MITKEM CORPORATION

"Environmental Testing For The New Millennium"

October 5, 2005

Ecology & Environment
368 Pleasantview Drive
Lancaster, NY 14086
Attn: Mr. Jon Nickerson

RE: Client Project: Old Troy Landfill
Lab Work Order #: D1004

Dear Mr. Nickerson:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project.

If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng
CLP Project Manager

175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499 • www.mitkem.com

MITKEM CORPORATION

* Data Summary Pack *

Mitkem Corporation

New York State Department of Environmental Conservation
Sample Identification and Analytical Requirements Summary

Project Name: **Old Troy Landfill** SDG: **D1004**

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		VOA GC/MS Method #	SVOA GC/MS Method #	Pest/PCB Method #	Metals	Other
SB-RB-W-R	D1004-01	ASP	ASP	ASP	ASP	SEE DATA
MW12-W-0	D1004-02		ASP	ASP	ASP	SEE DATA
MW12-O-0805	D1004-03					SEE DATA

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D1004-01A	AQ	08/24/2005	08/25/2005	NA	08/26/2005

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D1004-01C	AQ	08/24/2005	08/25/2005	08/29/2005	09/13/2005
D1004-02B	AQ	08/24/2005	08/25/2005	08/29/2005	09/13/2005

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D1004-01C	AQ	08/24/2005	08/25/2005	08/29/2005	09/21/2005
D1004-02B	AQ	08/24/2005	08/25/2005	08/29/2005	09/21/2005

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
D1004-01A	AQ	ASP	NA	Low	1

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D1004-01C	AQ	ASP	3520C	NA	1
D1004-02B	AQ	ASP	3520C	NA	1

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D1004-01C	AQ	ASP	3510C	Florisil/Sulfur	1
D1004-02B	AQ	ASP	3510C	Florisil/Sulfur	1

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Inorganic Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Metals Requested	Date Received by Lab	Date Analyzed
D1004-01D	AQ	ASP	08/25/2005	9/2/05 - 9/15/05
D1004-02A	AQ	ASP	08/25/2005	9/2/05 - 9/15/05

NYASP 10/95

Analytical Data Package for Ecology & Environment

Client Project No.: Old Troy Landfill

Mitkem Work Order ID: D1004

October 5, 2005

Prepared For:

Ecology & Environment
368 Pleasantview Drive
Lancaster, NY 14086
Attn: Mr. Jon Nickerson

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Ecology & Environment's Old Troy project. Under this deliverable, analysis results are presented for one aqueous sample that was received on August 26, 2005. Analyses were performed per specifications in the project's contract and the chain of custody forms. Due to the limitations in CLP data reporting software, client sample IDs were shortened. A table of full ID, shortened ID and laboratory ID follows this narrative, along with the Mitkem Work Order.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable with the exception of hardness, TKN, ammonia, nitrate, chemical oxygen demand, total organic carbon, total dissolved solids, alkalinity, color, bromide, chloride and sulfate. The analysis results for hardness, TKN, ammonia, nitrate, chemical oxygen demand, total organic carbon, total dissolved solids, alkalinity, color, bromide, chloride and sulfate are reported in the standard Mitkem format with supporting raw data.

The following observation and/or deviations are observed for the following analyses:

1. Overall observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Trap used for instrument V6: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

GC column used: 30 m x 0.25 mm id (1.4 um film thickness) DB-624 capillary column.

The aqueous sample was not acid preserved; pH 7.

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

3. Semivolatile Analysis:

GC column: 30 m x 0.25 mm id (0.5 um film thickness) DB-5MS capillary column

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of high recovery of 4-nitrophenol.

Sample analysis: no other unusual observation was made for the analysis.

4. Pesticides/PCB Analysis:

GC column used: 30 m x 0.53 mm id (0.5 um film thickness) CLPPest and 30 m x 0.53 mm id (0.42 um film thickness) CLPPestII megabore columns

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

5. Metals Analysis:

Mercury was analyzed using a Perkin Elmer Model 100 FIMS cold vapor atomic absorption analyzer. The other elements were analyzed using either a Perkin Elmer Model 3100XL Optima or a Perkin Elmer Model 4300DV ICAP.

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on sample SB-RB-W-R. Spike recoveries were within the QC limits with the exception of lead. Lead is flagged with a "N" on the data report forms. A post digest spike was performed for lead.

Matrix duplicate: matrix duplicate was performed on sample SB-RB-W-R. Replicate RPDs were within the QC limits with the exception of iron. Iron is flagged with an "*" on the data report forms.

Sample analysis: serial dilution was performed on sample SB-RB-W-R. Replicate RPDs within the QC. No other unusual observation was made for the analysis.

6. Cyanide Analysis:

The cyanide samples were prepared using minidistill apparatus by Kontes. The resultant distillates were analyzed using a Lachat QuikChem 8000 autoanalyzer.

Lab control sample: spike recovery was within the QC limits.

Matrix spike: matrix spike was performed on sample SB-RB-W-R. Spike recovery was within the QC limits.

Matrix duplicate: matrix duplicate was performed on sample SB-RB-W-R. Replicate RPD was within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

7. Wet Chemistry Analyses:

Lab control sample: spike recovery was within the QC limits for nitrate-nitrite, total organic carbon, ammonia and TKN.

Sample analysis: TKN was detected in the method blank above the PQL. The concentration of TKN in the associated samples will be qualified with a "B". No other unusual observation was made for the analysis.

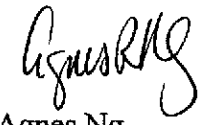
8. BOD and Phenol Analyses:

The BOD analyses were subcontracted to RI Analytical Laboratories of Warwick, RI. The RIAL report is submitted following the wet chemistry data.

Phenols were performed by sub-contract laboratory, STL Connecticut of Shelton, CT. The entire STL Connecticut report, including any notes on these analyses, is included following the Last Page of the Mitkem data report. The STL report is paginated separately from the Mitkem data report.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.



Agnes Ng
CLP Project Manager
10/05/05

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: D1004

Client Name: Ecology and Environm

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
D1004-01A	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-01B	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-01C	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-01D	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-02A	MW12-W-O	OTMI-MW12-W-O-0805
D1004-02B	MW12-W-O	OTMI-MW12-W-O-0805
D1004-03A	MW12-W-O-0805	OTMI-MW12-W-O-0805
D1004-03B	MW12-W-O-0805	OTMI-MW12-W-O-0805
D1004-03C	MW12-W-O-0805	OTMI-MW12-W-O-0805

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

00006

Mitkem Corporation

12/Sep/05 11:25

WorkOrder: D1004

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/16/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D1004-01A	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	OLM4.2_VOA_W	OLM, NYS-Add LCS	☐	☐	☐	VOA
D1004-01B	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	ILM5.3_CN_W		☐	☐	☐	B2
D1004-01C	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	OLM4.2_PP_W	OLM, NYS-Add LCS	☐	☐	☐	B2
					OLM4.2_SVOA_W	OLM, NYS-Add LCS	☐	☐	☐	B2
D1004-01D	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	ILM5.3_HG_W	ILM5.3 plus boron	☐	☐	☐	M1
					ILM5.3_ICP_W	ILM5.3 plus boron	☐	☐	☑	M1
D1004-02A	MW12-W-O	08/24/05 7:45	08/25/05	Aqueous	ILM5.3_CN_W		☐	☐	☐	B2
D1004-02B	MW12-W-O	08/24/05 7:45	08/25/05	Aqueous	OLM4.2_PP_W	OLM, NYS-Add LCS	☐	☐	☐	B2
					OLM4.2_SVOA_W	OLM, NYS-Add LCS	☐	☐	☐	B2
D1004-03A	MW12-W-O-0805	08/25/05 7:35	08/26/05	Aqueous	E353.2_NO2NO3		☐	☐	☐	E2
					SM4500_NH3_W		☐	☐	☐	E2
					SM4500_TKN_W		☐	☐	☐	E2

Client Rep: Benjamin F Dodge

Mitkem Corporation

12/Sep/05 11:25

WorkOrder: D1004

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/16/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D1004-03B	MW12-W-O-0805	08/25/05 7:35	08/26/05	Aqueous	E405.1_5		☐	☐	☐	SUB
D1004-03C	MW12-W-O-0805	08/25/05 7:35	08/26/05	Aqueous	E420.1		☐	☐	☐	SUB

Client Rep: Benjamin F Dodge

80000

Mitkem Corporation

Date: *04-Oct-05*

Client: Ecology and Environment
Client Sample ID: MW12-W-O-0805
Lab ID: D1004-03

Project: Old Troy Landfill
Collection Date: 08/25/05 07:35

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
NITROGEN (NITRATE) BY AUTOMATED CD REDUCTION				**E353.2_NO2NO3**			
Nitrogen, Nitrate-Nitrite	4.5		0.50	mg/L	10	09/16/2005 13:18	20011
NITROGEN (AMMONIA) BY NESSLERIZATION METHOD				**SM4500_NH3_W**			
Ammonia-N	0.30		0.20	mg/L	1	09/12/2005 12:00	19920
NITROGEN (ORGANIC) BY MICRO-KJELDAHL METHOD				**SM4500_TKN_W**			
TKN-N	0.35	B	0.20	mg/L	1	09/03/2005 12:00	19820

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Corporation

Date: *04-Oct-05*

CLIENT: Ecology and Environment
Work Order: D1004
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: E353.2_NO2NO3

Sample ID MB-20011	SampType: MBLK	TestCode: E353.2_NO2NO3			Prep Date: 09/16/2005			Run ID: LACHAT1_050916B	
Client ID: MB-20011	Batch ID: 20011	Units: mg/L			Analysis Date: 09/16/2005			SeqNo: 397416	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	ND	0.050									

Sample ID LCS-20011	SampType: LCS	TestCode: E353.2_NO2NO3			Prep Date: 09/16/2005			Run ID: LACHAT1_050916B	
Client ID: LCS-20011	Batch ID: 20011	Units: mg/L			Analysis Date: 09/16/2005			SeqNo: 397417	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	5.266	0.50	5.46	0	96.5	36.2	153	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Ecology and Environment
Work Order: D1004
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: SM4500_NH3_W

Sample ID	MB-19920	SampType:	MBLK	TestCode:	SM4500_NH3_W			Prep Date:	09/10/2005		Run ID:	SPEC2_050912A	
Client ID:	MB-19920	Batch ID:	19920	Units:	mg/L			Analysis Date:	09/12/2005		SeqNo:	389666	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Ammonia-N		ND	0.20										

Sample ID	LCS-19920	SampType:	LCS	TestCode:	SM4500_NH3_W			Prep Date:	09/10/2005		Run ID:	SPEC2_050912A	
Client ID:	LCS-19920	Batch ID:	19920	Units:	mg/L			Analysis Date:	09/12/2005		SeqNo:	389667	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Ammonia-N		0.842	0.20	0.766	0	110	82.6	126	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Ecology and Environment
Work Order: D1004
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: SM4500_TKN_W

Sample ID	MB-19820	SampType:	MBLK	TestCode:	SM4500_TKN_W			Prep Date:	09/02/2005		Run ID:	SPEC2_050903B	
Client ID:	MB-19820	Batch ID:	19820	Units:	mg/L			Analysis Date:	09/03/2005		SeqNo:	389218	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TKN-N	0.246	0.20											

Sample ID	LCS-19820	SampType:	LCS	TestCode:	SM4500_TKN_W			Prep Date:	09/02/2005		Run ID:	SPEC2_050903B	
Client ID:	LCS-19820	Batch ID:	19820	Units:	mg/L			Analysis Date:	09/03/2005		SeqNo:	389219	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TKN-N	0.724	0.20	0.674	0	107	80	120	0	0		B		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Mitkem Corporation

Date: *04-Oct-05*

Client: Ecology and Environment
Client Sample ID: MW12-W-O-0805
Lab ID: D1004-03

Project: Old Troy Landfill
Collection Date: 08/25/05 7:35

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
BIOLOGICAL OXYGEN DEMAND (5 DAY)			**E405.1_5**				
Biochemical Oxygen Demand	4.2		3.0	mg/L	1	08/26/2005 0:00	SUBBED

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8027

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8027

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8027

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6YLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8023

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	44	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	45	
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6YLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8023

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	47	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	49	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	50	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW12-W-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5939

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW12-W-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5939

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

MW12-W-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5939

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	21.01	3	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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26.					
27.					
28.					
29.					
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5938

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5938

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SB-RB-W-R

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5938

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	96-76-4	PHENOL, 2,4-BIS(1,1-DIMETHYL	12.84	3	NJ
2.		UNKNOWN	16.77	2	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1BLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5928

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	59	
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	62	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	40	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	62	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	40	

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S1BLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5928

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	68	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	43	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	62	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	40	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	J
117-84-0	Di-n-octylphthalate	3	J
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

MW12-W-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2408F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 08/25/05

Extraction: (Type) SEPF Date Extracted: 08/29/05

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2407F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 08/25/05

Extraction: (Type) SEPF Date Extracted: 08/29/05

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

MW12-W-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Lab Sample ID: D1004-02

Level (low/med): MED Date Received: 08/25/05

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
	Cyanide	10.0	U		CA

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Lab Sample ID: D1004-01

Level (low/med): MED Date Received: 08/25/05

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21.8	J		P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	5.3	J		P
7440-41-7	Beryllium	5.0	U		P
7440-42-8	Boron	44.0	J		P
7440-43-9	Cadmium	0.11	J		P
7440-70-2	Calcium	278	J		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	0.31	J		P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	62.4	J	*	P
7439-92-1	Lead	0.88	J	N	P
7439-95-4	Magnesium	5000	U		P
7439-96-5	Manganese	3.4	J		P
7440-02-0	Nickel	40.0	U		P
7440-09-7	Potassium	5000	U		P
7782-49-2	Selenium	1.0	J		P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	179	J		P
7440-28-0	Thallium	1.5	J		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	3.4	J		P
7439-97-6	Mercury	0.27	U		CV
	Cyanide	10.0	U		CA

Color Before: COLORLES Clarity Before: CLEAR Texture: _____

Color After: COLORLES Clarity After: CLEAR Artifacts: _____

Comments:

7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Solid LCS Source:

Aqueous LCS Source:

LCS-19953

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	9100.0	9870.53	108.5						
Antimony	455.0	515.44	113.3						
Arsenic	455.0	503.33	110.6						
Barium	9100.0	10298.60	113.2						
Beryllium	227.0	255.12	112.4						
Boron	2250.0	2483.44	110.4						
Cadmium	227.0	255.12	112.4						
Calcium	22700.0	25113.10	110.6						
Chromium	910.0	991.94	109.0						
Cobalt	2270.0	2557.33	112.7						
Copper	1130.0	1251.59	110.8						
Iron	4550.0	4993.09	109.7						
Lead	455.0	512.60	112.7						
Magnesium	22700.0	25234.29	111.2						
Manganese	2270.0	2565.84	113.0						
Nickel	2270.0	2531.10	111.5						
Potassium	22700.0	24976.10	110.0						
Selenium	455.0	505.86	111.2						
Silver	1130.0	1306.71	115.6						
Sodium	22700.0	26299.09	115.9						
Thallium	455.0	503.83	110.7						
Vanadium	2270.0	2513.60	110.7						
Zinc	2270.0	2539.70	111.9						

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLK6Y	98	92	89		0
02	V6YLCS	109	100	98		0
03	SB-RB-W-R	108	108	96		0
04	VHBLK6Y	106	105	95		0
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	QC LIMITS
SMC1 (TOL) = Toluene-d8	(88-110)
SMC2 (BFB) = Bromofluorobenzene	(86-115)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK1B	84	78	81	78	80	83	79	64	0
02	S1BLCS	81	76	73	78	80	85	81	67	0
03	SB-RB-W-R	81	76	79	79	85	85	82	63	0
04	MW12-W-O	83	74	85	82	85	84	83	65	0
05										
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		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(35-114)	
S2 (FBP)	= 2-Fluorobiphenyl	(43-116)	
S3 (TPH)	= Terphenyl-d14	(33-141)	
S4 (PHL)	= Phenol-d5	(10-110)	
S5 (2FP)	= 2-Fluorophenol	(21-110)	
S6 (TBP)	= 2,4,6-Tribromophenol	(10-123)	
S7 (2CP)	= 2-Chlorophenol-d4	(33-110)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(16-110)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTII ID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK5R	112	81	92	94			0
02	P5RLCS	81	80	95	96			0
03	SB-RB-W-R	70	69	76	78			0
04	MW12-W-O	98	75	84	86			0
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	QC LIMITS
(TCX) = Tetrachloro-m-xylene	(30-150)
(DCB) = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1004

Matrix Spike - Sample No.: V6YLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50		44	88	61-145
Benzene	50		45	90	76-127
Trichloroethene	50		47	94	71-120
Toluene	50		49	98	76-125
Chlorobenzene	50		50	100	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

FORM 3
WATER SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix Spike - Sample No.: S1BLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Phenol	75		59	79	12-110
2-Chlorophenol	75		62	83	27-123
N-Nitroso-di-n-prop.(1)	50		40	80	41-116
4-Chloro-3-Methylphenol	75		62	83	23- 97
Acenaphthene	50		40	80	46-118
4-Nitrophenol	75		68	91*	10- 80
2,4-Dinitrotoluene	50		43	86	24- 96
Pentachlorophenol	75		62	83	9-103
Pyrene	50		40	80	26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 9 outside limits

COMMENTS: _____

FORM 3
WATER PESTICIDE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix Spike - Sample No.: P5RLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	0.50		0.31	62	56-123
Heptachlor	0.50		0.40	80	40-131
Aldrin	0.50		0.41	82	40-120
Dieldrin	1.0		0.95	95	52-126
Endrin	1.0		1.1	110	56-121
4,4'-DDT	1.0		0.82	82	38-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Cyanide	75-125	111.6495		10.0000	U	100.00	111.6		CA

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2192.1872		21.7616	J	2000.00	108.5		P
Antimony	75-125	107.2315		60.0000	U	100.00	107.2		P
Arsenic	75-125	42.6789		10.0000	U	40.00	106.7		P
Barium	75-125	2396.8063		5.3174	J	2000.00	119.6		P
Beryllium	75-125	57.5345		5.0000	U	50.00	115.1		P
Boron	75-125	2435.3242		43.9917	J	2250.00	106.3		P
Cadmium	75-125	56.4941		0.1145	J	50.00	112.8		P
Chromium	75-125	226.7479		10.0000	U	200.00	113.4		P
Cobalt	75-125	601.5433		0.3129	J	500.00	120.2		P
Copper	75-125	295.0285		25.0000	U	250.00	118.0		P
Iron	75-125	1180.3319		62.4074	J	1000.00	111.8		P
Lead	75-125	28.1178		0.8811	J	20.00	136.2	N	P
Manganese	75-125	611.2738		3.4439	J	500.00	121.6		P
Nickel	75-125	598.4501		40.0000	U	500.00	119.7		P
Selenium	75-125	59.7040		1.0320	J	50.00	117.3		P
Silver	75-125	58.5522		10.0000	U	50.00	117.1		P
Thallium	75-125	58.0560		1.4829	J	50.00	113.1		P
Vanadium	75-125	564.5119		50.0000	U	500.00	112.9		P
Zinc	75-125	594.5817		3.4263	J	500.00	118.2		P

Comments:

U.S. EPA - CLP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO

SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Lead		21.27		0.88	J	20.0	102.0		P

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO
SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		21.7616	J	22.8069	J	4.7		P
Antimony		60.0000	U	1.6479	J	200.0		P
Arsenic		10.0000	U	10.0000	U			P
Barium		5.3174	J	4.9739	J	6.7		P
Beryllium		5.0000	U	5.0000	U			P
Boron		43.9917	J	500.0000	U	200.0		P
Cadmium		0.1145	J	5.0000	U	200.0		P
Calcium		278.1198	J	349.0531	J	22.6		P
Chromium		10.0000	U	0.6465	J	200.0		P
Cobalt		0.3129	J	0.2156	J	36.8		P
Copper		25.0000	U	25.0000	U			P
Iron	100.0	62.4074	J	389.0848		144.7	*	P
Lead		0.8811	J	10.0000	U	200.0		P
Magnesium		5000.0000	U	25.6268	J	200.0		P
Manganese		3.4439	J	5.4385	J	44.9		P
Nickel		40.0000	U	40.0000	U			P
Selenium		1.0320	J	35.0000	U	200.0		P
Silver		10.0000	U	10.0000	U			P
Sodium		178.7198	J	183.4179	J	2.6		P
Thallium		1.4829	J	25.0000	U	200.0		P
Vanadium		50.0000	U	50.0000	U			P
Zinc		3.4263	J	4.7276	J	31.9		P
Cyanide		10.0000	U	10.0000	U			CA

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: V6D8022 Lab Sample ID: MB-19680

Date Analyzed: 08/26/05 Time Analyzed: 1048

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6YLCS	LCS-19680	V6D8023	1134
02	SB-RB-W-R	D1004-01A	V6D8027	1336
03	VHBLK6Y	VHBLK6Y	V6D8036	1758
04				
05				
06				
07				
08				
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COMMENTS: _____

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8022

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8022

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VBLK6Y

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8022

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: VHBLK6Y

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8036

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: VHBLK6Y

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8036

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VHBLK6Y

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: VHBLK6Y

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8036

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK1B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: S1E5927 Lab Sample ID: MB-19698

Instrument ID: S1 Date Extracted: 08/29/05

Matrix: (soil/water) WATER Date Analyzed: 09/13/05

Level: (low/med) LOW Time Analyzed: 1202

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	S1BLCS	LCS-19698	S1E5928	09/13/05
02	SB-RB-W-R	D1004-01C	S1E5938	09/13/05
03	MW12-W-O	D1004-02B	S1E5939	09/13/05
04				
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COMMENTS: _____

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5927

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5927

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SBLK1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5927

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
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4C

EPA SAMPLE NO.

PESTICIDE METHOD BLANK SUMMARY

PBLK5R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab Sample ID: MB-19699 Lab File ID: E5C2405F

Matrix (soil/water) WATER Extraction:(Type) SEPF

Sulfur Cleanup (Y/N) Y Date Extracted: 08/29/05

Date Analyzed (1): 09/21/05 Date Analyzed (2): 09/21/05

Time Analyzed (1): 0032 Time Analyzed (2): 0032

Instrument ID (1): E5 Instrument ID (2): E5

GC Column (1): CLPPEST ID: 0.53(mm) GC Column (2): CLPPESTII ID: 0.53(mm)

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	P5RLCS	LCS-19699	09/21/05	09/21/05
02	SB-RB-W-R	D1004-01C	09/21/05	09/21/05
03	MW12-W-O	D1004-02B	09/21/05	09/21/05
04				
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06				
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26				

COMMENTS: _____

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK5R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19699

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2405F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) SEPF Date Extracted: 08/29/05

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKA2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKA2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2363F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/17/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKA2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKA2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2363R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/17/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKAB

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAB

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2383F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAB

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAB

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2383R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAC

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAC

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2393F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAC

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAC

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2393R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) _____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKAD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2414F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKAD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2414R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

P5RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19699

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2406F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) SEPF Date Extracted: 08/29/05

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.31	
76-44-8	Heptachlor	0.40	
309-00-2	Aldrin	0.41	
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.95	
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	1.1	
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.82	
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U		

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Boron	54.8	J	41.2	J	500.0	U	500.0	U	500.000	U		

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	
Antimony	20.0	J	2.5	J	20.0	J	1.9	J	20.000	J	
Barium	200.0	U	200.0	U	200.0	U	200.0	U	4.536	J	
Beryllium	0.2	J	5.0	U	5.0	U	5.0	U	5.000	U	
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	
Calcium	-41.7	J	800.0	J	-68.2	J	800.0	J	132.303	J	
Chromium	0.4	J	0.4	J	0.4	J	0.4	J	10.000	J	
Cobalt	0.2	J	0.2	J	50.0	U	0.3	J	0.399	J	
Copper	30.0	U	30.0	U	30.0	U	30.0	U	30.000	U	
Iron	200.0	U	200.0	U	200.0	U	200.0	U	32.391	J	
Lead	0.5	J	0.5	J	0.5	J	0.5	J	0.748	J	
Magnesium	500.0	J	500.0	J	500.0	J	500.0	J	500.000	J	
Manganese	50.0	U	50.0	U	50.0	U	50.0	U	2.868	J	
Nickel	0.6	J	0.6	J	0.6	J	0.6	J	40.000	J	
Selenium	-1.8	J	1.4	J	7.3	J	3.5	J	5.846	J	
Silver	3.6	J	30.0	U	30.0	U	30.0	U	1.476	J	
Vanadium	0.5	J	0.5	J	0.5	J	0.5	J	50.000	U	
Zinc	50.0	J	50.0	J	50.0	J	50.0	J	2.458	J	

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	5000.000	U	

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Sodium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Sodium			5000.0	U							P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Prepa-ration Blank	C		M
Potassium	5000.0	U	5000.0	U	5000.0	U	5000.0	U		5000.000	U		

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Potassium			5000.0	U	5000.0	U	5000.0	U			P

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Potassium			5000.0	U							P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	
Thallium	4.2	J	2.0	J	3.1	J	3.0	J	25.000	U	

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

EPA Sample No. (VSTD050##): VSTD0506Y Date Analyzed: 08/26/05

Lab File ID (Standard): V6D8021 Time Analyzed: 1010

Instrument ID: V6 Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	303314	4.71	1715816	5.79	1689863	9.28
	UPPER LIMIT	606628	5.21	3431632	6.29	3379726	9.78
	LOWER LIMIT	151657	4.21	857908	5.29	844932	8.78
	EPA SAMPLE						
01	VBLK6Y	313245	4.71	1739133	5.79	1670004	9.29
02	V6YLCS	275446	4.71	1567130	5.79	1503588	9.29
03	SB-RB-W-R	257266	4.71	1475679	5.80	1413121	9.29
04	VHBLK6Y	225139	4.71	1264005	5.79	1223366	9.29
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

EPA Sample No. (SSTD050##): SSTD0501A Date Analyzed: 09/13/05

Lab File ID (Standard): S1E5926 Time Analyzed: 1112

Instrument ID: S1 GC Column: DB-5MS ID: 0.25 (mm)

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	294923		8.00		1272717		10.00		721605		12.89	
	UPPER LIMIT	589846		8.50		2545434		10.50		1443210		13.39	
	LOWER LIMIT	147462		7.50		636359		9.50		360803		12.39	
	EPA SAMPLE NO.												
01	SBLK1B	283376		8.00		1129906		10.00		666774		12.88	
02	S1BLCS	279913		8.00		1163309		10.00		683334		12.89	
03	SB-RB-W-R	283921		8.00		1180682		10.00		682371		12.88	
04	MW12-W-O	280155		8.00		1159342		10.00		690101		12.88	
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

EPA Sample No. (SSTD050##): SSTD0501A Date Analyzed: 09/13/05

Lab File ID (Standard): S1E5926 Time Analyzed: 1112

Instrument ID: S1 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1260099	15.35	1109443	19.75	841480	22.25
	UPPER LIMIT	2520198	15.85	2218886	20.25	1682960	22.75
	LOWER LIMIT	630050	14.85	554722	19.25	420740	21.75
	EPA SAMPLE NO.						
01	SBLK1B	1196728	15.35	1050406	19.73	843829	22.24
02	S1BLCS	1189180	15.35	1066288	19.74	816914	22.25
03	SB-RB-W-R	1183370	15.35	1019894	19.73	754592	22.25
04	MW12-W-O	1156584	15.35	928597	19.73	670653	22.24
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Identification and Analytical Requirements Summary

Project Name: **Old Troy Landfill** SDG: **D1004**

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		VOA GC/MS Method #	SVOA GC/MS Method #	Pest/PCB Method #	Metals	Other
SB-RB-W-R	D1004-01	ASP	ASP	ASP	ASP	SEE DATA
MW12-W-0	D1004-02		ASP	ASP	ASP	SEE DATA
MW12-O-0805	D1004-03					SEE DATA

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D1004-01A	AQ	08/24/2005	08/25/2005	NA	08/26/2005

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D1004-01C	AQ	08/24/2005	08/25/2005	08/29/2005	09/13/2005
D1004-02B	AQ	08/24/2005	08/25/2005	08/29/2005	09/13/2005

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Date Collected	Date Received by Lab	Date Extracted	Date Analyzed
D1004-01C	AQ	08/24/2005	08/25/2005	08/29/2005	09/21/2005
D1004-02B	AQ	08/24/2005	08/25/2005	08/29/2005	09/21/2005

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Volatile (VOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
D1004-01A	AQ	ASP	NA	Low	1

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Semivolatile (SVOA) Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D1004-01C	AQ	ASP	3520C	NA	1
D1004-02B	AQ	ASP	3520C	NA	1

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Pesticides/PCB Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
D1004-01C	AQ	ASP	3510C	Florisil/Sulfur	1
D1004-02B	AQ	ASP	3510C	Florisil/Sulfur	1

NYASP 10/95

Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary
Inorganic Analyses

Project Name: **Old Troy Landfill** SDG: **D1004**

Laboratory Sample ID	Matrix	Metals Requested	Date Received by Lab	Date Analyzed
D1004-01D	AQ	ASP	08/25/2005	9/2/05 - 9/15/05
D1004-02A	AQ	ASP	08/25/2005	9/2/05 - 9/15/05

NYASP 10/95

Analytical Data Package for Ecology & Environment

Client Project No.: Old Troy Landfill

Mitkem Work Order ID: D1004

October 5, 2005

Prepared For:

Ecology & Environment
368 Pleasantview Drive
Lancaster, NY 14086
Attn: Mr. Jon Nickerson

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Ecology & Environment's Old Troy project. Under this deliverable, analysis results are presented for one aqueous sample that was received on August 26, 2005. Analyses were performed per specifications in the project's contract and the chain of custody forms. Due to the limitations in CLP data reporting software, client sample IDs were shortened. A table of full ID, shortened ID and laboratory ID follows this narrative, along with the Mitkem Work Order.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable with the exception of hardness, TKN, ammonia, nitrate, chemical oxygen demand, total organic carbon, total dissolved solids, alkalinity, color, bromide, chloride and sulfate. The analysis results for hardness, TKN, ammonia, nitrate, chemical oxygen demand, total organic carbon, total dissolved solids, alkalinity, color, bromide, chloride and sulfate are reported in the standard Mitkem format with supporting raw data.

The following observation and/or deviations are observed for the following analyses:

1. Overall observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Trap used for instrument V6: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

GC column used: 30 m x 0.25 mm id (1.4 um film thickness) DB-624 capillary column.

The aqueous sample was not acid preserved; pH 7.

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

3. Semivolatile Analysis:

GC column: 30 m x 0.25 mm id (0.5 um film thickness) DB-5MS capillary column

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of high recovery of 4-nitrophenol.

Sample analysis: no other unusual observation was made for the analysis.

4. Pesticides/PCB Analysis:

GC column used: 30 m x 0.53 mm id (0.5 um film thickness) CLPPest and 30 m x 0.53 mm id (0.42 um film thickness) CLPPestII megabore columns

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

5. Metals Analysis:

Mercury was analyzed using a Perkin Elmer Model 100 FIMS cold vapor atomic absorption analyzer. The other elements were analyzed using either a Perkin Elmer Model 3100XL Optima or a Perkin Elmer Model 4300DV ICAP.

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on sample SB-RB-W-R. Spike recoveries were within the QC limits with the exception of lead. Lead is flagged with a "N" on the data report forms. A post digest spike was performed for lead.

Matrix duplicate: matrix duplicate was performed on sample SB-RB-W-R. Replicate RPDs were within the QC limits with the exception of iron. Iron is flagged with an "*" on the data report forms.

Sample analysis: serial dilution was performed on sample SB-RB-W-R. Replicate RPDs within the QC. No other unusual observation was made for the analysis.

6. Cyanide Analysis:

The cyanide samples were prepared using minidistill apparatus by Kontes. The resultant distillates were analyzed using a Lachat QuikChem 8000 autoanalyzer.

Lab control sample: spike recovery was within the QC limits.

Matrix spike: matrix spike was performed on sample SB-RB-W-R. Spike recovery was within the QC limits.

Matrix duplicate: matrix duplicate was performed on sample SB-RB-W-R. Replicate RPD was within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

7. Wet Chemistry Analyses:

Lab control sample: spike recovery was within the QC limits for nitrate-nitrite, total organic carbon, ammonia and TKN.

Sample analysis: TKN was detected in the method blank above the PQL. The concentration of TKN in the associated samples will be qualified with a "B". No other unusual observation was made for the analysis.

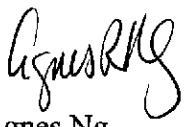
8. BOD and Phenol Analyses:

The BOD analyses were subcontracted to RI Analytical Laboratories of Warwick, RI. The RIAL report is submitted following the wet chemistry data.

Phenols were performed by sub-contract laboratory, STL Connecticut of Shelton, CT. The entire STL Connecticut report, including any notes on these analyses, is included following the Last Page of the Mitkem data report. The STL report is paginated separately from the Mitkem data report.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.



Agnes Ng
CLP Project Manager
10/05/05

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: D1004

Client Name: Ecology and Environm

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
D1004-01A	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-01B	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-01C	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-01D	SB-RB-W-R	OTMI-SB-RB-W-R
D1004-02A	MW12-W-O	OTMI-MW12-W-O-0805
D1004-02B	MW12-W-O	OTMI-MW12-W-O-0805
D1004-03A	MW12-W-O-0805	OTMI-MW12-W-O-0805
D1004-03B	MW12-W-O-0805	OTMI-MW12-W-O-0805
D1004-03C	MW12-W-O-0805	OTMI-MW12-W-O-0805

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

00006

Mitkem Corporation

12/Sep/05 11:25

WorkOrder: D1004

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/16/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D1004-01A	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	OLM4.2_VOA_W	OLM, NYS-Add LCS	☐	☐	☐	VOA
D1004-01B	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	ILM5.3_CN_W		☐	☐	☐	B2
D1004-01C	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	OLM4.2_PP_W	OLM, NYS-Add LCS	☐	☐	☐	B2
					OLM4.2_SVOA_W	OLM, NYS-Add LCS	☐	☐	☐	B2
D1004-01D	SB-RB-W-R	08/24/05 8:15	08/25/05	Aqueous	ILM5.3_HG_W	ILM5.3 plus boron	☐	☐	☐	M1
					ILM5.3_ICP_W	ILM5.3 plus boron	☐	☐	☑	M1
D1004-02A	MW12-W-O	08/24/05 7:45	08/25/05	Aqueous	ILM5.3_CN_W		☐	☐	☐	B2
D1004-02B	MW12-W-O	08/24/05 7:45	08/25/05	Aqueous	OLM4.2_PP_W	OLM, NYS-Add LCS	☐	☐	☐	B2
					OLM4.2_SVOA_W	OLM, NYS-Add LCS	☐	☐	☐	B2
D1004-03A	MW12-W-O-0805	08/25/05 7:35	08/26/05	Aqueous	E353.2_NO2NO3		☐	☐	☐	E2
					SM4500_NH3_W		☐	☐	☐	E2
					SM4500_TKN_W		☐	☐	☐	E2

Client Rep: Benjamin F Dodge

Client ID: ENE
Project: Old Troy Landfill
Location:
Comments: N/A

Case:
SDG:
PO: TN 000699.NV26.02

Report Level: ASP-B
EDD: ADAPT
HC Due: 09/16/05
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Iold	MS	SEL	Storage
D1004-03B	MW12-W-O-0805	08/25/05 7:35	08/26/05	Aqueous	E405.1_5		☐	☐	☐	SUB
D1004-03C	MW12-W-O-0805	08/25/05 7:35	08/26/05	Aqueous	E420.1		☐	☐	☐	SUB

Client Rep: Benjamin F Dodge

80000

Sample Transmittal Documentation

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO		
COMPANY Ecology & Environment	PHONE 716 684 8060	COMPANY Same	PHONE	LAB PROJECT #: D1004 ~~D04003~~ am 8/31/05
NAME Jon Nickerson	FAX 716 684 0844	NAME	FAX	
ADDRESS 368 Pleasantview Dr		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Lancaster, NY 14086		CITY/ST/ZIP		

CLIENT PROJECT NAME: Old Troy Munic Incin

CLIENT PROJECT #: 699NV26.02

CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID (BFD 8-25-05)	# OF CONTAINERS	REQUESTED ANALYSES: TCL VOCs	Cyanide	Pesticides	PCBs	SVOCs	TAL Metals	Hg	TCL SVOCs	PCBs	Pesticides	TAL Metals	Hg	Cyanide	COMMENTS
OTMI-SB-RB-W-R	8/24/05 0815		✓	✓			-06-01	7	2	1	1	2	1									
OTMI-MW12-W-D-0805	8/24/05 0745		✓	✓			-07-02	4		1	1	2										
OTMI-MWB5-S1-0	8/24/05 1209						-08	5	3					1	1							Depth: 3.7-4.8' bgs
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					

8/24/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/24/05 1430		8-25-05 8:40	FedEx 8468 2885 2730	4°C
		/		/		
		/		/		

0001

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO			INVOICE TO		
COMPANY Ecology & Environment	PHONE 716 684 8060		COMPANY Same	PHONE	LAB PROJECT #: D1004
NAME Jan Nickerson	FAX 716 684 0844		NAME	FAX	
ADDRESS 368 Pleasantview Dr			ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Lancaster NY 14086			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Old Troy Munic. Incin.	689.NV26.02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID (D1004 -)	# OF CONTAINERS	TCL VOCs	TCL SVOCs	PCBs	Pesticides	TAL Metals	Mercury	Cyanide	TKN	Nitrogen (Ammonia)	BOD	Phenols	COMMENTS
OTM1-MW12-W-0-005	8/25/05 0735		✓	✓			-03	3								1	1	1		
OTM1-MWB1-S1-0	8/25/05 0829		✓		✓			5	3	1	1									

8/25/05

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		8/25/05 1500		8-26-05 8:50	FedEx 8468 2885 0751	5°C ICE
		/		/		
		/		/		

8001

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

MITKEM CORPORATION
Sample Condition Form

Page 1 of 1

am 8/31/05

Received By: BFD | Reviewed By: JH | Date 8-25-05 | MITKEM Project #: ~~D1003~~ D1004

Client Project: OH Troy | Client: ENE

Cooler Sealed (Yes / No)

1) Custody Seal(s) (Present / Absent) Coolers / Bottles Intact / Broken

2) Custody Seal Number(s) NA

3) Chain-of-Custody (Present / Absent)

4) Cooler Temperature 4°C

Coolant Condition ICE

5) Airbill(s) (Present / Absent)

Airbill Number(s) 8488 2885 2730

6) Sample Bottles (Intact/Broken/Leakin)

7) Date Received 8-25-05

8) Time Received 8:40

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
D1003	-01	<2			7/12		
↓	-02				7/12		

VOA Matrix Key:

US = Unpreserved Soil **A** = Air

UA = Unpreserved Aqueo **H** = HCl

M/N= MeOH & $NaHSO_4$ **E** = Encore

N = $NaHSO_4$ **M** =MeOH

See Sample Condition Notification/Corrective Action Form yes (no)

Rad OK yes/ no

00012

Form ID: SampleCond.Form-11/04

MITKEM CORPORATION
Sample Condition Form

Page 1 of 1

D1004

Received By: BFD | Reviewed By: JJ | Date 8/26/05 | MITKEM Project #: ~~D0486~~

Client Project: OLJ Trey | Client: ERE

Cooler Sealed (Yes) / No

1) Custody Seal(s) (Present) / Absent
Coolers / Bottles
Intact / Broken

2) Custody Seal Number(s) NA

3) Chain-of-Custody (Present) / Absent

4) Cooler Temperature 5°C
Coolant Condition ICE

5) Airbill(s) (Present) / Absent
Airbill Number(s)
846828852751

6) Sample Bottles (Intact) / Broken/Leakin

7) Date Received 8-26-05

8) Time Received 8:50

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	Preservation (pH) H_2SO_4	Preservation (pH) HCl	Preservation (pH) NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
D1004	-03		<2				

VOA Matrix Key:
US = Unpreserved Soil **A** = Air
UA = Unpreserved Aqueo **H** = HCl
M/N= MeOH & $NaHSO_4$ **E** = Encore
N = $NaHSO_4$ **M** =MeOH

See Sample Condition Notification/Corrective Action Form yes / (no)

Rad OK yes/ no

00013

Form ID: SampleCond.Form-11/04

Bill To:

INVOICE

Ecology and Environment
Attn: REBECCA HUMPHREY
368 Pleasantview Drive
Lancaster, NY 14086

Number:
**D1004
Date:

Client Rep:	Rebecca Humphrey	Project No:	
Work Order:	D1004	Project Name:	Old Troy Landfill
PO Number:	TN 000699.NV26.02	Case No:	
Date Received:	08/26/2005	SDG No:	

Test	Remarks	Matrix	Qty	Price	Test Total
E353.2_NO2NO3		Aqueous	1	$12.00	$12.00
E405.1_5		Aqueous	1	$20.00	$20.00
E420.1		Aqueous	1	$15.00	$15.00
ILM5.3_CN_W		Aqueous	2	$20.00	$40.00
ILM5.3_INORGANICS_W	ILM5.3	Aqueous	1	$80.00	$80.00
OLM4.2_PP_W		Aqueous	2	$110.00	$220.00
OLM4.2_SVOA_W		Aqueous	2	$155.00	$310.00
OLM4.2_VOA_W		Aqueous	1	$70.00	$70.00
SM4500_NH3_W		Aqueous	1	$12.00	$12.00
SM4500_TKN_W		Aqueous	1	$15.00	$15.00

Subtotal:	**$794.00**
Discount:	0.00%
Surcharge:	0.00%
Misc Charges:	$0.00
Payment Received:	$0.00
INVOICE Total:	**$794.00**

All invoices are due and payable net 30 days from receipt.

Mitkem Project Manager: Benjamin F Dodge

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	VBLK6Y	98	92	89		0
02	V6YLCS	109	100	98		0
03	SB-RB-W-R	108	108	96		0
04	VHBLK6Y	106	105	95		0
05						
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30						

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(88-110)
SMC2 (BFB) = Bromofluorobenzene	(86-115)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1004

Matrix Spike - Sample No.: V6YLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50		44	88	61-145
Benzene	50		45	90	76-127
Trichloroethene	50		47	94	71-120
Toluene	50		49	98	76-125
Chlorobenzene	50		50	100	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: V6D8022 Lab Sample ID: MB-19680

Date Analyzed: 08/26/05 Time Analyzed: 1048

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6YLCS	LCS-19680	V6D8023	1134
02	SB-RB-W-R	D1004-01A	V6D8027	1336
03	VHBLK6Y	VHBLK6Y	V6D8036	1758
04				
05				
06				
07				
08				
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COMMENTS: _____

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: V6D7990 BFB Injection Date: 08/25/05

Instrument ID: V6 BFB Injection Time: 1020

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	21.0
75	30.0 - 66.0% of mass 95	53.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.6 (0.7)1
174	50.0 - 120.0% of mass 95	85.3
175	4.0 - 9.0% of mass 174	6.0 (7.0)1
176	93.0 - 101.0% of mass 174	84.1 (98.6)1
177	5.0 - 9.0% of mass 176	5.3 (6.3)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0506X	VSTD0506X	V6D7991	08/25/05	1045
02	VSTD0106X	VSTD0106X	V6D7993	08/25/05	1157
03	VSTD1006X	VSTD1006X	V6D7994	08/25/05	1228
04	VSTD2006X	VSTD2006X	V6D7995	08/25/05	1303
05	VSTD0206X	VSTD0206X	V6D7996	08/25/05	1334
06					
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5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: V6D8020 BFB Injection Date: 08/26/05

Instrument ID: V6 BFB Injection Time: 0947

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.8
75	30.0 - 66.0% of mass 95	55.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.5 (0.6)1
174	50.0 - 120.0% of mass 95	81.6
175	4.0 - 9.0% of mass 174	6.1 (7.4)1
176	93.0 - 101.0% of mass 174	79.2 (97.1)1
177	5.0 - 9.0% of mass 176	5.0 (6.3)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0506Y	VSTD0506Y	V6D8021	08/26/05	1010
02	VBLK6Y	MB-19680	V6D8022	08/26/05	1048
03	V6YLCS	LCS-19680	V6D8023	08/26/05	1134
04	SB-RB-W-R	D1004-01A	V6D8027	08/26/05	1336
05	VHBLK6Y	VHBLK6Y	V6D8036	08/26/05	1758
06					
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22					

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

EPA Sample No. (VSTD050##): VSTD0506Y Date Analyzed: 08/26/05

Lab File ID (Standard): V6D8021 Time Analyzed: 1010

Instrument ID: V6 Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	303314	4.71	1715816	5.79	1689863	9.28
	UPPER LIMIT	606628	5.21	3431632	6.29	3379726	9.78
	LOWER LIMIT	151657	4.21	857908	5.29	844932	8.78
	EPA SAMPLE						
01	VBLK6Y	313245	4.71	1739133	5.79	1670004	9.29
02	V6YLCS	275446	4.71	1567130	5.79	1503588	9.29
03	SB-RB-W-R	257266	4.71	1475679	5.80	1413121	9.29
04	VHBLK6Y	225139	4.71	1264005	5.79	1223366	9.29
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22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

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

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8027

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8027

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

SB-RB-W-R

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8027

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
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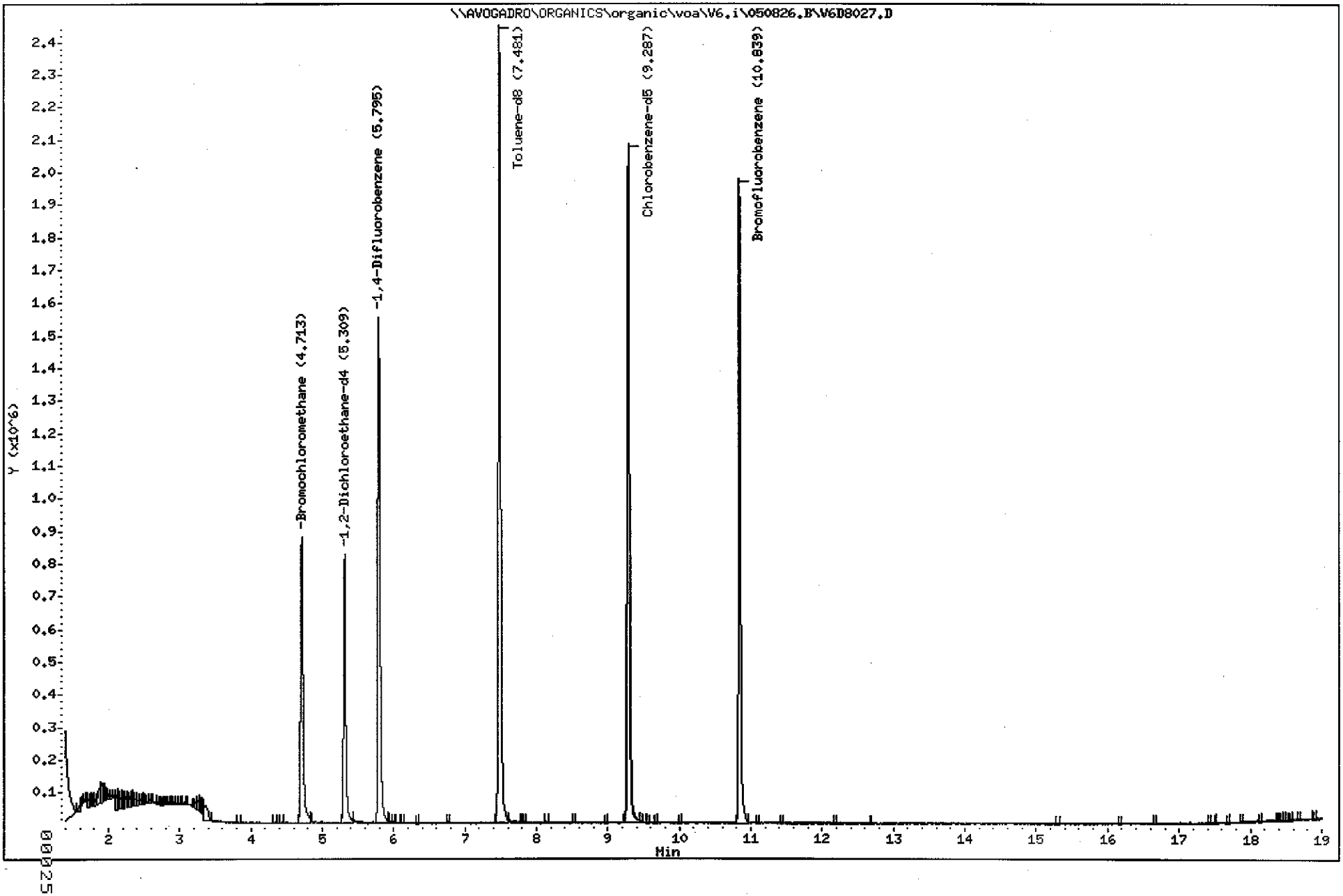
Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8027.D
Date : 26-AUG-2005 13:36
Client ID: SB-RB-W-R
Instrument: V6.i
Sample Info: 5ml,D1004-01A,,19680
Purge Volume: 5.0
Operator: SB SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8027.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8027.D
Lab Smp Id: D1004-01A Client Smp ID: SB-RB-W-R
Inj Date : 26-AUG-2005 13:36
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : 5ml,D1004-01A,,19680
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m ✓
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D ✓
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 18 Bromochloromethane	128	4.713	4.708	(1.000)	257266	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.309	5.304	(1.127)	719841	48.0159	48
* 26 1,4-Difluorobenzene	114	5.795	5.791	(1.000)	1475679	50.0000	
$ 33 Toluene-d8	98	7.481	7.482	(0.805)	1922048	53.8620	54
* 42 Chlorobenzene-d5	117	9.287	9.283	(1.000)	1413121	50.0000	
$ 50 Bromofluorobenzene	95	10.839	10.840	(1.167)	742809	53.8847	54

YD 9/14/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8027.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8027.D
Lab Smp Id: D1004-01A Client Smp ID: SB-RB-W-R
Inj Date : 26-AUG-2005 13:36
Operator : SB SRC: LIMS Inst ID: V6.i
Smp Info : 5ml,D1004-01A,,19680
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: V6 Calibration Date(s): 08/25/05 08/25/05

Heated Purge: (Y/N) N Calibration Times: 1045 1334

GC Column: DB-624 ID: 0.25 (mm)

LAB FILE ID: RRF10 = V6D7993 RRF20 = V6D7996
RRF50 = V6D7991 RRF100= V6D7994 RRF200= V6D7995

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.273	2.191	2.294	2.516	2.531	2.361	6.5
Chloromethane		3.585	3.865	3.648	3.862	3.858	3.764	3.6
Vinyl Chloride	*	4.829	4.917	4.529	5.147	5.064	4.897	4.9*
Bromomethane	*	3.519	3.869	3.451	4.108	3.710	3.731	7.2*
Chloroethane		2.788	2.820	2.481	2.809	2.535	2.687	6.1
Trichlorofluoromethane		5.209	6.334	5.295	7.552	7.738	6.426	18.7
1,1-Dichloroethene	*	4.876	5.376	5.162	5.699	5.900	5.403	7.6*
1,1,2-Trichloro-1,2,2-trifluoroethane		4.501	4.727	4.749	5.391	5.370	4.948	8.2
Acetone		1.820	1.708	1.687	1.664	1.581	1.692	5.1
Carbon Disulfide		13.193	14.261	13.194	15.068	14.918	14.127	6.4
Methyl Acetate		2.411	2.266	2.069	2.260	2.176	2.236	5.6
Methylene Chloride		5.139	5.160	4.620	4.995	5.013	4.985	4.4
trans-1,2-Dichloroethene		2.138	2.244	2.186	2.609	3.027	2.441	15.4
Methyl tert-Butyl Ether		6.290	6.705	6.322	7.214	7.696	6.845	8.8
1,1-Dichloroethane	*	3.800	3.848	3.780	4.073	4.196	3.939	4.7*
cis-1,2-Dichloroethene		2.034	2.126	2.075	2.247	2.488	2.194	8.3
2-Butanone		1.535	1.498	1.440	1.501	1.616	1.518	4.3
Chloroform	*	3.812	3.852	3.817	3.983	4.206	3.934	4.2*
1,1,1-Trichloroethane	*	0.502	0.542	0.514	0.561	0.589	0.542	6.5*
Cyclohexane		0.577	0.611	0.622	0.703	0.774	0.657	12.2
Carbon Tetrachloride	*	0.457	0.468	0.485	0.538	0.598	0.509	11.5*
Benzene	*	1.383	1.472	1.398	1.546	1.622	1.484	6.8*
1,2-Dichloroethane	*	3.338	3.499	3.429	3.778	4.022	3.613	7.8*
Trichloroethene	*	0.363	0.383	0.369	0.403	0.469	0.397	10.8*
Methylcyclohexane		0.540	0.578	0.594	0.736	0.856	0.661	20.0

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: V6 Calibration Date(s): 08/25/05 08/25/05

Heated Purge: (Y/N) N Calibration Times: 1045 1334

GC Column: DB-624 ID: 0.25(mm)

LAB FILE ID: RRF10 = V6D7993 RRF20 = V6D7996
RRF50 = V6D7991 RRF100= V6D7994 RRF200= V6D7995

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
1,2-Dichloropropane		0.387	0.411	0.395	0.448	0.520	0.432	12.6	
Bromodichloromethane	*	0.439	0.463	0.475	0.508	0.555	0.488	9.3*	
cis-1,3-Dichloropropene	*	0.541	0.580	0.579	0.609	0.659	0.594	7.4*	
4-Methyl-2-Pentanone		0.434	0.460	0.417	0.421	0.429	0.432	4.0	
Toluene	*	1.508	1.601	1.484	1.626	1.535	1.551	3.9*	
trans-1,3-Dichloropropene	*	0.560	0.567	0.578	0.604	0.653	0.592	6.4*	
1,1,2-Trichloroethane	*	0.327	0.339	0.326	0.342	0.388	0.344	7.4*	
Tetrachloroethene	*	0.297	0.317	0.317	0.361	0.411	0.341	13.5*	
2-Hexanone		0.349	0.407	0.361	0.362	0.376	0.371	6.1	
Dibromochloromethane	*	0.298	0.322	0.348	0.375	0.443	0.357	15.7*	
1,2-Dibromoethane		0.380	0.402	0.377	0.406	0.427	0.398	5.1	
Chlorobenzene	*	1.030	1.102	1.033	1.124	1.179	1.094	5.8*	
Ethylbenzene	*	0.512	0.546	0.538	0.614	0.704	0.583	13.3*	
Xylene (Total)	*	0.635	0.686	0.673	0.809	0.975	0.756	18.4*	
Styrene	*	0.815	0.883	0.866	1.001	1.164	0.946	14.8*	
Bromoform	*	0.185	0.208	0.230	0.250	0.319	0.238	21.5*	<-
Isopropylbenzene		1.571	1.675	1.651	1.824	1.671	1.678	5.5	
1,1,2,2-Tetrachloroethane	*	0.508	0.525	0.494	0.524	0.552	0.521	4.2*	
1,3-Dichlorobenzene	*	0.777	0.857	0.894	0.965	1.101	0.919	13.3*	
1,4-Dichlorobenzene	*	0.761	0.878	0.914	0.999	1.128	0.936	14.7*	
1,2-Dichlorobenzene	*	0.729	0.836	0.856	0.931	1.054	0.881	13.7*	
1,2-Dibromo-3-chloropropane		0.074	0.080	0.091	0.086	0.097	0.086	10.5	
1,2,4-Trichlorobenzene	*	0.270	0.412	0.504	0.479	0.711	0.475	33.7*	<-
Toluene-d8		0.865	1.217	1.258	1.387	1.366	1.219	17.3	
Bromofluorobenzene	*	0.354	0.463	0.510	0.531	0.611	0.494	19.2*	
1,2-Dichloroethane-d4		2.245	2.667	2.914	2.988	3.182	2.799	12.9	

