STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel 732 549 3900 Fax 732 549 3679
www.stl-inc.com

04/23/2007

ECC
63 Herb Hill Road
Glen Cove, NY 11542

Attention: Mr. Theodore Johnson

Laboratory Results
Job No. E027 - Li Tungsten

Dear Mr. Johnson:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 16, 2007.

Lab No.	Client ID	Analysis Required
814201	5601-PCB-001	PCBs
814202	5601-PCB-002	PCBs
814203	5602-PCB-003	PCBs
814204	5602-PCB-004	PCBs
814205	5603-PCB-005	PCBs
814206	5603-PCB-006	PCBs
814207	5604-PCB-007	PCBs
814208	5604-PCB-008	PCBs
814209	5605-PCB-009	PCBs
814210	5605-PCB-010	PCBs
814211	5605-PCB-028	PCBs
814212	5601-FSSPB-1012	As
		Pb
814213	5601-FSSPB-1013	As
		Pb
814214	5601-FSSPB-1014	As
		Pb
814215	5601-FSSPB-1015	As
		Pb
814216	5601-FSSPB-1026	As

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Laboratory Results
Job No. E027 - Li Tungsten (cont'd)

Lab No.	Client ID	Analysis Required
		Pb

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

Very Truly Yours,

Michael Legg
Project Manager

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Analytical Results Summary

Client ID: **5601-PCB-001**
Site: Li Tungsten

Lab Sample ID: **814201**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417245.d
Rear File ID: vr417245.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 11

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	75	R
Aroclor-1221	ND	75	R
Aroclor-1232	ND	75	R
Aroclor-1242	ND	75	R
Aroclor-1248	ND	75	R
Aroclor-1254	330	75	F
Aroclor-1260	ND	75	R
Aroclor-1262	ND	75	R
Aroclor-1268	ND	75	R

Client ID: **5601-PCB-002**
Site: Li Tungsten

Lab Sample ID: **814202**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417280.d
Rear File ID: vr417280.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 25.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2100	R
Aroclor-1221	ND	2100	R
Aroclor-1232	ND	2100	R
Aroclor-1242	ND	2100	R
Aroclor-1248	36000	2100	R
Aroclor-1254	ND	2100	R
Aroclor-1260	ND	2100	R
Aroclor-1262	ND	2100	R
Aroclor-1268	ND	2100	R

Client ID: **5602-PCB-003**
Site: Li Tungsten

Lab Sample ID: **814203**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417251.d
Rear File ID: vr417251.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	490	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **5602-PCB-004**
Site: Li Tungsten

Lab Sample ID: **814204**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417252.d
Rear File ID: vr417252.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	120	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **5603-PCB-005**
Site: Li Tungsten

Lab Sample ID: **814205**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417253.d
Rear File ID: vr417253.d

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

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **5603-PCB-006**
Site: Li Tungsten

Lab Sample ID: **814206**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417254.d
Rear File ID: vr417254.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	ND	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: **5604-PCB-007**
Site: Li Tungsten

Lab Sample ID: **814207**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417281.d
Rear File ID: vr417281.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 25.0
% Moisture: 30

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2400	R
Aroclor-1221	ND	2400	R
Aroclor-1232	ND	2400	R
Aroclor-1242	ND	2400	R
Aroclor-1248	43000	2400	R
Aroclor-1254	ND	2400	R
Aroclor-1260	ND	2400	R
Aroclor-1262	ND	2400	R
Aroclor-1268	ND	2400	R

Client ID: **5604-PCB-008**
Site: Li Tungsten

Lab Sample ID: **814208**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417289.d
Rear File ID: vr417289.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 25.0
% Moisture: 26

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2200	R
Aroclor-1221	ND	2200	R
Aroclor-1232	ND	2200	R
Aroclor-1242	ND	2200	R
Aroclor-1248	39000	2200	F
Aroclor-1254	ND	2200	R
Aroclor-1260	ND	2200	R
Aroclor-1262	ND	2200	R
Aroclor-1268	ND	2200	R

Client ID: **5605-PCB-009**
Site: Li Tungsten

Lab Sample ID: **814209**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417288.d
Rear File ID: vr417288.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	440	R
Aroclor-1221	ND	440	R
Aroclor-1232	ND	440	R
Aroclor-1242	ND	440	R
Aroclor-1248	5900	440	F
Aroclor-1254	ND	440	R
Aroclor-1260	ND	440	R
Aroclor-1262	ND	440	R
Aroclor-1268	ND	440	R

Client ID: **5605-PCB-010**
Site: Li Tungsten

Lab Sample ID: **814210**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417258.d
Rear File ID: vr417258.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **5605-PCB-028**
Site: Li Tungsten

Lab Sample ID: **814211**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417259.d
Rear File ID: vr417259.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **5601-FSSPB-1012**
Site: **Li Tungsten**

Lab Sample No: 814212
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 25.4

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	39.1	0.86		P
Lead	63.7	0.72		P

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

Client ID: **5601-FSSPB-1013**
Site: **Li Tungsten**

Lab Sample No: 814213
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 13.1

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	4.6	0.74		P
Lead	13.8	0.62		P

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

Client ID: **5601-FSSPB-1014**
Site: **Li Tungsten**

Lab Sample No: 814214
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 17.7

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	2.2	0.78		P
Lead	8.5	0.66		P

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

Client ID: **5601-FSSPB-1015**
Site: **Li Tungsten**

Lab Sample No: 814215
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 12.2

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	0.95	0.73	B	P
Lead	6.8	0.62		P

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

Client ID: **5601-FSSPB-1026**
Site: **Li Tungsten**

Lab Sample No: 814216
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 22.1

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	1.9	0.82		P
Lead	7.6	0.69		P

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

General Information

Chain of Custody

E027

Environmental Chemical Corporation
1746 Cole Blvd.
Bldg. 21, Suite 350
Lakewood, CO 80401
Phone: (303) 298-7607
Fax: (303) 298-7837

COC Number:

Customer Name: ECC – LTSS
Address: 63 Herb Hill Road, Glen Cove, NY 11542

Contact: Theodore Johnson
Phone: (303) 472 - 8834
Fax: (516) 665- 8531

ECC Project Manager: Phil O'Dwyer
Address: 63 Herb Hill Road, Glen Cove, NY 11542

Phone: (614) 402 - 2020
Customer Project Name: LTSS E027

SAMPLE NUMBER	DATE	TIME	TYPE	CLIENT SAMPLE IDENTIFIER	TESTS	CONTAINER(S)	MATRIX
5601 -FSSPB-1012	3/15/2007	1000	SOIL	814212	Arsenic total, Lead total,	1 glass jar	Soil
5601 -FSS-PB-1013	3/15/2007	1010	SOIL	814213		1 glass jar	Soil
5601-FSSPB-1014	3/15/2007	950	SOIL	814214		1 glass jar	Soil
5601-FSS-PB-1015	3/15/2007	1015	SOIL	814215		1 glass jar	Soil
5601-FSS-PB-1026	3/15/2007	950	SOIL	814216			

Notes:
Ship to: Severn Trent Laboratory, EDISON
777 New Durham Road, Suite 7, Edison, New Jersey, 08817
Phone: 732-549-3900
Request Turnaround Time: 7 Day

2°

Laboratory Receipt Information
Cooler/Container Intact? Yes____ No____
Samples Received At Below 4 C? Yes____ No____
Samples Containers Intact? Yes____ No____
Cooler/Container Custody Seal? Yes____ No____

CUSTODY TRANSFER RECORD

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Print: M. LaRance / M. LaRance	ECC	~~3-15-07~~ 3-15-07	1530	Print: fed ex	→		
Print: fed ex →		3/16/07	10:00	Print: [illegible]	SR		
Print:				Print:			

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E027 **Site:** Li Tungsten

Client: ECC

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
814201	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814202	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814203	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814204	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814205	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814206	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814207	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814208	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814209	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814210	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814211	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814212	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814213	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814214	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814215	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086
814216	3/15/2007	3/16/2007	3/19/2007	Alinea, Archie	3/20/2007	Diaz, Carol	5086

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	E027	**Site:**	Li Tungsten
Client:	ECC	**Date Sampled:**	3/15/2007
Sample No.:	814212	**Date Received:**	3/16/2007
		Matrix:	SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
ARSENIC	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331
LEAD	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331

INTERNAL CUSTODY RECORD
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Job No:	E027	**Site:**	Li Tungsten
Client:	ECC	**Date Sampled:**	3/15/2007
Sample No.:	814213	**Date Received:**	3/16/2007
		Matrix:	SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
ARSENIC	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331
LEAD	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
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08817

Job No:	E027	**Site:**	Li Tungsten
Client:	ECC	**Date Sampled:**	3/15/2007
Sample No.:	814214	**Date Received:**	3/16/2007
		Matrix:	SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
ARSENIC	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331
LEAD	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331

INTERNAL CUSTODY RECORD
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08817

Job No:	E027	**Site:**	Li Tungsten
Client:	ECC	**Date Sampled:**	3/15/2007
Sample No.:	814215	**Date Received:**	3/16/2007
		Matrix:	SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
ARSENIC	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331
LEAD	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
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Job No:	E027	**Site:**	Li Tungsten
Client:	ECC	**Date Sampled:**	3/15/2007
Sample No.:	814216	**Date Received:**	3/16/2007
		Matrix:	SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
ARSENIC	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331
LEAD	3/28/2007	Sanagavarapu, Suguna	3/29/2007	Chang, Churnder	22331

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

STL Edison Job Number: E027

Client: ECC

Date: 4/20/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

All data conforms with method requirements.

Metals:

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.

Michael Legg
Project Manager

GC Forms and Data

Method 8082 (PCBs) Results Summary

Client ID: **5601-PCB-001**
Site: Li Tungsten

Lab Sample ID: **814201**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417245.d
Rear File ID: vr417245.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 11

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	75	R
Aroclor-1221	ND	75	R
Aroclor-1232	ND	75	R
Aroclor-1242	ND	75	R
Aroclor-1248	ND	75	R
Aroclor-1254	330	75	F
Aroclor-1260	ND	75	R
Aroclor-1262	ND	75	R
Aroclor-1268	ND	75	R

Client ID: **5601-PCB-002**
Site: Li Tungsten

Lab Sample ID: **814202**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417280.d
Rear File ID: vr417280.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 25.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2100	R
Aroclor-1221	ND	2100	R
Aroclor-1232	ND	2100	R
Aroclor-1242	ND	2100	R
Aroclor-1248	36000	2100	R
Aroclor-1254	ND	2100	R
Aroclor-1260	ND	2100	R
Aroclor-1262	ND	2100	R
Aroclor-1268	ND	2100	R

Client ID: **5602-PCB-003**
Site: Li Tungsten

Lab Sample ID: **814203**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417251.d
Rear File ID: vr417251.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	490	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **5602-PCB-004**
Site: Li Tungsten

Lab Sample ID: **814204**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417252.d
Rear File ID: vr417252.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	120	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **5603-PCB-005**
Site: Li Tungsten

Lab Sample ID: **814205**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417253.d
Rear File ID: vr417253.d

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

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **5603-PCB-006**
Site: Li Tungsten

Lab Sample ID: **814206**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417254.d
Rear File ID: vr417254.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	ND	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: **5604-PCB-007**
Site: Li Tungsten

Lab Sample ID: **814207**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417281.d
Rear File ID: vr417281.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 25.0
% Moisture: 30

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2400	R
Aroclor-1221	ND	2400	R
Aroclor-1232	ND	2400	R
Aroclor-1242	ND	2400	R
Aroclor-1248	43000	2400	R
Aroclor-1254	ND	2400	R
Aroclor-1260	ND	2400	R
Aroclor-1262	ND	2400	R
Aroclor-1268	ND	2400	R

Client ID: **5604-PCB-008**
Site: Li Tungsten

Lab Sample ID: **814208**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417289.d
Rear File ID: vr417289.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 25.0
% Moisture: 26

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2200	R
Aroclor-1221	ND	2200	R
Aroclor-1232	ND	2200	R
Aroclor-1242	ND	2200	R
Aroclor-1248	39000	2200	F
Aroclor-1254	ND	2200	R
Aroclor-1260	ND	2200	R
Aroclor-1262	ND	2200	R
Aroclor-1268	ND	2200	R

Client ID: **5605-PCB-009**
Site: Li Tungsten

Lab Sample ID: **814209**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417288.d
Rear File ID: vr417288.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	440	R
Aroclor-1221	ND	440	R
Aroclor-1232	ND	440	R
Aroclor-1242	ND	440	R
Aroclor-1248	5900	440	F
Aroclor-1254	ND	440	R
Aroclor-1260	ND	440	R
Aroclor-1262	ND	440	R
Aroclor-1268	ND	440	R

Client ID: **5605-PCB-010**
Site: Li Tungsten

Lab Sample ID: **814210**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417258.d
Rear File ID: vr417258.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **5605-PCB-028**
Site: Li Tungsten

Lab Sample ID: **814211**
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417259.d
Rear File ID: vr417259.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

QA Summary

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: E027

	LABORATORY SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	TOT OUT
01	SP078	87	90	0
02	5086BS	74		0
03	814201	98	102	0
04	814201MS	100		0
05	814201MSD	98		0
06	814203	87	80	0
07	814204	91	86	0
08	814205	88		0
09	814206	83		0
10	814210	88		0
11	814211	92		0
12	814202	0D	0D	0
13	814207	0D	0D	0
14	814209	88	72	0
15	814208	0D	0D	0
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: 5086

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	260	79	70-160
Aroclor-1260	330	270	82	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.: 814201

MS Sample from Lab Job No: E027

QA Batch: 5086

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	370	0.00	440	119	70-160
Aroclor-1260	370	0.00	530	143	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	370	430	116	2	29	70-160
Aroclor-1260	370	550	149	4	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.

SP078

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC9

Date Analyzed: 03/20/07

Time Analyzed: 0039

Lab File ID: VR417240

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

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	5086BS	5086BS	vr417241.d	03/20/07
02	5601-PCB-001	814201	vr417245.d	03/20/07
03	5601-PCB-001	814201MS	vr417246.d	03/20/07
04	5601-PCB-001	814201MSD	vr417247.d	03/20/07
05	5602-PCB-003	814203	vr417251.d	03/20/07
06	5602-PCB-004	814204	vr417252.d	03/20/07
07	5603-PCB-005	814205	vr417253.d	03/20/07
08	5603-PCB-006	814206	vr417254.d	03/20/07
09	5605-PCB-010	814210	vr417258.d	03/20/07
10	5605-PCB-028	814211	vr417259.d	03/20/07
11	5601-PCB-002	814202	vr417280.d	03/20/07
12	5604-PCB-007	814207	vr417281.d	03/20/07
13	5605-PCB-009	814209	vr417288.d	03/20/07
14	5604-PCB-008	814208	vr417289.d	03/20/07
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Client ID: **SP078**
Site:

Lab Sample ID: **SP078**
Lab Job No: E027

Date Sampled: _____
Date Received: _____
Date Extracted: 03/19/07
Date Analyzed: 03/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417240.d
Rear File ID: vr417240.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/Mar07/03-19-07/19mar07d.b, as of 04/17/2007 17:27)

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

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.676

Lab Sample ID	Data File	Injection Time	RT	DLT RT
SP078	vr417240.d	20-MAR-2007 00:39	10.675	0.001
5086BS	vr417241.d	20-MAR-2007 00:54	10.676	0.000

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07d.b,
as of 04/17/2007 17:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.564

Lab Sample ID	Data File	Injection Time	RT	DLT RT
SP078	vf417240.d	20-MAR-2007 00:39	11.562	0.002

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b, as of 04/17/2007 17:27)

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

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.675

Lab Sample ID	Data File	Injection Time	RT	DLT RT
814201	vr417245.d	20-MAR-2007 01:56	10.675	0.000
814201MS	vr417246.d	20-MAR-2007 02:12	10.674	0.001
814201MSD	vr417247.d	20-MAR-2007 02:27	10.673	0.002
814203	vr417251.d	20-MAR-2007 03:29	10.675	0.000
814204	vr417252.d	20-MAR-2007 03:44	10.675	0.000
814205	vr417253.d	20-MAR-2007 04:00	10.675	0.000
814206	vr417254.d	20-MAR-2007 04:15	10.674	0.001
814210	vr417258.d	20-MAR-2007 05:17	10.674	0.001
814211	vr417259.d	20-MAR-2007 05:32	10.675	0.000

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07e.b, as of 04/17/2007 17:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.567

Lab Sample ID	Data File	Injection Time	RT	DLT RT
814201	vf417245.d	20-MAR-2007 01:56	11.562	0.005
814203	vf417251.d	20-MAR-2007 03:29	11.558	0.009
814204	vf417252.d	20-MAR-2007 03:44	11.559	0.008
814205	vf417253.d	20-MAR-2007 04:00	11.561	0.006
814206	vf417254.d	20-MAR-2007 04:15	11.555	0.012
814210	vf417258.d	20-MAR-2007 05:17	11.564	0.003
814211	vf417259.d	20-MAR-2007 05:32	11.565	0.002

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07f.b, as of 04/17/2007 17:27)

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

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.674

Lab Sample ID	Data File	Injection Time	RT	DLT RT
814202	vr417280.d	20-MAR-2007 10:57	0.000 D	
814207	vr417281.d	20-MAR-2007 11:12	0.000 D	

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07f.b, as of 04/17/2007 17:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.555

Lab Sample ID	Data File	Injection Time	RT	DLT RT
814202	vf417280.d	20-MAR-2007 10:57	0.000 D	
814207	vf417281.d	20-MAR-2007 11:12	0.000 D	

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07g.b, as of 04/17/2007 17:27)

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

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.674

Lab Sample ID	Data File	Injection Time	RT	DLT RT
814209	vr417288.d	20-MAR-2007 13:32	10.675	0.001
814208	vr417289.d	20-MAR-2007 13:48	0.000 D	

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07g.b, as of 04/18/2007 10:12)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 03/20/07 to 03/20/07

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

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.555

Lab Sample ID	Data File	Injection Time	RT	DLT RT
814209	vf417288.d	20-MAR-2007 13:32	11.556	0.001
814208	vf417289.d	20-MAR-2007 13:48	0.000 D	

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	8136 1660-1000A		vr416795.d	CALIB_3	03/09/07	1850
2	8152 1660-100A		vr416796.d	CALIB_1	03/09/07	1905
3	8158 1660-500A		vr416797.d	CALIB_2	03/09/07	1921
4	8179 1660-1500A		vr416798.d	CALIB_4	03/09/07	1936
5	8200 1660-2500A		vr416799.d	CALIB_5	03/09/07	1952
6	7832 1221-1000A		vr416800.d	CALIB_3	03/09/07	2007
7	8031 1232-1000A		vr416801.d	CALIB_3	03/09/07	2023
8	7671 1242-1000A		vr416802.d	CALIB_3	03/09/07	2039
9	7633 1248-1000A		vr416803.d	CALIB_3	03/09/07	2054
10	8057 1254-1000A		vr416804.d	CALIB_3	03/09/07	2109
11	7426 1262-1000A		vr416805.d	CALIB_3	03/09/07	2125
12	7601 1268-1000A		vr416806.d	CALIB_3	03/09/07	2140
13	8136 1660-1000D		vr417222.d	CCALIB_3	03/19/07	1929
14	SP078		vr417240.d	BLANK	03/20/07	0039
15	5086BS		vr417241.d	BS	03/20/07	0054
16	8139 1660-1000 E		vr417244.d	CCALIB_3	03/20/07	0141
17	814201	5601-PCB-001	vr417245.d	SAMPLE	03/20/07	0156
18	814201MS	5601-PCB-001MS	vr417246.d	MS	03/20/07	0212
19	814201MSD	5601-PCB-001MS	vr417247.d	MSD	03/20/07	0227
20	814203	5602-PCB-003	vr417251.d	SAMPLE	03/20/07	0329
21	814204	5602-PCB-004	vr417252.d	SAMPLE	03/20/07	0344
22	814205	5603-PCB-005	vr417253.d	SAMPLE	03/20/07	0400
23	814206	5603-PCB-006	vr417254.d	SAMPLE	03/20/07	0415
24	814210	5605-PCB-010	vr417258.d	SAMPLE	03/20/07	0517
25	814211	5605-PCB-028	vr417259.d	SAMPLE	03/20/07	0532
26	8139 1660-1000 F		vr417266.d	CCALIB_3	03/20/07	0720
27	814202	5601-PCB-002	vr417280.d	SAMPLE	03/20/07	1057
28	814207	5604-PCB-007	vr417281.d	SAMPLE	03/20/07	1112
29	8139 1660-1000G		vr417283.d	CCALIB_3	03/20/07	1143
30	814209	5605-PCB-009	vr417288.d	SAMPLE	03/20/07	1332
31	814208	5604-PCB-008	vr417289.d	SAMPLE	03/20/07	1348
32	8136 1660-1000H		vr417294.d	CCALIB_3	03/20/07	1505

Raw Data

GC ORGANICS INITIAL CALIBRATION SUMMARY

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

Calibration Files:

/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416796.d
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416797.d
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416795.d
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416798.d
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416799.d

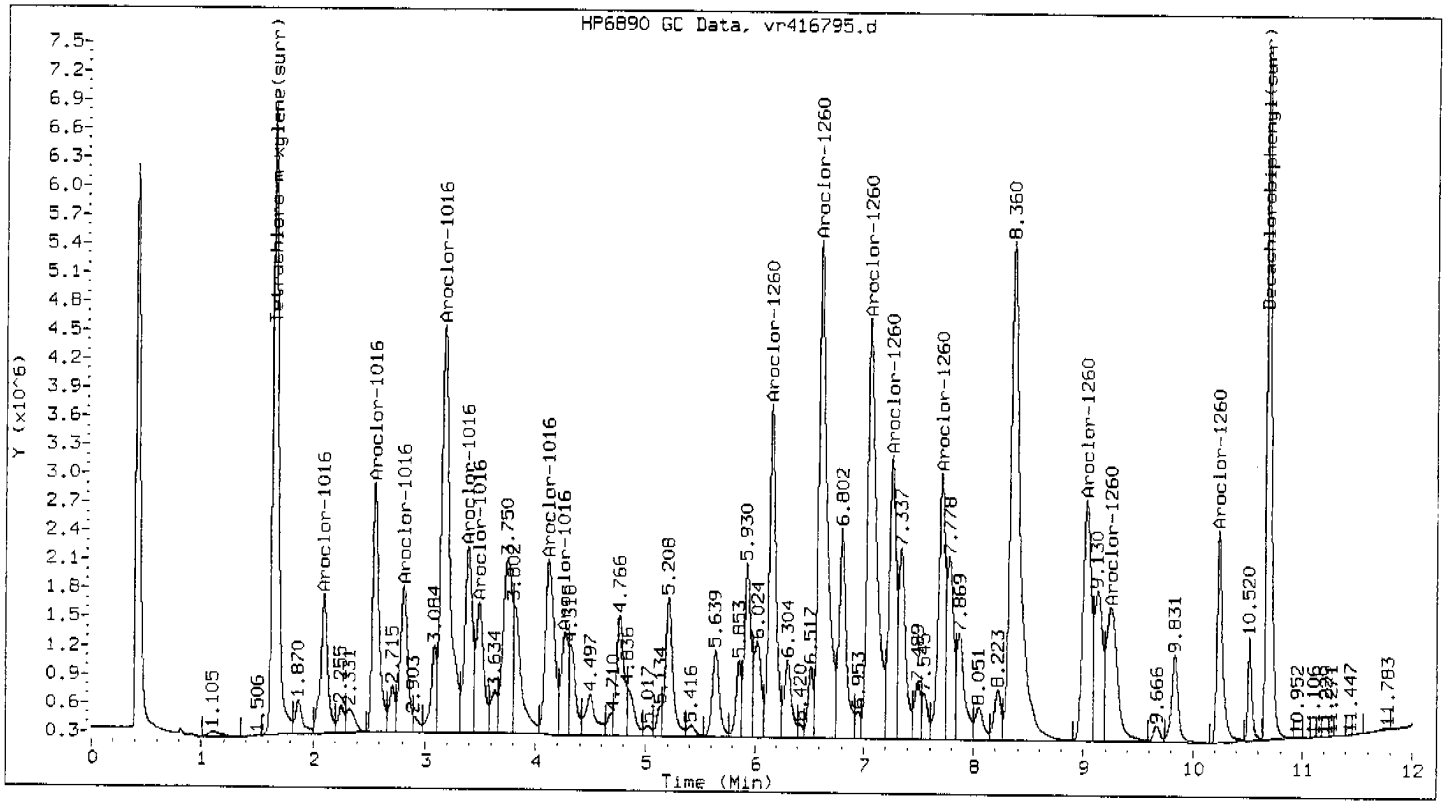
Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	a1	a2	%RSD or R^2
Aroclor-1016	1	7418.66	8062.32	6516.79	6704.27	6182.98		6977.00		10.84383
	2	13726.94	13315.20	10739.39	11278.27	10300.69		11872.10		13.06802
	3	7590.74	8562.38	7237.45	7533.06	7644.95		7713.72		6.48052
	4	25784.38	27376.28	23428.32	23922.18	21866.84		24475.60		8.74750
	5	10589.44	11372.03	9592.12	10005.54	9114.73		10134.77		8.67118
	6	5782.60	7302.32	6663.49	6682.05	6454.85		6577.06		8.29509
	7	10738.05	11361.23	10174.45	10199.18	9515.04		10397.59		6.65035
	8	4184.15	4778.53	4885.88	4759.12	4775.94		4676.72		5.98494
Aroclor-1260	1	16536.71	16836.11	15229.18	14706.47	13538.97		15369.49		8.80378
	2	30747.76	29693.04	27487.67	26182.97	24125.11		27647.31		9.63325
	3	24236.10	26596.85	25455.08	24705.98	23228.12		24844.43		5.10941
	4	13760.38	13908.01	12571.47	12857.95	11484.80		12916.52		7.61269
	5	12713.23	13134.82	12145.60	12554.17	11488.36		12407.24		5.02915
	6	13166.35	13992.91	13321.19	14381.63	13587.26		13689.87		3.63566
	7	8999.68	10168.70	10284.82	10030.62	9553.42		9807.45		5.40793
	8	7764.40	8346.52	8042.38	8230.63	7782.77		8033.34		3.24727
Tetrachloro-m-xylene(surr)		239368.48	271364.34	233340.32	247519.71	237239.03		245766.38		6.19218
Decachlorobiphenyl(surr)		289758.76	276783.74	243107.92	251821.00	233866.51		259067.58		9.04864

Comments:

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

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416795.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 8136 1660-1000A
Lab ID : 8136 1660-1000A
Inj Date : 09-MAR-2007 18:50
Operator : 615 Fn 3/12/07
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)	2.103	2.103	0.000	6516790	934.038	934.038
(2)		2.559	2.559	0.000	10739392	904.591	904.591
(3)		2.816	2.816	0.000	7237447	938.257	938.257
(4)		3.175	3.175	0.000	23428319	957.211	957.211
(5)		3.387	3.387	0.000	9592117	946.456	946.456
(6)		3.490	3.490	0.000	6663495	1013.141	1013.141
(7)		4.116	4.116	0.000	10174455	978.540	978.540
(8)		4.261	4.261	0.000	4885882	1044.723	1044.723
Average of peak concentrations:							960.00
Aroclor-1260		6.156	6.156	0.000	15229179	990.871	990.871
(2)		6.608	6.608	0.000	27487669	994.226	994.226
(3)		7.055	7.055	0.000	25455081	1024.579	1024.579
(4)		7.256	7.256	0.000	12571470	973.286	973.286
(5)		7.705	7.705	0.000	12145603	978.913	978.913
(6)		9.029	9.029	0.000	13321191	973.069	973.069

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.251	9.251	0.000	10284817	1048.674	1048.674
(8)	10.238	10.238	0.000	8042384	1001.126	1001.126
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.655	1.655	0.000	23334032	94.944	94.944
Decachlorobiphenyl(surr)	10.678	10.678	0.000	24310792	93.840	93.840

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Calibration Files:

/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416796.d
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416797.d
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416795.d
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416798.d
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416799.d

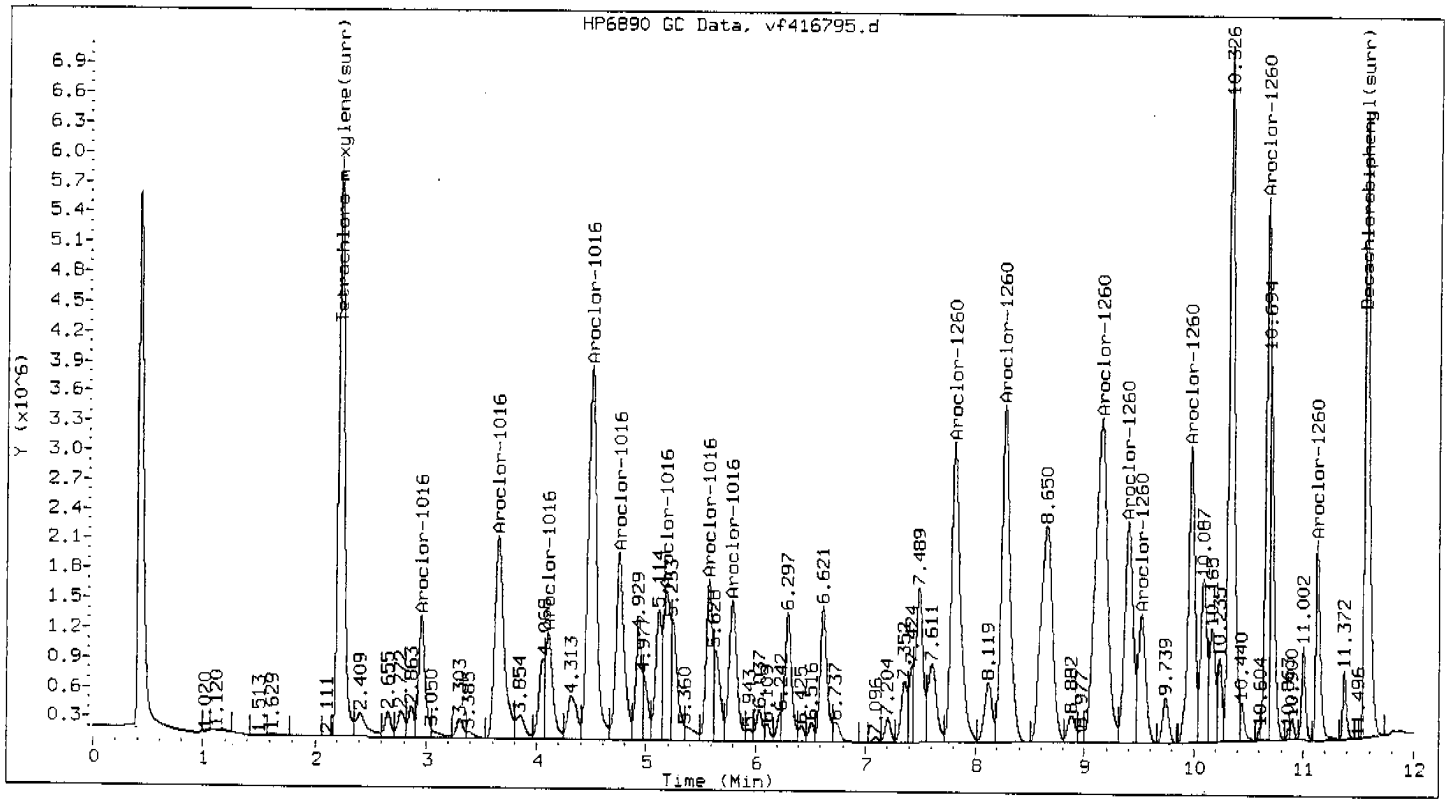
Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	a1	a2	%RSD or R^2
Aroclor-1016	1	6327.53	6116.15	5092.03	5547.93	5222.86		5661.30		9.59351
	2	13082.17	13822.96	12138.06	12743.44	11718.91		12701.11		6.45334
	3	4938.36	5255.06	5151.18	5123.60	4997.98		5093.24		2.47429
	4	18201.32	21213.73	20398.72	21737.51	20733.60		20456.98		6.63999
	5	9609.39	10000.74	10096.09	9794.29	9490.51		9798.20		2.60251
	6	6255.27	6870.58	6547.51	6816.08	6320.00		6561.89		4.26048
	7	7790.01	7614.80	6806.84	7520.46	7222.29		7390.88		5.22166
	8	5535.26	7350.63	7299.54	7584.44	7233.08		7000.59		11.85275
Aroclor-1260	1	16039.03	17466.56	16910.73	16717.53	15928.90		16612.55		3.83739
	2	17253.25	19426.46	18872.15	18881.37	17969.34		18480.51		4.66766
	3	19526.36	24682.36	24820.85	25962.13	25194.70		24037.28		10.69244
	4	10466.93	12082.85	11744.37	12070.37	11513.76		11575.66		5.73614
	5	4962.81	6115.68	6364.61	6674.76	6685.39		6160.65		11.52963
	6	10819.26	12847.51	12643.39	13164.80	12663.06		12427.60		7.42792
	7	14112.34	16421.15	15055.14	16294.32	14991.76		15374.94		6.32527
	8	5562.79	5505.96	5499.11	5775.68	5882.02		5645.11		3.07627
Tetrachloro-m-xylene(surr)		196700.64	235224.24	217295.56	240700.77	232805.55		224545.35		7.93899
Decachlorobiphenyl(surr)		201169.12	213235.58	192712.95	208087.17	197995.18		202640.00		4.01078

