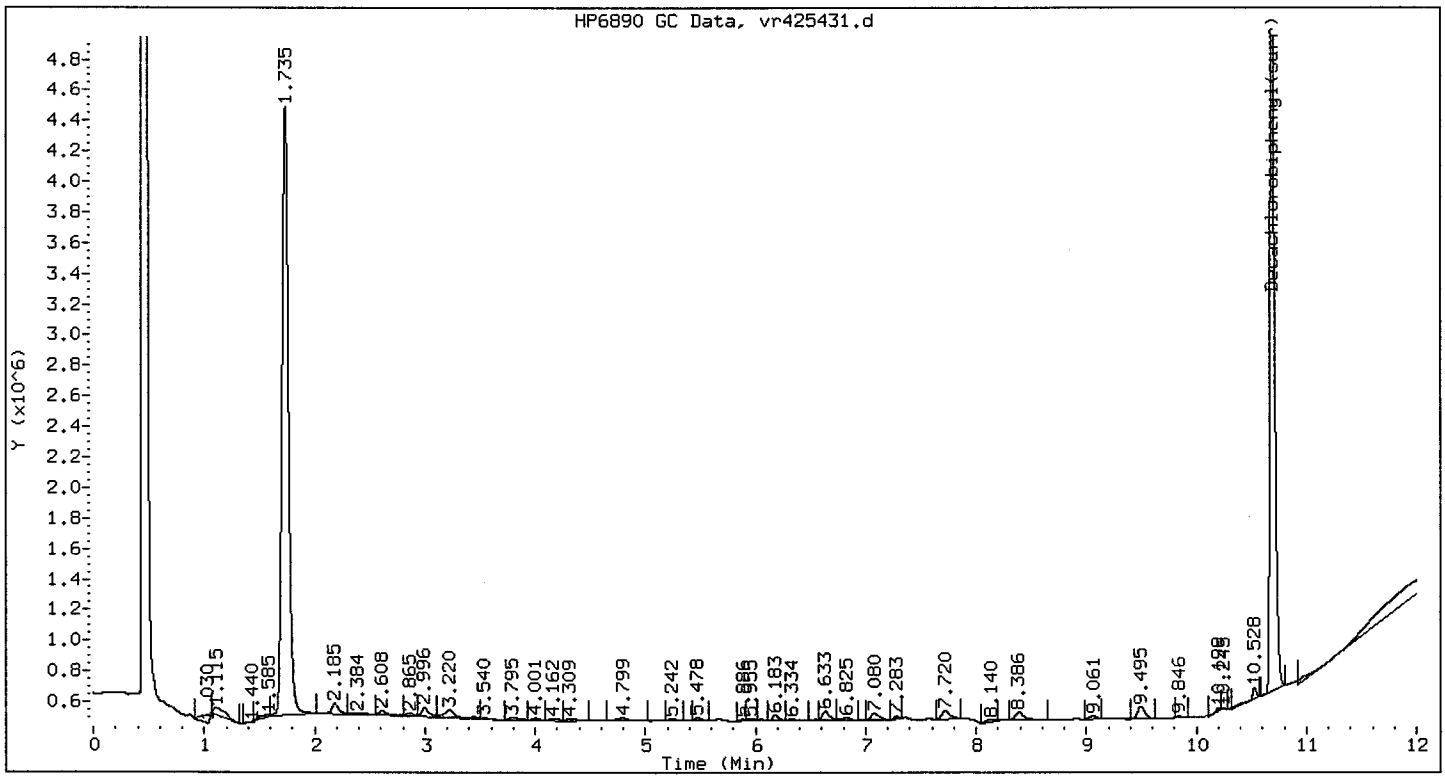
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.170	2.167	0.003	5868270	633.127	422.085
(2)		2.618	2.615	0.004	9461674	596.519	397.679
(3)		2.870	2.867	0.004	6893191	667.305	444.870
(4)		3.231	3.226	0.005	21023453	638.905	425.937
(5)		3.449	3.444	0.005	8225895	585.683	390.455
(6)		3.548	3.546	0.003	5463693	615.161	410.108
(7)		4.167	4.162	0.004	8156234	551.908	367.938
(8)		4.314	4.311	0.004	5462550	784.049	522.699
Average of peak concentrations:							420.00
Aroclor-1260		6.187	6.183	0.004	12069011	544.756	363.171
(2)		6.638	6.634	0.004	21092664	541.539	361.026
(3)		7.086	7.082	0.004	19504953	528.881	352.588
(4)		7.288	7.284	0.004	9294325	528.970	352.647
(5)		7.735	7.732	0.003	9834067	509.447	339.631
(6)		9.066	9.063	0.003	11701578	509.294	339.529

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.290	9.286	0.004	6184811	515.641	343.761
(8)	10.250	10.248	0.002	4897456	481.905	321.270
Average of peak concentrations:						350.00
Decachlorobiphenyl(surr)	10.688	10.687	0.000	13249860	43.934	29.289

COMMENTS:

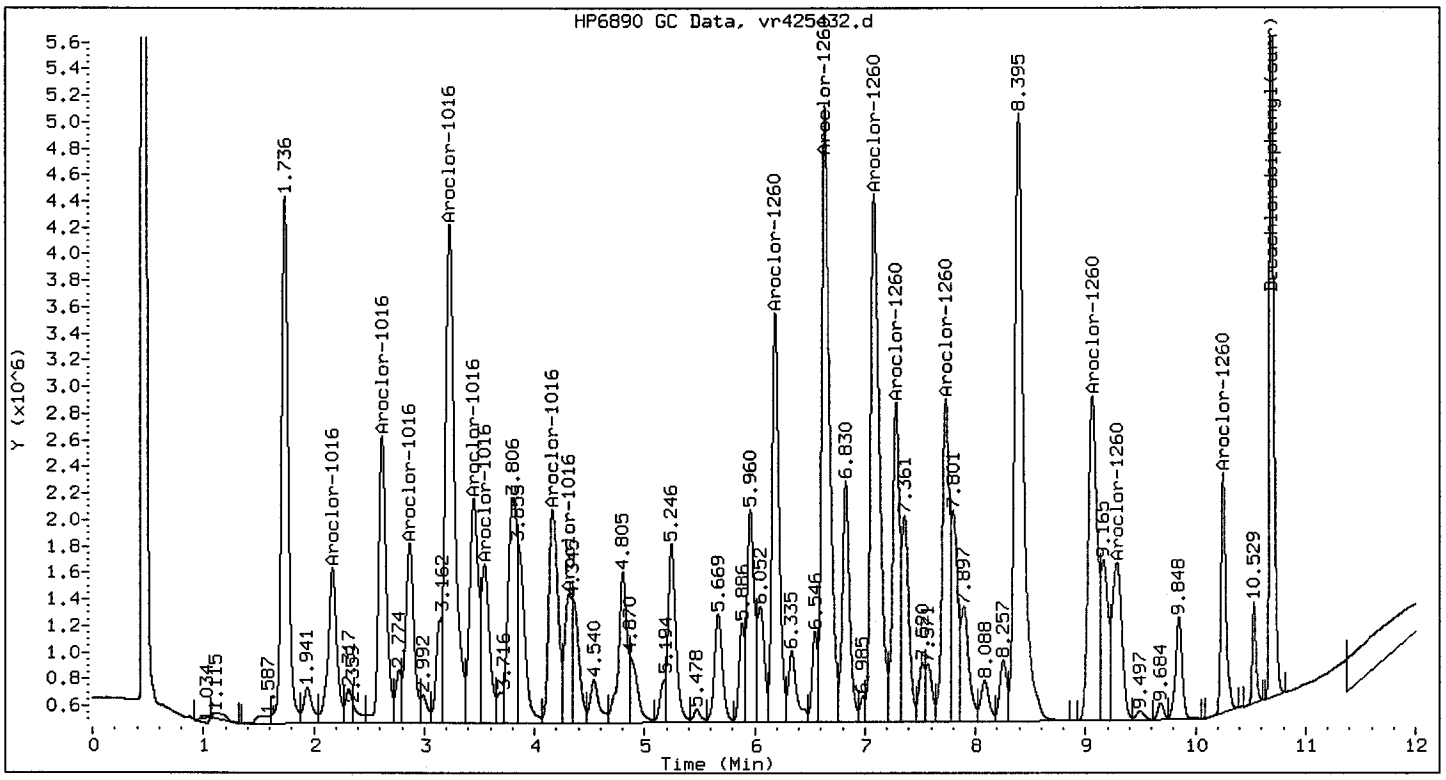
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/06Vr8082.m
Sample Info : 878527;4007924
Lab ID : 878527
Inj Date : 21-NOV-2007 07:31
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.686	10.687	0.001	14526317	48.166	34.528