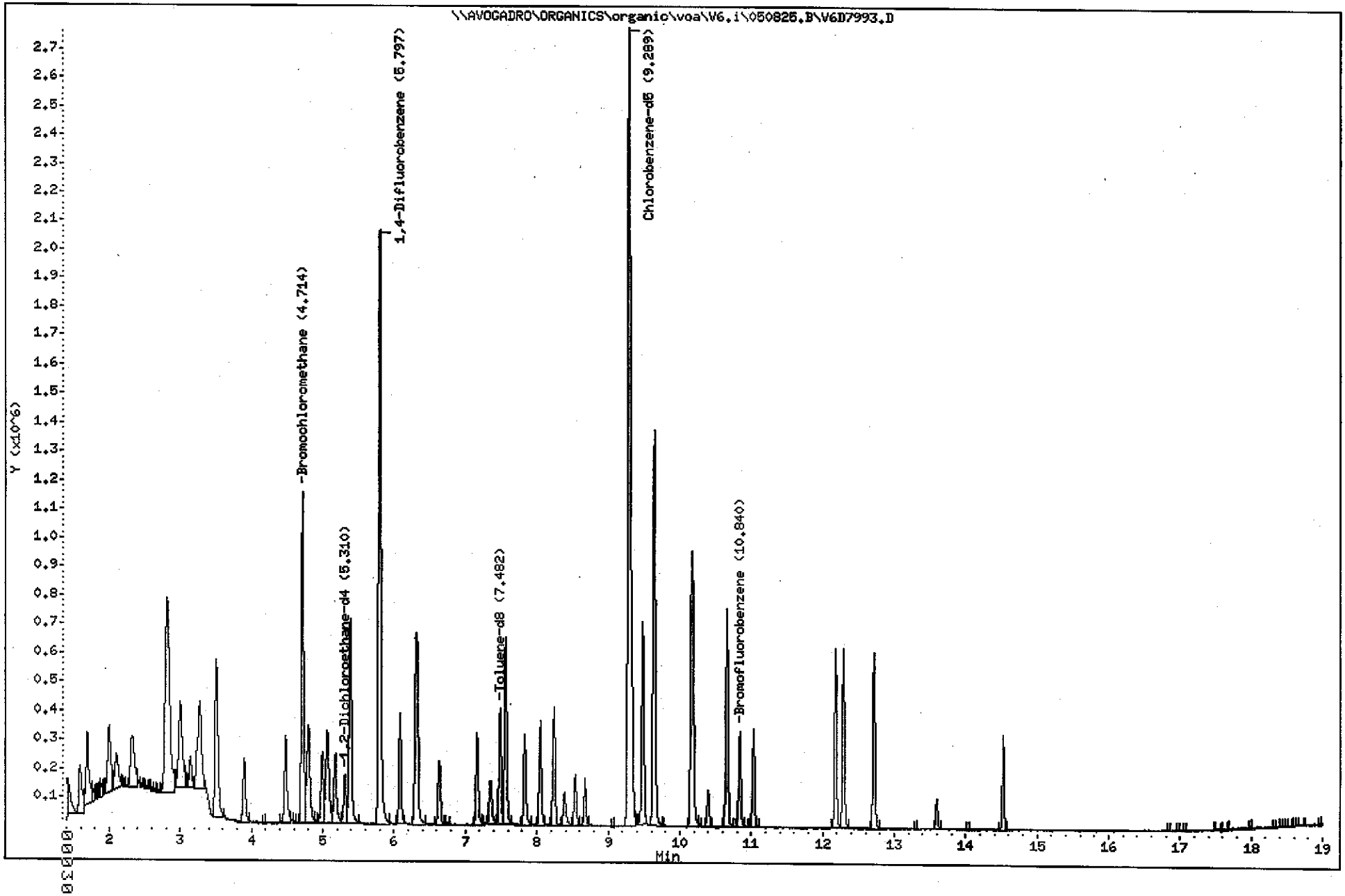
* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7993.D
Date : 25-AUG-2005 11:57
Client ID: VSTD0106X
Sample Info: 5ml,VSTD0106X,VSTD0106X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V6.i

Operator: SB SRC: SB
Column diameter: 0.25

COPY
Original Documents Are Included in CSF_____
Signed:_____ Date:_____



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7993.D
Report Date: 26-Aug-2005 10:18

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7993.D
Lab Smp Id: VSTD0106X Client Smp ID: VSTD0106X
Inj Date : 25-AUG-2005 11:57
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VSTD0106X,VSTD0106X
Misc Info : ,1,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\v6clp4s.m
Meth Date : 25-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 10:45 Cal File: V6D7991.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.435	1.427	(0.304)	160738	10.0000	10
2	Chloromethane	50	1.581	1.585	(0.335)	253551	10.0000	10
3	Vinyl Chloride	62	1.685	1.683	(0.357)	341552	10.0000	10
4	Bromomethane	94	1.995	1.993	(0.423)	248860	10.0000	10
5	Chloroethane	64	2.098	2.096	(0.445)	197186	10.0000	11
6	Trichlorofluoromethane	101	2.323	2.321	(0.493)	368377	10.0000	10
7	1,1-Dichloroethene	96	2.804	2.796	(0.595)	344855	10.0000	10
8	1,1,2-Trichloro-1,2,2-trifluo	101	2.816	2.814	(0.597)	318347	10.0000	10
9	Acetone	43	2.822	2.814	(0.599)	128719	10.0000	10
10	Carbon Disulfide	76	2.999	2.997	(0.636)	933017	10.0000	10
11	Methyl Acetate	43	3.145	3.136	(0.667)	170511	10.0000	11
12	Methylene Chloride	84	3.272	3.264	(0.694)	363428	10.0000	11
13	trans-1,2-Dichloroethene	96	3.491	3.489	(0.741)	151229	10.0000	10
14	Methyl tert-Butyl Ether	73	3.510	3.502	(0.744)	444824	10.0000	10
15	1,1-Dichloroethane	63	3.899	3.891	(0.827)	268752	10.0000	10
17	cis-i,2-Dichloroethene	96	4.477	4.469	(0.950)	143826	10.0000	10

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7993.D
Report Date: 26-Aug-2005 10:18

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16	2-Butanone	43	4.489	4.481	(0.952)	108526	10.0000	10
*	18	Bromochloromethane	128	4.714	4.706	(1.000)	353614	50.0000	
	19	Chloroform	83	4.799	4.797	(1.018)	269602	10.0000	10
	20	1,1,1-Trichloroethane	97	4.994	4.986	(0.861)	196535	10.0000	10
	21	Cyclohexane	56	5.061	5.059	(0.873)	225762	10.0000	10
	22	Carbon Tetrachloride	117	5.170	5.168	(0.892)	178807	10.0000	10
$	23	1,2-Dichloroethane-d4	65	5.310	5.302	(1.126)	158738	10.0000	9(a)
	25	Benzene	78	5.377	5.375	(0.928)	541389	10.0000	10
	24	1,2-Dichloroethane	62	5.389	5.387	(1.143)	236094	10.0000	10
*	26	1,4-Difluorobenzene	114	5.797	5.789	(1.000)	1957532	50.0000	
	27	Trichloroethene	130	6.083	6.081	(1.049)	142093	10.0000	10
	28	Methylcyclohexane	83	6.308	6.300	(1.088)	211591	10.0000	10
	29	1,2-Dichloropropane	63	6.326	6.318	(1.091)	151701	10.0000	10
	30	Bromodichloromethane	83	6.636	6.628	(1.145)	171720	10.0000	10
	31	cis-1,3-Dichloropropene	75	7.160	7.158	(1.235)	211846	10.0000	10
	32	4-Methyl-2-Pentanone	43	7.354	7.346	(0.792)	165484	10.0000	10
$	33	Toluene-d8	98	7.482	7.480	(0.805)	329934	10.0000	8(a)
	34	Toluene	91	7.561	7.559	(0.814)	575417	10.0000	10
	35	trans-1,3-Dichloropropene	75	7.829	7.827	(1.351)	219093	10.0000	10
	36	1,1,2-Trichloroethane	97	8.048	8.046	(1.388)	128215	10.0000	10
	37	Tetrachloroethene	164	8.236	8.241	(0.887)	113189	10.0000	10
	38	2-Hexanone	43	8.383	8.374	(0.902)	132991	10.0000	10
	39	Dibromochloromethane	129	8.535	8.539	(1.472)	116743	10.0000	9(a)
	40	1,2-Dibromoethane	107	8.675	8.672	(0.934)	145094	10.0000	10
*	42	Chlorobenzene-d5	117	9.289	9.281	(1.000)	1907269	50.0000	
	43	Chlorobenzene	112	9.319	9.323	(1.003)	392911	10.0000	10
	44	Ethylbenzene	106	9.484	9.482	(1.021)	195353	10.0000	10
	45	m,p-Xylene	106	9.642	9.640	(1.038)	501264	20.0000	19
	46	o-Xylene	106	10.165	10.169	(1.094)	242249	10.0000	10
	47	Styrene	104	10.183	10.181	(1.096)	310712	10.0000	10
	48	Bromoform	173	10.402	10.400	(1.794)	72275	10.0000	9(a)
	49	Isopropylbenzene	105	10.658	10.656	(1.147)	599159	10.0000	10
$	50	Bromofluorobenzene	95	10.840	10.838	(1.167)	134870	10.0000	8(a)
	51	1,1,2,2-Tetrachloroethane	83	11.035	11.033	(1.188)	193632	10.0000	10
M	41	Xylene (Total)	106				743513	10.0000	29
	52	1,3-Dichlorobenzene	146	12.185	12.177	(1.312)	296329	10.0000	9(a)
	53	1,4-Dichlorobenzene	146	12.288	12.286	(1.323)	290177	10.0000	9(a)
	54	1,2-Dichlorobenzene	146	12.714	12.718	(1.369)	277986	10.0000	9(a)
	55	1,2-Dibromo-3-chloropropane	75	13.602	13.600	(1.464)	28056	10.0000	9(a)
	56	1,2,4-Trichlorobenzene	180	14.527	14.525	(1.564)	103021	10.0000	7(a)

QC Flag Legend

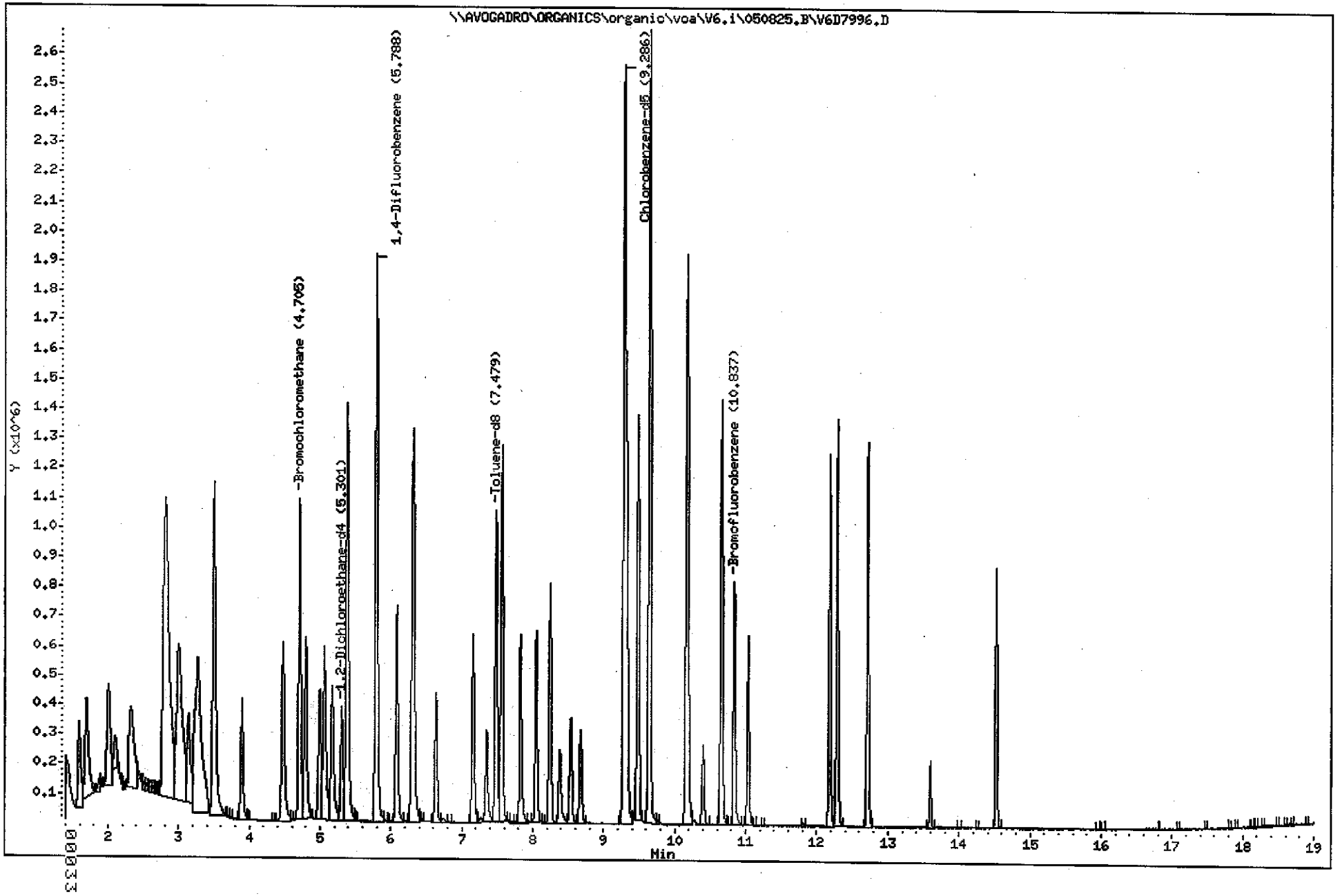
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

SB 8/26/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7996.D
Date : 25-AUG-2005 13:34
Client ID: VSTD0206X
Sample Info: 5ml,VSTD0206X,VSTD0206X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V6.i

Operator: SB SRC: SB
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7996.D
Report Date: 26-Aug-2005 10:18

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7996.D
Lab Smp Id: VSTD0206X Client Smp ID: VSTD0206X
Inj Date : 25-AUG-2005 13:34
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VSTD0206X,VSTD0206X
Misc Info : ,1,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\v6clp4s.m
Meth Date : 25-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 10:45 Cal File: V6D7991.D
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.432	1.427	(0.304)	288175	20.0000	19
2	Chloromethane	50	1.591	1.585	(0.338)	508291	20.0000	21
3	Vinyl Chloride	62	1.694	1.683	(0.360)	646618	20.0000	20
4	Bromomethane	94	1.998	1.993	(0.424)	508851	20.0000	21
5	Chloroethane	64	2.108	2.096	(0.447)	370861	20.0000	21
6	Trichlorofluoromethane	101	2.321	2.321	(0.493)	833069	20.0000	20
7	1,1-Dichloroethene	96	2.801	2.796	(0.595)	707090	20.0000	20
8	1,1,2-Trichloro-1,2,2-trifluo	101	2.807	2.814	(0.596)	621737	20.0000	19
9	Acetone	43	2.819	2.814	(0.598)	224655	20.0000	20
10	Carbon Disulfide	76	2.996	2.997	(0.636)	1875606	20.0000	20
11	Methyl Acetate	43	3.136	3.136	(0.666)	297980	20.0000	20
12	Methylene Chloride	84	3.270	3.264	(0.694)	678636	20.0000	21
13	trans-1,2-Dichloroethene	96	3.495	3.489	(0.742)	295155	20.0000	18
14	Methyl tert-Butyl Ether	73	3.507	3.502	(0.744)	881777	20.0000	20
15	1,1-Dichloroethane	63	3.890	3.891	(0.826)	506088	20.0000	20
17	cis-1,2-Dichloroethene	96	4.468	4.469	(0.948)	279647	20.0000	19

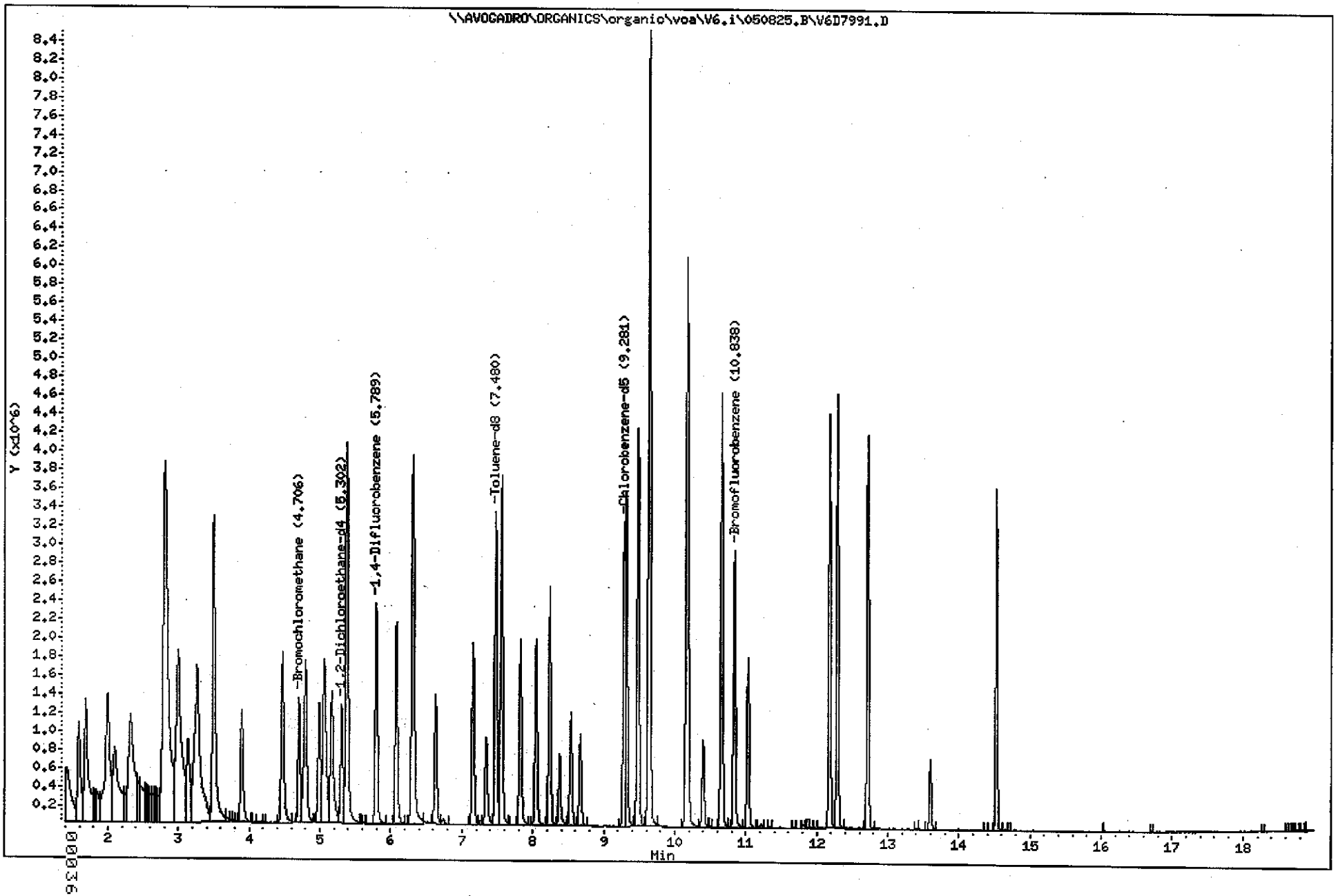
Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7996.D
Report Date: 26-Aug-2005 10:18

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16	2-Butanone	43	4.486	4.481	(0.952)	197049	20.0000	20
*	18	Bromochloromethane	128	4.711	4.706	(1.000)	328789	50.0000	
	19	Chloroform	83	4.797	4.797	(1.018)	506597	20.0000	20
	20	1,1,1-Trichloroethane	97	4.991	4.986	(0.862)	390262	20.0000	20
	21	Cyclohexane	56	5.058	5.059	(0.874)	439656	20.0000	19
	22	Carbon Tetrachloride	117	5.168	5.168	(0.893)	336405	20.0000	18
$	23	1,2-Dichloroethane-d4	65	5.301	5.302	(1.125)	350710	20.0000	19
	25	Benzene	78	5.374	5.375	(0.929)	1058973	20.0000	20
	24	1,2-Dichloroethane	62	5.387	5.387	(1.143)	460134	20.0000	19
*	26	1,4-Difluorobenzene	114	5.788	5.789	(1.000)	1798854	50.0000	
	27	Trichloroethene	130	6.080	6.081	(1.050)	275789	20.0000	19
	28	Methylcyclohexane	83	6.305	6.300	(1.089)	415721	20.0000	17
	29	1,2-Dichloropropane	63	6.317	6.318	(1.091)	295460	20.0000	19
	30	Bromodichloromethane	83	6.634	6.628	(1.146)	333067	20.0000	19
	31	cis-1,3-Dichloropropene	75	7.157	7.158	(1.236)	417419	20.0000	20
	32	4-Methyl-2-Pentanone	43	7.346	7.346	(0.791)	315123	20.0000	21
$	33	Toluene-d8	98	7.479	7.480	(0.805)	833546	20.0000	20
	34	Toluene	91	7.558	7.559	(0.814)	1096519	20.0000	21
	35	trans-1,3-Dichloropropene	75	7.826	7.827	(1.352)	408047	20.0000	19
	36	1,1,2-Trichloroethane	97	8.045	8.046	(1.390)	243724	20.0000	20
	37	Tetrachloroethene	164	8.240	8.241	(0.887)	217285	20.0000	19
	38	2-Hexanone	43	8.374	8.374	(0.902)	279001	20.0000	22
	39	Dibromochloromethane	129	8.538	8.539	(1.475)	231567	20.0000	18
	40	1,2-Dibromoethane	107	8.672	8.672	(0.934)	275333	20.0000	20
*	42	Chlorobenzene-d5	117	9.286	9.281	(1.000)	1711747	50.0000	
	43	Chlorobenzene	112	9.323	9.323	(1.004)	754276	20.0000	20
	44	Ethylbenzene	106	9.481	9.482	(1.021)	373887	20.0000	19
	45	m,p-Xylene	106	9.639	9.640	(1.038)	989504	40.0000	38
	46	o-Xylene	106	10.168	10.169	(1.095)	469723	20.0000	18
	47	Styrene	104	10.180	10.181	(1.096)	604581	20.0000	19
	48	Bromoform	173	10.399	10.400	(1.797)	149823	20.0000	17
	49	Isopropylbenzene	105	10.661	10.656	(1.148)	1146578	20.0000	20
$	50	Bromofluorobenzene	95	10.837	10.838	(1.167)	316826	20.0000	19
	51	1,1,2,2-Tetrachloroethane	83	11.032	11.033	(1.188)	359694	20.0000	20
M	41	Xylene (Total)	106				1459227	20.0000	56
	52	1,3-Dichlorobenzene	146	12.182	12.177	(1.312)	586471	20.0000	19
	53	1,4-Dichlorobenzene	146	12.285	12.286	(1.323)	601216	20.0000	19
	54	1,2-Dichlorobenzene	146	12.717	12.718	(1.369)	572480	20.0000	19
	55	1,2-Dibromo-3-chloropropane	75	13.599	13.600	(1.464)	54835	20.0000	19
	56	1,2,4-Trichlorobenzene	180	14.524	14.525	(1.564)	281943	20.0000	17

SB
8/26/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7991.D
Date : 25-AUG-2005 10:45
Client ID: VSTD0506X
Sample Info: 5ml,VSTD0506X,VSTD0506X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V6.i
Operator: SB SRC: SB
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7991.D
Report Date: 26-Aug-2005 10:18

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7991.D
Lab Smp Id: VSTD0506X Client Smp ID: VSTD0506X
Inj Date : 25-AUG-2005 10:45
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VSTD0506X,VSTD0506X
Misc Info : ,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\v6clp4s.m
Meth Date : 25-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 10:45 Cal File: V6D7991.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

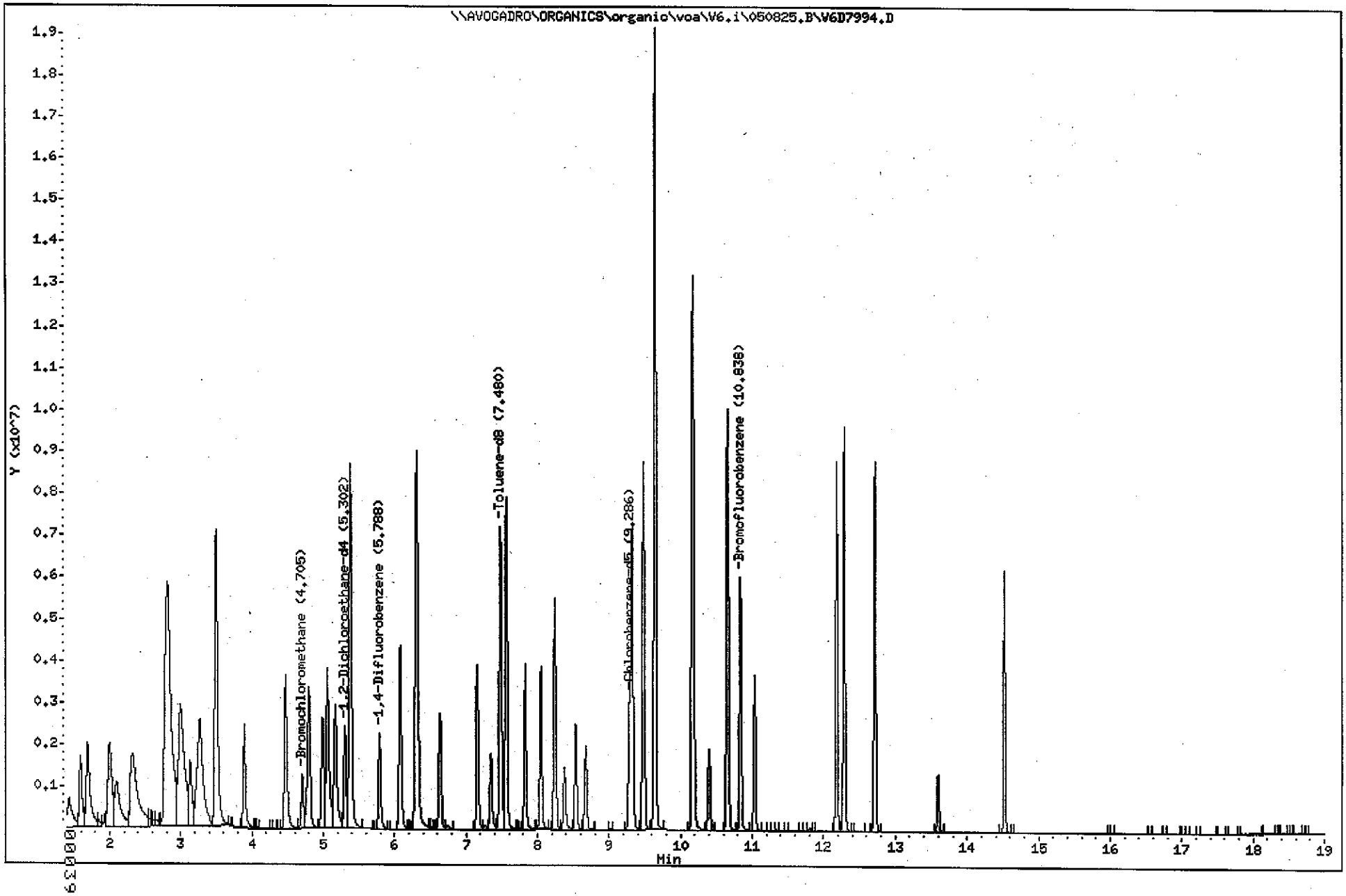
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.427	1.427	(0.303)	894919	50.0000	50
2 Chloromethane	50	1.585	1.585	(0.337)	1423529	50.0000	50
3 Vinyl Chloride	62	1.683	1.683	(0.358)	1767093	50.0000	50
4 Bromomethane	94	1.993	1.993	(0.423)	1346483	50.0000	50
5 Chloroethane	64	2.096	2.096	(0.445)	968153	50.0000	50
6 Trichlorofluoromethane	101	2.321	2.321	(0.493)	2065914	50.0000	50
7 1,1-Dichloroethene	96	2.796	2.796	(0.594)	2013918	50.0000	50
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.814	2.814	(0.598)	1853154	50.0000	50
9 Acetone	43	2.814	2.814	(0.598)	658425	50.0000	50
10 Carbon Disulfide	76	2.997	2.997	(0.637)	5148054	50.0000	50
11 Methyl Acetate	43	3.136	3.136	(0.666)	807254	50.0000	50
12 Methylene Chloride	84	3.264	3.264	(0.694)	1802664	50.0000	50
13 trans-1,2-Dichloroethene	96	3.489	3.489	(0.741)	853084	50.0000	50
14 Methyl tert-Butyl Ether	73	3.502	3.502	(0.744)	2466702	50.0000	50
15 1,1-Dichloroethane	63	3.891	3.891	(0.827)	1474761	50.0000	50
17 cis-1,2-Dichloroethene	96	4.469	4.469	(0.950)	809479	50.0000	50

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7991.D
Report Date: 26-Aug-2005 10:18

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16	2-Butanone	43	4.481	4.481	(0.952)	561691	50.0000	50
*	18	Bromochloromethane	128	4.706	4.706	(1.000)	390179	50.0000	
	19	Chloroform	83	4.797	4.797	(1.019)	1489401	50.0000	50
	20	1,1,1-Trichloroethane	97	4.986	4.986	(0.861)	1139261	50.0000	50
	21	Cyclohexane	56	5.059	5.059	(0.874)	1378831	50.0000	50
	22	Carbon Tetrachloride	117	5.168	5.168	(0.893)	1076205	50.0000	50
$	23	1,2-Dichloroethane-d4	65	5.302	5.302	(1.127)	1136889	50.0000	50
	25	Benzene	78	5.375	5.375	(0.929)	3100072	50.0000	50
	24	1,2-Dichloroethane	62	5.387	5.387	(1.145)	1337834	50.0000	50
*	26	1,4-Difluorobenzene	114	5.789	5.789	(1.000)	2217994	50.0000	
	27	Trichloroethene	130	6.081	6.081	(1.050)	817508	50.0000	50
	28	Methylcyclohexane	83	6.300	6.300	(1.088)	1317625	50.0000	50
	29	1,2-Dichloropropane	63	6.318	6.318	(1.091)	875522	50.0000	50
	30	Bromodichloromethane	83	6.628	6.628	(1.145)	1054020	50.0000	50
	31	cis-1,3-Dichloropropene	75	7.158	7.158	(1.236)	1284684	50.0000	50
	32	4-Methyl-2-Pentanone	43	7.346	7.346	(0.792)	899280	50.0000	50
$	33	Toluene-d8	98	7.480	7.480	(0.806)	2714974	50.0000	50
	34	Toluene	91	7.559	7.559	(0.814)	3202175	50.0000	50
	35	trans-1,3-Dichloropropene	75	7.827	7.827	(1.352)	1282261	50.0000	50
	36	1,1,2-Trichloroethane	97	8.046	8.046	(1.390)	722135	50.0000	50
	37	Tetrachloroethene	164	8.241	8.241	(0.888)	682929	50.0000	50
	38	2-Hexanone	43	8.374	8.374	(0.902)	778088	50.0000	50
	39	Dibromochloromethane	129	8.539	8.539	(1.475)	772250	50.0000	50
	40	1,2-Dibromoethane	107	8.672	8.672	(0.934)	813093	50.0000	50
*	42	Chlorobenzene-d5	117	9.281	9.281	(1.000)	2157389	50.0000	
	43	Chlorobenzene	112	9.323	9.323	(1.005)	2228948	50.0000	50
	44	Ethylbenzene	106	9.482	9.482	(1.022)	1159996	50.0000	50
	45	m,p-Xylene	106	9.640	9.640	(1.039)	3098468	100.000	100
	46	o-Xylene	106	10.169	10.169	(1.096)	1452684	50.0000	50
	47	Styrene	104	10.181	10.181	(1.097)	1868158	50.0000	50
	48	Bromoform	173	10.400	10.400	(1.797)	509235	50.0000	50
	49	Isopropylbenzene	105	10.656	10.656	(1.148)	3560860	50.0000	50
$	50	Bromofluorobenzene	95	10.838	10.838	(1.168)	1100899	50.0000	50
	51	1,1,2,2-Tetrachloroethane	83	11.033	11.033	(1.189)	1064921	50.0000	50
M	41	Xylene (Total)	106				4551152	50.0000	150
	52	1,3-Dichlorobenzene	146	12.177	12.177	(1.312)	1927862	50.0000	50
	53	1,4-Dichlorobenzene	146	12.286	12.286	(1.324)	1972484	50.0000	50
	54	1,2-Dichlorobenzene	146	12.718	12.718	(1.370)	1845726	50.0000	50
	55	1,2-Dibromo-3-chloropropane	75	13.600	13.600	(1.465)	195384	50.0000	50
	56	1,2,4-Trichlorobenzene	180	14.525	14.525	(1.565)	1087942	50.0000	50

SB
8/26/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7994.D
Date : 25-AUG-2005 12:28
Client ID: VSTD1006X
Instrument: V6.i
Sample Info: 5ml,VSTD1006X,VSTD1006X
Purge Volume: 5.0
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7994.D
Report Date: 26-Aug-2005 10:18

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7994.D
Lab Smp Id: VSTD1006X Client Smp ID: VSTD1006X
Inj Date : 25-AUG-2005 12:28
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VSTD1006X,VSTD1006X
Misc Info : ,1,4
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\v6clp4s.m
Meth Date : 25-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 10:45 Cal File: V6D7991.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

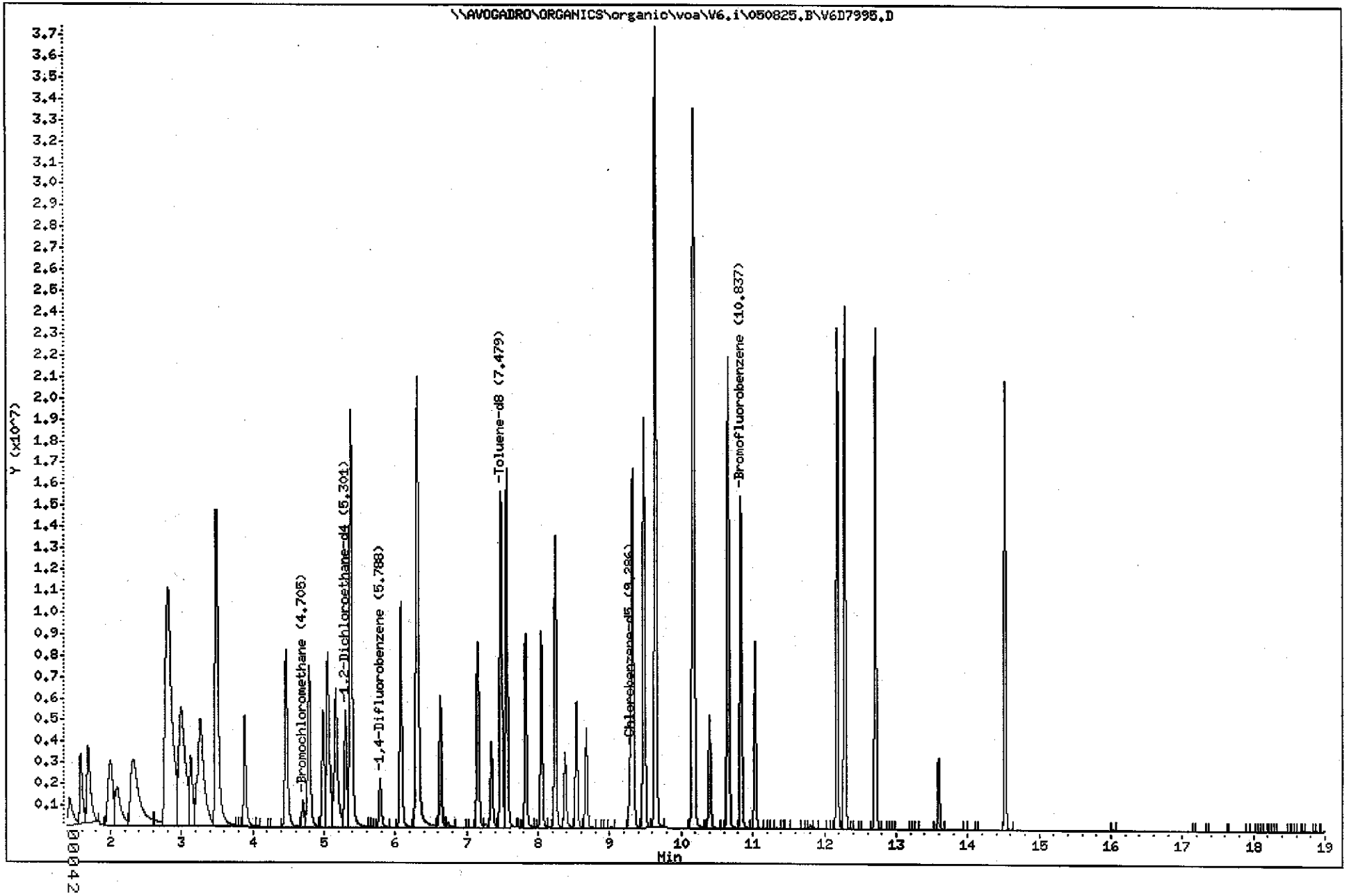
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.433	1.427	(0.304)	1819529	100.000	110
2	Chloromethane	50	1.585	1.585	(0.336)	2793676	100.000	100
3	Vinyl Chloride	62	1.688	1.683	(0.358)	3723266	100.000	110
4	Bromomethane	94	1.992	1.993	(0.423)	2971671	100.000	110
5	Chloroethane	64	2.102	2.096	(0.446)	2032043	100.000	100
6	Trichlorofluoromethane	101	2.321	2.321	(0.493)	5462727	100.000	130
7	1,1-Dichloroethene	96	2.801	2.796	(0.595)	4122055	100.000	110
8	1,1,2-Trichloro-1,2,2-trifluo	101	2.801	2.814	(0.595)	3899512	100.000	110
9	Acetone	43	2.813	2.814	(0.597)	1203712	100.000	97
10	Carbon Disulfide	76	2.996	2.997	(0.636)	10899097	100.000	110
11	Methyl Acetate	43	3.130	3.136	(0.664)	1634868	100.000	100
12	Methylene Chloride	84	3.270	3.264	(0.694)	3612894	100.000	100
13	trans-1,2-Dichloroethene	96	3.489	3.489	(0.740)	1886984	100.000	110
14	Methyl tert-Butyl Ether	73	3.501	3.502	(0.743)	5218266	100.000	110
15	1,1-Dichloroethane	63	3.890	3.891	(0.826)	2945748	100.000	100
17	cis-1,2-Dichloroethene	96	4.468	4.469	(0.948)	1625459	100.000	110

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7994.D
Report Date: 26-Aug-2005 10:18

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16	2-Butanone	43	4.487	4.481	(0.952)	1085690	100.000	100
*	18	Bromochloromethane	128	4.712	4.706	(1.000)	361661	50.0000	
	19	Chloroform	83	4.797	4.797	(1.018)	2881111	100.000	100
	20	1,1,1-Trichloroethane	97	4.985	4.986	(0.861)	2307532	100.000	110
	21	Cyclohexane	56	5.058	5.059	(0.874)	2887985	100.000	110
	22	Carbon Tetrachloride	117	5.168	5.168	(0.893)	2209912	100.000	110
$	23	1,2-Dichloroethane-d4	65	5.308	5.302	(1.127)	2161105	100.000	110
	25	Benzene	78	5.375	5.375	(0.929)	6356198	100.000	110
	24	1,2-Dichloroethane	62	5.387	5.387	(1.143)	2732736	100.000	110
*	26	1,4-Difluorobenzene	114	5.788	5.789	(1.000)	2055482	50.0000	
	27	Trichloroethene	130	6.080	6.081	(1.050)	1656957	100.000	110
	28	Methylcyclohexane	83	6.299	6.300	(1.088)	3024495	100.000	120
	29	1,2-Dichloropropane	63	6.311	6.318	(1.090)	1839779	100.000	110
	30	Bromodichloromethane	83	6.634	6.628	(1.146)	2089815	100.000	110
	31	cis-1,3-Dichloropropene	75	7.157	7.158	(1.236)	2503966	100.000	110
	32	4-Methyl-2-Pentanone	43	7.346	7.346	(0.791)	1668271	100.000	99
$	33	Toluene-d8	98	7.479	7.480	(0.805)	5501404	100.000	120
	34	Toluene	91	7.559	7.559	(0.814)	6447661	100.000	110
	35	trans-1,3-Dichloropropene	75	7.826	7.827	(1.352)	2484257	100.000	100
	36	1,1,2-Trichloroethane	97	8.045	8.046	(1.390)	1407644	100.000	100
	37	Tetrachloroethene	164	8.240	8.241	(0.887)	1431493	100.000	110
	38	2-Hexanone	43	8.374	8.374	(0.902)	1433891	100.000	100
	39	Dibromochloromethane	129	8.532	8.539	(1.474)	1540308	100.000	110
	40	1,2-Dibromoethane	107	8.672	8.672	(0.934)	1611397	100.000	100
*	42	Chlorobenzene-d5	117	9.286	9.281	(1.000)	1982851	50.0000	
	43	Chlorobenzene	112	9.323	9.323	(1.004)	4457248	100.000	110
	44	Ethylbenzene	106	9.481	9.482	(1.021)	2433405	100.000	110
	45	m,p-Xylene	106	9.639	9.640	(1.038)	6856210	200.000	230
	46	o-Xylene	106	10.162	10.169	(1.094)	3207240	100.000	110
	47	Styrene	104	10.181	10.181	(1.096)	3969362	100.000	110
	48	Bromoform	173	10.400	10.400	(1.797)	1026043	100.000	110
	49	Isopropylbenzene	105	10.655	10.656	(1.147)	7235383	100.000	110
$	50	Bromofluorobenzene	95	10.838	10.838	(1.167)	2105624	100.000	110
	51	1,1,2,2-Tetrachloroethane	83	11.032	11.033	(1.188)	2078069	100.000	100
M	41	Xylene (Total)	106				10063450	100.000	350
	52	1,3-Dichlorobenzene	146	12.176	12.177	(1.311)	3827234	100.000	110
	53	1,4-Dichlorobenzene	146	12.285	12.286	(1.323)	3961489	100.000	110
	54	1,2-Dichlorobenzene	146	12.717	12.718	(1.369)	3690616	100.000	110
	55	1,2-Dibromo-3-chloropropane	75	13.600	13.600	(1.464)	341405	100.000	100
	56	1,2,4-Trichlorobenzene	180	14.524	14.525	(1.564)	1899807	100.000	110

SB
8/26/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7995.D
Date : 25-AUG-2005 13:03
Client ID: VSTD2006X
Instrument: V6.i
Sample Info: 5ml,VSTD2006X,VSTD2006X
Purge Volume: 5.0
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7995.D
Report Date: 26-Aug-2005 10:18

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7995.D
Lab Smp Id: VSTD2006X Client Smp ID: VSTD2006X
Inj Date : 25-AUG-2005 13:03
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VSTD2006X,VSTD2006X
Misc Info : ,1,5
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\v6clp4s.m
Meth Date : 25-Aug-2005 14:02 mtl Quant Type: ISTD
Cal Date : 25-AUG-2005 10:45 Cal File: V6D7991.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03
Processing Host: TARGET3

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.432	1.427	(0.304)	3775803	200.000	210(A)
2 Chloromethane	50	1.584	1.585	(0.337)	5755511	200.000	210(A)
3 Vinyl Chloride	62	1.687	1.683	(0.359)	7554014	200.000	210(A)
4 Bromomethane	94	1.998	1.993	(0.425)	5534438	200.000	200
5 Chloroethane	64	2.101	2.096	(0.447)	3782260	200.000	190
6 Trichlorofluoromethane	101	2.320	2.321	(0.493)	11543706	200.000	240(A)
7 1,1-Dichloroethene	96	2.801	2.796	(0.595)	8801036	200.000	220(A)
8 1,1,2-Trichloro-1,2,2-trifluo	101	2.801	2.814	(0.595)	8010884	200.000	210(A)
9 Acetone	43	2.813	2.814	(0.598)	2357804	200.000	190
10 Carbon Disulfide	76	3.002	2.997	(0.638)	22253791	200.000	210(A)
11 Methyl Acetate	43	3.129	3.136	(0.665)	3245353	200.000	200
12 Methylene Chloride	84	3.269	3.264	(0.695)	7478077	200.000	200
13 trans-1,2-Dichloroethene	96	3.482	3.489	(0.740)	4514839	200.000	240(A)
14 Methyl tert-Butyl Ether	73	3.500	3.502	(0.744)	11481090	200.000	220(A)
15 1,1-Dichloroethane	63	3.890	3.891	(0.827)	6259452	200.000	210(A)
17 cis-1,2-Dichloroethene	96	4.468	4.469	(0.950)	3711431	200.000	230(A)

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7995.D
Report Date: 26-Aug-2005 10:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 2-Butanone	43	4.480	4.481	(0.952)	2410622	200.000	210 (A)
*	18 Bromochloromethane	128	4.705	4.706	(1.000)	372938	50.0000	
	19 Chloroform	83	4.796	4.797	(1.019)	6274262	200.000	210 (A)
	20 1,1,1-Trichloroethane	97	4.985	4.986	(0.861)	4875427	200.000	220 (A)
	21 Cyclohexane	56	5.052	5.059	(0.873)	6399280	200.000	230 (A)
	22 Carbon Tetrachloride	117	5.167	5.168	(0.893)	4943476	200.000	230 (A)
$	23 1,2-Dichloroethane-d4	65	5.301	5.302	(1.127)	4746202	200.000	220 (A)
	25 Benzene	78	5.374	5.375	(0.929)	13415231	200.000	220 (A)
	24 1,2-Dichloroethane	62	5.380	5.387	(1.144)	5999517	200.000	220 (A)
*	26 1,4-Difluorobenzene	114	5.788	5.789	(1.000)	2067636	50.0000	
	27 Trichloroethene	130	6.080	6.081	(1.050)	3879921	200.000	230 (A)
	28 Methylcyclohexane	83	6.305	6.300	(1.089)	7080842	200.000	250 (A)
	29 1,2-Dichloropropane	63	6.317	6.318	(1.091)	4300104	200.000	240 (A)
	30 Bromodichloromethane	83	6.633	6.628	(1.146)	4593242	200.000	220 (A)
	31 cis-1,3-Dichloropropene	75	7.157	7.158	(1.237)	5450926	200.000	220 (A)
	32 4-Methyl-2-Pentanone	43	7.345	7.346	(0.791)	3618217	200.000	200
$	33 Toluene-d8	98	7.479	7.480	(0.805)	11516270	200.000	220 (A)
	34 Toluene	91	7.558	7.559	(0.814)	12939723	200.000	200
	35 trans-1,3-Dichloropropene	75	7.826	7.827	(1.352)	5397465	200.000	220 (A)
	36 1,1,2-Trichloroethane	97	8.045	8.046	(1.390)	3208032	200.000	220 (A)
	37 Tetrachloroethene	164	8.239	8.241	(0.887)	3465775	200.000	240 (A)
	38 2-Hexanone	43	8.373	8.374	(0.902)	3168717	200.000	210 (A)
	39 Dibromochloromethane	129	8.537	8.539	(1.475)	3665854	200.000	240 (A)
	40 1,2-Dibromoethane	107	8.671	8.672	(0.934)	3596256	200.000	210 (A)
*	42 Chlorobenzene-d5	117	9.286	9.281	(1.000)	2107763	50.0000	
	43 Chlorobenzene	112	9.322	9.323	(1.004)	9936878	200.000	220 (A)
	44 Ethylbenzene	106	9.480	9.482	(1.021)	5932838	200.000	240 (A)
	45 m,p-Xylene	106	9.645	9.640	(1.039)	14738308	400.000	450 (A)
	46 o-Xylene	106	10.168	10.169	(1.095)	8223233	200.000	250 (A)
	47 Styrene	104	10.180	10.181	(1.096)	9810326	200.000	240 (A)
	48 Bromoform	173	10.399	10.400	(1.797)	2634906	200.000	260 (A)
	49 Isopropylbenzene	105	10.661	10.656	(1.148)	14086392	200.000	200
$	50 Bromofluorobenzene	95	10.837	10.838	(1.167)	5154887	200.000	240 (A)
	51 1,1,2,2-Tetrachloroethane	83	11.032	11.033	(1.188)	4651266	200.000	210 (A)
M	41 Xylene (Total)	106				22961541	200.000	700
	52 1,3-Dichlorobenzene	146	12.181	12.177	(1.312)	9278558	200.000	240 (A)
	53 1,4-Dichlorobenzene	146	12.285	12.286	(1.323)	9507910	200.000	240 (A)
	54 1,2-Dichlorobenzene	146	12.717	12.718	(1.370)	8887548	200.000	240 (A)
	55 1,2-Dibromo-3-chloropropane	75	13.599	13.600	(1.464)	815106	200.000	220 (A)
	56 1,2,4-Trichlorobenzene	180	14.524	14.525	(1.564)	5992223	200.000	290 (A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

SB 8/26/05

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: V6 Calibration Date: 08/26/05 Time: 1010

Lab File ID: V6D8021 Init. Calib. Date(s): 08/25/05 08/25/05

EPA Sample No.(VSTD050##): VSTD0506Y Init. Calib. Times: 1045 1334

Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.361	2.494		5.6	
Chloromethane	3.764	4.217		12.0	
Vinyl Chloride	4.897	5.538	0.100	13.1	25.0
Bromomethane	3.731	4.366	0.100	17.0	25.0
Chloroethane	2.687	3.037		13.0	
Trichlorofluoromethane	6.426	7.055		9.8	
1,1-Dichloroethene	5.403	5.849	0.100	8.3	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	4.948	4.920		-0.6	
Acetone	1.692	1.933		14.2	
Carbon Disulfide	14.127	15.353		8.7	
Methyl Acetate	2.236	2.444		9.3	
Methylene Chloride	4.985	5.134		3.0	
trans-1,2-Dichloroethene	2.441	2.247		-7.9	
Methyl tert-Butyl Ether	6.845	6.506		-5.0	
1,1-Dichloroethane	3.939	3.894	0.200	-1.1	25.0
cis-1,2-Dichloroethene	2.194	2.106		-4.0	
2-Butanone	1.518	1.496		-1.4	
Chloroform	3.934	3.843	0.200	-2.3	25.0
1,1,1-Trichloroethane	0.542	0.503	0.100	-7.2	25.0
Cyclohexane	0.657	0.623		-5.2	
Carbon Tetrachloride	0.509	0.482	0.100	-5.3	25.0
Benzene	1.484	1.462	0.500	-1.5	25.0
1,2-Dichloroethane	3.613	3.689	0.100	2.1	25.0
Trichloroethene	0.397	0.371	0.300	-6.5	25.0
Methylcyclohexane	0.661	0.592		-10.4	

All other compounds must meet a minimum RRF of 0.010.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: V6 Calibration Date: 08/26/05 Time: 1010

Lab File ID: V6D8021 Init. Calib. Date(s): 08/25/05 08/25/05

EPA Sample No.(VSTD050##): VSTD0506Y Init. Calib. Times: 1045 1334

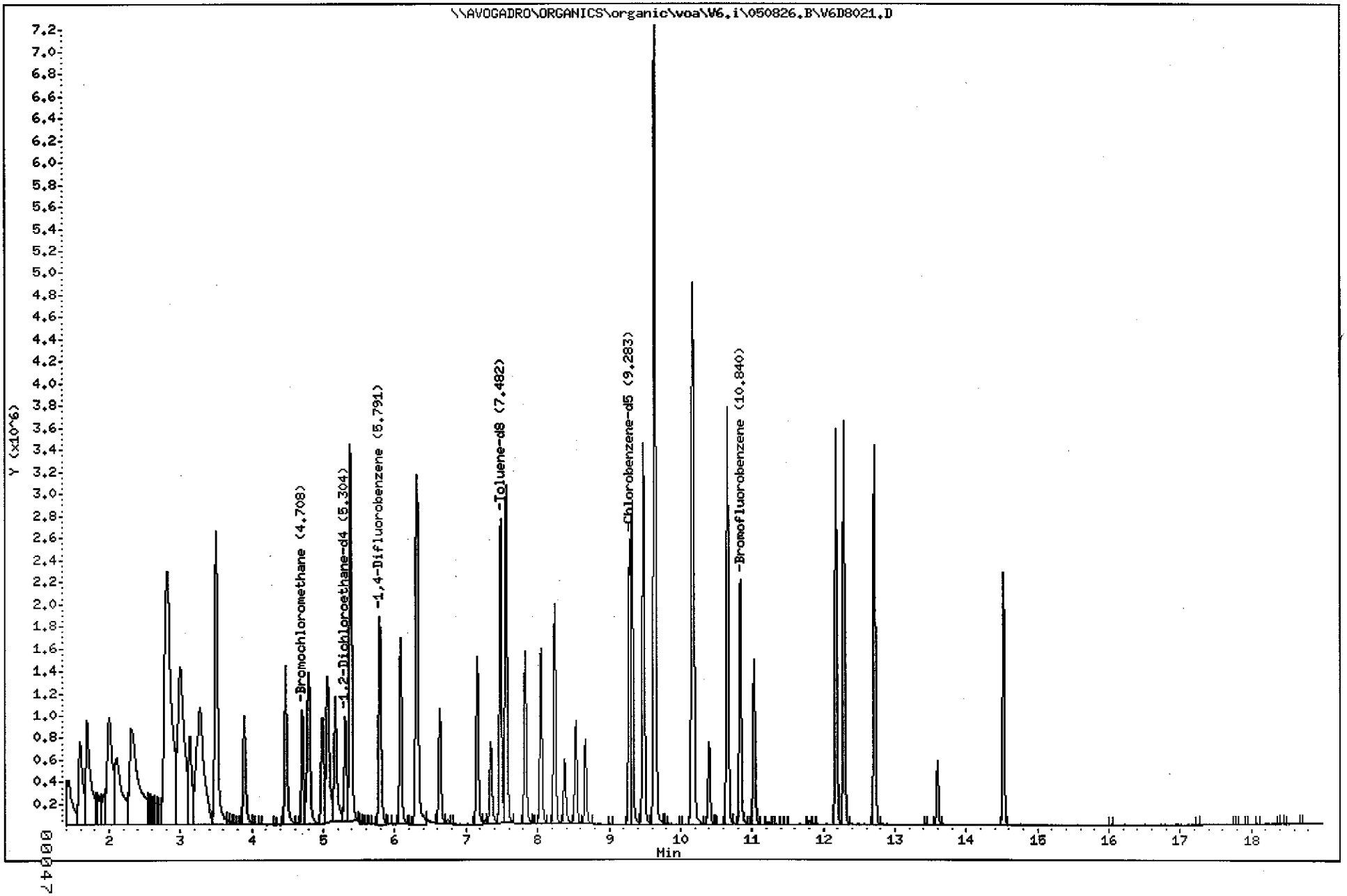
Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.432	0.412		-4.6	
Bromodichloromethane	0.488	0.478	0.200	-2.0	25.0
cis-1,3-Dichloropropene	0.594	0.560	0.200	-5.7	25.0
4-Methyl-2-Pentanone	0.432	0.429		-0.7	
Toluene	1.551	1.526	0.400	-1.6	25.0
trans-1,3-Dichloropropene	0.592	0.588	0.100	-0.7	25.0
1,1,2-Trichloroethane	0.344	0.333	0.100	-3.2	25.0
Tetrachloroethene	0.341	0.318	0.200	-6.7	25.0
2-Hexanone	0.371	0.356		-4.0	
Dibromochloromethane	0.357	0.342	0.100	-4.2	25.0
1,2-Dibromoethane	0.398	0.379		-4.8	
Chlorobenzene	1.094	1.039	0.500	-5.0	25.0
Ethylbenzene	0.583	0.542	0.100	-7.0	25.0
Xylene (Total)	0.756	0.697	0.300	-7.8	25.0
Styrene	0.946	0.890	0.300	-5.9	25.0
Bromoform	0.238	0.230	0.100	-3.4	25.0
Isopropylbenzene	1.678	1.652		-1.5	
1,1,2,2-Tetrachloroethane	0.521	0.504	0.300	-3.3	25.0
1,3-Dichlorobenzene	0.919	0.904	0.600	-1.6	25.0
1,4-Dichlorobenzene	0.936	0.911	0.500	-2.7	25.0
1,2-Dichlorobenzene	0.881	0.853	0.400	-3.2	25.0
1,2-Dibromo-3-chloropropane	0.086	0.086		0.0	
1,2,4-Trichlorobenzene	0.475	0.413	0.200	-13.1	25.0
Toluene-d8	1.219	1.263		3.6	
Bromofluorobenzene	0.494	0.488	0.200	-1.2	25.0
1,2-Dichloroethane-d4	2.799	2.914		4.1	

All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8021.D
Date : 26-AUG-2005 10:10
Client ID: VSTD0506Y
Instrument: V6.i
Sample Info: 5ml,VSTD0506Y,VSTD0506Y
Purge Volume: 5.0
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8021.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8021.D
Lab Smp Id: VSTD0506Y Client Smp ID: VSTD0506Y
Inj Date : 26-AUG-2005 10:10
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VSTD0506Y,VSTD0506Y
Misc Info : ,2
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.441	1.441	(0.306)	756539	50.0000	53
2	Chloromethane	50	1.593	1.593	(0.338)	1279094	50.0000	56
3	Vinyl Chloride	62	1.690	1.690	(0.359)	1679716	50.0000	57
4	Bromomethane	94	2.001	2.001	(0.425)	1324409	50.0000	59
5	Chloroethane	64	2.104	2.104	(0.447)	921059	50.0000	57
6	Trichlorofluoromethane	101	2.311	2.311	(0.491)	2139857	50.0000	55
7	1,1-Dichloroethene	96	2.804	2.804	(0.596)	1774020	50.0000	54
8	1,1,2-Trichloro-1,2,2-trifluo	101	2.804	2.804	(0.596)	1492256	50.0000	50
9	Acetone	43	2.816	2.816	(0.598)	586376	50.0000	57
10	Carbon Disulfide	76	2.998	2.998	(0.637)	4656784	50.0000	54
11	Methyl Acetate	43	3.138	3.138	(0.667)	741301	50.0000	55
12	Methylene Chloride	84	3.266	3.266	(0.694)	1557359	50.0000	51
13	trans-1,2-Dichloroethene	96	3.491	3.491	(0.742)	681531	50.0000	46
14	Methyl tert-Butyl Ether	73	3.503	3.503	(0.744)	1973492	50.0000	48
15	1,1-Dichloroethane	63	3.893	3.893	(0.827)	1181000	50.0000	49
17	cis-1,2-Dichloroethene	96	4.471	4.471	(0.950)	638868	50.0000	48
16	2-Butanone	43	4.483	4.483	(0.952)	453746	50.0000	49