Comments:

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

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416795.d Page 1
Report Date 03/12/2007 06:37



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 8136 1660-1000A
Lab ID : 8136 1660-1000A
Inj Date : 09-MAR-2007 18:50
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.955	2.955	0.000	5092029	899.445	899.445
(2)		3.653	3.653	0.000	12138064	955.670	955.670
(3)		4.103	4.103	0.000	5151182	1011.377	1011.377
(4)		4.496	4.496	0.000	20398720	997.152	997.152
(5)		4.748	4.748	0.000	10096088	1030.402	1030.402
(6)		5.184	5.184	0.000	6547506	997.808	997.808
(7)		5.578	5.578	0.000	6806844	920.979	920.979
(8)		5.789	5.789	0.000	7299540	1042.704	1042.704
Average of peak concentrations:							980.00
Aroclor-1260	(M)	7.809	7.809	0.000	16910732	1017.949	1017.949
(2)		8.267	8.267	0.000	18872154	1021.192	1021.192
(3)		9.155	9.155	0.000	24820849	1032.598	1032.598
(4)		9.396	9.396	0.000	11744371	1014.575	1014.575
(5)		9.518	9.518	0.000	6364610	1033.107	1033.107
(6)		9.973	9.973	0.000	12643389	1017.363	1017.363

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	10.665	10.665	0.000	15055136	979.200	979.200
(8)	11.130	11.130	0.000	5499108	974.136	974.136
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	2.225	2.225	0.000	21729556	96.771	96.771
Decachlorobiphenyl(surr)	11.563	11.563	0.000	19271295	95.101	95.101

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

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

Midpoint Calibration File:

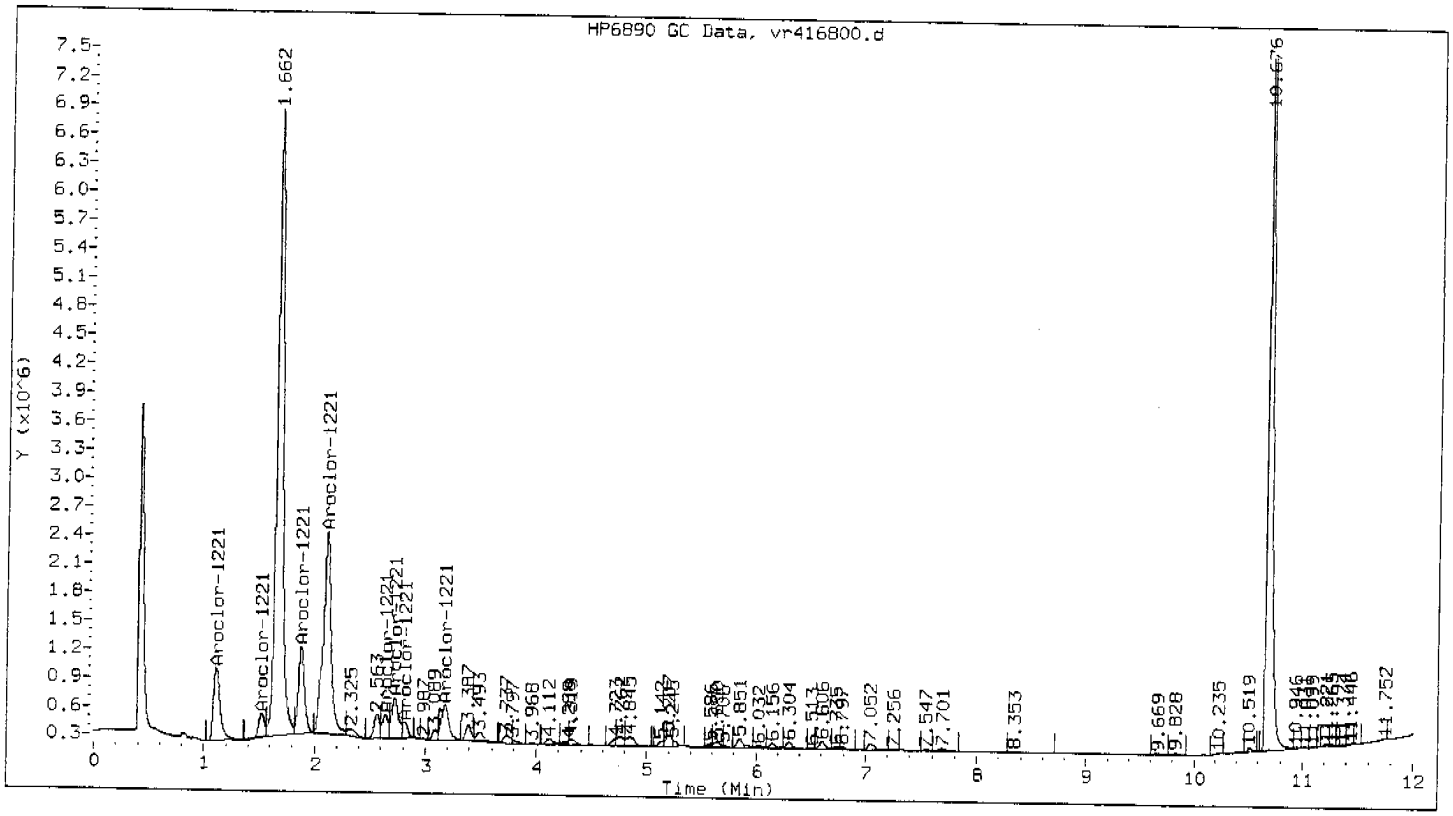
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416800.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	3344.58
2	908.81
3	3560.20
4	10431.20
5	894.64
6	1834.64
7	572.70
8	1770.81

Comments:

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416800.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 7832 1221-1000A
Lab ID : 7832 1221-1000A
Inj Date : 09-MAR-2007 20:07
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)	1.109	1.109	0.000	3344577	1000.000	1000.000
(2)		1.521	1.521	0.000	908809	1000.000	1000.000
(3)		1.877	1.877	0.000	3560203	1000.000	1000.000
(4)		2.107	2.107	0.000	10431199	1000.000	1000.000
(5)		2.641	2.641	0.000	894643	1000.000	1000.000
(6)		2.724	2.724	0.000	1834640	1000.000	1000.000
(7)		2.815	2.815	0.000	572698	1000.000	1000.000
(8)		3.177	3.177	0.000	1770809	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: StxCLP2 Confirmatory Column

Midpoint Calibration File:

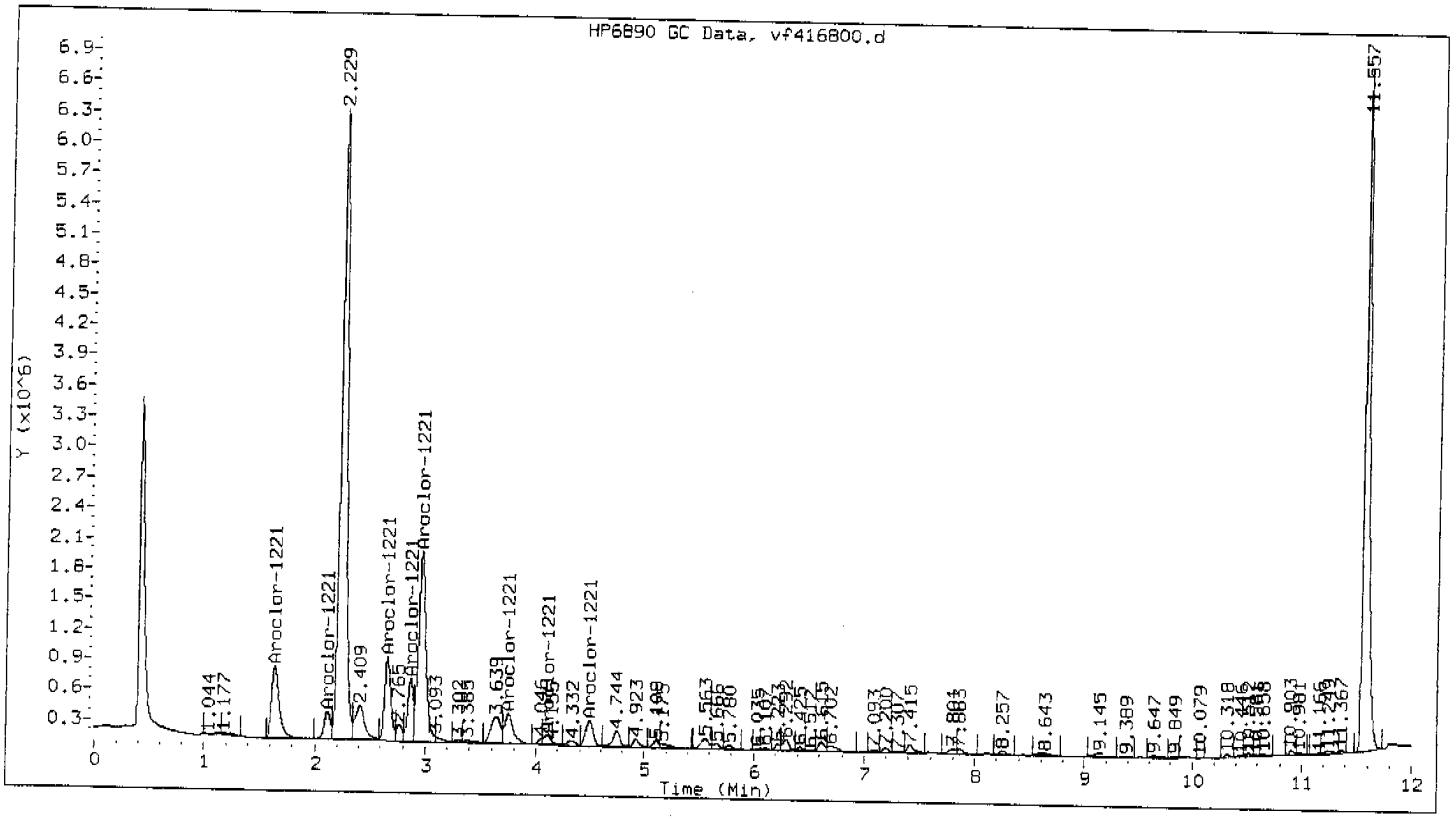
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416800.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	3469.95
2	1088.71
3	3189.48
4	2172.75
5	8635.78
6	1656.07
7	404.88
8	1229.44

Comments:

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416800.d Page 1
Report Date 03/12/2007 06:38



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 7832 1221-1000A
Lab ID : 7832 1221-1000A
Inj Date : 09-MAR-2007 20:07
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1221	(M)	1.637	1.637	0.000	3469954	1000.000	1000.000
(2)		2.114	2.114	0.000	1088711	1000.000	1000.000
(3)		2.659	2.659	0.000	3189479	1000.000	1000.000
(4)		2.867	2.867	0.000	2172747	1000.000	1000.000
(5)		2.958	2.958	0.000	8635782	1000.000	1000.000
(6)		3.750	3.750	0.000	1656073	1000.000	1000.000
(7)		4.102	4.102	0.000	404878	1000.000	1000.000
(8)		4.491	4.491	0.000	1229436	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:

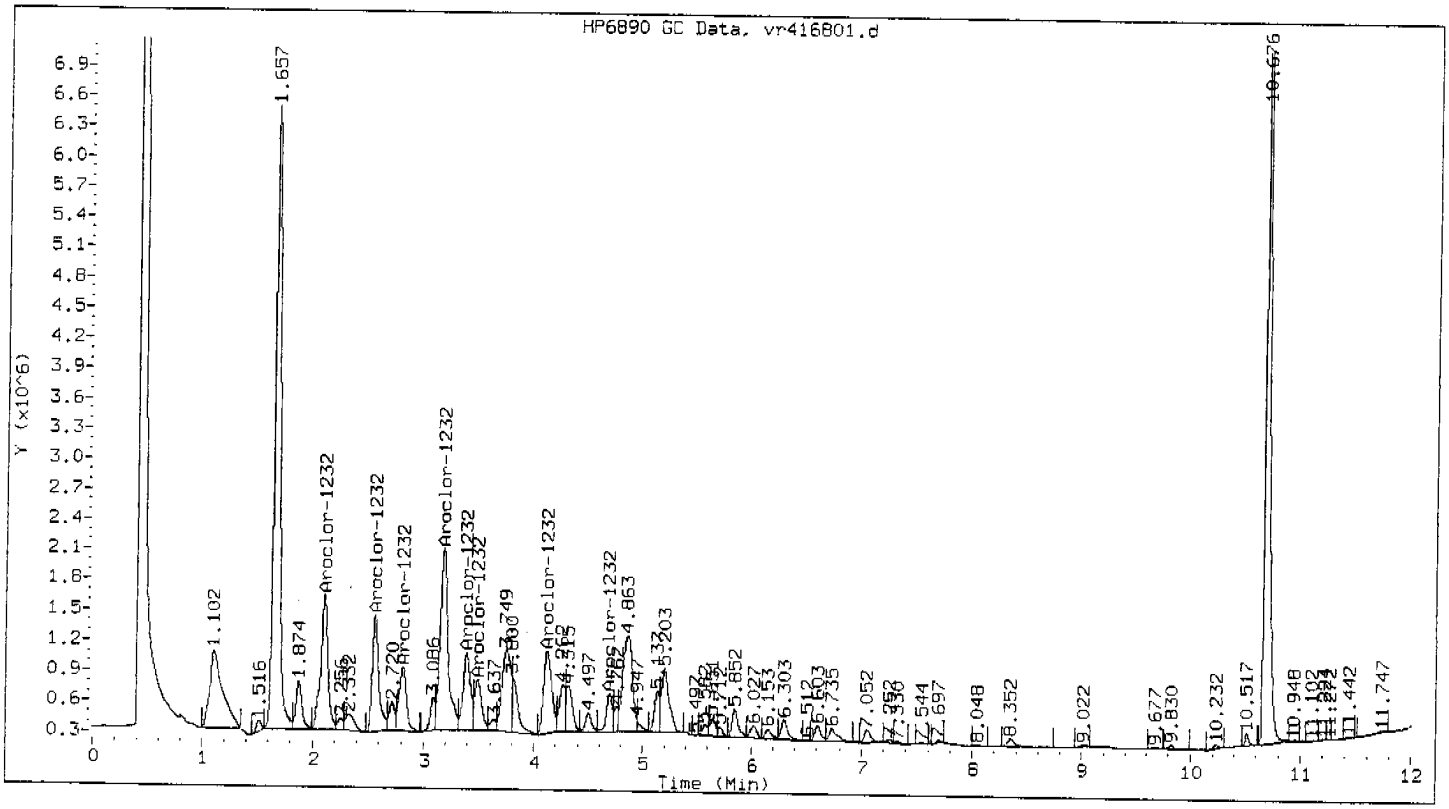
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416801.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	6021.28
2	4734.63
3	2854.09
4	9421.29
5	3597.43
6	2306.96
7	4178.02
8	1533.04

Comments:

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416801.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 8031 1232-1000A
Lab ID : 8031 1232-1000A
Inj Date : 09-MAR-2007 20:23
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	2.105	2.105	0.000	6021277	1000.000	1000.000
(2)	2.561	2.561	0.000	4734628	1000.000	1000.000
(3)	2.818	2.818	0.000	2854095	1000.000	1000.000
(4)	3.177	3.177	0.000	9421287	1000.000	1000.000
(5)	3.389	3.389	0.000	3597432	1000.000	1000.000
(6)	3.492	3.492	0.000	2306963	1000.000	1000.000
(7)	4.117	4.117	0.000	4178016	1000.000	1000.000
(8)	4.688	4.688	0.000	1533043	1000.000	1000.000

Average of peak concentrations: 1000.00

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

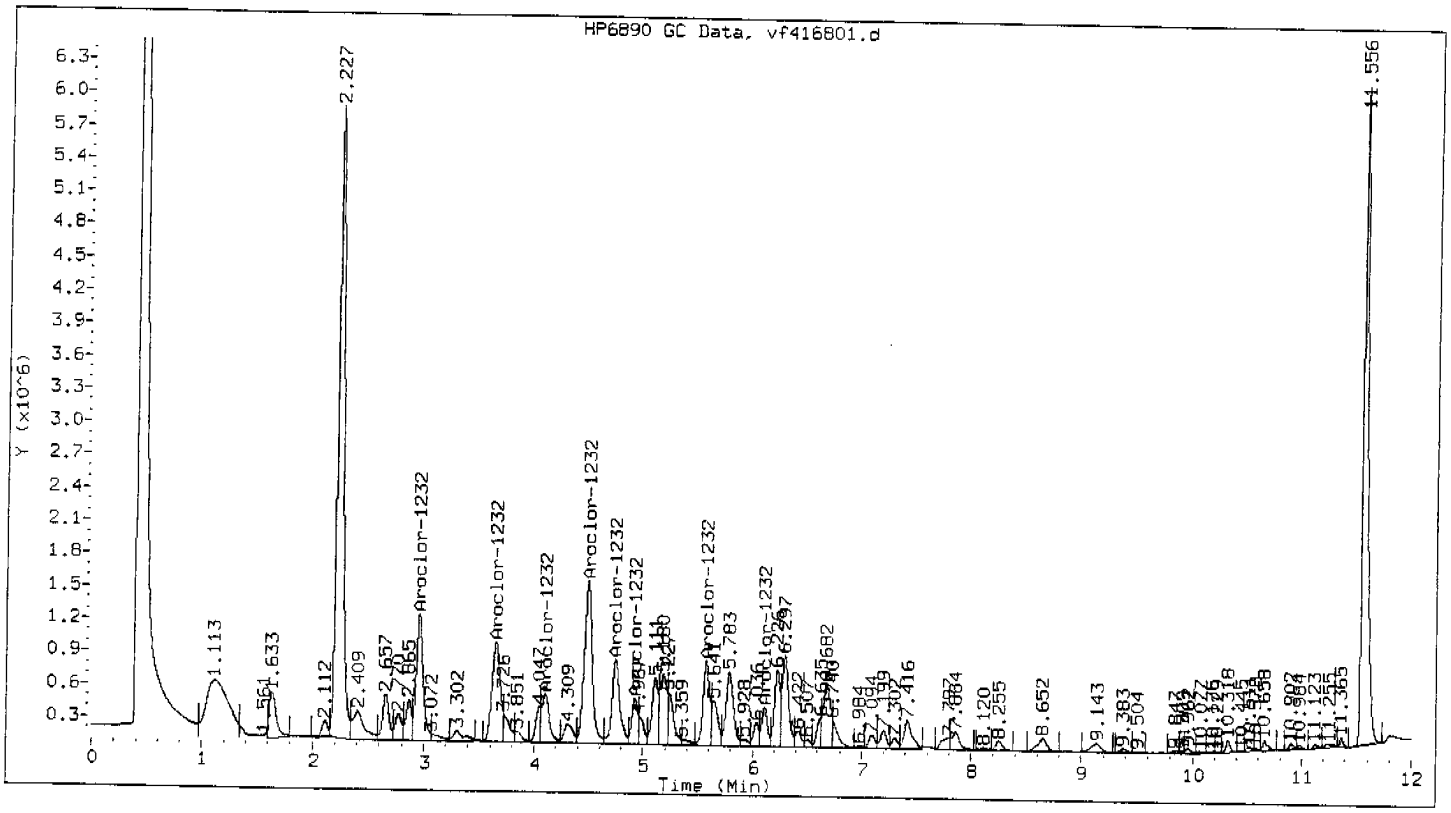
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416801.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	5055.09
2	4815.86
3	2099.42
4	7599.11
5	3960.20
6	1636.70
7	3216.36
8	1344.77

Comments:

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416801.d Page 1
Report Date 03/12/2007 06:38



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 8031 1232-1000A
Lab ID : 8031 1232-1000A
Inj Date : 09-MAR-2007 20:23
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)	2.956	2.956	0.000	5055087	1000.000	1000.000
(2)		3.652	3.652	0.000	4815859	1000.000	1000.000
(3)		4.102	4.102	0.000	2099424	1000.000	1000.000
(4)		4.493	4.493	0.000	7599109	1000.000	1000.000
(5)		4.744	4.744	0.000	3960205	1000.000	1000.000
(6)		4.924	4.924	0.000	1636698	1000.000	1000.000
(7)		5.574	5.574	0.000	3216364	1000.000	1000.000
(8)		6.110	6.110	0.000	1344772	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:

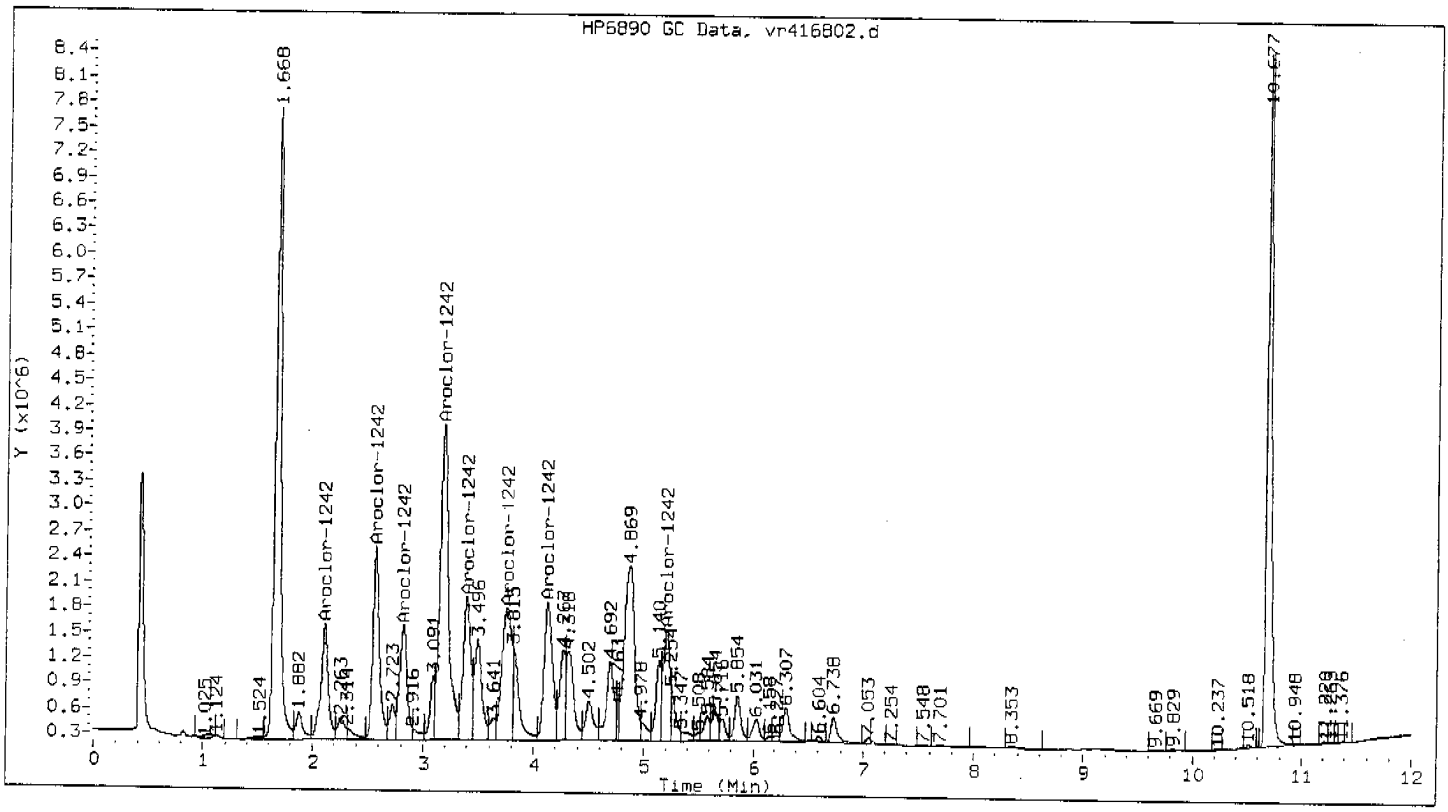
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416802.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	6427.76
2	9597.31
3	6469.59
4	20095.46
5	8221.00
6	9623.40
7	8769.60
8	5490.13

Comments:

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416802.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 7671 1242-1000A
Lab ID : 7671 1242-1000A
Inj Date : 09-MAR-2007 20:39
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)	2.113	2.113	0.000	6427757	1000.000	1000.000
(2)		2.566	2.566	0.000	9597308	1000.000	1000.000
(3)		2.823	2.823	0.000	6469593	1000.000	1000.000
(4)		3.181	3.181	0.000	20095460	1000.000	1000.000
(5)		3.393	3.393	0.000	8221002	1000.000	1000.000
(6)		3.755	3.755	0.000	9623400	1000.000	1000.000
(7)		4.120	4.120	0.000	8769598	1000.000	1000.000
(8)		5.206	5.206	0.000	5490130	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: StxCLP2 Confirmatory Column

Midpoint Calibration File:

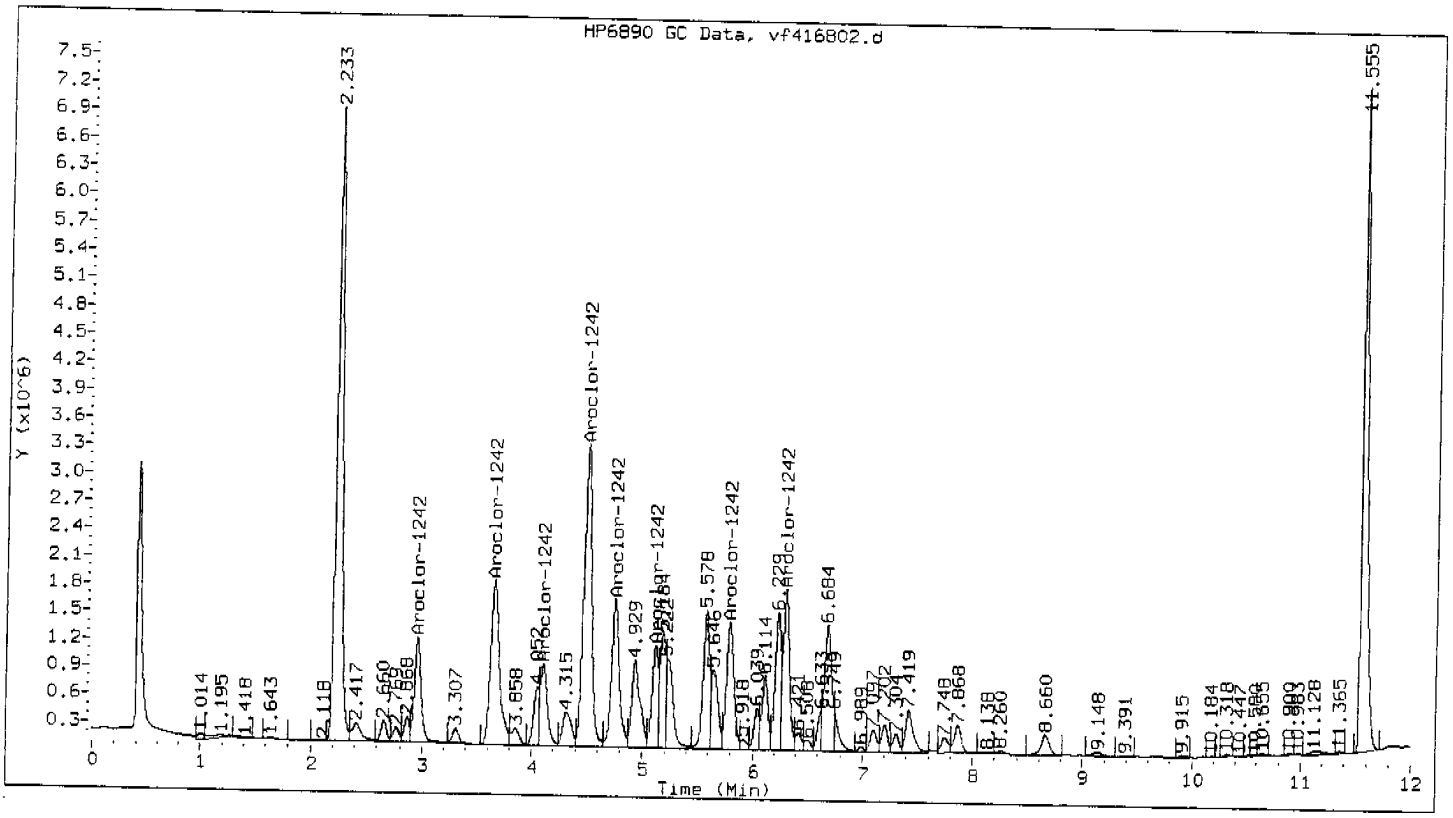
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416802.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	4839.23
2	10288.43
3	4013.09
4	16679.31
5	7694.72
6	4047.77
7	6587.44
8	7180.17

Comments:

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416802.d Page 1
Report Date 03/12/2007 06:38



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 7671 1242-1000A
Lab ID : 7671 1242-1000A
Inj Date : 09-MAR-2007 20:39
Operator : 615
Cpnd Sublist: AR12420 4/3/12/7

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)	2.959	2.959	0.000	4839233	1000.000	1000.000
(2)		3.657	3.657	0.000	10288434	1000.000	1000.000
(3)		4.106	4.106	0.000	4013090	1000.000	1000.000
(4)		4.498	4.498	0.000	16679308	1000.000	1000.000
(5)		4.748	4.748	0.000	7694718	1000.000	1000.000
(6)		5.114	5.114	0.000	4047766	1000.000	1000.000
(7)		5.788	5.788	0.000	6587442	1000.000	1000.000
(8)		6.301	6.301	0.000	7180171	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:

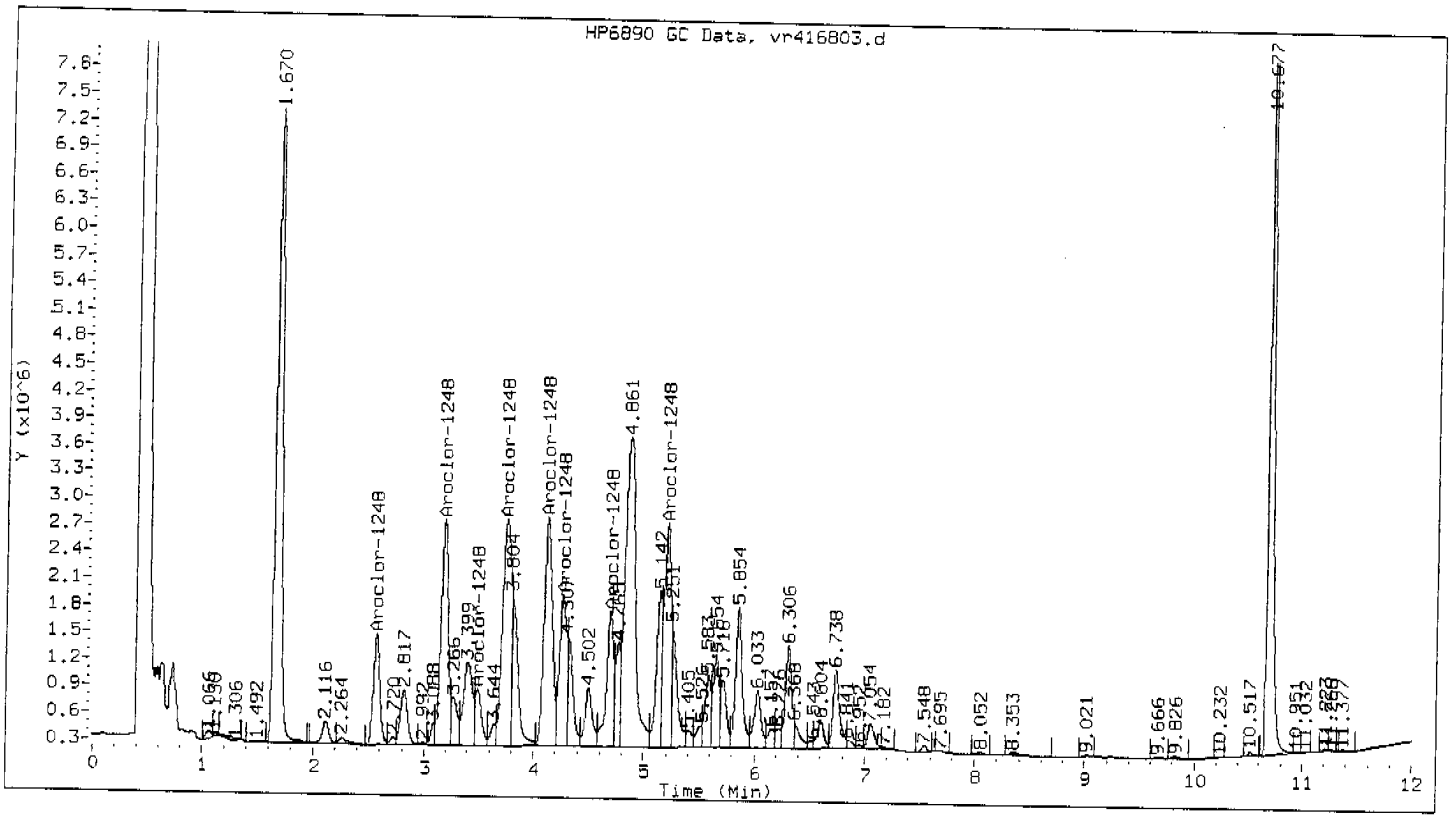
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416803.d