Method : /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/06Vr8082.m
Sample Info : 878527MS;4010190
Lab ID : 878527MS
Inj Date : 21-NOV-2007 07:46
Operator : 615 11-26-07
Cpnd Sublist: PCB8082+

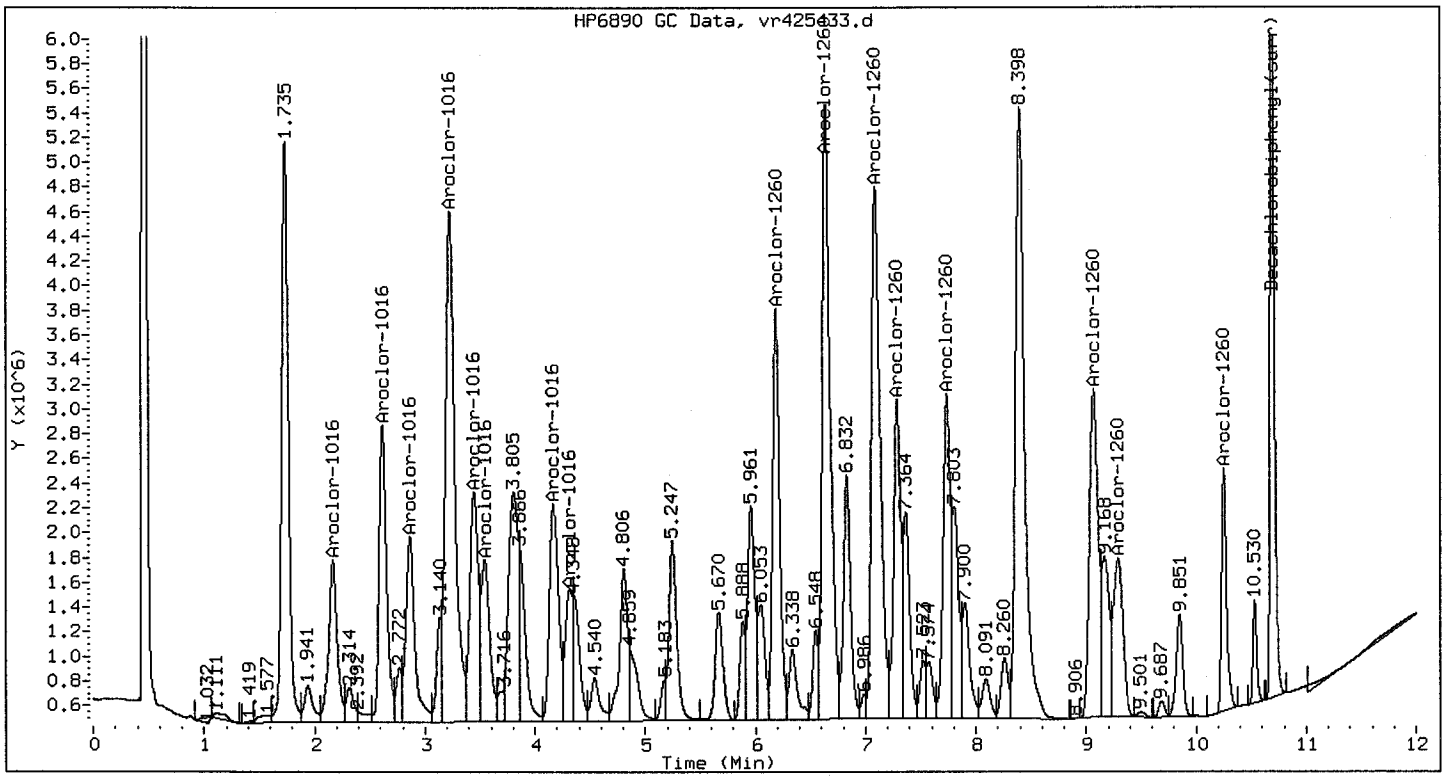
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.170	2.167	0.002	6371412	687.411	492.768
(2)		2.618	2.615	0.003	10573217	666.597	477.847
(3)		2.870	2.867	0.003	7063408	683.783	490.167
(4)		3.230	3.226	0.004	22206142	674.847	483.762
(5)		3.449	3.444	0.005	9123020	649.558	465.633
(6)		3.548	3.546	0.002	6292139	708.437	507.840
(7)		4.166	4.162	0.004	9270682	627.319	449.691
(8)		4.314	4.311	0.003	4403737	632.076	453.101
Average of peak concentrations:							480.00
Aroclor-1260		6.185	6.183	0.001	13657075	616.436	441.890
(2)		6.635	6.634	0.001	23783420	610.622	437.722
(3)		7.084	7.082	0.001	22159517	600.860	430.724
(4)		7.285	7.284	0.000	10444555	594.434	426.117
(5)		7.732	7.732	0.000	11174595	578.892	414.977
(6)		9.063	9.063	0.000	13470966	586.304	420.290

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.285	9.286	0.000	7390266	616.142	441.679
(8)	10.249	10.248	0.000	5585385	549.597	393.976
Average of peak concentrations:						420.00
Decachlorobiphenyl(surr)	10.687	10.687	0.000	15172391	50.308	36.063

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/06Vr8082.m
Sample Info : 878527SD;4010191
Lab ID : 878527MSD
Inj Date : 21-NOV-2007 08:01
Operator : 615 KS 11-26-07
Cpnd Sublist: PCB8082+