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8021.D
Report Date: 14-Sep-2005 13:37

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
*	18	Bromochloromethane	128	4.708	4.708	(1.000)	303314	50.0000	
	19	Chloroform	83	4.799	4.799	(1.019)	1165727	50.0000	49
	20	1,1,1-Trichloroethane	97	4.988	4.988	(0.861)	862342	50.0000	46
	21	Cyclohexane	56	5.061	5.061	(0.874)	1068103	50.0000	47
	22	Carbon Tetrachloride	117	5.164	5.164	(0.892)	827761	50.0000	47
$	23	1,2-Dichloroethane-d4	65	5.304	5.304	(1.127)	883755	50.0000	52
	25	Benzene	78	5.377	5.377	(0.929)	2507887	50.0000	49
	24	1,2-Dichloroethane	62	5.383	5.383	(1.143)	1118832	50.0000	51
*	26	1,4-Difluorobenzene	114	5.791	5.791	(1.000)	1715816	50.0000	
	27	Trichloroethene	130	6.077	6.077	(1.049)	636762	50.0000	47
	28	Methylcyclohexane	83	6.302	6.302	(1.088)	1016433	50.0000	45
	29	1,2-Dichloropropane	63	6.320	6.320	(1.091)	706705	50.0000	48
	30	Bromodichloromethane	83	6.630	6.630	(1.145)	820899	50.0000	49
	31	cis-1,3-Dichloropropene	75	7.159	7.159	(1.236)	961672	50.0000	47
	32	4-Methyl-2-Pentanone	43	7.348	7.348	(0.792)	724233	50.0000	50
$	33	Toluene-d8	98	7.482	7.482	(0.806)	2133652	50.0000	52
	34	Toluene	91	7.561	7.561	(0.815)	2579260	50.0000	49
	35	trans-1,3-Dichloropropene	75	7.829	7.829	(1.352)	1008773	50.0000	50
	36	1,1,2-Trichloroethane	97	8.048	8.048	(1.390)	572007	50.0000	48
	37	Tetrachloroethene	164	8.236	8.236	(0.887)	537024	50.0000	47
	38	2-Hexanone	43	8.376	8.376	(0.902)	601543	50.0000	48
	39	Dibromochloromethane	129	8.534	8.534	(1.474)	586367	50.0000	48
	40	1,2-Dibromoethane	107	8.674	8.674	(0.934)	640559	50.0000	48
*	42	Chlorobenzene-d5	117	9.283	9.283	(1.000)	1689863	50.0000	
	43	Chlorobenzene	112	9.319	9.319	(1.004)	1756548	50.0000	48
	44	Ethylbenzene	106	9.483	9.483	(1.022)	915069	50.0000	46
	45	m,p-Xylene	106	9.641	9.641	(1.039)	2468816	100.000	95
	46	o-Xylene	106	10.165	10.165	(1.095)	1177005	50.0000	46
	47	Styrene	104	10.183	10.183	(1.097)	1504506	50.0000	47
	48	Bromoform	173	10.402	10.402	(1.796)	395165	50.0000	48
	49	Isopropylbenzene	105	10.657	10.657	(1.148)	2791230	50.0000	49
$	50	Bromofluorobenzene	95	10.840	10.840	(1.168)	824241	50.0000	49
	51	1,1,2,2-Tetrachloroethane	83	11.035	11.035	(1.189)	852008	50.0000	48
M	41	Xylene (Total)	106				3645821	50.0000	140
	52	1,3-Dichlorobenzene	146	12.178	12.178	(1.312)	1527419	50.0000	49
	53	1,4-Dichlorobenzene	146	12.288	12.288	(1.324)	1538822	50.0000	49
	54	1,2-Dichlorobenzene	146	12.714	12.714	(1.370)	1440868	50.0000	48
	55	1,2-Dibromo-3-chloropropane	75	13.602	13.602	(1.465)	144772	50.0000	50
	56	1,2,4-Trichlorobenzene	180	14.526	14.526	(1.565)	698115	50.0000	43

JD 9/14/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7990.D

Date : 25-AUG-2005 10:20

Client ID: BFB6X

Instrument: v6.i

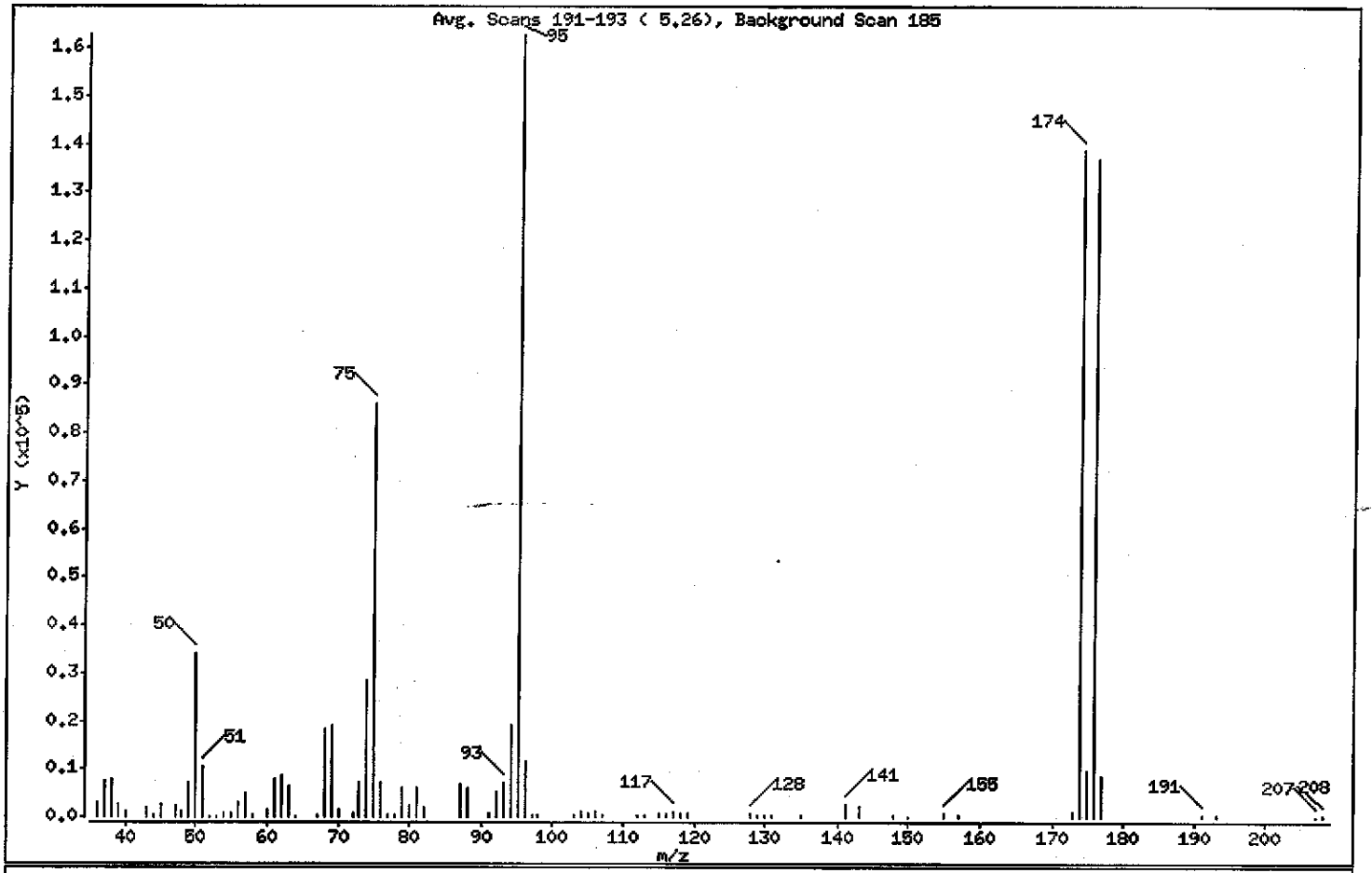
Sample Info: 2ul,BFB6X,BFB6X

Operator: SB

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	20.98
75	30.00 - 66.00% of mass 95	52.96
96	5.00 - 9.00% of mass 95	7.02
173	Less than 2.00% of mass 174	0.59 (0.69)
174	50.00 - 120.00% of mass 95	85.32
175	4.00 - 9.00% of mass 174	5.96 (6.99)
176	93.00 - 101.00% of mass 174	84.14 (98.62)
177	5.00 - 9.00% of mass 176	5.31 (6.31)

Date : 25-AUG-2005 10:20

Client ID: BFB6X Instrument: v6.i

Sample Info: 2ul,BFB6X,BFB6X

Operator: SB

Column phase: DB-624 Column diameter: 0.25

Data File: V6D7990.D
Spectrum: Avg. Scans 191-193 (5.26), Background Scan 185
Location of Maximum: 95.00
Number of points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3002	61.00	7899	91.00	641	129.00	340
37.00	7614	62.00	8760	92.00	5066	130.00	517
38.00	7891	63.00	6497	93.00	7233	131.00	213
39.00	2614	64.00	63	94.00	18976	135.00	447
40.00	953	67.00	443	95.00	162624	141.00	2592
43.00	1770	68.00	18368	96.00	11421	143.00	2256
44.00	216	69.00	18912	97.00	256	148.00	482
45.00	2737	70.00	1398	98.00	245	150.00	186
47.00	2254	72.00	683	103.00	382	155.00	601
48.00	1289	73.00	7182	104.00	1126	157.00	213
49.00	7196	74.00	28536	105.00	876	173.00	952
50.00	34120	75.00	86128	106.00	1124	174.00	138752
51.00	10631	76.00	7239	107.00	259	175.00	9699
52.00	88	77.00	493	112.00	246	176.00	136832
53.00	83	78.00	297	113.00	504	177.00	8631
54.00	834	79.00	5883	115.00	684	191.00	413
55.00	845	80.00	2150	116.00	683	193.00	192
56.00	2919	81.00	6069	117.00	1297	207.00	111
57.00	4897	82.00	1841	118.00	784	208.00	552
58.00	197	87.00	6799	119.00	915		
60.00	1647	88.00	5951	128.00	840		

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050825.B\V6D7990.D

Date : 25-AUG-2005 10:20

Client ID: BFB6X

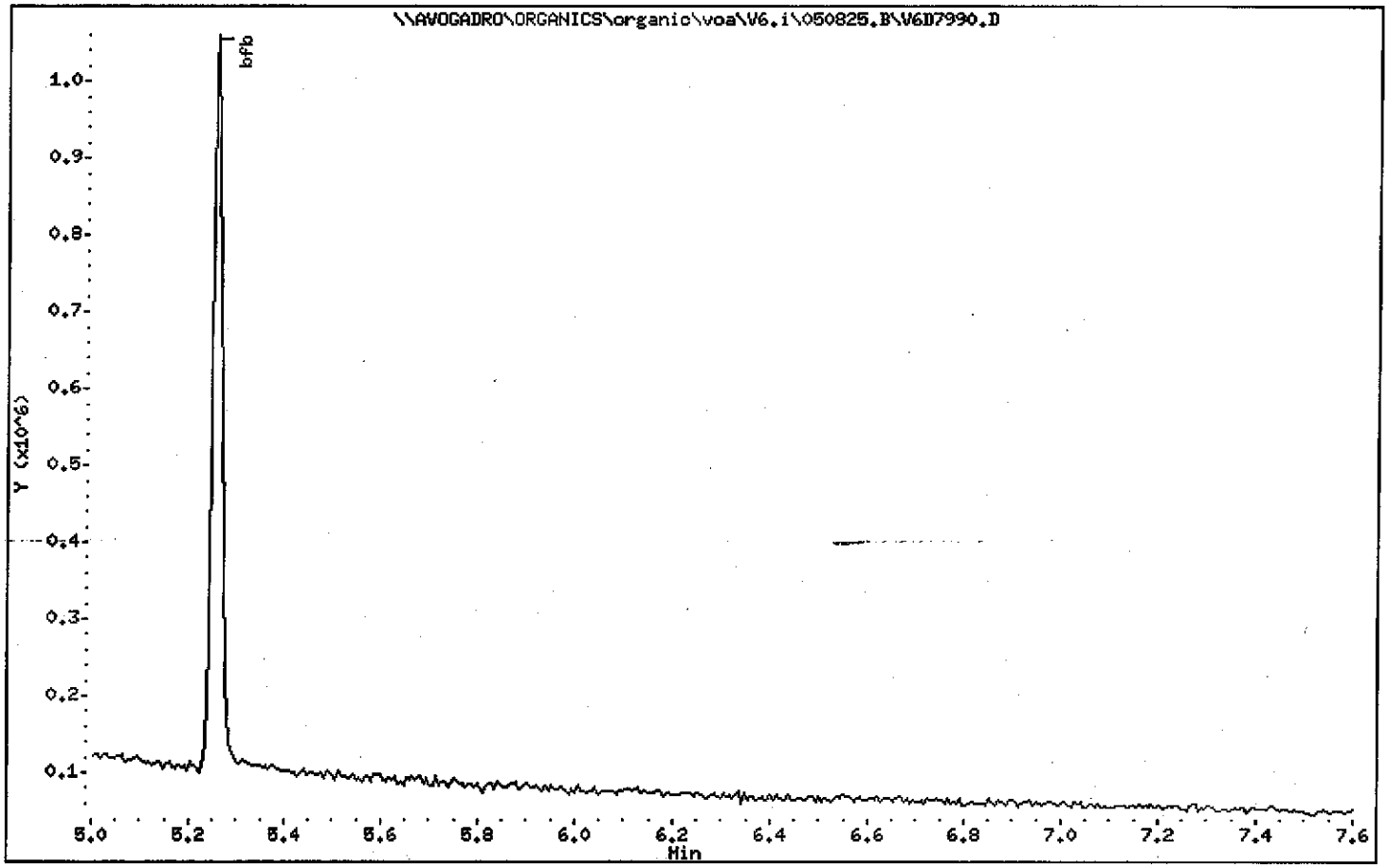
Instrument: v6.i

Sample Info: 2ul,BFB6X,BFB6X

Operator: SB

Column phase: DB-624

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8020.D

Date : 26-AUG-2005 09:47

Client ID: BFB6Y

Instrument: v6.i

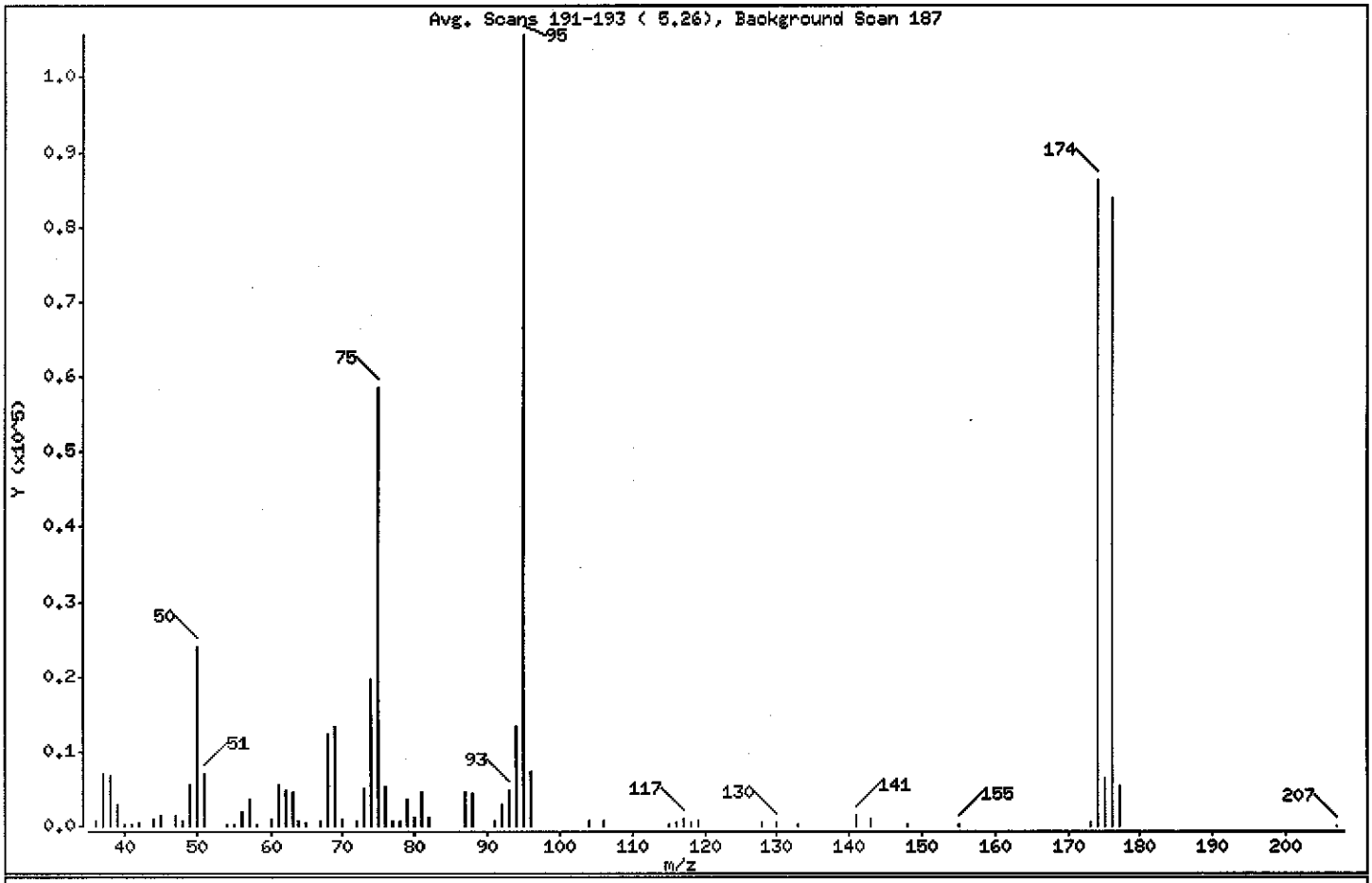
Sample Info: 2ul,BFB6Y,BFB6Y

Operator: SB

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	22.79
75	30.00 - 66.00% of mass 95	55.31
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.49 (0.60)
174	50.00 - 120.00% of mass 95	81.62
175	4.00 - 9.00% of mass 174	6.07 (7.44)
176	93.00 - 101.00% of mass 174	79.21 (97.05)
177	5.00 - 9.00% of mass 176	5.02 (6.33)

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8020.D

Date : 26-AUG-2005 09:47

Client ID: BFB6Y

Instrument: v6.i

Sample Info: 2ul,BFB6Y,BFB6Y

Operator: SB

Column phase: DB-624

Column diameter: 0.25

Data File: V6D8020.D

Spectrum: Avg. Scans 191-193 (5.26), Background Scan 187

Location of Maximum: 95.00

Number of points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	682	58.00	212	79.00	3596	119.00	693
37.00	7049	60.00	1053	80.00	1224	128.00	499
38.00	6860	61.00	5590	81.00	4643	130.00	508
39.00	3037	62.00	4925	82.00	1197	133.00	178
40.00	255	63.00	4561	87.00	4614	141.00	1488
41.00	233	64.00	742	88.00	4478	143.00	1088
42.00	534	65.00	378	91.00	831	148.00	197
44.00	968	67.00	759	92.00	2999	155.00	196
45.00	1346	68.00	12377	93.00	4863	173.00	516
47.00	1369	69.00	13273	94.00	13431	174.00	86272
48.00	723	70.00	975	95.00	105704	175.00	6415
49.00	5642	72.00	633	96.00	7396	176.00	83728
50.00	24088	73.00	5198	104.00	759	177.00	5302
51.00	6926	74.00	19672	106.00	699	207.00	38
54.00	187	75.00	58464	115.00	175		
55.00	336	76.00	5447	116.00	550		
56.00	1903	77.00	671	117.00	860		
57.00	3620	78.00	785	118.00	459		

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8020.D

Date : 26-AUG-2005 09:47

Client ID: BFB6Y

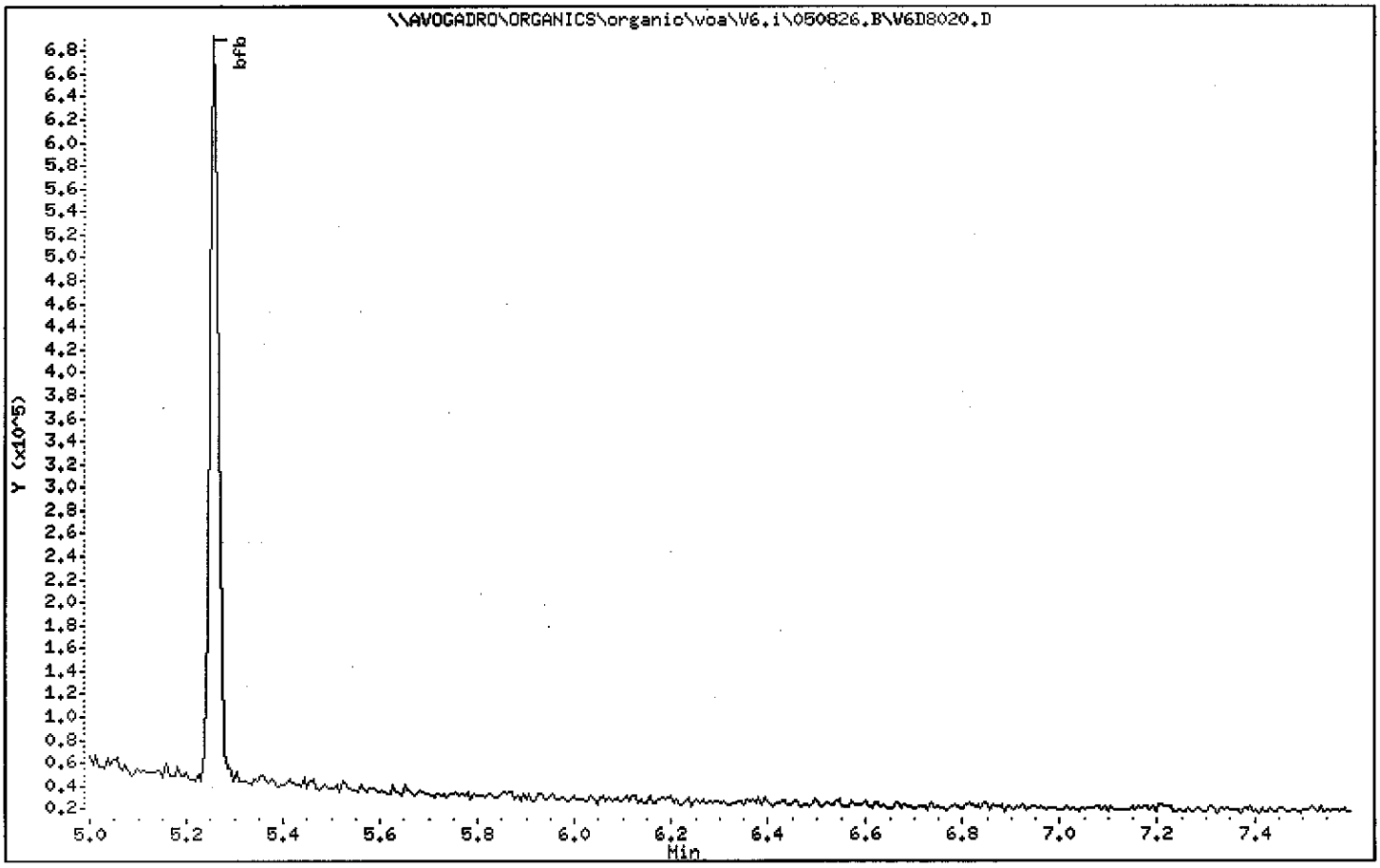
Instrument: v6.i

Sample Info: 2ul,BFB6Y,BFB6Y

Operator: SB

Column phase: DB-624

Column diameter: 0.25



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8022

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8022

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8022

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

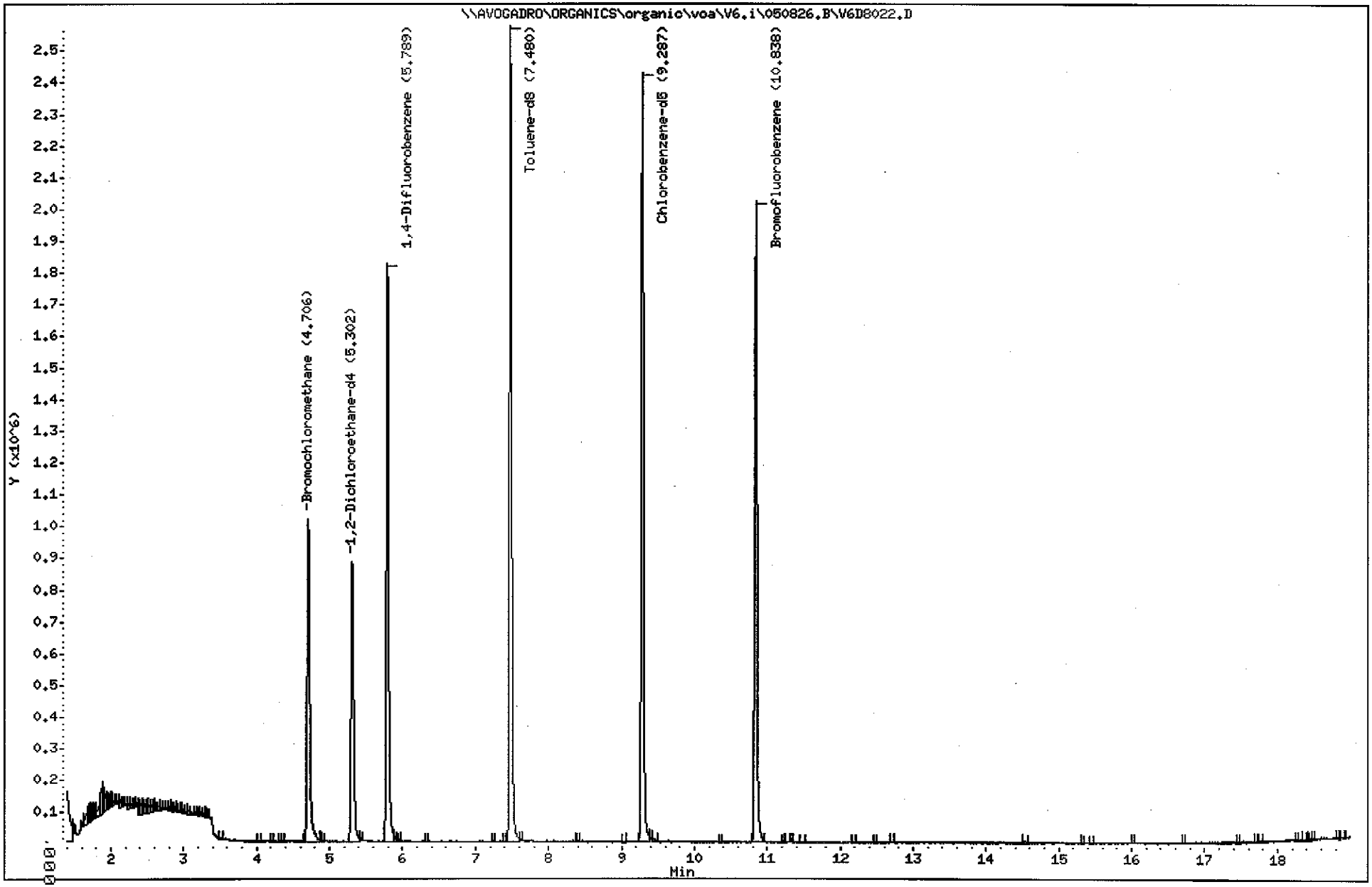
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8022.D
Date : 26-AUG-2005 10:48
Client ID: VBLK6Y
Instrument: V6.i
Sample Info: 5ml,MB-19680,VBLK6Y
Purge Volume: 5.0
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8022.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8022.D
Lab Smp Id: MB-19680 Client Smp ID: VBLK6Y
Inj Date : 26-AUG-2005 10:48
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,MB-19680,VBLK6Y
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D ✓
Als bottle: 2 QC Sample: BLANK ✓
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 18 Bromochloromethane	128	4.706	4.708	(1.000)	313245	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.302	5.304	(1.127)	816648	44.7385	45
* 26 1,4-Difluorobenzene	114	5.789	5.791	(1.000)	1739133	50.0000	
$ 33 Toluene-d8	98	7.480	7.482	(0.805)	2071307	49.1162	49
* 42 Chlorobenzene-d5	117	9.287	9.283	(1.000)	1670004	50.0000	
$ 50 Bromofluorobenzene	95	10.838	10.840	(1.167)	750096	46.0433	46

VP 9/14/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8022.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8022.D
Lab Smp Id: MB-19680 Client Smp ID: VBLK6Y
Inj Date : 26-AUG-2005 10:48
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,MB-19680,VBLK6Y
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: VHBLK6Y

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8036

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK6Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: VHBLK6Y

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8036

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

EPA SAMPLE NO.

VHBLK6Y

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: VHBLK6Y

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8036

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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26.					
27.					
28.					
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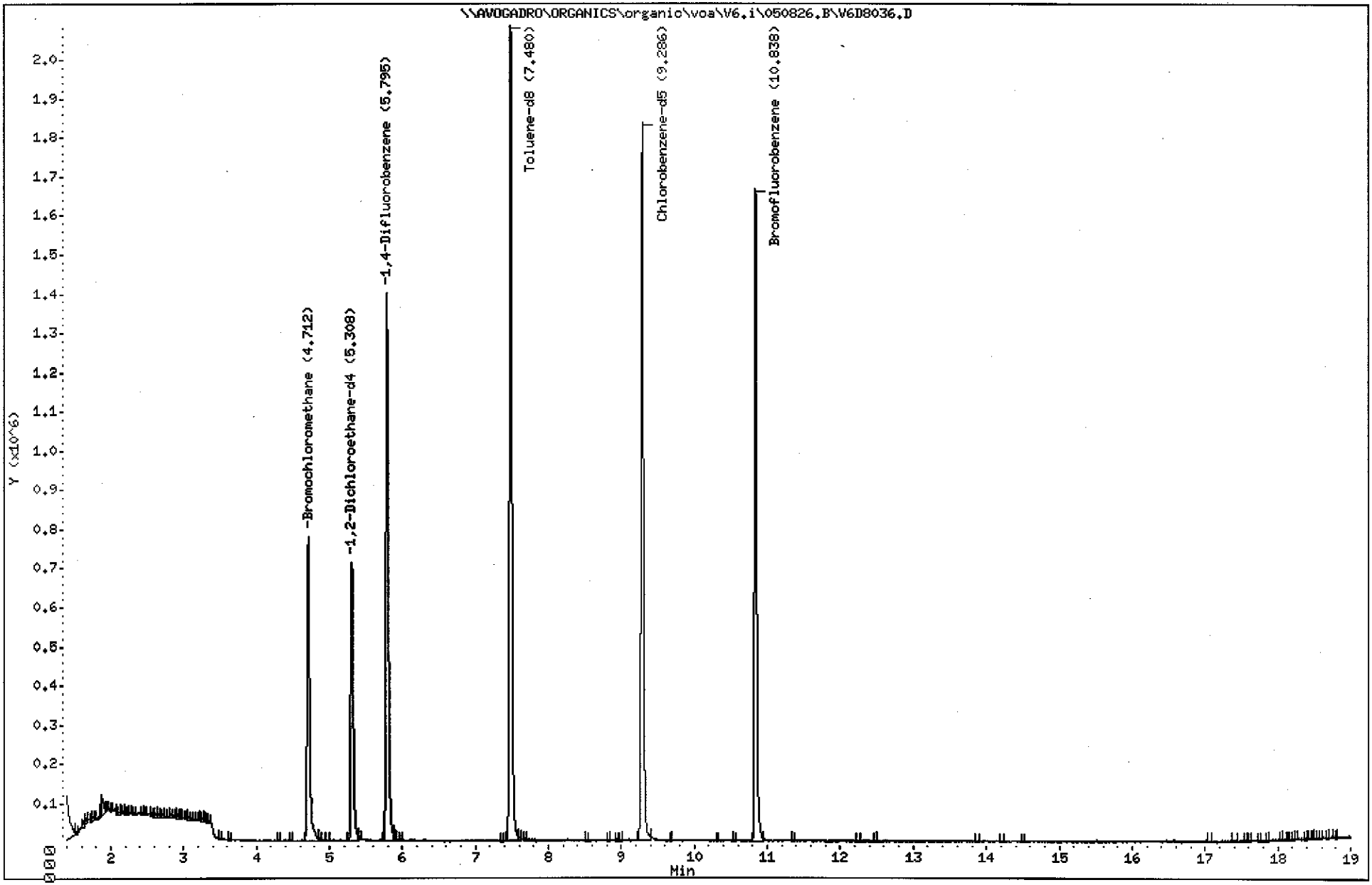
30.					

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8036.D
Date : 26-AUG-2005 17:58
Client ID: VHBLK6Y
Instrument: V6.i
Sample Info: 5ml,VHBLK6Y,VHBLK6Y
Purge Volume: 5.0
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8036.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8036.D
Lab Smp Id: VHBLK6Y Client Smp ID: VHBLK6Y
Inj Date : 26-AUG-2005 17:58
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VHBLK6Y,VHBLK6Y
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D
Als bottle: 16 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 18 Bromochloromethane	128	4.712	4.708	(1.000)	225139	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.308	5.304	(1.127)	624897	47.6309	48
* 26 1,4-Difluorobenzene	114	5.795	5.791	(1.000)	1264005	50.0000	
$ 33 Toluene-d8	98	7.480	7.482	(0.805)	1640579	53.1054	53
* 42 Chlorobenzene-d5	117	9.286	9.283	(1.000)	1223366	50.0000	
$ 50 Bromofluorobenzene	95	10.838	10.840	(1.167)	625404	52.4049	52

9/14/05

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8036.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8036.D
Lab Smp Id: VHBLK6Y Client Smp ID: VHBLK6Y
Inj Date : 26-AUG-2005 17:58
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,VHBLK6Y,VHBLK6Y
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D
Als bottle: 16 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6YLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8023

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	44	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	45	
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6YLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19680

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6D8023

Level: (low/med) LOW Date Received: _____

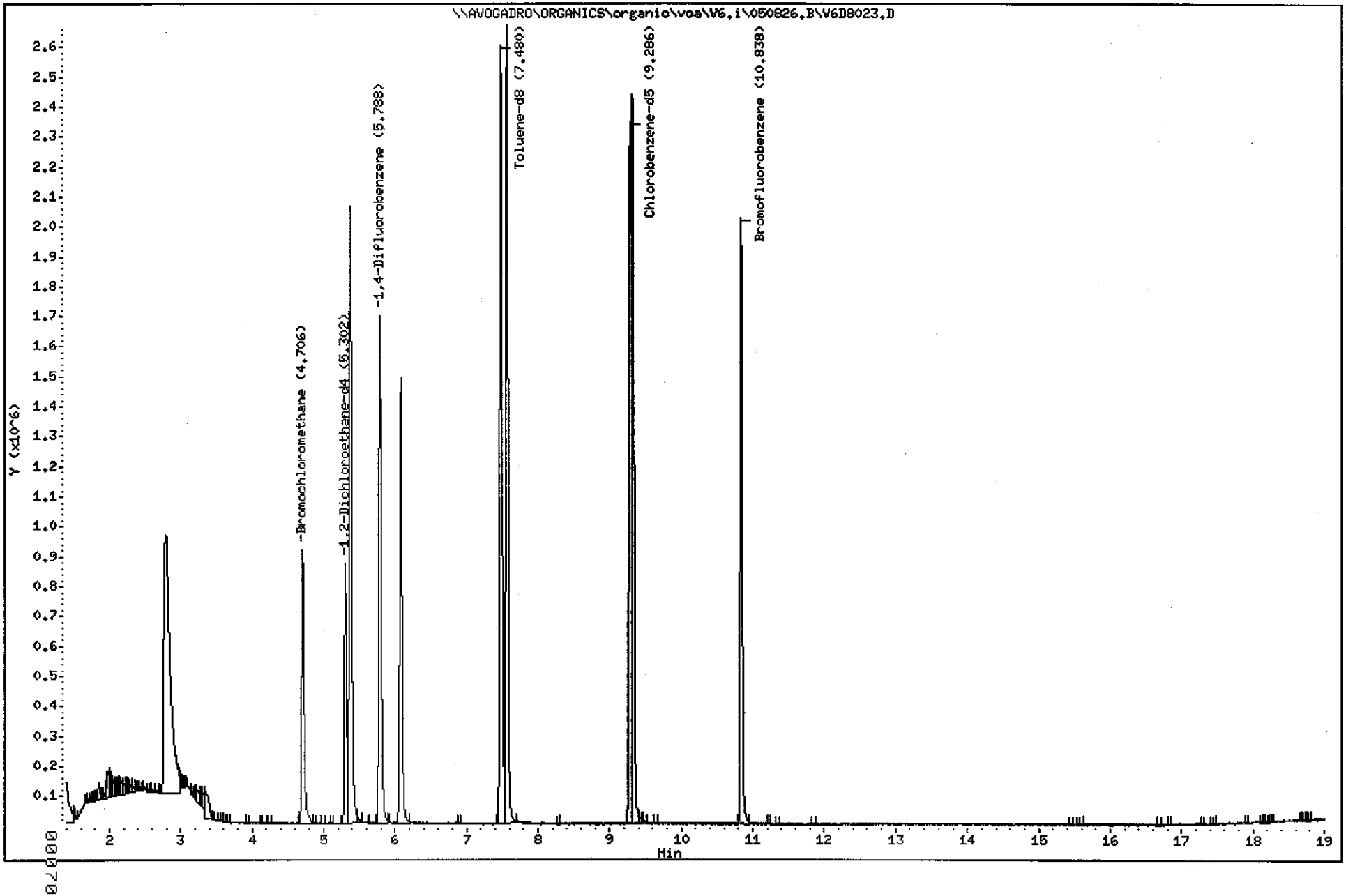
% Moisture: not dec. _____ Date Analyzed: 08/26/05

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	47	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	49	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	50	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8023.D
Date : 26-AUG-2005 11:34
Client ID: V6YLCS
Instrument: V6.i
Sample Info: 5ml,LCS-19680,V6YLCS
Purge Volume: 5.0
Operator: SB SRC: SB
Column phase: DB-624
Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8023.D
Report Date: 14-Sep-2005 13:37

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\V6D8023.D
Lab Smp Id: LCS-19680 Client Smp ID: V6YLCS
Inj Date : 26-AUG-2005 11:34
Operator : SB SRC: SB Inst ID: V6.i
Smp Info : 5ml,LCS-19680,V6YLCS
Misc Info : ,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\voa\V6.i\050826.B\v6clp4s.m
Meth Date : 31-Aug-2005 15:21 mtl Quant Type: ISTD
Cal Date : 26-AUG-2005 10:10 Cal File: V6D8021.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.03

Concentration Formula: Amt * DF * Uf * 5/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	7 1,1-Dichloroethene	96	2.795	2.804	(0.594)	1416229	43.9543	44
*	18 Bromochloromethane	128	4.705	4.708	(1.000)	275446	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.302	5.304	(1.127)	787119	49.0383	49
	25 Benzene	78	5.375	5.377	(0.929)	2082099	45.4495	45
*	26 1,4-Difluorobenzene	114	5.788	5.791	(1.000)	1567130	50.0000	
	27 Trichloroethene	130	6.080	6.077	(1.050)	545732	46.9178	47
$	33 Toluene-d8	98	7.480	7.482	(0.805)	2060334	54.2634	54
	34 Toluene	91	7.559	7.561	(0.814)	2235926	48.7141	49
*	42 Chlorobenzene-d5	117	9.286	9.283	(1.000)	1503588	50.0000	
	43 Chlorobenzene	112	9.323	9.319	(1.004)	1551952	49.6490	50
$	50 Bromofluorobenzene	95	10.838	10.840	(1.167)	731248	49.8544	50

YP 9/14/05

MITKEM CORPORATION: VOLATILES RECEIVING LOGBOOK

VOA Log-In Date	Workorder	Client	Sample Numbers	Relinquished By	Comments
8/24/05	D0994	URS	D0994 01-03	gj H	R-10
8/24/05	D0986	E+E	05	JJ H	Freeze F-10 MeOH R-10
8/24/05	D0996	TT (EPA)	01-06	JJH	Freeze F10 MeOH R-10
8/24/05	D0993	TT (EPA)	17-20	JJH	Freeze F-10 MeOH R-10
8.24.05	D0988	RIRC	01-02	JJH	HCl R-4
8.25.05	D1000	Earth Tech	01-06	JH	HCl R-4
8.25.05	D1001	TRC	01-05	JH	HCl R-4
8.25.05	D1004	E+E	01	JH	HCl R-4 (Door)
8.25.05	D0986	E+E	06	JH	MeOH R-4 Freeze F-4
8.25.05	D0999	RIRC (GZA)	01-05	JH	R-10
8.25.05	D1002	CH2M Hill	01-03, 16-10	JH	R-10
8.25.05	D1003	TetraTech	01-05	JH	HCl ~~R-10~~ R13
8.25.05	D0999	RIRC (GZA)	06-11	JH	06 H 07-11 V. R-10 vmes.
8/26/05	D0999	RIRC	12-13	E	R10
8/26/05	D0986	E+E	-07	E	F4/R4
8/26/05	D0996	Tetra-EPA	-11	E	R10
8/26/05	D1003	Tetra-EPA	-06 → 08	E	R13
8/26/05	D1007	URS	01,02	E	R10
8/26/05	D0996	Tetra-EPA	07 → 10	E	F10 R10
8/26/05	D1002	CH2M-Hill	11 → 14	E	R10

Logbook ID 90.0191-04/05

Reviewed By: TD 9/14/05

00072

Date: 8/25/05

Instrument V 6
Injection Log

Mitkem Corporation
Volatiles Laboratory

METHOD: V6C1p45
INITIAL CAL: 8/25/05
COMMENTS:

CAL ID: VW050818C-STD
IS/SS ID: VW050825A-IS
VW050825B-SS
VW050825C-LCS

ANALYST: SB
ARCHIVE:

AS #	FILE	MITKEM ID	CLIENT ID	SAMPLE SIZE	DIL	COMMENTS	IS	SS	pH

Injection Log

Directory: o:\ORGANIC\VOA\V6.i\050825.B

FileName	Multiplier	SampleName	Misc Info	IS/SS	Injected
V6D7990.D	1.	2ul,BFB6X,BFB6X - OK	,3		
V6D7991.D	1.	5ml,VSTD0506X,VSTD0506X	,2		25 Aug 2005 10:20
V6D7992.D	1.	5ml,VSTD0206X,VSTD0206X - N/A	,1,2		25 Aug 2005 10:45
V6D7993.D	1.	5ml,VSTD0106X,VSTD0106X	GLM,1,1		25 Aug 2005 11:30
V6D7994.D	1.	5ml,VSTD1006X,VSTD1006X	AQ,1,4		25 Aug 2005 11:57
V6D7995.D	1.	5ml,VSTD2006X,VSTD2006X	ICAL,1,5		25 Aug 2005 12:28
V6D7996.D	1.	5ml,VSTD0206X,VSTD0206X	,1,2		25 Aug 2005 13:03
V6D7997.D	1.	5ml,MB-19661,VBLK6X - OK	,3	✓ ✓	25 Aug 2005 13:34
V6D7998.D	1. pH	5ml,LCS-19661,V6XLCS - OK	,3	✓ ✓	25 Aug 2005 14:10
V6D7999.D	1. <2	5ml,D0993-16A,,19661 - OK	,3	✓ ✓	25 Aug 2005 14:43
V6D8000.D	1.	5ml,D0976-01A,,19661 - OK	,3	✓ ✓	25 Aug 2005 15:20
V6D8001.D	1.	5ml,D0976-08A,,19661 - OK	,3	✓ ✓	25 Aug 2005 15:55
V6D8002.D	1.	5ml,D0976-04A,,19661 - OK	,3	✓ ✓	25 Aug 2005 16:24
V6D8003.D	1.	5ml,D0976-05A,,19661 - OK	,3	✓ ✓	25 Aug 2005 16:53
V6D8004.D	1.	5ml,D0976-06A,,19661 - OK	,3	✓ ✓	25 Aug 2005 17:21
V6D8005.D	1.	5ml,D0976-06AMS,,19661 - OK	,3	✓ ✓	25 Aug 2005 17:51
V6D8006.D	1.	5ml,D0976-06AMSD,,19661 - OK	,3	✓ #2↑	25 Aug 2005 18:19
V6D8007.D	1. <2	5ml,D0976-07A,,19661 - RR	,3	✓ ✓	25 Aug 2005 18:47
V6D8008.D	1.	5ml,D0898-16ADL,,19661,300X - OK	,3 (PCE: 123)	all ↓ ✓	25 Aug 2005 19:16
V6D8009.D	1.	5ml,D0898-11ADL,,19661,1000X - OK	,3 (PCE 112)	✓ ✓	25 Aug 2005 19:44
V6D8010.D	1.	5ml,D0898-15AMSD,,19661,40X - N/a	,3 (PCE: 887)	✓ ✓	25 Aug 2005 20:13
V6D8011.D	1.	5ml,VHBLK6X,VHBLK6X - n/a	,3	✓ ✓	25 Aug 2005 20:42
V6D8012.D	1.	5ml,VHBLK6X,VHBLK6X - n/a	,3	all ↓ all ↓	25 Aug 2005 21:11
				✓ 2↑	25 Aug 2005 21:39

SB 8/26/05

YD 8/26/05

Logbook ID 90.0200-3/02

Reviewed By: YD 9.1.4.05

Logbook page: 0073

00073

Date: 8/26/05

Instrument V 6
Injection Log

Mitkem Corporation
Volatiles Laboratory

METHOD: V6C1P45
INITIAL CAL: 8/25/05
COMMENTS:

CAL ID: VW050826C-STD
IS/SS ID: VW050825A-IS
VW050825B-SS
VW050825C-LCS

ANALYST: SB
ARCHIVE:

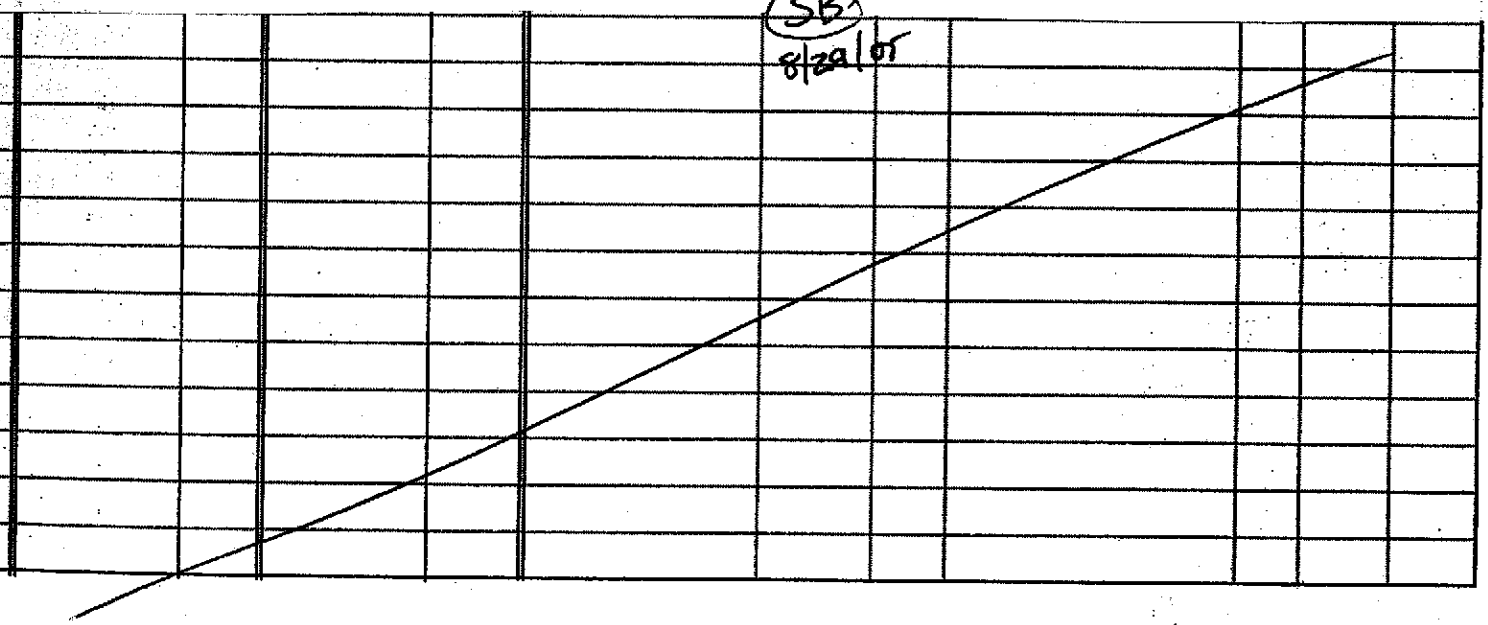
AS #	FILE	MITKEM ID	CLIENT ID	SAMPLE SIZE	DIL	COMMENTS	IS	SS	pH

Injection Log

Directory: O:\ORGANIC\VOA\V6.i\050826.B

FileName	Multiplier	SampleName	Misc Info	IS	SS	Injected
V6D8020.D	1.	2ul,BFB6Y,BFB6Y — OK	,3			26 Aug 2005 09:47
V6D8021.D	1.	5ml,VSTD0506Y,VSTD0506Y - OK	,2			26 Aug 2005 10:10
V6D8022.D	1.	5ml,MB-19680,VBLK6Y - OK	,3	✓	✓	26 Aug 2005 10:48
V6D8023.D	1. pH	5ml,LCS-19680,V6YLCS - OK	,3	✓	✓	26 Aug 2005 11:34
V6D8024.D	1.	5ml,D0976-07A,,19680 - OK	,3	✓	✓	26 Aug 2005 12:10
V6D8025.D	1. <2	5ml,D0996-06A,,19680 - OK	,3	✓	✓	26 Aug 2005 12:39
V6D8026.D	1. <2	5ml,D1003-03A,,19680 - OK	,3	✓	✓	26 Aug 2005 13:08
V6D8027.D	1. ~7	5ml,D1004-01A,,19680 - OK	,3	✓	✓	26 Aug 2005 13:36
V6D8028.D	1. <2	5ml,D1003-01B,,19680 - OK	,3	✓	✓	26 Aug 2005 14:06
V6D8029.D	1.	5ml,D1003-02B,,19680 - OK	,3	✓	✓	26 Aug 2005 14:34
V6D8030.D	1.	5ml,D1003-02BMS,,19680 - OK	,3	✓	✓	26 Aug 2005 15:03
V6D8031.D	1.	5ml,D1003-02BMSD,,19680 - OK	,3	✓	✓	26 Aug 2005 15:33
V6D8032.D	1.	5ml,D1003-04B,,19680 - OK	,3	✓	✓	26 Aug 2005 16:02
V6D8033.D	1. <2	5ml,D1003-05B,,19680 - OK	,3	✓	✓	26 Aug 2005 16:31
V6D8034.D	1.	5ml,VHBLK6Y,VHBLK6Y - OK	,3	✓	✓	26 Aug 2005 17:00
V6D8035.D	1.	5ml,VHBLK6Y,VHBLK6Y - OK	,3	✓	✓	26 Aug 2005 17:29
V6D8036.D	1.	5ml,VHBLK6Y,VHBLK6Y - OK	,3	✓	✓	26 Aug 2005 17:58
V6D8037.D	1.	5ml,VHBLK6Y,VHBLK6Y - OK	,3	✓	✓	26 Aug 2005 18:28

SB 8/29/05



2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK1B	84	78	81	78	80	83	79	64	0
02	S1BLCS	81	76	73	78	80	85	81	67	0
03	SB-RB-W-R	81	76	79	79	85	85	82	63	0
04	MW12-W-O	83	74	85	82	85	84	83	65	0
05										
06										
07										
08										
09										
10										
11										
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25										
26										
27										
28										
29										
30										

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(35-114)	
S2 (FBP)	= 2-Fluorobiphenyl	(43-116)	
S3 (TPH)	= Terphenyl-d14	(33-141)	
S4 (PHL)	= Phenol-d5	(10-110)	
S5 (2FP)	= 2-Fluorophenol	(21-110)	
S6 (TBP)	= 2,4,6-Tribromophenol	(10-123)	
S7 (2CP)	= 2-Chlorophenol-d4	(33-110)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(16-110)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM 3
WATER SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix Spike - Sample No.: S1BLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Phenol	75		59	79	12-110
2-Chlorophenol	75		62	83	27-123
N-Nitroso-di-n-prop.(1)	50		40	80	41-116
4-Chloro-3-Methylphenol	75		62	83	23- 97
Acenaphthene	50		40	80	46-118
4-Nitrophenol	75		68	91*	10- 80
2,4-Dinitrotoluene	50		43	86	24- 96
Pentachlorophenol	75		62	83	9-103
Pyrene	50		40	80	26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 9 outside limits

COMMENTS: _____

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK1B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: S1E5927 Lab Sample ID: MB-19698

Instrument ID: S1 Date Extracted: 08/29/05

Matrix: (soil/water) WATER Date Analyzed: 09/13/05

Level: (low/med) LOW Time Analyzed: 1202

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	S1BLCS	LCS-19698	S1E5928	09/13/05
02	SB-RB-W-R	D1004-01C	S1E5938	09/13/05
03	MW12-W-O	D1004-02B	S1E5939	09/13/05
04				
05				
06				
07				
08				
09				
10				
11				
12				
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14				
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25				
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29				
30				

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: S1E5792 DFTPP Injection Date: 08/31/05

Instrument ID: S1 DFTPP Injection Time: 1105

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	40.5
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	56.1
70	Less than 2.0% of mass 69	0.4 (0.7)1
127	25.0 - 75.0% of mass 198	48.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.8
365	Greater than 0.75% of mass 198	2.87
441	Present, but less than mass 443	14.6
442	40.0 - 110.0% of mass 198	99.7
443	15.0 - 24.0% of mass 442	19.6 (19.7)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0501Q	SSTD0501Q	S1E5793	08/31/05	1130
02	SSTD1601Q	SSTD1601Q	S1E5794	08/31/05	1212
03	SSTD0201Q	SSTD0201Q	S1E5795	08/31/05	1253
04	SSTD0801Q	SSTD0801Q	S1E5796	08/31/05	1335
05	SSTD1201Q	SSTD1201Q	S1E5797	08/31/05	1417
06					
07					
08					
09					
10					
11					
12					
13					
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18					
19					
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21					
22					

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab File ID: S1E5925 DFTPP Injection Date: 09/13/05

Instrument ID: S1 DFTPP Injection Time: 1053

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	49.7
68	Less than 2.0% of mass 69	0.2 (0.3)1
69	Mass 69 relative abundance	62.9
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	25.0 - 75.0% of mass 198	49.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	21.4
365	Greater than 0.75% of mass 198	3.04
441	Present, but less than mass 443	6.5
442	40.0 - 110.0% of mass 198	64.0
443	15.0 - 24.0% of mass 442	11.5 (17.9)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0501A	SSTD0501A	S1E5926	09/13/05	1112
02	SBLK1B	MB-19698	S1E5927	09/13/05	1202
03	S1BLCS	LCS-19698	S1E5928	09/13/05	1241
04	SB-RB-W-R	D1004-01C	S1E5938	09/13/05	1856
05	MW12-W-O	D1004-02B	S1E5939	09/13/05	1933
06					
07					
08					
09					
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22					

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

EPA Sample No. (SSTD050##): SSTD0501A Date Analyzed: 09/13/05

Lab File ID (Standard): S1E5926 Time Analyzed: 1112

Instrument ID: S1 GC Column: DB-5MS ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	294923	8.00	1272717	10.00	721605	12.89
	UPPER LIMIT	589846	8.50	2545434	10.50	1443210	13.39
	LOWER LIMIT	147462	7.50	636359	9.50	360803	12.39
	EPA SAMPLE NO.						
01	SBLK1B	283376	8.00	1129906	10.00	666774	12.88
02	S1BLCS	279913	8.00	1163309	10.00	683334	12.89
03	SB-RB-W-R	283921	8.00	1180682	10.00	682371	12.88
04	MW12-W-O	280155	8.00	1159342	10.00	690101	12.88
05							
06							
07							
08							
09							
10							
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12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

EPA Sample No. (SSTD050##): SSTD0501A Date Analyzed: 09/13/05

Lab File ID (Standard): S1E5926 Time Analyzed: 1112

Instrument ID: S1 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1260099		15.35		1109443		19.75		841480		22.25	
	UPPER LIMIT	2520198		15.85		2218886		20.25		1682960		22.75	
	LOWER LIMIT	630050		14.85		554722		19.25		420740		21.75	
	EPA SAMPLE NO.												
01	SBLK1B	1196728		15.35		1050406		19.73		843829		22.24	
02	S1BLCS	1189180		15.35		1066288		19.74		816914		22.25	
03	SB-RB-W-R	1183370		15.35		1019894		19.73		754592		22.25	
04	MW12-W-O	1156584		15.35		928597		19.73		670653		22.24	
05													
06													
07													
08													
09													
10													
11													
12													
13													
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15													
16													
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW12-W-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5939

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW12-W-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5939

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

EPA SAMPLE NO.