Compound	Midpoint Standard Response Factor
Aroclor-1248	4898.44
2	12025.64
3	2692.81
4	14232.41
5	13178.46
6	7570.27
7	6709.19
8	10340.02

Comments:

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416803.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 7633 1248-1000A
Lab ID : 7633 1248-1000A
Inj Date : 09-MAR-2007 20:54
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)	2.564	2.564	0.000	4898439	1000.000	1000.000
(2)		3.176	3.176	0.000	12025640	1000.000	1000.000
(3)		3.492	3.492	0.000	2692806	1000.000	1000.000
(4)		3.750	3.750	0.000	14232405	1000.000	1000.000
(5)		4.118	4.118	0.000	13178462	1000.000	1000.000
(6)		4.262	4.262	0.000	7570268	1000.000	1000.000
(7)		4.691	4.691	0.000	6709194	1000.000	1000.000
(8)		5.206	5.206	0.000	10340018	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: StxCLP2 Confirmatory Column

Midpoint Calibration File:

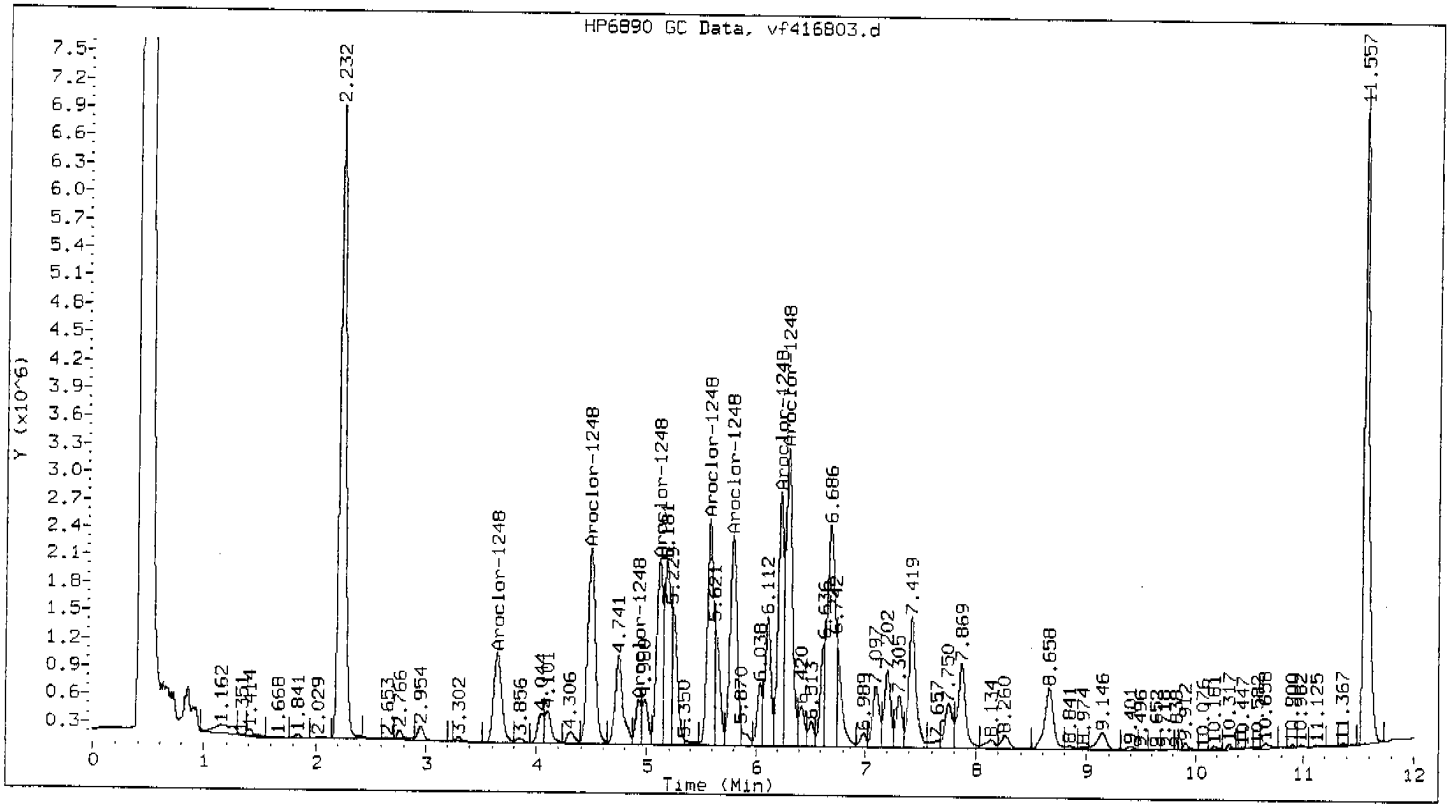
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416803.d

Compound	Midpoint Standard Response Factor
Aroclor-1248	5001.41
2	10405.88
3	1585.36
4	7521.06
5	9597.08
6	10226.88
7	9594.96
8	13733.90

Comments:

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416803.d Page 1
Report Date 03/12/2007 06:38



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 7633 1248-1000A
Lab ID : 7633 1248-1000A
Inj Date : 09-MAR-2007 20:54
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)	3.649	3.649	0.000	5001406	1000.000	1000.000
(2)		4.491	4.491	0.000	10405878	1000.000	1000.000
(3)		4.926	4.926	0.000	1585362	1000.000	1000.000
(4)		5.112	5.112	0.000	7521058	1000.000	1000.000
(5)		5.577	5.577	0.000	9597081	1000.000	1000.000
(6)		5.786	5.786	0.000	10226878	1000.000	1000.000
(7)		6.228	6.228	0.000	9594962	1000.000	1000.000
(8)		6.298	6.298	0.000	13733895	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:

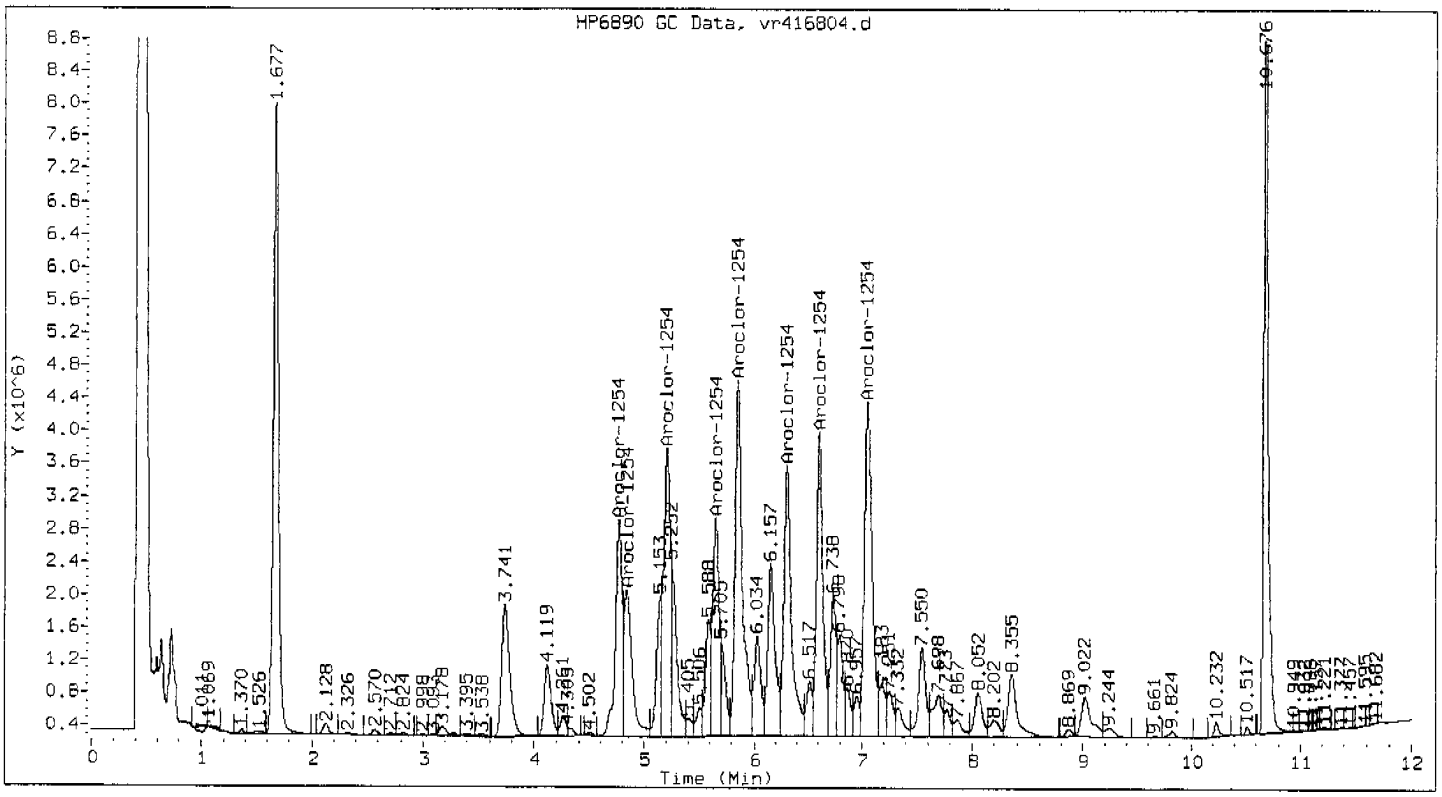
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416804.d

Compound	Midpoint Standard Response Factor
Aroclor-1254	11407.56
2	9117.40
3	15257.39
4	11199.88
5	20205.89
6	16297.43
7	15558.98
8	19973.73

Comments:

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416804.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 8057 1254-1000A
Lab ID : 8057 1254-1000A
Inj Date : 09-MAR-2007 21:09
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1254	(M)	4.772	4.772	0.000	11407562	1000.000	1000.000
(2)		4.842	4.842	0.000	9117398	1000.000	1000.000
(3)		5.210	5.210	0.000	15257389	1000.000	1000.000
(4)		5.655	5.655	0.000	11199883	1000.000	1000.000
(5)		5.856	5.856	0.000	20205894	1000.000	1000.000
(6)		6.307	6.307	0.000	16297430	1000.000	1000.000
(7)		6.607	6.607	0.000	15558976	1000.000	1000.000
(8)		7.055	7.055	0.000	19973729	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: StxCLP2 Confirmatory Column

Midpoint Calibration File:

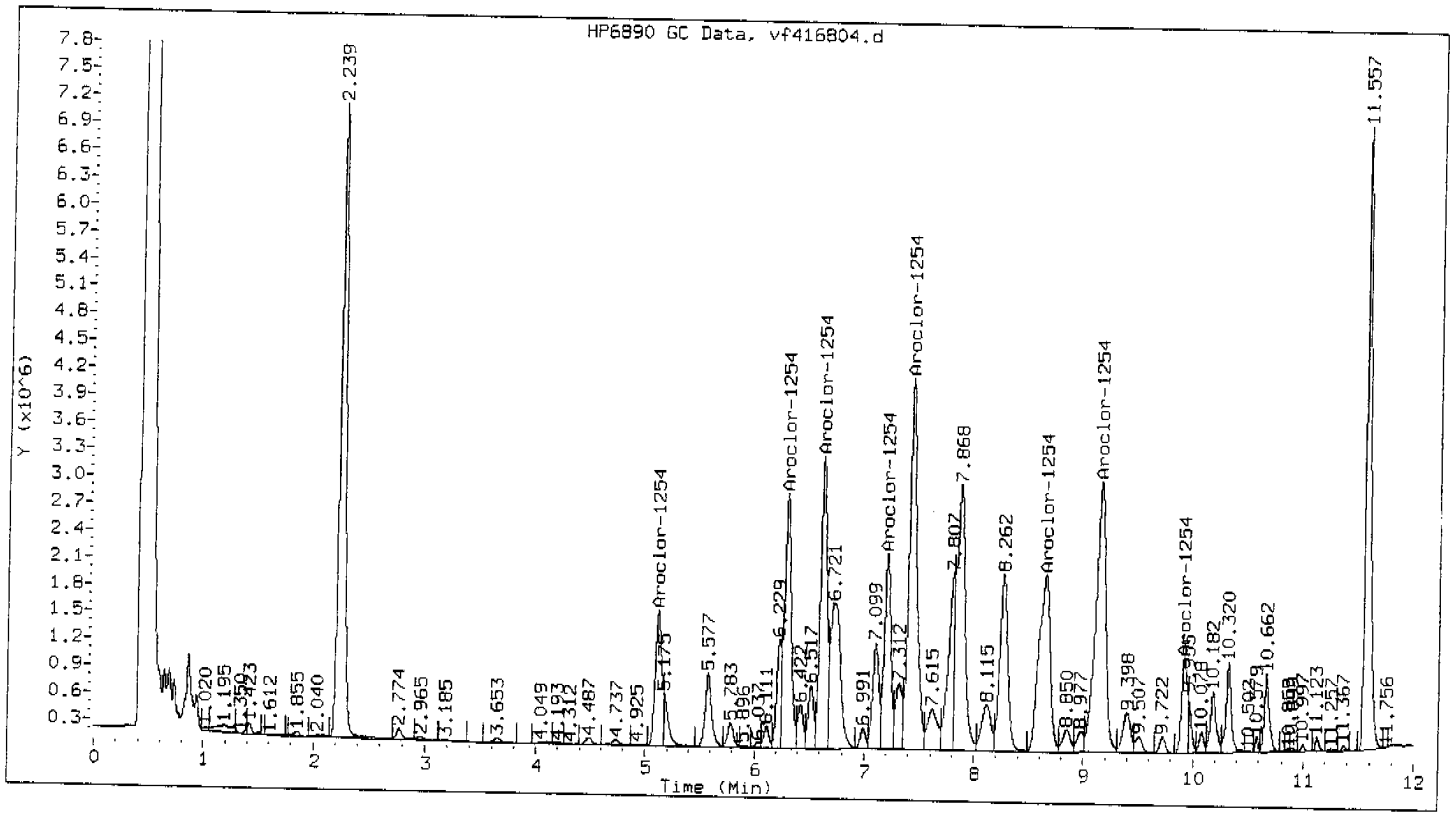
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416804.d

Compound	Midpoint Standard Response Factor
Aroclor-1254	6530.17
2	12364.75
3	13353.80
4	8868.14
5	20516.67
6	14372.43
7	19626.27
8	3755.10

Comments:

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416804.d Page 1
Report Date 03/12/2007 06:38



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 8057 1254-1000A
Lab ID : 8057 1254-1000A
Inj Date : 09-MAR-2007 21:09
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1254	(M)	5.114	5.114	0.000	6530168	1000.000	1000.000
(2)		6.296	6.296	0.000	12364749	1000.000	1000.000
(3)		6.620	6.620	0.000	13353796	1000.000	1000.000
(4)		7.205	7.205	0.000	8868141	1000.000	1000.000
(5)		7.421	7.421	0.000	20516672	1000.000	1000.000
(6)		8.651	8.651	0.000	14372431	1000.000	1000.000
(7)		9.151	9.151	0.000	19626266	1000.000	1000.000
(8)		9.917	9.917	0.000	3755100	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:

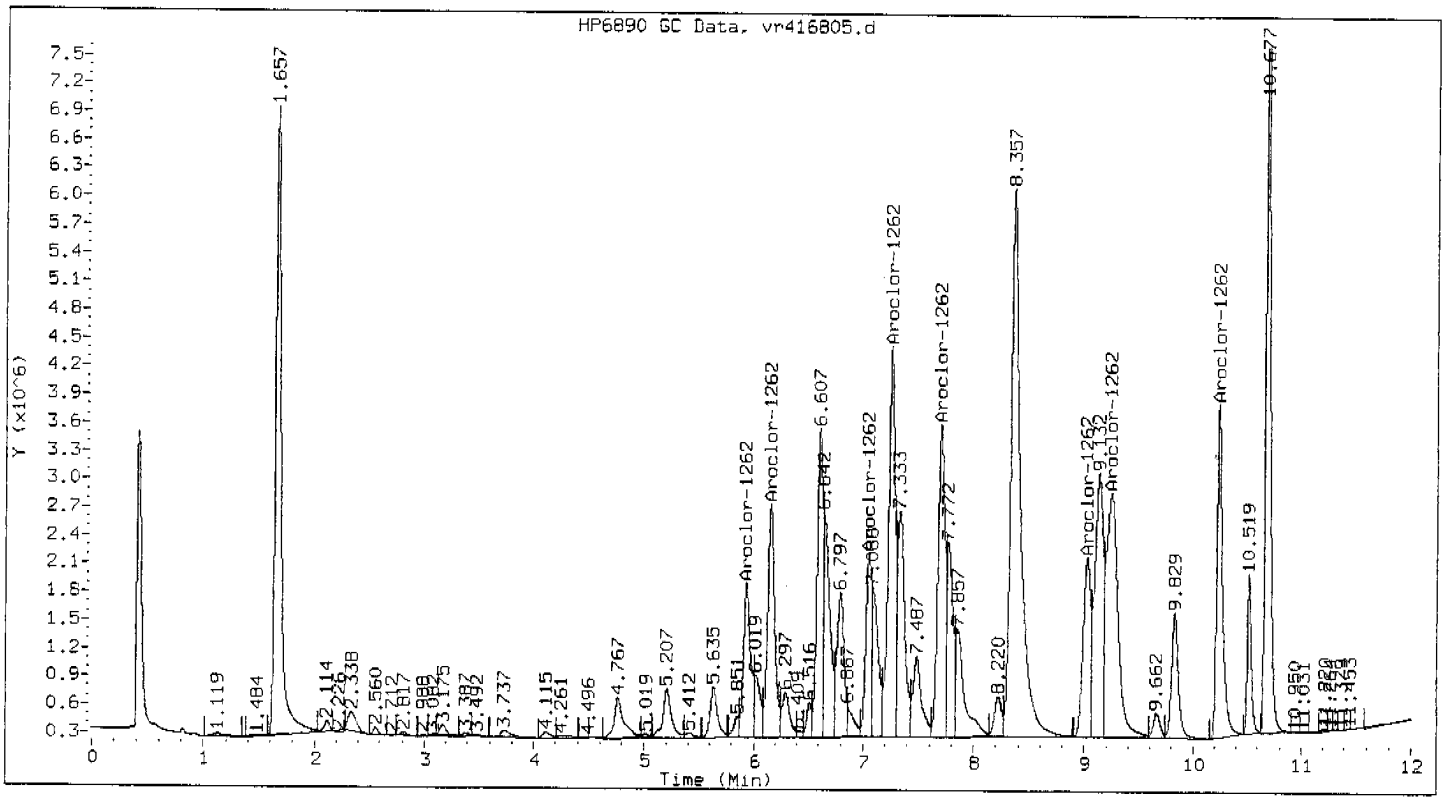
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416805.d

Compound	Midpoint Standard Response Factor
Aroclor-1262	7672.10
2	11327.90
3	7596.82
4	17869.01
5	14611.82
6	9175.60
7	19129.03
8	12964.22

Comments:

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416805.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 7426 1262-1000A
Lab ID : 7426 1262-1000A
Inj Date : 09-MAR-2007 21:25
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	(M)	5.930	5.930	0.000	7672100	1000.000	1000.000
(2)		6.156	6.156	0.000	11327897	1000.000	1000.000
(3)		7.053	7.053	0.000	7596824	1000.000	1000.000
(4)		7.256	7.256	0.000	17869005	1000.000	1000.000
(5)		7.702	7.702	0.000	14611819	1000.000	1000.000
(6)		9.024	9.024	0.000	9175597	1000.000	1000.000
(7)		9.246	9.246	0.000	19129026	1000.000	1000.000
(8)		10.236	10.236	0.000	12964215	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: StxCLP2 Confirmatory Column

Midpoint Calibration File:

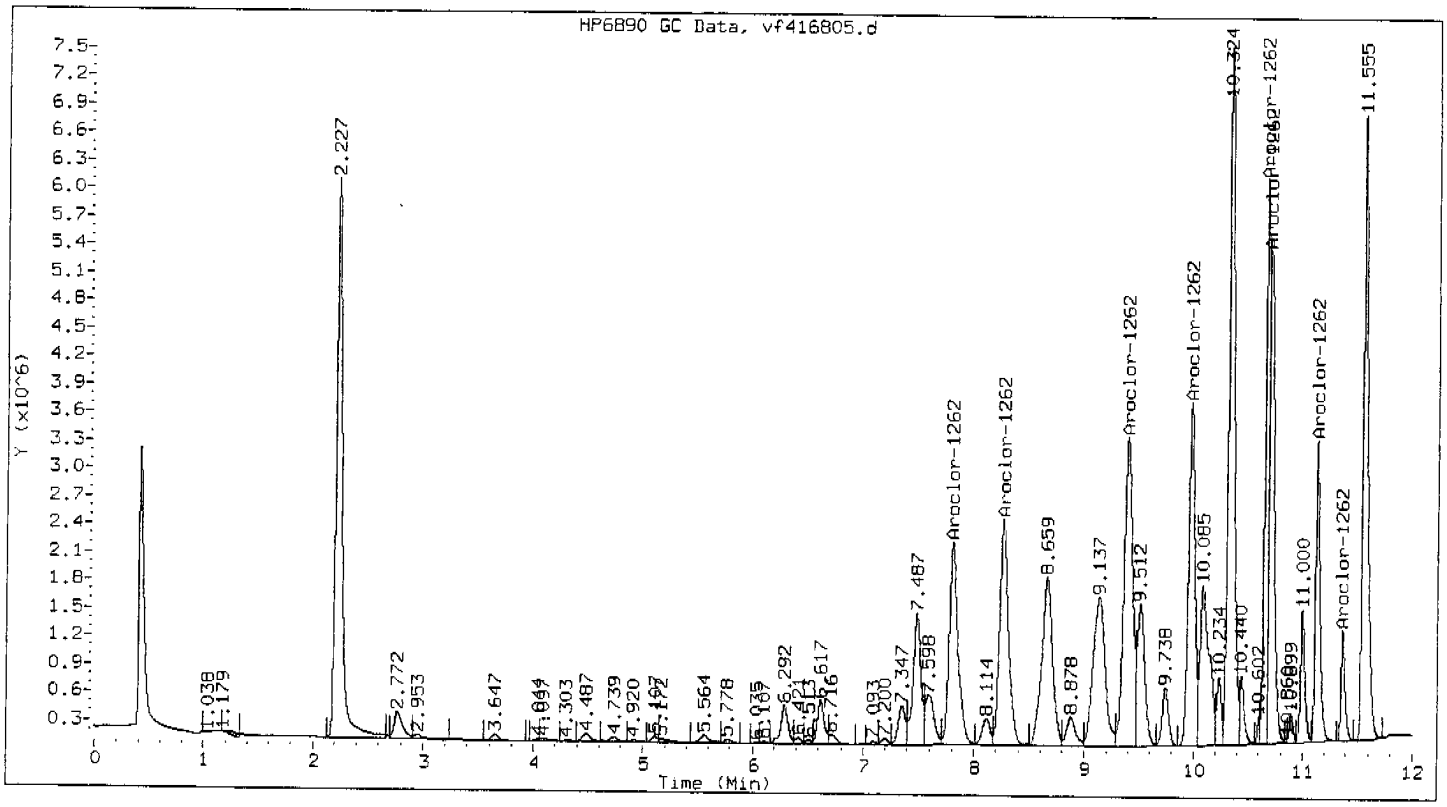
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416805.d

Compound	Midpoint Standard Response Factor
Aroclor-1262	11954.40
2	13538.27
3	18096.87
4	15049.22
5	14450.98
6	16980.61
7	9227.92
8	2872.16

Comments:

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416805.d Page 1
Report Date 03/12/2007 06:38



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 7426 1262-1000A
Lab ID : 7426 1262-1000A
Inj Date : 09-MAR-2007 21:25
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	(M)	7.805	7.805	0.000	11954399	1000.000	1000.000
(2)		8.262	8.262	0.000	13538268	1000.000	1000.000
(3)		9.391	9.391	0.000	18096873	1000.000	1000.000
(4)		9.970	9.970	0.000	15049216	1000.000	1000.000
(5)		10.661	10.661	0.000	14450981	1000.000	1000.000
(6)		10.690	10.690	0.000	16980606	1000.000	1000.000
(7)		11.127	11.127	0.000	9227919	1000.000	1000.000
(8)		11.367	11.367	0.000	2872163	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:

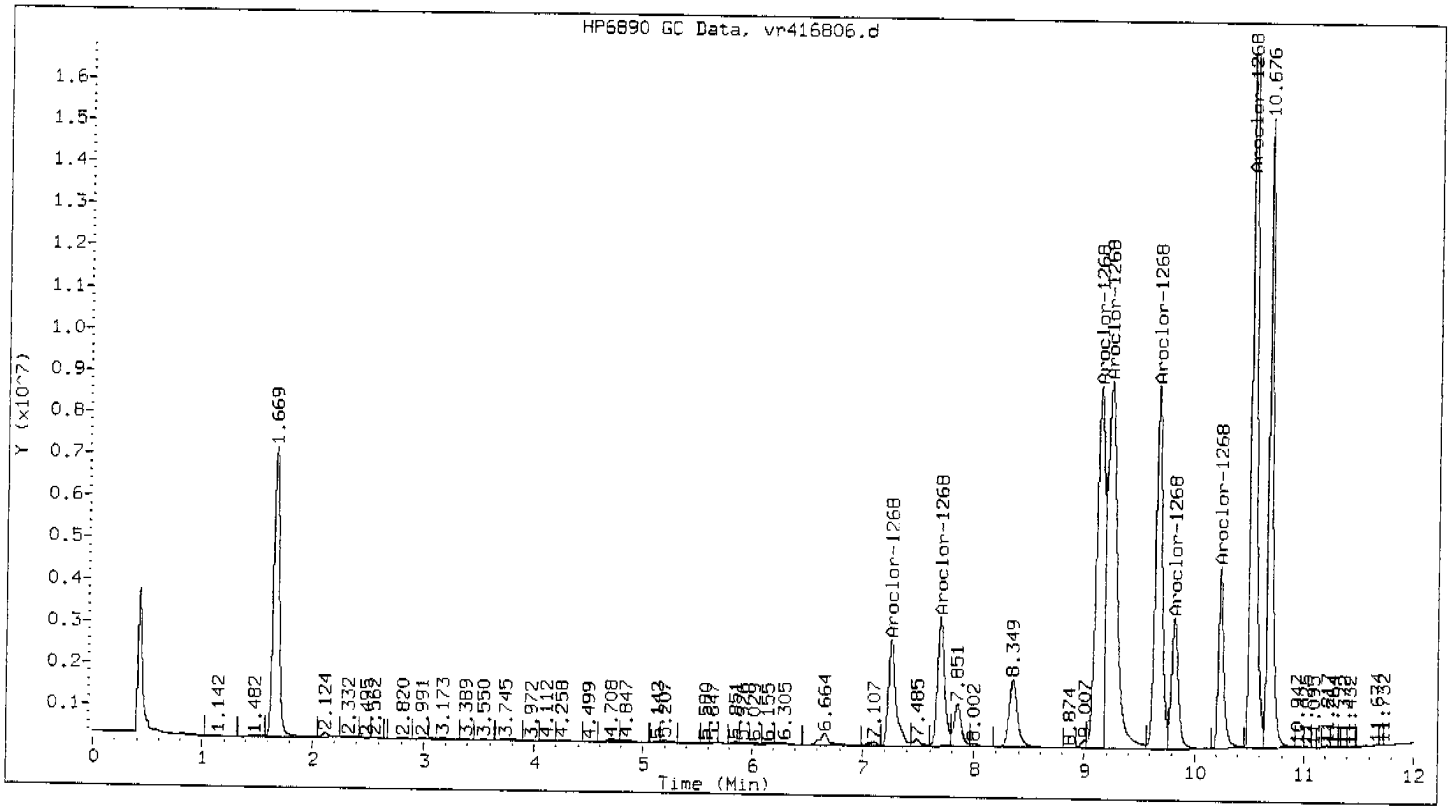
/chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416806.d

Compound	Midpoint Standard Response Factor
Aroclor-1268	11979.88
2	14191.49
3	42886.14
4	56114.64
5	37425.03
6	13599.90
7	14834.00
8	80675.45

Comments:

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

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416806.d Page 1
Report Date 03/12/2007 06:20



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/06Vr8082.m
Sample Info : 7601 1268-1000A
Lab ID : 7601 1268-1000A
Inj Date : 09-MAR-2007 21:40
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	(M)	7.256	7.256	0.000	11979875	1000.000	1000.000
(2)		7.693	7.693	0.000	14191485	1000.000	1000.000
(3)		9.134	9.134	0.000	42886139	1000.000	1000.000
(4)		9.232	9.232	0.000	56114638	1000.000	1000.000
(5)		9.664	9.664	0.000	37425025	1000.000	1000.000
(6)		9.817	9.817	0.000	13599903	1000.000	1000.000
(7)		10.236	10.236	0.000	14834002	1000.000	1000.000
(8)		10.519	10.519	0.000	80675453	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: StxCLP2 Confirmatory Column

Midpoint Calibration File:

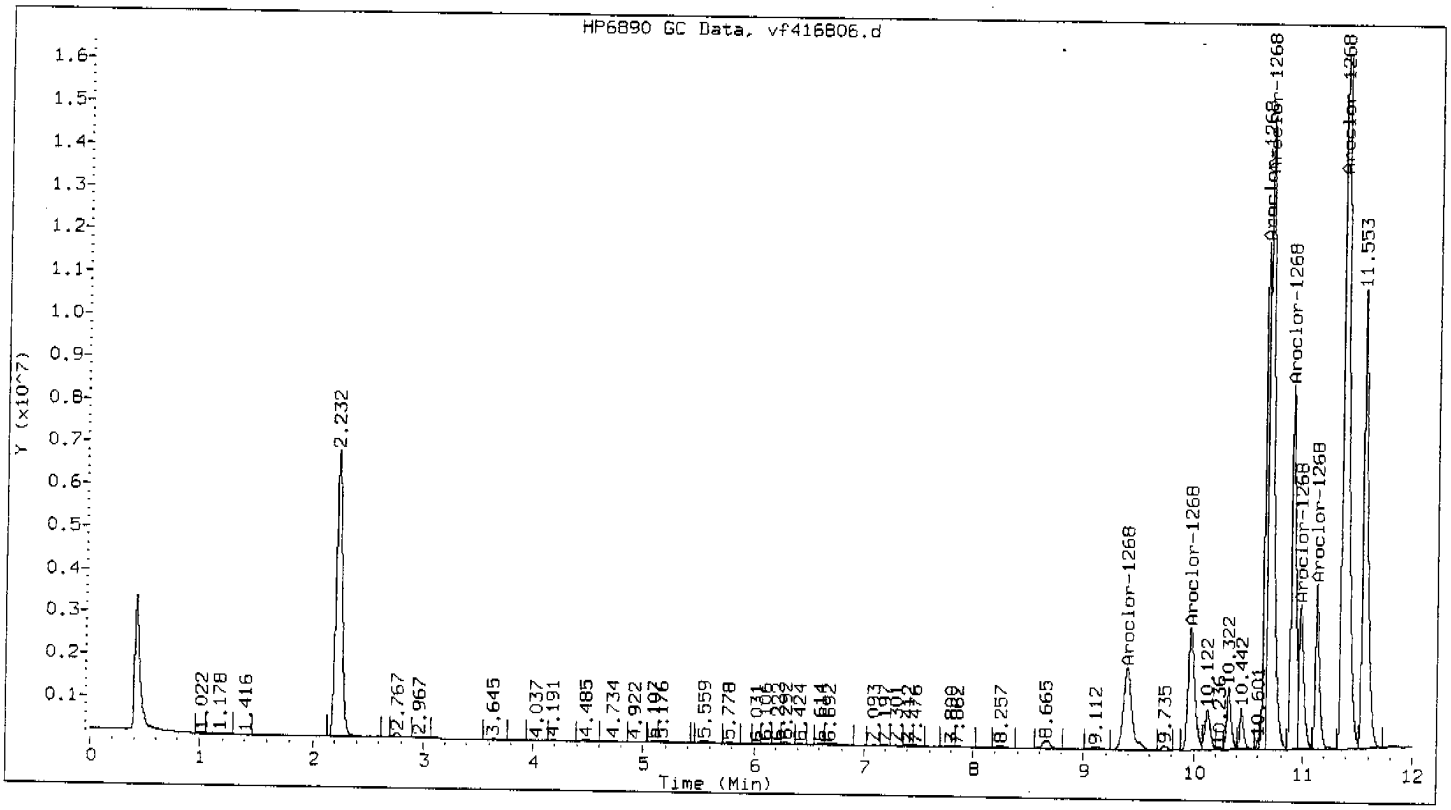
/chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416806.d