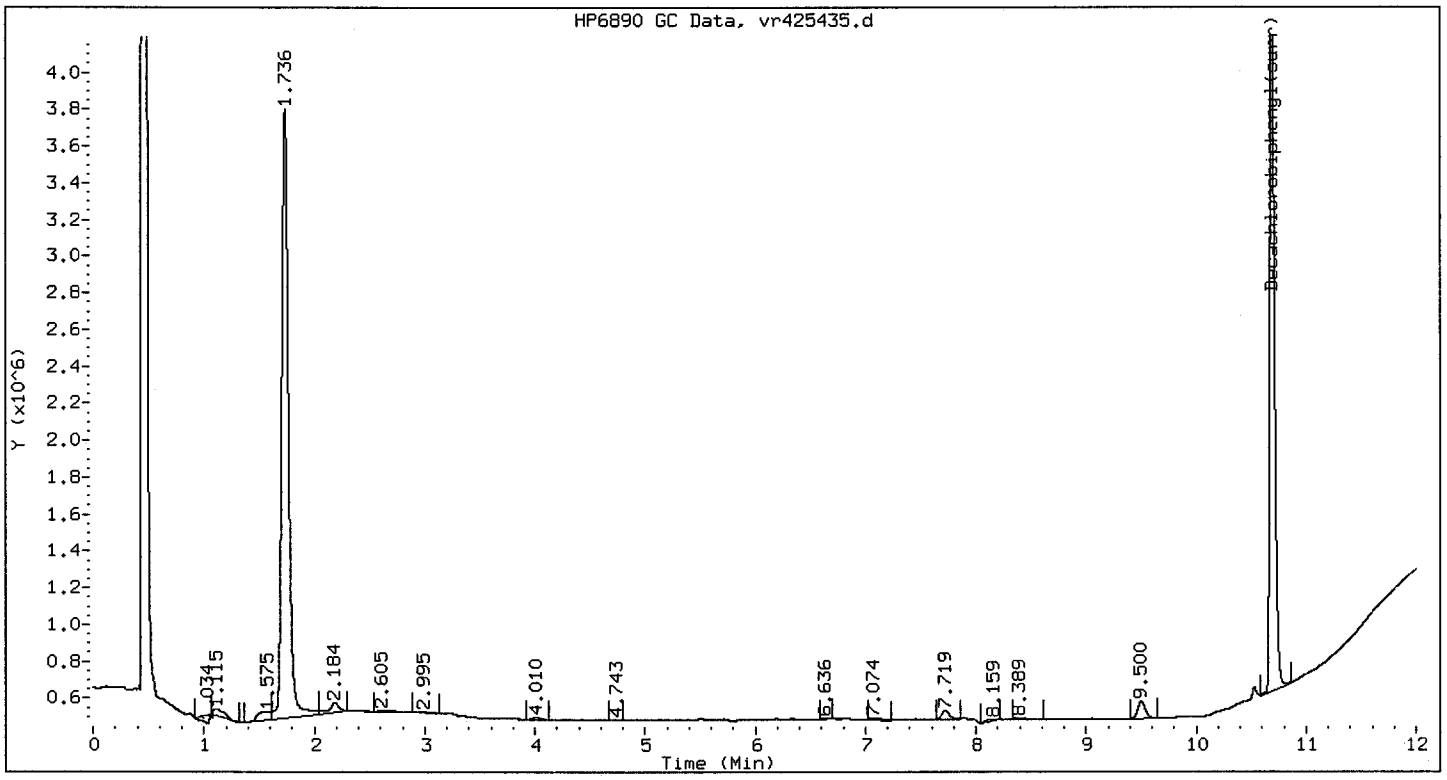
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.168	2.167	0.001	7108716	766.959	549.791
(2)		2.616	2.615	0.001	11542147	727.684	521.637
(3)		2.868	2.867	0.001	8499850	822.840	589.849
(4)		3.228	3.226	0.002	25127186	763.618	547.397
(5)		3.446	3.444	0.002	10049610	715.531	512.925
(6)		3.546	3.546	0.000	6902708	777.181	557.119
(7)		4.166	4.162	0.004	10152874	687.014	492.483
(8)		4.314	4.311	0.004	4988212	715.966	513.237
Average of peak concentrations:							540.00
Aroclor-1260		6.187	6.183	0.004	14722458	664.524	476.361
(2)		6.638	6.634	0.004	25668887	659.030	472.423
(3)		7.086	7.082	0.004	23953786	649.512	465.600
(4)		7.287	7.284	0.003	11187498	636.717	456.428
(5)		7.735	7.732	0.003	11965547	619.867	444.349
(6)		9.068	9.063	0.004	14673952	638.662	457.822

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.289	9.286	0.004	7972507	664.685	476.477
(8)	10.250	10.248	0.002	6060549	596.352	427.493
Average of peak concentrations:						460.00
Decachlorobiphenyl(surr)	10.688	10.687	0.000	16638552	55.170	39.548

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07d.b/06Vr8082.m
Sample Info : SP324A;MB76725
Lab ID : SP324A
Inj Date : 21-NOV-2007 08:32
Operator : 615
Cpnd Sublist: PCB8082+

11-26-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	10.688	10.687	0.000	12341151	40.920	27.280

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07e.b/vr425437.d
Method: /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07e.b/06Vr8082.m

Sample Information: sg166013_00003e
Injection Date: 21-NOV-2007 09:02

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.169	1000	1024.18	2.42
Aroclor-1016	2	2.616	1000	1028.08	2.81
Aroclor-1016	3	2.866	1000	1088.34	8.83
Aroclor-1016	4	3.226	1000	1088.97	8.90
Aroclor-1016	5	3.445	1000	1032.80	3.28
Aroclor-1016	6	3.546	1000	1114.82	11.48
Aroclor-1016	7	4.163	1000	1022.35	2.24
Aroclor-1016	8	4.311	1000	1019.02	1.90
Aroclor-1260	1	6.184	1000	989.65	1.04
Aroclor-1260	2	6.635	1000	982.08	1.79
Aroclor-1260	3	7.083	1000	985.03	1.50
Aroclor-1260	4	7.285	1000	919.04	8.10
Aroclor-1260	5	7.732	1000	946.10	5.39
Aroclor-1260	6	9.062	1000	987.84	1.22
Aroclor-1260	7	9.286	1000	1035.45	3.54
Aroclor-1260	8	10.249	1000	986.63	1.34

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.735	100	107.22	7.22
Decachlorobiphenyl(sur	10.687	100	89.61	10.39

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424673.d
Injection Date: 24-OCT-2007 15:23

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Nov07/11-20-07/20nov07e.b/vr425437.d
Injection Date: 21-NOV-2007 09:02

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.171	(2.101 - 2.241)	2.169	
	2.620	(2.550 - 2.690)	2.616	
	2.873	(2.803 - 2.943)	2.866	
	3.235	(3.165 - 3.305)	3.226	
	3.453	(3.383 - 3.523)	3.445	
	3.558	(3.488 - 3.628)	3.546	
	4.174	(4.104 - 4.244)	4.163	
	4.319	(4.249 - 4.389)	4.311	
Aroclor-1260	6.201	(6.131 - 6.271)	6.184	
	6.652	(6.582 - 6.722)	6.635	
	7.101	(7.031 - 7.171)	7.083	
	7.306	(7.236 - 7.376)	7.285	
	7.757	(7.687 - 7.827)	7.732	
	9.097	(9.027 - 9.167)	9.062	
	9.319	(9.249 - 9.389)	9.286	
	10.264	(10.194 - 10.334)	10.249	
Tetrachloro-m-xylene(surr)	1.735	(1.685 - 1.785)	1.735	
Decachlorobiphenyl(surr)	10.699	(10.599 - 10.799)	10.687	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07b.b/vr425461.d
Method: /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07b.b/06Vr8082.m

Sample Information: SG1660L3_00003B
Injection Date: 21-NOV-2007 18:44

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.168	1000	978.40	2.16
Aroclor-1016	2	2.615	1000	1057.20	5.72
Aroclor-1016	3	2.865	1000	1113.82	11.38
Aroclor-1016	4	3.226	1000	1115.12	11.51
Aroclor-1016	5	3.444	1000	1028.39	2.84
Aroclor-1016	6	3.545	1000	1101.62	10.16
Aroclor-1016	7	4.163	1000	1042.30	4.23
Aroclor-1016	8	4.310	1000	1013.26	1.33
Aroclor-1260	1	6.185	1000	1015.81	1.58
Aroclor-1260	2	6.635	1000	1010.50	1.05
Aroclor-1260	3	7.084	1000	1017.87	1.79
Aroclor-1260	4	7.285	1000	1003.68	0.37
Aroclor-1260	5	7.734	1000	978.96	2.10
Aroclor-1260	6	9.065	1000	1028.07	2.81
Aroclor-1260	7	9.289	1000	1083.32	8.33
Aroclor-1260	8	10.250	1000	998.53	0.15