MW12-W-O

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5939

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 1

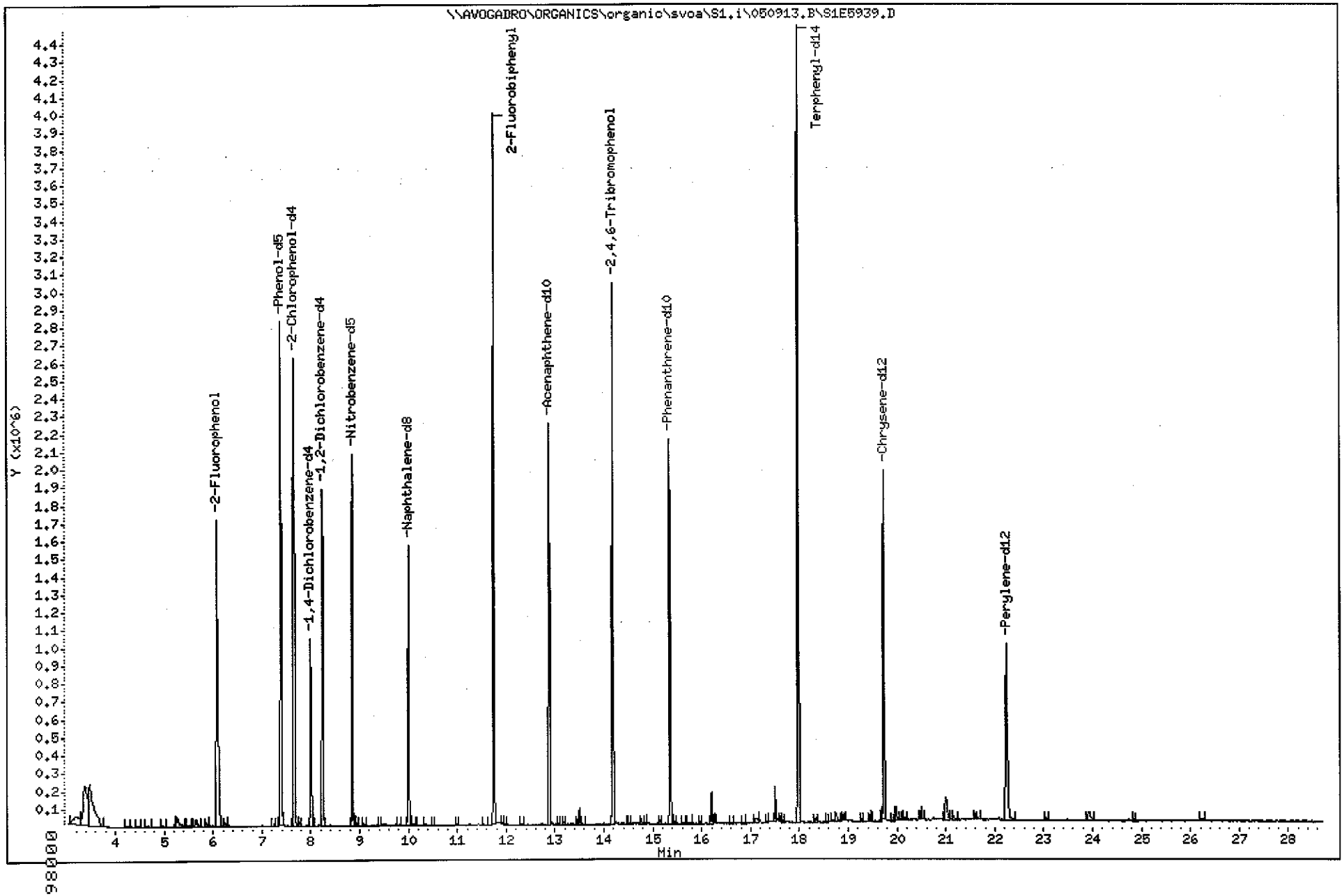
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	21.01	3	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5939.D
Date : 13-SEP-2005 19:33
Client ID: MW12-W-0
Sample Info: D1004-02B,,19698,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S1.i

Operator: AW SRC: LIMS
Column diameter: 0.25



Data File: S1E5939.D
Report Date: 16-Sep-2005 13:26

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5939.D
Lab Smp Id: D1004-02B Client Smp ID: MW12-W-O
Inj Date : 13-SEP-2005 19:33
Operator : AW SRC: LIMS Inst ID: S1.i
Smp Info : D1004-02B,,19698,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$ 1	2-Fluorophenol	112	6.077	6.058	(0.760)	1213879	127.412	64
$ 3	Phenol-d5	99	7.395	7.376	(0.924)	1674600	122.810	61
$ 6	2-Chlorophenol-d4	132	7.654	7.646	(0.957)	1366148	124.826	62
* 8	1,4-Dichlorobenzene-d4	152	8.000	8.003	(1.000)	280155	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	8.238	8.240	(1.030)	475809	65.1864	33
$ 16	Nitrobenzene-d5	82	8.853	8.845	(0.885)	985214	83.4589	42
* 23	Naphthalene-d8	136	9.998	10.001	(1.000)	1159342	40.0000	
$ 33	2-Fluorobiphenyl	172	11.749	11.751	(0.912)	1857502	74.3846	37
* 41	Acenaphthene-d10	164	12.883	12.886	(1.000)	690101	40.0000	
$ 53	2,4,6-Tribromophenol	330	14.190	14.182	(0.925)	552104	125.372	63
* 58	Phenanthrene-d10	188	15.346	15.349	(1.000)	1156584	40.0000	
$ 65	Terphenyl-d14	244	17.982	17.974	(0.911)	2108499	84.5406	42
* 69	Chrysene-d12	240	19.733	19.746	(1.000)	928597	40.0000	
* 76	Perylene-d12	264	22.239	22.252	(1.000)	670653	40.0000	

09/16/05

Data File: S1E5939.D
Report Date: 19-Sep-2005 16:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5939.D
Lab Smp Id: D1004-02B Client Smp ID: MW12-W-O
Inj Date : 13-SEP-2005 19:33
Operator : AW SRC: LIMS Inst ID: S1.i
Smp Info : D1004-02B,,19698,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)

ISTD	RT	AREA	AMOUNT
* 76 Perylene-d12	22.239	2486496	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown			CAS #:				
21.007	412677	6.63869156	3	0		0	76

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5939.D

Date : 13-SEP-2005 19:33

Client ID: MW12-W-O

Instrument: S1.i

Sample Info: D1004-02B,,19698,,

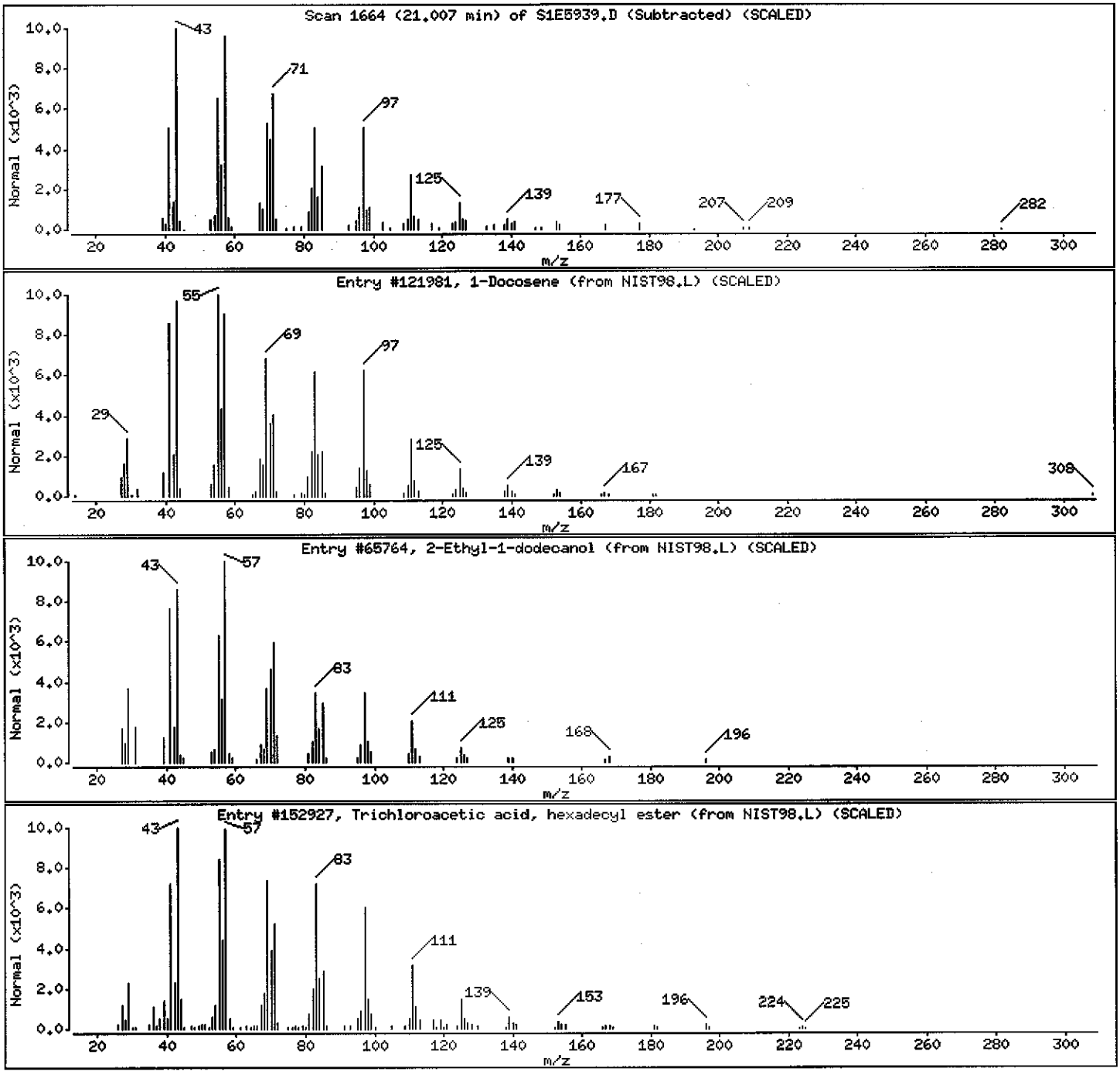
Volume Injected (uL): 2.0

Operator: AW SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Docosene	1599-67-3	NIST98.L	121981	76	C22H44	308
2-Ethyl-1-dodecanol	19780-33-7	NIST98.L	65764	74	C14H30O	214
Trichloroacetic acid, hexadecyl ester	74339-54-1	NIST98.L	152927	70	C18H33Cl3O2	386



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5938

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5938

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SB-RB-W-R

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5938

Level: (low/med) LOW Date Received: 08/25/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	96-76-4	PHENOL, 2,4-BIS(1,1-DIMETHYL	12.84	3	NJ
2.		UNKNOWN	16.77	2	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
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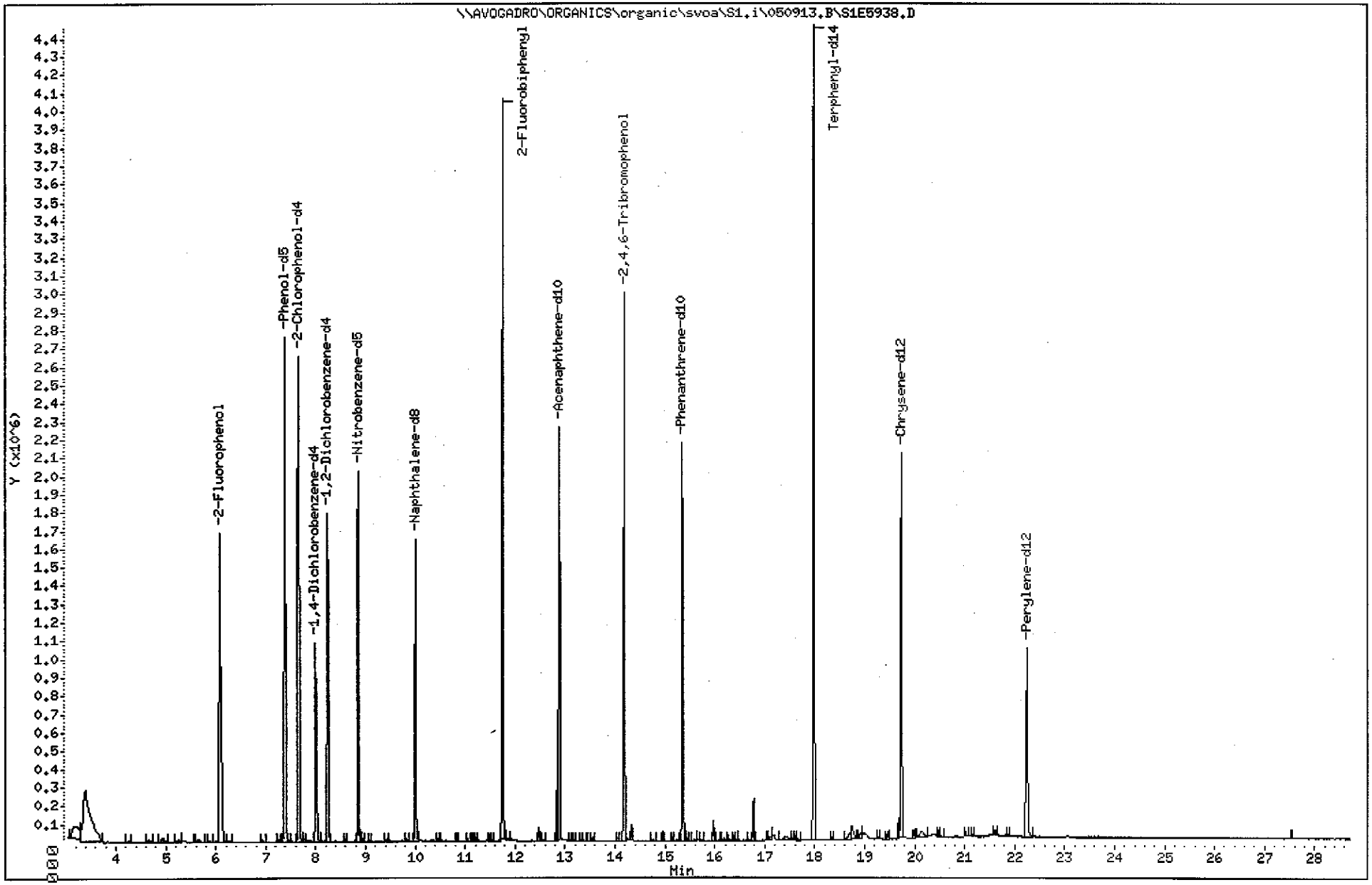
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5938.D
Date : 13-SEP-2005 18:56
Client ID: SB-RB-W-R
Instrument: S1.i
Sample Info: D1004-01C,,19698,,
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S1E5938.D
Report Date: 16-Sep-2005 13:26

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5938.D
Lab Smp Id: D1004-01C Client Smp ID: SB-RB-W-R
Inj Date : 13-SEP-2005 18:56
Operator : AW SRC: LIMS Inst ID: S1.i
Smp Info : D1004-01C,,19698,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$ 1	2-Fluorophenol	112	6.078	6.058	(0.760)	1229422	127.332	64
$ 3	Phenol-d5	99	7.385	7.376	(0.923)	1639494	118.641	59
$ 6	2-Chlorophenol-d4	132	7.656	7.646	(0.957)	1368090	123.346	62
* 8	1,4-Dichlorobenzene-d4	152	8.001	8.003	(1.000)	283921	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	8.239	8.240	(1.030)	467238	63.1631	32
$ 16	Nitrobenzene-d5	82	8.855	8.845	(0.885)	976241	81.2041	41
* 23	Naphthalene-d8	136	10.000	10.001	(1.000)	1180682	40.0000	
$ 33	2-Fluorobiphenyl	172	11.750	11.751	(0.912)	1881131	76.1842	38
* 41	Acenaphthene-d10	164	12.884	12.886	(1.000)	682371	40.0000	
$ 53	2,4,6-Tribromophenol	330	14.192	14.182	(0.925)	576279	127.900	64
* 58	Phenanthrene-d10	188	15.348	15.349	(1.000)	1183370	40.0000	
$ 65	Terphenyl-d14	244	17.984	17.974	(0.911)	2158914	78.8133	39
* 69	Chrysene-d12	240	19.734	19.746	(1.000)	1019894	40.0000	
* 76	Perylene-d12	264	22.251	22.252	(1.000)	754592	40.0000	

09/16/05

Data File: S1E5938.D
Report Date: 19-Sep-2005 16:51

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5938.D
Lab Smp Id: D1004-01C Client Smp ID: SB-RB-W-R
Inj Date : 13-SEP-2005 18:56
Operator : AW SRC: LIMS Inst ID: S1.i
Smp Info : D1004-01C,,19698,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	12.884	3027678	40.000
* 58 Phenanthrene-d10	15.348	3212524	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Phenol, 2,4-bis(1,1-dimethylethyl)-				CAS #: 96-76-4			
12.841	472171	6.23806098	3	94	NIST98.L	60209	41
Unknown				CAS #:			
16.774	330076	4.10986502	2	0		0	58

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5938.D

Date : 13-SEP-2005 18:56

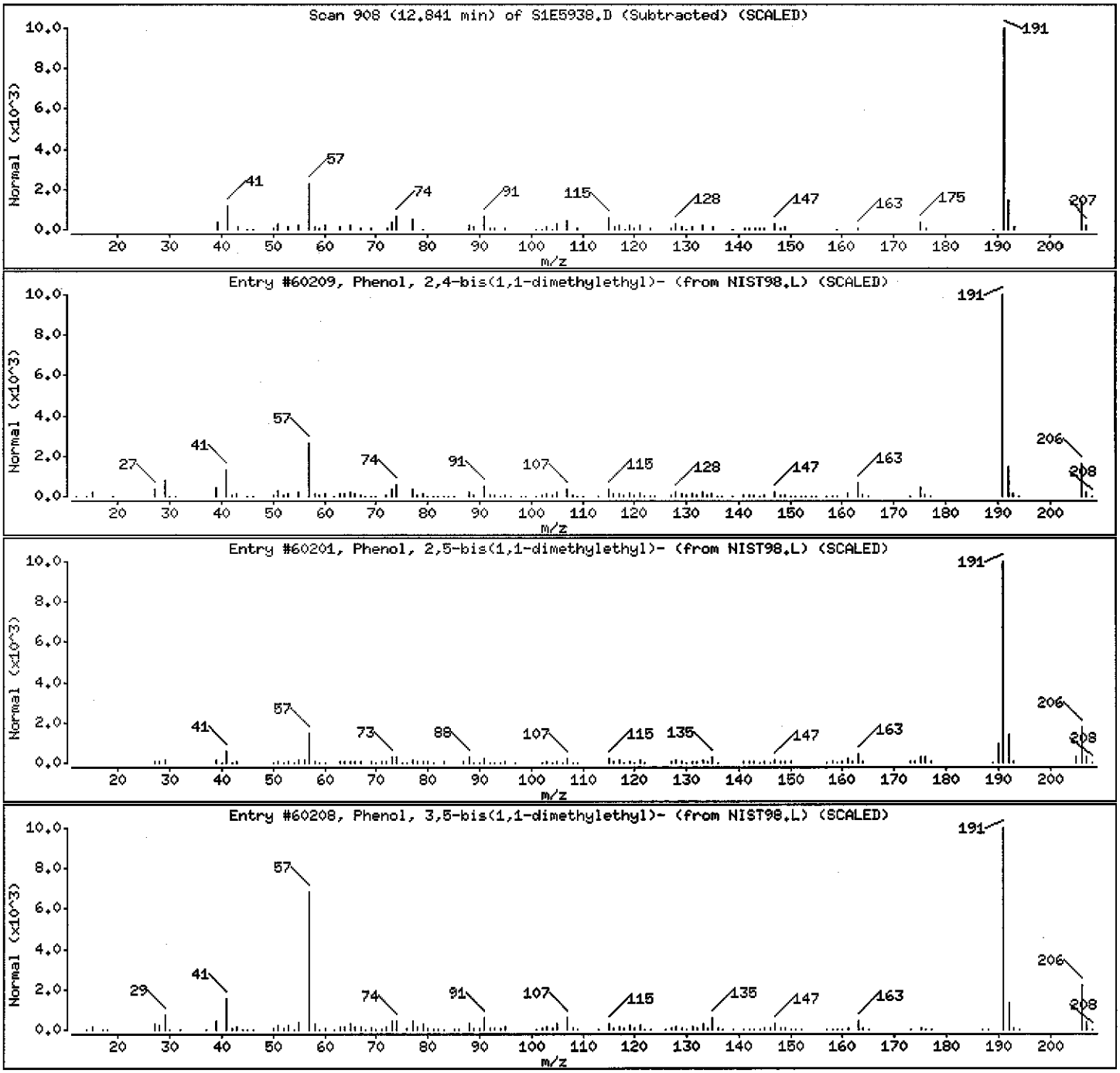
Client ID: SB-RB-W-R Instrument: S1.i

Sample Info: D1004-01C,,19698,,

Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 2,4-bis(1,1-dimethylethyl)-	96-76-4	NIST98.L	60209	94	C14H22O	206
Phenol, 2,5-bis(1,1-dimethylethyl)-	5875-45-6	NIST98.L	60201	90	C14H22O	206
Phenol, 3,5-bis(1,1-dimethylethyl)-	1138-52-9	NIST98.L	60208	90	C14H22O	206



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5938.D

Date : 13-SEP-2005 18:56

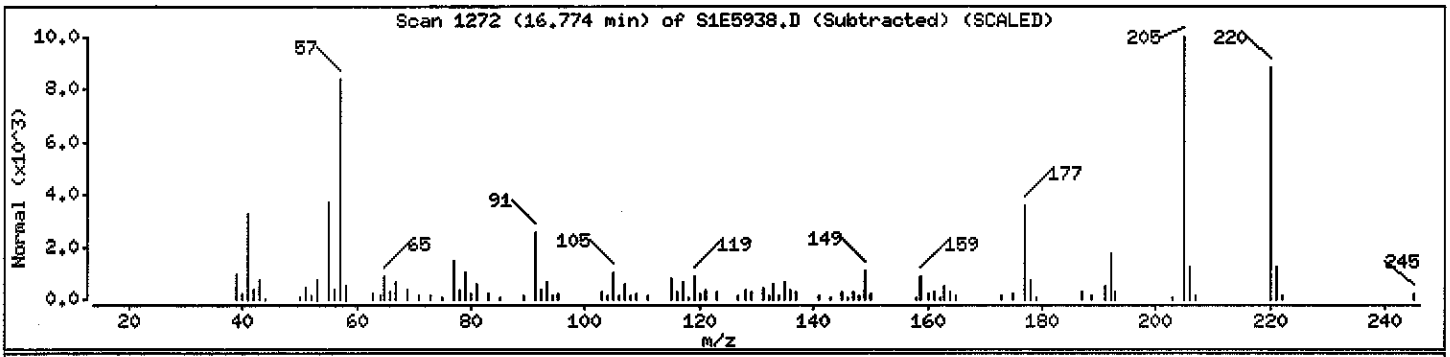
Client ID: SB-RB-W-R Instrument: S1.i

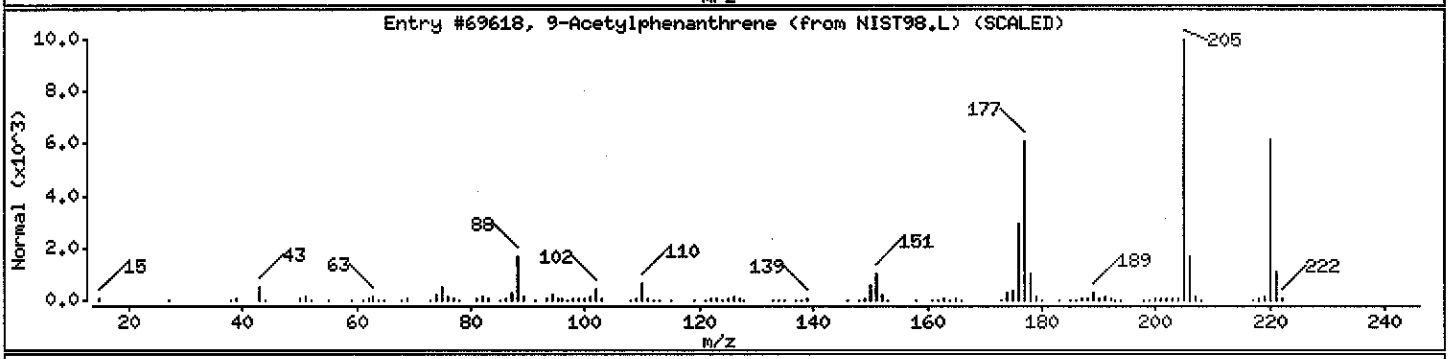
Sample Info: D1004-01C,,19698,,

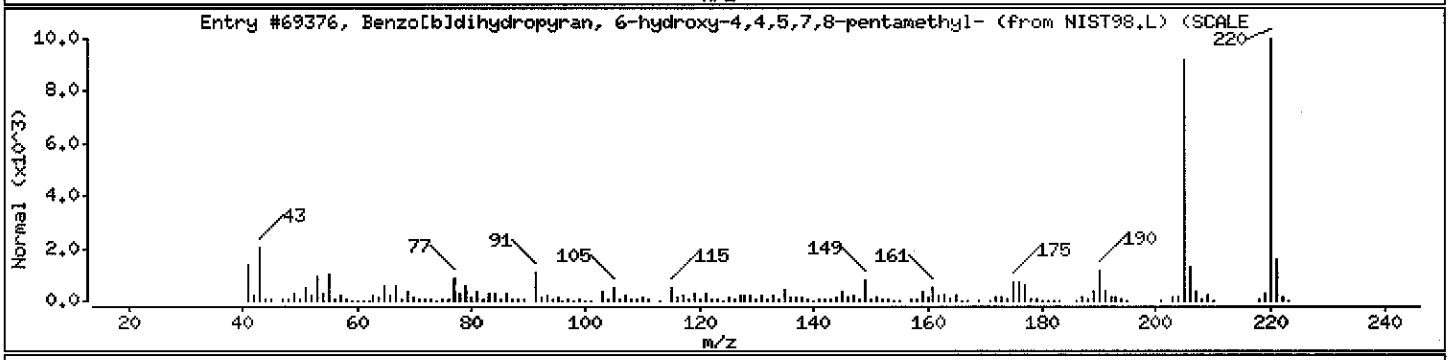
Volume Injected (uL): 2.0 Operator: AW SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9-Acetylphenanthrene	2039-77-2	NIST98.L	69618	72	C16H12O	220
Benzo[b]dihydropyran, 6-hydroxy-4,4,5,7,	50442-70-1	NIST98.L	69376	68	C14H20O2	220







6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: S1 Calibration Date(s): 08/31/05 08/31/05

Calibration Times: 1130 1417

LAB FILE ID: RRF20 = S1E5795 RRF50 = S1E5793
RRF80 = S1E5796 RRF120= S1E5797 RRF160= S1E5794

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD
Benzaldehyde		0.175	0.197	0.194	0.267	0.356	0.238	31.4
Phenol	*	1.793	1.817	1.646	1.893	1.547	1.739	8.1*
bis(2-Chloroethyl)Ether	*	1.415	1.442	1.366	1.496	1.270	1.398	6.1*
2-Chlorophenol	*	1.464	1.449	1.308	1.565	1.336	1.424	7.3*
2-Methylphenol	*	1.339	1.331	1.221	1.458	1.199	1.310	8.0*
2,2'-oxybis(1-Chloropropane)		1.895	1.960	1.712	2.024	1.665	1.851	8.4
Acetophenone		2.069	2.056	1.789	2.051	1.691	1.931	9.2
4-Methylphenol	*	1.427	1.423	1.322	1.532	1.271	1.395	7.3*
N-Nitroso-di-n-propylamine	*	1.083	1.058	0.947	1.086	0.875	1.010	9.3*
Hexachloroethane	*	0.656	0.671	0.619	0.718	0.612	0.655	6.6*
Nitrobenzene	*	0.412	0.375	0.374	0.422	0.331	0.383	9.4*
Isophorone	*	0.766	0.716	0.679	0.834	0.651	0.729	10.0*
2-Nitrophenol	*	0.230	0.209	0.206	0.235	0.183	0.213	9.7*
2,4-Dimethylphenol	*	0.351	0.333	0.323	0.367	0.295	0.334	8.3*
bis(2-Chloroethoxy)methane	*	0.478	0.450	0.438	0.481	0.367	0.443	10.4*
2,4-Dichlorophenol	*	0.322	0.301	0.300	0.340	0.269	0.306	8.7*
Naphthalene	*	1.111	1.045	0.967	1.084	0.916	1.025	8.0*
4-Chloroaniline		0.133	0.131	0.119	0.129	0.067	0.116	23.9
Hexachlorobutadiene		0.195	0.182	0.177	0.208	0.170	0.186	8.0
Caprolactam		0.152	0.143	0.142	0.164	0.132	0.147	8.3
4-Chloro-3-Methylphenol	*	0.338	0.320	0.307	0.385	0.304	0.331	10.1*
2-Methylnaphthalene	*	0.729	0.670	0.645	0.722	0.598	0.673	8.1*
Hexachlorocyclopentadiene		0.291	0.331	0.330	0.375	0.333	0.332	9.0
2,4,6-Trichlorophenol	*	0.412	0.397	0.391	0.444	0.387	0.406	5.7*
2,4,5-Trichlorophenol	*		0.450	0.408	0.471	0.427	0.439	6.3*
1,1'-Biphenyl		1.521	1.401	1.324	1.582	1.290	1.424	8.8
2-Chloronaphthalene	*	1.181	1.148	1.087	1.207	1.026	1.130	6.5*
2-Nitroaniline			0.377	0.361	0.413	0.355	0.377	7.0
Dimethylphthalate		1.505	1.502	1.395	1.591	1.306	1.460	7.6
2,6-Dinitrotoluene	*	0.377	0.359	0.324	0.404	0.328	0.358	9.3*
Acenaphthylene	*	1.900	1.882	1.704	1.901	1.695	1.816	5.9*
3-Nitroaniline			0.348	0.343	0.385	0.317	0.348	8.0
Acenaphthene	*	1.137	1.133	1.044	1.145	1.051	1.102	4.5*
2,4-Dinitrophenol			0.153	0.188	0.227	0.202	0.193	16.1
4-Nitrophenol			0.208	0.204	0.244	0.211	0.217	8.4
Dibenzofuran	*	1.682	1.663	1.560	1.768	1.529	1.640	5.9*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6D

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: S1 Calibration Date(s): 08/31/05 08/31/05

Calibration Times: 1130 1417

LAB FILE ID: RRF20 = S1E5795 RRF50 = S1E5793
RRF80 = S1E5796 RRF120= S1E5797 RRF160= S1E5794

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD
2,4-Dinitrotoluene	*	0.475	0.481	0.470	0.526	0.452	0.481	5.7*
Diethylphthalate		1.572	1.575	1.483	1.651	1.457	1.548	5.1
Fluorene	*	1.368	1.312	1.247	1.417	1.239	1.317	5.8*
4-Chlorophenyl-phenylether	*	0.705	0.690	0.629	0.755	0.657	0.687	7.0*
4-Nitroaniline			0.351	0.349	0.396	0.343	0.360	6.8
4,6-Dinitro-2-methylphenol			0.160	0.178	0.217	0.170	0.181	13.9
N-Nitrosodiphenylamine (1)		0.516	0.517	0.489	0.577	0.417	0.503	11.5
4-Bromophenyl-phenylether	*	0.258	0.235	0.239	0.279	0.234	0.249	7.7*
Hexachlorobenzene	*	0.301	0.281	0.271	0.318	0.257	0.286	8.5*
Atrazine		0.110	0.104	0.104	0.118	0.085	0.104	11.5
Pentachlorophenol	*		0.174	0.178	0.220	0.177	0.187	11.7*
Phenanthrene	*	1.175	1.129	1.096	1.314	1.060	1.155	8.5*
Anthracene	*	1.117	1.083	1.070	1.191	0.962	1.085	7.7*
Carbazole		1.079	0.956	0.926	1.060	0.844	0.973	10.0
Di-n-butylphthalate		1.782	1.608	1.593	1.853	1.494	1.666	8.8
Fluoranthene	*	1.252	1.171	1.158	1.301	1.102	1.197	6.6*
Pyrene	*	1.513	1.348	1.429	1.783	1.469	1.508	11.0*
Butylbenzylphthalate		0.853	0.812	0.811	0.983	0.825	0.857	8.5
3,3'-Dichlorobenzidine		0.297	0.294	0.286	0.341	0.252	0.294	10.9
Benzo(a)anthracene	*	1.275	1.267	1.253	1.524	1.314	1.327	8.5*
Chrysene	*	1.340	1.250	1.103	1.528	1.284	1.301	11.9*
bis(2-Ethylhexyl)phthalate		1.159	1.083	1.105	1.405	1.223	1.195	10.8
Di-n-octylphthalate		2.152	2.159	2.148	2.558	2.270	2.257	7.8
Benzo(b)fluoranthene	*	1.384	1.413	1.414	1.687	1.563	1.492	8.7*
Benzo(k)fluoranthene	*	1.638	1.545	1.465	1.826	1.487	1.592	9.2*
Benzo(a)pyrene	*	1.235	1.235	1.200	1.426	1.184	1.256	7.8*
Indeno(1,2,3-cd)pyrene	*	1.318	1.365	1.300	1.578	1.370	1.386	8.0*
Dibenzo(a,h)anthracene	*	1.090	1.138	1.077	1.300	1.156	1.152	7.7*
Benzo(g,h,i)perylene	*	1.070	1.147	1.064	1.301	1.110	1.138	8.5*
Nitrobenzene-d5	*	0.445	0.416	0.410	0.469	0.373	0.423	8.7*
2-Fluorobiphenyl	*	1.406	1.399	1.303	1.463	1.274	1.369	5.7*
Terphenyl-d14	*	1.110	1.073	1.083	1.304	1.136	1.141	8.2*
Phenol-d5	*	1.764	1.788	1.634	1.901	1.546	1.727	8.0*
2-Fluorophenol	*	1.391	1.411	1.346	1.667	1.390	1.441	8.9*
2,4,6-Tribromophenol		0.181	0.182	0.182	0.213	0.177	0.187	7.8
2-Chlorophenol-d4	*	1.561	1.570	1.417	1.726	1.442	1.543	8.0*
1,2-Dichlorobenzene-d4	*	1.008	0.994	0.901	1.075	0.883	0.972	8.2*

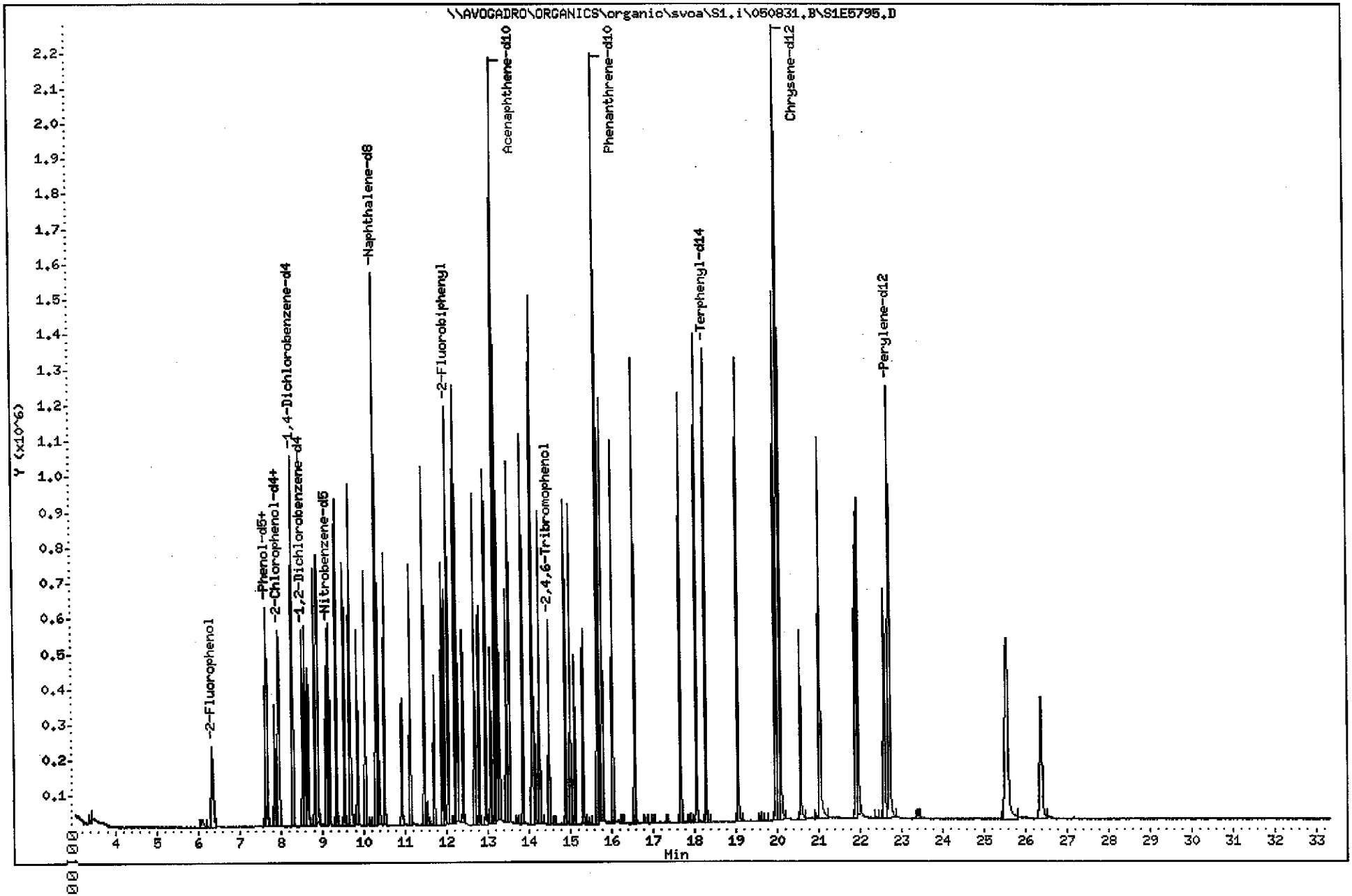
(1) Cannot be separated from Diphenylamine
* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5795.D
Date : 31-AUG-2005 12:53
Client ID: SSTD0201Q
Sample Info: SSTD0201Q,SSTD0201Q

Instrument: S1.i

Operator: AW/AJ SRC: AW/AJ
Column diameter: 0.25

Column phase: DB-5MS



Data File: S1E5795.D
Report Date: 01-Sep-2005 13:36

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5795.D
Lab Smp Id: SSTD0201Q Client Smp ID: SSTD0201Q
Inj Date : 31-AUG-2005 12:53
Operator : AW/AJ SRC: AW/AJ Inst ID: S1.i
Smp Info : SSTD0201Q,SSTD0201Q
Misc Info : 1,1,SSTD020,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\s1_olm4_2_S.m
Meth Date : 31-Aug-2005 16:23 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:30 Cal File: S1E5793.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	6.336	6.347	(0.764)	226663	20.0000	20
	2 Benzaldehyde	77	7.644	7.644	(0.922)	28486	20.0000	14
$	3 Phenol-d5	99	7.644	7.655	(0.922)	287422	20.0000	21
	4 Phenol	94	7.665	7.676	(0.924)	292070	20.0000	21
	5 bis(2-Chloroethyl)Ether	93	7.849	7.860	(0.947)	230579	20.0000	21
$	6 2-Chlorophenol-d4	132	7.946	7.936	(0.958)	254378	20.0000	20
	7 2-Chlorophenol	128	7.968	7.968	(0.961)	238560	20.0000	21
*	8 1,4-Dichlorobenzene-d4	152	8.292	8.303	(1.000)	325858	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	8.540	8.303	(1.030)	164165	20.0000	21
	10 2-Methylphenol	108	8.605	8.605	(1.038)	218240	20.0000	21
	11 2,2'-oxybis(1-Chloropropane)	45	8.670	8.681	(1.046)	308733	20.0000	21
	12 Acetophenone	105	8.897	8.908	(1.073)	337096	20.0000	21
	13 4-Methylphenol	108	8.832	8.854	(1.065)	232496	20.0000	21
	14 N-Nitroso-di-n-propylamine	70	8.875	8.886	(1.070)	176486	20.0000	22
	15 Hexachloroethane	117	9.091	9.102	(1.096)	106881	20.0000	20
$	16 Nitrobenzene-d5	82	9.145	9.156	(0.887)	283438	20.0000	22
	17 Nitrobenzene	77	9.178	9.178	(0.890)	262184	20.0000	22
	18 Isophorone	82	9.534	9.545	(0.925)	487810	20.0000	22
	19 2-Nitrophenol	139	9.675	9.686	(0.938)	146255	20.0000	22
	20 2,4-Dimethylphenol	107	9.685	9.697	(0.939)	223778	20.0000	22
	21 bis(2-Chloroethoxy)methane	93	9.858	9.858	(0.956)	304784	20.0000	22
	22 2,4-Dichlorophenol	162	10.042	10.053	(0.974)	205154	20.0000	22
*	23 Naphthalene-d8	136	10.312	10.312	(1.000)	1273944	40.0000	
	24 Naphthalene	128	10.344	10.345	(1.003)	707648	20.0000	22
	25 4-Chloroaniline	127	10.388	10.399	(1.007)	84950	20.0000	24
	26 Hexachlorobutadiene	225	10.517	10.528	(1.020)	123982	20.0000	21

Data File: S1E5795.D
Report Date: 01-Sep-2005 13:36

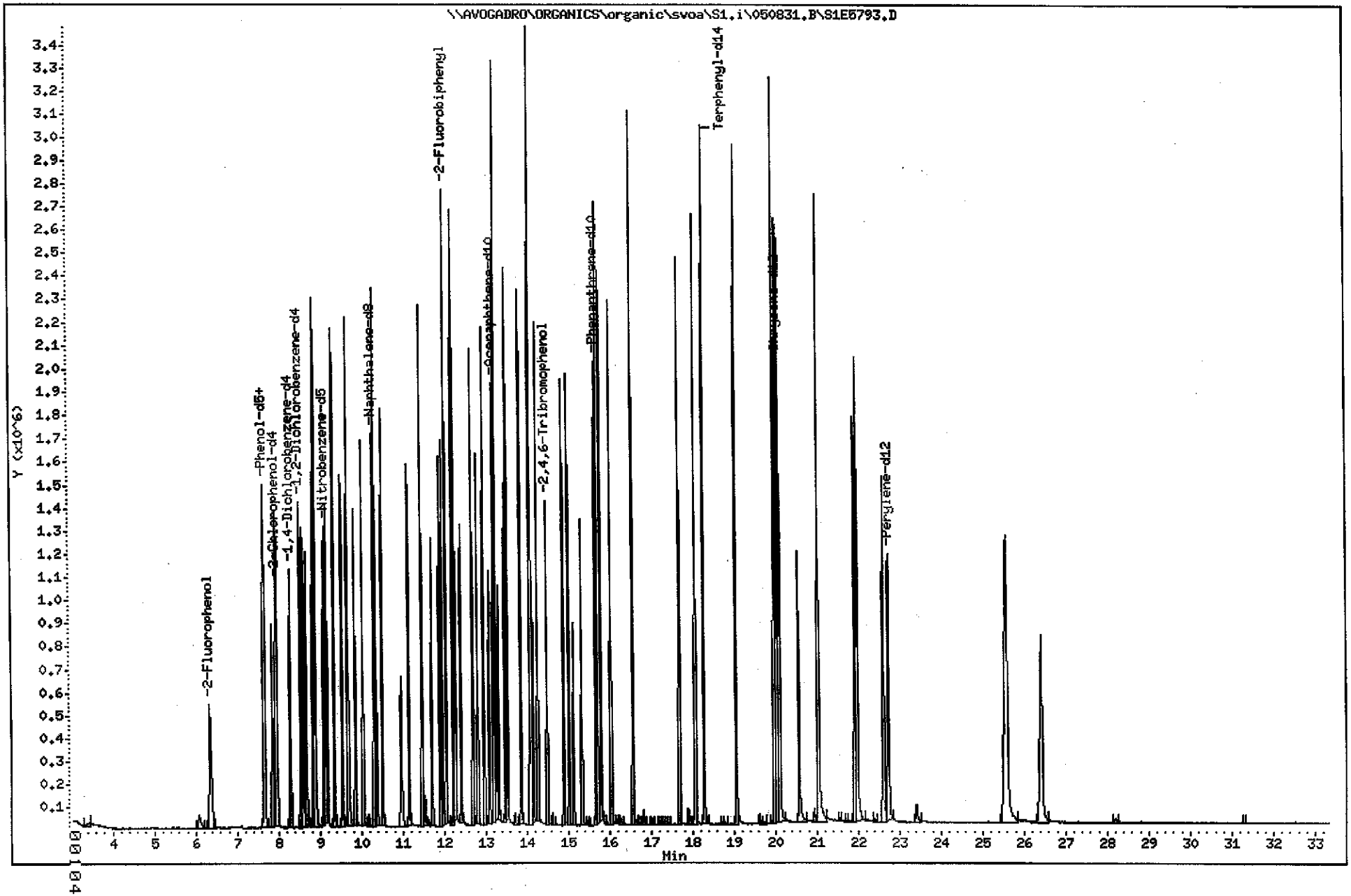
		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	27	Caprolactam	113	10.939	10.982	(1.061)	96811	20.0000	21
	28	4-Chloro-3-Methylphenol	107	11.144	11.155	(1.081)	215023	20.0000	21
	29	2-Methylnaphthalene	142	11.468	11.468	(1.112)	464620	20.0000	22
	30	Hexachlorocyclopentadiene	237	11.716	11.717	(0.888)	108885	20.0000	18
	31	2,4,6-Trichlorophenol	196	11.900	11.911	(0.902)	153994	20.0000	21
	32	2,4,5-Trichlorophenol	196	11.965	11.976	(0.907)	158960	20.0000	19
$	33	2-Fluorobiphenyl	172	12.051	12.052	(0.913)	526070	20.0000	21
	34	1,1'-Biphenyl	154	12.224	12.235	(0.926)	569059	20.0000	22
	35	2-Chloronaphthalene	162	12.267	12.279	(0.930)	441750	20.0000	21
	36	2-Nitroaniline	65	12.408	12.419	(0.940)	132287	20.0000	19
	37	Dimethylphthalate	163	12.689	12.711	(0.962)	562952	20.0000	21
	38	2,6-Dinitrotoluene	165	12.808	12.819	(0.971)	140884	20.0000	21
	39	Acenaphthylene	152	12.959	12.970	(0.982)	711044	20.0000	21
	40	3-Nitroaniline	138	13.089	13.100	(0.992)	132712	20.0000	21
*	41	Acenaphthene-d10	164	13.197	13.208	(1.000)	748347	40.0000	
	42	Acenaphthene	153	13.251	13.262	(1.004)	425331	20.0000	21
	43	2,4-Dinitrophenol	184	13.251	13.272	(1.004)	42283	20.0000	13
	44	4-Nitrophenol	109	13.305	13.326	(1.008)	77965	20.0000	20
	45	Dibenzofuran	168	13.532	13.543	(1.025)	629444	20.0000	21
	46	2,4-Dinitrotoluene	165	13.467	13.489	(1.020)	177833	20.0000	20
	47	Diethylphthalate	149	13.856	13.867	(1.050)	588344	20.0000	20
	48	Fluorene	166	14.104	14.115	(1.069)	511964	20.0000	21
	49	4-Chlorophenyl-phenylether	204	14.082	14.083	(1.067)	263770	20.0000	21
	50	4-Nitroaniline	138	14.104	14.115	(1.069)	137508	20.0000	21
	51	4,6-Dinitro-2-methylphenol	198	14.147	14.158	(0.903)	86295	20.0000	17
	52	N-Nitrosodiphenylamine	169	14.266	14.277	(0.910)	326800	20.0000	21
$	53	2,4,6-Tribromophenol	330	14.493	14.504	(0.925)	114369	20.0000	20
	54	4-Bromophenyl-phenylether	248	14.893	14.904	(0.950)	163386	20.0000	21
	55	Hexachlorobenzene	284	15.012	15.023	(0.958)	190843	20.0000	22
	56	Atrazine	200	15.120	15.141	(0.965)	69424	20.0000	22
	57	Pentachlorophenol	266	15.325	15.325	(0.978)	110786	20.0000	20
*	58	Phenanthrene-d10	188	15.671	15.671	(1.000)	1265988	40.0000	
	59	Phenanthrene	178	15.703	15.714	(1.002)	744049	20.0000	21
	60	Anthracene	178	15.789	15.800	(1.008)	707019	20.0000	21
	61	Carbazole	167	16.038	16.049	(1.023)	683205	20.0000	22
	62	Di-n-butylphthalate	149	16.567	16.568	(1.057)	1128216	20.0000	22
	63	Fluoranthene	202	17.680	17.691	(1.128)	792361	20.0000	21
	64	Pyrene	202	18.069	18.080	(0.901)	863543	20.0000	21
$	65	Terphenyl-d14	244	18.285	18.285	(0.912)	633671	20.0000	20
	66	Butylbenzylphthalate	149	19.063	19.063	(0.950)	486680	20.0000	21
	67	3,3'-Dichlorobenzidine	252	19.960	19.971	(0.995)	169339	20.0000	21
	68	Benzo(a)anthracene	228	20.035	20.046	(0.999)	727818	20.0000	20
*	69	Chrysene-d12	240	20.057	20.068	(1.000)	1141363	40.0000	
	70	Chrysene	228	20.100	20.111	(1.002)	764689	20.0000	21
	71	bis(2-Ethylhexyl)phthalate	149	19.981	19.981	(0.996)	661180	20.0000	20
	72	Di-n-octylphthalate	149	21.040	21.040	(0.925)	1121748	20.0000	20
	73	Benzo(b)fluoranthene	252	21.915	21.926	(0.964)	721200	20.0000	19

Data File: S1E5795.D
Report Date: 01-Sep-2005 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
74	Benzo(k)fluoranthene	252	21.969	21.991	(0.966)	853809	20.0000	21
75	Benzo(a)pyrene	252	22.606	22.618	(0.994)	643785	20.0000	20
* 76	Perylene-d12	264	22.736	22.736	(1.000)	1042448	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	25.534	25.556	(1.123)	686924	20.0000	20
78	Dibenzo(a,h)anthracene	278	25.567	25.589	(1.124)	568191	20.0000	19
79	Benzo(g,h,i)perylene	276	26.388	26.420	(1.161)	557805	20.0000	19

09/01/05
AW

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5793.D
Date : 31-AUG-2005 11:30
Client ID: SSTD0501Q
Instrument: S1.i
Sample Info: SSTD0501Q,SSTD0501Q
Operator: AW/AJ SRC: AW/AJ
Column phase: DB-5MS
Column diameter: 0.25



Data File: S1E5793.D
Report Date: 01-Sep-2005 13:36

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5793.D
Lab Smp Id: SSTD0501Q Client Smp ID: SSTD0501Q
Inj Date : 31-AUG-2005 11:30
Operator : AW/AJ SRC: AW/AJ Inst ID: S1.i
Smp Info : SSTD0501Q,SSTD0501Q
Misc Info : 2,3,SSTD050,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\s1_olm4_2_S.m
Meth Date : 31-Aug-2005 16:23 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:30 Cal File: S1E5793.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$	1 2-Fluorophenol	112	6.338	6.347	(0.764)	567868	50.0000	50
	2 Benzaldehyde	77	7.634	7.644	(0.921)	79436	50.0000	50
$	3 Phenol-d5	99	7.645	7.655	(0.922)	719205	50.0000	50
	4 Phenol	94	7.666	7.676	(0.924)	731180	50.0000	50
	5 bis(2-Chloroethyl)Ether	93	7.850	7.860	(0.947)	580014	50.0000	50
$	6 2-Chlorophenol-d4	132	7.936	7.936	(0.957)	631712	50.0000	50
	7 2-Chlorophenol	128	7.969	7.968	(0.961)	582827	50.0000	50
*	8 1,4-Dichlorobenzene-d4	152	8.293	8.303	(1.000)	321860	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	8.531	8.303	(1.029)	399837	50.0000	50
	10 2-Methylphenol	108	8.595	8.605	(1.036)	535386	50.0000	50
	11 2,2'-oxybis(1-Chloropropane)	45	8.671	8.681	(1.046)	788397	50.0000	50
	12 Acetophenone	105	8.898	8.908	(1.073)	827356	50.0000	50
	13 4-Methylphenol	108	8.833	8.854	(1.065)	572418	50.0000	50
	14 N-Nitroso-di-n-propylamine	70	8.876	8.886	(1.070)	425675	50.0000	50
	15 Hexachloroethane	117	9.092	9.102	(1.096)	269926	50.0000	50
$	16 Nitrobenzene-d5	82	9.146	9.156	(0.888)	685770	50.0000	50
	17 Nitrobenzene	77	9.179	9.178	(0.891)	618623	50.0000	50
	18 Isophorone	82	9.535	9.545	(0.926)	1181273	50.0000	50
	19 2-Nitrophenol	139	9.676	9.686	(0.939)	344142	50.0000	50
	20 2,4-Dimethylphenol	107	9.687	9.697	(0.940)	549422	50.0000	50
	21 bis(2-Chloroethoxy)methane	93	9.860	9.858	(0.957)	742817	50.0000	50
	22 2,4-Dichlorophenol	162	10.043	10.053	(0.975)	496008	50.0000	50
*	23 Naphthalene-d8	136	10.302	10.312	(1.000)	1320334	40.0000	
	24 Naphthalene	128	10.346	10.345	(1.004)	1724380	50.0000	50
	25 4-Chloroaniline	127	10.389	10.399	(1.008)	216684	50.0000	50
	26 Hexachlorobutadiene	225	10.519	10.528	(1.021)	300515	50.0000	50