Compound	Midpoint Standard Response Factor
Aroclor-1268	10505.94
2	11973.79
3	21890.27
4	51364.64
5	23682.43
6	10703.29
7	10723.57
8	68826.03

Comments:

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

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416806.d Page 1
Report Date 03/12/2007 06:38



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/06Vf8082.m
Sample Info : 7601 1268-1000A
Lab ID : 7601 1268-1000A
Inj Date : 09-MAR-2007 21:40
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)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	(M)	9.390	9.390	0.000	10505944	1000.000	1000.000
(2)		9.970	9.970	0.000	11973793	1000.000	1000.000
(3)		10.656	10.656	0.000	21890271	1000.000	1000.000
(4)		10.692	10.692	0.000	51364637	1000.000	1000.000
(5)		10.901	10.901	0.000	23682427	1000.000	1000.000
(6)		10.977	10.977	0.000	10703287	1000.000	1000.000
(7)		11.126	11.126	0.000	10723572	1000.000	1000.000
(8)		11.367	11.367	0.000	68826032	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/Mar07/03-15-07/15mar07d.b/vr417114.d
Method: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07d.b/06Vr8082.m

Sample Information: 8136 1660-1000D
Injection Date: 15-MAR-2007 17:24

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.102	1000	966.72	3.33
Aroclor-1016	2	2.558	1000	1004.34	0.43
Aroclor-1016	3	2.815	1000	1047.83	4.78
Aroclor-1016	4	3.173	1000	1033.37	3.34
Aroclor-1016	5	3.385	1000	1024.90	2.49
Aroclor-1016	6	3.488	1000	1110.51	11.05
Aroclor-1016	7	4.114	1000	1034.49	3.45
Aroclor-1016	8	4.259	1000	1056.76	5.68
Aroclor-1260	1	6.151	1000	1051.40	5.14
Aroclor-1260	2	6.602	1000	1037.31	3.73
Aroclor-1260	3	7.049	1000	1076.91	7.69
Aroclor-1260	4	7.250	1000	983.21	1.68
Aroclor-1260	5	7.697	1000	1040.57	4.06
Aroclor-1260	6	9.018	1000	1038.58	3.86
Aroclor-1260	7	9.242	1000	1130.48	13.05
Aroclor-1260	8	10.233	1000	1057.46	5.75

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.653	100	105.28	5.28
Decachlorobiphenyl(sur	10.675	100	100.70	0.70

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07d.b/vr417114.d
Injection Date: 15-MAR-2007 17:24

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.103	(2.033 - 2.173)	2.102	
	2.559	(2.489 - 2.629)	2.558	
	2.816	(2.746 - 2.886)	2.815	
	3.175	(3.105 - 3.245)	3.173	
	3.387	(3.317 - 3.457)	3.385	
	3.490	(3.420 - 3.560)	3.488	
	4.116	(4.046 - 4.186)	4.114	
	4.261	(4.191 - 4.331)	4.259	
Aroclor-1260	6.156	(6.086 - 6.226)	6.151	
	6.608	(6.538 - 6.678)	6.602	
	7.055	(6.985 - 7.125)	7.049	
	7.256	(7.186 - 7.326)	7.250	
	7.705	(7.635 - 7.775)	7.697	
	9.029	(8.959 - 9.099)	9.018	
	9.251	(9.181 - 9.321)	9.242	
	10.238	(10.168 - 10.308)	10.233	
Tetrachloro-m-xylene(surr)	1.655	(1.605 - 1.705)	1.653	
Decachlorobiphenyl(surr)	10.678	(10.578 - 10.778)	10.675	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07d.b/vf417114.d
Method: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07d.b/06Vf8082.m

Sample Information: 8136 1660-1000D
Injection Date: 15-MAR-2007 17:24

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.949	1000	989.21	1.08
Aroclor-1016	2	3.645	1000	1038.96	3.90
Aroclor-1016	3	4.095	1000	1071.97	7.20
Aroclor-1016	4	4.488	1000	1063.59	6.36
Aroclor-1016	5	4.738	1000	1038.12	3.81
Aroclor-1016	6	5.174	1000	1030.89	3.09
Aroclor-1016	7	5.568	1000	1002.67	0.27
Aroclor-1016	8	5.780	1000	1059.19	5.92
Aroclor-1260	1	7.797	1000	1040.78	4.08
Aroclor-1260	2	8.253	1000	1042.41	4.24
Aroclor-1260	3	9.135	1000	1076.70	7.67
Aroclor-1260	4	9.381	1000	1065.49	6.55
Aroclor-1260	5	9.503	1000	1086.97	8.70
Aroclor-1260	6	9.962	1000	1049.66	4.97
Aroclor-1260	7	10.660	1000	958.43	4.16
Aroclor-1260	8	11.126	1000	951.87	4.81

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.219	100	103.25	3.25
Decachlorobiphenyl(sur	11.561	100	102.70	2.70

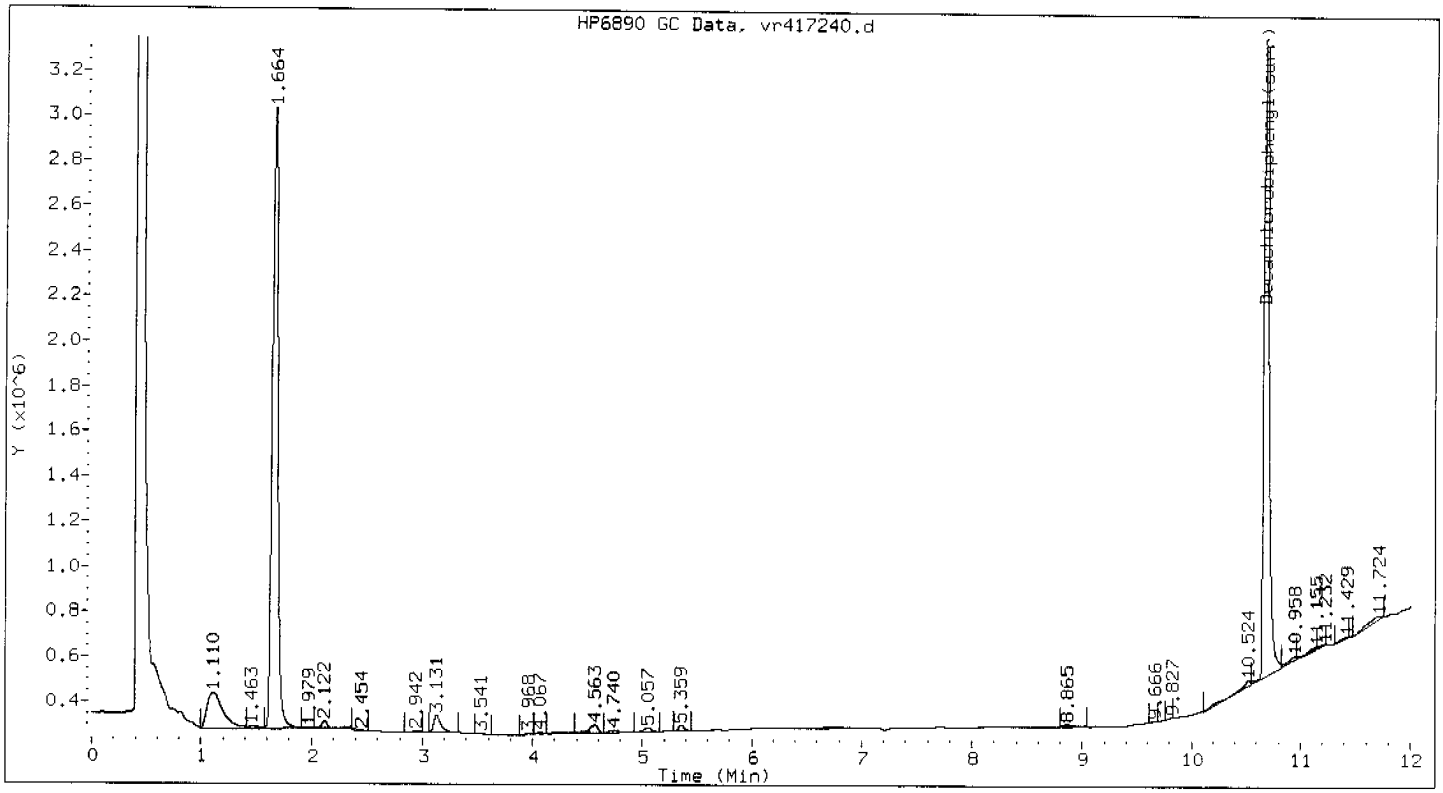
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07d.b/vf417114.d
Injection Date: 15-MAR-2007 17:24

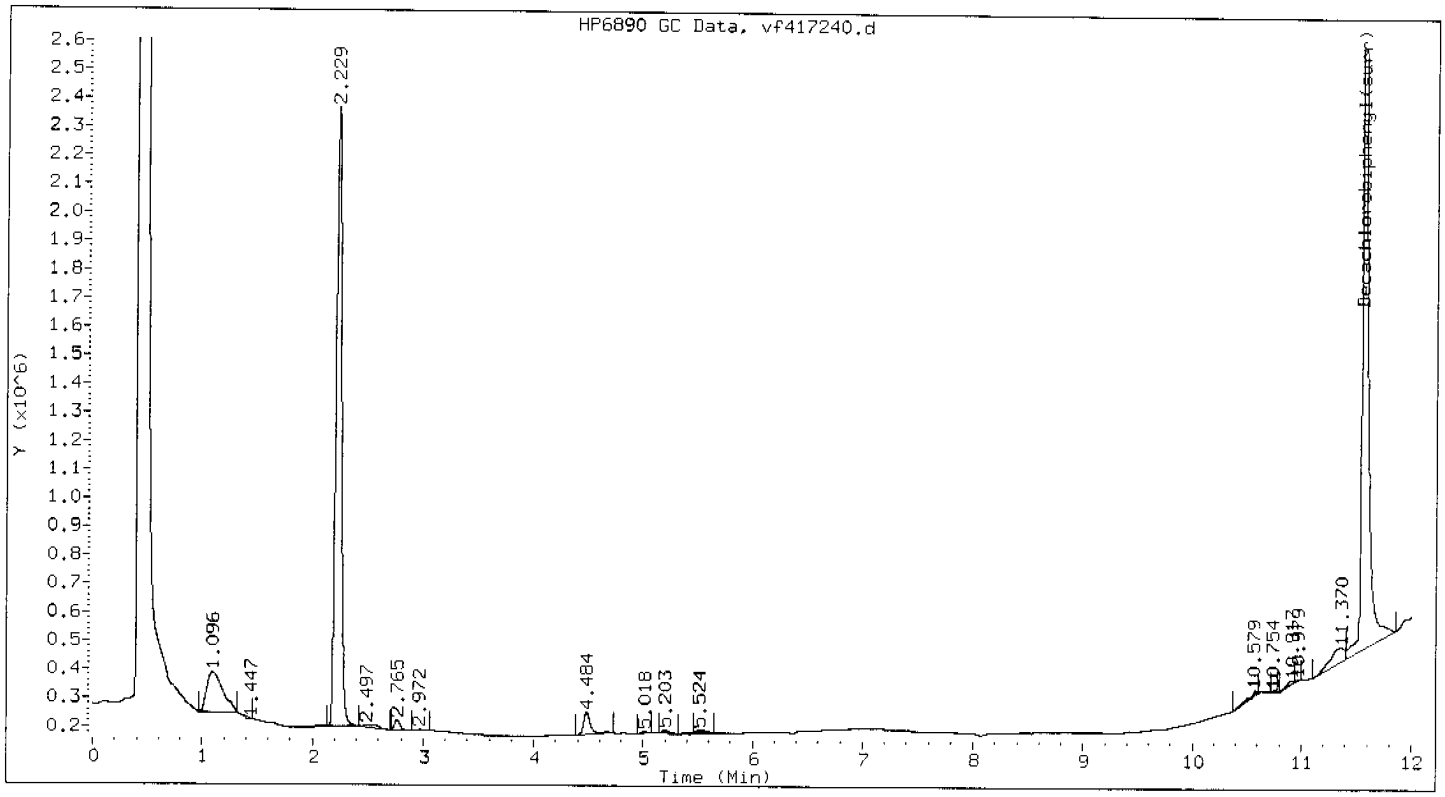
Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.955	(2.885 - 3.025)	2.949	
	3.653	(3.583 - 3.723)	3.645	
	4.103	(4.033 - 4.173)	4.095	
	4.496	(4.426 - 4.566)	4.488	
	4.748	(4.678 - 4.818)	4.738	
	5.184	(5.114 - 5.254)	5.174	
	5.578	(5.508 - 5.648)	5.568	
	5.789	(5.719 - 5.859)	5.780	
Aroclor-1260	7.809	(7.739 - 7.879)	7.797	
	8.267	(8.197 - 8.337)	8.253	
	9.155	(9.085 - 9.225)	9.135	
	9.396	(9.326 - 9.466)	9.381	
	9.518	(9.448 - 9.588)	9.503	
	9.973	(9.903 - 10.043)	9.962	
	10.665	(10.595 - 10.735)	10.660	
	11.130	(11.060 - 11.200)	11.126	
Tetrachloro-m-xylene(surr)	2.225	(2.175 - 2.275)	2.219	
Decachlorobiphenyl(surr)	11.563	(11.463 - 11.663)	11.561	



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07d.b/06Vr8082.m
Sample Info : sp078;mb68641
Lab ID : SP078
Inj Date : 20-MAR-2007 00:39
Operator : 615
Cpnd Sublist: PCB8082+

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

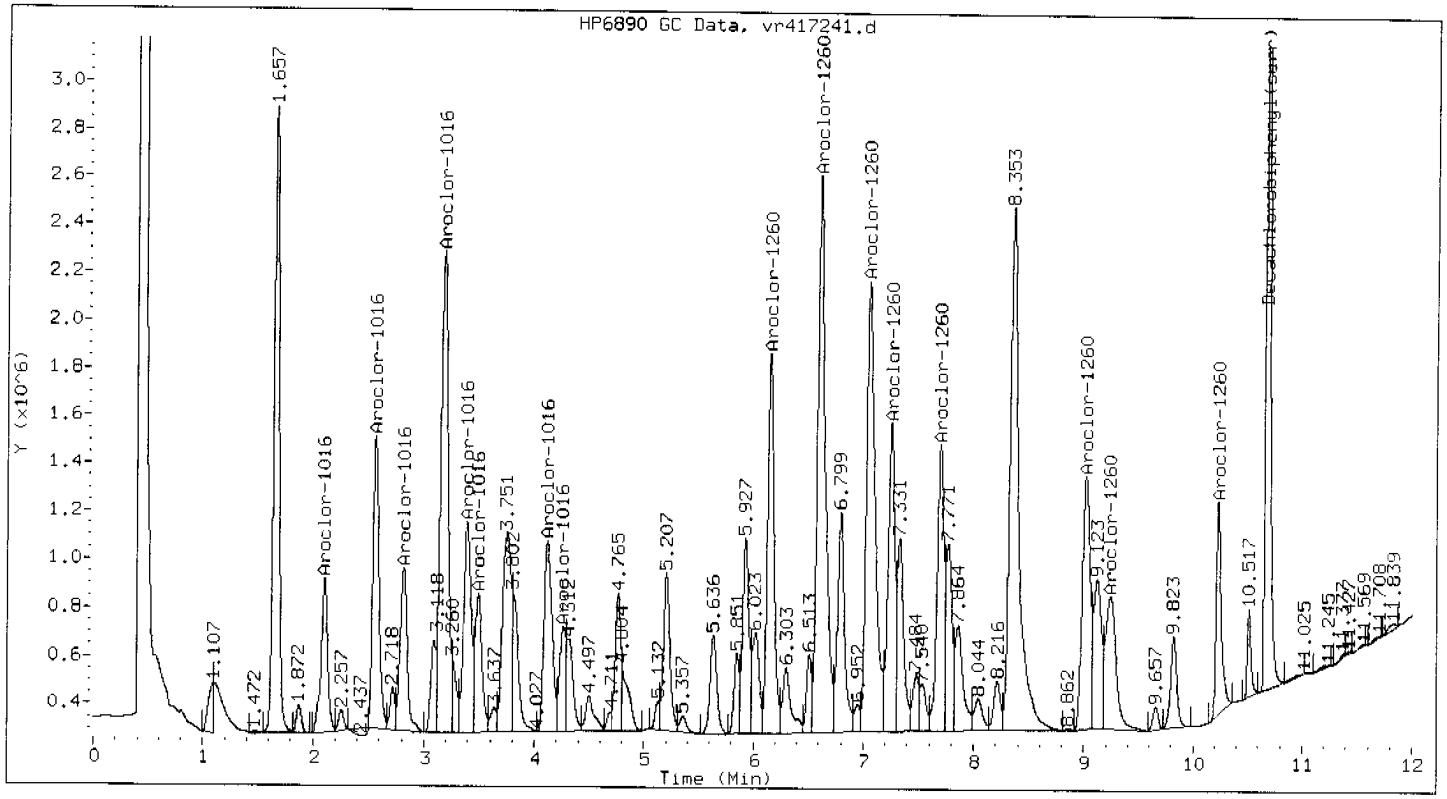
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.675	10.676	0.001	11326106	43.719	29.146



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07d.b/06Vf8082.m
Sample Info : sp078;mb68641
Lab ID : SP078
Inj Date : 20-MAR-2007 00:39
Operator : 615
Cpnd Sublist: PCB8082+ 1/3/21/7

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

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.562	11.564	0.002	9145198	45.130	30.087



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07d.b/06Vr8082.m
Sample Info : 5086bs;bs55215
Lab ID : 5086BS
Inj Date : 20-MAR-2007 00:54
Operator : 615
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 (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.104	2.108	0.004	2634165	377.550	251.700
(2)		2.561	2.563	0.003	4675679	393.838	262.558
(3)		2.818	2.820	0.002	3057811	396.412	264.275
(4)		3.177	3.179	0.003	9462867	386.625	257.750
(5)		3.389	3.391	0.002	4107040	405.243	270.162
(6)		3.491	3.494	0.003	2529052	384.526	256.351
(7)		4.117	4.118	0.002	4031600	387.744	258.496
(8)		4.262	4.265	0.003	1797440	384.337	256.225
Average of peak concentrations:							260.00
Aroclor-1260		6.153	6.154	0.001	6573130	427.674	285.116
(2)		6.604	6.605	0.001	11563762	418.260	278.840
(3)		7.052	7.052	0.001	10358125	416.919	277.946
(4)		7.252	7.253	0.001	5331328	412.753	275.168
(5)		7.699	7.701	0.002	5125773	413.128	275.418
(6)		9.020	9.022	0.002	5341620	390.188	260.125

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
(7)	9.245	9.245	0.000	3773363	384.745	256.496
(8)	10.233	10.233	0.000	2873911	357.748	238.499
Average of peak concentrations:						270.00
Decachlorobiphenyl (surr)	10.676	10.676	0.000	9557264	36.891	24.594

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07e.b/vr417136.d
Method: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07e.b/06Vr8082.m

Sample Information: 8136 1660-1000E
Injection Date: 15-MAR-2007 23:04

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.102	1000	993.62	0.64
Aroclor-1016	2	2.558	1000	1000.57	0.06
Aroclor-1016	3	2.817	1000	1032.79	3.28
Aroclor-1016	4	3.176	1000	1013.08	1.31
Aroclor-1016	5	3.387	1000	1003.46	0.35
Aroclor-1016	6	3.489	1000	1127.82	12.78
Aroclor-1016	7	4.116	1000	1030.10	3.01
Aroclor-1016	8	4.262	1000	1041.10	4.11
Aroclor-1260	1	6.155	1000	1036.75	3.67
Aroclor-1260	2	6.606	1000	1017.99	1.80
Aroclor-1260	3	7.053	1000	1048.14	4.81
Aroclor-1260	4	7.254	1000	984.42	1.56
Aroclor-1260	5	7.702	1000	1006.19	0.62
Aroclor-1260	6	9.025	1000	1000.23	0.02
Aroclor-1260	7	9.247	1000	1094.06	9.41
Aroclor-1260	8	10.236	1000	1024.96	2.50

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.653	100	103.05	3.05
Decachlorobiphenyl(sur	10.677	100	97.19	2.81

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07e.b/vr417136.d
Injection Date: 15-MAR-2007 23:04

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.103	(2.033 - 2.173)	2.102	
	2.559	(2.489 - 2.629)	2.558	
	2.816	(2.746 - 2.886)	2.817	
	3.175	(3.105 - 3.245)	3.176	
	3.387	(3.317 - 3.457)	3.387	
	3.490	(3.420 - 3.560)	3.489	
	4.116	(4.046 - 4.186)	4.116	
	4.261	(4.191 - 4.331)	4.262	
Aroclor-1260	6.156	(6.086 - 6.226)	6.155	
	6.608	(6.538 - 6.678)	6.606	
	7.055	(6.985 - 7.125)	7.053	
	7.256	(7.186 - 7.326)	7.254	
	7.705	(7.635 - 7.775)	7.702	
	9.029	(8.959 - 9.099)	9.025	
	9.251	(9.181 - 9.321)	9.247	
	10.238	(10.168 - 10.308)	10.236	
Tetrachloro-m-xylene(surr)	1.655	(1.605 - 1.705)	1.653	
Decachlorobiphenyl(surr)	10.678	(10.578 - 10.778)	10.677	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07e.b/vf417136.d
Method: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07e.b/06Vf8082.m

Sample Information: 8136 1660-1000E
Injection Date: 15-MAR-2007 23:04

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.952	1000	993.41	0.66
Aroclor-1016	2	3.649	1000	1000.09	0.01
Aroclor-1016	3	4.100	1000	1044.19	4.42
Aroclor-1016	4	4.492	1000	1023.58	2.36
Aroclor-1016	5	4.742	1000	1008.75	0.88
Aroclor-1016	6	5.179	1000	958.89	4.11
Aroclor-1016	7	5.573	1000	969.79	3.02
Aroclor-1016	8	5.784	1000	1019.96	2.00
Aroclor-1260	1	7.803	1000	1013.21	1.32
Aroclor-1260	2	8.260	1000	1017.17	1.72
Aroclor-1260	3	9.144	1000	1041.10	4.11
Aroclor-1260	4	9.387	1000	1034.14	3.41
Aroclor-1260	5	9.512	1000	1056.22	5.62
Aroclor-1260	6	9.967	1000	1017.06	1.71
Aroclor-1260	7	10.662	1000	918.28	8.17
Aroclor-1260	8	11.126	1000	902.45	9.75

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.222	100	99.26	0.74
Decachlorobiphenyl(sur	11.557	100	97.46	2.54

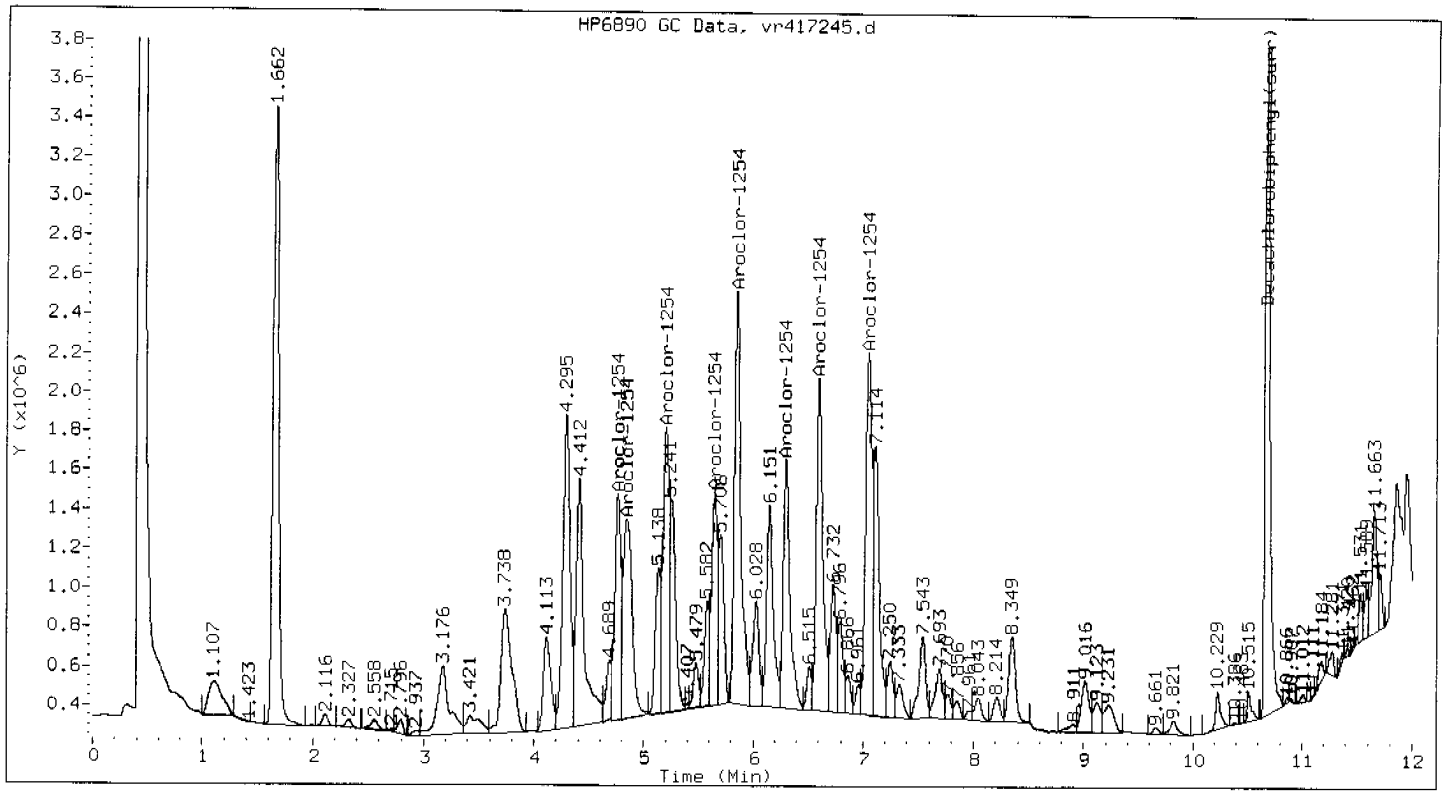
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07e.b/vf417136.d
Injection Date: 15-MAR-2007 23:04

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.955	(2.885 - 3.025)	2.952	
	3.653	(3.583 - 3.723)	3.649	
	4.103	(4.033 - 4.173)	4.100	
	4.496	(4.426 - 4.566)	4.492	
	4.748	(4.678 - 4.818)	4.742	
	5.184	(5.114 - 5.254)	5.179	
	5.578	(5.508 - 5.648)	5.573	
	5.789	(5.719 - 5.859)	5.784	
Aroclor-1260	7.809	(7.739 - 7.879)	7.803	
	8.267	(8.197 - 8.337)	8.260	
	9.155	(9.085 - 9.225)	9.144	
	9.396	(9.326 - 9.466)	9.387	
	9.518	(9.448 - 9.588)	9.512	
	9.973	(9.903 - 10.043)	9.967	
	10.665	(10.595 - 10.735)	10.662	
	11.130	(11.060 - 11.200)	11.126	
Tetrachloro-m-xylene(surr)	2.225	(2.175 - 2.275)	2.222	
Decachlorobiphenyl(surr)	11.563	(11.463 - 11.663)	11.557	



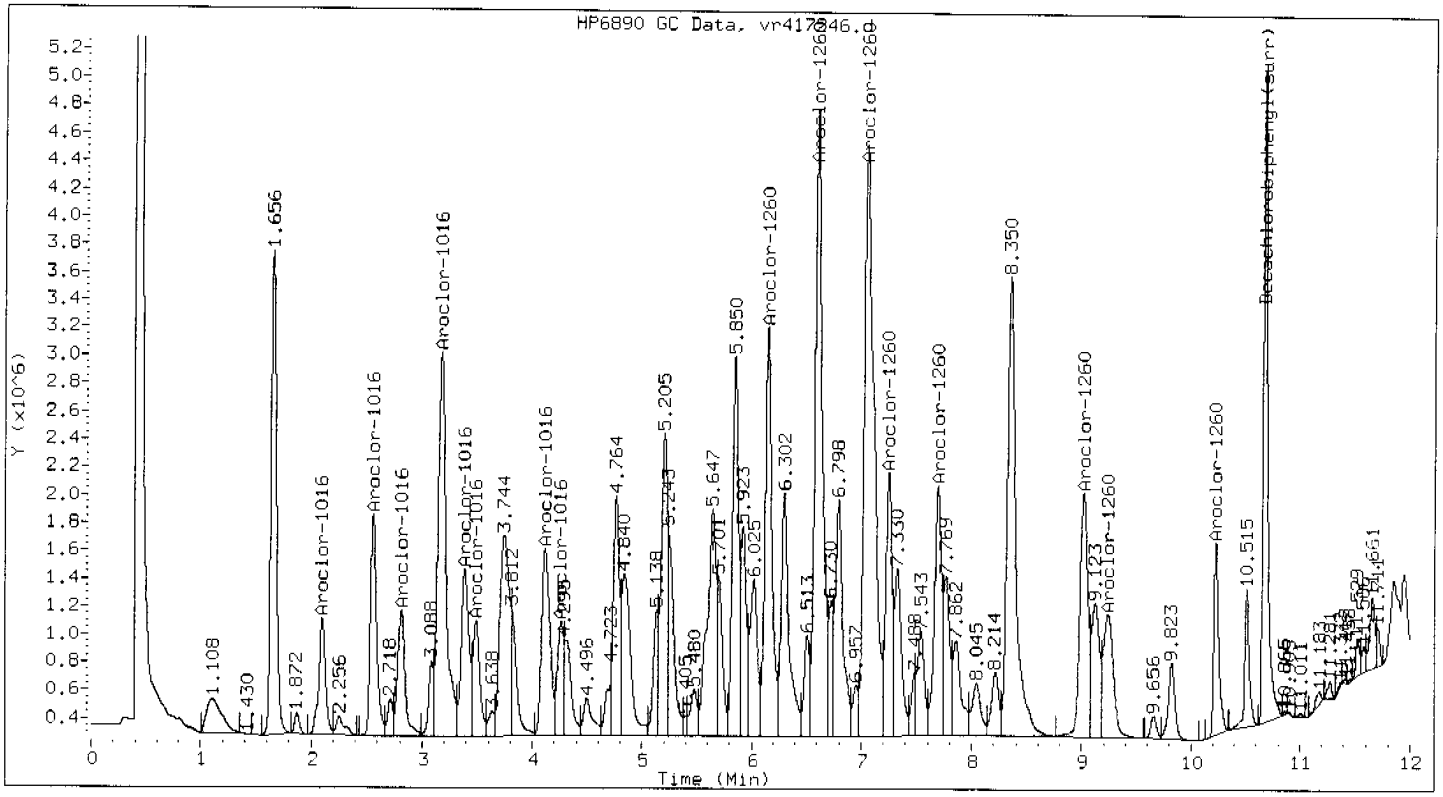
Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814201;3580572
Lab ID : 814201
Inj Date : 20-MAR-2007 01:56
Operator : 615
Cpnd Sublist: PCB8082+

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

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1254	(M)	4.765	4.772	0.007	4586134	402.026	301.482
(2)		4.846	4.842	0.003	5915559	648.821	486.555
(3)		5.206	5.210	0.004	5777481	378.668	283.965
(4)		5.650	5.655	0.005	4173392	372.628	279.436
(5)		5.851	5.856	0.005	8872559	439.107	329.289
(6)		6.301	6.307	0.006	5536691	339.728	254.764
(7)		6.602	6.607	0.004	7058170	453.640	340.187
(8)		7.050	7.055	0.005	7498415	375.414	281.525
Average of peak concentrations:							320.00
Decachlorobiphenyl(surr)		10.675	10.675	0.000	12654118	48.845	36.629