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.735	100	108.53	8.53
Decachlorobiphenyl(sur	10.687	100	93.52	6.48

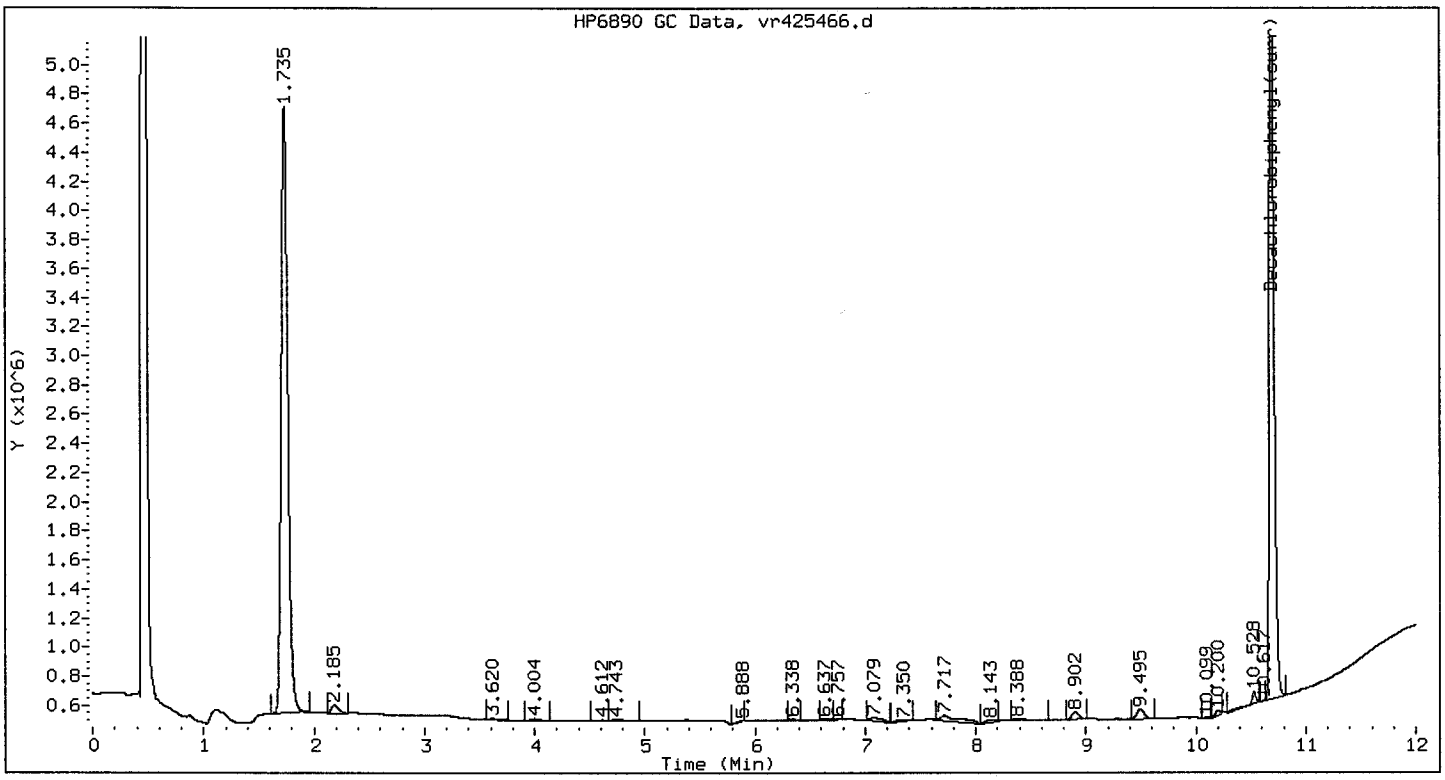
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424673.d
Injection Date: 24-OCT-2007 15:23

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07b.b/vr425461.d
Injection Date: 21-NOV-2007 18:44

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.171	(2.101 - 2.241)	2.168	
	2.620	(2.550 - 2.690)	2.615	
	2.873	(2.803 - 2.943)	2.865	
	3.235	(3.165 - 3.305)	3.226	
	3.453	(3.383 - 3.523)	3.444	
	3.558	(3.488 - 3.628)	3.545	
	4.174	(4.104 - 4.244)	4.163	
	4.319	(4.249 - 4.389)	4.310	
Aroclor-1260	6.201	(6.131 - 6.271)	6.185	
	6.652	(6.582 - 6.722)	6.635	
	7.101	(7.031 - 7.171)	7.084	
	7.306	(7.236 - 7.376)	7.285	
	7.757	(7.687 - 7.827)	7.734	
	9.097	(9.027 - 9.167)	9.065	
	9.319	(9.249 - 9.389)	9.289	
	10.264	(10.194 - 10.334)	10.250	
Tetrachloro-m-xylene(surr)	1.735	(1.685 - 1.785)	1.735	
Decachlorobiphenyl(surr)	10.699	(10.599 - 10.799)	10.687	



Method : /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07b.b/06Vr8082.m
Sample Info : 878526;4007895
Lab ID : 878526
Inj Date : 21-NOV-2007 20:00
Operator : 615 11-26-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.687	10.687	0.000	16377249	54.303	38.885

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07c.b/vr425484.d
Method: /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07c.b/06Vr8082.m

Sample Information: SG1660L3_00003C
Injection Date: 22-NOV-2007 00:36

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.169	1000	1039.12	3.91
Aroclor-1016	2	2.617	1000	1038.30	3.83
Aroclor-1016	3	2.868	1000	1104.95	10.50
Aroclor-1016	4	3.228	1000	1114.71	11.47
Aroclor-1016	5	3.447	1000	1034.00	3.40
Aroclor-1016	6	3.546	1000	1118.45	11.85
Aroclor-1016	7	4.165	1000	993.84	0.62
Aroclor-1016	8	4.313	1000	1028.08	2.81
Aroclor-1260	1	6.185	1000	1017.42	1.74
Aroclor-1260	2	6.636	1000	1009.58	0.96
Aroclor-1260	3	7.084	1000	1016.65	1.67
Aroclor-1260	4	7.286	1000	960.94	3.91
Aroclor-1260	5	7.734	1000	972.62	2.74
Aroclor-1260	6	9.064	1000	1010.92	1.09
Aroclor-1260	7	9.287	1000	1070.86	7.09
Aroclor-1260	8	10.249	1000	1050.24	5.02

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.735	100	107.77	7.77
Decachlorobiphenyl(sur	10.687	100	93.90	6.10

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Oct07/10-24-07aical/24oct07a.b/vr424673.d
Injection Date: 24-OCT-2007 15:23

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Nov07/11-21-07/21nov07c.b/vr425484.d
Injection Date: 22-NOV-2007 00:36

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.171	(2.101 - 2.241)	2.169	
	2.620	(2.550 - 2.690)	2.617	
	2.873	(2.803 - 2.943)	2.868	
	3.235	(3.165 - 3.305)	3.228	
	3.453	(3.383 - 3.523)	3.447	
	3.558	(3.488 - 3.628)	3.546	
	4.174	(4.104 - 4.244)	4.165	
	4.319	(4.249 - 4.389)	4.313	
Aroclor-1260	6.201	(6.131 - 6.271)	6.185	
	6.652	(6.582 - 6.722)	6.636	
	7.101	(7.031 - 7.171)	7.084	
	7.306	(7.236 - 7.376)	7.286	
	7.757	(7.687 - 7.827)	7.734	
	9.097	(9.027 - 9.167)	9.064	
	9.319	(9.249 - 9.389)	9.287	
	10.264	(10.194 - 10.334)	10.249	
Tetrachloro-m-xylene(surr)	1.735	(1.685 - 1.785)	1.735	
Decachlorobiphenyl(surr)	10.699	(10.599 - 10.799)	10.687	