Data File: S1E5793.D
Report Date: 01-Sep-2005 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	10.962	10.982	(1.064)	235572	50.0000	50
	28 4-Chloro-3-Methylphenol	107	11.145	11.155	(1.082)	528952	50.0000	50
	29 2-Methylnaphthalene	142	11.458	11.468	(1.112)	1105340	50.0000	50
	30 Hexachlorocyclopentadiene	237	11.707	11.717	(0.887)	296608	50.0000	50
	31 2,4,6-Trichlorophenol	196	11.901	11.911	(0.902)	355638	50.0000	50
	32 2,4,5-Trichlorophenol	196	11.966	11.976	(0.907)	402585	50.0000	50
$	33 2-Fluorobiphenyl	172	12.053	12.052	(0.913)	1252696	50.0000	50
	34 1,1'-Biphenyl	154	12.226	12.235	(0.926)	1254423	50.0000	50
	35 2-Chloronaphthalene	162	12.280	12.279	(0.930)	1028256	50.0000	50
	36 2-Nitroaniline	65	12.420	12.419	(0.941)	337514	50.0000	50
	37 Dimethylphthalate	163	12.701	12.711	(0.962)	1344643	50.0000	50
	38 2,6-Dinitrotoluene	165	12.809	12.819	(0.971)	321672	50.0000	50
	39 Acenaphthylene	152	12.971	12.970	(0.983)	1685186	50.0000	50
	40 3-Nitroaniline	138	13.090	13.100	(0.992)	311387	50.0000	50
*	41 Acenaphthene-d10	164	13.198	13.208	(1.000)	716337	40.0000	
	42 Acenaphthene	153	13.252	13.262	(1.004)	1014381	50.0000	50
	43 2,4-Dinitrophenol	184	13.263	13.272	(1.005)	136600	50.0000	50
	44 4-Nitrophenol	109	13.317	13.326	(1.009)	186149	50.0000	50
	45 Dibenzofuran	168	13.533	13.543	(1.025)	1488734	50.0000	50
	46 2,4-Dinitrotoluene	165	13.479	13.489	(1.021)	430787	50.0000	50
	47 Diethylphthalate	149	13.857	13.867	(1.050)	1409992	50.0000	50
	48 Fluorene	166	14.105	14.115	(1.069)	1175095	50.0000	50
	49 4-Chlorophenyl-phenylether	204	14.084	14.083	(1.067)	617800	50.0000	50
	50 4-Nitroaniline	138	14.116	14.115	(1.070)	314345	50.0000	50
	51 4,6-Dinitro-2-methylphenol	198	14.159	14.158	(0.903)	245291	50.0000	50
	52 N-Nitrosodiphenylamine	169	14.267	14.277	(0.910)	794075	50.0000	50
$	53 2,4,6-Tribromophenol	330	14.494	14.504	(0.925)	280486	50.0000	50
	54 4-Bromophenyl-phenylether	248	14.894	14.904	(0.950)	361934	50.0000	50
	55 Hexachlorobenzene	284	15.013	15.023	(0.958)	431766	50.0000	50
	56 Atrazine	200	15.132	15.141	(0.966)	159799	50.0000	50
	57 Pentachlorophenol	266	15.326	15.325	(0.978)	266938	50.0000	50
*	58 Phenanthrene-d10	188	15.672	15.671	(1.000)	1229787	40.0000	
	59 Phenanthrene	178	15.715	15.714	(1.003)	1735657	50.0000	50
	60 Anthracene	178	15.791	15.800	(1.008)	1665589	50.0000	50
	61 Carbazole	167	16.039	16.049	(1.023)	1469196	50.0000	50
	62 Di-n-butylphthalate	149	16.569	16.568	(1.057)	2471239	50.0000	50
	63 Fluoranthene	202	17.692	17.691	(1.129)	1799432	50.0000	50
	64 Pyrene	202	18.070	18.080	(0.900)	1812563	50.0000	50
$	65 Terphenyl-d14	244	18.286	18.285	(0.911)	1443763	50.0000	50
	66 Butylbenzylphthalate	149	19.064	19.063	(0.950)	1091778	50.0000	50
	67 3,3'-Dichlorobenzidine	252	19.961	19.971	(0.995)	395554	50.0000	50
	68 Benzo(a)anthracene	228	20.047	20.046	(0.999)	1704176	50.0000	50
*	69 Chrysene-d12	240	20.069	20.068	(1.000)	1075949	40.0000	
	70 Chrysene	228	20.112	20.111	(1.002)	1681725	50.0000	50
	71 bis(2-Ethylhexyl)phthalate	149	19.982	19.981	(0.996)	1456184	50.0000	50
	72 Di-n-octylphthalate	149	21.041	21.040	(0.925)	2635174	50.0000	50
	73 Benzo(b)fluoranthene	252	21.916	21.926	(0.964)	1724934	50.0000	50

Data File: S1E5793.D
Report Date: 01-Sep-2005 13:36

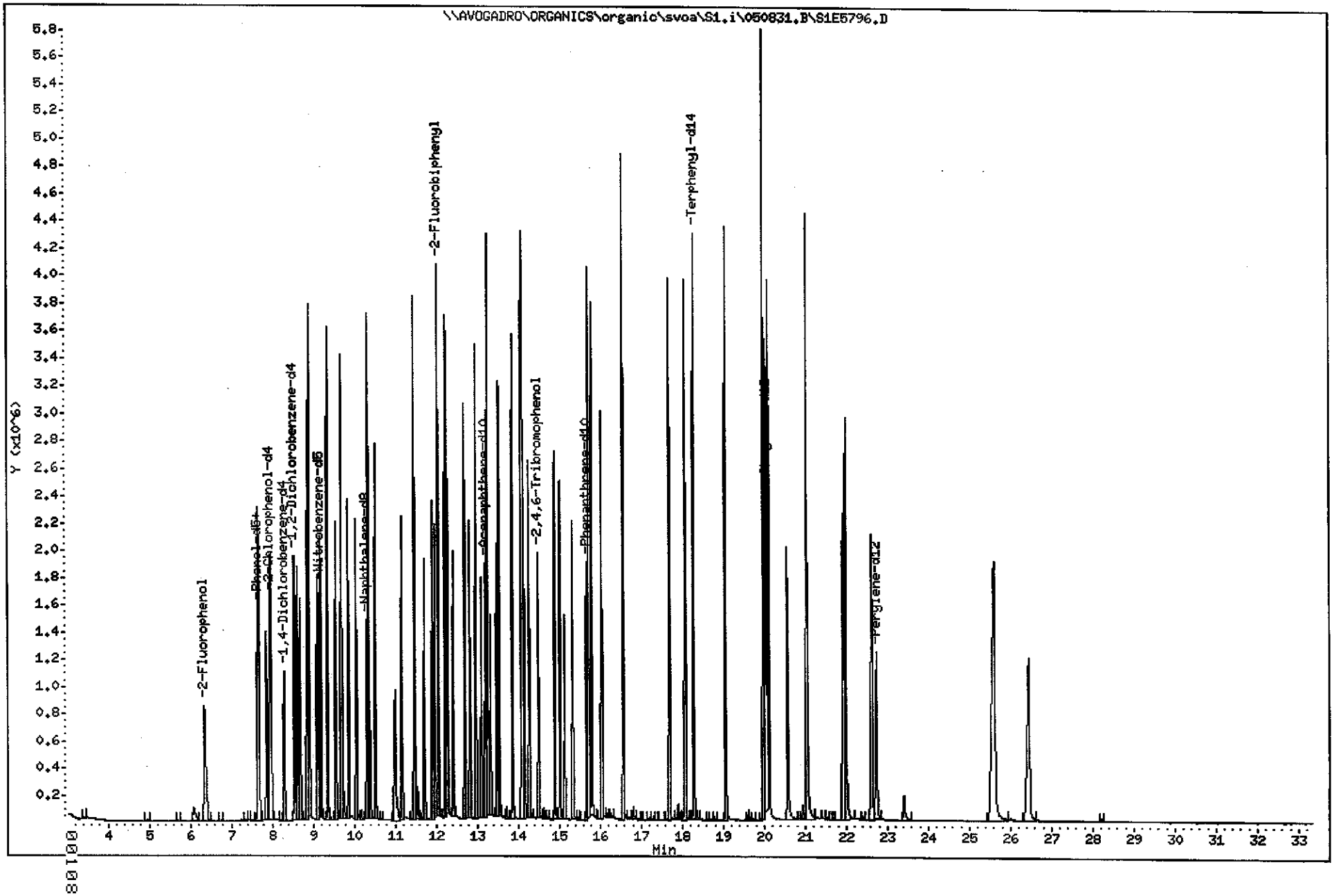
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
74 Benzo(k)fluoranthene	252	21.981	21.991	(0.967)	1885038	50.0000	50
75 Benzo(a)pyrene	252	22.619	22.618	(0.995)	1507347	50.0000	50
* 76 Perylene-d12	264	22.737	22.736	(1.000)	976358	40.0000	
77 Indeno(1,2,3-cd)pyrene	276	25.546	25.556	(1.124)	1666491	50.0000	50
78 Dibenzo(a,h)anthracene	278	25.590	25.589	(1.125)	1388480	50.0000	50
79 Benzo(g,h,i)perylene	276	26.421	26.420	(1.162)	1399529	50.0000	50

9/01/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5796.D
Date : 31-AUG-2005 13:35
Client ID: SSTD0801Q
Sample Info: SSTD0801Q,SSTD0801Q

Instrument: S1.i

Operator: AW/AJ SRC: AW/AJ
Column phase: DB-5MS
Column diameter: 0.25



Data File: S1E5796.D
Report Date: 01-Sep-2005 13:36

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5796.D
Lab Smp Id: SSTD0801Q Client Smp ID: SSTD0801Q
Inj Date : 31-AUG-2005 13:35
Operator : AW/AJ SRC: AW/AJ Inst ID: S1.i
Smp Info : SSTD0801Q,SSTD0801Q
Misc Info : 1,3,SSTD080,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\s1_olm4_2_S.m
Meth Date : 31-Aug-2005 16:23 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:30 Cal File: S1E5793.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$	1 2-Fluorophenol	112	6.340	6.347	(0.764)	890909	80.0000	78
	2 Benzaldehyde	77	7.648	7.644	(0.922)	128498	80.0000	67
$	3 Phenol-d5	99	7.658	7.655	(0.923)	1081763	80.0000	78
	4 Phenol	94	7.680	7.676	(0.926)	1089526	80.0000	77
	5 bis(2-Chloroethyl)Ether	93	7.864	7.860	(0.948)	903994	80.0000	80
$	6 2-Chlorophenol-d4	132	7.950	7.936	(0.958)	937982	80.0000	76
	7 2-Chlorophenol	128	7.972	7.968	(0.961)	865789	80.0000	75
*	8 1,4-Dichlorobenzene-d4	152	8.296	8.303	(1.000)	330947	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	8.544	8.303	(1.030)	596064	80.0000	76
	10 2-Methylphenol	108	8.609	8.605	(1.038)	808287	80.0000	77
	11 2,2'-oxybis(1-Chloropropane)	45	8.674	8.681	(1.046)	1133091	80.0000	76
	12 Acetophenone	105	8.912	8.908	(1.074)	1183870	80.0000	75
	13 4-Methylphenol	108	8.847	8.854	(1.066)	874862	80.0000	78
	14 N-Nitroso-di-n-propylamine	70	8.901	8.886	(1.073)	626762	80.0000	76
	15 Hexachloroethane	117	9.095	9.102	(1.096)	409466	80.0000	77
$	16 Nitrobenzene-d5	82	9.149	9.156	(0.887)	1064084	80.0000	80
	17 Nitrobenzene	77	9.182	9.178	(0.890)	971095	80.0000	80
	18 Isophorone	82	9.549	9.545	(0.926)	1761967	80.0000	77
	19 2-Nitrophenol	139	9.679	9.686	(0.938)	534772	80.0000	80
	20 2,4-Dimethylphenol	107	9.700	9.697	(0.940)	838203	80.0000	79
	21 bis(2-Chloroethoxy)methane	93	9.862	9.858	(0.956)	1136272	80.0000	81
	22 2,4-Dichlorophenol	162	10.057	10.053	(0.975)	778062	80.0000	80
*	23 Naphthalene-d8	136	10.316	10.312	(1.000)	1298031	40.0000	
	24 Naphthalene	128	10.349	10.345	(1.003)	2510344	80.0000	77
	25 4-Chloroaniline	127	10.392	10.399	(1.007)	307870	80.0000	84
	26 Hexachlorobutadiene	225	10.521	10.528	(1.020)	459835	80.0000	78

Data File: S1E5796.D
Report Date: 01-Sep-2005 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	10.997	10.982	(1.066)	368972	80.0000	80
	28 4-Chloro-3-Methylphenol	107	11.159	11.155	(1.082)	795996	80.0000	77
	29 2-Methylnaphthalene	142	11.472	11.468	(1.112)	1674986	80.0000	78
	30 Hexachlorocyclopentadiene	237	11.710	11.717	(0.887)	481816	80.0000	82
	31 2,4,6-Trichlorophenol	196	11.915	11.911	(0.903)	571985	80.0000	79
	32 2,4,5-Trichlorophenol	196	11.980	11.976	(0.908)	596037	80.0000	76
$	33 2-Fluorobiphenyl	172	12.055	12.052	(0.913)	1903815	80.0000	77
	34 1,1'-Biphenyl	154	12.228	12.235	(0.926)	1935245	80.0000	77
	35 2-Chloronaphthalene	162	12.282	12.279	(0.930)	1589231	80.0000	78
	36 2-Nitroaniline	65	12.423	12.419	(0.941)	528107	80.0000	79
	37 Dimethylphthalate	163	12.704	12.711	(0.962)	2038826	80.0000	78
	38 2,6-Dinitrotoluene	165	12.823	12.819	(0.971)	473908	80.0000	75
	39 Acenaphthylene	152	12.974	12.970	(0.983)	2490825	80.0000	76
	40 3-Nitroaniline	138	13.103	13.100	(0.993)	501213	80.0000	82
*	41 Acenaphthene-d10	164	13.201	13.208	(1.000)	730691	40.0000	
	42 Acenaphthene	153	13.255	13.262	(1.004)	1526407	80.0000	77
	43 2,4-Dinitrophenol	184	13.265	13.272	(1.005)	274292	80.0000	83
	44 4-Nitrophenol	109	13.330	13.326	(1.010)	297932	80.0000	79
	45 Dibenzofuran	168	13.546	13.543	(1.026)	2279933	80.0000	78
	46 2,4-Dinitrotoluene	165	13.492	13.489	(1.022)	686374	80.0000	80
	47 Diethylphthalate	149	13.870	13.867	(1.051)	2167956	80.0000	78
	48 Fluorene	166	14.108	14.115	(1.069)	1822697	80.0000	77
	49 4-Chlorophenyl-phenylether	204	14.087	14.083	(1.067)	918539	80.0000	75
	50 4-Nitroaniline	138	14.130	14.115	(1.070)	509679	80.0000	80
	51 4,6-Dinitro-2-methylphenol	198	14.162	14.158	(0.904)	431790	80.0000	84
	52 N-Nitrosodiphenylamine	169	14.281	14.277	(0.911)	1184664	80.0000	81
$	53 2,4,6-Tribromophenol	330	14.508	14.504	(0.926)	442157	80.0000	81
	54 4-Bromophenyl-phenylether	248	14.908	14.904	(0.951)	578975	80.0000	79
	55 Hexachlorobenzene	284	15.026	15.023	(0.959)	657633	80.0000	78
	56 Atrazine	200	15.134	15.141	(0.966)	253276	80.0000	83
	57 Pentachlorophenol	266	15.329	15.325	(0.978)	431270	80.0000	81
*	58 Phenanthrene-d10	188	15.675	15.671	(1.000)	1212204	40.0000	
	59 Phenanthrene	178	15.718	15.714	(1.003)	2657514	80.0000	79
	60 Anthracene	178	15.804	15.800	(1.008)	2595156	80.0000	81
	61 Carbazole	167	16.042	16.049	(1.023)	2245233	80.0000	78
	62 Di-n-butylphthalate	149	16.571	16.568	(1.057)	3861926	80.0000	79
	63 Fluoranthene	202	17.695	17.691	(1.129)	2807741	80.0000	79
	64 Pyrene	202	18.084	18.080	(0.901)	2963220	80.0000	79
$	65 Terphenyl-d14	244	18.289	18.285	(0.911)	2245663	80.0000	79
	66 Butylbenzylphthalate	149	19.067	19.063	(0.950)	1680714	80.0000	79
	67 3,3'-Dichlorobenzidine	252	19.974	19.971	(0.995)	592558	80.0000	81
	68 Benzo(a)anthracene	228	20.050	20.046	(0.999)	2597360	80.0000	78
*	69 Chrysene-d12	240	20.072	20.068	(1.000)	1036481	40.0000	
	70 Chrysene	228	20.115	20.111	(1.002)	2285490	80.0000	71
	71 bis(2-Ethylhexyl)phthalate	149	19.985	19.981	(0.996)	2291179	80.0000	77
	72 Di-n-octylphthalate	149	21.044	21.040	(0.925)	4146258	80.0000	79
	73 Benzo(b)fluoranthene	252	21.930	21.926	(0.964)	2730337	80.0000	78

Data File: S1E5796.D
Report Date: 01-Sep-2005 13:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
74 Benzo(k)fluoranthene	252	21.995	21.991	(0.967)	2827845	80.0000	76
75 Benzo(a)pyrene	252	22.632	22.618	(0.995)	2316424	80.0000	79
* 76 Perylene-d12	264	22.740	22.736	(1.000)	965125	40.0000	
77 Indeno(1,2,3-cd)pyrene	276	25.571	25.556	(1.124)	2509229	80.0000	78
78 Dibenzo(a,h)anthracene	278	25.614	25.589	(1.126)	2079502	80.0000	77
79 Benzo(g,h,i)perylene	276	26.446	26.420	(1.163)	2053923	80.0000	78

09/01/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5797.D

Date : 31-AUG-2005 14:17

Client ID: SSTD1201Q

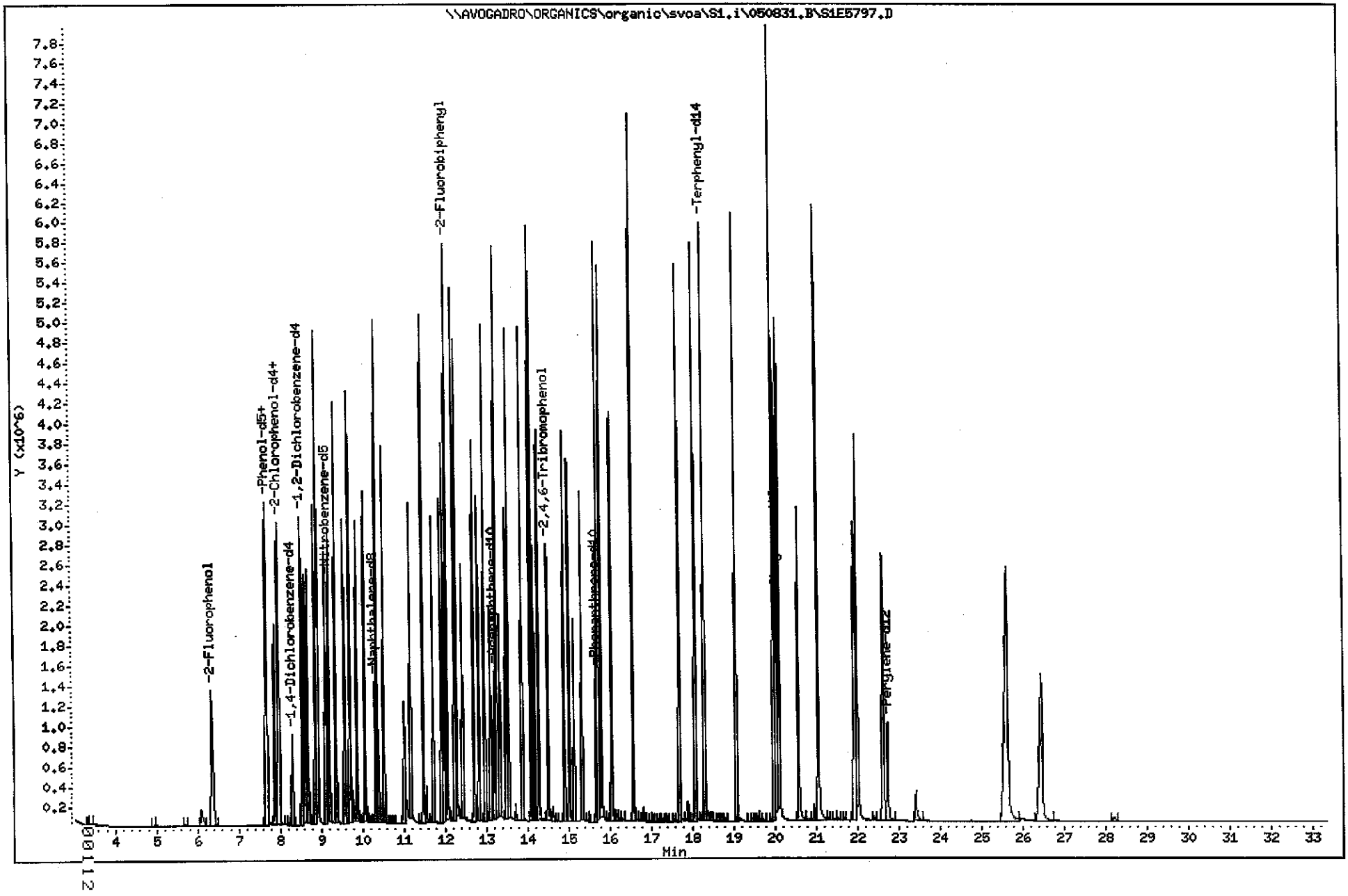
Instrument: S1.i

Sample Info: SSTD1201Q,SSTD1201Q

Operator: AW/AJ SRC: AW/AJ

Column phase: DB-5MS

Column diameter: 0.25



Data File: S1E5797.D
Report Date: 01-Sep-2005 13:36

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5797.D
Lab Smp Id: SSTD1201Q Client Smp ID: SSTD1201Q
Inj Date : 31-AUG-2005 14:17
Operator : AW/AJ SRC: AW/AJ Inst ID: S1.i
Smp Info : SSTD1201Q,SSTD1201Q
Misc Info : 1,4,SSTD120,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\s1_olm4_2_S.m
Meth Date : 31-Aug-2005 16:23 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:30 Cal File: S1E5793.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$	1 2-Fluorophenol	112	6.347	6.347	(0.764)	1380629	120.000	140
	2 Benzaldehyde	77	7.644	7.644	(0.921)	220801	120.000	130
$	3 Phenol-d5	99	7.665	7.655	(0.923)	1574825	120.000	130
	4 Phenol	94	7.687	7.676	(0.926)	1568082	120.000	130
	5 bis(2-Chloroethyl)Ether	93	7.871	7.860	(0.948)	1239503	120.000	130
$	6 2-Chlorophenol-d4	132	7.957	7.936	(0.958)	1429948	120.000	130
	7 2-Chlorophenol	128	7.979	7.968	(0.961)	1296407	120.000	130
*	8 1,4-Dichlorobenzene-d4	152	8.303	8.303	(1.000)	276101	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	8.540	8.303	(1.029)	890035	120.000	130
	10 2-Methylphenol	108	8.616	8.605	(1.038)	1207687	120.000	130
	11 2,2'-oxybis(1-Chloropropane)	45	8.681	8.681	(1.046)	1676644	120.000	130
	12 Acetophenone	105	8.919	8.908	(1.074)	1698912	120.000	130
	13 4-Methylphenol	108	8.865	8.854	(1.068)	1269138	120.000	130
	14 N-Nitroso-di-n-propylamine	70	8.908	8.886	(1.073)	899283	120.000	130
	15 Hexachloroethane	117	9.102	9.102	(1.096)	595070	120.000	130
$	16 Nitrobenzene-d5	82	9.167	9.156	(0.889)	1563474	120.000	130
	17 Nitrobenzene	77	9.200	9.178	(0.892)	1404554	120.000	130
	18 Isophorone	82	9.567	9.545	(0.928)	2779255	120.000	140
	19 2-Nitrophenol	139	9.686	9.686	(0.939)	782569	120.000	130
	20 2,4-Dimethylphenol	107	9.707	9.697	(0.941)	1223966	120.000	130
	21 bis(2-Chloroethoxy)methane	93	9.869	9.858	(0.957)	1602219	120.000	130
	22 2,4-Dichlorophenol	162	10.064	10.053	(0.976)	1133494	120.000	130
*	23 Naphthalene-d8	136	10.312	10.312	(1.000)	1110330	40.0000	
	24 Naphthalene	128	10.356	10.345	(1.004)	3611321	120.000	130
	25 4-Chloroaniline	127	10.399	10.399	(1.008)	429412	120.000	130
	26 Hexachlorobutadiene	225	10.528	10.528	(1.021)	691229	120.000	130

Data File: S1E5797.D
Report Date: 01-Sep-2005 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	11.025	10.982	(1.069)	546038	120.000	130
	28 4-Chloro-3-Methylphenol	107	11.177	11.155	(1.084)	1284044	120.000	140
	29 2-Methylnaphthalene	142	11.479	11.468	(1.113)	2405080	120.000	130
	30 Hexachlorocyclopentadiene	237	11.717	11.717	(0.888)	714187	120.000	140
	31 2,4,6-Trichlorophenol	196	11.922	11.911	(0.903)	845029	120.000	130
	32 2,4,5-Trichlorophenol	196	11.987	11.976	(0.908)	896911	120.000	130
$	33 2-Fluorobiphenyl	172	12.062	12.052	(0.914)	2783010	120.000	130
	34 1,1'-Biphenyl	154	12.246	12.235	(0.928)	3010319	120.000	130
	35 2-Chloronaphthalene	162	12.289	12.279	(0.931)	2297003	120.000	130
	36 2-Nitroaniline	65	12.441	12.419	(0.943)	786394	120.000	130
	37 Dimethylphthalate	163	12.711	12.711	(0.963)	3027439	120.000	130
	38 2,6-Dinitrotoluene	165	12.830	12.819	(0.972)	767899	120.000	140
	39 Acenaphthylene	152	12.981	12.970	(0.984)	3617083	120.000	130
	40 3-Nitroaniline	138	13.121	13.100	(0.994)	732966	120.000	130
*	41 Acenaphthene-d10	164	13.197	13.208	(1.000)	634098	40.0000	
	42 Acenaphthene	153	13.262	13.262	(1.005)	2178969	120.000	120
	43 2,4-Dinitrophenol	184	13.283	13.272	(1.007)	430927	120.000	140
	44 4-Nitrophenol	109	13.348	13.326	(1.011)	463525	120.000	130
	45 Dibenzofuran	168	13.553	13.543	(1.027)	3364055	120.000	130
	46 2,4-Dinitrotoluene	165	13.499	13.489	(1.023)	999963	120.000	130
	47 Diethylphthalate	149	13.877	13.867	(1.052)	3141200	120.000	130
	48 Fluorene	166	14.115	14.115	(1.070)	2694800	120.000	130
	49 4-Chlorophenyl-phenylether	204	14.094	14.083	(1.068)	1436242	120.000	130
	50 4-Nitroaniline	138	14.148	14.115	(1.072)	753094	120.000	130
	51 4,6-Dinitro-2-methylphenol	198	14.180	14.158	(0.904)	675116	120.000	140
	52 N-Nitrosodiphenylamine	169	14.288	14.277	(0.911)	1792541	120.000	140
$	53 2,4,6-Tribromophenol	330	14.515	14.504	(0.926)	661796	120.000	140
	54 4-Bromophenyl-phenylether	248	14.915	14.904	(0.951)	865855	120.000	130
	55 Hexachlorobenzene	284	15.033	15.023	(0.959)	987592	120.000	130
	56 Atrazine	200	15.142	15.141	(0.966)	366244	120.000	140
	57 Pentachlorophenol	266	15.336	15.325	(0.978)	683839	120.000	140
*	58 Phenanthrene-d10	188	15.682	15.671	(1.000)	1036230	40.0000	
	59 Phenanthrene	178	15.725	15.714	(1.003)	4084158	120.000	140
	60 Anthracene	178	15.811	15.800	(1.008)	3703441	120.000	130
	61 Carbazole	167	16.060	16.049	(1.024)	3294554	120.000	130
	62 Di-n-butylphthalate	149	16.578	16.568	(1.057)	5759925	120.000	130
	63 Fluoranthene	202	17.702	17.691	(1.129)	4042970	120.000	130
	64 Pyrene	202	18.091	18.080	(0.901)	4375861	120.000	140
$	65 Terphenyl-d14	244	18.296	18.285	(0.911)	3199356	120.000	140
	66 Butylbenzylphthalate	149	19.074	19.063	(0.950)	2411451	120.000	140
	67 3,3'-Dichlorobenzidine	252	19.981	19.971	(0.995)	837649	120.000	140
	68 Benzo(a)anthracene	228	20.057	20.046	(0.999)	3740144	120.000	140
*	69 Chrysene-d12	240	20.079	20.068	(1.000)	817851	40.0000	
	70 Chrysene	228	20.122	20.111	(1.002)	3749261	120.000	140
	71 bis(2-Ethylhexyl)phthalate	149	19.992	19.981	(0.996)	3447128	120.000	140
	72 Di-n-octylphthalate	149	21.051	21.040	(0.925)	5885713	120.000	140
	73 Benzo(b)fluoranthene	252	21.948	21.926	(0.965)	3881728	120.000	140

Data File: S1E5797.D
Report Date: 01-Sep-2005 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	74 Benzo(k)fluoranthene	252	22.013	21.991	(0.968)	4201985	120.000	140
	75 Benzo(a)pyrene	252	22.650	22.618	(0.996)	3280424	120.000	140
*	76 Perylene-d12	264	22.747	22.736	(1.000)	766992	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	25.599	25.556	(1.125)	3630828	120.000	140
	78 Dibenzo(a,h)anthracene	278	25.643	25.589	(1.127)	2990898	120.000	140
	79 Benzo(g,h,i)perylene	276	26.474	26.420	(1.164)	2993569	120.000	140

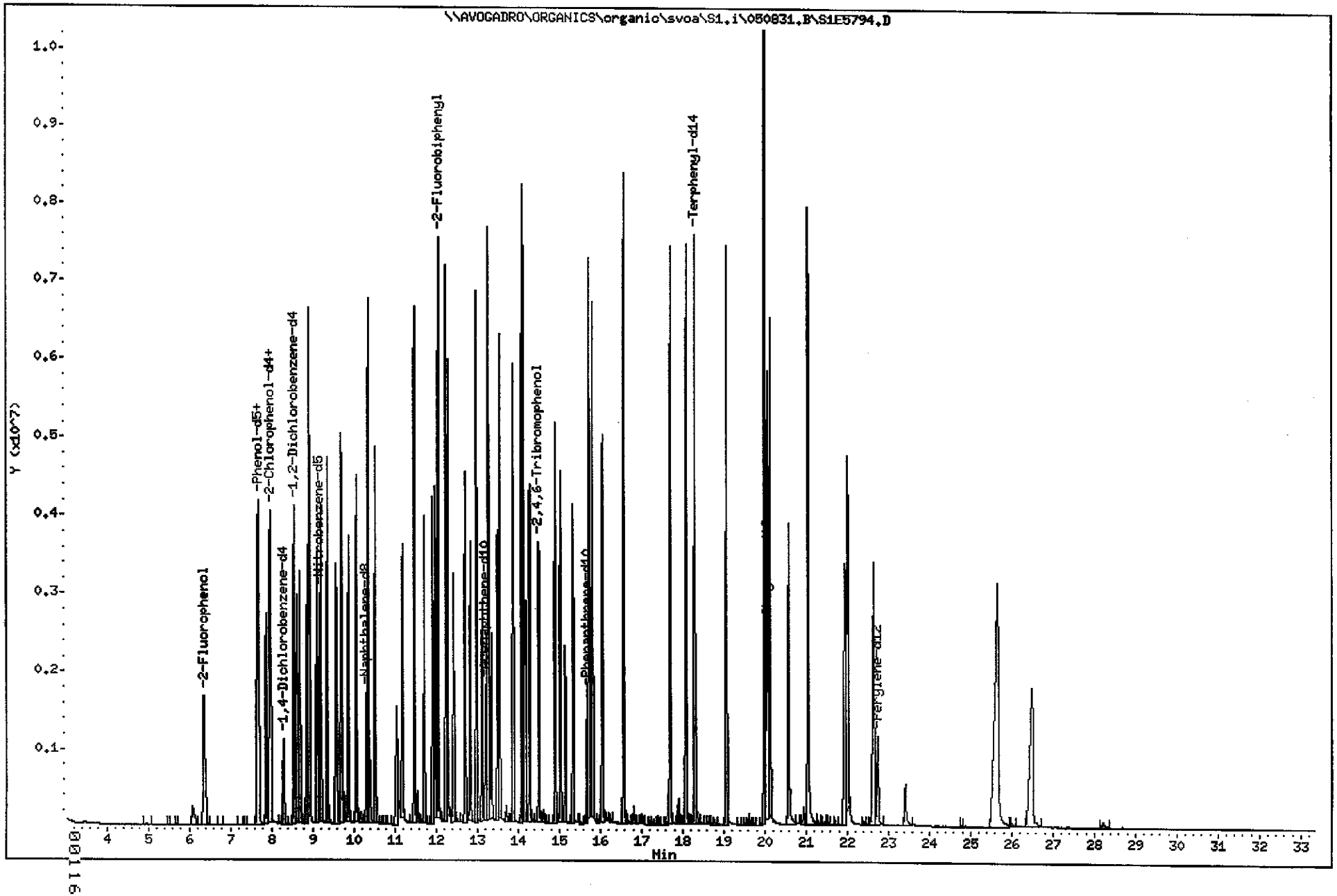
09/01/05
AW

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5794.D
Date : 31-AUG-2005 12:12
Client ID: SSTD1601Q
Sample Info: SSTD1601Q,SSTD1601Q

Instrument: S1.i

Operator: AW/AJ SRC: AW/AJ
Column diameter: 0.25

Column phase: DB-5MS



Data File: S1E5794.D
Report Date: 01-Sep-2005 13:36

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5794.D
Lab Smp Id: SSTD1601Q Client Smp ID: SSTD1601Q
Inj Date : 31-AUG-2005 12:12
Operator : AW/AJ SRC: AW/AJ Inst ID: S1.i
Smp Info : SSTD1601Q,SSTD1601Q
Misc Info : 1,5,SSTD160,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\s1_olm4_2_S.m
Meth Date : 31-Aug-2005 16:23 mtl Quant Type: ISTD
Cal Date : 31-AUG-2005 11:30 Cal File: S1E5793.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$	1 2-Fluorophenol	112	6.350	6.347	(0.766)	1840129	160.000	160
	2 Benzaldehyde	77	7.647	7.644	(0.922)	471750	160.000	210(A)
$	3 Phenol-d5	99	7.668	7.655	(0.924)	2046622	160.000	150
	4 Phenol	94	7.690	7.676	(0.927)	2047490	160.000	150
	5 bis(2-Chloroethyl)Ether	93	7.874	7.860	(0.949)	1681833	160.000	150
$	6 2-Chlorophenol-d4	132	7.960	7.936	(0.960)	1908458	160.000	150
	7 2-Chlorophenol	128	7.982	7.968	(0.962)	1768423	160.000	150
*	8 1,4-Dichlorobenzene-d4	152	8.295	8.303	(1.000)	330981	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	8.543	8.303	(1.030)	1169455	160.000	150
	10 2-Methylphenol	108	8.619	8.605	(1.039)	1587154	160.000	150
	11 2,2'-oxybis(1-Chloropropane)	45	8.684	8.681	(1.047)	2204247	160.000	150
	12 Acetophenone	105	8.922	8.908	(1.076)	2238811	160.000	140
	13 4-Methylphenol	108	8.868	8.854	(1.069)	1682489	160.000	150
	14 N-Nitroso-di-n-propylamine	70	8.922	8.886	(1.076)	1158864	160.000	140
	15 Hexachloroethane	117	9.105	9.102	(1.098)	810368	160.000	150
$	16 Nitrobenzene-d5	82	9.170	9.156	(0.889)	2086157	160.000	150
	17 Nitrobenzene	77	9.203	9.178	(0.892)	1852964	160.000	150
	18 Isophorone	82	9.570	9.545	(0.928)	3646540	160.000	150
	19 2-Nitrophenol	139	9.689	9.686	(0.939)	1025718	160.000	150
	20 2,4-Dimethylphenol	107	9.710	9.697	(0.941)	1651152	160.000	150
	21 bis(2-Chloroethoxy)methane	93	9.872	9.858	(0.957)	2056358	160.000	140
	22 2,4-Dichlorophenol	162	10.067	10.053	(0.976)	1507166	160.000	150
*	23 Naphthalene-d8	136	10.315	10.312	(1.000)	1399646	40.0000	
	24 Naphthalene	128	10.358	10.345	(1.004)	5126399	160.000	150
	25 4-Chloroaniline	127	10.402	10.399	(1.008)	377723	160.000	110
	26 Hexachlorobutadiene	225	10.521	10.528	(1.020)	951465	160.000	150

Data File: S1E5794.D
Report Date: 01-Sep-2005 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	27 Caprolactam	113	11.050	10.982	(1.071)	736396	160.000	150
	28 4-Chloro-3-Methylphenol	107	11.190	11.155	(1.085)	1700093	160.000	160
	29 2-Methylnaphthalene	142	11.482	11.468	(1.113)	3350680	160.000	150
	30 Hexachlorocyclopentadiene	237	11.720	11.717	(0.888)	978722	160.000	160(A)
	31 2,4,6-Trichlorophenol	196	11.925	11.911	(0.903)	1138082	160.000	160
	32 2,4,5-Trichlorophenol	196	11.990	11.976	(0.908)	1255097	160.000	160
$	33 2-Fluorobiphenyl	172	12.065	12.052	(0.914)	3743093	160.000	150
	34 1,1'-Biphenyl	154	12.249	12.235	(0.928)	3790684	160.000	150
	35 2-Chloronaphthalene	162	12.292	12.279	(0.931)	3014331	160.000	150
	36 2-Nitroaniline	65	12.444	12.419	(0.943)	1041728	160.000	160
	37 Dimethylphthalate	163	12.724	12.711	(0.964)	3838079	160.000	150
	38 2,6-Dinitrotoluene	165	12.843	12.819	(0.973)	965060	160.000	150
	39 Acenaphthylene	152	12.984	12.970	(0.984)	4981336	160.000	150
	40 3-Nitroaniline	138	13.124	13.100	(0.994)	932400	160.000	150
*	41 Acenaphthene-d10	164	13.200	13.208	(1.000)	734563	40.0000	
	42 Acenaphthene	153	13.265	13.262	(1.005)	3087680	160.000	150
	43 2,4-Dinitrophenol	184	13.286	13.272	(1.007)	593985	160.000	180(A)
	44 4-Nitrophenol	109	13.362	13.326	(1.012)	620557	160.000	160(A)
	45 Dibenzofuran	168	13.556	13.543	(1.027)	4491739	160.000	150
	46 2,4-Dinitrotoluene	165	13.502	13.489	(1.023)	1328069	160.000	160
	47 Diethylphthalate	149	13.880	13.867	(1.052)	4279601	160.000	150
	48 Fluorene	166	14.129	14.115	(1.070)	3639635	160.000	160
	49 4-Chlorophenyl-phenylether	204	14.097	14.083	(1.068)	1929243	160.000	160
	50 4-Nitroaniline	138	14.161	14.115	(1.073)	1006489	160.000	160
	51 4,6-Dinitro-2-methylphenol	198	14.194	14.158	(0.906)	861030	160.000	170(A)
	52 N-Nitrosodiphenylamine	169	14.291	14.277	(0.912)	2113653	160.000	140
$	53 2,4,6-Tribromophenol	330	14.518	14.504	(0.926)	898736	160.000	160
	54 4-Bromophenyl-phenylether	248	14.918	14.904	(0.952)	1185214	160.000	160
	55 Hexachlorobenzene	284	15.036	15.023	(0.959)	1300247	160.000	150
	56 Atrazine	200	15.144	15.141	(0.966)	432164	160.000	140
	57 Pentachlorophenol	266	15.339	15.325	(0.979)	898474	160.000	160(A)
*	58 Phenanthrene-d10	188	15.674	15.671	(1.000)	1266448	40.0000	
	59 Phenanthrene	178	15.728	15.714	(1.003)	5367899	160.000	150
	60 Anthracene	178	15.814	15.800	(1.009)	4873678	160.000	150
	61 Carbazole	167	16.063	16.049	(1.025)	4276441	160.000	150
	62 Di-n-butylphthalate	149	16.581	16.568	(1.058)	7570282	160.000	150
	63 Fluoranthene	202	17.705	17.691	(1.130)	5584056	160.000	160
	64 Pyrene	202	18.094	18.080	(0.901)	5684570	160.000	170(A)
$	65 Terphenyl-d14	244	18.299	18.285	(0.911)	4397392	160.000	160(A)
	66 Butylbenzylphthalate	149	19.077	19.063	(0.950)	3193733	160.000	160(A)
	67 3,3'-Dichlorobenzidine	252	19.984	19.971	(0.995)	974980	160.000	150
	68 Benzo(a)anthracene	228	20.060	20.046	(0.999)	5086101	160.000	160(A)
*	69 Chrysene-d12	240	20.082	20.068	(1.000)	967719	40.0000	
	70 Chrysene	228	20.136	20.111	(1.003)	4970531	160.000	160(A)
	71 bis(2-Ethylhexyl)phthalate	149	19.995	19.981	(0.996)	4732330	160.000	170(A)
	72 Di-n-octylphthalate	149	21.054	21.040	(0.925)	8016340	160.000	160(A)
	73 Benzo(b)fluoranthene	252	21.951	21.926	(0.965)	5517712	160.000	170(A)

Data File: S1E5794.D
Report Date: 01-Sep-2005 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
74	Benzo(k)fluoranthene	252	22.016	21.991	(0.968)	5249021	160.000	160
75	Benzo(a)pyrene	252	22.653	22.618	(0.996)	4179335	160.000	160
* 76	Perylene-d12	264	22.750	22.736	(1.000)	882763	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	25.624	25.556	(1.126)	4838114	160.000	160(A)
78	Dibenzo(a,h)anthracene	278	25.667	25.589	(1.128)	4082257	160.000	160(A)
79	Benzo(g,h,i)perylene	276	26.499	26.420	(1.165)	3920862	160.000	160

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

09/01/05

7C
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: S1 Calibration Date: 09/13/05 Time: 1112

Lab File ID: S1E5926 Init. Calib. Date(s): 08/31/05 08/31/05

EPA Sample No.(SSTD050##): SSTD0501A Init. Calib. Times: 1130 1417

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Benzaldehyde	0.238	0.272		14.3		
Phenol	1.739	1.931	0.800	11.0	25.0	
bis(2-Chloroethyl)Ether	1.398	1.481	0.700	5.9	25.0	
2-Chlorophenol	1.424	1.487	0.800	4.4	25.0	
2-Methylphenol	1.310	1.352	0.700	3.2	25.0	
2,2'-oxybis(1-Chloropropane)	1.851	2.383		28.7		
Acetophenone	1.931	2.233		15.6		
4-Methylphenol	1.395	1.466	0.600	5.1	25.0	
N-Nitroso-di-n-propylamine	1.010	1.175	0.500	16.3	25.0	
Hexachloroethane	0.655	0.709	0.300	8.2	25.0	
Nitrobenzene	0.383	0.407	0.200	6.3	25.0	
Isophorone	0.729	0.761	0.400	4.4	25.0	
2-Nitrophenol	0.213	0.217	0.100	1.9	25.0	
2,4-Dimethylphenol	0.334	0.229	0.200	-31.4	25.0	<-
bis(2-Chloroethoxy)methane	0.443	0.448	0.300	1.1	25.0	
2,4-Dichlorophenol	0.306	0.312	0.200	2.0	25.0	
Naphthalene	1.025	1.085	0.700	5.9	25.0	
4-Chloroaniline	0.116	0.051		-56.0		
Hexachlorobutadiene	0.186	0.186		0.0		
Caprolactam	0.147	0.152		3.4		
4-Chloro-3-Methylphenol	0.331	0.351	0.200	6.0	25.0	
2-Methylnaphthalene	0.673	0.725	0.400	7.7	25.0	
Hexachlorocyclopentadiene	0.332	0.221		-33.4		
2,4,6-Trichlorophenol	0.406	0.399	0.200	-1.7	25.0	
2,4,5-Trichlorophenol	0.439	0.461	0.200	5.0	25.0	
1,1'-Biphenyl	1.424	1.500		5.3		
2-Chloronaphthalene	1.130	1.175	0.800	4.0	25.0	
2-Nitroaniline	0.377	0.420		11.4		
Dimethylphthalate	1.460	1.575		7.9		
2,6-Dinitrotoluene	0.358	0.370	0.200	3.4	25.0	
Acenaphthylene	1.816	1.867	0.900	2.8	25.0	
3-Nitroaniline	0.348	0.333		-4.3		
Acenaphthene	1.102	1.197	0.900	8.6	25.0	
2,4-Dinitrophenol	0.193	0.209		8.3		
4-Nitrophenol	0.217	0.221		1.8		
Dibenzofuran	1.640	1.754	0.800	7.0	25.0	

All other compounds must meet a minimum RRF of 0.010.

7D

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: S1 Calibration Date: 09/13/05 Time: 1112

Lab File ID: S1E5926 Init. Calib. Date(s): 08/31/05 08/31/05

EPA Sample No.(SSTD050##): SSTD0501A Init. Calib. Times: 1130 1417

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
2,4-Dinitrotoluene	0.481	0.495	0.200	2.9	25.0
Diethylphthalate	1.548	1.653		6.8	
Fluorene	1.317	1.482	0.900	12.5	25.0
4-Chlorophenyl-phenylether	0.687	0.700	0.400	1.9	25.0
4-Nitroaniline	0.360	0.397		10.3	
4,6-Dinitro-2-methylphenol	0.181	0.179		-1.1	
N-Nitrosodiphenylamine(1)	0.503	0.455		-9.5	
4-Bromophenyl-phenylether	0.249	0.249	0.100	0.0	25.0
Hexachlorobenzene	0.286	0.259	0.100	-9.4	25.0
Atrazine	0.104	0.080		-23.1	
Pentachlorophenol	0.187	0.180	0.050	-3.7	25.0
Phenanthrene	1.155	1.125	0.700	-2.6	25.0
Anthracene	1.085	1.060	0.700	-2.3	25.0
Carbazole	0.973	1.077		10.7	
Di-n-butylphthalate	1.666	1.767		6.1	
Fluoranthene	1.197	1.254	0.600	4.8	25.0
Pyrene	1.508	1.514	0.600	0.4	25.0
Butylbenzylphthalate	0.857	0.872		1.8	
3,3'-Dichlorobenzidine	0.294	0.179		-39.1	
Benzo(a)anthracene	1.327	1.335	0.800	0.6	25.0
Chrysene	1.301	1.088	0.700	-16.4	25.0
bis(2-Ethylhexyl)phthalate	1.195	1.264		5.8	
Di-n-octylphthalate	2.257	2.803		24.2	
Benzo(b)fluoranthene	1.492	1.629	0.700	9.2	25.0
Benzo(k)fluoranthene	1.592	1.879	0.700	18.0	25.0
Benzo(a)pyrene	1.256	1.279	0.700	1.8	25.0
Indeno(1,2,3-cd)pyrene	1.386	1.378	0.500	-0.6	25.0
Dibenzo(a,h)anthracene	1.152	1.154	0.400	0.2	25.0
Benzo(g,h,i)perylene	1.138	1.061	0.500	-6.8	25.0
Nitrobenzene-d5	0.423	0.407	0.200	-3.8	25.0
2-Fluorobiphenyl	1.369	1.447	0.700	5.7	25.0
Terphenyl-d14	1.141	1.074	0.500	-5.9	25.0
Phenol-d5	1.727	1.947	0.800	12.7	25.0
2-Fluorophenol	1.441	1.360	0.600	-5.6	25.0
2,4,6-Tribromophenol	0.187	0.152		-18.7	
2-Chlorophenol-d4	1.543	1.563	0.800	1.3	25.0
1,2-Dichlorobenzene-d4	0.972	1.042	0.400	7.2	25.0

(1) Cannot be separated from Diphenylamine

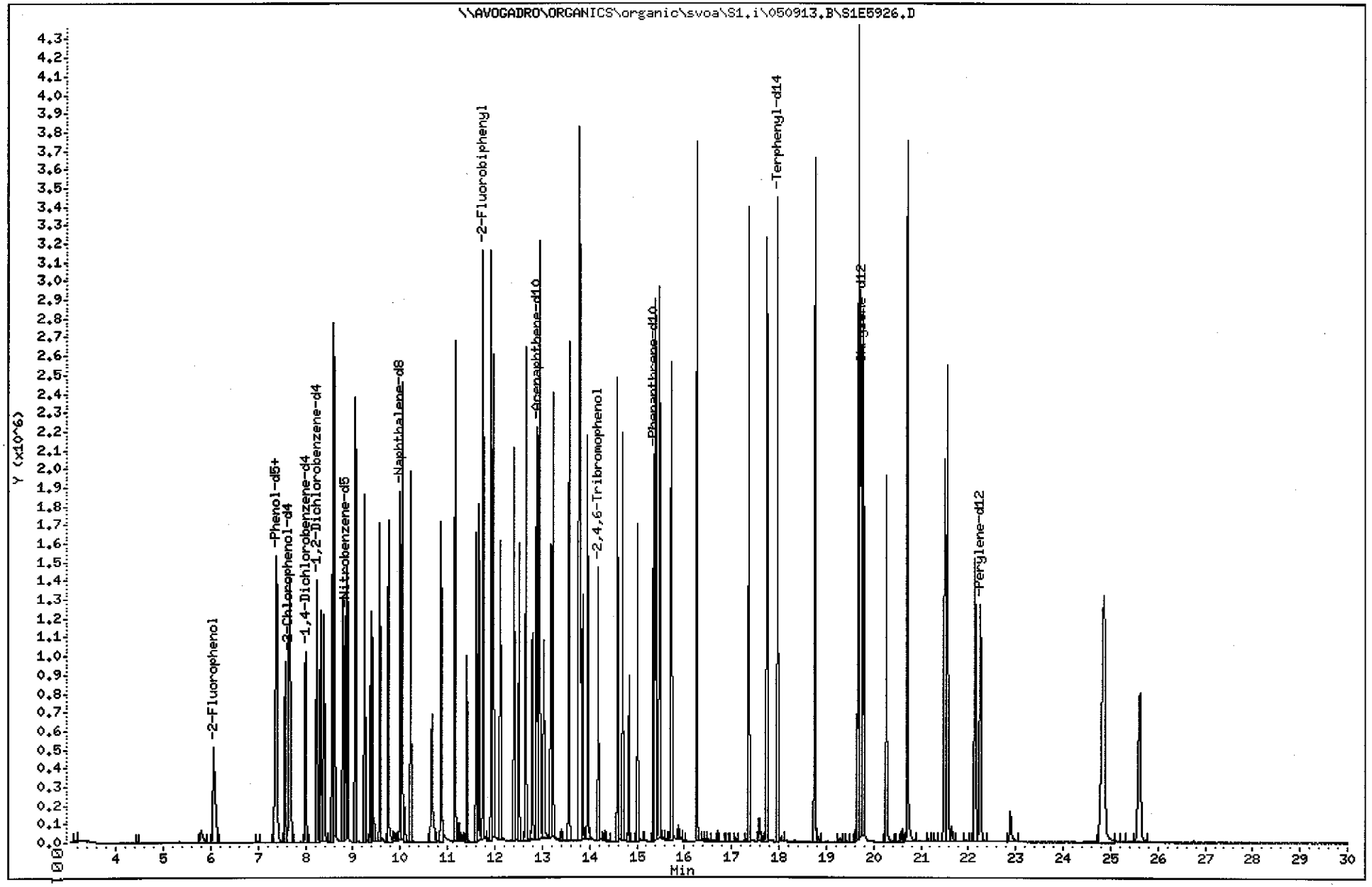
All other compounds must meet a minimum RRF of 0.010.

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5926.D
Date : 13-SEP-2005 11:12
Client ID: SSTD0501A
Sample Info: SSTD0501A,SSTD0501A

Instrument: S1.i

Operator: AW SRC: AW
Column diameter: 0.25

Column phase: DB-5MS



Data File: S1E5926.D
Report Date: 13-Sep-2005 11:57

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5926.D
Lab Smp Id: SSTD0501A Client Smp ID: SSTD0501A
Inj Date : 13-SEP-2005 11:12
Operator : AW SRC: AW Inst ID: S1.i
Smp Info : SSTD0501A,SSTD0501A
Misc Info : 2,3,SSTD050,3
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	6.058	6.058	(0.757)	501471	50.0000	47
	2 Benzaldehyde	77	7.344	7.344	(0.918)	100138	50.0000	57
$	3 Phenol-d5	99	7.376	7.376	(0.922)	717724	50.0000	56
	4 Phenol	94	7.398	7.398	(0.924)	712020	50.0000	56
	5 bis(2-Chloroethyl)Ether	93	7.570	7.570	(0.946)	545910	50.0000	53
$	6 2-Chlorophenol-d4	132	7.646	7.646	(0.955)	576066	50.0000	51
	7 2-Chlorophenol	128	7.678	7.678	(0.960)	548119	50.0000	52
*	8 1,4-Dichlorobenzene-d4	152	8.003	8.003	(1.000)	294923	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	8.240	8.240	(1.030)	384198	50.0000	54
	10 2-Methylphenol	108	8.316	8.316	(1.039)	498562	50.0000	52
	11 2,2'-oxybis(1-Chloropropane)	45	8.381	8.381	(1.047)	878561	50.0000	64
	12 Acetophenone	105	8.608	8.608	(1.076)	823256	50.0000	58
	13 4-Methylphenol	108	8.564	8.564	(1.070)	540435	50.0000	53
	14 N-Nitroso-di-n-propylamine	70	8.597	8.597	(1.074)	433101	50.0000	58
	15 Hexachloroethane	117	8.791	8.791	(1.099)	261313	50.0000	54
$	16 Nitrobenzene-d5	82	8.845	8.845	(0.884)	647960	50.0000	48
	17 Nitrobenzene	77	8.878	8.878	(0.888)	646961	50.0000	53
	18 Isophorone	82	9.245	9.245	(0.924)	1210631	50.0000	52
	19 2-Nitrophenol	139	9.375	9.375	(0.937)	345559	50.0000	51
	20 2,4-Dimethylphenol	107	9.407	9.407	(0.941)	364182	50.0000	34
	21 bis(2-Chloroethoxy)methane	93	9.569	9.569	(0.957)	712128	50.0000	51
	22 2,4-Dichlorophenol	162	9.753	9.753	(0.975)	496764	50.0000	51
*	23 Naphthalene-d8	136	10.001	10.001	(1.000)	1272717	40.0000	
	24 Naphthalene	128	10.044	10.044	(1.004)	1725824	50.0000	53
	25 4-Chloroaniline	127	10.098	10.098	(1.010)	80786	50.0000	22
	26 Hexachlorobutadiene	225	10.217	10.217	(1.022)	296222	50.0000	50

Data File: S1E5926.D
Report Date: 13-Sep-2005 11:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	27 Caprolactam	113	10.682	10.682	(1.068)	241877	50.0000	52
	28 4-Chloro-3-Methylphenol	107	10.866	10.866	(1.086)	558268	50.0000	53
	29 2-Methylnaphthalene	142	11.157	11.157	(1.116)	1153997	50.0000	54
	30 Hexachlorocyclopentadiene	237	11.406	11.406	(0.885)	199658	50.0000	33 (T)
	31 2,4,6-Trichlorophenol	196	11.611	11.611	(0.901)	360227	50.0000	49
	32 2,4,5-Trichlorophenol	196	11.665	11.665	(0.905)	415594	50.0000	52
$	33 2-Fluorobiphenyl	172	11.751	11.751	(0.912)	1305581	50.0000	53
	34 1,1'-Biphenyl	154	11.924	11.924	(0.925)	1352563	50.0000	53
	35 2-Chloronaphthalene	162	11.967	11.967	(0.929)	1059645	50.0000	52
	36 2-Nitroaniline	65	12.119	12.119	(0.940)	378484	50.0000	56
	37 Dimethylphthalate	163	12.410	12.410	(0.963)	1420801	50.0000	54
	38 2,6-Dinitrotoluene	165	12.518	12.518	(0.971)	334040	50.0000	52
	39 Acenaphthylene	152	12.659	12.659	(0.982)	1683906	50.0000	51
	40 3-Nitroaniline	138	12.799	12.799	(0.993)	300318	50.0000	48
*	41 Acenaphthene-d10	164	12.886	12.886	(1.000)	721605	40.0000	
	42 Acenaphthene	153	12.940	12.940	(1.004)	1079730	50.0000	54
	43 2,4-Dinitrophenol	184	12.961	12.961	(1.006)	188489	50.0000	54
	44 4-Nitrophenol	109	13.037	13.037	(1.012)	199751	50.0000	51
	45 Dibenzofuran	168	13.231	13.231	(1.027)	1582005	50.0000	53
	46 2,4-Dinitrotoluene	165	13.177	13.177	(1.023)	446182	50.0000	51
	47 Diethylphthalate	149	13.566	13.566	(1.053)	1490865	50.0000	53
	48 Fluorene	166	13.793	13.793	(1.070)	1336729	50.0000	56
	49 4-Chlorophenyl-phenylether	204	13.782	13.782	(1.070)	631425	50.0000	51
	50 4-Nitroaniline	138	13.815	13.815	(1.072)	358054	50.0000	55
	51 4,6-Dinitro-2-methylphenol	198	13.858	13.858	(0.903)	282519	50.0000	49
	52 N-Nitrosodiphenylamine	169	13.966	13.966	(0.910)	716005	50.0000	45
$	53 2,4,6-Tribromophenol	330	14.182	14.182	(0.924)	239893	50.0000	41
	54 4-Bromophenyl-phenylether	248	14.593	14.593	(0.951)	391463	50.0000	50
	55 Hexachlorobenzene	284	14.701	14.701	(0.958)	407438	50.0000	45
	56 Atrazine	200	14.830	14.830	(0.966)	126706	50.0000	39
	57 Pentachlorophenol	266	15.014	15.014	(0.978)	283591	50.0000	48
*	58 Phenanthrene-d10	188	15.349	15.349	(1.000)	1260099	40.0000	
	59 Phenanthrene	178	15.392	15.392	(1.003)	1772631	50.0000	49
	60 Anthracene	178	15.479	15.479	(1.008)	1669033	50.0000	49
	61 Carbazole	167	15.727	15.727	(1.025)	1696432	50.0000	55
	62 Di-n-butylphthalate	149	16.267	16.267	(1.060)	2783745	50.0000	53
	63 Fluoranthene	202	17.369	17.369	(1.132)	1975760	50.0000	52
	64 Pyrene	202	17.747	17.747	(0.899)	2099944	50.0000	50
$	65 Terphenyl-d14	244	17.974	17.974	(0.910)	1489896	50.0000	47
	66 Butylbenzylphthalate	149	18.763	18.763	(0.950)	1208914	50.0000	51
	67 3,3'-Dichlorobenzidine	252	19.649	19.649	(0.995)	248485	50.0000	30
	68 Benzo(a)anthracene	228	19.724	19.724	(0.999)	1851893	50.0000	50
*	69 Chrysene-d12	240	19.746	19.746	(1.000)	1109443	40.0000	
	70 Chrysene	228	19.789	19.789	(1.002)	1508912	50.0000	42
	71 bis(2-Ethylhexyl)phthalate	149	19.681	19.681	(0.997)	1752605	50.0000	53
	72 Di-n-octylphthalate	149	20.718	20.718	(0.931)	2947939	50.0000	62
	73 Benzo(b)fluoranthene	252	21.507	21.507	(0.967)	1713831	50.0000	55

Data File: S1E5926.D
Report Date: 13-Sep-2005 11:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	74 Benzo(k)fluoranthene	252	21.561	21.561	(0.969)	1976234	50.0000	59
	75 Benzo(a)pyrene	252	22.144	22.144	(0.995)	1345269	50.0000	51
*	76 Perylene-d12	264	22.252	22.252	(1.000)	841480	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	24.835	24.835	(1.116)	1449578	50.0000	50
	78 Dibenzo(a,h)anthracene	278	24.867	24.867	(1.117)	1213636	50.0000	50
	79 Benzo(g,h,i)perylene	276	25.623	25.623	(1.151)	1115731	50.0000	47

QC Flag Legend

T - Target compound detected outside RT window.