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814201MS;3583709
Lab ID : 814201MS
Inj Date : 20-MAR-2007 02:12
Operator : 615
Cpnd Sublist: PCB8082+

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

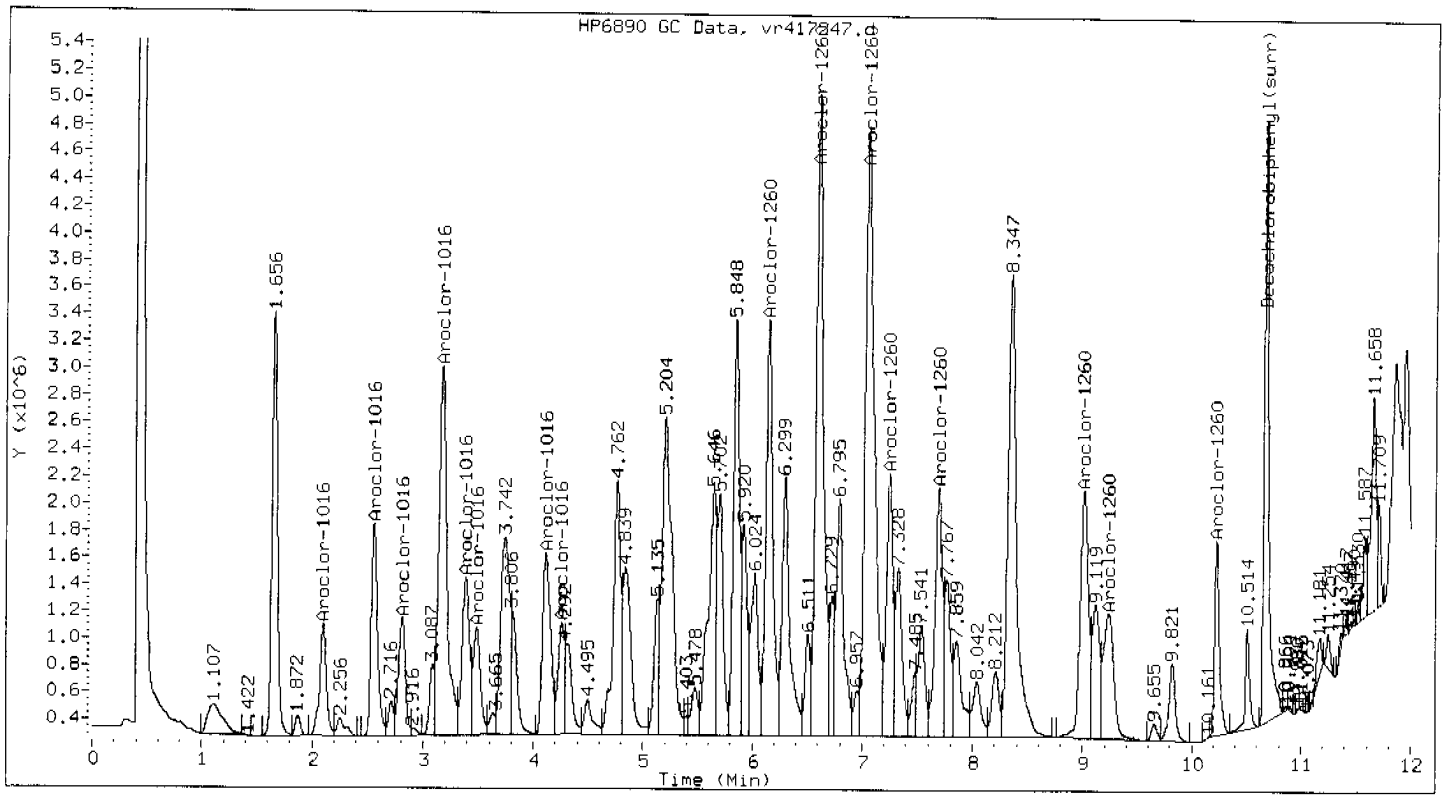
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.104	2.103	0.001	3493933	500.778	375.537
(2)		2.560	2.558	0.002	6372759	536.785	402.538
(3)		2.815	2.816	0.001	4155510	538.717	403.987
(4)		3.176	3.174	0.002	14412945	588.870	441.597
(5)		3.388	3.387	0.002	5708204	563.230	422.369
(6)		3.490	3.489	0.001	3707187	563.654	422.688
(7)		4.114	4.114	0.000	6975451	670.872	503.091
(8)		4.259	4.260	0.001	3450961	737.901	553.357
Average of peak concentrations:							440.00
Aroclor-1260		6.152	6.152	0.000	12871599	837.477	628.030
(2)		6.603	6.603	0.000	20969425	758.462	568.775
(3)		7.050	7.051	0.001	26210815	1054.998	791.149
(4)		7.251	7.252	0.001	7773473	601.824	451.312
(5)		7.697	7.698	0.002	8047139	648.584	486.377
(6)		9.018	9.020	0.002	9069491	662.497	496.810

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
(7)	9.239	9.243	0.004	5714429	582.662	436.942
(8)	10.231	10.233	0.002	4240730	527.891	395.869
Average of peak concentrations:						530.00
Decachlorobiphenyl(surr)	10.674	10.675	0.001	12954199	50.003	37.498

COMMENTS:

M - Compound response manually integrated.

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/vr417247.d Page 1
Report Date 03/21/2007 10:14



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814201SD;3583710
Lab ID : 814201MSD
Inj Date : 20-MAR-2007 02:27
Operator : 615
Cpnd Sublist: PCB8082+

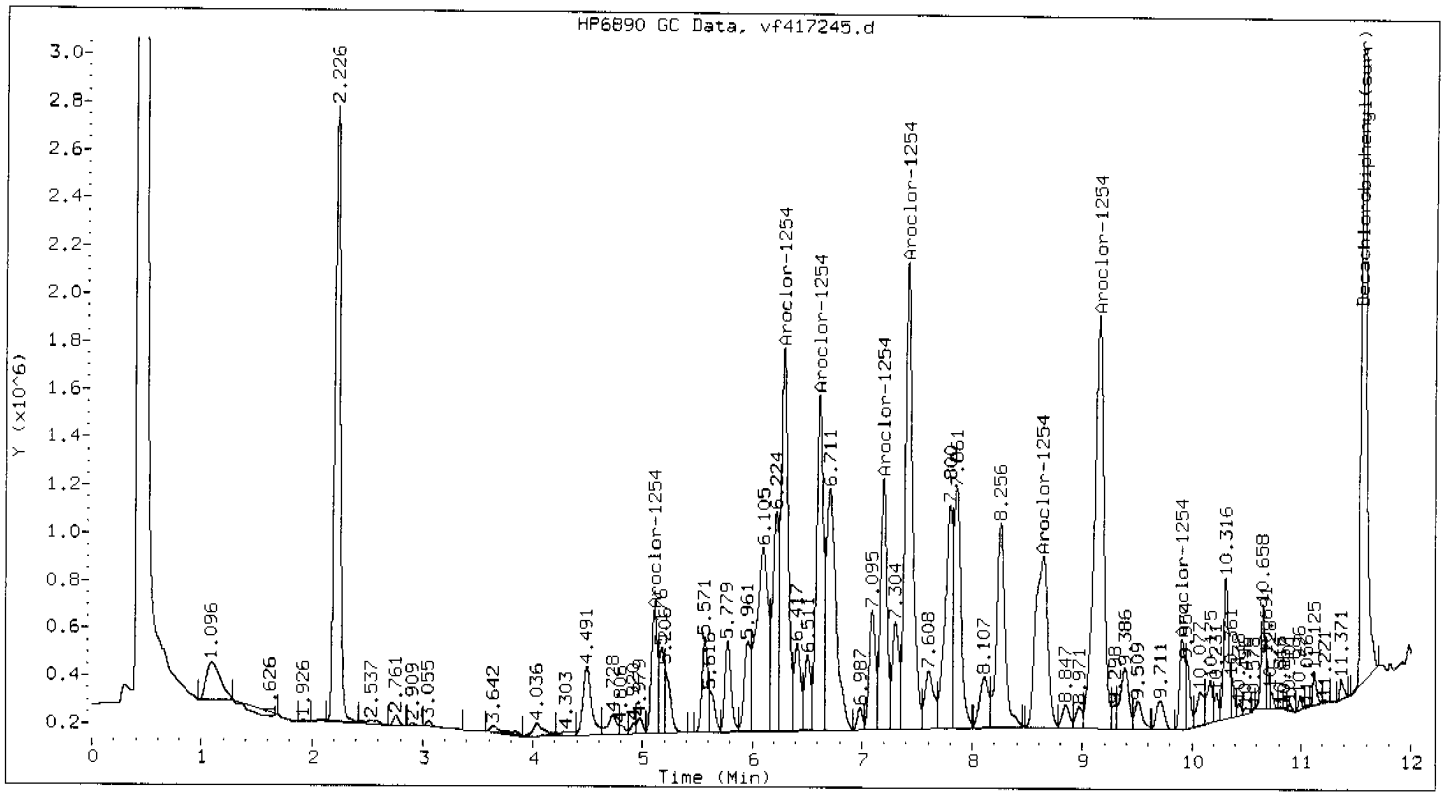
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.103	2.103	0.000	3513545	503.589	377.645
(2)		2.559	2.558	0.001	6313986	531.834	398.826
(3)		2.813	2.816	0.003	3815405	494.626	370.923
(4)		3.174	3.174	0.000	14302200	584.345	438.204
(5)		3.387	3.387	0.000	5551155	547.734	410.749
(6)		3.489	3.489	0.000	3531269	536.907	402.630
(7)		4.112	4.114	0.002	6833696	657.238	492.867
(8)		4.257	4.260	0.003	3366628	719.869	539.834
Average of peak concentrations:							430.00
Aroclor-1260		6.150	6.152	0.002	13419926	873.154	654.783
(2)		6.600	6.603	0.003	21637848	782.638	586.905
(3)		7.047	7.051	0.003	26246920	1056.451	792.239
(4)		7.248	7.252	0.003	7840950	607.048	455.229
(5)		7.694	7.698	0.004	8215965	662.191	496.581
(6)		9.014	9.020	0.006	9561918	698.467	523.785

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.238	9.243	0.005	6094741	621.440	466.022
(8)	10.230	10.233	0.003	4415589	549.658	412.192
Average of peak concentrations:						550.00
Decachlorobiphenyl(surr)	10.673	10.675	0.002	12686817	48.971	36.724

COMMENTS:

M - Compound response manually integrated.



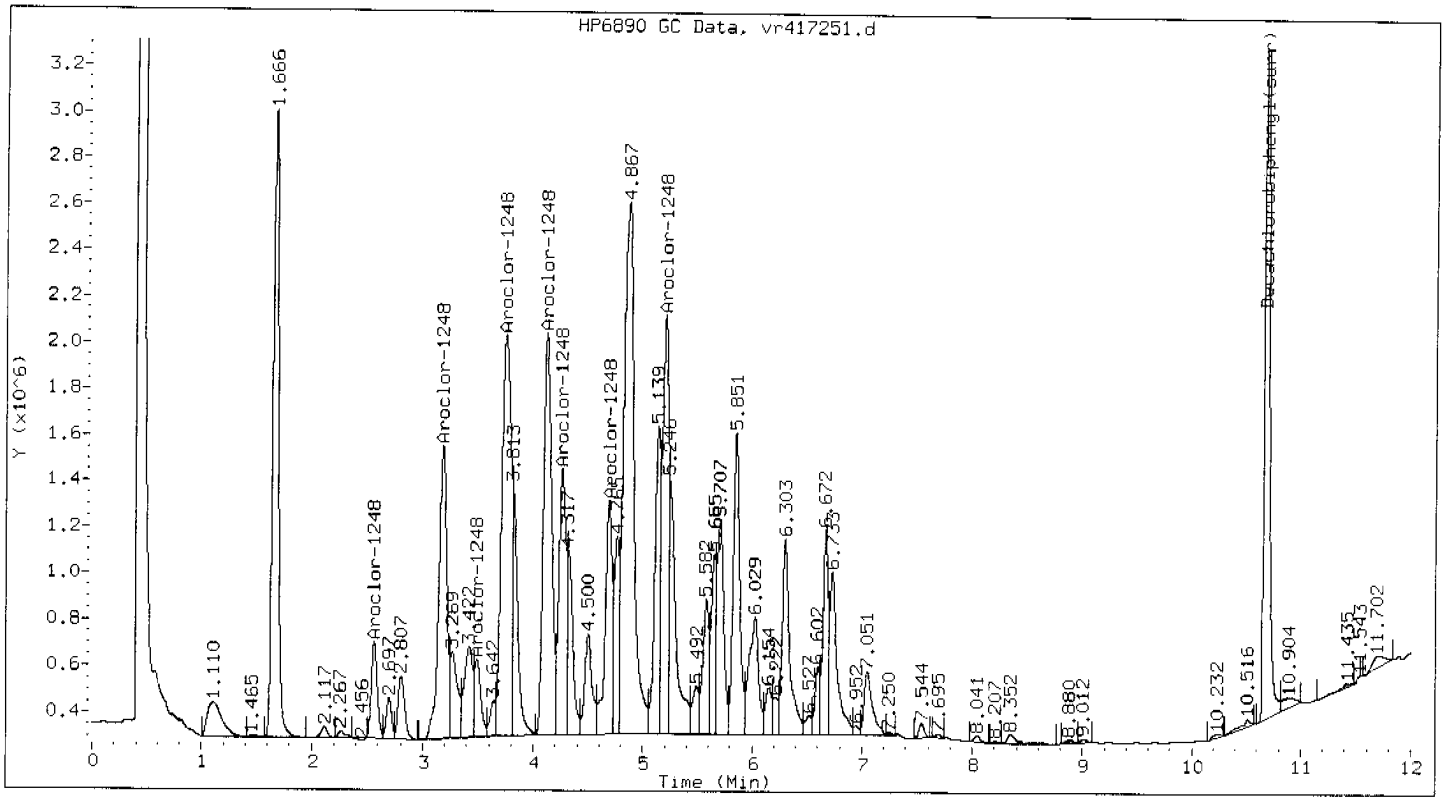
Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07e.b/06Vf8082.m
Sample Info : 814201;3580572
Lab ID : 814201
Inj Date : 20-MAR-2007 01:56
Operator : 615
Cpnd Sublist: PCB8082+

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)
Aroclor-1254	(M)	5.108	5.114	0.006	1978076	302.914	227.157
(2)		6.292	6.296	0.004	7546033	610.286	457.657
(3)		6.616	6.620	0.004	5995960	449.008	336.714
(4)		7.197	7.205	0.008	4279857	482.610	361.913
(5)		7.416	7.421	0.004	9476026	461.870	346.359
(6)		8.643	8.651	0.008	5498080	382.544	286.872
(7)		9.154	9.151	0.003	10598538	540.018	404.963
(8)		9.911	9.917	0.005	1259962	335.534	251.619
Average of peak concentrations:							330.00
Decachlorobiphenyl(surr)		11.562	11.567	0.005	10350624	51.079	38.304

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814203;3580576
Lab ID : 814203
Inj Date : 20-MAR-2007 03:29
Operator : 615
Cpnd Sublist: PCB8082+

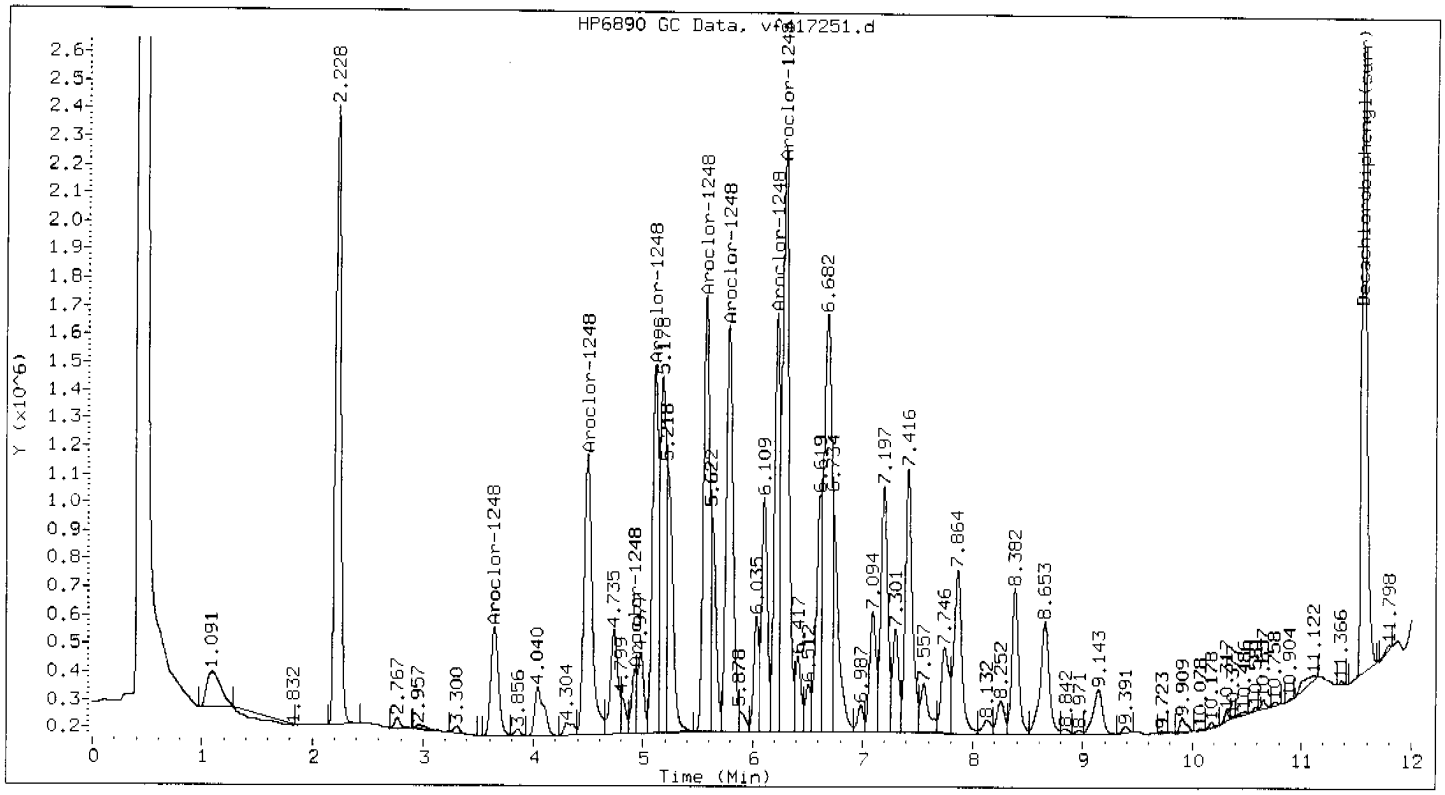
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	2.563	2.564	0.001	1502487	306.728	251.210
(2)		3.181	3.176	0.005	6365744	529.348	433.536
(3)		3.492	3.492	0.001	1358918	504.648	413.307
(4)		3.749	3.750	0.001	10351360	727.309	595.667
(5)		4.117	4.118	0.002	8884015	674.131	552.114
(6)		4.261	4.262	0.002	5259838	694.802	569.043
(7)		4.690	4.691	0.002	4354992	649.108	531.620
(8)		5.203	5.206	0.002	7379279	713.662	584.490
Average of peak concentrations:							490.00
Decachlorobiphenyl(surr)		10.675	10.675	0.000	11224678	43.327	35.485

COMMENTS:

M - Compound response manually integrated.

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07e.b/vf417251.d Page 1
Report Date 03/21/2007 10:15



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07e.b/06Vf8082.m
Sample Info : 814203;3580576
Lab ID : 814203
Inj Date : 20-MAR-2007 03:29
Operator : 615
Cpnd Sublist: PCB8082+

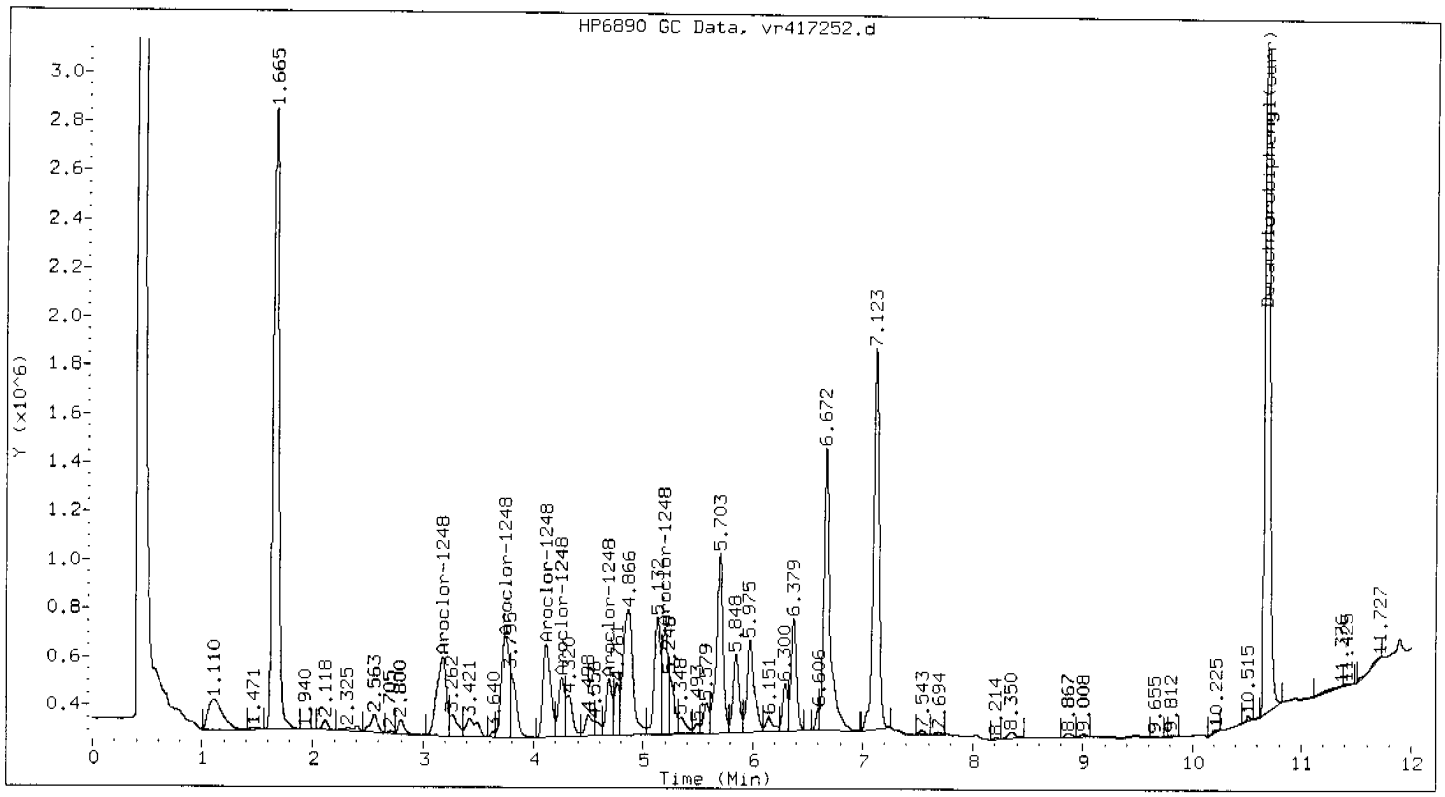
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	3.646	3.649	0.003	1880411	375.977	307.925
(2)		4.493	4.491	0.003	5282895	507.684	415.793
(3)		4.924	4.926	0.002	724687	457.112	374.375
(4)		5.109	5.112	0.002	4909465	652.763	534.613
(5)		5.574	5.577	0.002	6177890	643.726	527.212
(6)		5.783	5.786	0.002	6473295	632.969	518.402
(7)		6.225	6.228	0.003	5126940	534.337	437.622
(8)		6.296	6.298	0.002	8837343	643.470	527.002
Average of peak concentrations:							460.00
Decachlorobiphenyl(surr)		11.558	11.567	0.008	8138980	40.165	32.895

COMMENTS:

M - Compound response manually integrated.

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/vr417252.d Page 1
Report Date 03/21/2007 10:18



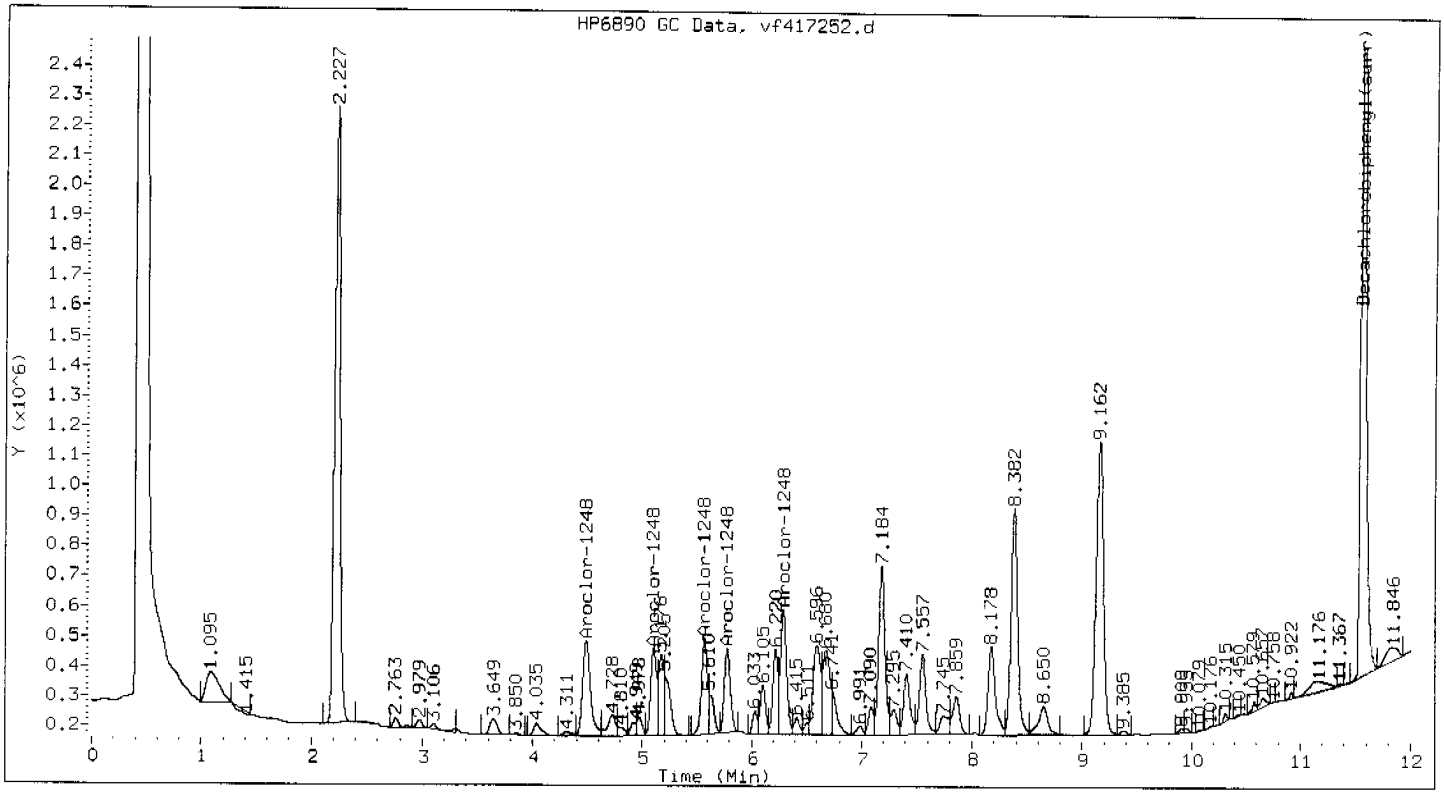
Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814204;3580578
Lab ID : 814204
Inj Date : 20-MAR-2007 03:44
Operator : 615
Cpnd Sublist: PCB8082+

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)
Aroclor-1248	(M)	------	2.564	------	------	------	------ (*)
(2)		3.175	3.176	0.001	1913777	159.141	126.453
(3)		------	3.492	------	------	------	------ (*)
(4)		3.745	3.750	0.004	2158405	151.654	120.504
(5)		4.114	4.118	0.004	1893740	143.700	114.183
(6)		4.256	4.262	0.006	965826	127.581	101.376
(7)		4.688	4.691	0.004	877673	130.816	103.946
(8)		5.200	5.206	0.005	1685349	162.993	129.514
Average of peak concentrations:							120.00
Decachlorobiphenyl(surr)		10.675	10.675	0.000	11798440	45.542	36.187

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07e.b/06Vf8082.m
Sample Info : 814204;3580578
Lab ID : 814204
Inj Date : 20-MAR-2007 03:44
Operator : 615
Cpnd Sublist: PCB8082+

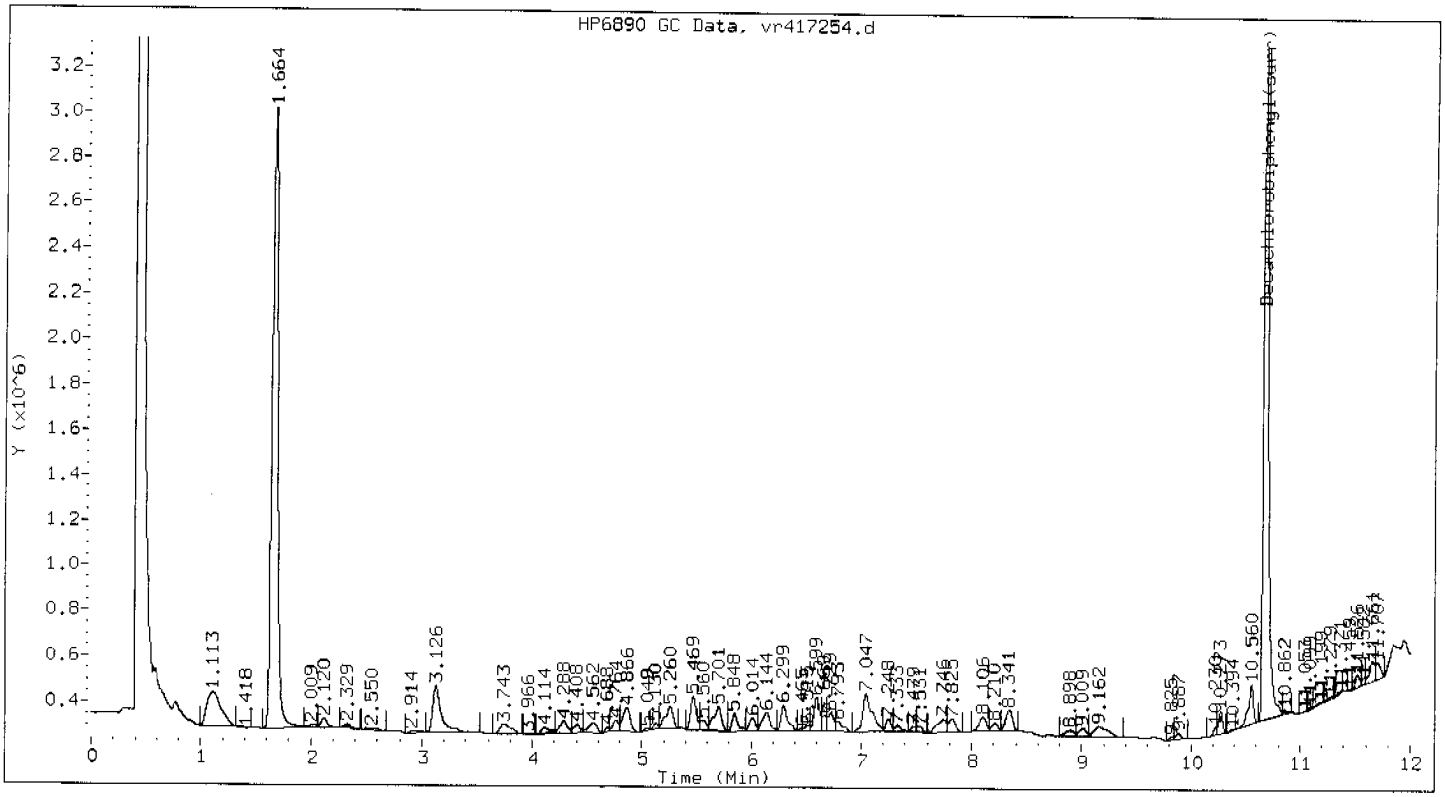
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	------	3.649	------	------	------	------ (*)
(2)		4.489	4.491	0.002	1586623	152.474	121.155
(3)		------	4.926	------	------	------	------ (*)
(4)		5.106	5.112	0.005	1064865	141.585	112.503
(5)		5.570	5.577	0.007	1191477	124.150	98.649
(6)		5.778	5.786	0.008	1098874	107.450	85.379
(7)		------	6.228	------	------	------	------ (*)
(8)		6.293	6.298	0.005	1615846	117.654	93.487
Average of peak concentrations:							100.00
Decachlorobiphenyl(surr)		11.559	11.567	0.008	8687523	42.872	34.066