Metals Forms and Data

Analytical Results Summary

Client ID: **F-Dup-1**
Site: **National Grid**

Lab Sample No: 878526
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07

Matrix: SOLID
Level: LOW
% Moisture: 6.9

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	4750	13.4		P
Antimony	ND	1.2	N	P
Arsenic	2.3	0.69		P
Barium	24.6	0.37	B	P
Beryllium	0.13	0.064	B	P
Cadmium	0.29	0.086	B	P
Calcium	28200	9.1	*	P
Chromium	17.0	0.34		P
Cobalt	4.5	0.37	B	P
Copper	12.7	0.79		P
Iron	13200	8.4		P
Lead	5.6	0.58	*	P
Magnesium	8590	8.9		P
Manganese	270	0.26	*	P
Mercury	ND	0.018		CV
Nickel	12.1	0.52		P
Potassium	444	67.8	BN	P
Selenium	ND	0.90		P
Silver	ND	0.30		P
Sodium	ND	85.0		P
Thallium	ND	1.0		P
Vanadium	11.0	0.64		P
Zinc	32.5	1.2		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **Fill-1**
Site: **National Grid**

Lab Sample No: 878527
Lab Job No: N763

Date Sampled: 11/15/07
Date Received: 11/19/07

Matrix: SOLID
Level: LOW
% Moisture: 7.0

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	5410	13.5		P
Antimony	ND	1.2	N	P
Arsenic	3.3	0.69		P
Barium	24.5	0.37	B	P
Beryllium	0.16	0.065	B	P
Cadmium	0.29	0.086	B	P
Calcium	24900	9.1	*	P
Chromium	8.8	0.34		P
Cobalt	5.0	0.37	B	P
Copper	14.4	0.80		P
Iron	14600	8.4		P
Lead	6.6	0.58	*	P
Magnesium	9250	8.9		P
Manganese	250	0.26	*	P
Mercury	ND	0.018		CV
Nickel	13.1	0.52		P
Potassium	518	67.8	BN	P
Selenium	ND	0.90		P
Silver	ND	0.30		P
Sodium	86.8	85.1	B	P
Thallium	ND	1.0		P
Vanadium	10.3	0.65	B	P
Zinc	32.2	1.2		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Blank Results Summary

BLANKS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	62.6	U	62.6	U	62.6	U	64.8	B	6.260	U	P
Antimony	5.8	U	5.8	U	5.8	U	5.8	U	0.686	B	P
Arsenic	3.2	U	3.2	U	3.2	U	3.2	U	0.320	U	P
Barium	1.7	U	1.7	U	1.7	U	1.7	U	0.170	U	P
Beryllium	0.3	U	-0.6	B	-0.7	B	-0.8	B	-0.046	B	P
Cadmium	0.6	B	0.4	U	0.4	U	0.4	U	0.066	B	P
Calcium	42.5	U	42.5	U	42.5	U	42.5	U	4.250	U	P
Chromium	1.6	U	1.6	U	1.6	U	1.6	U	0.191	B	P
Cobalt	1.7	U	1.7	U	1.7	U	1.7	U	0.170	U	P
Copper	3.7	U	3.7	U	3.7	U	3.7	U	0.370	U	P
Iron	39.2	U	39.2	U	39.2	U	39.2	U	4.793	B	P
Lead	2.7	U	2.7	U	3.2	B	2.7	U	0.270	U	P
Magnesium	41.6	U	41.6	U	41.6	U	41.6	U	4.160	U	P
Manganese	1.2	U	1.2	U	1.2	U	1.2	U	0.120	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.017	U	CV
Nickel	2.4	U	2.4	U	2.4	U	2.4	U	0.240	U	P
Potassium	316.1	B	315.4	U	315.4	U	315.4	U	31.540	U	P
Selenium	4.2	U	4.2	U	4.2	U	4.2	U	0.420	U	P
Silver	1.4	U	1.4	U	1.4	U	1.4	U	0.140	U	P
Sodium	395.5	U	395.5	U	395.5	U	395.5	U	39.550	U	P
Thallium	8.3	B	4.7	U	5.4	B	4.7	U	0.470	U	P
Vanadium	3.0	U	3.0	U	3.0	U	3.0	U	0.300	U	P
Zinc	5.8	U	5.8	U	5.8	U	5.8	U	0.580	U	P
Molybdenu											NR

BLANKS

Lab Name: TESTAMERICA_____ _____

Lab Code: 12028_ Lab Job No.: _N763 _____ Batch No.: 23590_

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			66.3	B	71.6	B					P
Antimony			5.8	U	5.8	U					P
Arsenic			3.2	U	3.2	U					P
Barium			1.7	U	1.7	U					P
Beryllium			-0.9	B	-1.0	B					P
Cadmium			0.4	U	0.4	U					P
Calcium			42.5	U	42.5	U					P
Chromium			1.6	U	1.6	U					P
Cobalt			1.7	U	1.7	U					P
Copper			3.7	U	3.7	U					P
Iron			39.2	U	39.2	U					P
Lead			2.7	U	2.7	U					P
Magnesium			41.6	U	41.6	U					P
Manganese			1.2	U	1.2	U					P
Mercury											NR
Nickel			2.4	U	2.4	U					P
Potassium			315.4	U	315.4	U					P
Selenium			4.2	U	4.2	U					P
Silver			1.4	U	1.4	U					P
Sodium			395.5	U	395.5	U					P
Thallium			4.7	U	5.1	B					P
Vanadium			3.8	B	3.1	B					P
Zinc			5.8	U	5.8	U					P
Molybdenu											NR