09/16/05 JW

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5792.D

Date : 31-AUG-2005 11:05

Client ID: DFTPP1Q

Instrument: S1.i

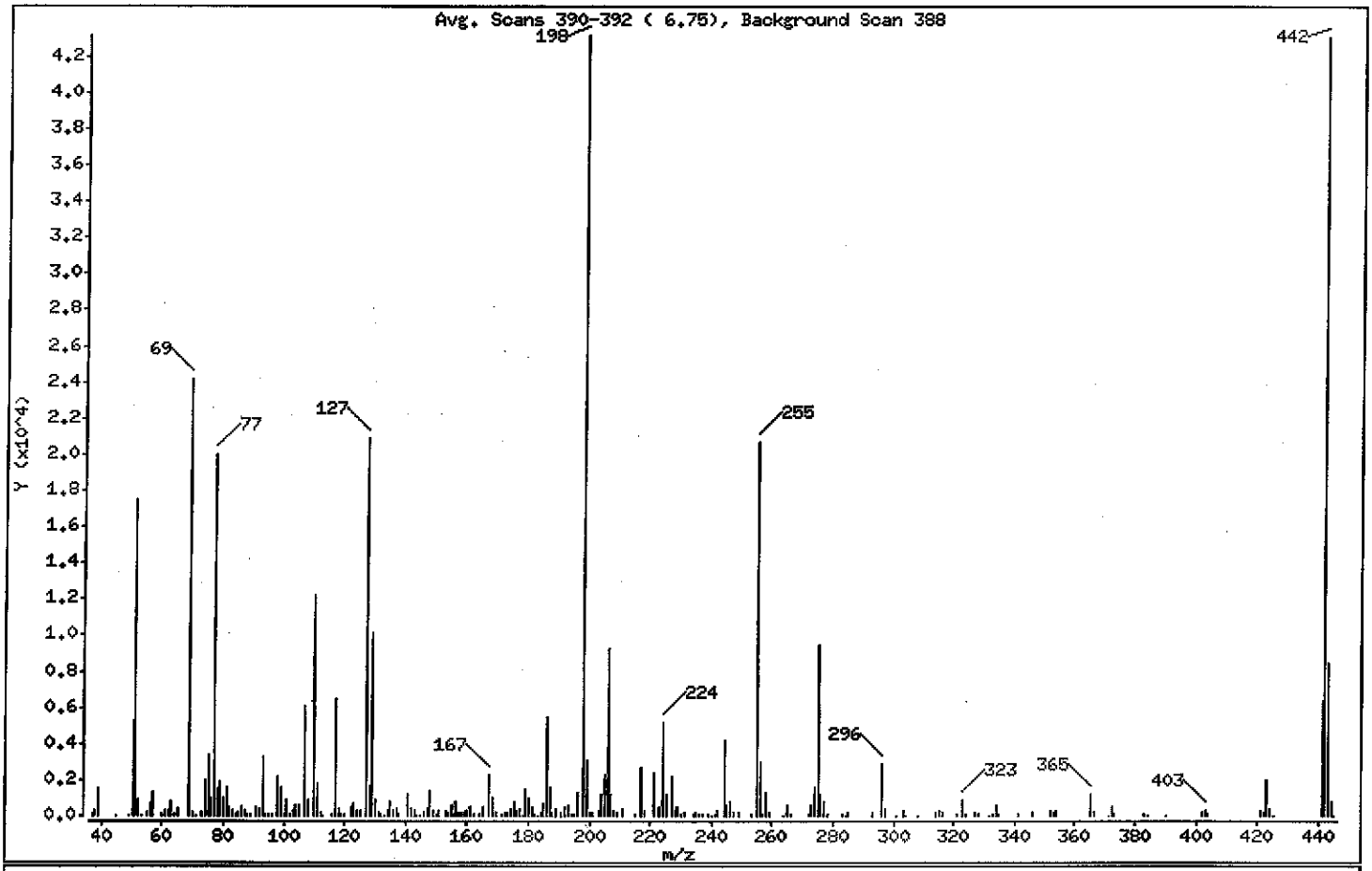
Sample Info: DFTPP1Q,DFTPP1Q

Operator: AW/AJ

Column phase: DB-5MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	40.47
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	56.07
70	Less than 2.00% of mass 69	0.41 (0.73)
127	25.00 - 75.00% of mass 198	48.39
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.05
275	10.00 - 30.00% of mass 198	21.82
365	Greater than 0.75% of mass 198	2.87
441	Present, but less than mass 443	14.64
442	40.00 - 110.00% of mass 198	99.70
443	15.00 - 24.00% of mass 442	19.63 (19.69)

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5792.D

Date : 31-AUG-2005 11:05

Client ID: DFTPP1Q

Instrument: S1.i

Sample Info: DFTPP1Q,DFTPP1Q

Operator: AW/AJ

Column phase: DB-5MS

Column diameter: 0.25

Data File: S1E5792.D
Spectrum: Avg. Scans 390-392 (6.75), Background Scan 388
Location of Maximum: 198.00
Number of points: 231

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	105	116.00	146	182.00	54	265.00	574
38.00	265	117.00	6494	183.00	38	266.00	59
39.00	1445	118.00	420	184.00	175	272.00	52
45.00	42	119.00	76	185.00	719	273.00	580
49.00	37	120.00	61	186.00	5506	274.00	1629
50.00	5261	122.00	519	187.00	1545	275.00	9419
51.00	17464	123.00	708	188.00	193	276.00	1198
52.00	863	124.00	319	189.00	419	277.00	820
53.00	39	125.00	253	191.00	198	278.00	121
55.00	211	127.00	20880	192.00	475	283.00	91
56.00	727	128.00	1737	193.00	562	284.00	42
57.00	1297	129.00	10162	194.00	127	285.00	150
60.00	138	130.00	874	195.00	63	293.00	189
61.00	261	131.00	164	196.00	1258	296.00	2850
62.00	307	132.00	79	198.00	43160	297.00	384
63.00	827	133.00	19	199.00	3042	301.00	39
64.00	128	134.00	264	200.00	221	303.00	258
65.00	405	135.00	771	201.00	204	304.00	49
69.00	24192	136.00	265	203.00	288	308.00	35
70.00	176	137.00	353	204.00	1232	314.00	151
71.00	23	138.00	91	205.00	2287	315.00	290
73.00	193	141.00	1158	206.00	9225	316.00	162
74.00	1965	142.00	381	207.00	1235	321.00	92
75.00	3333	143.00	270	208.00	291	323.00	895
76.00	975	144.00	45	209.00	175	324.00	134
77.00	20024	145.00	41	211.00	426	327.00	196
78.00	1513	146.00	217	215.00	113	328.00	59
79.00	1843	147.00	446	217.00	2730	332.00	36
80.00	1035	148.00	1429	218.00	315	333.00	61
81.00	1551	149.00	343	221.00	2431	334.00	550
82.00	471	150.00	108	223.00	526	335.00	105
83.00	283	151.00	259	224.00	5163	341.00	133
84.00	137	153.00	287	225.00	1213	346.00	188
85.00	237	154.00	247	227.00	2141	352.00	273
86.00	492	155.00	580	228.00	320	353.00	213

Date : 31-AUG-2005 11:05

Client ID: DFTPP1Q Instrument: S1.i

Sample Info: DFTPP1Q,DFTPP1Q

Operator: AW/AJ

Column phase: DB-5MS Column diameter: 0.25

Data File: S1E5792.D
Spectrum: Avg. Scans 390-392 (6.75), Background Scan 388
Location of Maximum: 198.00
Number of points: 231

m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	254	156.00	832	229.00	470	384.00	278
88.00	106	157.00	188	230.00	70	385.00	1240
89.00	76	158.00	186	231.00	167	386.00	190
91.00	485	159.00	162	234.00	131	371.00	45
92.00	420	160.00	313	235.00	151	372.00	496
93.00	3234	161.00	467	236.00	105	373.00	109
94.00	76	162.00	121	237.00	146	383.00	119
95.00	83	164.00	105	239.00	83	384.00	36
96.00	91	165.00	456	240.00	46	390.00	40
98.00	2195	167.00	2242	241.00	129	402.00	237
99.00	1616	168.00	974	242.00	261	403.00	291
100.00	128	169.00	166	244.00	4213	404.00	96
101.00	889	171.00	84	245.00	593	421.00	298
102.00	82	172.00	201	246.00	774	422.00	233
103.00	270	173.00	215	247.00	159	423.00	2024
104.00	559	174.00	404	249.00	168	424.00	383
105.00	576	175.00	818	253.00	80	425.00	34
107.00	6103	176.00	266	255.00	20696	441.00	6320
108.00	935	177.00	386	256.00	3005	442.00	43032
110.00	12186	178.00	44	257.00	111	443.00	8473
111.00	1833	179.00	1534	258.00	1285	444.00	746
112.00	219	180.00	1015	259.00	166	445.00	41
113.00	41	181.00	481	264.00	40		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050831.B\S1E5792.D

Date : 31-AUG-2005 11:05

Client ID: DFTPP1Q

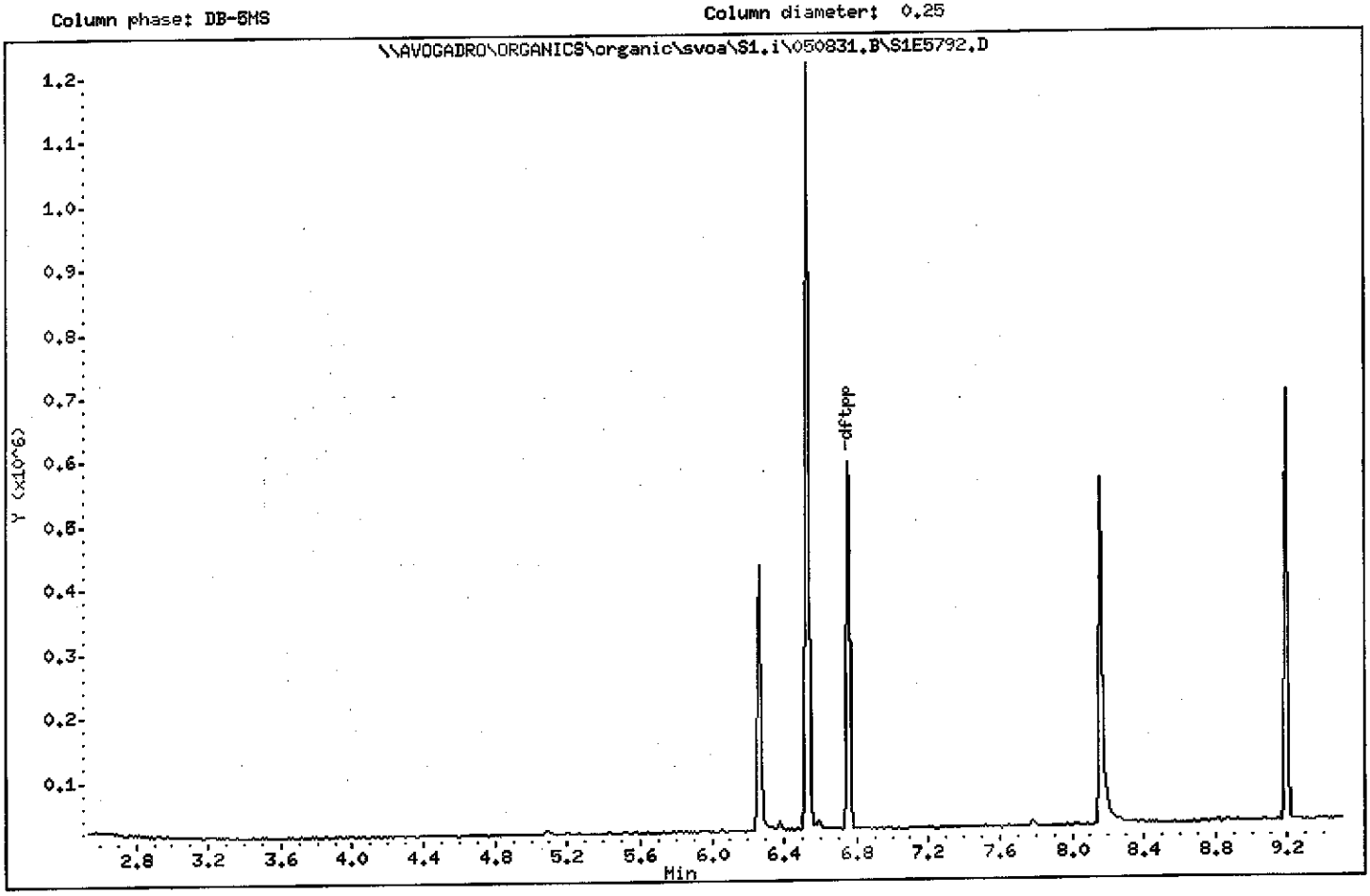
Instrument: S1.i

Sample Info: DFTPP1Q,DFTPP1Q

Operator: AW/AJ

Column phase: DB-5MS

Column diameter: 0.25



Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5925.D

Date : 13-SEP-2005 10:53

Client ID: DFTPP1A

Instrument: S1.i

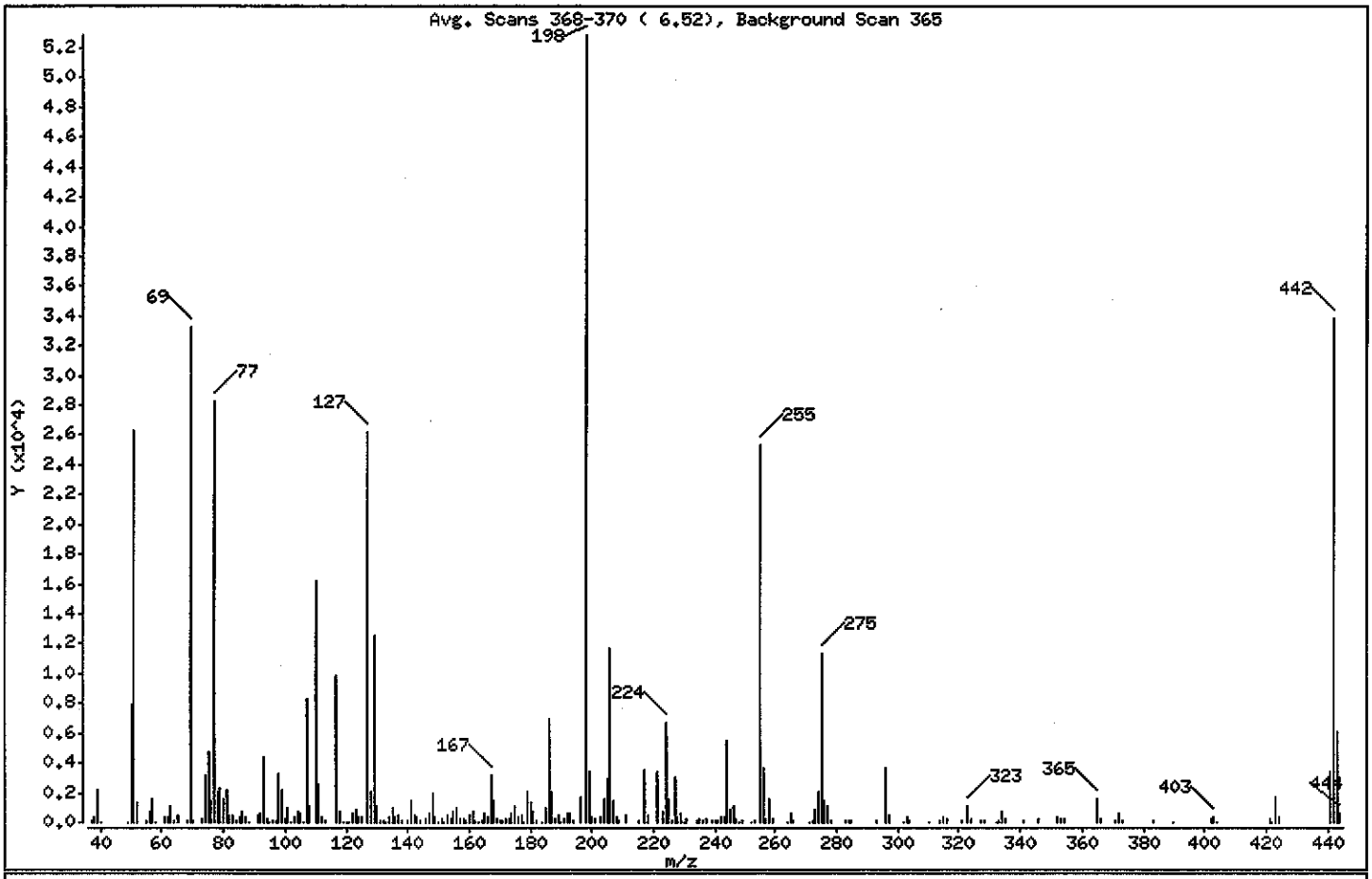
Sample Info: DFTPP1A,DFTPP1A

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	49.67
68	Less than 2.00% of mass 69	0.16 (0.26)
69	Mass 69 relative abundance	62.92
70	Less than 2.00% of mass 69	0.22 (0.34)
127	25.00 - 75.00% of mass 198	49.51
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.54
275	10.00 - 30.00% of mass 198	21.36
365	Greater than 0.75% of mass 198	3.04
441	Present, but less than mass 443	6.52
442	40.00 - 110.00% of mass 198	64.05
443	15.00 - 24.00% of mass 442	11.49 (17.94)

Date : 13-SEP-2005 10:53

Client ID: DFTPP1A Instrument: S1.i

Sample Info: DFTPP1A,DFTPP1A

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S1E5925.D
Spectrum: Avg. Scans 368-370 (6.52), Background Scan 365
Location of Maximum: 198.00
Number of points: 236

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	70	119.00	33	182.00	124	264.00	41
38.00	426	120.00	47	184.00	52	265.00	646
39.00	2139	121.00	40	185.00	985	266.00	80
40.00	57	122.00	613	186.00	6920	271.00	43
49.00	60	123.00	861	187.00	2025	272.00	107
50.00	7877	124.00	389	188.00	275	273.00	871
51.00	26248	125.00	313	189.00	497	274.00	2067
52.00	1306	127.00	26160	190.00	55	275.00	11289
55.00	164	128.00	2080	191.00	202	276.00	1445
56.00	771	129.00	12541	192.00	654	277.00	1046
57.00	1624	130.00	1092	193.00	637	278.00	178
58.00	47	131.00	145	194.00	112	283.00	120
61.00	329	132.00	83	196.00	1648	284.00	80
62.00	336	133.00	45	198.00	52848	285.00	170
63.00	1045	134.00	337	199.00	3459	293.00	177
64.00	114	135.00	929	200.00	341	296.00	3601
65.00	431	136.00	362	201.00	217	297.00	512
68.00	87	137.00	499	203.00	346	302.00	41
69.00	33256	138.00	70	204.00	1637	303.00	330
70.00	114	140.00	91	205.00	2869	304.00	91
73.00	293	141.00	1407	206.00	11683	310.00	36
74.00	3167	142.00	464	207.00	1510	314.00	139
75.00	4804	143.00	344	208.00	391	315.00	306
76.00	1476	144.00	122	209.00	179	316.00	242
77.00	28192	146.00	287	211.00	466	321.00	109
78.00	2026	147.00	667	215.00	164	323.00	1046
79.00	2327	148.00	1917	217.00	3490	324.00	225
80.00	1591	149.00	388	218.00	445	327.00	177
81.00	2199	150.00	55	221.00	3354	328.00	123
82.00	516	151.00	232	223.00	702	332.00	36
83.00	466	152.00	35	224.00	6746	333.00	112
84.00	167	153.00	490	225.00	1592	334.00	715
85.00	403	154.00	294	226.00	75	335.00	183
86.00	726	155.00	759	227.00	2984	341.00	124
87.00	306	156.00	1024	228.00	403	346.00	295

Date : 13-SEP-2005 10:53

Client ID: DFTPP1A Instrument: S1.i

Sample Info: DFTPP1A,DFTPP1A

Operator: AW

Column phase: DB-5MS Column diameter: 0.25

Data File: S1E5925.D
Spectrum: Avg. Scans 368-370 (6.52), Background Scan 365
Location of Maximum: 198.00
Number of points: 236

m/z	Y	m/z	Y	m/z	Y	m/z	Y
88.00	57	157.00	196	229.00	649	352.00	328
91.00	474	158.00	296	230.00	52	353.00	227
92.00	560	159.00	175	231.00	203	364.00	287
93.00	4364	160.00	484	234.00	158	365.00	1608
94.00	276	161.00	703	235.00	207	366.00	214
95.00	42	162.00	170	236.00	129	371.00	104
96.00	167	163.00	44	237.00	242	372.00	605
97.00	78	164.00	67	239.00	105	373.00	72
98.00	3253	165.00	550	240.00	77	383.00	165
99.00	2200	166.00	414	241.00	160	390.00	38
100.00	217	167.00	3184	242.00	392	402.00	202
101.00	917	168.00	1476	243.00	379	403.00	344
102.00	47	169.00	189	244.00	5426	404.00	46
103.00	404	170.00	90	245.00	826	421.00	219
104.00	707	171.00	102	246.00	1156	422.00	43
105.00	616	172.00	233	247.00	203	423.00	1651
106.00	43	173.00	296	248.00	40	424.00	392
107.00	8240	174.00	607	249.00	159	441.00	3446
108.00	1093	175.00	1069	252.00	38	442.00	33848
110.00	16151	176.00	322	253.00	124	443.00	6074
111.00	2608	177.00	441	255.00	25280	444.00	556
112.00	313	178.00	34	256.00	3663		
113.00	83	179.00	2065	257.00	293		
117.00	9910	180.00	1336	258.00	1642		
118.00	683	181.00	680	259.00	260		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5925.D

Date : 13-SEP-2005 10:53

Client ID: DFTPP1A

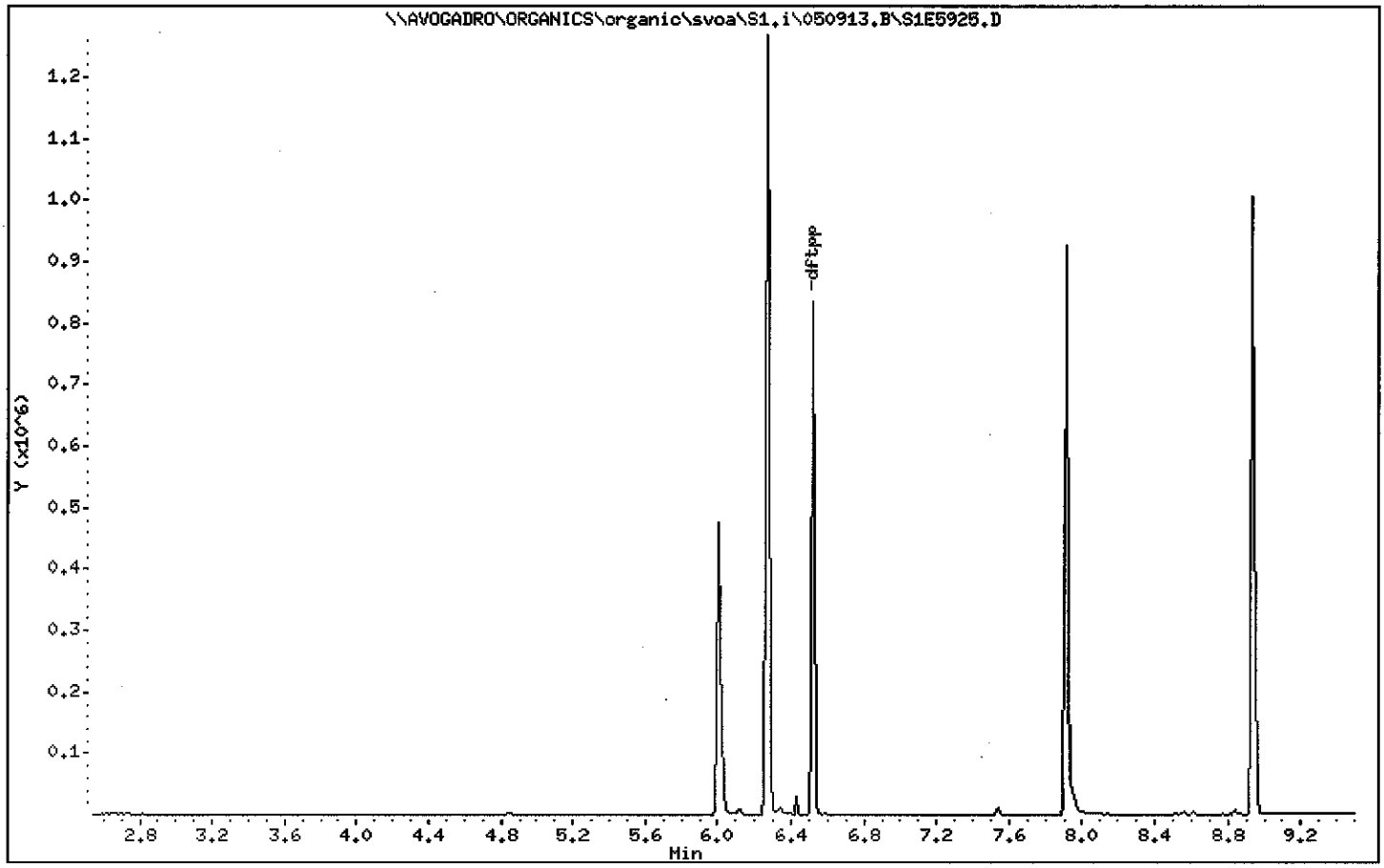
Instrument: S1.i

Sample Info: DFTPP1A,DFTPP1A

Operator: AW

Column phase: DB-5MS

Column diameter: 0.25



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5927

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5927

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SBLK1B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5927

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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16.					
17.					
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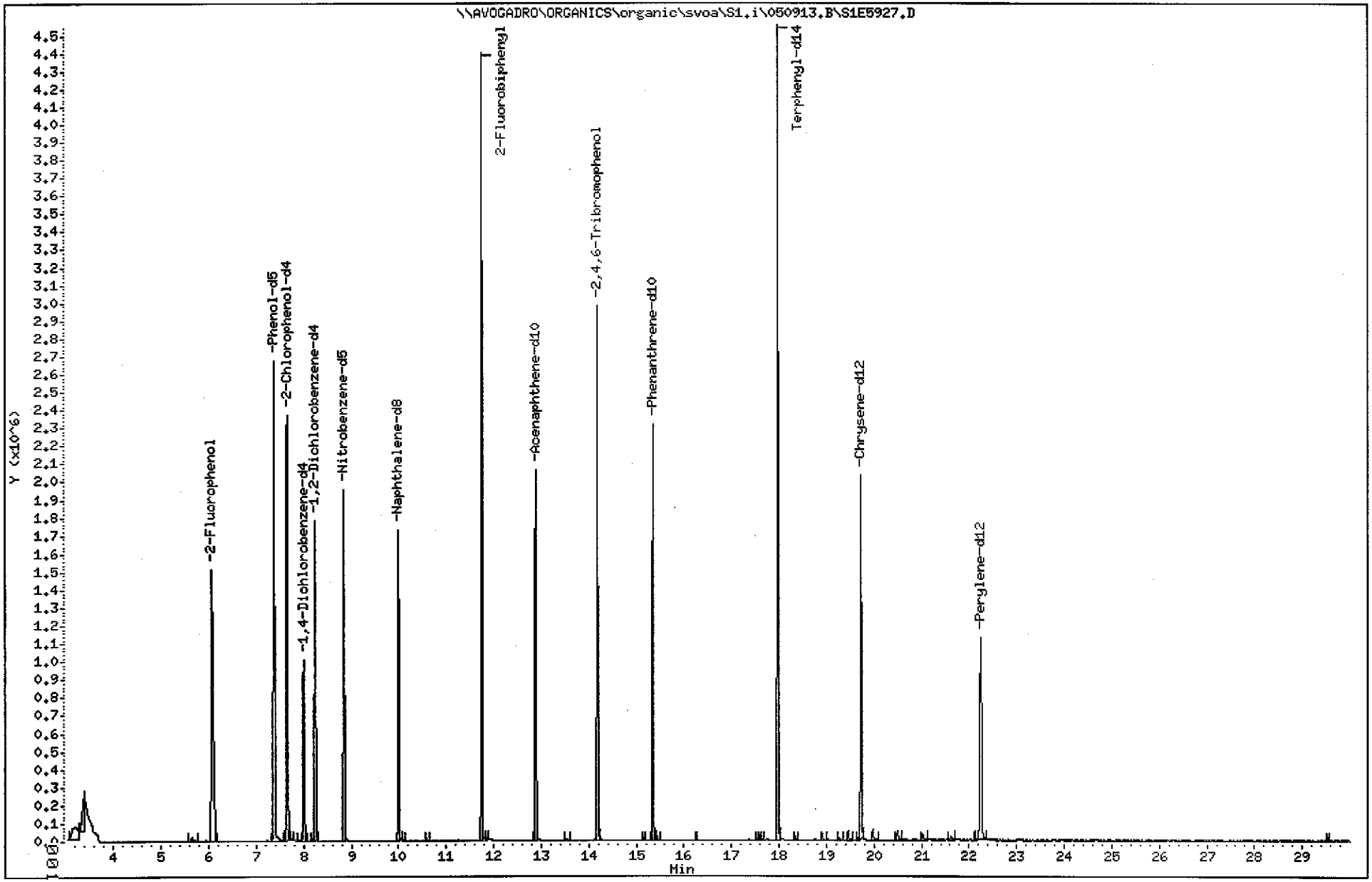
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5927.D
Date : 13-SEP-2005 12:02
Client ID: SBLK1B
Instrument: S1.i
Sample Info: MB-19698,SBLK1B,19698
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S1E5927.D
Report Date: 16-Sep-2005 13:22

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5927.D
Lab Smp Id: MB-19698 Client Smp ID: SBLK1B
Inj Date : 13-SEP-2005 12:02
Operator : AW SRC: LIMS Inst ID: S1.i
Smp Info : MB-19698,SBLK1B,19698
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ng)	FINAL (ug/L)
$	1	2-Fluorophenol	112	6.067	6.058	(0.758)	1158394	120.206	60
$	3	Phenol-d5	99	7.375	7.376	(0.922)	1611616	116.848	58
$	6	2-Chlorophenol-d4	132	7.656	7.646	(0.957)	1306178	117.990	59
*	8	1,4-Dichlorobenzene-d4	152	8.001	8.003	(1.000)	283376	40.0000	
$	9	1,2-Dichlorobenzene-d4	152	8.239	8.240	(1.030)	471923	63.9192	32
$	16	Nitrobenzene-d5	82	8.844	8.845	(0.884)	961107	83.5378	42
*	23	Naphthalene-d8	136	10.000	10.001	(1.000)	1129906	40.0000	
$	33	2-Fluorobiphenyl	172	11.750	11.751	(0.912)	1893908	78.4958	39
*	41	Acenaphthene-d10	164	12.884	12.886	(1.000)	666774	40.0000	
$	53	2,4,6-Tribromophenol	330	14.192	14.182	(0.925)	568371	124.736	62
*	58	Phenanthrene-d10	188	15.348	15.349	(1.000)	1196728	40.0000	
$	65	Terphenyl-d14	244	17.984	17.974	(0.911)	2287490	81.0814	41
*	69	Chrysene-d12	240	19.734	19.746	(1.000)	1050406	40.0000	
*	76	Perylene-d12	264	22.240	22.252	(1.000)	843829	40.0000	

KL
9/16/05

Data File: S1E5927.D
Report Date: 16-Sep-2005 13:22

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5927.D
Lab Smp Id: MB-19698 Client Smp ID: SBLK1B
Inj Date : 13-SEP-2005 12:02
Operator : AW SRC: LIMS Inst ID: S1.i
Smp Info : MB-19698,SBLK1B,19698
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1BLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5928

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	59	
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	62	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	40	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	62	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	40	

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S1BLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19698

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1E5928

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/29/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/05

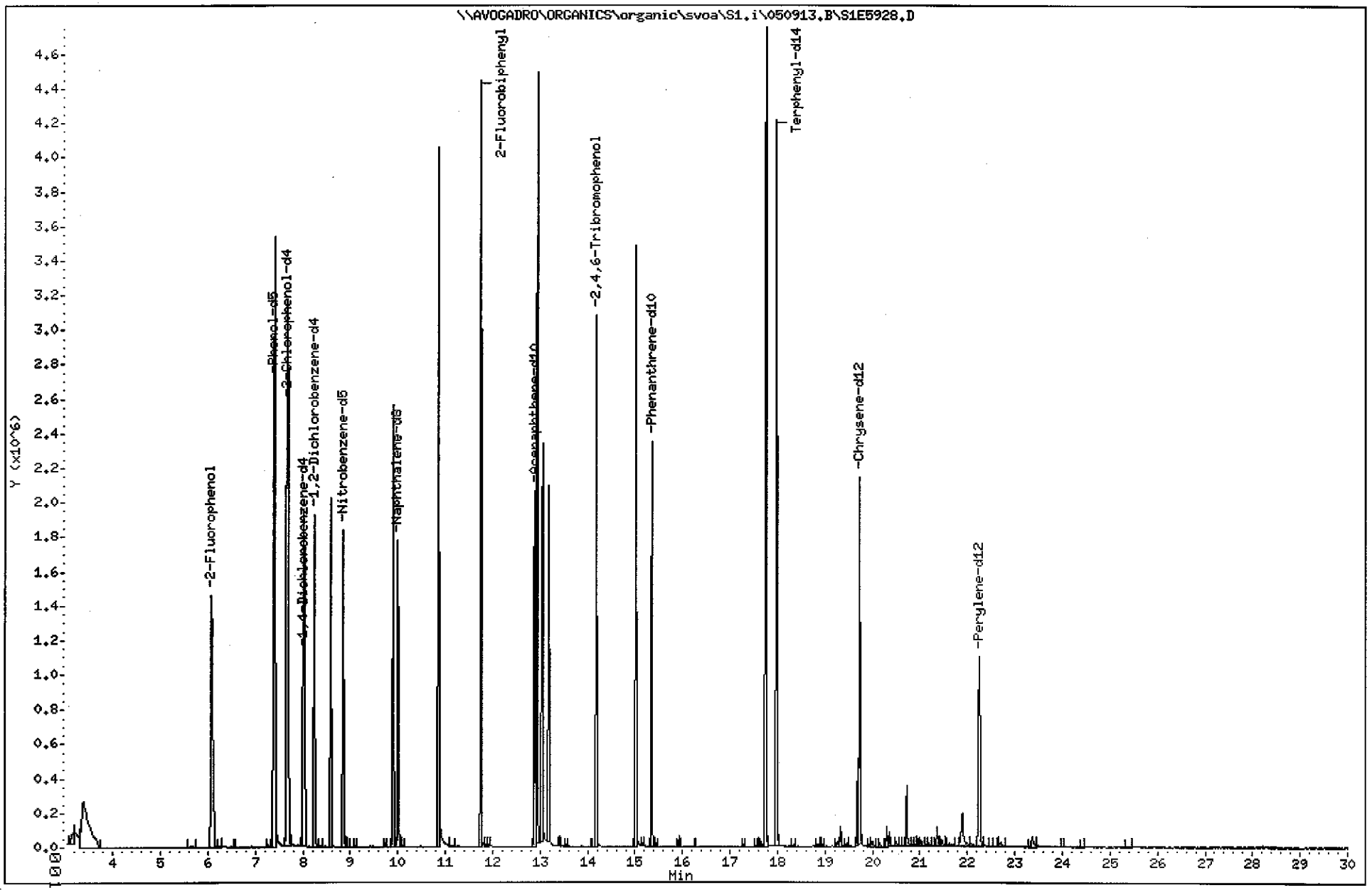
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	68	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	43	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	62	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	40	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	J
117-84-0	Di-n-octylphthalate	3	J
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

Data File: \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5928.D
Date : 13-SEP-2005 12:41
Client ID: S1BLCS
Instrument: S1.i
Sample Info: LCS-19698,S1BLCS,19698
Volume Injected (uL): 2.0
Operator: AW SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S1E5928.D
Report Date: 16-Sep-2005 13:22

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\S1E5928.D
Lab Smp Id: LCS-19698 Client Smp ID: S1BLCS
Inj Date : 13-SEP-2005 12:41
Operator : AW SRC: LIMS Inst ID: S1.i
Smp Info : LCS-19698,S1BLCS,19698
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\S1.i\050913.B\s1_olm4_2_S.m
Meth Date : 13-Sep-2005 11:56 mtl Quant Type: ISTD
Cal Date : 13-SEP-2005 11:12 Cal File: S1E5926.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.03
Processing Host: TARGET11

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	1	2-Fluorophenol	112	6.070	6.058	(0.758)	1144469	120.230	60
$	3	Phenol-d5	99	7.388	7.376	(0.923)	1589211	116.649	58
	4	Phenol ✓	94	7.409	7.398	(0.926)	1593967	117.935	59
$	6	2-Chlorophenol-d4	132	7.658	7.646	(0.957)	1328322	121.475	61
	7	2-Chlorophenol ✓	128	7.679	7.678	(0.960)	1287712	123.766	62
*	8	1,4-Dichlorobenzene-d4	152	8.004	8.003	(1.000)	279913	40.0000	(Q)
$	9	1,2-Dichlorobenzene-d4	152	8.241	8.240	(1.030)	490119	67.2050	34
	14	N-Nitroso-di-n-propylamine ✓	70	8.587	8.597	(1.073)	663895	80.7543	40(Q)
$	16	Nitrobenzene-d5	82	8.846	8.845	(0.884)	962353	81.2443	41
*	23	Naphthalene-d8	136	10.002	10.001	(1.000)	1163309	40.0000	
	28	4-Chloro-3-Methylphenol ✓	107	10.856	10.866	(1.085)	1256580	123.127	62
$	33	2-Fluorobiphenyl	172	11.752	11.751	(0.912)	1871488	75.6868	38
*	41	Acenaphthene-d10	164	12.887	12.886	(1.000)	683334	40.0000	
	42	Acenaphthene ✓	153	12.941	12.940	(1.004)	1642344	80.3130	40

Data File: S1E5928.D
Report Date: 16-Sep-2005 13:22

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	44	4-Nitrophenol ✓	109	13.049	13.037	(1.013)	512764	135.539	68(R)
	46	2,4-Dinitrotoluene ✓	165	13.189	13.177	(1.023)	723320	85.5962	43
$	53	2,4,6-Tribromophenol	330	14.194	14.182	(0.925)	580303	128.163	64
	57	Pentachlorophenol ✓	266	15.015	15.014	(0.978)	665050	124.248	62
*	58	Phenanthrene-d10	188	15.350	15.349	(1.000)	1189180	40.0000	
	64	Pyrene ✓	202	17.759	17.747	(0.900)	3214498	79.6354	40
$	65	Terphenyl-d14	244	17.986	17.974	(0.911)	2093723	73.1078	37
*	69	Chrysene-d12	240	19.736	19.746	(1.000)	1066288	40.0000	
	71	bis(2-Ethylhexyl)phthalate	149	19.682	19.681	(0.997)	352517	10.4640	5(a)
	72	Di-n-octylphthalate	149	20.719	20.718	(0.931)	298464	5.21448	3(a)
*	76	Perylene-d12	264	22.253	22.252	(1.000)	816914	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

09/16/05
AD

KC

MITKEM CORPORATION: ORGANIC PREP - CLP Semvolatiles

Date 8/29/05 | Analysis OLM5V0A | Method & SOP # | AQ: 3510C(SepF) (3520C(Liq/Liq)) Other: | Sample (Aqueous) Soil | Project(s) D1003, D1004, D0993, D0996

Soil: 3540C(Soxhlet) 3550B(Sonic) | Matrix Other:

Blank ID 19698 | LCS ID 19698 | Analyst: BA | Spiker: BA | Witness: KG | Solvent Lot # B29E13 MeCl2 | Acid Lot # OWR050822A | Time Started: 8:30 | Time Ended: 11:05 | GPC Batch #

Lab ID	Client ID	Wt/Vol Extracted	Surrogate Added	Matrix Spike Added	Initial pH	KD prior to GPC Date/Analyst	Vol. pre GPC	GPC Date/Analyst	KD after GPC Date/Analyst		Final Vol.	Date Ext. Trans.
MB-19698		1000mL	OSW050801B 500uL	—	<2	—			09/10/05	VG	1mL	09/10/05
LCS-19698				OSW050714B 500uL					09/10/05	VG		
D0993	01B			—					09/10/05	VG		
D0996	11B			—					09/10/05	VG		
D1003	01C			—					09/10/05	VG	1mL	09/10/05
	02C			—					09/13/05	VG	1mL	09/13/05
	02CMS			OSW050714B 500uL								
	02CMSD			OSW050714B 500uL								
	04C			—								
	05C			—								
D1003	07C			—								
D1004	01C			—								
D1004	02B	1000mL	OSW050801B 500uL	—	<2				09/13/05	VG	1mL	09/13/05
				8/29/05	BA							

09/10/05 VG

Comments

Sodium Sulfate Lot #: OWR 050907C – X

OWR 050912A – ✓

Water Bath Temperature:

Sonicator Tuned: Yes / (No)

Reviewed By: KL 9/16/05

Instrument S1
Injection Log

Mitkem Corporation
SemiVolatiles Laboratory

METHOD: OLM4.2
INITIAL CAL: 08/31/05
COMMENTS: IS-SP0808024

STD ID: SL0708168-Inc
SL0708304 - L2
F - L4
E - L3
C - L5
D - L1
↓
SL0708350 - ICV

ANALYST: HW
EMV: 2047
DATE: 08/31/05
DATE PRINTED:
DATE LOADED:

AS #	FILE	MITKEM ID	CLIENT ID	METHOD	DIL	COMMENTS	IS	SS

Injection Log

Directory: O:\ORGANIC\SVOA\S1.I\050831.B

Vial	FileName	Multiplier	SampleName	Misc Info	Injected
25	S1E.D	1.			1 Sep 2005 06:38
100	S1E5792.D	1.	DFTPP1@ DFTPP1@	3,,DFTPP,3	31 Aug 2005 11:05
1	S1E			2,3,SSTD050,3	31 Aug 2005 11:30
2	S1E			1,5,SSTD160,3	31 Aug 2005 12:12
3	S1E		SSTD020@ SSTD020@	1,1,SSTD020,3	31 Aug 2005 12:53
4	S1E			1,3,SSTD080,3	31 Aug 2005 13:35
5	S1E			1,4,SSTD120,3	31 Aug 2005 14:17
6	S1E5798.D	1.	ICV	ICV	31 Aug 2005 15:49

ICAL OLM

Daily Maintenance	
Gold Seal	new
Liner	new
Clipped Column	Yes
Ferrule	

Comments:

Logbook ID 70.0167-06/05

Reviewed By: KL 9/16/05

00146

09/14/01

Instrument S1
Injection Log

Mitkem Corporation
SemiVolatiles Laboratory

SWOT0816B - tune

METHOD: ~~8270~~ am4.2 STD ID: ~~SWOT0816B tune~~

INITIAL CAL: ~~09/09/01~~ 08/31/01 ~~SWOT09~~ SWOT09074-L2

ANALYST: KW

EMV: 2047

DATE: 09/13/01

DATE PRINTED:

DATE LOADED:

COMMENTS: IS - SP0T0802A

AS #	FILE		MITKEM ID		CLIENT ID	METHOD	DIL	COMMENTS	IS	SS
[illegible]			[illegible]		[illegible]	DFTCP	-	10:53 ok		
[illegible]			[illegible]		[illegible]			ok		
[illegible]			[illegible]		[illegible]			ok	✓	✓
		28	LCS-196	98	SIBLCS		-	1spike out, ok	✓	✓
		29	D0996-	11B	D14471		-	ok	✓	✓
		30	D0993-	01B	D12926		-	ok	✓	✓
		31	D1003-	01C	D14455		-	ok	✓	✓
		32	"	02C	D14456		-	ok	✓	✓
		33	"	MS 02C	D14456MS		-	1spike out ok	✓	✓
		34	"	MSD 02C	D14456MSD		-	1spike out, ok	✓	✓
		35	"	04C	D14458		-	ok	✓	✓
		36	"	05C	D14459		-	ok	✓	✓
		37	D1003 -	07C	D14462		-	ok	✓	✓
[illegible]			[illegible]		[illegible]			ok	✓	✓
								19:33 ok	✓	✓

09/14/01 AM

Daily Maintenance	
Gold Seal	clean
Liner	clean
Clipped Column	4"
Ferrule	

Comments:

KL 9/16/01

Logbook ID 70.0167-06/05

Reviewed By:

00147

Sample Receiving Logbook

Workorder No. D1804

Client Name: E+E

Date Recv'd 8/25/05 **Sample #s** 01, 02 **Storage Locations:** VOA, B2, M1

Date Recv'd _____ **Sample #s** 03 **Storage Locations:** E2

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

OUT		IN	
Relinquished By	**Received By**	**Relinquished By**	**Received By**
Date: 8/29/05 Init: JS	Date: 8/29/05 Init: BA	Date: 8/29/05 Init: JS	Date: 8/29/05 Init: BA
Samp. #s 1, 2		empty	
Date: 8/30/05 Init: JS	Date: 8/30/05 Init: BA	Date: 8/30/05 Init: JS	Date: 8/30/05 Init: BA
Samp. #s 1, 2		empty	
Date: 8/31/05 Init: BV	Date: 8/31/05 Init: KB	Date: 8/31/05 Init: BV	Date: 9/31/05 Init: KB
Samp. #s 1-2-3		1-3	
Date: 9/2/05 Init: BV	Date: 9/2/05 Init: KB	Date: 9/2/05 Init: BV	Date: 9/2/05 Init: KB
Samp. #s 3		3	
Date: 9/13/05 Init: BV	Date: 9/13/05 Init: KB	Date: 9/13/05 Init: BV	Date: 9/13/05 Init: KB
Samp. #s 1		1	
Date: 9/15/05 Init: KB	Date: 9/15/05 Init: SW	Date: Init:	Date: Init:
Samp. #s 3			
Date: Init:	Date: Init:	Date: Init:	Date: Init:
Samp. #s			
Date: Init:	Date: Init:	Date: Init:	Date: Init:
Samp. #s			

Comments: _____

Please record analyst's initials, date, and sample #s removed. Add any comments if necessary (broken bottles, empty jars, etc.)

00148

Logbook ID: 30.0287-07/05 **Reviewed:** KL 9/16/05

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
09/09/05	00993	12D	KG	✓	R7	
		13D		✓		
		14D		✓		
		15D		✓		
		17D		✓		
		18D		✓		
		19D		✓		
09/09/05	00993	20D	KG	✓	R7	
09/10/05	MB-19862		KG	AW	R7	
	LCS-19862			✓		
	LCSD-19862			✓		
09/10/05	01040	17A	KG	✓		
09/10/05	MB-19698		KG	✓	R7	
	LCS-19698			✓		
	00993	01B		✓		
09/10/05	00996	11B	KG	✓	R7	
09/12/05	MB-19799		KG	KL ✓	R20	
	LCS-19799			✓		
	LCSD-19799			✓		
	01023	06B		✓		
09/12/05	01023	07B	KG	✓		
	MB19907		SR	KL ✓	RW	
	LCS 19907			✓		
	01023	01D		✓		
		02D		✓		
		03D		✓		
		04D		✓		
		05D		✓		
		09D		✓		
		10D		✓		
		11D		✓		
		12D		✓		
		13D		✓		
9/12/05	01023	14D	SR	✓		

Logbook ID 70.0141-08/05

Reviewed By: KL 9/16/05

00149

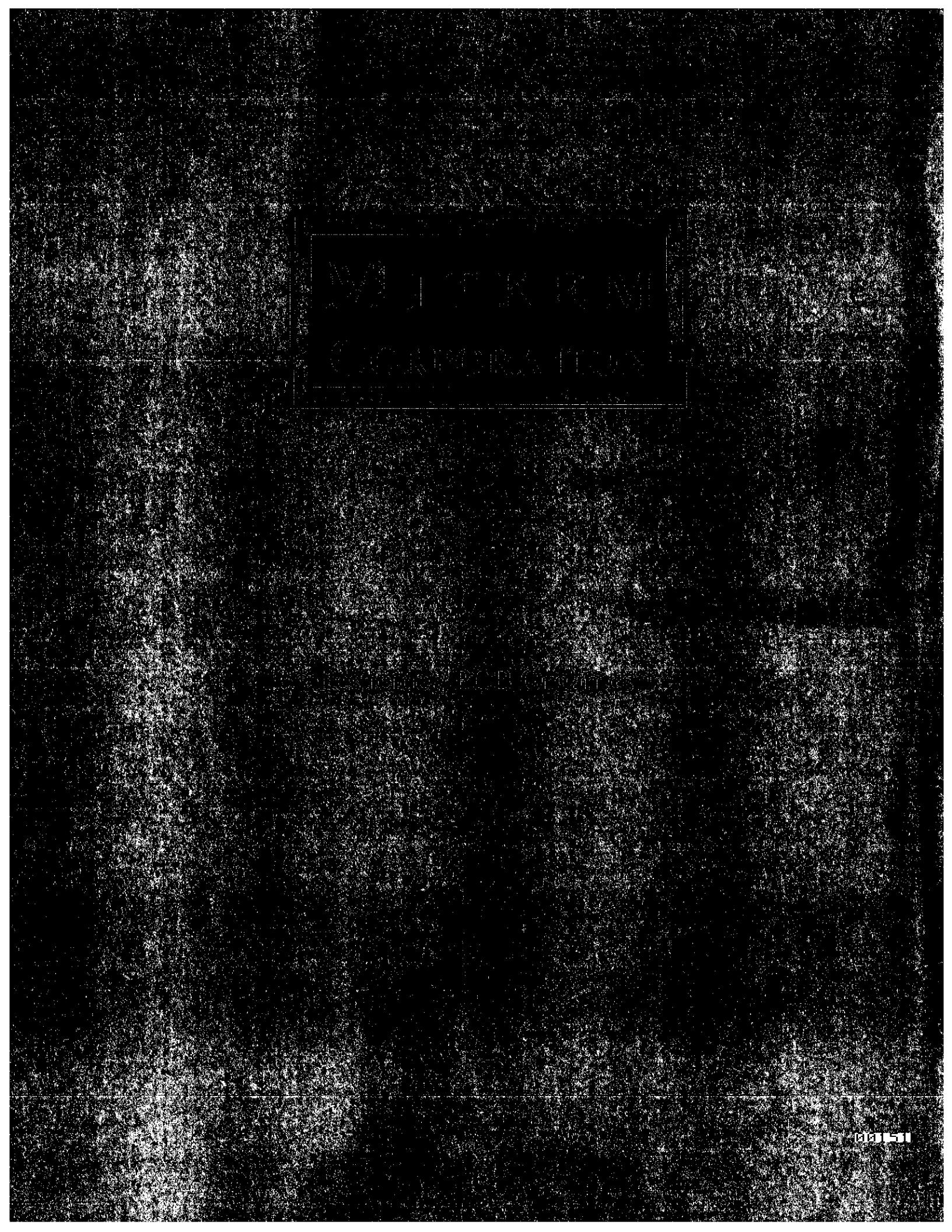
MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
09/13/05	~~MB-19698~~					
	~~LCS-19698~~					
09/13/05	01003	01C	KG	KW	R7	
		02C		✓		
		02CMS		✓		
		02CMSD		✓		
		04C		✓		
		05C		✓		
	01003	07C		✓		
	01004	01C		✓		
09/13/05	01004	02B	KG	✓ KW	R7	
09/13/05	MB-19726		KG	KW	R7	
	LCS-19726			✓		
	LCSD-19726			✓		
	01003	01C		✓		
		02C		✓		
		02CMS		✓		
		02CMSD		✓		
		04C		✓		
		05C		✓		
09/13/05	01003	07C	KG	KW	R7	
	MB 19426		SR	KW	R7	
	LCS 19426			✓		
	LCSD19426			✓		
	D1037 MSD	02ARE		✓		
	MB19776			✓		
	LCS19776			✓		
	LCSD19776			✓		
	LCS19777			✓		
	LCSD19777			✓		
	D1023	06B		✓		
	D1023	07B		✓		
	D1024	01B		✓ KW	R7	
9/13/05	MB19774		SR	KW	R7	

Logbook ID 70.0141-08/05

Reviewed By: KL 9/16/05

00150



2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column(1): CLPPEST ID: 0.53 (mm) GC Column(2): CLPPESTIIID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK5R	112	81	92	94			0
02	P5RLCS	81	80	95	96			0
03	SB-RB-W-R	70	69	76	78			0
04	MW12-W-O	98	75	84	86			0
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
(TCX) = Tetrachloro-m-xylene	(30-150)
(DCB) = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
WATER PESTICIDE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix Spike - Sample No.: P5RLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	0.50		0.31	62	56-123
Heptachlor	0.50		0.40	80	40-131
Aldrin	0.50		0.41	82	40-120
Dieldrin	1.0		0.95	95	52-126
Endrin	1.0		1.1	110	56-121
4,4'-DDT	1.0		0.82	82	38-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK5R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Lab Sample ID: MB-19699 Lab File ID: E5C2405F

Matrix (soil/water) WATER Extraction:(Type) SEPF

Sulfur Cleanup (Y/N) Y Date Extracted: 08/29/05

Date Analyzed (1): 09/21/05 Date Analyzed (2): 09/21/05

Time Analyzed (1): 0032 Time Analyzed (2): 0032

Instrument ID (1): E5 Instrument ID (2): E5

GC Column (1): CLPPEST ID: 0.53(mm) GC Column (2): CLPPESTII ID: 0.53(mm)

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	P5RLCS	LCS-19699	09/21/05	09/21/05
02	SB-RB-W-R	D1004-01C	09/21/05	09/21/05
03	MW12-W-O	D1004-02B	09/21/05	09/21/05
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

MW12-W-O

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2408F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 08/25/05