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

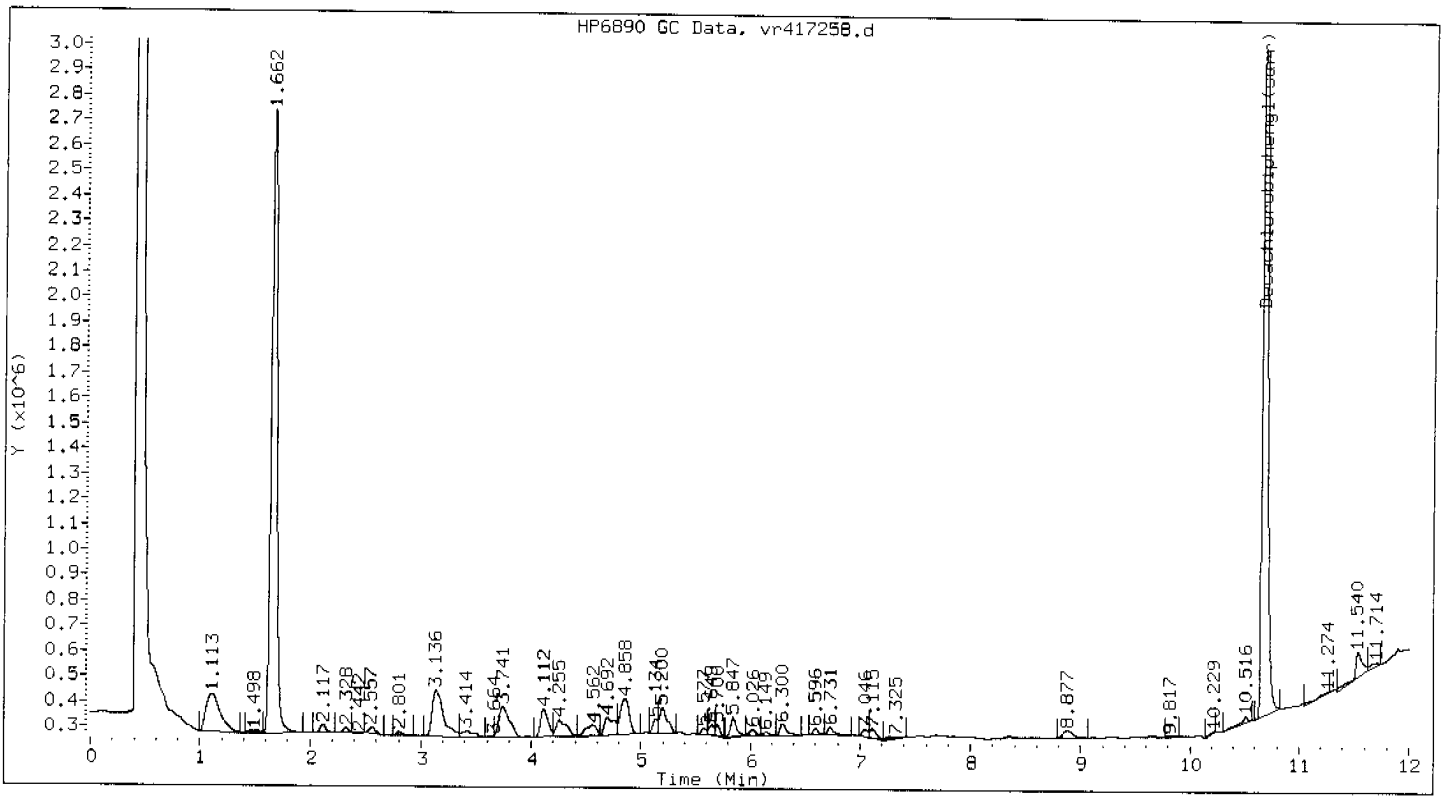
Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/vr417254.d Page 1
Report Date 03/21/2007 10:18



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814206;3580582
Lab ID : 814206
Inj Date : 20-MAR-2007 04:15
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)	10.674	10.675	0.001	10709189	41.337	36.166

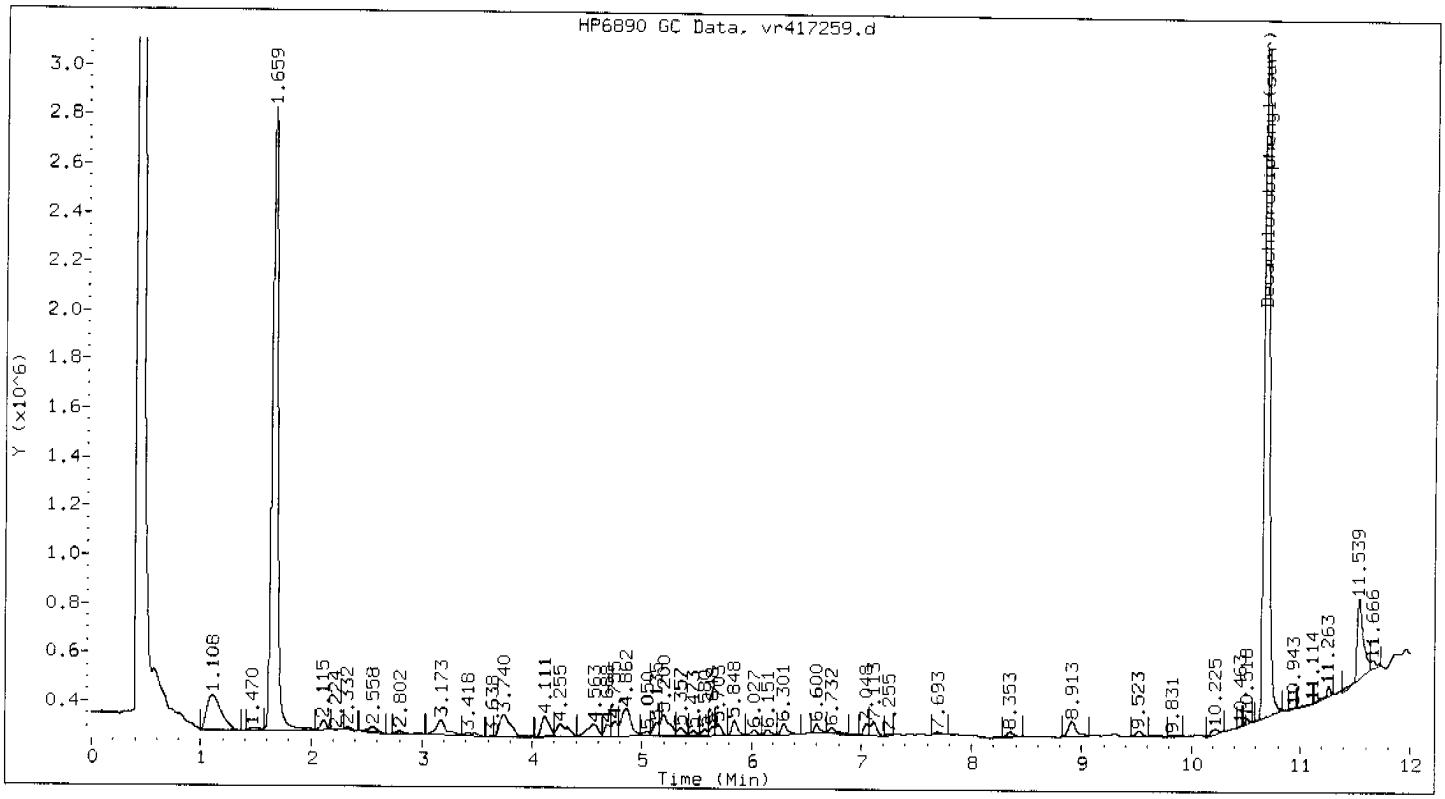


Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814210;3580590
Lab ID : 814210
Inj Date : 20-MAR-2007 05:17
Operator : 615
Cpnd Sublist: PCB8082+

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)	10.674	10.675	0.001	11377443	43.917	35.021

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/vr417259.d Page 1
Report Date 03/21/2007 10:18



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07e.b/06Vr8082.m
Sample Info : 814211;3580592
Lab ID : 814211
Inj Date : 20-MAR-2007 05:32
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)	10.675	10.675	0.000	11986235	46.267	39.044

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07f.b/vr417157.d
Method: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07f.b/06Vr8082.m

Sample Information: 8136 1660-1000F
Injection Date: 16-MAR-2007 04:29

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.104	1000	964.95	3.50
Aroclor-1016	2	2.559	1000	988.86	1.11
Aroclor-1016	3	2.817	1000	1011.32	1.13
Aroclor-1016	4	3.176	1000	1011.13	1.11
Aroclor-1016	5	3.388	1000	1008.14	0.81
Aroclor-1016	6	3.490	1000	1055.54	5.55
Aroclor-1016	7	4.116	1000	1015.21	1.52
Aroclor-1016	8	4.262	1000	1053.35	5.34
Aroclor-1260	1	6.154	1000	1024.77	2.48
Aroclor-1260	2	6.604	1000	1011.96	1.20
Aroclor-1260	3	7.052	1000	1058.07	5.81
Aroclor-1260	4	7.254	1000	957.52	4.25
Aroclor-1260	5	7.700	1000	1033.00	3.30
Aroclor-1260	6	9.022	1000	1049.76	4.98
Aroclor-1260	7	9.245	1000	1079.68	7.97
Aroclor-1260	8	10.234	1000	1057.79	5.78

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.654	100	103.14	3.14
Decachlorobiphenyl(sur	10.675	100	100.89	0.89

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07f.b/vr417157.d
Injection Date: 16-MAR-2007 04:29

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.103	(2.033 - 2.173)	2.104	
	2.559	(2.489 - 2.629)	2.559	
	2.816	(2.746 - 2.886)	2.817	
	3.175	(3.105 - 3.245)	3.176	
	3.387	(3.317 - 3.457)	3.388	
	3.490	(3.420 - 3.560)	3.490	
	4.116	(4.046 - 4.186)	4.116	
	4.261	(4.191 - 4.331)	4.262	
Aroclor-1260	6.156	(6.086 - 6.226)	6.154	
	6.608	(6.538 - 6.678)	6.604	
	7.055	(6.985 - 7.125)	7.052	
	7.256	(7.186 - 7.326)	7.254	
	7.705	(7.635 - 7.775)	7.700	
	9.029	(8.959 - 9.099)	9.022	
	9.251	(9.181 - 9.321)	9.245	
	10.238	(10.168 - 10.308)	10.234	
Tetrachloro-m-xylene(surr)	1.655	(1.605 - 1.705)	1.654	
Decachlorobiphenyl(surr)	10.678	(10.578 - 10.778)	10.675	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07f.b/vf417157.d
Method: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07f.b/06Vf8082.m

Sample Information: 8136 1660-1000F
Injection Date: 16-MAR-2007 04:29

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.952	1000	961.40	3.86
Aroclor-1016	2	3.649	1000	1009.05	0.90
Aroclor-1016	3	4.099	1000	1013.02	1.30
Aroclor-1016	4	4.491	1000	1027.09	2.71
Aroclor-1016	5	4.741	1000	963.10	3.69
Aroclor-1016	6	5.178	1000	950.67	4.93
Aroclor-1016	7	5.572	1000	938.74	6.13
Aroclor-1016	8	5.783	1000	1001.21	0.12
Aroclor-1260	1	7.800	1000	1001.78	0.18
Aroclor-1260	2	8.258	1000	1007.82	0.78
Aroclor-1260	3	9.143	1000	1048.97	4.90
Aroclor-1260	4	9.385	1000	1034.50	3.45
Aroclor-1260	5	9.509	1000	1049.63	4.96
Aroclor-1260	6	9.966	1000	1024.31	2.43
Aroclor-1260	7	10.661	1000	928.10	7.19
Aroclor-1260	8	11.126	1000	940.99	5.90

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.221	100	102.04	2.04
Decachlorobiphenyl(sur	11.559	100	100.57	0.57

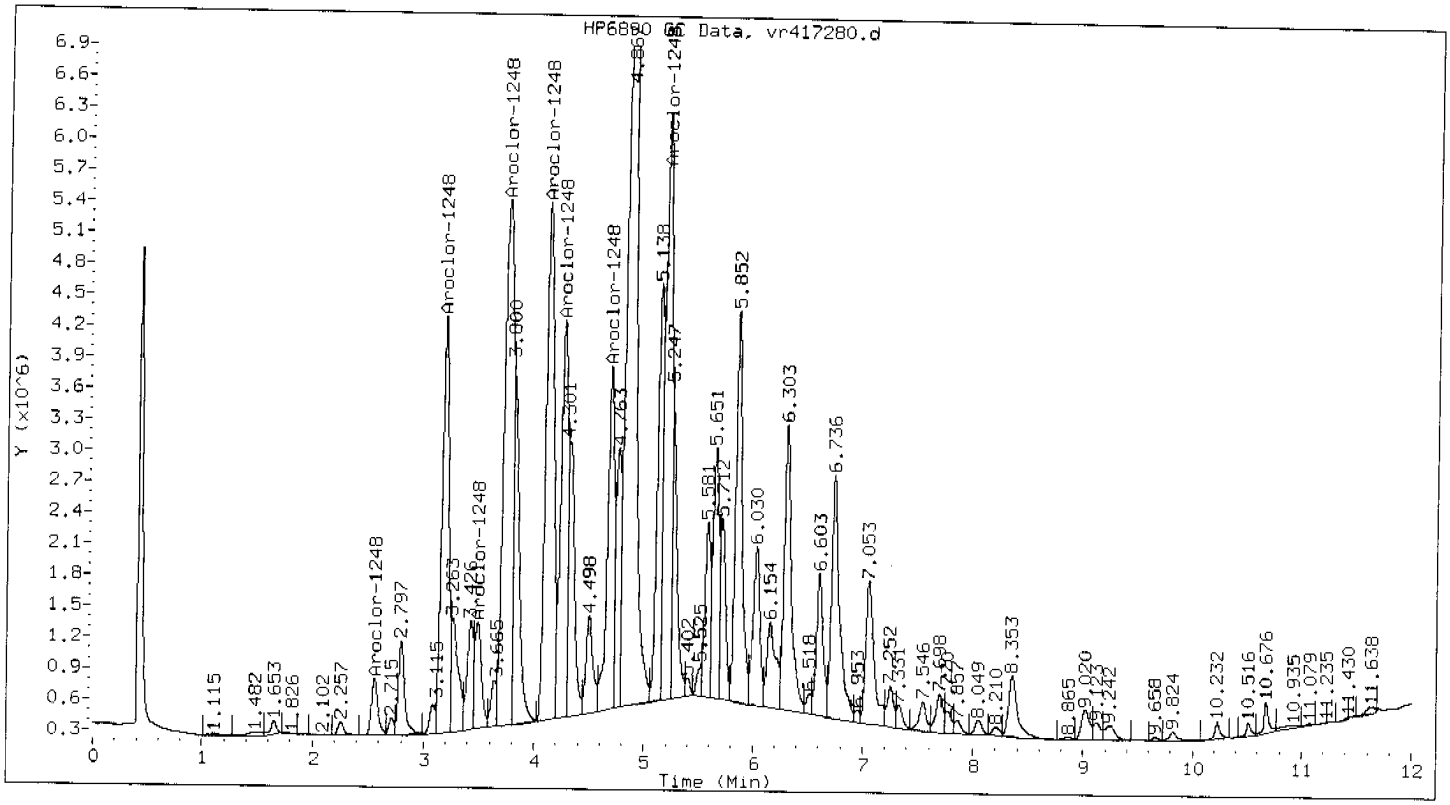
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07f.b/vf417157.d
Injection Date: 16-MAR-2007 04:29

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.955	(2.885 - 3.025)	2.952	
	3.653	(3.583 - 3.723)	3.649	
	4.103	(4.033 - 4.173)	4.099	
	4.496	(4.426 - 4.566)	4.491	
	4.748	(4.678 - 4.818)	4.741	
	5.184	(5.114 - 5.254)	5.178	
	5.578	(5.508 - 5.648)	5.572	
	5.789	(5.719 - 5.859)	5.783	
Aroclor-1260	7.809	(7.739 - 7.879)	7.800	
	8.267	(8.197 - 8.337)	8.258	
	9.155	(9.085 - 9.225)	9.143	
	9.396	(9.326 - 9.466)	9.385	
	9.518	(9.448 - 9.588)	9.509	
	9.973	(9.903 - 10.043)	9.966	
	10.665	(10.595 - 10.735)	10.661	
	11.130	(11.060 - 11.200)	11.126	
Tetrachloro-m-xylene(surr)	2.225	(2.175 - 2.275)	2.221	
Decachlorobiphenyl(surr)	11.563	(11.463 - 11.663)	11.559	



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07f.b/06Vr8082.m
Sample Info : 814202;3580574
Lab ID : 814202
Inj Date : 20-MAR-2007 10:57
Operator : 615
Cpnd Sublist: PCB8082+

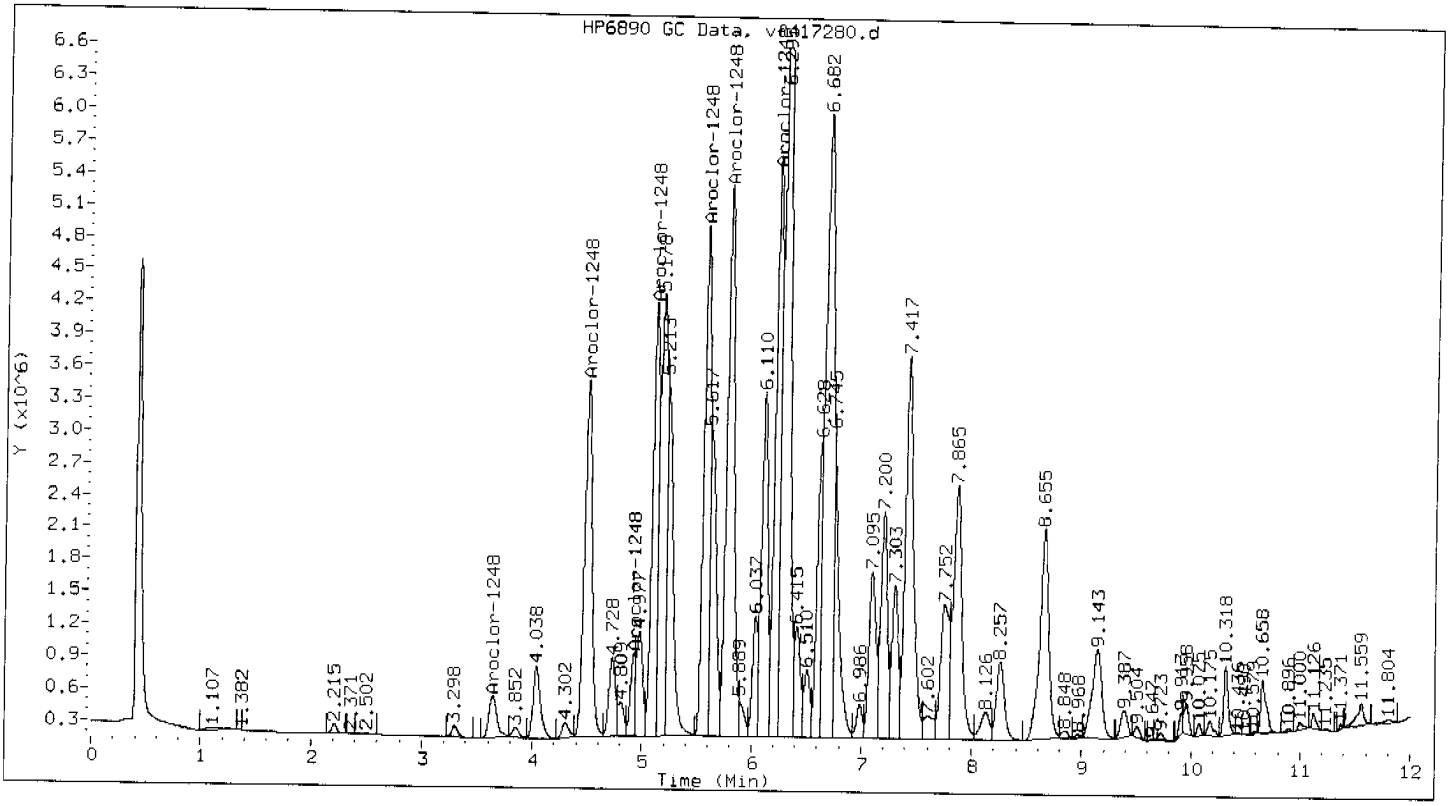
Inst ID : PESTGC9.i
Dil Factor : 25
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	(M)	2.558	2.564	0.006	2142672	437.419	9101.526
(2)		3.183	3.176	0.007	17497162	1454.988	30274.407
(3)		3.488	3.492	0.004	4324653	1606.002	33416.613
(4)		3.748	3.750	0.002	28179975	1979.987	41198.229
(5)		4.115	4.118	0.003	26093576	1980.017	41198.851
(6)		4.258	4.262	0.005	16426745	2169.903	45149.869
(7)		4.688	4.691	0.004	14041345	2092.851	43546.634
(8)		5.202	5.206	0.004	23414695	2264.473	47117.631

Average of peak concentrations: 36000.00

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07f.b/06Vf8082.m
Sample Info : 814202;3580574
Lab ID : 814202
Inj Date : 20-MAR-2007 10:57
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 25
Sample Matrix : SOIL
Sample Type: SAMPLE

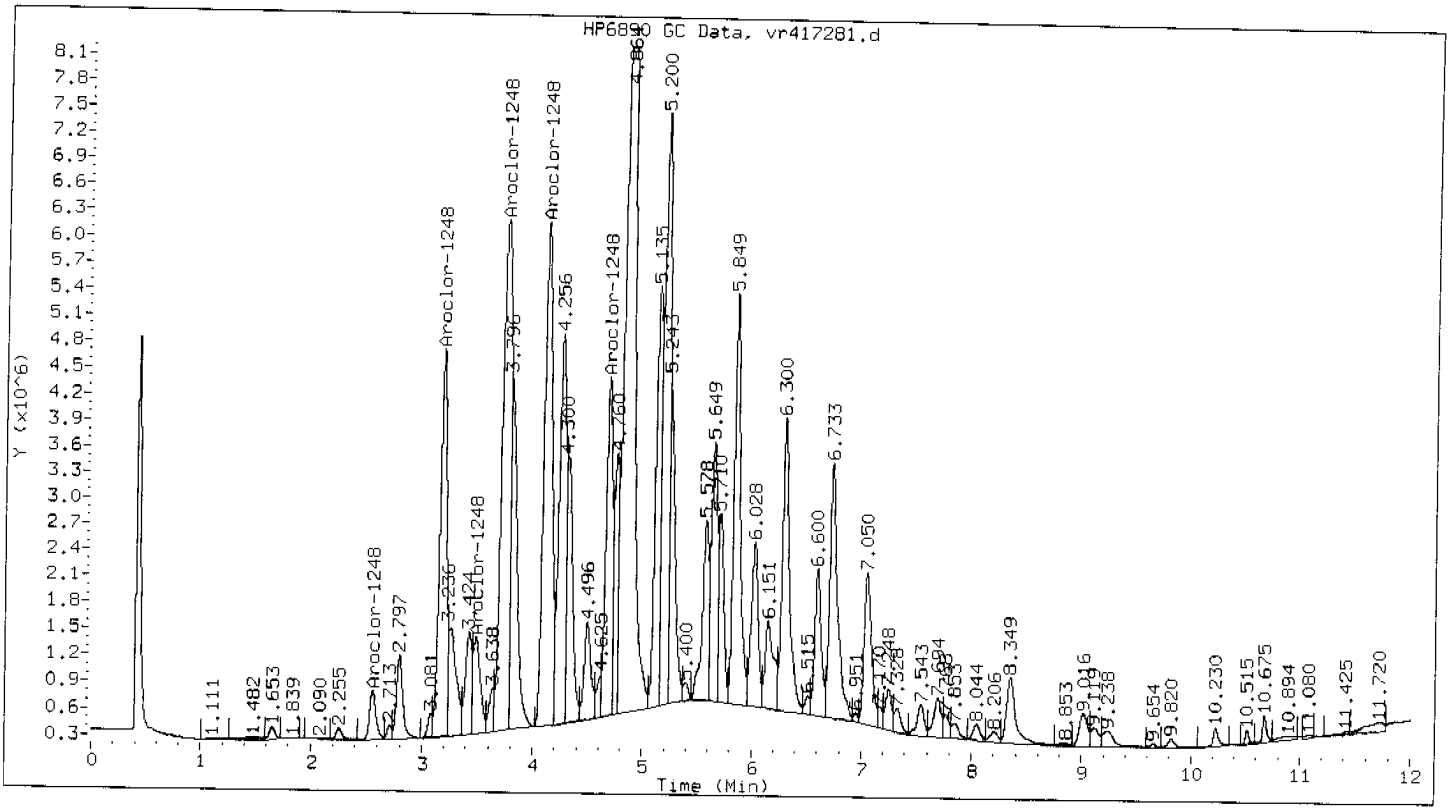
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	3.643	3.649	0.006	1986539	397.196	8264.588
(2)		4.496	4.491	0.005	16040296	1541.465	32073.761
(3)		4.925	4.926	0.001	2238070	1411.709	29373.889
(4)		5.107	5.112	0.004	14988474	1992.868	41466.246
(5)		5.572	5.577	0.004	18864556	1965.656	40900.033
(6)		5.782	5.786	0.003	24541220	2399.679	49930.890
(7)		6.225	6.228	0.003	18549611	1933.266	40226.086
(8)		------	6.298	------	------	------	------ (*)

Average of peak concentrations: 35000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07f.b/vr417281.d Page 1
Report Date 03/21/2007 10:22



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07f.b/06Vr8082.m
Sample Info : 814207;3580584
Lab ID : 814207
Inj Date : 20-MAR-2007 11:12
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 25
Sample Matrix : SOIL
Sample Type: SAMPLE

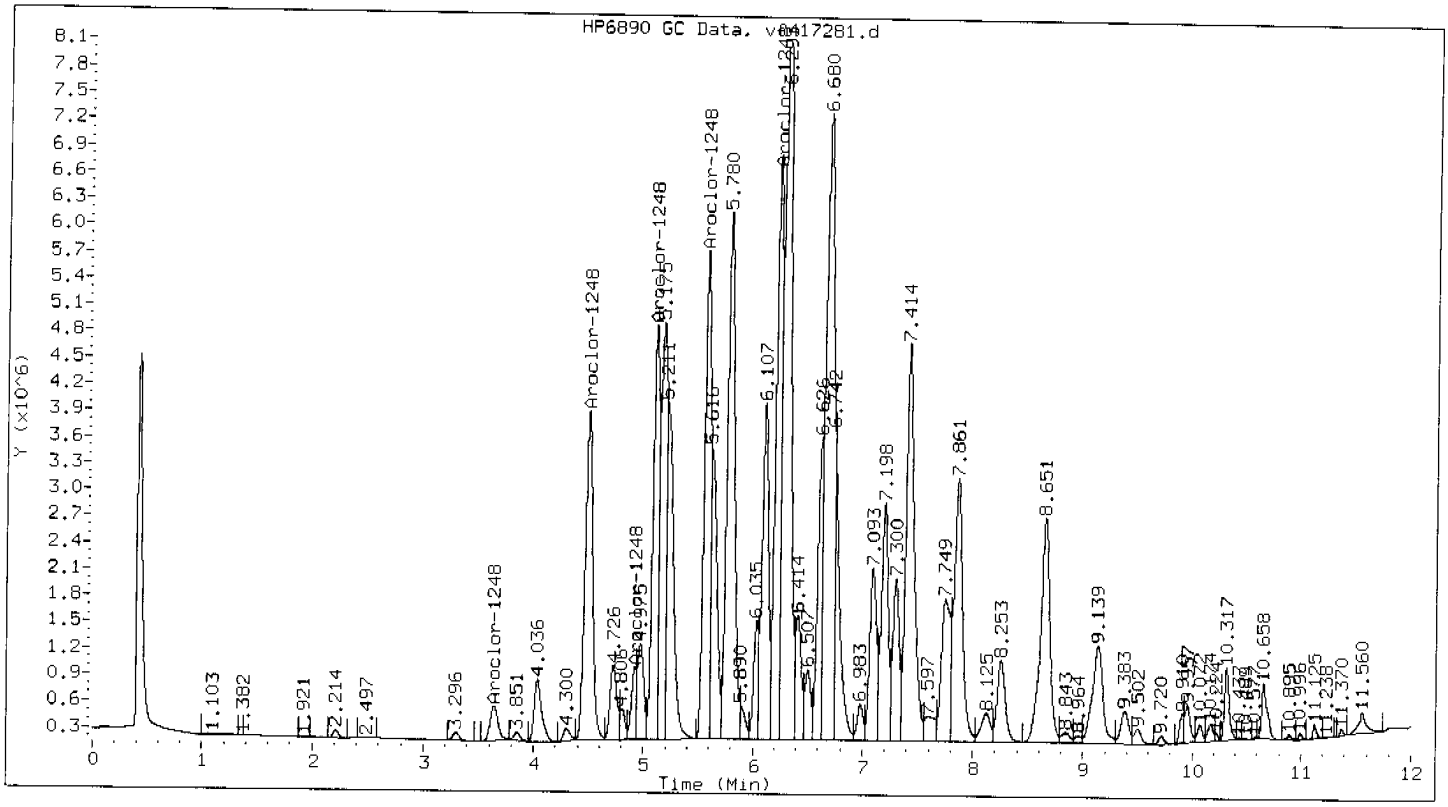
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	(M)	2.557	2.564	0.007	2255471	460.447	11010.208
(2)		3.180	3.176	0.004	19065764	1585.426	37910.716
(3)		3.487	3.492	0.005	5058203	1878.413	44916.630
(4)		3.745	3.750	0.004	32303595	2269.721	54273.588
(5)		4.113	4.118	0.005	30158864	2288.496	54722.537
(6)		------	4.262	------	------	------	------ (*)
(7)		4.685	4.691	0.006	15398494	2295.133	54881.234
(8)		------	5.206	------	------	------	------ (*)

Average of peak concentrations: 43000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07f.b/vf417281.d Page 1
Report Date 03/21/2007 10:26



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07f.b/06Vf8082.m
Sample Info : 814207;3580584
Lab ID : 814207
Inj Date : 20-MAR-2007 11:12
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 25
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	(M)	3.640	3.649	0.009	2050410	409.967	9803.126
(2)		4.494	4.491	0.003	18111537	1740.510	41619.087
(3)		4.923	4.926	0.003	2362719	1490.334	35636.874
(4)		5.105	5.112	0.006	17616405	2342.278	56008.549
(5)		5.570	5.577	0.006	22445580	2338.792	55925.213
(6)		------	5.786	------	------	------	------ (*)
(7)		6.222	6.228	0.006	23002280	2397.329	57324.939
(8)		------	6.298	------	------	------	------ (*)

Average of peak concentrations: 43000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07g.b/vr417169.d
Method: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07g.b/06Vr8082.m

Sample Information: 8136 1660-1000G
Injection Date: 16-MAR-2007 07:55

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.103	1000	1021.53	2.15
Aroclor-1016	2	2.559	1000	999.54	0.05
Aroclor-1016	3	2.816	1000	1034.16	3.42
Aroclor-1016	4	3.175	1000	1005.94	0.59
Aroclor-1016	5	3.387	1000	1007.75	0.77
Aroclor-1016	6	3.489	1000	1075.40	7.54
Aroclor-1016	7	4.115	1000	1019.49	1.95
Aroclor-1016	8	4.262	1000	1067.53	6.75
Aroclor-1260	1	6.154	1000	1029.63	2.96
Aroclor-1260	2	6.605	1000	1009.28	0.93
Aroclor-1260	3	7.053	1000	1053.62	5.36
Aroclor-1260	4	7.254	1000	989.91	1.01
Aroclor-1260	5	7.700	1000	1031.97	3.20
Aroclor-1260	6	9.024	1000	1034.78	3.48
Aroclor-1260	7	9.246	1000	1083.55	8.35
Aroclor-1260	8	10.235	1000	1084.94	8.49