Calibration Summary

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	125000.0	125945.1	100.8	125000.0	124493.3	99.6	126112.3	100.9	P
Antimony	1000.0	954.16	95.4	1000.0	924.83	92.5	948.00	94.8	P
Arsenic	5000.0	4952.31	99.0	5000.0	4811.78	96.2	4916.58	98.3	P
Barium	10000.0	10039.15	100.4	10000.0	9888.46	98.9	9997.05	100.0	P
Beryllium	1000.0	1014.76	101.5	1000.0	972.82	97.3	985.62	98.6	P
Cadmium	2500.0	2485.79	99.4	2500.0	2363.62	94.5	2393.56	95.7	P
Calcium	125000.0	127685.7	102.1	125000.0	122507.8	98.0	124303.3	99.4	P
Chromium	5000.0	4992.80	99.9	5000.0	4829.66	96.6	4886.73	97.7	P
Cobalt	2500.0	2482.85	99.3	2500.0	2403.86	96.2	2444.07	97.8	P
Copper	12500.0	12581.11	100.6	12500.0	12451.30	99.6	12594.93	100.8	P
Iron	100000.0	100255.6	100.3	100000.0	96872.20	96.9	98298.45	98.3	P
Lead	10000.0	10069.35	100.7	10000.0	9724.07	97.2	9888.30	98.9	P
Magnesium	125000.0	124948.3	100.0	125000.0	121468.0	97.2	123130.1	98.5	P
Manganese	5000.0	5046.40	100.9	5000.0	4870.52	97.4	4919.28	98.4	P
Mercury	5.0	5.08	101.6	5.0	5.00	100.0	5.04	100.8	CV
Nickel	2500.0	2474.84	99.0	2500.0	2393.09	95.7	2427.63	97.1	P
Potassium	50000.0	49063.72	98.1	50000.0	48931.97	97.9	49340.73	98.7	P
Selenium	5000.0	5080.92	101.6	5000.0	4982.78	99.7	5066.43	101.3	P
Silver	1250.0	1268.68	101.5	1250.0	1245.08	99.6	1263.17	101.1	P
Sodium	125000.0	119818.9	95.9	125000.0	119038.7	95.2	120467.9	96.4	P
Thallium	5000.0	4970.01	99.4	5000.0	4869.10	97.4	4948.35	99.0	P
Vanadium	2500.0	2565.51	102.6	2500.0	2484.54	99.4	2511.36	100.5	P
Zinc	7500.0	7391.87	98.6	7500.0	7001.59	93.4	7096.50	94.6	P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; ICP Metals 90-110; Furnace AA Metals 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				125000.0	126204.6	101.0	126131.1	100.9	P
Antimony				1000.0	928.07	92.8	933.47	93.3	P
Arsenic				5000.0	4931.25	98.6	4926.68	98.5	P
Barium				10000.0	9927.48	99.3	9937.83	99.4	P
Beryllium				1000.0	972.31	97.2	973.84	97.4	P
Cadmium				2500.0	2400.09	96.0	2392.32	95.7	P
Calcium				125000.0	122733.3	98.2	123955.6	99.2	P
Chromium				5000.0	4865.12	97.3	4864.30	97.3	P
Cobalt				2500.0	2444.38	97.8	2446.54	97.9	P
Copper				12500.0	12518.62	100.1	12519.53	100.2	P
Iron				100000.0	97779.44	97.8	98039.30	98.0	P
Lead				10000.0	9884.45	98.8	9897.38	99.0	P
Magnesium				125000.0	122134.9	97.7	122108.9	97.7	P
Manganese				5000.0	4871.23	97.4	4878.97	97.6	P
Mercury				5.0	5.00	100.0			CV
Nickel				2500.0	2448.06	97.9	2441.66	97.7	P
Potassium				50000.0	49417.96	98.8	49557.21	99.1	P
Selenium				5000.0	5122.88	102.5	5131.83	102.6	P
Silver				1250.0	1251.80	100.1	1259.10	100.7	P
Sodium				125000.0	120114.4	96.1	120278.1	96.2	P
Thallium				5000.0	5006.85	100.1	4988.56	99.8	P
Vanadium				2500.0	2480.75	99.2	2487.77	99.5	P
Zinc				7500.0	7046.69	94.0	7058.07	94.1	P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; ICP Metals 90-110; Furnace AA Metals 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				125000.0	123382.5	98.7			P
Antimony				1000.0	924.21	92.4			P
Arsenic				5000.0	4792.26	95.8			P
Barium				10000.0	9770.83	97.7			P
Beryllium				1000.0	945.94	94.6			P
Cadmium				2500.0	2313.78	92.6			P
Calcium				125000.0	120205.8	96.2			P
Chromium				5000.0	4727.96	94.6			P
Cobalt				2500.0	2375.71	95.0			P
Copper				12500.0	12289.55	98.3			P
Iron				100000.0	95187.25	95.2			P
Lead				10000.0	9584.05	95.8			P
Magnesium				125000.0	118958.9	95.2			P
Manganese				5000.0	4742.60	94.9			P
Mercury									NR
Nickel				2500.0	2367.16	94.7			P
Potassium				50000.0	48754.79	97.5			P
Selenium				5000.0	4971.00	99.4			P
Silver				1250.0	1227.81	98.2			P
Sodium				125000.0	118036.3	94.4			P
Thallium				5000.0	4859.91	97.2			P
Vanadium				2500.0	2424.44	97.0			P
Zinc				7500.0	6788.60	90.5			P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; ICP Metals 90-110; Furnace AA Metals 80-120

ICP Interference Check Results Summary

ICP INTERFERENCE CHECK SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

ICP ID Number: TRACE3 TJA61 ICS Source: INORG VENT

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	490873	500496.7	100.1	494083	497121.2	99.4
Antimony		100		94.6	94.6		90.1	90.1
Arsenic		100		93.6	93.6		95.6	95.6
Barium		100		106.5	106.5		104.0	104.0
Beryllium		100		98.7	98.7		95.0	95.0
Cadmium		100		100.1	100.1		97.2	97.2
Calcium	500000	500000	484886	492434.2	98.5	472800	480125.5	96.0
Chromium		100		100.5	100.5		98.6	98.6
Cobalt		100		96.2	96.2		96.4	96.4
Copper		100		107.0	107.0		102.8	102.8
Iron	200000	200000	199110	201898.9	100.9	196466	198700.4	99.4
Lead		100		96.0	96.0		93.2	93.2
Magnesium	500000	500000	535449	544000.4	108.8	528667	533925.1	106.8
Manganese		100		100.1	100.1		97.5	97.5
Mercury								
Nickel		100		106.5	106.5		106.8	106.8
Potassium		10000		10197.8	102.0		10117.1	101.2
Selenium		100		96.2	96.2		94.6	94.6
Silver		100		105.8	105.8		102.7	102.7
Sodium		10000		9676.4	96.8		9439.2	94.4
Thallium		100		96.7	96.7		96.1	96.1
Vanadium		100		101.5	101.5		100.4	100.4
Zinc		100		98.7	98.7		92.9	92.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

ICP ID Number: TRACE3 TJA61 ICS Source: INORG VENT

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000				487764	490808.9	98.2
Antimony		100					92.8	92.8
Arsenic		100					90.7	90.7
Barium		100					102.2	102.2
Beryllium		100					92.9	92.9
Cadmium		100					95.6	95.6
Calcium	500000	500000				463969	472414.5	94.5
Chromium		100					97.3	97.3
Cobalt		100					95.4	95.4
Copper		100					100.8	100.8
Iron	200000	200000				191894	195142.8	97.6
Lead		100					89.8	89.8
Magnesium	500000	500000				518616	522101.6	104.4
Manganese		100					95.6	95.6
Mercury								
Nickel		100					105.0	105.0
Potassium		10000					9997.9	100.0
Selenium		100					94.1	94.1
Silver		100					101.5	101.5
Sodium		10000					9301.0	93.0
Thallium		100					87.1	87.1
Vanadium		100					97.8	97.8
Zinc		100					91.0	91.0

Spike Sample Recovery Summary

LAB SAMPLE NO.

SPIKE SAMPLE RECOVERY

BSS112307

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	210.5998		6.2600	U	200.00	105.3		P
Antimony	75-125	49.7898		0.6862	B	50.00	98.2		P
Arsenic	75-125	192.5025		0.3200	U	200.00	96.3		P
Barium	75-125	193.5886		0.1700	U	200.00	96.8		P
Beryllium	75-125	5.0290		0.0300	U	5.00	100.6		P
Cadmium	75-125	5.0459		0.0661	B	5.00	99.6		P
Calcium	75-125	2018.4379		4.2500	U	2000.00	100.9		P
Chromium	75-125	19.9767		0.1910	B	20.00	98.9		P
Cobalt	75-125	49.4282		0.1700	U	50.00	98.9		P
Copper	75-125	24.5735		0.3700	U	25.00	98.3		P
Iron	75-125	102.1850		4.7933	B	100.00	97.4		P
Lead	75-125	49.4904		0.2700	U	50.00	99.0		P
Magnesium	75-125	1883.8148		4.1600	U	2000.00	94.2		P
Manganese	75-125	49.7573		0.1200	U	50.00	99.5		P
Mercury	75-125	0.1602		0.0167	U	0.17	94.2		CV
Nickel	75-125	49.3276		0.2400	U	50.00	98.7		P
Potassium	75-125	1811.0477		31.5400	U	2000.00	90.6		P
Selenium	75-125	193.2916		0.4200	U	200.00	96.6		P
Silver	75-125	4.8197		0.1400	U	5.00	96.4		P
Sodium	75-125	1794.4801		39.5500	U	2000.00	89.7		P
Thallium	75-125	197.8415		0.4700	U	200.00	98.9		P
Vanadium	75-125	50.0205		0.3000	U	50.00	100.0		P
Zinc	75-125	49.9176		0.5800	U	50.00	99.8		P
Molybdenu									NR

Comments:

LAB SAMPLE NO.