Extraction: (Type) SEPF Date Extracted: 08/29/05

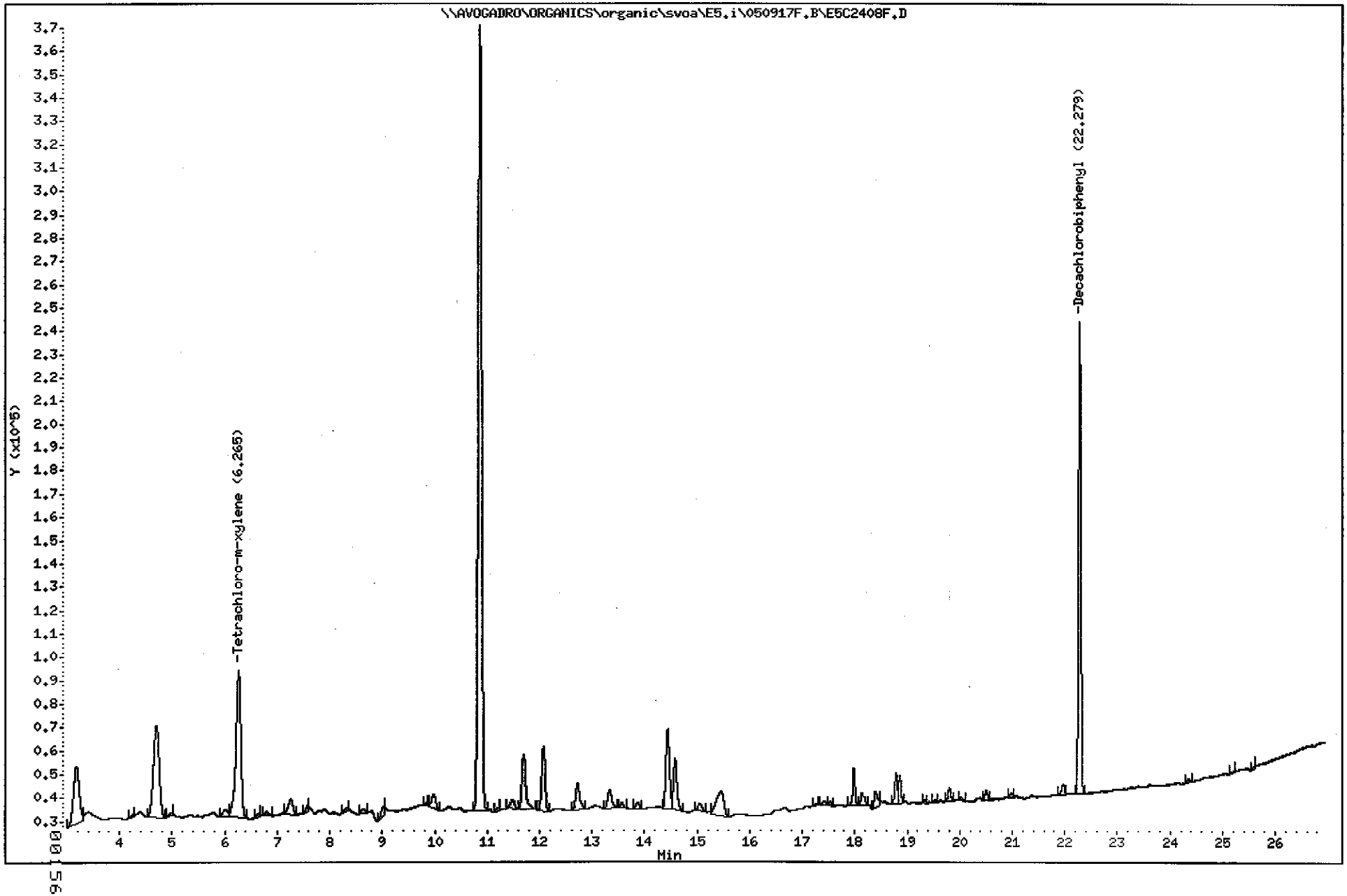
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

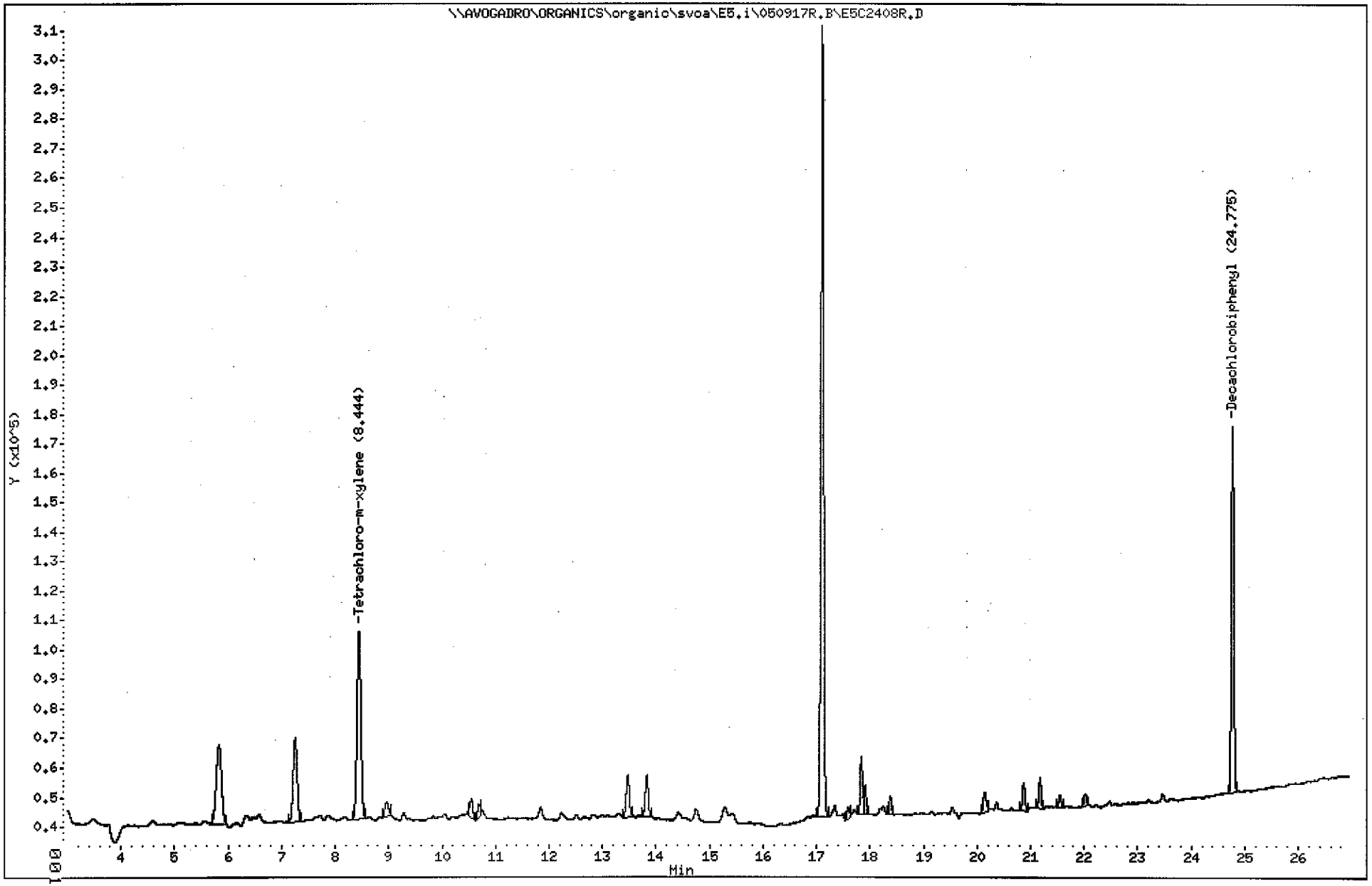
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2408F.D
Date : 21-SEP-2005 02:04
Client ID: MW12-W-0
Instrument: E5.i
Sample Info: D1004-02B,,19699,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2408R.D
Date : 21-SEP-2005 02:04
Client ID: MW12-W-0
Instrument: E5.i
Sample Info: D1004-02B,,19699,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2408F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2408F.D
Lab Smp Id: D1004-02B Client Smp ID: MW12-W-O
Inj Date : 21-SEP-2005 02:04
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D1004-02B,,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.26	6.28	-0.020	408372	0.01970	0.20		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	619853	0.01673	0.17		

9/27/05

Data File: E5C2408R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2408R.D
Lab Smp Id: D1004-02B Client Smp ID: MW12-W-O
Inj Date : 21-SEP-2005 02:04
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D1004-02B,,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 29
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.44	8.45	-0.010	320740	0.01504	0.15		
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	381327	0.01716	0.17		

9/27/05r

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-RB-W-R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: D1004-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2407F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 08/25/05

Extraction: (Type) SEPF Date Extracted: 08/29/05

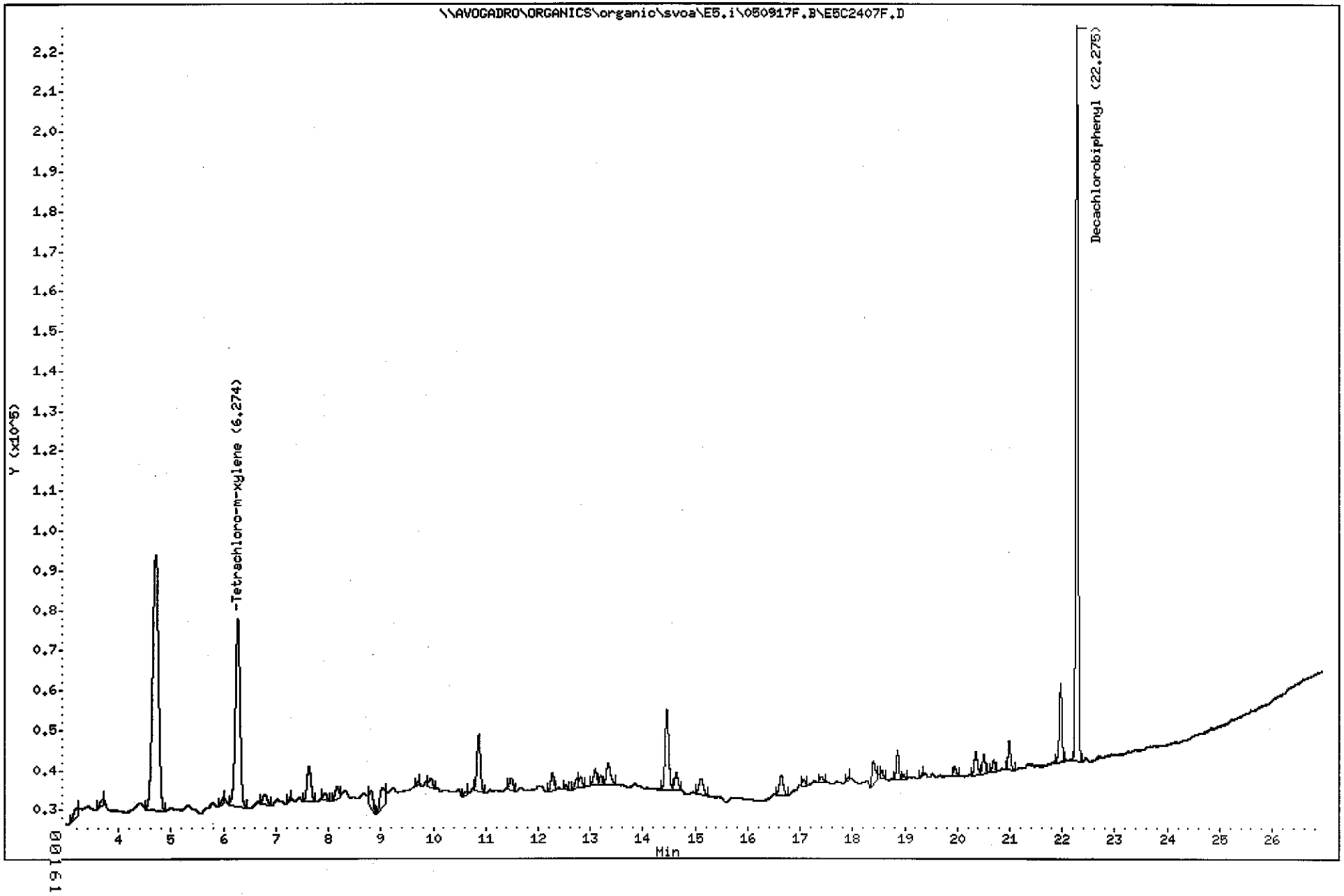
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

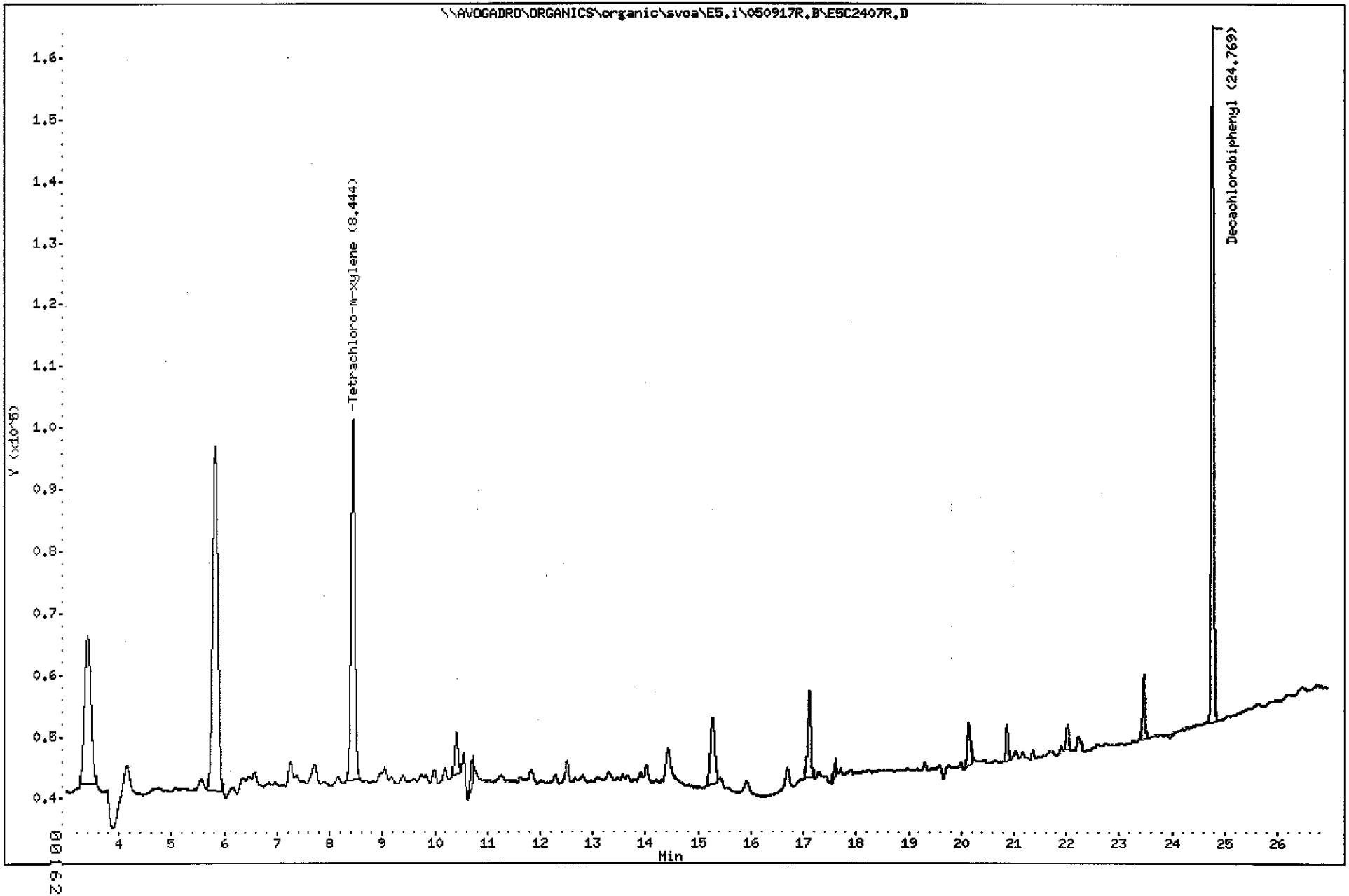
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2407F.D
Date : 21-SEP-2005 01:33
Client ID: SB-RB-W-R
Instrument: E5.i
Sample Info: D1004-01C,,19699,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2407R.D
Date : 21-SEP-2005 01:33
Client ID: SB-RB-W-R
Instrument: E5.i
Sample Info: D1004-01C,,19699,olp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2407F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2407F.D
Lab Smp Id: D1004-01C Client Smp ID: SB-RB-W-R
Inj Date : 21-SEP-2005 01:33
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D1004-01C,,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	290232	0.01400	0.14		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	566412	0.01528	0.15		

9/27/05 KC

Data File: E5C2407R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2407R.D
Lab Smp Id: D1004-01C Client Smp ID: SB-RB-W-R
Inj Date : 21-SEP-2005 01:33
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : D1004-01C,,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	294003	0.01378	0.14		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	346135	0.01557	0.16		

9/27/05

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPEST ID: 0.53 (mm) Date(s) Analyzed: 09/17/05 09/17/05

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	8.32	8.31	8.32	8.32	8.27	8.37
beta-BHC	9.81	9.81	9.81	9.81	9.76	9.86
delta-BHC	10.32	10.32	10.32	10.32	10.27	10.37
gamma-BHC (Lindane)	9.40	9.40	9.41	9.40	9.35	9.45
Heptachlor	10.91	10.91	10.91	10.91	10.86	10.96
Aldrin	11.79	11.79	11.79	11.79	11.74	11.84
Heptachlor epoxide	13.72	13.72	13.72	13.72	13.65	13.79
Endosulfan I	14.90	14.90	14.90	14.90	14.83	14.97
Dieldrin	16.07	16.07	16.07	16.07	16.00	16.14
4,4'-DDE	15.14	15.14	15.14	15.14	15.07	15.21
Endrin	16.95	16.95	16.95	16.95	16.88	17.02
Endosulfan II	17.53	17.53	17.53	17.53	17.46	17.60
4,4'-DDD	17.44	17.44	17.44	17.44	17.37	17.51
Endosulfan sulfate	19.51	19.51	19.51	19.51	19.44	19.58
4,4'-DDT	18.08	18.08	18.08	18.08	18.01	18.15
Methoxychlor	19.32	19.32	19.32	19.32	19.25	19.39
Endrin ketone	20.04	20.04	20.04	20.04	19.97	20.11
Endrin aldehyde	18.55	18.55	18.55	18.55	18.48	18.62
alpha-Chlordane	14.51	14.51	14.51	14.51	14.44	14.58
gamma-Chlordane	14.09	14.09	14.09	14.09	14.02	14.16
Tetrachloro-m-xylene	6.27	6.27	6.29	6.28	6.23	6.33
Decachlorobiphenyl	22.28	22.28	22.28	22.28	22.18	22.38

* Surrogate retention times are measured from Standard Mix A analyses.

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPESTII ID: 0.53 (mm) Date(s) Analyzed: 09/17/05 09/17/05

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	10.81	10.81	10.81	10.81	10.76	10.86
beta-BHC	12.44	12.44	12.44	12.44	12.39	12.49
delta-BHC	13.36	13.37	13.36	13.36	13.31	13.41
gamma-BHC (Lindane)	12.05	12.05	12.05	12.05	12.00	12.10
Heptachlor	13.43	13.43	13.44	13.43	13.38	13.48
Aldrin	14.41	14.41	14.41	14.41	14.36	14.46
Heptachlor epoxide	17.05	17.05	17.05	17.05	16.98	17.12
Endosulfan I	17.99	17.99	18.00	17.99	17.92	18.06
Dieldrin	18.66	18.66	18.66	18.66	18.59	18.73
4,4'-DDE	18.48	18.48	18.48	18.48	18.41	18.55
Endrin	19.33	19.33	19.33	19.33	19.26	19.40
Endosulfan II	19.83	19.83	19.82	19.83	19.76	19.90
4,4'-DDD	19.78	19.78	19.79	19.78	19.71	19.85
Endosulfan sulfate	21.18	21.18	21.17	21.18	21.11	21.25
4,4'-DDT	20.45	20.45	20.45	20.45	20.38	20.52
Methoxychlor	21.96	21.96	21.96	21.96	21.89	22.03
Endrin ketone	22.23	22.22	22.22	22.22	22.15	22.29
Endrin aldehyde	20.59	20.59	20.59	20.59	20.52	20.66
alpha-Chlordane	17.92	17.92	17.92	17.92	17.85	17.99
gamma-Chlordane	17.55	17.55	17.55	17.55	17.48	17.62
Tetrachloro-m-xylene	8.44	8.44	8.45	8.45	8.40	8.50
Decachlorobiphenyl	24.77	24.78	24.78	24.78	24.68	24.88

* Surrogate retention times are measured from Standard Mix A analyses.

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPEST ID: 0.53 (mm) Date(s) Analyzed: 09/17/05 09/17/05

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	45668200	39349550	43182925	42733558	7.4
beta-BHC	18874800	17442900	16986650	17768117	5.5
delta-BHC	39450200	42077000	45192088	42239763	6.8
gamma-BHC (Lindane)	47293800	39671950	42417400	43127717	9.0
Heptachlor	57969400	46611100	48285950	50955483	12.0
Aldrin	40483800	41041250	43301850	41608967	3.6
Heptachlor epoxide	42821400	41393350	42454013	42222921	1.8
Endosulfan I	50372000	40369750	40839925	43860558	12.9
Dieldrin	47061800	40063475	43182706	43435994	8.1
4,4'-DDE	34936600	36689275	39693538	37106471	6.5
Endrin	35864700	30403325	32270625	32846217	8.5
Endosulfan II	37480900	34481000	37133213	36365038	4.5
4,4'-DDD	39016800	33522600	34890106	35809835	8.0
Endosulfan sulfate	35656500	35287650	36263944	35736031	1.4
4,4'-DDT	41182100	35384550	37175988	37914213	7.8
Methoxychlor	22583520	17888740	16415138	18962466	17.0
Endrin ketone	38924000	38958675	39329244	39070640	0.6
Endrin aldehyde	29536600	27572825	27885631	28331685	3.7
alpha-Chlordane	41239600	38851150	39285900	39792217	3.2
gamma-Chlordane	44032400	42330700	43409688	43257596	2.0
Tetrachloro-m-xylene	26288200	20732400	20894025	22638208	14.0
Decachlorobiphenyl	48808600	37057750	35663288	40509879	17.8

* Surrogate calibration factors are measured from Standard Mix A analyses.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: E5 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: CLPPESTII ID: 0.53 (mm) Date(s) Analyzed: 09/17/05 09/17/05

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	38464600	32374650	35695413	35511554	8.6
beta-BHC	15086000	13828500	13184075	14032858	6.9
delta-BHC	29574200	30038200	33013888	30875429	6.0
gamma-BHC (Lindane)	36866600	30519400	32703950	33363317	9.7
Heptachlor	39051600	30715750	31481600	33749650	13.7
Aldrin	26421600	25615450	26944200	26327083	2.5
Heptachlor epoxide	28159200	25740700	26286788	26728896	4.7
Endosulfan I	33190400	26102350	26093663	28462138	14.4
Dieldrin	32522900	27031675	28836338	29463638	9.5
4,4'-DDE	24009400	24216650	26355794	24860615	5.2
Endrin	24074300	19677800	21043638	21598579	10.4
Endosulfan II	25222400	22324850	24508813	24018688	6.3
4,4'-DDD	25539700	21232250	22676488	23149479	9.5
Endosulfan sulfate	23919500	22685650	23601225	23402125	2.7
4,4'-DDT	26573900	22164025	23999263	24245729	9.1
Methoxychlor	14926460	11703915	11463514	12697963	15.2
Endrin ketone	26510500	25645775	26689938	26282071	2.1
Endrin aldehyde	19008700	17569900	18031713	18203438	4.0
alpha-Chlordane	26884000	24787100	25151200	25607433	4.4
gamma-Chlordane	28057600	26266700	27004863	27109721	3.3
Tetrachloro-m-xylene	27377400	21331700	21082075	23263725	15.3
Decachlorobiphenyl	29949600	22226075	21249269	24474981	19.5

* Surrogate calibration factors are measured from Standard Mix A analyses.

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: E5 Date(s) Analyzed: 09/17/05 09/17/05

GC Column: CLPPEST ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	18.77	18.70	18.84	2155560
		2	19.22	19.15	19.29	2778102
		3	19.38	19.31	19.45	3968458
		4				
		5				
Aroclor-1016	0.10	1	8.95	8.88	9.02	1053960
		2	9.59	9.52	9.66	761940
		3	10.45	10.38	10.52	2478700
		4				
		5				
Aroclor-1221	0.20	1	7.09	7.02	7.16	258535
		2	7.62	7.55	7.69	177825
		3	7.75	7.68	7.82	690055
		4				
		5				
Aroclor-1232	0.10	1	9.58	9.51	9.65	337780
		2	10.45	10.38	10.52	1093460
		3	12.14	12.07	12.21	482740
		4				
		5				
Aroclor-1242	0.10	1	12.14	12.07	12.21	940120
		2	13.15	13.08	13.22	387620
		3	13.42	13.35	13.49	745690
		4				
		5				
Aroclor-1248	0.10	1	13.15	13.08	13.22	593100
		2	14.05	13.98	14.12	1121130
		3	15.49	15.42	15.56	719610
		4				
		5				
Aroclor-1254	0.10	1	16.80	16.73	16.87	1469630
		2	17.31	17.24	17.38	1423160
		3	17.95	17.88	18.02	2004230
		4				
		5				
Aroclor-1260	0.10	1	19.46	19.39	19.53	3048890
		2	20.05	19.98	20.12	1781530
		3	21.35	21.28	21.42	908180
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Instrument ID: E5 Date(s) Analyzed: 09/17/05 09/17/05

GC Column: CLPPESTII ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	20.02	19.95	20.09	1495052
		2	20.61	20.54	20.68	1375758
		3	21.64	21.57	21.71	2373648
		4				
		5				
Aroclor-1016	0.10	1	10.37	10.30	10.44	450920
		2	11.76	11.69	11.83	890890
		3	12.44	12.37	12.51	254620
		4				
		5				
Aroclor-1221	0.20	1	9.67	9.60	9.74	239080
		2	10.17	10.10	10.24	159935
		3	10.37	10.30	10.44	625820
		4				
		5				
Aroclor-1232	0.10	1	10.36	10.29	10.43	497760
		2	11.76	11.69	11.83	342110
		3	13.22	13.15	13.29	855090
		4				
		5				
Aroclor-1242	0.10	1	13.22	13.15	13.29	1519110
		2	13.65	13.58	13.72	602200
		3	13.96	13.89	14.03	355660
		4				
		5				
Aroclor-1248	0.10	1	15.32	15.25	15.39	704590
		2	16.86	16.79	16.93	449240
		3	17.07	17.00	17.14	931860
		4				
		5				
Aroclor-1254	0.10	1	17.17	17.10	17.24	867520
		2	17.67	17.60	17.74	1036750
		3	18.73	18.66	18.80	1360890
		4				
		5				
Aroclor-1260	0.10	1	19.18	19.11	19.25	1157880
		2	19.95	19.88	20.02	441600
		3	20.42	20.35	20.49	1951060
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (RESC##): RESCA1 Lab Sample ID (1): RESCA1

Date Analyzed (1): 09/17/05 Time Analyzed (1): 1339

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.26	100.0
02	gamma-Chlordane	14.09	100.0
03	Endosulfan I	14.90	97.8
04	4,4'-DDE	15.14	100.0
05	Dieldrin	16.07	100.0
06	Methoxychlor	19.32	100.0
07	Endosulfan sulfate	19.51	100.0
08	Endrin ketone	20.04	100.0
09	Decachlorobiphenyl	22.28	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (RESC##): RESCA1 Lab Sample ID (2): RESCA1

Date Analyzed (2): 09/17/05 Time Analyzed (2): 1339

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.44	100.0
02	gamma-Chlordane	17.55	100.0
03	Endosulfan I	17.99	100.0
04	4,4'-DDE	18.48	100.0
05	Dieldrin	18.65	100.0
06	Endosulfan sulfate	21.18	100.0
07	Methoxychlor	21.96	100.0
08	Endrin ketone	22.22	100.0
09	Decachlorobiphenyl	24.77	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMA1 Lab Sample ID (1): PEMA1

Date Analyzed (1): 09/17/05 Time Analyzed (1): 1410

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.26	100.0
02	alpha-BHC	8.31	100.0
03	gamma-BHC (Lindane)	9.40	100.0
04	beta-BHC	9.81	100.0
05	Endrin	16.95	100.0
06	4,4'-DDT	18.08	100.0
07	Methoxychlor	19.32	100.0
08	Decachlorobiphenyl	22.28	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMA1 Lab Sample ID (2): PEMA1

Date Analyzed (2): 09/17/05 Time Analyzed (2): 1410

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.44	100.0
02	alpha-BHC	10.81	100.0
03	gamma-BHC (Lindane)	12.05	100.0
04	beta-BHC	12.44	100.0
05	Endrin	19.33	100.0
06	4,4'-DDT	20.45	100.0
07	Methoxychlor	21.96	100.0
08	Decachlorobiphenyl	24.78	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMA2 Lab Sample ID (1): PEMA2

Date Analyzed (1): 09/17/05 Time Analyzed (1): 2219

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	alpha-BHC	8.31	100.0
03	gamma-BHC (Lindane)	9.40	100.0
04	beta-BHC	9.81	100.0
05	Endrin	16.95	100.0
06	4,4'-DDT	18.07	100.0
07	Methoxychlor	19.32	100.0
08	Decachlorobiphenyl	22.28	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMA2 Lab Sample ID (2): PEMA2

Date Analyzed (2): 09/17/05 Time Analyzed (2): 2219

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.44	100.0
02	alpha-BHC	10.80	100.0
03	gamma-BHC (Lindane)	12.05	100.0
04	beta-BHC	12.44	100.0
05	Endrin	19.33	100.0
06	4,4'-DDT	20.44	100.0
07	Methoxychlor	21.96	100.0
08	Decachlorobiphenyl	24.77	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMAB Lab Sample ID (1): PEMAB

Date Analyzed (1): 09/20/05 Time Analyzed (1): 1351

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	alpha-BHC	8.32	100.0
03	gamma-BHC (Lindane)	9.40	100.0
04	beta-BHC	9.81	100.0
05	Endrin	16.95	100.0
06	4,4'-DDT	18.08	100.0
07	Methoxychlor	19.32	100.0
08	Decachlorobiphenyl	22.28	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMAB Lab Sample ID (2): PEMAB

Date Analyzed (2): 09/20/05 Time Analyzed (2): 1351

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.45	100.0
02	alpha-BHC	10.81	100.0
03	gamma-BHC (Lindane)	12.05	100.0
04	beta-BHC	12.44	100.0
05	Endrin	19.33	100.0
06	4,4'-DDT	20.45	100.0
07	Methoxychlor	21.96	100.0
08	Decachlorobiphenyl	24.78	

6I
PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMAD Lab Sample ID (1): PEMAD

Date Analyzed (1): 09/21/05 Time Analyzed (1): 0537

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	alpha-BHC	8.31	100.0
03	gamma-BHC (Lindane)	9.40	100.0
04	beta-BHC	9.80	100.0
05	Endrin	16.95	100.0
06	4,4'-DDT	18.08	100.0
07	Methoxychlor	19.32	100.0
08	Decachlorobiphenyl	22.28	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMAD Lab Sample ID (2): PEMAD

Date Analyzed (2): 09/21/05 Time Analyzed (2): 0537

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.44	100.0
02	alpha-BHC	10.81	100.0
03	gamma-BHC (Lindane)	12.05	100.0
04	beta-BHC	12.44	100.0
05	Endrin	19.33	100.0
06	4,4'-DDT	20.45	100.0
07	Methoxychlor	21.96	100.0
08	Decachlorobiphenyl	24.78	

INDIVIDUAL STANDARD MIXTURE A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (INDAM##): INDAMA1 Lab Sample ID (1): INDAMA1

Date Analyzed (1): 09/17/05 Time Analyzed (1): 1946

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.27	100.0
02	alpha-BHC	8.31	100.0
03	gamma-BHC (Lindane)	9.40	100.0
04	Heptachlor	10.91	100.0
05	Endosulfan I	14.90	100.0
06	Dieldrin	16.07	100.0
07	Endrin	16.95	100.0
08	4,4'-DDD	17.44	100.0
09	4,4'-DDT	18.08	100.0
10	Methoxychlor	19.32	100.0
11	Decachlorobiphenyl	22.28	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (INDAM##): INDAMA1 Lab Sample ID (2): INDAMA1

Date Analyzed (2): 09/17/05 Time Analyzed (2): 1946

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.44	100.0
02	alpha-BHC	10.81	100.0
03	gamma-BHC (Lindane)	12.05	100.0
04	Heptachlor	13.43	100.0
05	Endosulfan I	17.99	100.0
06	Dieldrin	18.66	100.0
07	Endrin	19.33	100.0
08	4,4'-DDD	19.78	100.0
09	4,4'-DDT	20.45	100.0
10	Methoxychlor	21.96	100.0
11	Decachlorobiphenyl	24.78	

6K
INDIVIDUAL STANDARD MIXTURE B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (INDBM##): INDBMA1 Lab Sample ID (1): INDBMA1

Date Analyzed (1): 09/17/05 Time Analyzed (1): 2017

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.29	100.0
02	beta-BHC	9.81	100.0
03	delta-BHC	10.32	100.0
04	Aldrin	11.79	100.0
05	Heptachlor epoxide	13.72	100.0
06	gamma-Chlordane	14.09	100.0
07	alpha-Chlordane	14.51	100.0
08	4,4'-DDE	15.14	100.0
09	Endosulfan II	17.53	100.0
10	Endrin aldehyde	18.55	100.0
11	Endosulfan sulfate	19.51	100.0
12	Endrin ketone	20.04	100.0
13	Decachlorobiphenyl	22.28	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (INDBM##): INDBMA1 Lab Sample ID (2): INDBMA1

Date Analyzed (2): 09/17/05 Time Analyzed (2): 2017

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.45	100.0
02	beta-BHC	12.44	100.0
03	delta-BHC	13.37	100.0
04	Aldrin	14.41	100.0
05	Heptachlor epoxide	17.05	100.0
06	gamma-Chlordane	17.55	100.0
07	alpha-Chlordane	17.92	100.0
08	4,4'-DDE	18.48	100.0
09	Endosulfan II	19.82	100.0
10	Endrin aldehyde	20.59	100.0
11	Endosulfan sulfate	21.18	100.0
12	Endrin ketone	22.22	100.0
13	Decachlorobiphenyl	24.77	

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEMA1 Date Analyzed : 09/17/05

Lab Sample ID (PEM) : PEMA1 Time Analyzed : 1410

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.31	8.27	8.37	0.009	0.010	-10.0
beta-BHC	9.81	9.76	9.86	0.011	0.010	10.0
gamma-BHC (Lindane)	9.40	9.35	9.45	0.009	0.010	-10.0
Endrin	16.95	16.88	17.02	0.059	0.050	18.0
4,4'-DDT	18.08	18.01	18.15	0.102	0.10	2.0
Methoxychlor	19.32	19.25	19.39	0.238	0.25	-4.8

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 4.40

Combined % Breakdown (1): 4.40

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEMA1 Date Analyzed : 09/17/05

Lab Sample ID (PEM) : PEMA1 Time Analyzed : 1410

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.81	10.76	10.86	0.009	0.010	-10.0
beta-BHC	12.44	12.39	12.49	0.011	0.010	10.0
gamma-BHC (Lindane)	12.05	12.00	12.10	0.010	0.010	0.0
Endrin	19.33	19.26	19.40	0.058	0.050	16.0
4,4'-DDT	20.45	20.38	20.52	0.103	0.10	3.0
Methoxychlor	21.96	21.89	22.03	0.238	0.25	-4.8

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 3.20

Combined % Breakdown (1): 3.20

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKA2 Date Analyzed : 09/17/05

Lab Sample ID (PIBLK) : PIBLKA2 Time Analyzed : 2148

EPA Sample No.(PEM##) : PEMA2 Date Analyzed : 09/17/05

Lab Sample ID (PEM) : PEMA2 Time Analyzed : 2219

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.31	8.27	8.37	0.009	0.010	-10.0
beta-BHC	9.81	9.76	9.86	0.011	0.010	10.0
gamma-BHC (Lindane)	9.40	9.35	9.45	0.009	0.010	-10.0
Endrin	16.95	16.88	17.02	0.058	0.050	16.0
4,4'-DDT	18.07	18.01	18.15	0.102	0.10	2.0
Methoxychlor	19.32	19.25	19.39	0.239	0.25	-4.4

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 5.83

Combined % Breakdown (1): 5.83

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKA2 Date Analyzed : 09/17/05

Lab Sample ID (PIBLK) : PIBLKA2 Time Analyzed : 2148

EPA Sample No.(PEM##) : PEMA2 Date Analyzed : 09/17/05

Lab Sample ID (PEM) : PEMA2 Time Analyzed : 2219

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.80	10.76	10.86	0.009	0.010	-10.0
beta-BHC	12.44	12.39	12.49	0.011	0.010	10.0
gamma-BHC (Lindane)	12.05	12.00	12.10	0.010	0.010	0.0
Endrin	19.33	19.26	19.40	0.057	0.050	14.0
4,4'-DDT	20.44	20.38	20.52	0.104	0.10	4.0
Methoxychlor	21.96	21.89	22.03	0.242	0.25	-3.2

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 9.50

Combined % Breakdown (1): 9.50

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKAB Date Analyzed : 09/20/05

Lab Sample ID (PIBLK) : PIBLKAB Time Analyzed : 1321

EPA Sample No.(PEM##) : PEMAB Date Analyzed : 09/20/05

Lab Sample ID (PEM) : PEMAB Time Analyzed : 1351

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.32	8.27	8.37	0.009	0.010	-10.0
beta-BHC	9.81	9.76	9.86	0.011	0.010	10.0
gamma-BHC (Lindane)	9.40	9.35	9.45	0.009	0.010	-10.0
Endrin	16.95	16.88	17.02	0.058	0.050	16.0
4,4'-DDT	18.08	18.01	18.15	0.100	0.10	0.0
Methoxychlor	19.32	19.25	19.39	0.234	0.25	-6.4

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 4.42

Combined % Breakdown (1): 4.42

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKAB Date Analyzed : 09/20/05

Lab Sample ID (PIBLK) : PIBLKAB Time Analyzed : 1321

EPA Sample No.(PEM##) : PEMAB Date Analyzed : 09/20/05

Lab Sample ID (PEM) : PEMAB Time Analyzed : 1351

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.81	10.76	10.86	0.009	0.010	-10.0
beta-BHC	12.44	12.39	12.49	0.011	0.010	10.0
gamma-BHC (Lindane)	12.05	12.00	12.10	0.010	0.010	0.0
Endrin	19.33	19.26	19.40	0.057	0.050	14.0
4,4'-DDT	20.45	20.38	20.52	0.101	0.10	1.0
Methoxychlor	21.96	21.89	22.03	0.235	0.25	-6.0

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 3.17

Combined % Breakdown (1): 3.17

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKAD Date Analyzed : 09/21/05

Lab Sample ID (PIBLK) : PIBLKAD Time Analyzed : 0507

EPA Sample No.(PEM##) : PEMAD Date Analyzed : 09/21/05

Lab Sample ID (PEM) : PEMAD Time Analyzed : 0537

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.31	8.27	8.37	0.009	0.010	-10.0
beta-BHC	9.80	9.76	9.86	0.011	0.010	10.0
gamma-BHC (Lindane)	9.40	9.35	9.45	0.010	0.010	0.0
Endrin	16.95	16.88	17.02	0.061	0.050	22.0
4,4'-DDT	18.08	18.01	18.15	0.103	0.10	3.0
Methoxychlor	19.32	19.25	19.39	0.241	0.25	-3.6

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 4.60

Combined % Breakdown (1): 4.60

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKAD Date Analyzed : 09/21/05

Lab Sample ID (PIBLK) : PIBLKAD Time Analyzed : 0507

EPA Sample No.(PEM##) : PEMAD Date Analyzed : 09/21/05

Lab Sample ID (PEM) : PEMAD Time Analyzed : 0537

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.81	10.76	10.86	0.009	0.010	-10.0
beta-BHC	12.44	12.39	12.49	0.011	0.010	10.0
gamma-BHC (Lindane)	12.05	12.00	12.10	0.010	0.010	0.0
Endrin	19.33	19.26	19.40	0.060	0.050	20.0
4,4'-DDT	20.45	20.38	20.52	0.103	0.10	3.0
Methoxychlor	21.96	21.89	22.03	0.238	0.25	-4.8

4,4'-DDT % Breakdown (1): 0.00 Endrin % Breakdown (1): 7.70

Combined % Breakdown (1): 7.70

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKAC Date Analyzed : 09/20/05

Lab Sample ID (PIBLK) : PIBLKAC Time Analyzed : 1826

EPA Sample No.(INDAM##) : INDAMAC Date Analyzed : 09/20/05

Lab Sample ID (INDAM) : INDAMAC Time Analyzed : 1856

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	8.31	8.27	8.37	0.020	0.020	0.0
gamma-BHC (Lindane)	9.40	9.35	9.45	0.020	0.020	0.0
Heptachlor	10.91	10.86	10.96	0.020	0.020	0.0
Endosulfan I	14.90	14.83	14.97	0.020	0.020	0.0
Dieldrin	16.07	16.00	16.14	0.039	0.040	-2.5
Endrin	16.95	16.88	17.02	0.040	0.040	0.0
4,4'-DDD	17.44	17.37	17.51	0.039	0.040	-2.5
4,4'-DDT	18.08	18.01	18.15	0.039	0.040	-2.5
Methoxychlor	19.32	19.25	19.39	0.20	0.20	0.0
Tetrachloro-m-xylene	6.27	6.23	6.33	0.020	0.020	0.0
Decachlorobiphenyl	22.28	22.18	22.38	0.040	0.040	0.0

EPA Sample No.(INDBM##) : INDBMAC Date Analyzed : 09/20/05

Lab Sample ID (INDBM) : INDBMAC Time Analyzed : 1927

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.81	9.76	9.86	0.019	0.020	-5.0
delta-BHC	10.31	10.27	10.37	0.020	0.020	0.0
Aldrin	11.79	11.74	11.84	0.019	0.020	-5.0
Heptachlor epoxide	13.72	13.65	13.79	0.020	0.020	0.0
4,4'-DDE	15.14	15.07	15.21	0.039	0.040	-2.5
Endosulfan II	17.53	17.46	17.60	0.040	0.040	0.0
Endosulfan sulfate	19.51	19.44	19.58	0.040	0.040	0.0
Endrin ketone	20.04	19.97	20.11	0.039	0.040	-2.5
Endrin aldehyde	18.55	18.48	18.62	0.040	0.040	0.0
alpha-Chlordane	14.51	14.44	14.58	0.020	0.020	0.0
gamma-Chlordane	14.09	14.02	14.16	0.020	0.020	0.0
Tetrachloro-m-xylene	6.27	6.23	6.33	0.023	0.020	15.0
Decachlorobiphenyl	22.28	22.18	22.38	0.039	0.040	-2.5

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

EPA Sample No.(PIBLK##): PIBLKAC Date Analyzed : 09/20/05

Lab Sample ID (PIBLK) : PIBLKAC Time Analyzed : 1826

EPA Sample No.(INDAM##) : INDAMAC Date Analyzed : 09/20/05

Lab Sample ID (INDAM) : INDAMAC Time Analyzed : 1856

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.81	10.76	10.86	0.020	0.020	0.0
gamma-BHC (Lindane)	12.05	12.00	12.10	0.020	0.020	0.0
Heptachlor	13.43	13.38	13.48	0.020	0.020	0.0
Endosulfan I	17.99	17.92	18.06	0.020	0.020	0.0
Dieldrin	18.65	18.59	18.73	0.039	0.040	-2.5
Endrin	19.33	19.26	19.40	0.041	0.040	2.5
4,4'-DDD	19.78	19.71	19.85	0.039	0.040	-2.5
4,4'-DDT	20.45	20.38	20.52	0.040	0.040	0.0
Methoxychlor	21.96	21.89	22.03	0.20	0.20	0.0
Tetrachloro-m-xylene	8.45	8.40	8.50	0.020	0.020	0.0
Decachlorobiphenyl	24.77	24.68	24.88	0.040	0.040	0.0

EPA Sample No.(INDBM##) : INDBMAC Date Analyzed : 09/20/05

Lab Sample ID (INDBM) : INDBMAC Time Analyzed : 1927

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	12.44	12.39	12.49	0.020	0.020	0.0
delta-BHC	13.37	13.31	13.41	0.020	0.020	0.0
Aldrin	14.41	14.36	14.46	0.020	0.020	0.0
Heptachlor epoxide	17.05	16.98	17.12	0.020	0.020	0.0
4,4'-DDE	18.48	18.41	18.55	0.040	0.040	0.0
Endosulfan II	19.83	19.76	19.90	0.040	0.040	0.0
Endosulfan sulfate	21.18	21.11	21.25	0.040	0.040	0.0
Endrin ketone	22.22	22.15	22.29	0.040	0.040	0.0
Endrin aldehyde	20.59	20.52	20.66	0.040	0.040	0.0
alpha-Chlordane	17.92	17.85	17.99	0.020	0.020	0.0
gamma-Chlordane	17.55	17.48	17.62	0.020	0.020	0.0
Tetrachloro-m-xylene	8.45	8.40	8.50	0.020	0.020	0.0
Decachlorobiphenyl	24.77	24.68	24.88	0.039	0.040	-2.5

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.28 DCB: 22.28

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCA1	RESCA1	09/17/05	1339	6.26	22.28
02	PEMA1	PEMA1	09/17/05	1410	6.26	22.28
03	AR1660A1	AR1660A1	09/17/05	1440	6.26	22.28
04	AR1221A1	AR1221A1	09/17/05	1542	6.29	22.29
05	AR1232A1	AR1232A1	09/17/05	1613	6.26	22.28
06	AR1242A1	AR1242A1	09/17/05	1643	6.27	22.28
07	AR1248A1	AR1248A1	09/17/05	1714	6.26	22.28
08	AR1254A1	AR1254A1	09/17/05	1744	6.27	22.28
09	TOXAPHA1	TOXAPHA1	09/17/05	1815	6.27	22.28
10	INDALA1	INDALA1	09/17/05	1845	6.27	22.28
11	INDBLA1	INDBLA1	09/17/05	1916	6.27	22.28
12	INDAMA1	INDAMA1	09/17/05	1946	6.27	22.28
13	INDBMA1	INDBMA1	09/17/05	2017	6.29	22.28
14	INDAHA1	INDAHA1	09/17/05	2047	6.29	22.28
15	INDBHA1	INDBHA1	09/17/05	2118	6.28	22.28
16	PIBLKA2	PIBLKA2	09/17/05	2148	6.28	22.28
17	PEMA2	PEMA2	09/17/05	2219	6.27	22.28
18	PIBLKAB	PIBLKAB	09/20/05	1321	6.27	22.28
19	PEMAB	PEMAB	09/20/05	1351	6.27	22.28
20	PIBLKAC	PIBLKAC	09/20/05	1826	6.27	22.28
21	INDAMAC	INDAMAC	09/20/05	1856	6.27	22.28
22	INDBMAC	INDBMAC	09/20/05	1927	6.27	22.28
23	PBLK5R	MB-19699	09/21/05	0032	6.27	22.28
24	P5RLCS	LCS-19699	09/21/05	0103	6.27	22.28
25	SB-RB-W-R	D1004-01C	09/21/05	0133	6.27	22.28
26	MW12-W-O	D1004-02B	09/21/05	0204	6.26	22.28
27	PIBLKAD	PIBLKAD	09/21/05	0507	6.27	22.28
28	PEMAD	PEMAD	09/21/05	0537	6.27	22.28
29						
30						
31						
32						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 09/17/05 09/17/05

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.45 DCB: 24.78

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCA1	RESCA1	09/17/05	1339	8.44	24.77
02	PEMA1	PEMA1	09/17/05	1410	8.44	24.78
03	AR1660A1	AR1660A1	09/17/05	1440	8.44	24.77
04	AR1221A1	AR1221A1	09/17/05	1542	8.44	24.78
05	AR1232A1	AR1232A1	09/17/05	1613	8.44	24.78
06	AR1242A1	AR1242A1	09/17/05	1643	8.44	24.77
07	AR1248A1	AR1248A1	09/17/05	1714	8.44	24.78
08	AR1254A1	AR1254A1	09/17/05	1744	8.44	24.78
09	TOXAPHA1	TOXAPHA1	09/17/05	1815	8.44	24.77
10	INDALA1	INDALA1	09/17/05	1845	8.44	24.77
11	INDBLA1	INDBLA1	09/17/05	1916	8.45	24.78
12	INDAMA1	INDAMA1	09/17/05	1946	8.44	24.78
13	INDBMA1	INDBMA1	09/17/05	2017	8.45	24.77
14	INDAHA1	INDAHA1	09/17/05	2047	8.45	24.78
15	INDBHA1	INDBHA1	09/17/05	2118	8.45	24.77
16	PIBLKA2	PIBLKA2	09/17/05	2148	8.45	24.77
17	PEMA2	PEMA2	09/17/05	2219	8.44	24.77
18	PIBLKAB	PIBLKAB	09/20/05	1321	8.45	24.78
19	PEMAB	PEMAB	09/20/05	1351	8.45	24.78
20	PIBLKAC	PIBLKAC	09/20/05	1826	8.44	24.78
21	INDAMAC	INDAMAC	09/20/05	1856	8.45	24.77
22	INDBMAC	INDBMAC	09/20/05	1927	8.45	24.77
23	PBLK5R	MB-19699	09/21/05	0032	8.44	24.77
24	P5RLCS	LCS-19699	09/21/05	0103	8.45	24.77
25	SB-RB-W-R	D1004-01C	09/21/05	0133	8.44	24.77
26	MW12-W-O	D1004-02B	09/21/05	0204	8.44	24.77
27	PIBLKAD	PIBLKAD	09/21/05	0507	8.45	24.77
28	PEMAD	PEMAD	09/21/05	0537	8.44	24.78
29						
30						
31						
32						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

9A

PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Florisil Cartridge Lot Number: AMFLX-3B Date of Analysis: 06/28/05

GC Column (1): CLPPEST ID: 0.53 (mm) GC Column (2): CLPPESTII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
alpha-BHC	0.010	0.0083	83		80-120
gamma-BHC (Lindane)	0.010	0.0089	89		80-120
Heptachlor	0.010	0.0092	92		80-120
Endosulfan I	0.010	0.01	104		80-120
Dieldrin	0.020	0.02	101		80-120
Endrin	0.020	0.023	113		80-120
4,4'-DDD	0.020	0.019	96		80-120
4,4'-DDT	0.020	0.019	95		80-120
Methoxychlor	0.10	0.11	108		80-120
Tetrachloro-m-xylene	0.010	0.0088	88		80-120
Decachlorobiphenyl	0.020	0.023	114		80-120
2,4,5-Trichlorophenol	0.050	0	0		<5

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

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK5R	MB-19699	09/21/05	09/21/05
02	P5RLCS	LCS-19699	09/21/05	09/21/05
03	SB-RB-W-R	D1004-01C	09/21/05	09/21/05
04	MW12-W-O	D1004-02B	09/21/05	09/21/05
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

P5RLCS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1004

Lab Sample ID: LCS-19699 Date(s) Analyzed: 09/21/05 09/21/05

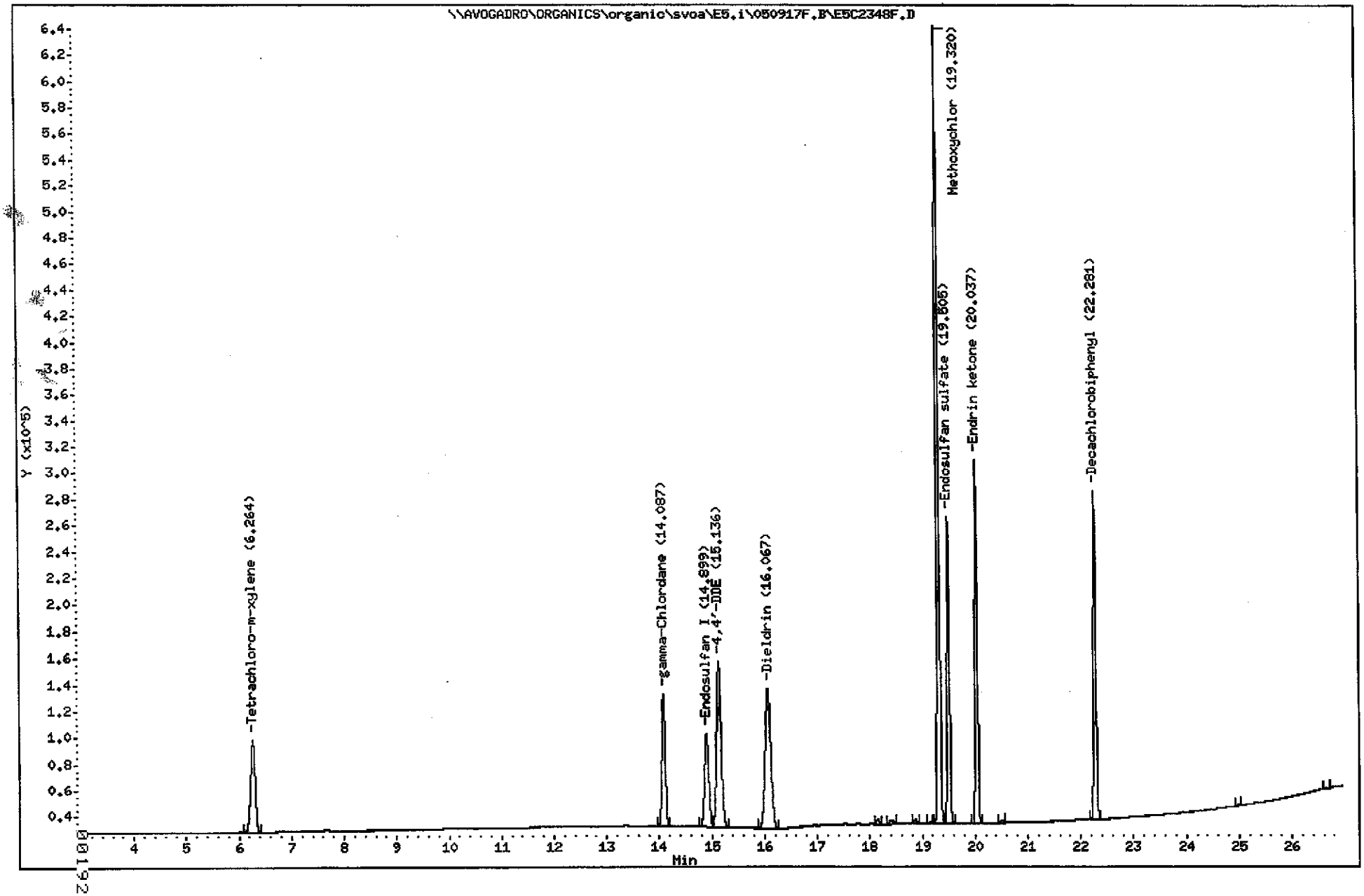
Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPEST ID: 0.53(mm) GC Column(2): CLPPESTII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	9.40	9.35	9.45	0.31	
	2	12.05	12.00	12.10	0.31	0.0
Heptachlor	1	10.90	10.86	10.96	0.43	
	2	13.43	13.38	13.48	0.40	7.5
Aldrin	1	11.79	11.74	11.84	0.41	
	2	14.41	14.36	14.46	0.41	0.0
Dieldrin	1	16.07	16.00	16.14	0.95	
	2	18.65	18.59	18.73	0.95	0.0
Endrin	1	16.95	16.88	17.02	1.1	
	2	19.33	19.26	19.40	1.1	0.0
4,4'-DDT	1	18.07	18.01	18.15	0.82	
	2	20.45	20.38	20.52	0.82	0.0
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM04.3

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2348F.D
Date : 17-SEP-2005 13:39
Client ID: RESCA1 Instrument: E5.i
Sample Info: RESCA1,RESCA1,,resc,sub,,
Volume Injected (uL): 1.0 Operator: SZ SRC: SZ
Column phase: CLPPest Column diameter: 0.53



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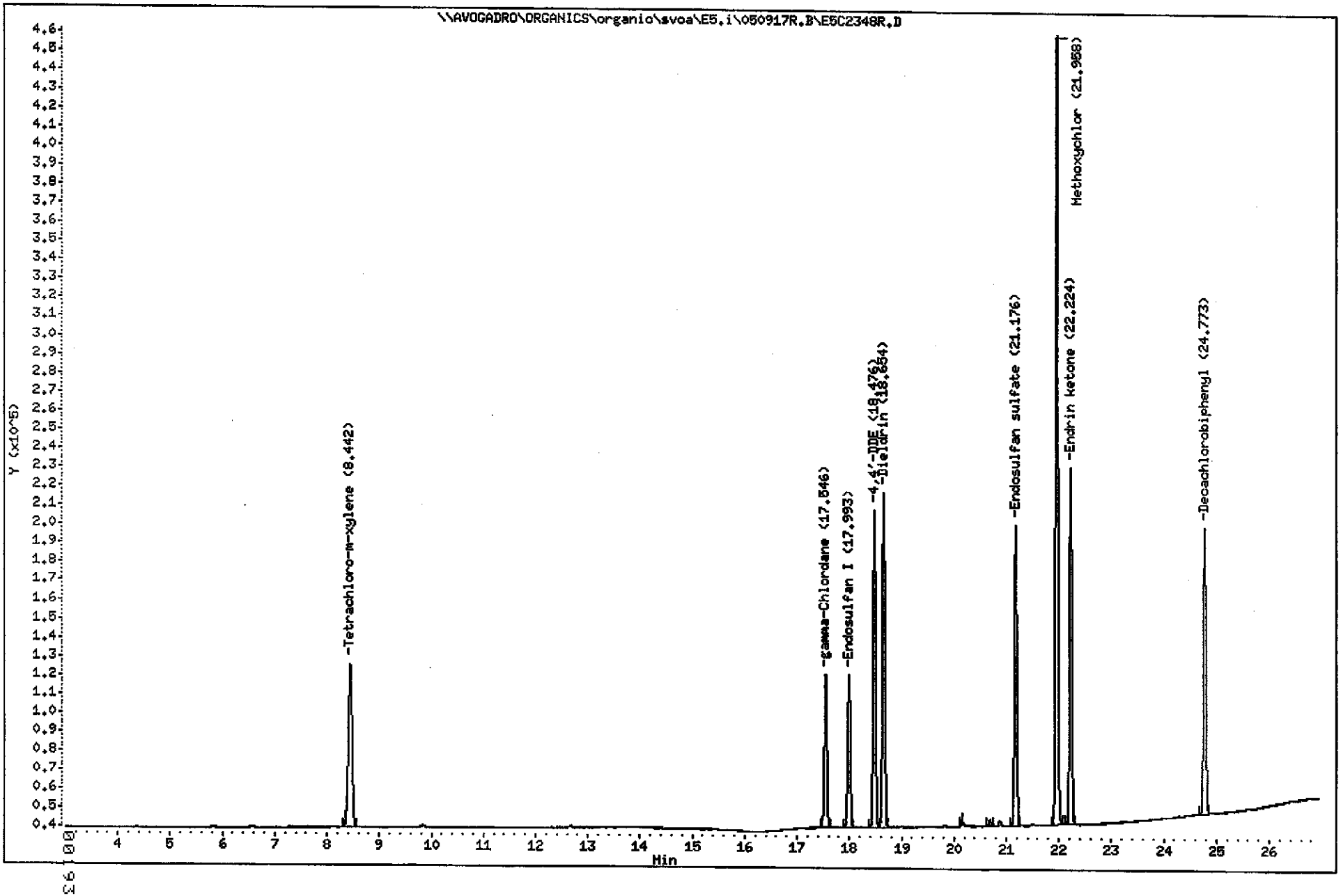
Date : 17-SEP-2005 13:39
Client ID: RESCA1
Sample Info: RESCA1,RESCA1,,resc,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