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.655	100	103.84	3.84
Decachlorobiphenyl(sur	10.676	100	102.47	2.47

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07g.b/vr417169.d
Injection Date: 16-MAR-2007 07:55

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.103	(2.033 - 2.173)	2.103	
	2.559	(2.489 - 2.629)	2.559	
	2.816	(2.746 - 2.886)	2.816	
	3.175	(3.105 - 3.245)	3.175	
	3.387	(3.317 - 3.457)	3.387	
	3.490	(3.420 - 3.560)	3.489	
	4.116	(4.046 - 4.186)	4.115	
	4.261	(4.191 - 4.331)	4.262	
Aroclor-1260	6.156	(6.086 - 6.226)	6.154	
	6.608	(6.538 - 6.678)	6.605	
	7.055	(6.985 - 7.125)	7.053	
	7.256	(7.186 - 7.326)	7.254	
	7.705	(7.635 - 7.775)	7.700	
	9.029	(8.959 - 9.099)	9.024	
	9.251	(9.181 - 9.321)	9.246	
	10.238	(10.168 - 10.308)	10.235	
Tetrachloro-m-xylene(surr)	1.655	(1.605 - 1.705)	1.655	
Decachlorobiphenyl(surr)	10.678	(10.578 - 10.778)	10.676	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07g.b/vf417169.d
Method: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07g.b/06Vf8082.m

Sample Information: 8136 1660-1000G
Injection Date: 16-MAR-2007 07:55

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.951	1000	957.92	4.21
Aroclor-1016	2	3.648	1000	1003.21	0.32
Aroclor-1016	3	4.099	1000	993.12	0.69
Aroclor-1016	4	4.491	1000	1028.94	2.89
Aroclor-1016	5	4.741	1000	992.85	0.72
Aroclor-1016	6	5.179	1000	941.19	5.88
Aroclor-1016	7	5.572	1000	999.41	0.06
Aroclor-1016	8	5.784	1000	1001.70	0.17
Aroclor-1260	1	7.802	1000	1005.30	0.53
Aroclor-1260	2	8.259	1000	1010.88	1.09
Aroclor-1260	3	9.144	1000	1043.87	4.39
Aroclor-1260	4	9.387	1000	1032.70	3.27
Aroclor-1260	5	9.510	1000	1046.20	4.62
Aroclor-1260	6	9.967	1000	1022.35	2.24
Aroclor-1260	7	10.661	1000	964.86	3.51
Aroclor-1260	8	11.124	1000	975.86	2.41

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.223	100	104.67	4.67
Decachlorobiphenyl(sur	11.551	100	103.70	3.70

GC ORGANICS RETENTION TIME CHECK

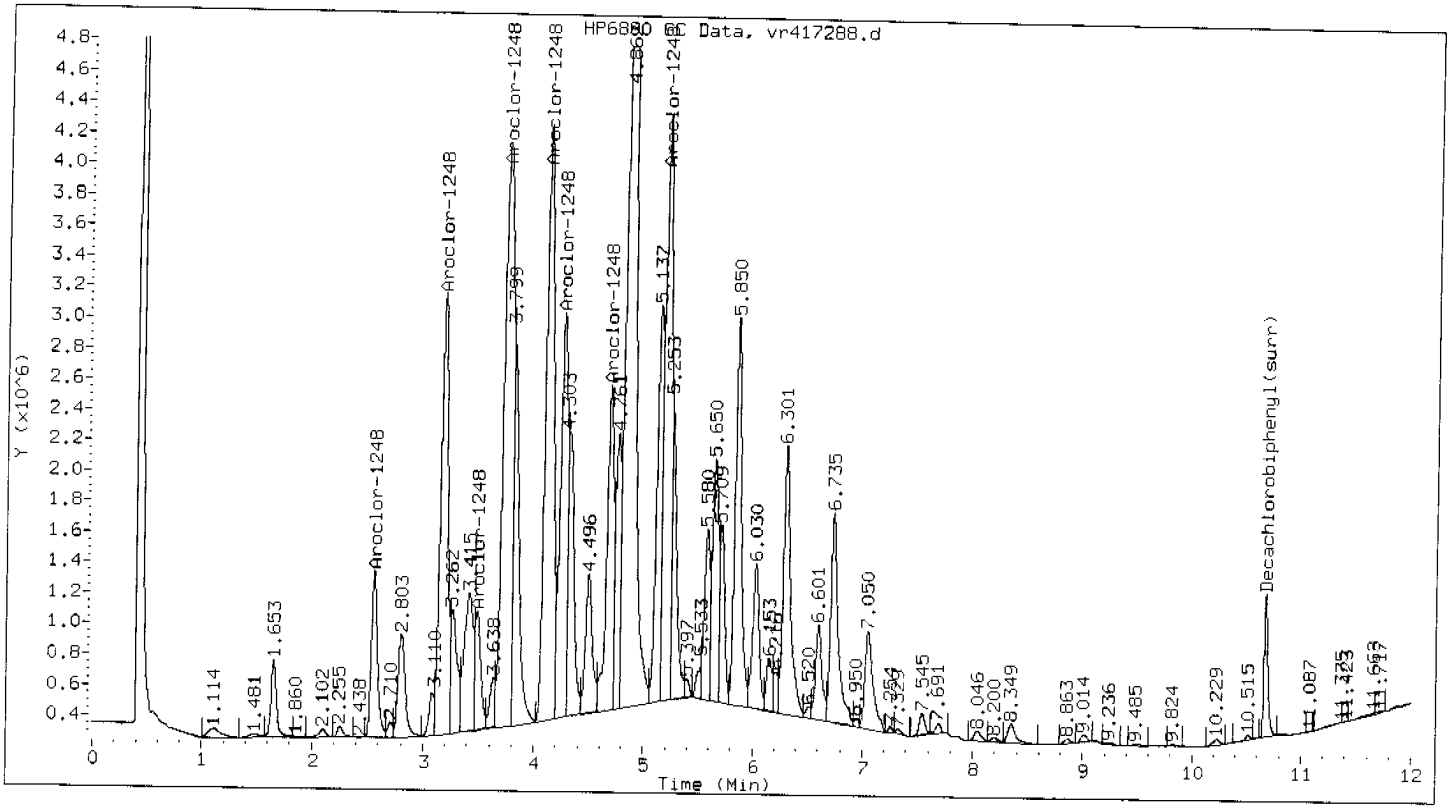
Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07g.b/vf417169.d
Injection Date: 16-MAR-2007 07:55

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.955	(2.885 - 3.025)	2.951	
	3.653	(3.583 - 3.723)	3.648	
	4.103	(4.033 - 4.173)	4.099	
	4.496	(4.426 - 4.566)	4.491	
	4.748	(4.678 - 4.818)	4.741	
	5.184	(5.114 - 5.254)	5.179	
	5.578	(5.508 - 5.648)	5.572	
	5.789	(5.719 - 5.859)	5.784	
Aroclor-1260	7.809	(7.739 - 7.879)	7.802	
	8.267	(8.197 - 8.337)	8.259	
	9.155	(9.085 - 9.225)	9.144	
	9.396	(9.326 - 9.466)	9.387	
	9.518	(9.448 - 9.588)	9.510	
	9.973	(9.903 - 10.043)	9.967	
	10.665	(10.595 - 10.735)	10.661	
	11.130	(11.060 - 11.200)	11.124	
Tetrachloro-m-xylene(surr)	2.225	(2.175 - 2.275)	2.223	
Decachlorobiphenyl(surr)	11.563	(11.463 - 11.663)	11.551	

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07g.b/vr417288.d Page 1
Report Date 03/21/2007 10:23



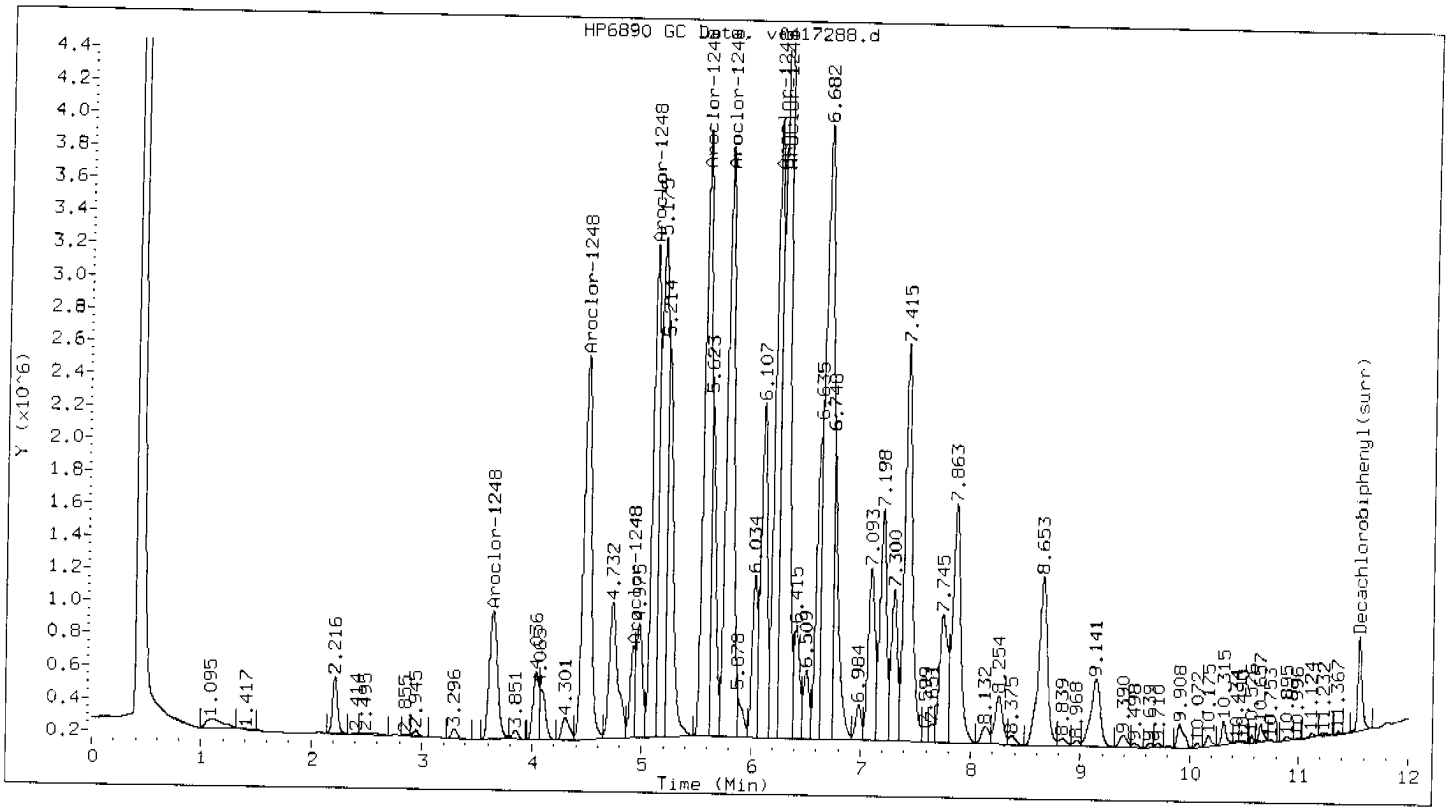
Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07g.b/06Vr8082.m
Sample Info : 814209;3580588
Lab ID : 814209
Inj Date : 20-MAR-2007 13:32
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1248	(M)	2.557	2.564	0.007	4212079	859.882	3741.871
(2)		3.175	3.176	0.000	13327336	1108.243	4822.643
(3)		3.486	3.492	0.006	3011676	1118.416	4866.908
(4)		3.745	3.750	0.004	21428853	1505.638	6551.950
(5)		4.113	4.118	0.005	20269127	1538.050	6692.992
(6)		4.256	4.262	0.006	11862685	1567.010	6819.016
(7)		4.686	4.691	0.005	8933337	1331.507	5794.198
(8)		5.200	5.206	0.005	16815262	1626.231	7076.725
Average of peak concentrations:							5800.00
Decachlorobiphenyl(surr)		10.675	10.674	0.001	2281921	8.808	38.330

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07g.b/06Vf8082.m
Sample Info : 814209;3580588
Lab ID : 814209
Inj Date : 20-MAR-2007 13:32
Operator : 615
Cpnd Sublist: PCB8082+ CBJ 04/19/07

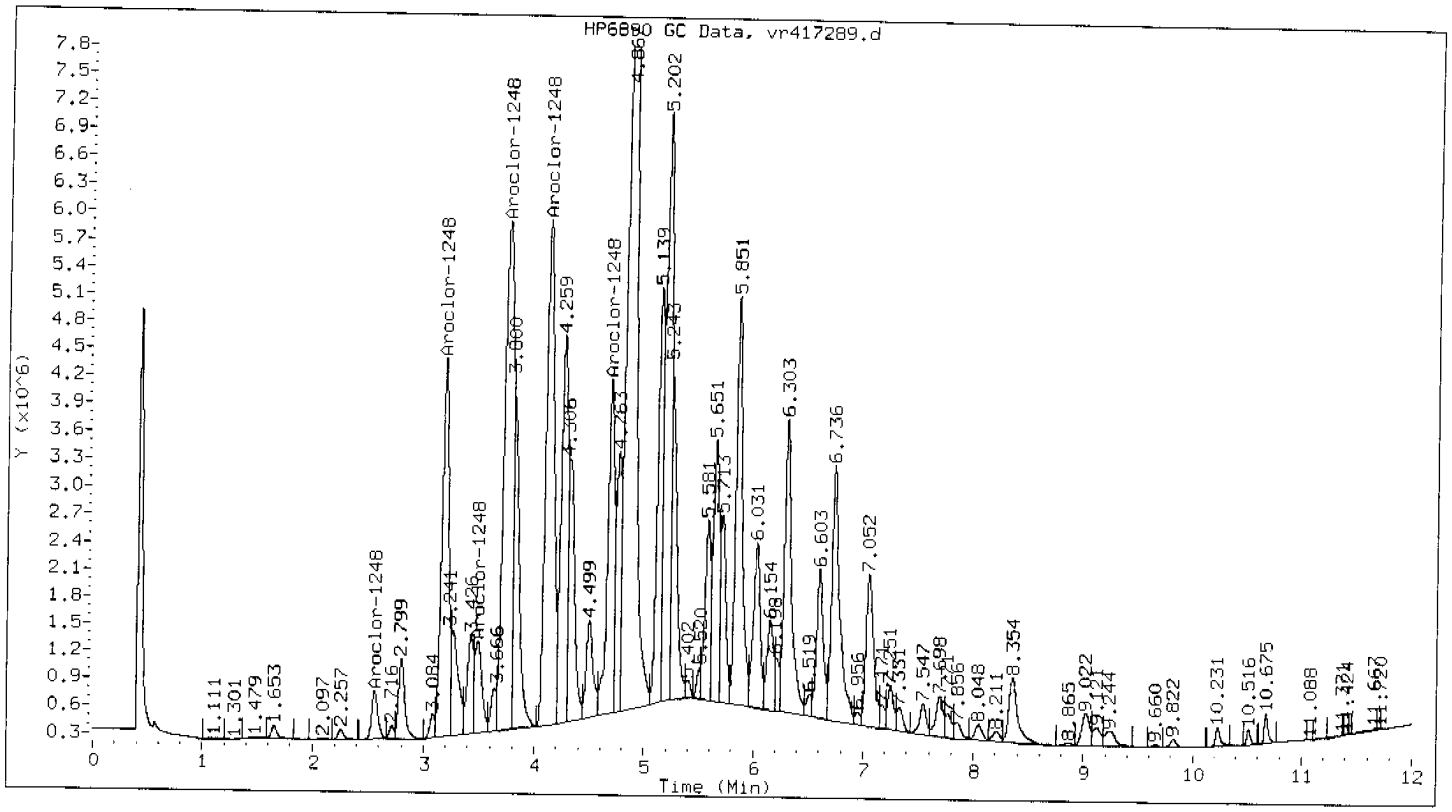
Inst ID : PESTGC9.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1248	(M)	3.643	3.649	0.006	4022042	804.182	3499.488
(2)		4.490	4.491	0.001	11810275	1134.962	4938.912
(3)		4.922	4.926	0.004	1678481	1058.737	4607.209
(4)		5.106	5.112	0.005	11227347	1492.788	6496.032
(5)		5.571	5.577	0.005	15768998	1643.104	7150.146
(6)		5.781	5.786	0.004	17093569	1671.436	7273.436
(7)		6.223	6.228	0.005	13103530	1365.668	5942.853
(8)		6.293	6.298	0.005	23442785	1706.929	7427.890
Average of peak concentrations:							5900.00
Decachlorobiphenyl(surr)	(M)	11.556	11.555	0.002	1460753	7.209	31.369

COMMENTS:

M - Compound response manually integrated.

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07g.b/vr417289.d Page 1
Report Date 03/21/2007 10:23



Method : /chem1/PESTGC9.i/8082/rear/Mar07/03-19-07/19mar07g.b/06Vr8082.m
Sample Info : 814208;3580586
Lab ID : 814208
Inj Date : 20-MAR-2007 13:48
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 25
Sample Matrix : SOIL
Sample Type: SAMPLE

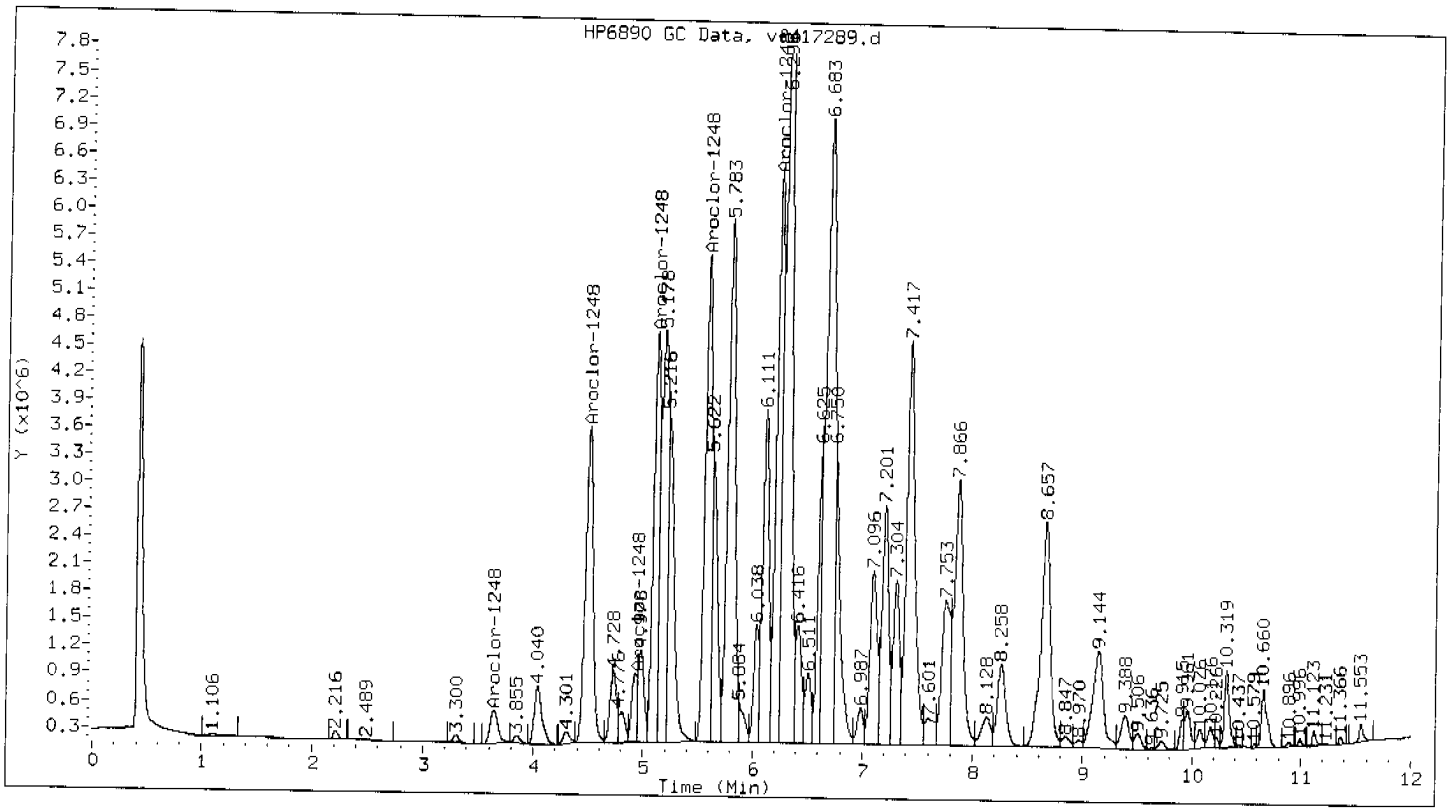
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1248	(M)	2.559	2.564	0.005	2029888	414.395	9308.061
(2)		3.183	3.176	0.007	17712848	1472.924	33084.535
(3)		3.490	3.492	0.003	4344739	1613.462	36241.275
(4)		3.749	3.750	0.001	30609756	2150.709	48308.819
(5)		4.116	4.118	0.003	28799561	2185.351	49086.943
(6)		------	4.262	------	------	------	------ (*)
(7)		4.688	4.691	0.003	15312840	2282.367	51266.095
(8)		------	5.206	------	------	------	------ (*)

Average of peak concentrations: 38000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07g.b/vf417289.d Page 1
Report Date 03/21/2007 10:24



Method : /chem1/PESTGC9.i/8082/front/Mar07/03-19-07/19mar07g.b/06Vf8082.m
Sample Info : 814208;3580586
Lab ID : 814208
Inj Date : 20-MAR-2007 13:48
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 25
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1248	(M)	3.644	3.649	0.005	1876868	375.268	8429.202
(2)		4.497	4.491	0.007	16810553	1615.486	36286.754
(3)		4.949	4.926	0.023	2556868	1612.798	36226.365
(4)		5.109	5.112	0.003	16757700	2228.104	50047.262
(5)		5.573	5.577	0.003	22211095	2314.359	51984.714
(6)		------	5.786	------	------	------	------ (*)
(7)		6.226	6.228	0.003	21710742	2262.723	50824.869
(8)		------	6.298	------	------	------	------ (*)

Average of peak concentrations: 39000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07h.b/vr417191.d
Method: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07h.b/06Vr8082.m

Sample Information: 8136 1660-1000H
Injection Date: 16-MAR-2007 15:00

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.105	1000	998.98	0.10
Aroclor-1016	2	2.560	1000	1000.39	0.04
Aroclor-1016	3	2.816	1000	1112.80	11.28
Aroclor-1016	4	3.175	1000	1012.34	1.23
Aroclor-1016	5	3.387	1000	1007.03	0.70
Aroclor-1016	6	3.490	1000	1087.65	8.77
Aroclor-1016	7	4.115	1000	1010.44	1.04
Aroclor-1016	8	4.261	1000	1036.24	3.62
Aroclor-1260	1	6.151	1000	977.99	2.20
Aroclor-1260	2	6.602	1000	958.29	4.17
Aroclor-1260	3	7.050	1000	979.32	2.07
Aroclor-1260	4	7.250	1000	912.61	8.74
Aroclor-1260	5	7.697	1000	957.32	4.27
Aroclor-1260	6	9.017	1000	1037.98	3.80
Aroclor-1260	7	9.241	1000	1017.24	1.72
Aroclor-1260	8	10.231	1000	904.78	9.52

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.658	100	104.23	4.23
Decachlorobiphenyl(sur	10.675	100	82.96	17.04<-

3/19/7

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-09-07aical/09mar07a.b/vr416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Mar07/03-15-07/15mar07h.b/vr417191.d
Injection Date: 16-MAR-2007 15:00

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.103	(2.033 - 2.173)	2.105	
	2.559	(2.489 - 2.629)	2.560	
	2.816	(2.746 - 2.886)	2.816	
	3.175	(3.105 - 3.245)	3.175	
	3.387	(3.317 - 3.457)	3.387	
	3.490	(3.420 - 3.560)	3.490	
	4.116	(4.046 - 4.186)	4.115	
	4.261	(4.191 - 4.331)	4.261	
Aroclor-1260	6.156	(6.086 - 6.226)	6.151	
	6.608	(6.538 - 6.678)	6.602	
	7.055	(6.985 - 7.125)	7.050	
	7.256	(7.186 - 7.326)	7.250	
	7.705	(7.635 - 7.775)	7.697	
	9.029	(8.959 - 9.099)	9.017	
	9.251	(9.181 - 9.321)	9.241	
	10.238	(10.168 - 10.308)	10.231	
Tetrachloro-m-xylene(surr)	1.655	(1.605 - 1.705)	1.658	
Decachlorobiphenyl(surr)	10.678	(10.578 - 10.778)	10.675	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07h.b/vf417191.d
Method: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07h.b/06Vf8082.m

Sample Information: 8136 1660-1000H
Injection Date: 16-MAR-2007 15:00

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.950	1000	954.33	4.57
Aroclor-1016	2	3.646	1000	990.39	0.96
Aroclor-1016	3	4.095	1000	1008.55	0.86
Aroclor-1016	4	4.488	1000	1003.49	0.35
Aroclor-1016	5	4.738	1000	964.22	3.58
Aroclor-1016	6	5.175	1000	910.78	8.92
Aroclor-1016	7	5.569	1000	902.28	9.77
Aroclor-1016	8	5.779	1000	926.92	7.31
Aroclor-1260	1	7.796	1000	941.41	5.86
Aroclor-1260	2	8.253	1000	950.87	4.91
Aroclor-1260	3	9.136	1000	977.36	2.26
Aroclor-1260	4	9.380	1000	960.42	3.96
Aroclor-1260	5	9.505	1000	952.41	4.76
Aroclor-1260	6	9.962	1000	886.96	11.30
Aroclor-1260	7	10.660	1000	813.64	18.64<-
Aroclor-1260	8	11.121	1000	724.11	27.59<-

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.223	100	100.72	0.72
Decachlorobiphenyl(sur	11.546	100	82.95	17.05<-

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-09-07aical/09mar07a.b/vf416795.d
Injection Date: 09-MAR-2007 18:50

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Mar07/03-15-07/15mar07h.b/vf417191.d
Injection Date: 16-MAR-2007 15:00

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.955	(2.885 - 3.025)	2.950	
	3.653	(3.583 - 3.723)	3.646	
	4.103	(4.033 - 4.173)	4.095	
	4.496	(4.426 - 4.566)	4.488	
	4.748	(4.678 - 4.818)	4.738	
	5.184	(5.114 - 5.254)	5.175	
	5.578	(5.508 - 5.648)	5.569	
	5.789	(5.719 - 5.859)	5.779	
Aroclor-1260	7.809	(7.739 - 7.879)	7.796	
	8.267	(8.197 - 8.337)	8.253	
	9.155	(9.085 - 9.225)	9.136	
	9.396	(9.326 - 9.466)	9.380	
	9.518	(9.448 - 9.588)	9.505	
	9.973	(9.903 - 10.043)	9.962	
	10.665	(10.595 - 10.735)	10.660	
	11.130	(11.060 - 11.200)	11.121	
Tetrachloro-m-xylene(surr)	2.225	(2.175 - 2.275)	2.223	
Decachlorobiphenyl(surr)	11.563	(11.463 - 11.663)	11.546	

Metals Forms and Data

Analytical Results Summary

Client ID: **5601-FSSPB-1012**
Site: **Li Tungsten**

Lab Sample No: 814212
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 25.4

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	39.1	0.86		P
Lead	63.7	0.72		P

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

Client ID: **5601-FSSPB-1013**
Site: **Li Tungsten**

Lab Sample No: 814213
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 13.1

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	4.6	0.74		P
Lead	13.8	0.62		P

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

Client ID: **5601-FSSPB-1014**
Site: **Li Tungsten**

Lab Sample No: 814214
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 17.7

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	2.2	0.78		P
Lead	8.5	0.66		P

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

Client ID: **5601-FSSPB-1015**
Site: **Li Tungsten**

Lab Sample No: 814215
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 12.2

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	0.95	0.73	B	P
Lead	6.8	0.62		P

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

Client ID: **5601-FSSPB-1026**
Site: **Li Tungsten**

Lab Sample No: 814216
Lab Job No: E027

Date Sampled: 03/15/07
Date Received: 03/16/07

Matrix: SOLID
Level: LOW
% Moisture: 22.1

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Arsenic	1.9	0.82		P
Lead	7.6	0.69		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: STL_EDISON

Lab Code: 12028_ Lab Job No.: _E027 Batch No.: 22331_

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	72.1	B	6.260	U	P
Antimony	5.8	U	5.8	U	5.8	U	5.8	U	0.580	U	P
Arsenic	3.2	U	3.2	U	3.2	U	3.2	U	0.320	U	P
Barium	3.1	B	1.7	U	1.7	U	1.7	U	0.170	U	P
Beryllium	0.3	U	0.3	U	0.3	U	0.3	U	-0.053	B	P
Cadmium	0.9	B	0.4	U	0.4	U	0.4	B	0.040	U	P
Calcium	42.5	U	42.5	U	42.5	U	58.6	B	4.250	U	P
Chromium	1.7	B	1.6	U	1.6	U	1.6	U	0.160	U	P
Cobalt	1.7	U	1.7	U	1.7	U	1.7	U	0.170	U	P
Copper	4.0	B	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	3.920	U	P
Lead	2.7	U	2.7	U	2.7	U	2.7	U	0.270	U	P
Magnesium	51.2	B	41.6	U	41.6	U	65.6	B	4.160	U	P
Manganese	1.7	B	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	315.4	U	315.4	U	315.4	U	315.4	U	31.540	U	P
Selenium	4.5	B	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	4.7	U	4.7	U	4.7	U	4.7	U	0.470	U	P
Vanadium	4.7	U	4.7	U	4.7	U	4.7	U	0.470	U	P
Zinc	5.8	U	5.8	U	5.8	U	5.8	U	0.580	U	P
Molybdenu											NR

BLANKS

Lab Name: STL_EDISON_____ _____

Lab Code: 12028_ Lab Job No.: _E027 _____ Batch No.: 22331_

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			80.4	B							P
Antimony			5.8	U							P
Arsenic			3.2	U							P
Barium			1.7	U							P
Beryllium			0.3	U							P
Cadmium			0.5	B							P
Calcium			56.1	B							P
Chromium			1.6	U							P
Cobalt			1.7	U							P
Copper			3.7	U							P
Iron			43.6	B							P
Lead			2.7	U							P
Magnesium			69.9	B							P
Manganese			1.2	U							P
Mercury			0.1	U	0.1	U	0.1	U			CV
Nickel			2.4	U							P
Potassium			315.4	U							P
Selenium			4.2	U							P
Silver			1.4	U							P
Sodium			395.5	U							P
Thallium			4.7	U							P
Vanadium			4.7	U							P
Zinc			5.8	U							P
Molybdenu											NR

BLANKS

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: _E027 Batch No.: 22331

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	62.6	U	62.6	U	62.6	U	102.4	B			P
Antimony	5.8	U	5.8	U	5.8	U	5.8	U			P
Arsenic	3.3	B	3.2	U	3.2	U	3.2	U			P
Barium	3.6	B	1.7	U	1.7	U	1.7	U			P
Beryllium	0.3	U	0.3	U	0.3	U	-0.4	B			P
Cadmium	0.9	B	0.4	U	0.4	U	0.4	U			P
Calcium	42.5	U	42.5	U	42.5	U	42.5	U			P
Chromium	2.1	B	1.6	U	1.6	U	1.6	U			P
Cobalt	1.7	U	1.7	U	1.7	U	1.7	U			P
Copper	4.7	B	3.7	U	3.7	U	3.7	U			P
Iron	39.2	U	39.2	U	39.2	U	39.2	U			P
Lead	4.4	B	3.0	B	2.7	U	2.8	B			P
Magnesium	54.6	B	41.6	U	41.6	U	68.6	B			P
Manganese	1.7	B	1.2	U	1.2	U	1.2	U			P
Mercury											NR
Nickel	2.4	U	2.4	U	2.4	U	2.4	U			P
Potassium	318.8	B	315.4	U	315.4	U	315.4	U			P
Selenium	4.2	U	4.2	U	4.2	U	4.2	U			P
Silver	1.4	U	1.4	U	1.4	U	1.4	U			P
Sodium	395.5	U	395.5	U	395.5	U	395.5	U			P
Thallium	4.7	U	4.7	U	4.7	U	4.7	U			P
Vanadium	4.7	U	4.7	U	4.7	U	4.7	U			P
Zinc	5.8	U	5.8	U	5.8	U	5.8	U			P
Molybdenu											NR