SPIKE SAMPLE RECOVERY

878527MS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 93.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		4962.4991		5411.1626		215.05	-208.6		P
Antimony	75-125	36.0639		1.2473	U	53.76	67.1	N	P
Arsenic	75-125	186.0615		3.2542		215.05	85.0		P
Barium	75-125	208.5778		24.5357	B	215.05	85.6		P
Beryllium	75-125	4.7424		0.1578	B	5.38	85.2		P
Cadmium	75-125	4.6667		0.2942	B	5.38	81.3		P
Calcium		42771.8817		24912.4226		2150.54	830.5		P
Chromium	75-125	25.7677		8.7652		21.51	79.0		P
Cobalt	75-125	49.5748		5.0284	B	53.76	82.9		P
Copper	75-125	35.5077		14.4047		26.88	78.5		P
Iron		13179.1910		14567.6529		107.53	-1291.2		P
Lead	75-125	51.2852		6.6047		53.76	83.1		P
Magnesium		9116.3004		9247.0632		2150.54	-6.1		P
Manganese		477.5529		249.5499		53.76	424.1		P
Mercury	75-125	0.1864		0.0179	U	0.18	103.6		CV
Nickel	75-125	57.1108		13.1447		53.76	81.8		P
Potassium	75-125	2109.4000		518.1316	B	2150.54	74.0	N	P
Selenium	75-125	186.6325		0.9032	U	215.05	86.8		P
Silver	75-125	4.5772		0.3011	U	5.38	85.1		P
Sodium	75-125	1797.0862		86.8206	B	2150.54	79.5		P
Thallium	75-125	182.0488		1.0108	U	215.05	84.7		P
Vanadium	75-125	55.4172		10.3226	B	53.76	83.9		P
Zinc	75-125	72.5318		32.1718		53.76	75.1		P
Molybdenu									NR

Comments:

Sample and MS Duplicate Results Summary

DUPLICATES

LAB SAMPLE NO.

LCSSD055-D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 100.0 % Solids for Duplicate: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		6173.2118		6263.9516		1.5		P
Antimony		75.6538		72.3744		4.4		P
Arsenic		79.3116		79.0558		0.3		P
Barium		400.4186		393.8826		1.6		P
Beryllium		56.2478		56.5756		0.6		P
Cadmium		56.8974		57.1760		0.5		P
Calcium		6527.4664		6668.6578		2.1		P
Chromium		85.4530		85.5984		0.2		P
Cobalt		67.7600		69.1542		2.0		P
Copper		78.4774		78.2514		0.3		P
Iron		12474.3672		12528.8296		0.4		P
Lead		81.3668		81.9054		0.7		P
Magnesium	500.0	2404.2086		2428.5656		1.0		P
Manganese		258.0338		266.3692		3.2		P
Mercury		4.1083		4.1250		0.4		CV
Nickel		104.8974		106.9244		1.9		P
Potassium	500.0	2249.3070		2240.9084		0.4		P
Selenium		145.0872		146.0268		0.6		P
Silver		73.6612		72.9912		0.9		P
Sodium		369.6618	B	376.2956	B	1.8		P
Thallium		121.6192		121.8168		0.2		P
Vanadium		91.3316		90.6824		0.7		P
Zinc		202.3448		206.0018		1.8		P
Molybdenu								NR

DUPLICATES

LAB SAMPLE NO.

878527D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 93.0 % Solids for Duplicate: 93.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		5411.1626		4857.2963		10.8		P
Antimony		1.2473	U	1.2473	U			P
Arsenic		3.2542		2.6903		19.0		P
Barium	21.5	24.5357	B	24.1968	B	1.4		P
Beryllium		0.1578	B	0.1398	B	12.1		P
Cadmium		0.2942	B	0.2606	B	12.1		P
Calcium		24912.4226		34440.5576		32.1	*	P
Chromium		8.7652		7.6290		13.9		P
Cobalt		5.0284	B	4.8976	B	2.6		P
Copper		14.4047		13.6654		5.3		P
Iron		14567.6529		13446.5458		8.0		P
Lead		6.6047		5.2774		22.3	*	P
Magnesium		9247.0632		10247.3153		10.3		P
Manganese		249.5499		806.6957		105.5	*	P
Mercury		0.0179	U	0.0179	U			CV
Nickel	4.3	13.1447		12.1974		7.5		P
Potassium		518.1316	B	438.7763	B	16.6		P
Selenium		0.9032	U	0.9032	U			P
Silver		0.3011	U	0.3011	U			P
Sodium		86.8206	B	85.0538	U	200.0		P
Thallium		1.0108	U	1.0108	U			P
Vanadium	5.4	10.3226	B	10.0600	B	2.6		P
Zinc		32.1718		31.7462		1.3		P
Molybdenu								NR

Laboratory Control Samples Results Summary

LABORATORY CONTROL SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Solid LCS Source: ERA D055

Aqueous LCS Source:

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				9030.0	6173.2		4730.0	13300.0	68.4
Antimony				107.0	75.7		0.1	226.0	70.7
Arsenic				88.8	79.3		71.8	106.0	89.3
Barium				427.0	400.4		353.0	501.0	93.8
Beryllium				61.3	56.2		50.9	71.7	91.7
Cadmium				63.0	56.9		51.7	74.3	90.3
Calcium				7630.0	6527.5		6160.0	9100.0	85.6
Chromium				97.9	85.5		77.2	118.0	87.3
Cobalt				74.7	67.8		61.1	88.3	90.8
Copper				87.0	78.5		71.7	102.0	90.2
Iron				16500.0	12474.4		8390.0	24600.0	75.6
Lead				88.9	81.4		72.7	105.0	91.6
Magnesium				3050.0	2404.2		2230.0	3880.0	78.8
Manganese				301.0	258.0		238.0	364.0	85.7
Mercury				4.5	4.1		3.0	5.9	91.1
Nickel				116.0	104.9		95.8	136.0	90.4
Potassium				2810.0	2249.3		2060.0	3560.0	80.0
Selenium				155.0	145.1		120.0	190.0	93.6
Silver				81.6	73.7		54.1	109.0	90.3
Sodium				456.0	369.7	B	292.0	620.0	81.1
Thallium				131.0	121.6		101.0	161.0	92.8
Vanadium				106.0	91.3		81.7	130.0	86.1
Zinc				230.0	202.3		182.0	278.0	88.0
Molybdenu									

Serial Dilution Summary

ICP SERIAL DILUTION

LAB SAMPLE NO.

878527L

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: N763 Batch No.: 23590

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	25161.91		25612.30		1.8		P
Antimony	5.80	U	29.00	U			P
Arsenic	15.13		16.00	U	100.0		P
Barium	114.09	B	112.34	B	1.5		P
Beryllium	0.73	B	1.50	U	100.0		P
Cadmium	1.37	B	2.00	U	100.0		P
Calcium	115842.76		116422.48		0.5		P
Chromium	40.76		39.34	B	3.5		P
Cobalt	23.38	B	26.75	B	14.4		P
Copper	66.98		62.41	B	6.8		P
Iron	67739.59		67613.92		0.2		P
Lead	30.71		32.06		4.4		P
Magnesium	42998.84		41832.76		2.7		P
Manganese	1160.41		1151.92		0.7		P
Mercury							NR
Nickel	61.12		60.22	B	1.5		P
Potassium	2409.31	B	3310.66	B	37.4		P
Selenium	4.20	U	21.00	U			P
Silver	1.40	U	7.00	U			P
Sodium	403.72	B	1977.50	U	100.0		P
Thallium	4.70	U	23.50	U			P
Vanadium	48.00	B	57.26	B	19.3		P
Zinc	149.60		150.83		0.8		P

Analysis Run Log

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:23590_

Instrument ID Number: LEEMAN4_____ Method: CV

Start Date: 11/23/07 End Date: 11/23/07

Lab Sample No.	D/F	Time	% R	Analytes																						
				ALB	SBS	ABA	BEB	CDC	CAR	CRO	COU	CUE	FEB	PBG	MGN	MNH	HGI	NIK	SE	AG	NAL	TL	V	ZN	MO
STD01	1.00	1311														X									
STD02	1.00	1313														X									
STD03	1.00	1315														X									
STD04	1.00	1316														X									
STD05	1.00	1318														X									
STD06	1.00	1320														X									
ICV/ACCV	1.00	1322														X									
ICB/CCB	1.00	1324														X									
BS112307	1.00	1325														X									
SS112307	1.00	1327														X									
LCSSD055	5.00	1329														X									
SSD055-D	5.00	1330														X									
878527	1.00	1332														X									
878527D	1.00	1334														X									
878527MS	1.00	1336														X									
874492	1.00	1338														X									
877806	1.00	1339														X									
CCV	1.00	1341														X									
CCB	1.00	1343														X									
878526	1.00	1345														X									
878648	1.00	1346														X									
878649	1.00	1348														X									
878650	1.00	1350														X									
878651	1.00	1352														X									
878652	1.00	1353														X									
879163	1.00	1355														X									
879164	1.00	1357														X									
878858	1.00	1359														X									
CCV	1.00	1400														X									
CCB	1.00	1402														X									
878859	1.00	1404														X									
878860	1.00	1406														X									

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:23590_

Instrument ID Number: LEEMAN4_____ Method: CV

Start Date: 11/23/07 End Date: 11/23/07

Lab Sample No.	D/F	Time	% R	Analytes																							
				ALL	SBS	ASA	BAE	BED	CAR	CRO	COU	CEB	FBG	PMN	MGI	HG	NK	SE	AG	NA	TL	V	ZN	MO
878861	1.00	1407														X								
878862	1.00	1409														X								
878863	1.00	1411														X								
878864	1.00	1413														X								
878865	1.00	1414														X								
878514	1.00	1416														X								
CCV	1.00	1418														X								
CCB	1.00	1420														X								

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:23590_

Instrument ID Number: TRACE3 TJA61_ Method: P_

Start Date: 11/26/07 End Date: 11/26/07

Lab Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
3CAL-BLK	1.00	0947		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
T3CAL1	1.00	0954		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T3CAL2	1.00	1001		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T3CAL3	1.00	1007		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1014		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ICV/CCV_	1.00	1025		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICB/CCB_	1.00	1032		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSA____	1.00	1038		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSAB___	1.00	1045		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1051		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1058		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1105		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	20.00	1111		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	10.00	1118		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	5.00	1125		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	10.00	1131		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CCV_____	1.00	1138		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB_____	1.00	1144		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
SS112307	1.00	1155		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
BS112307	1.00	1201		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
LCSSD055	2.00	1208		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
SSD055-D	2.00	1215		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
878527D_	2.00	1221		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
878527__	2.00	1228		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
878527L_	2.00	1234		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
878527MS	2.00	1241		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	2.00	1248		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
874492	2.00	1254		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
CCV_____	1.00	1301		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB_____	1.00	1308		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
877806__	2.00	1314		_	X	X	X	X	X	_	_	_	X	_	X	_	_	_	X	_	_	_	_	X	_	X	_
878526__	2.00	1321		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
_____	_____	____	_____	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:23590_

Instrument ID Number: TRACE3 TJA61_ Method: P_

Start Date: 11/26/07 End Date: 11/26/07

Lab Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
878648	2.00	1327			X	X		X	X		X		X		X				X		X	X		X		X	
878649	2.00	1334			X	X		X	X		X		X		X				X		X	X		X		X	
878650	2.00	1341			X	X		X	X		X		X		X				X		X	X		X		X	
878651	2.00	1347			X	X		X	X		X		X		X				X		X	X		X		X	
878652	2.00	1354			X	X		X	X		X		X		X				X		X	X		X		X	
879163	2.00	1401			X	X		X	X		X		X		X				X		X	X		X		X	
879164	2.00	1407			X	X		X	X		X		X		X				X		X	X		X		X	
878858	2.00	1414			X	X		X	X		X		X		X				X		X	X		X		X	
CCV	1.00	1420		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1427		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
878859	2.00	1434			X	X		X	X		X		X		X				X		X	X				X	
878860	2.00	1440			X	X		X	X		X		X		X				X		X	X		X		X	
878861	2.00	1447			X	X		X	X		X		X		X				X		X	X		X		X	
878862	2.00	1454			X	X		X	X		X		X		X				X		X	X		X		X	
878863	2.00	1500			X	X		X	X		X		X		X				X		X	X		X		X	
878864	2.00	1507			X	X		X	X		X		X		X				X		X	X		X		X	
878865	2.00	1513			X	X		X	X		X		X		X				X		X	X		X		X	
878514	2.00	1520			X	X		X	X		X		X		X				X		X	X		X		X	
ICSA	1.00	1527		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1533		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1540		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1547		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
878859	2.00	1606																						X			
ZZZZZZ	1.00	1613																									
ZZZZZZ	1.00	1619																									
ZZZZZZ	1.00	1626																									
ICSA	1.00	1633		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1639		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1646		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1653		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

General Chemistry Forms

Analytical Results Summary

Site: National Grid
Lab Job No: N763
Matrix: SOIL
QA Batch: 2442

Total Cyanide

STL Edison Sample #	Client ID	Date Sampled	Date Extracted	Date Analyzed	Percent Moisture	Dilution Factor	Analytical Result Units: mg/kg
878526	F-Dup-1	11/15/07	11/23/07	11/23/07	6.9	1.0	ND
878527	Fill-1	11/15/07	11/23/07	11/23/07	7.0	1.0	ND

Quantitation Limit for Total Cyanide is 0.5 mg/kg.

QA Summary

CYANIDE QUALITY ASSURANCE SUMMARY

Matrix: SOIL **Lab Sample No.: 878527**

QA Batch No.: 2442 **Lab Job No.: N763**

Laboratory Blank	
Blank Conc Units: mg/kg	Quant Limit Units: mg/kg
ND	0.50

Matrix Spike				
Spike Conc, mg/kg	Sample Conc, mg/kg	MS Conc Units, mg/kg	MS % Rec	% Recovery Limits
10.8	ND	11.0	102	82-125

Matrix Spike Duplicate					
Spike Conc, mg/kg	Sample Conc, mg/kg	MSD Conc Units, mg/kg	MSD % Rec	% RPD	RPD Limits
10.8	ND	10.9	101	0.9	15.0

LCS			
Spike Conc,mg/l	LCS Conc, mg/l	% Rec	% Recovery Limits
0.20	0.193	96.5	90-110

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