BLANKS

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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			78.3	B	138.3	B					P
Antimony			5.8	U	5.8	U					P
Arsenic			3.2	U	3.2	U					P
Barium			1.8	B	1.7	U					P
Beryllium			-0.5	B	-0.7	B					P
Cadmium			0.4	U	0.4	U					P
Calcium			42.5	U	44.5	B					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	65.6	B					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	4.7	U					P
Vanadium			4.7	U	4.7	U					P
Zinc			5.8	U	5.8	U					P
Molybdenu											NR

Calibration Summary

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL_EDISON_____ _____

Lab Code: 12028_ Lab Job No.: E027 _____ Batch No.: 22331_

Initial Calibration Source: INORG VENT__

Continuing Calibration Source: INORG VENT__

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum_	125000.0	127055.2	101.6	125000.0	127463.3	102.0	126683.2	101.3	P_
Antimony_	__1000.0	_1014.88	101.5	__1000.0	_1008.84	100.9	_1008.03	100.8	P_
Arsenic__	__5000.0	_5026.16	100.5	__5000.0	_5027.92	100.6	_5024.46	100.5	P_
Barium___	_10000.0	10080.26	100.8	_10000.0	10050.40	100.5	_9984.75	_99.8	P_
Beryllium	__1000.0	_1019.15	101.9	__1000.0	_1008.79	100.9	_1005.86	100.6	P_
Cadmium__	__2500.0	_2549.86	102.0	__2500.0	_2523.92	101.0	_2523.09	100.9	P_
Calcium__	125000.0	129400.3	103.5	125000.0	128676.4	102.9	128736.7	103.0	P_
Chromium_	__5000.0	_5037.90	100.8	__5000.0	_5026.12	100.5	_5026.85	100.5	P_
Cobalt___	__2500.0	_2535.95	101.4	__2500.0	_2532.54	101.3	_2544.31	101.8	P_
Copper___	_12500.0	12594.52	100.8	_12500.0	12624.06	101.0	12532.22	100.3	P_
Iron_____	100000.0	101866.5	101.9	100000.0	101228.9	101.2	101291.3	101.3	P_
Lead_____	_10000.0	10182.41	101.8	_10000.0	10171.51	101.7	10195.84	102.0	P_
Magnesium	125000.0	126755.0	101.4	125000.0	126341.6	101.1	126068.7	100.9	P_
Manganese	__5000.0	_5108.31	102.2	__5000.0	_5072.86	101.5	_5057.51	101.2	P_
Mercury__	_____5.0	____5.01	100.2	_____5.0	____5.03	100.6	____4.94	_98.8	CV
Nickel___	__2500.0	_2542.20	101.7	__2500.0	_2543.33	101.7	_2543.04	101.7	P_
Potassium	_50000.0	46875.93	_93.8	_50000.0	47213.27	_94.4	46651.22	_93.3	P_
Selenium_	__5000.0	_5088.05	101.8	__5000.0	_5073.58	101.5	_5073.51	101.5	P_
Silver___	__1250.0	_1272.83	101.8	__1250.0	_1266.14	101.3	_1256.36	100.5	P_
Sodium___	125000.0	120217.1	_96.2	125000.0	120577.1	_96.5	119466.3	_95.6	P_
Thallium_	__5000.0	_5106.15	102.1	__5000.0	_5107.27	102.1	_5099.58	102.0	P_
Vanadium_	__2500.0	_2581.84	103.3	__2500.0	_2564.34	102.6	_2553.85	102.2	P_
Zinc_____	__7500.0	_7620.44	101.6	__7500.0	_7594.03	101.3	_7639.09	101.9	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: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				125000.0	129422.3	103.5	121853.0	97.5	P
Antimony				1000.0	1037.33	103.7	976.96	97.7	P
Arsenic				5000.0	5172.37	103.4	4874.58	97.5	P
Barium				10000.0	10247.20	102.5	9666.52	96.7	P
Beryllium				1000.0	1039.78	104.0	968.55	96.9	P
Cadmium				2500.0	2605.36	104.2	2439.84	97.6	P
Calcium				125000.0	133921.8	107.1	125165.7	100.1	P
Chromium				5000.0	5185.75	103.7	4848.89	97.0	P
Cobalt				2500.0	2622.90	104.9	2466.36	98.7	P
Copper				12500.0	12829.63	102.6	12084.90	96.7	P
Iron				100000.0	104682.1	104.7	97881.79	97.9	P
Lead				10000.0	10532.97	105.3	9888.89	98.9	P
Magnesium				125000.0	129701.3	103.8	121114.4	96.9	P
Manganese				5000.0	5210.00	104.2	4863.01	97.3	P
Mercury				5.0	5.06	101.2	5.07	101.4	CV
Nickel				2500.0	2617.94	104.7	2466.41	98.7	P
Potassium				50000.0	47438.77	94.9	44453.48	88.9	P
Selenium				5000.0	5221.60	104.4	4908.45	98.2	P
Silver				1250.0	1292.60	103.4	1212.04	97.0	P
Sodium				125000.0	121616.7	97.3	114312.8	91.5	P
Thallium				5000.0	5225.33	104.5	4941.31	98.8	P
Vanadium				2500.0	2630.22	105.2	2459.01	98.4	P
Zinc				7500.0	7907.23	105.4	7361.11	98.1	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: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum	125000.0	125001.8	100.0	125000.0	126748.2	101.4	127641.2	102.1	P
Antimony	1000.0	992.28	99.2	1000.0	1003.19	100.3	989.86	99.0	P
Arsenic	5000.0	4871.72	97.4	5000.0	4920.19	98.4	4901.52	98.0	P
Barium	10000.0	9883.94	98.8	10000.0	9954.90	99.5	9955.03	99.6	P
Beryllium	1000.0	996.32	99.6	1000.0	997.18	99.7	981.65	98.2	P
Cadmium	2500.0	2458.29	98.3	2500.0	2440.33	97.6	2412.67	96.5	P
Calcium	125000.0	125876.4	100.7	125000.0	126060.2	100.8	124280.8	99.4	P
Chromium	5000.0	4895.30	97.9	5000.0	4929.68	98.6	4888.74	97.8	P
Cobalt	2500.0	2456.77	98.3	2500.0	2495.36	99.8	2497.99	99.9	P
Copper	12500.0	12313.76	98.5	12500.0	12444.84	99.6	12497.66	100.0	P
Iron	100000.0	98972.02	99.0	100000.0	99362.72	99.4	98325.86	98.3	P
Lead	10000.0	9938.17	99.4	10000.0	9998.77	100.0	9933.65	99.3	P
Magnesium	125000.0	123371.7	98.7	125000.0	124601.7	99.7	123409.6	98.7	P
Manganese	5000.0	4965.67	99.3	5000.0	4955.03	99.1	4877.99	97.6	P
Mercury				5.0	5.06	101.2	5.08	101.6	CV
Nickel	2500.0	2447.12	97.9	2500.0	2457.32	98.3	2449.64	98.0	P
Potassium	50000.0	48285.37	96.6	50000.0	48440.11	96.9	48806.73	97.6	P
Selenium	5000.0	4971.56	99.4	5000.0	5011.37	100.2	4979.07	99.6	P
Silver	1250.0	1247.00	99.8	1250.0	1257.07	100.6	1250.71	100.1	P
Sodium	125000.0	118861.0	95.1	125000.0	120038.6	96.0	120970.7	96.8	P
Thallium	5000.0	4933.24	98.7	5000.0	4981.76	99.6	5006.22	100.1	P
Vanadium	2500.0	2517.61	100.7	2500.0	2516.64	100.7	2485.59	99.4	P
Zinc	7500.0	7314.07	97.5	7500.0	7320.80	97.6	7175.72	95.7	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: STL_EDISON

Lab Code: 12028_ Lab Job No.: E027 Batch No.: 22331_

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				125000.0	125155.5	100.1	125684.8	100.5	P
Antimony				1000.0	967.19	96.7	954.32	95.4	P
Arsenic				5000.0	4845.31	96.9	4818.17	96.4	P
Barium				10000.0	9748.95	97.5	9764.81	97.6	P
Beryllium				1000.0	961.33	96.1	948.61	94.9	P
Cadmium				2500.0	2387.52	95.5	2362.87	94.5	P
Calcium				125000.0	123678.2	98.9	120862.7	96.7	P
Chromium				5000.0	4811.91	96.2	4772.46	95.4	P
Cobalt				2500.0	2473.94	99.0	2461.51	98.5	P
Copper				12500.0	12210.33	97.7	12175.45	97.4	P
Iron				100000.0	96832.81	96.8	95744.75	95.7	P
Lead				10000.0	9787.87	97.9	9692.65	96.9	P
Magnesium				125000.0	120936.6	96.7	119852.5	95.9	P
Manganese				5000.0	4766.03	95.3	4707.48	94.1	P
Mercury									NR
Nickel				2500.0	2435.29	97.4	2422.40	96.9	P
Potassium				50000.0	47583.27	95.2	47632.53	95.3	P
Selenium				5000.0	4899.24	98.0	4877.66	97.6	P
Silver				1250.0	1226.99	98.2	1220.50	97.6	P
Sodium				125000.0	118416.1	94.7	118452.2	94.8	P
Thallium				5000.0	4981.74	99.6	4972.16	99.4	P
Vanadium				2500.0	2426.44	97.1	2398.08	95.9	P
Zinc				7500.0	7079.79	94.4	6939.82	92.5	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: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				125000.0	124901.4	99.9			P
Antimony				1000.0	943.06	94.3			P
Arsenic				5000.0	4799.54	96.0			P
Barium				10000.0	9725.88	97.3			P
Beryllium				1000.0	938.03	93.8			P
Cadmium				2500.0	2354.37	94.2			P
Calcium				125000.0	121209.8	97.0			P
Chromium				5000.0	4744.28	94.9			P
Cobalt				2500.0	2457.09	98.3			P
Copper				12500.0	12074.77	96.6			P
Iron				100000.0	95156.08	95.2			P
Lead				10000.0	9639.74	96.4			P
Magnesium				125000.0	118564.7	94.9			P
Manganese				5000.0	4668.86	93.4			P
Mercury									NR
Nickel				2500.0	2425.03	97.0			P
Potassium				50000.0	47704.89	95.4			P
Selenium				5000.0	4869.69	97.4			P
Silver				1250.0	1210.88	96.9			P
Sodium				125000.0	117882.3	94.3			P
Thallium				5000.0	4984.81	99.7			P
Vanadium				2500.0	2373.57	94.9			P
Zinc				7500.0	6890.10	91.9			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: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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	%R	Final Found Sol. A	Final Found Sol. AB	%R
Aluminum	500000	500000	473320	482773.3	96.6	467870	475077.2	95.0
Antimony		100		100.1	100.1		102.6	102.6
Arsenic		100		100.2	100.2		97.8	97.8
Barium		100		107.4	107.4		104.6	104.6
Beryllium		100		101.0	101.0		98.3	98.3
Cadmium		100		98.5	98.5		96.0	96.0
Calcium	500000	500000	490206	496657.2	99.3	481533	488350.2	97.7
Chromium		100		102.4	102.4		101.5	101.5
Cobalt		100		99.7	99.7		99.2	99.2
Copper		100		108.0	108.0		104.5	104.5
Iron	200000	200000	203755	207067.0	103.5	200584	204176.8	102.1
Lead		100		89.4	89.4		86.9	86.9
Magnesium	500000	500000	539602	550166.0	110.0	533286	539512.4	107.9
Manganese		100		101.8	101.8		99.6	99.6
Mercury								
Nickel		100		103.6	103.6		102.4	102.4
Potassium		10000		9059.7	90.6		8923.4	89.2
Selenium		100		92.2	92.2		92.7	92.7
Silver		100		106.5	106.5		103.0	103.0
Sodium		10000		10365.5	103.7		10194.0	101.9
Thallium		100		91.7	91.7		95.3	95.3
Vanadium		100		101.2	101.2		99.4	99.4
Zinc		100		95.8	95.8		94.5	94.5

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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	%R	Final Found Sol. A	Final Found Sol. AB	%R
Aluminum	500000	500000				473037	478709.5	95.7
Antimony		100					96.1	96.1
Arsenic		100					96.9	96.9
Barium		100					105.3	105.3
Beryllium		100					98.4	98.4
Cadmium		100					96.2	96.2
Calcium	500000	500000				488481	492118.8	98.4
Chromium		100					101.9	101.9
Cobalt		100					100.0	100.0
Copper		100					104.6	104.6
Iron	200000	200000				203456	205187.6	102.6
Lead		100					90.2	90.2
Magnesium	500000	500000				538245	542352.4	108.5
Manganese		100					100.0	100.0
Mercury								
Nickel		100					103.0	103.0
Potassium		10000					8912.3	89.1
Selenium		100					91.9	91.9
Silver		100					103.4	103.4
Sodium		10000					10130.6	101.3
Thallium		100					91.5	91.5
Vanadium		100					100.0	100.0
Zinc		100					94.0	94.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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	%R	Final Found Sol. A	Final Found Sol. AB	%R
Aluminum	500000	500000	451662	463171.0	92.6	452194	461331.5	92.3
Antimony		100		98.9	98.9		98.1	98.1
Arsenic		100		98.0	98.0		92.7	92.7
Barium		100		108.2	108.2		105.9	105.9
Beryllium		100		102.4	102.4		97.9	97.9
Cadmium		100		92.0	92.0		88.9	88.9
Calcium	500000	500000	494764	499100.0	99.8	469517	483310.6	96.7
Chromium		100		102.9	102.9		100.4	100.4
Cobalt		100		99.7	99.7		99.2	99.2
Copper		100		107.7	107.7		104.4	104.4
Iron	200000	200000	204580	207211.3	103.6	196063	201295.4	100.6
Lead		100		95.4	95.4		88.1	88.1
Magnesium	500000	500000	548768	555787.2	111.2	525997	540349.1	108.1
Manganese		100		101.4	101.4		97.1	97.1
Mercury								
Nickel		100		101.0	101.0		100.5	100.5
Potassium		10000		9989.5	99.9		9812.2	98.1
Selenium		100		95.6	95.6		93.9	93.9
Silver		100		106.8	106.8		104.9	104.9
Sodium		10000		10357.7	103.6		10253.1	102.5
Thallium		100		91.6	91.6		93.8	93.8
Vanadium		100		101.1	101.1		99.1	99.1
Zinc		100		90.3	90.3		87.6	87.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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				446219	452375.4	90.5
Antimony		100					93.3	93.3
Arsenic		100					92.9	92.9
Barium		100					103.9	103.9
Beryllium		100					93.8	93.8
Cadmium		100					85.3	85.3
Calcium	500000	500000				456195	467124.4	93.4
Chromium		100					97.5	97.5
Cobalt		100					97.3	97.3
Copper		100					99.6	99.6
Iron	200000	200000				191384	195036.7	97.5
Lead		100					86.4	86.4
Magnesium	500000	500000				512309	521152.6	104.2
Manganese		100					93.5	93.5
Mercury								
Nickel		100					98.4	98.4
Potassium		10000					9594.7	95.9
Selenium		100					89.2	89.2
Silver		100					101.3	101.3
Sodium		10000					10037.0	100.4
Thallium		100					90.4	90.4
Vanadium		100					97.7	97.7
Zinc		100					81.6	81.6

Spike Sample Recovery Summary

LAB SAMPLE NO.

SPIKE SAMPLE RECOVERY

BSS032807

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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	205.9241		6.2600	U	200.00	103.0		P
Antimony	75-125	47.5933		0.5800	U	50.00	95.2		P
Arsenic	75-125	193.4045		0.3200	U	200.00	96.7		P
Barium	75-125	199.9062		0.1700	U	200.00	100.0		P
Beryllium	75-125	4.8878		0.0300	U	5.00	97.8		P
Cadmium	75-125	4.9729		0.0400	U	5.00	99.5		P
Calcium	75-125	2001.2758		4.2500	U	2000.00	100.1		P
Chromium	75-125	19.8593		0.1600	U	20.00	99.3		P
Cobalt	75-125	50.4699		0.1700	U	50.00	100.9		P
Copper	75-125	24.3046		0.3700	U	25.00	97.2		P
Iron	75-125	97.2972		3.9200	U	100.00	97.3		P
Lead	75-125	49.6454		0.2700	U	50.00	99.3		P
Magnesium	75-125	1865.1863		4.1600	U	2000.00	93.3		P
Manganese	75-125	48.6586		0.1200	U	50.00	97.3		P
Mercury	75-125	0.1610		0.0167	U	0.17	94.7		CV
Nickel	75-125	49.5748		0.2400	U	50.00	99.1		P
Potassium	75-125	1800.6434		31.5400	U	2000.00	90.0		P
Selenium	75-125	193.6565		0.4200	U	200.00	96.8		P
Silver	75-125	4.7586		0.1400	U	5.00	95.2		P
Sodium	75-125	1916.6293		39.5500	U	2000.00	95.8		P
Thallium	75-125	201.2336		0.4700	U	200.00	100.6		P
Vanadium	75-125	48.4654		0.4700	U	50.00	96.9		P
Zinc	75-125	48.6799		0.5800	U	50.00	97.4		P
Molybdenu									NR

Comments:

LAB SAMPLE NO.

SPIKE SAMPLE RECOVERY

816744MS

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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

% Solids for Sample: 93.4

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		1419.3895		1061.3049		214.13	167.2		P
Antimony	75-125	36.7424		1.2420	U	53.53	68.6	N	P
Arsenic	75-125	184.1767		0.6852	U	214.13	86.0		P
Barium	75-125	210.1336		10.1520	B	214.13	93.4		P
Beryllium	75-125	4.7698		0.0642	U	5.35	89.2		P
Cadmium	75-125	4.7413		0.0857	U	5.35	88.6		P
Calcium	75-125	2526.8979		492.7454	B	2141.33	95.0		P
Chromium	75-125	25.4805		5.6617		21.41	92.6		P
Cobalt	75-125	51.1064		0.3640	U	53.53	95.5		P
Copper	75-125	28.3587		3.6719	B	26.77	92.2		P
Iron		4920.9214		4394.2895		107.07	491.9		P
Lead	75-125	54.2488		4.0051		53.53	93.9		P
Magnesium	75-125	2139.2480		180.1045	B	2141.33	91.5		P
Manganese	75-125	65.5418		16.5304		53.53	91.6		P
Mercury									NR
Nickel	75-125	52.1608		1.3623	B	53.53	94.9		P
Potassium	75-125	1959.0141		197.1019	B	2141.33	82.3		P
Selenium	75-125	187.2199		0.8994	U	214.13	87.4		P
Silver	75-125	4.9283		0.2998	U	5.35	92.1		P
Sodium	75-125	1989.6940		84.6895	U	2141.33	92.9		P
Thallium	75-125	202.3124		1.0064	U	214.13	94.5		P
Vanadium	75-125	51.4306		4.0173	B	53.53	88.6		P
Zinc	75-125	57.8248		8.5471		53.53	92.1		P
Molybdenu									NR

Comments:

LAB SAMPLE NO.

SPIKE SAMPLE RECOVERY

816746MS

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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

% Solids for Sample: 91.8

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									
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	75-125	0.1961		0.0182	U	0.18	108.9		CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Comments:

Sample and MS Duplicate Results Summary

LAB SAMPLE NO.

DUPLICATES

LCSSD055-D

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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		7837.0188		7751.6508		1.1		P
Antimony		64.6586		65.4570		1.2		P
Arsenic		76.9736		74.1908		3.7		P
Barium		379.3916		372.9290		1.7		P
Beryllium		54.3950		52.8204		2.9		P
Cadmium		55.8944		54.9194		1.8		P
Calcium		6726.4852		7213.7344		7.0		P
Chromium		85.0708		82.7526		2.8		P
Cobalt		70.5808		67.9728		3.8		P
Copper		76.5170		74.5994		2.5		P
Iron		13942.9688		13368.1250		4.2		P
Lead		78.0948		76.2010		2.5		P
Magnesium		2541.9388		2508.4486		1.3		P
Manganese		269.7466		254.7662		5.7		P
Mercury		3.6667		4.0417		9.7		CV
Nickel		106.7278		104.9210		1.7		P
Potassium	500.0	2153.0534		2203.4648		2.3		P
Selenium		139.5120		136.7572		2.0		P
Silver		68.7432		66.0592		4.0		P
Sodium		432.2810	B	412.2322	B	4.7		P
Thallium		120.8764		119.8562		0.8		P
Vanadium		89.9182		87.1112		3.2		P
Zinc		205.7264		199.6158		3.0		P
Molybdenu								NR

LAB SAMPLE NO.

DUPLICATES

816744D

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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

% Solids for Sample: 93.4 % Solids for Duplicate: 93.4

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1061.3049		1033.9370		2.6		P
Antimony		1.2420	U	1.2420	U			P
Arsenic		0.6852	U	0.6852	U			P
Barium		10.1520	B	9.2030	B	9.8		P
Beryllium		0.0642	U	0.0642	U			P
Cadmium		0.0857	U	0.0857	U			P
Calcium		492.7454	B	514.9191	B	4.4		P
Chromium		5.6617		6.2379		9.7		P
Cobalt		0.3640	U	0.3640	U			P
Copper	2.7	3.6719	B	3.5345	B	3.8		P
Iron		4394.2895		4616.6664		4.9		P
Lead		4.0051		4.0238		0.5		P
Magnesium		180.1045	B	178.6681	B	0.8		P
Manganese		16.5304		15.8049		4.5		P
Mercury								NR
Nickel		1.3623	B	1.3752	B	0.9		P
Potassium		197.1019	B	171.4906	B	13.9		P
Selenium		0.8994	U	0.8994	U			P
Silver		0.2998	U	0.2998	U			P
Sodium		84.6895	U	84.6895	U			P
Thallium		1.0064	U	1.0064	U			P
Vanadium		4.0173	B	4.3024	B	6.9		P
Zinc	3.2	8.5471		8.5370		0.1		P
Molybdenu								NR

LAB SAMPLE NO.

DUPLICATES

816746D

Lab Name: STL_EDISON

Lab Code: 12028_ Lab Job No.: __E027 Batch No.: 22331_

Matrix (soil/water): SOIL_ Level (low/med): _LOW__

% Solids for Sample: _91.8 % Solids for Duplicate: __91.8

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic								NR
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron								NR
Lead								NR
Magnesium								NR
Manganese								NR
Mercury		0.0182	U	0.0182	U			CV
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Molybdenu								NR

Laboratory Control Samples Results Summary

LABORATORY CONTROL SAMPLE

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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	7837.0		4730.0	13300.0	86.8
Antimony				107.0	64.7		0.1	226.0	60.5
Arsenic				88.8	77.0		71.8	106.0	86.7
Barium				427.0	379.4		353.0	501.0	88.9
Beryllium				61.3	54.4		50.9	71.7	88.7
Cadmium				63.0	55.9		51.7	74.3	88.7
Calcium				7630.0	6726.5		6160.0	9100.0	88.2
Chromium				97.9	85.1		77.2	118.0	86.9
Cobalt				74.7	70.6		61.1	88.3	94.5
Copper				87.0	76.5		71.7	102.0	87.9
Iron				16500.0	13943.0		8390.0	24600.0	84.5
Lead				88.9	78.1		72.7	105.0	87.9
Magnesium				3050.0	2541.9		2230.0	3880.0	83.3
Manganese				301.0	269.7		238.0	364.0	89.6
Mercury				4.5	3.7		3.0	5.9	82.2
Nickel				116.0	106.7		95.8	136.0	92.0
Potassium				2810.0	2153.1		2060.0	3560.0	76.6
Selenium				155.0	139.5		120.0	190.0	90.0
Silver				81.6	68.7		54.1	109.0	84.2
Sodium				456.0	432.3	B	292.0	620.0	94.8
Thallium				131.0	120.9		101.0	161.0	92.3
Vanadium				106.0	89.9		81.7	130.0	84.8
Zinc				230.0	205.7		182.0	278.0	89.4
Molybdenu									

Serial Dilution Summary

LAB SAMPLE NO.

816744L

ICP SERIAL DILUTION

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: E027 Batch No.: 22331

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	4956.29		5052.84		1.9		P
Antimony	5.80	U	29.00	U			P
Arsenic	3.20	U	16.00	U			P
Barium	47.41	B	45.54	B	3.9		P
Beryllium	0.30	U	1.50	U			P
Cadmium	0.40	U	2.00	U			P
Calcium	2301.12	B	2185.28	B	5.0		P
Chromium	26.44		25.95	B	1.9		P
Cobalt	1.70	U	8.50	U			P
Copper	17.15	B	18.50	U	100.0		P
Iron	20521.33		19916.80		2.9		P
Lead	18.70		18.70	B	0.0		P
Magnesium	841.09	B	853.58	B	1.5		P
Manganese	77.20		73.80	B	4.4		P
Mercury							NR
Nickel	6.36	B	12.00	U	100.0		P
Potassium	920.47	B	1841.24	B	100.0		P
Selenium	4.20	U	21.00	U			P
Silver	1.40	U	7.00	U			P
Sodium	395.50	U	1977.50	U			P
Thallium	4.70	U	23.50	U			P
Vanadium	18.76	B	29.96	B	59.7		P
Zinc	39.92		29.00	U	100.0		P

Analysis Run Log

ANALYSIS RUN LOG

Lab Name: STL_EDISON_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:22331_

Instrument ID Number: LEEMAN4_____ Method: CV

Start Date: 03/28/07 End Date: 03/28/07

Lab Sample No.	D/F	Time	% R	Analytes																							
				ALB	SBS	ABA	BEA	BED	CDA	CAR	CRO	COU	CUE	FEB	PBG	MGN	MNG	HGI	NI	KE	SEG	AGA	NAL	TL	VN	ZNO	MO
STD01	1.00	1404															X										
STD02	1.00	1405															X										
STD03	1.00	1407															X										
STD04	1.00	1408															X										
STD05	1.00	1410															X										
STD06	1.00	1412															X										
ICV/ACCV	1.00	1413															X										
ICB/CCB	1.00	1415															X										
BS032807	1.00	1417															X										
SS032807	1.00	1418															X										
LCSSD055	5.00	1420															X										
SSD055-D	5.00	1421															X										
816746	1.00	1423															X										
816746D	1.00	1425															X										
816746MS	1.00	1427															X										
816744	1.00	1428															X										
816745	1.00	1430															X										
816747	1.00	1432															X										
CCV	1.00	1433															X										
CCB	1.00	1435															X										
ZZZZZZ	1.00	1436																									
816491	1.00	1438															X										
816493	1.00	1440															X										
816496	1.00	1441															X										
816498	1.00	1443															X										
816541	1.00	1445															X										
816542	1.00	1446															X										
816543	1.00	1448															X										
816544	1.00	1449															X										
816613	1.00	1451															X										
CCV	1.00	1453															X										
CCB	1.00	1455															X										

ANALYSIS RUN LOG

Lab Name: STL_EDISON_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:22331_

Instrument ID Number: LEEMAN4_____ Method: CV

Start Date: 03/28/07 End Date: 03/28/07

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
ZZZZZZ	1.00	1456																									
ZZZZZZ	1.00	1458																									
ZZZZZZ	5.00	1459																									
ZZZZZZ	5.00	1501																									
ZZZZZZ	1.00	1503																									
ZZZZZZ	1.00	1504																									
ZZZZZZ	1.00	1506																									
ZZZZZZ	1.00	1508																									
ZZZZZZ	1.00	1509																									
ZZZZZZ	1.00	1511																									
CCV	1.00	1513																X									
CCB	1.00	1514																X									
ZZZZZZ	1.00	1516																									
ZZZZZZ	1.00	1518																									
ZZZZZZ	1.00	1519																									
ZZZZZZ	1.00	1521																									
ZZZZZZ	1.00	1523																									
ZZZZZZ	1.00	1524																									
ZZZZZZ	1.00	1526																									
ZZZZZZ	1.00	1528																									
ZZZZZZ	1.00	1530																									
CCV	1.00	1531																X									
CCB	1.00	1533																X									
ZZZZZZ	1.00	1534																									
ZZZZZZ	1.00	1536																									
ZZZZZZ	1.00	1538																									
ZZZZZZ	1.00	1540																									
ZZZZZZ	1.00	1541																									
ZZZZZZ	1.00	1543																									
ZZZZZZ	1.00	1545																									
ZZZZZZ	1.00	1546																									
ZZZZZZ	1.00	1548																									

ANALYSIS RUN LOG

Lab Name: STL_EDISON_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:22331_

Instrument ID Number: LEEMAN4_____ Method: CV

Start Date: 03/28/07 End Date: 03/28/07

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
CCV	1.00	1550																X									
CCB	1.00	1551																X									
ZZZZZZ	2.00	1607																									
ZZZZZZ	3.00	1609																									
ZZZZZZ	1.00	1610																									
ZZZZZZ	5.00	1612																									
ZZZZZZ	1.00	1614																									
CCV	1.00	1615																X									
CCB	1.00	1617																X									

ANALYSIS RUN LOG

Lab Name: STL_EDISON_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:22331_

Instrument ID Number: TRACE3 TJA61_ Method: P_

Start Date: 03/29/07 End Date: 03/29/07

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	1027		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	1033		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T3CAL2	1.00	1039		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T3CAL3	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	X
ZZZZZZ	1.00	1051																									
ICV/CCV	1.00	1104		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	1110		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	1120		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	1126		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	1132																									
ZZZZZZ	1.00	1138																									
ZZZZZZ	1.00	1144																									
ZZZZZZ	3.00	1150																									
ZZZZZZ	3.00	1156																									
ZZZZZZ	3.00	1202																									
ZZZZZZ	3.00	1208																									
ZZZZZZ	2.00	1214																									
CCV	1.00	1220		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	1226		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	3.00	1232																									
ZZZZZZ	3.00	1238																									
ZZZZZZ	3.00	1244																									
ZZZZZZ	3.00	1250																									
ZZZZZZ	3.00	1256																									
ZZZZZZ	3.00	1302																									
ZZZZZZ	3.00	1308																									
ZZZZZZ	2.00	1313																									
ZZZZZZ	2.00	1319																									
ZZZZZZ	5.00	1325																									
CCV	1.00	1331		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	1337		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	10.00	1343																									

ANALYSIS RUN LOG

Lab Name: STL_EDISON_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:22331_

Instrument ID Number: TRACE3 TJA61_ Method: P_

Start Date: 03/29/07 End Date: 03/29/07

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
ZZZZZZ	5.00	1349																									
ICSA	1.00	1355		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	1401		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	1407		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	1413		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
814212	2.00	1424				X									X												
814213	2.00	1430				X									X												
814214	2.00	1436				X									X												
814215	2.00	1442				X									X												
814216	2.00	1448				X									X												
ZZZZZZ	20.00	1459																									
ZZZZZZ	5.00	1505																									
ICSA	1.00	1515		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	1521		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	1527		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	1533		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: STL_EDISON_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:22331_

Instrument ID Number: TRACE3 TJA61_ Method: P_

Start Date: 03/30/07 End Date: 03/30/07

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	0950		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	0956		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T3CAL2	1.00	1002		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T3CAL3	1.00	1008		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	1018		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ICV/CCV	1.00	1024		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	1030		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	1036		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	1042		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	1048		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1054		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1100		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1106		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1112		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1117		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1123		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1129		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CCV	1.00	1135		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	1141		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	1147		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1153		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1159		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1205		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1211		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1217		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1223		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1229		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1235		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	2.00	1241		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CCV	1.00	1247		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	1253		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	1300		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

ANALYSIS RUN LOG

Lab Name: STL_EDISON_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:22331_

Instrument ID Number: TRACE3 TJA61_ Method: P_

Start Date: 03/30/07 End Date: 03/30/07

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
ZZZZZZ	2.00	1306																									
ZZZZZZ	2.00	1312																									
ZZZZZZ	2.00	1318																									
ZZZZZZ	2.00	1324																									
ZZZZZZ	2.00	1330																									
ICSA	1.00	1336		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	1341		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	1347		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	1353		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SS032807	1.00	1409		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
BS032807	1.00	1415		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	1421		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	1427		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
816744D	2.00	1433		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
816744L	2.00	1439		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
816744MS	2.00	1445		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	1451																									
816491	2.00	1457			X	X		X	X		X		X		X				X		X	X		X		X	
816493	2.00	1503			X	X		X	X		X		X		X				X		X	X		X		X	
CCV	1.00	1509		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	1515		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
816496	2.00	1521			X	X		X	X		X		X		X				X		X	X		X		X	
816498	2.00	1527			X	X		X	X		X		X		X				X		X	X		X		X	
816541	2.00	1533			X	X	X	X	X		X		X		X				X		X	X		X	X	X	
816542	2.00	1539			X	X	X	X	X		X		X		X				X		X	X		X	X	X	
816543	2.00	1544			X	X	X	X	X		X		X		X				X		X	X		X	X	X	
816544	2.00	1550			X	X	X	X	X		X		X		X				X		X	X		X	X	X	
816613	2.00	1556			X	X		X	X		X		X		X				X		X	X		X		X	
ICSA	1.00	1602		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	1608		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	1614		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	1620		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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