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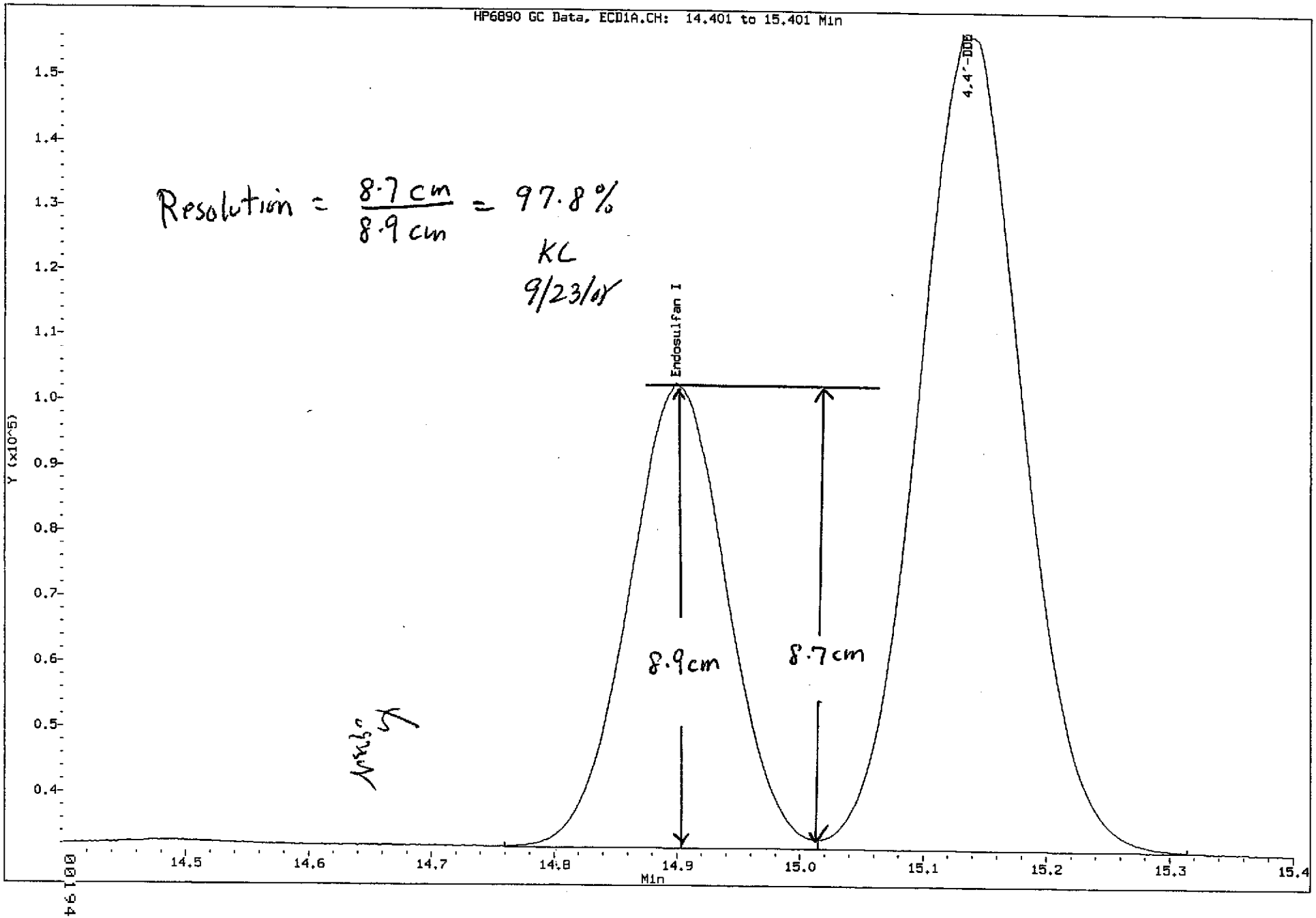
Injection Date: 17-SEP-2005 13:39
Instrument: E5.i
Client Sample ID: RESCA1



Resolution = $\frac{8.7\ cm}{8.9\ cm} = 97.8\%$

KC
9/23/05

00194

Data File: E5C2348F.D
Report Date: 20-Sep-2005 09:36

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2348F.D
Lab Smp Id: RESCA1 Client Smp ID: RESCA1
Inj Date : 17-SEP-2005 13:39
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : RESCA1,RESCA1,,resc.sub,,
Misc Info : 3,,RESOLUTION,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:35 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	424356	0.01002	0.10		(R)
10 Endosulfan I					CAS #: 959-98-8		
14.9	14.9	0.000	394312	0.00977	0.098		(R)
13 4,4'-DDE					CAS #: 72-55-9		
15.1	15.1	0.000	739921	0.02017	0.20		(R)
14 Dieldrin					CAS #: 60-57-1		
16.1	16.1	0.000	793510	0.01981	0.20		(R)

Xo
09215

Data File: E5C2348F.D
Report Date: 20-Sep-2005 09:36

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
20 Endosulfan sulfate					CAS #: 1031-07-8			
19.5	19.5	0.000	711777	0.02017	0.20			(R)
22 Endrin ketone					CAS #: 53494-70-5			
20.0	20.0	0.000	810986	0.02082	0.21			(R)
21 Methoxychlor					CAS #: 72-43-5			
19.3	19.3	0.000	1864842	0.10425	1.0			(R)
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.26	6.28	-0.020	418466	0.02018	0.20			(RR)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	766702	0.02069	0.21			(RR)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

09/23/05

Data File: E5C2348R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2348R.D
Lab Smp Id: RESCA1 Client Smp ID: RESCA1
Inj Date : 17-SEP-2005 13:39
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : RESCA1,RESCA1,,resc.sub,,
Misc Info : 3,,RESOLUTION,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:22 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
12 gamma-Chlordane					CAS #: 5103-74-2			
17.5	17.5	0.000	268158	0.01021	0.10			(R)
11 Endosulfan I					CAS #: 959-98-8			
18.0	18.0	0.000	259863	0.00996	0.100			(R)
14 4,4'-DDE					CAS #: 72-55-9			
18.5	18.5	0.000	502854	0.02076	0.21			(R)
15 Dieldrin					CAS #: 60-57-1			
18.7	18.7	0.000	545984	0.02020	0.20			(R)

Data File: E5C2348R.D
Report Date: 20-Sep-2005 10:23

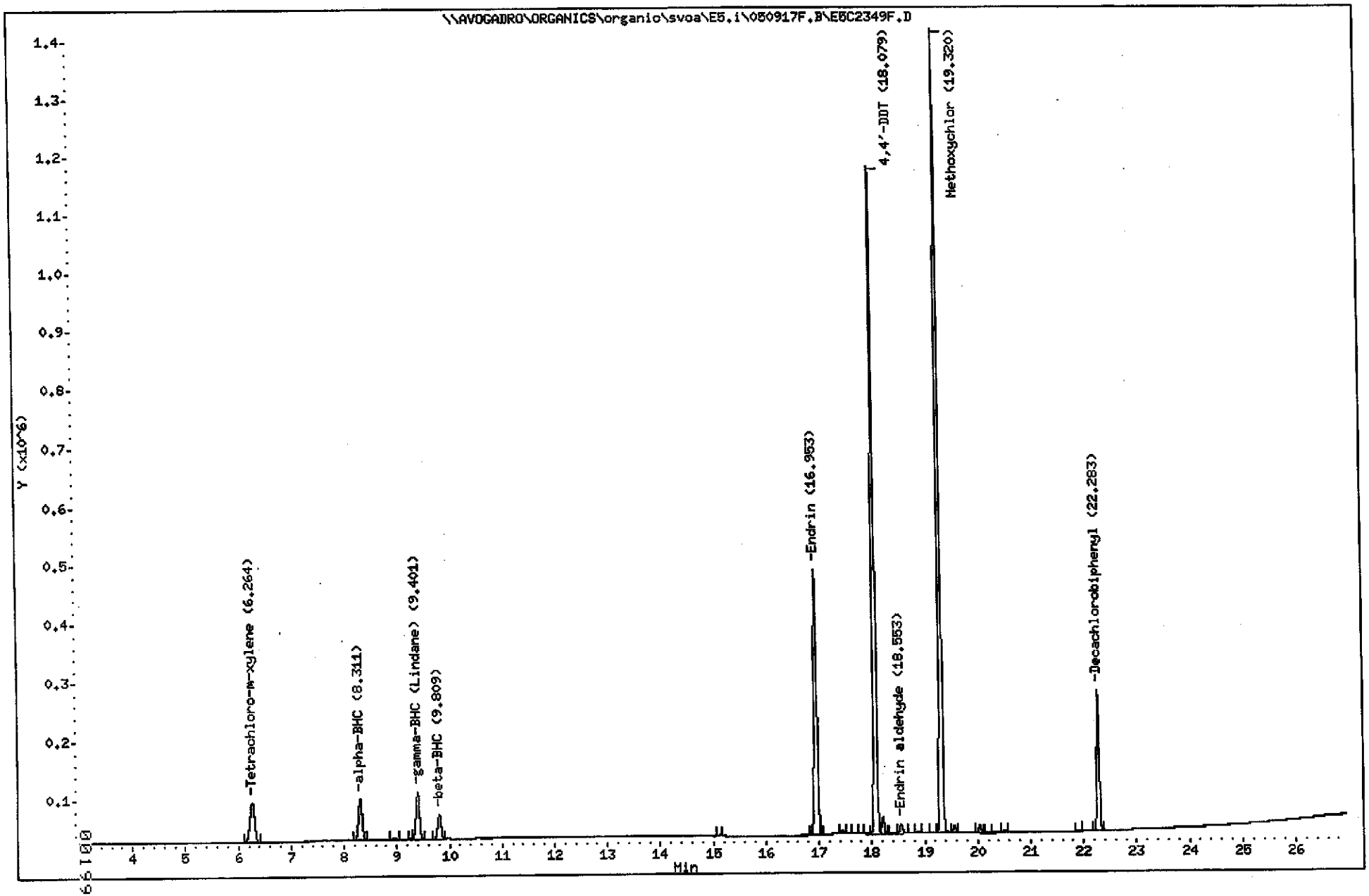
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Endosulfan sulfate					CAS #: 1031-07-8		
21.2	21.2	0.000	470507	0.02074	0.21		(R)
23 Endrin ketone					CAS #: 53494-70-5		
22.2	22.2	0.000	542988	0.02117	0.21		(R)
22 Methoxychlor					CAS #: 72-43-5		
22.0	22.0	0.000	1214319	0.10375	1.0		(R)
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	432135	0.02026	0.20		(RR)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	462950	0.02083	0.21		(RR)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

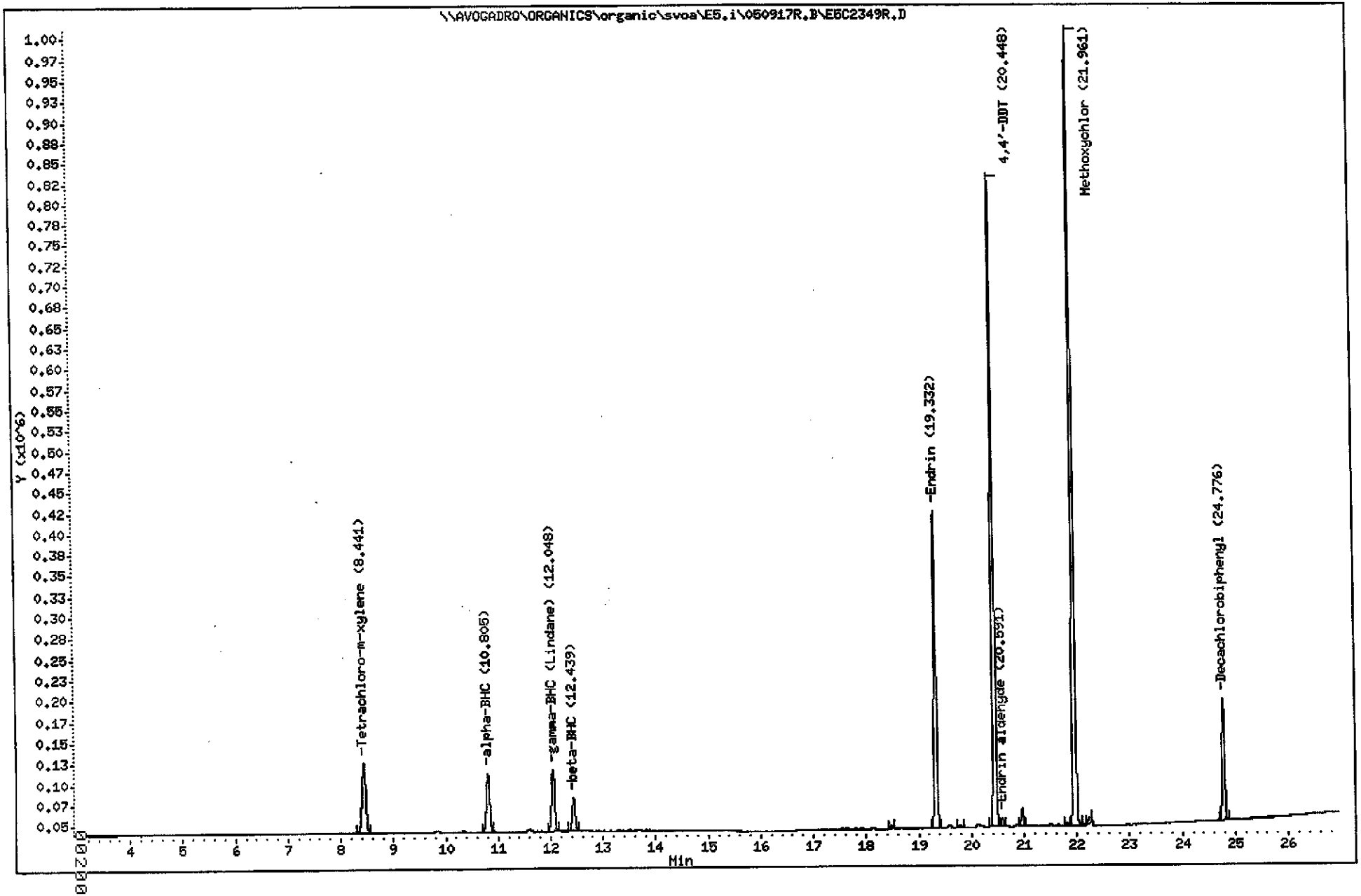
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2349F.D
Date : 17-SEP-2005 14:10
Client ID: PEMA1
Sample Info: PEMA1,PEMA1,,pem,sub,pem,spk,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2349R.D
Date : 17-SEP-2005 14:10
Client ID: PEMA1
Sample Info: PEMA1,PEMA1,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2349F.D
Report Date: 20-Sep-2005 09:32

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2349F.D
Lab Smp Id: PEMA1 Client Smp ID: PEMA1
Inj Date : 17-SEP-2005 14:10
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMA1,PEMA1,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:31 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

fs 092305

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.26	6.28	-0.020	414099	0.01997	0.020		
3 alpha-BHC					CAS #: 319-84-6		
8.31	8.32	-0.010	355752	0.00904	0.0090		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.40	9.40	0.000	375113	0.00946	0.0095		
7 beta-BHC					CAS #: 319-85-7		
9.81	9.81	0.000	192342	0.01103	0.011		

Data File: E5C2349F.D
Report Date: 20-Sep-2005 09:32

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
	15 Endrin						CAS #: 72-20-8		
	17.0	17.0	0.000	1789580	0.05886	0.059			
	18 4,4'-DDT						CAS #: 50-29-3		
	18.1	18.1	0.000	3618751	0.10227	0.10			
	19 Endrin aldehyde						CAS #: 7421-93-4		
	18.6	18.5	0.100	60630	0.00220	0.0022			(a)
	21 Methoxychlor						CAS #: 72-43-5		
	19.3	19.3	0.000	4261223	0.23821	0.24			
$	2 Decachlorobiphenyl						CAS #: 2051-24-3		
	22.3	22.3	0.000	748287	0.02019	0.020			

QC Flag Legend

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

Data File: E5C2349R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2349R.D
Lab Smp Id: PEMA1 Client Smp ID: PEMA1
Inj Date : 17-SEP-2005 14:10
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMA1,PEMA1,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:22 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	430962	0.02020	0.020		
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	299730	0.00926	0.0093		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.0	12.1	-0.100	299539	0.00981	0.0098		
8 beta-BHC					CAS #: 319-85-7		
12.4	12.4	0.000	155490	0.01124	0.011		

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Data File: E5C2349R.D
Report Date: 20-Sep-2005 10:23

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
16 Endrin					CAS #: 72-20-8			
19.3	19.3	0.000	1144041	0.05814	0.058			
19 4,4'-DDT					CAS #: 50-29-3			
20.4	20.4	0.000	2285135	0.10310	0.10			
20 Endrin aldehyde					CAS #: 7421-93-4			
20.6	20.6	0.000	28088	0.00160	0.0016			(a)
22 Methoxychlor					CAS #: 72-43-5			
22.0	22.0	0.000	2791925	0.23855	0.24			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	449007	0.02020	0.020			

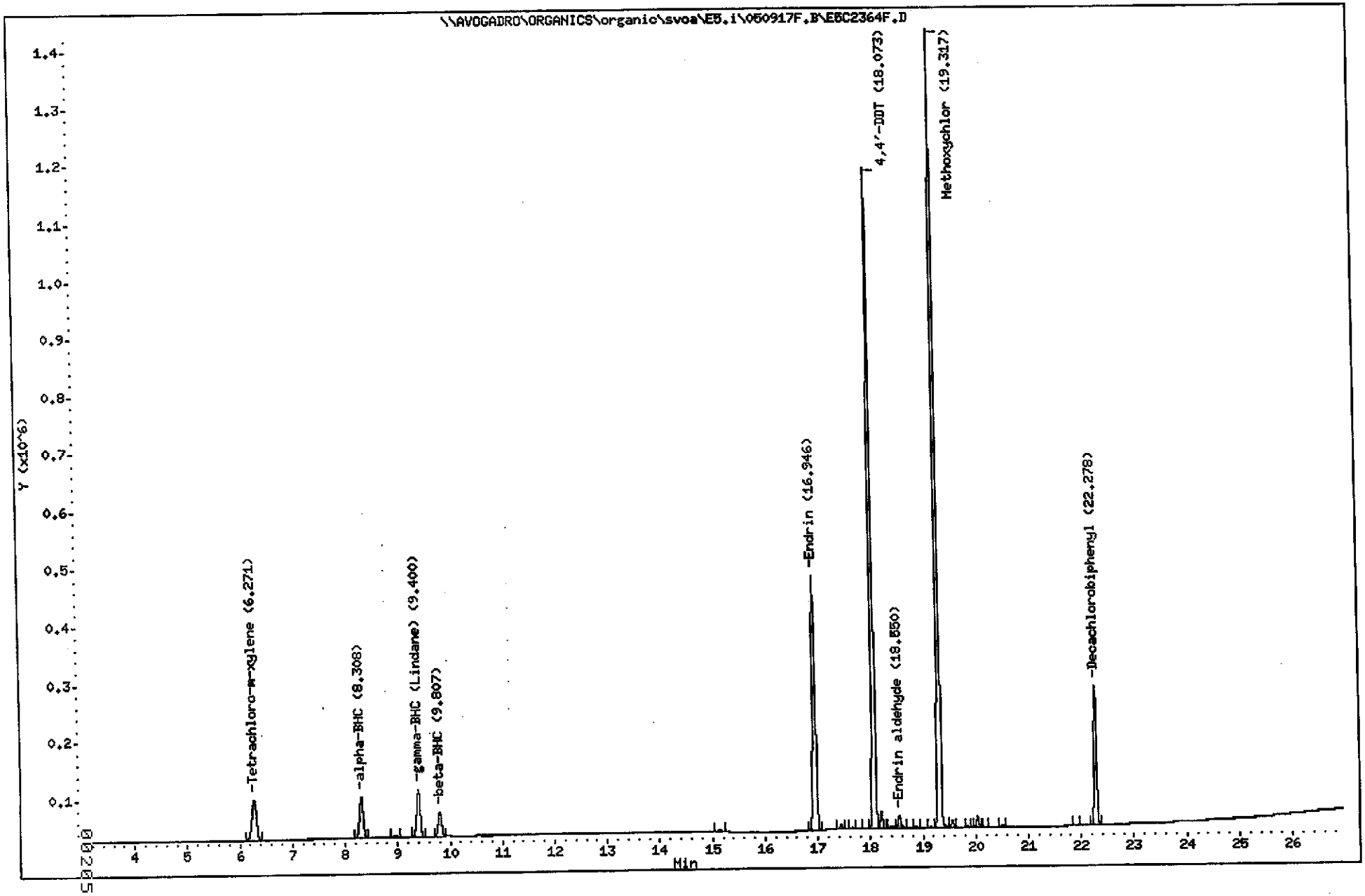
QC Flag Legend

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

09/30/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2364F.D
Date : 17-SEP-2005 22:19
Client ID: PEMA2
Sample Info: PEMA2,PEMA2,,pem,sub,pem,spk,
Volume Injected (uL): 1.0
Column phase: CLPPest

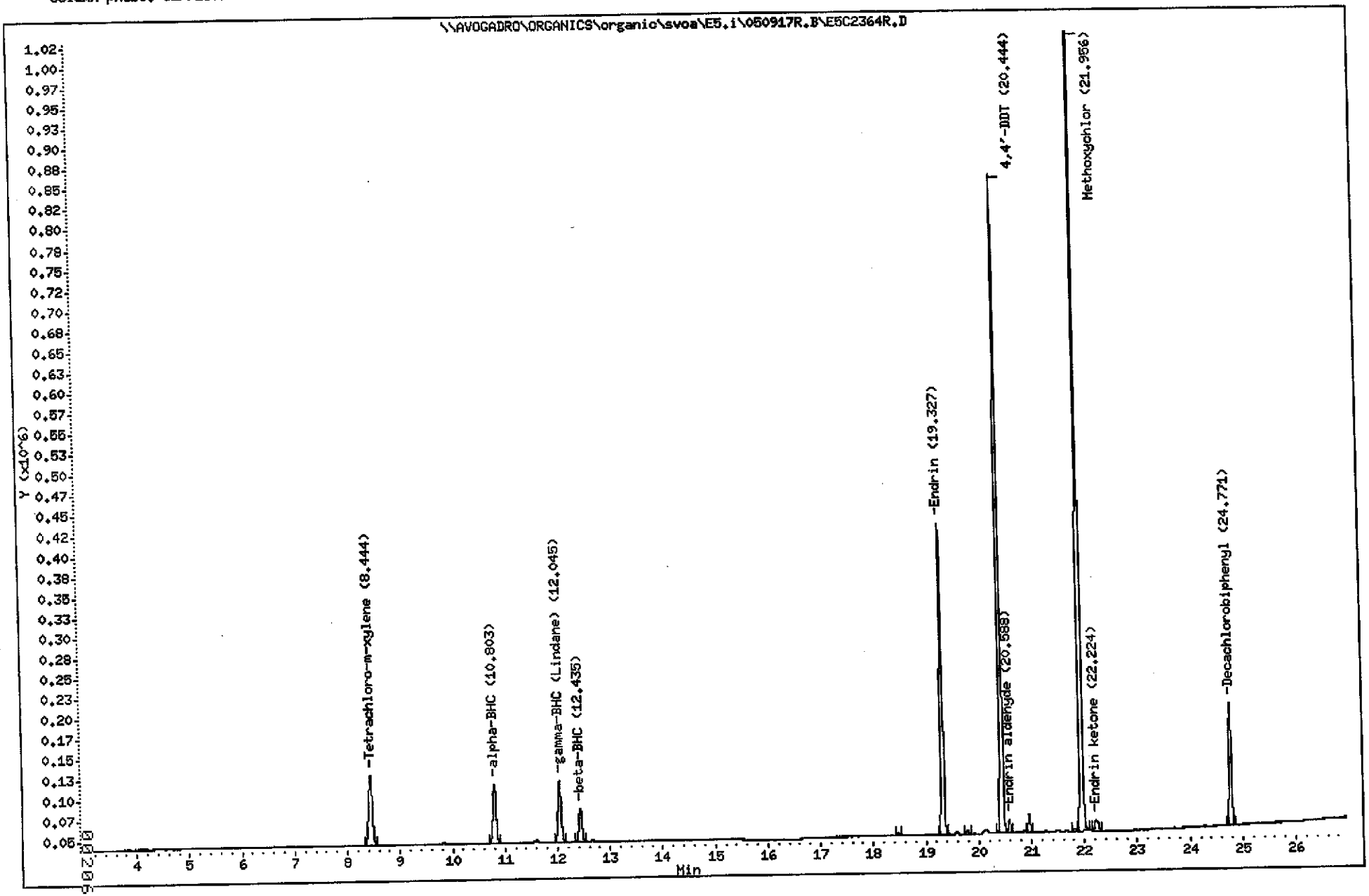
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2364R.D
Date : 17-SEP-2005 22:19
Client ID: PEMA2
Sample Info: PEMA2,PEMA2,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2364F.D
Report Date: 20-Sep-2005 09:34

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2364F.D
Lab Smp Id: PEMA2 Client Smp ID: PEMA2
Inj Date : 17-SEP-2005 22:19
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMA2,PEMA2,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:34 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	416790	0.02010	0.020		
3 alpha-BHC					CAS #: 319-84-6		
8.31	8.32	-0.010	355714	0.00904	0.0090		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.40	9.40	0.000	374140	0.00943	0.0094		
7 beta-BHC					CAS #: 319-85-7		
9.81	9.81	0.000	191146	0.01096	0.011		

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Data File: E5C2364F.D
Report Date: 20-Sep-2005 09:34

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
15 Endrin					CAS #: 72-20-8		
16.9	17.0	-0.100	1754903	0.05772	0.058		
18 4,4'-DDT					CAS #: 50-29-3		
18.1	18.1	0.000	3622622	0.10238	0.10		
19 Endrin aldehyde					CAS #: 7421-93-4		
18.5	18.5	0.000	80414	0.00292	0.0029		(a)
21 Methoxychlor					CAS #: 72-43-5		
19.3	19.3	0.000	4276708	0.23907	0.24		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	755591	0.02039	0.020		

QC Flag Legend

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

09/34

Data File: E5C2364R.D
Report Date: 20-Sep-2005 10:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2364R.D
Lab Smp Id: PEMA2 Client Smp ID: PEMA2
Inj Date : 17-SEP-2005 22:19
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMA2,PEMA2,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	431228	0.02022	0.020		
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	299177	0.00924	0.0092		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.0	12.1	-0.100	298559	0.00978	0.0098		
8 beta-BHC					CAS #: 319-85-7		
12.4	12.4	0.000	155130	0.01122	0.011		

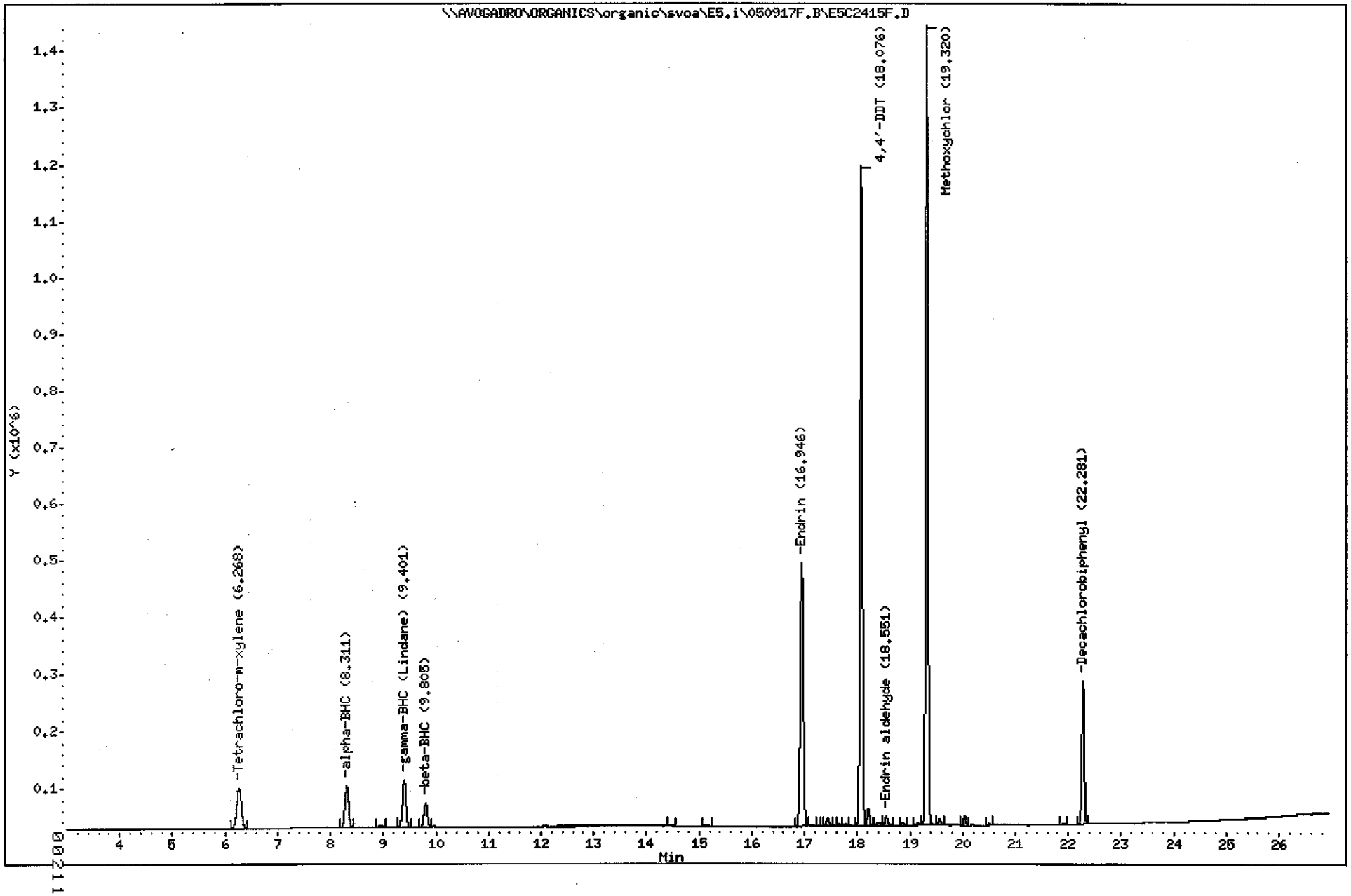
Data File: E5C2364R.D
Report Date: 20-Sep-2005 10:25

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
16 Endrin						CAS #: 72-20-8	
19.3	19.3	0.000	1130793	0.05747	0.057		
19 4,4'-DDT						CAS #: 50-29-3	
20.4	20.4	0.000	2308656	0.10416	0.10		
20 Endrin aldehyde						CAS #: 7421-93-4	
20.6	20.6	0.000	40579	0.00231	0.0023		(a)
22 Methoxychlor						CAS #: 72-43-5	
22.0	22.0	0.000	2828489	0.24167	0.24		
23 Endrin ketone						CAS #: 53494-70-5	
22.2	22.2	0.000	62564	0.00244	0.0024		(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	461066	0.02074	0.021		

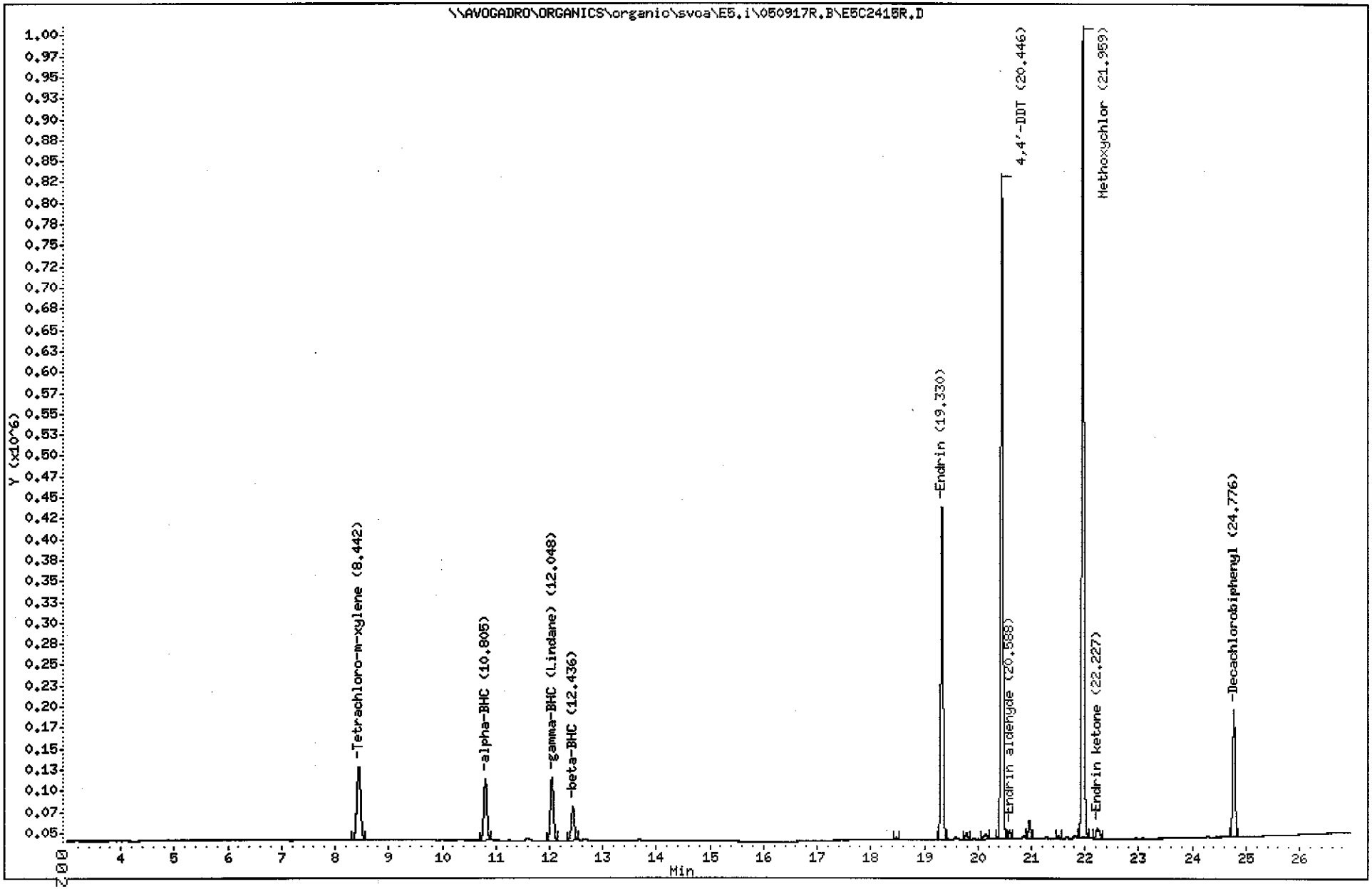
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2415F.D
Date : 21-SEP-2005 05:37
Client ID: PEMAD
Instrument: E5.i
Sample Info: PEMAD,PEMAD,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2415R.D
Date : 21-SEP-2005 05:37
Client ID: PEMAD
Instrument: E5.i
Sample Info: PEMAD,PEMAD,,pem,sub,pem,spk,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2415F.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2415F.D
Lab Smp Id: PEMAD Client Smp ID: PEMAD
Inj Date : 21-SEP-2005 05:37
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMAD,PEMAD,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	432202	0.02085	0.021		
3 alpha-BHC					CAS #: 319-84-6		
8.31	8.32	-0.010	368384	0.00936	0.0094		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.40	9.40	0.000	386518	0.00974	0.0097		
7 beta-BHC					CAS #: 319-85-7		
9.81	9.81	0.000	192140	0.01102	0.011		

Data File: E5C2415F.D
Report Date: 27-Sep-2005 14:26

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
15 Endrin						CAS #: 72-20-8	
16.9	17.0	-0.100	1844516	0.06067	0.061		
18 4,4'-DDT						CAS #: 50-29-3	
18.1	18.1	0.000	3641750	0.10292	0.10		
19 Endrin aldehyde						CAS #: 7421-93-4	
18.6	18.5	0.100	63434	0.00230	0.0023		(a)
21 Methoxychlor						CAS #: 72-43-5	
19.3	19.3	0.000	4315210	0.24122	0.24		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	770226	0.02078	0.021		

QC Flag Legend

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

Data File: E5C2415R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2415R.D
Lab Smp Id: PEMAD Client Smp ID: PEMAD
Inj Date : 21-SEP-2005 05:37
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMAD,PEMAD,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	438870	0.02057	0.021		
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	303368	0.00937	0.0094		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.0	12.1	-0.100	301720	0.00989	0.0099		
8 beta-BHC					CAS #: 319-85-7		
12.4	12.4	0.000	156555	0.01132	0.011		

9/27 MSR

Data File: E5C2415R.D
Report Date: 27-Sep-2005 14:26

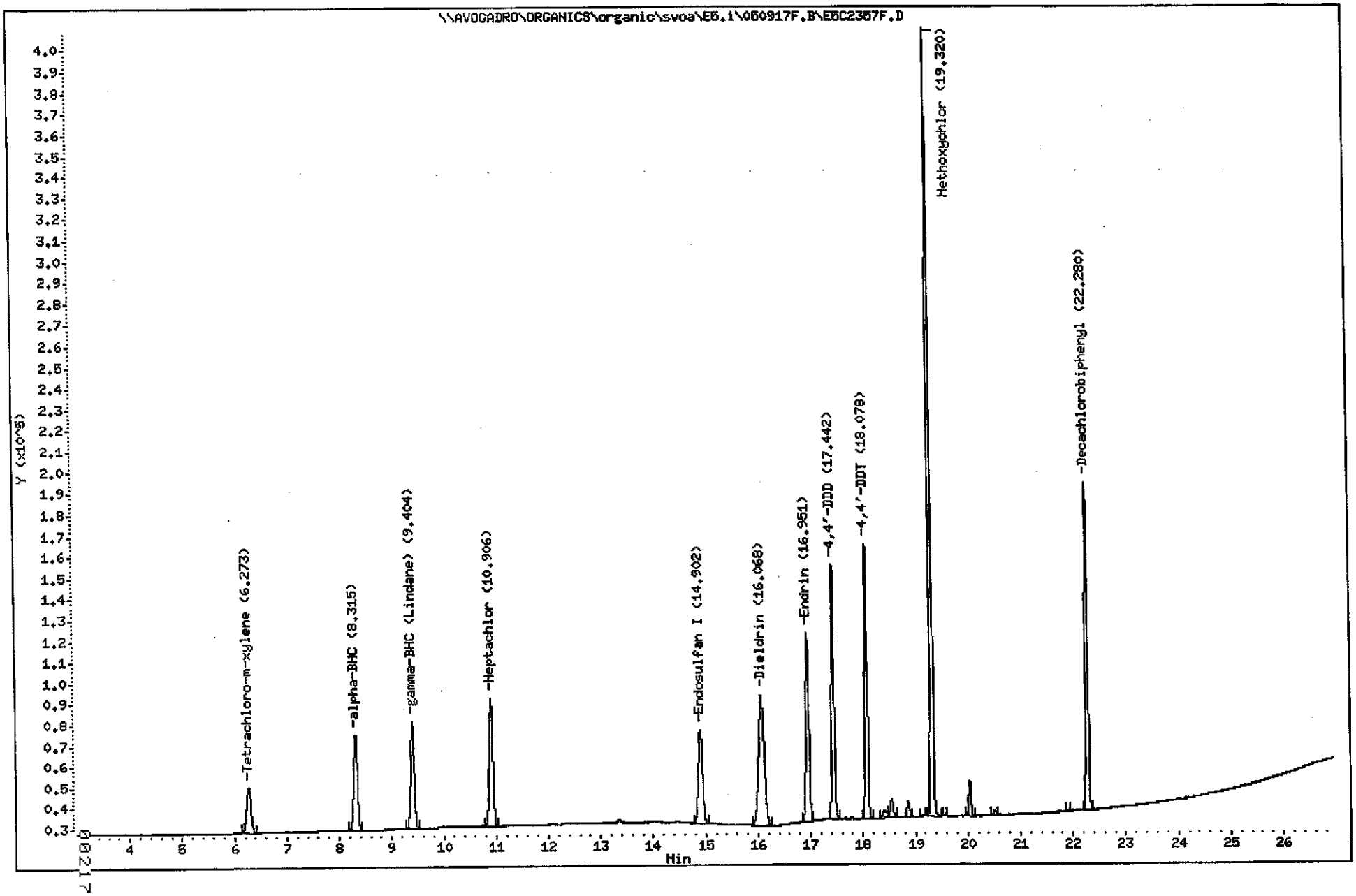
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
16 Endrin					CAS #: 72-20-8		
19.3	19.3	0.000	1172093	0.05956	0.060		
19 4,4'-DDT					CAS #: 50-29-3		
20.4	20.4	0.000	2283222	0.10301	0.10		
20 Endrin aldehyde					CAS #: 7421-93-4		
20.6	20.6	0.000	27312	0.00155	0.0016		(a)
22 Methoxychlor					CAS #: 72-43-5		
22.0	22.0	0.000	2786922	0.23812	0.24		
23 Endrin ketone					CAS #: 53494-70-5		
22.2	22.2	0.000	58807	0.00229	0.0023		(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	464376	0.02089	0.021		

QC Flag Legend

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

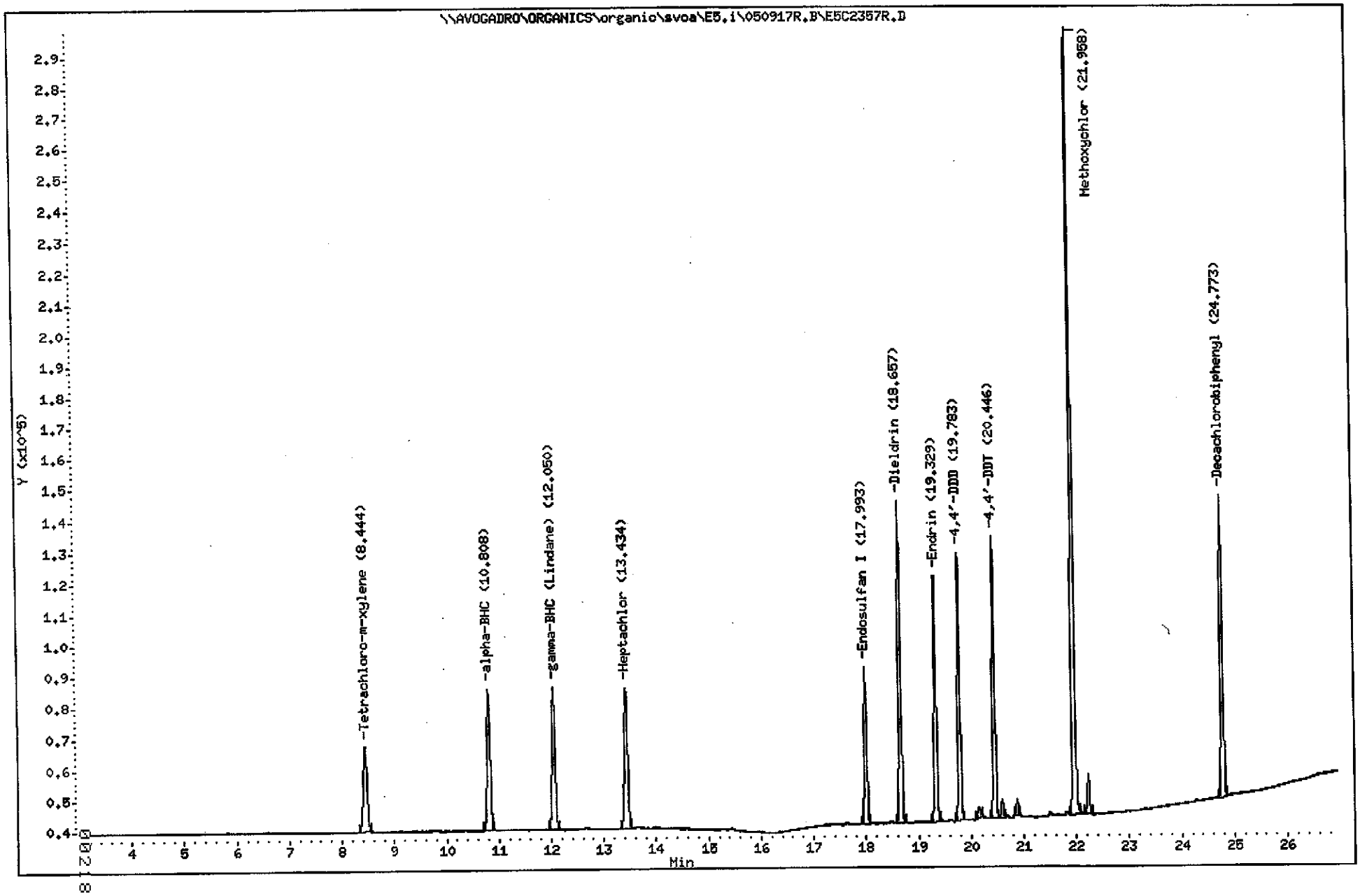
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2357F.D
Date : 17-SEP-2005 18:45
Client ID: INDALA1
Sample Info: INDALA1,INDALA1,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2357R.D
Date : 17-SEP-2005 18:45
Client ID: INDALA1
Sample Info: INDALA1,INDALA1,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2357F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2357F.D
Lab Smp Id: INDALA1 Client Smp ID: INDALA1
Inj Date : 17-SEP-2005 18:45
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDALA1,INDALA1,,inda.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.28	-0.010	131441	0.00500	0.0063		(a)
3 alpha-BHC						CAS #: 319-84-6	
8.32	8.32	0.000	228341	0.00500	0.0058		(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
9.40	9.40	0.000	236469	0.00500	0.0060		(a)
5 Heptachlor						CAS #: 76-44-8	
10.9	10.9	0.000	289847	0.00500	0.0062		(a)

Data File: E5C2357F.D
Report Date: 20-Sep-2005 09:33

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Endosulfan I						CAS #: 959-98-8		
14.9	14.9	0.000	251860	0.00500	0.0062			(a)
14 Dieldrin						CAS #: 60-57-1		
16.1	16.1	0.000	470618	0.01000	0.012			(a)
15 Endrin						CAS #: 72-20-8		
17.0	17.0	0.000	358647	0.01000	0.012			(a)
16 4,4'-DDD						CAS #: 72-54-8		
17.4	17.4	0.000	390168	0.01000	0.012			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.1	18.1	0.000	411821	0.01000	0.012			(a)
21 Methoxychlor						CAS #: 72-43-5		
19.3	19.3	0.000	1129176	0.05000	0.063			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	488086	0.01000	0.013			(a)

QC Flag Legend

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

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Data File: E5C2357R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2357R.D
Lab Smp Id: INDALA1 Client Smp ID: INDALA1
Inj Date : 17-SEP-2005 18:45
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDALA1,INDALA1,,,inda.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	136887	0.00500	0.0064		(a)
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	192323	0.00500	0.0059		(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.1	12.1	0.000	184333	0.00500	0.0060		(a)
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	195258	0.00500	0.0064		(a)

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Data File: E5C2357R.D
Report Date: 20-Sep-2005 10:23

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
11 Endosulfan I						CAS #: 959-98-8		
18.0	18.0	0.000	165952	0.00500	0.0064			(a)
15 Dieldrin						CAS #: 60-57-1		
18.7	18.7	0.000	325229	0.01000	0.012			(a)
16 Endrin						CAS #: 72-20-8		
19.3	19.3	0.000	240743	0.01000	0.012			(a)
17 4,4'-DDD						CAS #: 72-54-8		
19.8	19.8	0.000	255397	0.01000	0.012			(a)
19 4,4'-DDT						CAS #: 50-29-3		
20.4	20.4	0.000	265739	0.01000	0.012			(a)
22 Methoxychlor						CAS #: 72-43-5		
22.0	22.0	0.000	746323	0.05000	0.064			(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	299496	0.01000	0.013			(a)

QC Flag Legend

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

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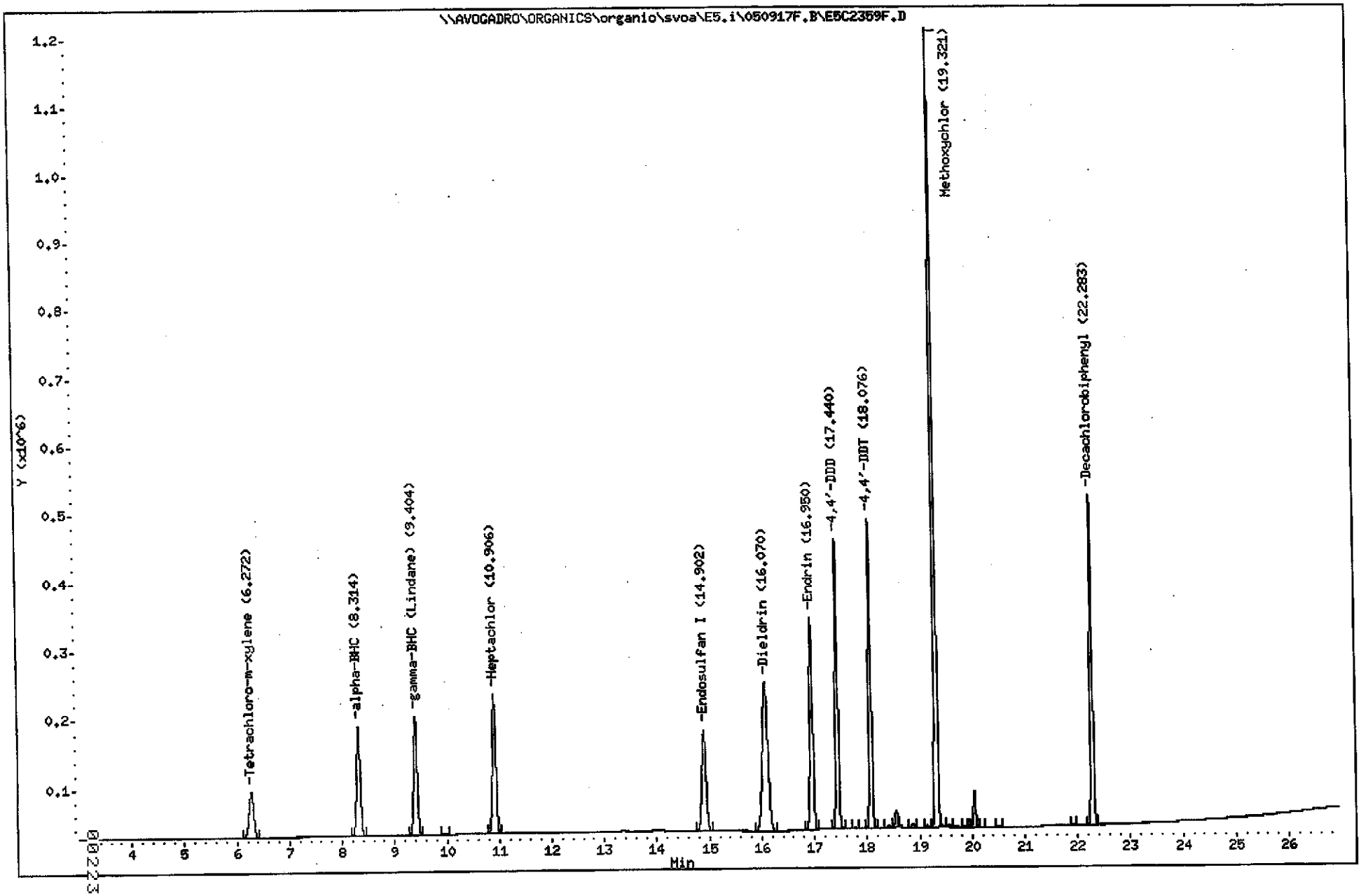
09/30/05

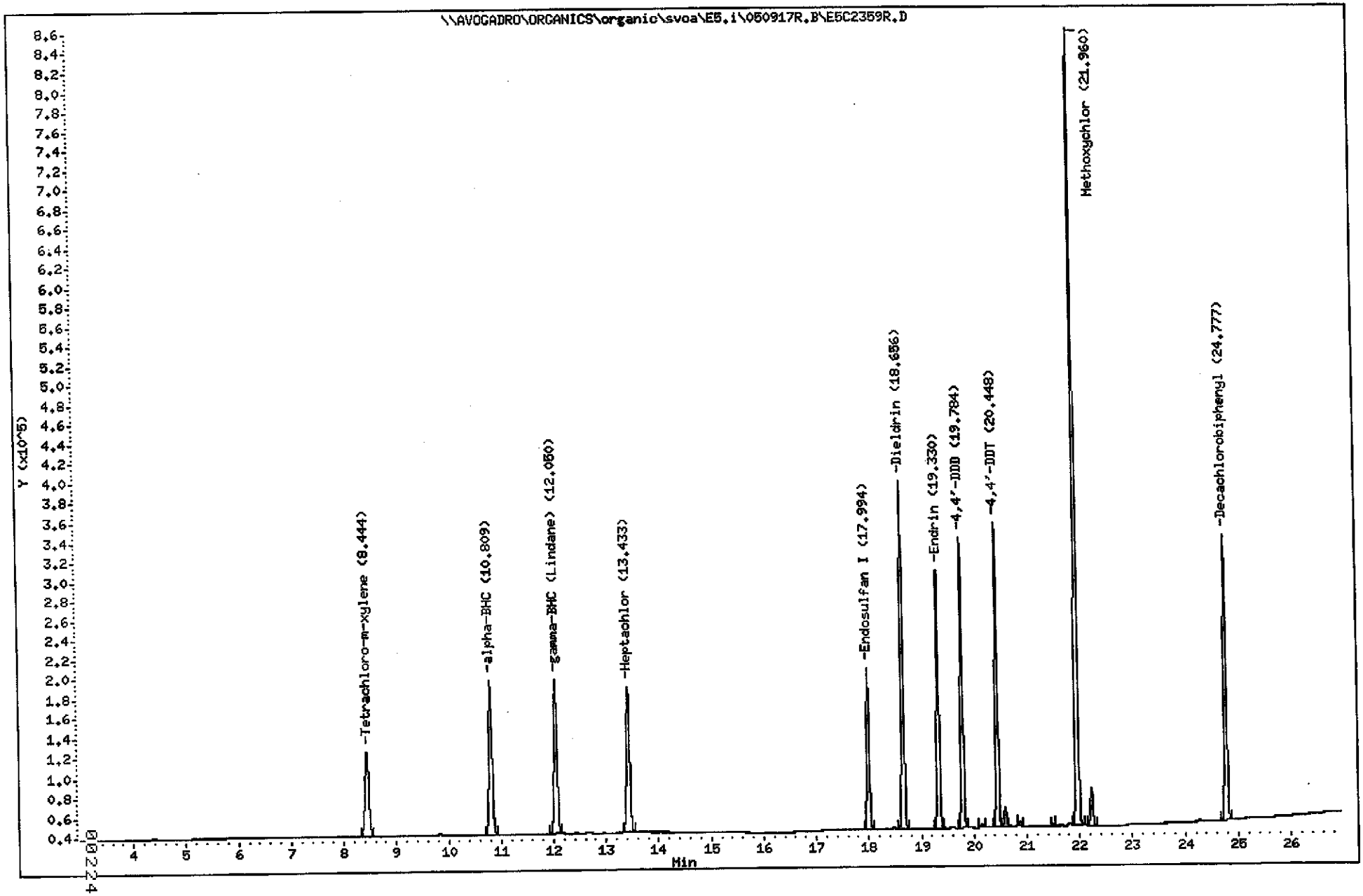
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2359F.D
Date : 17-SEP-2005 19:46
Client ID: INDAMA1
Sample Info: INDAMA1,INDAMA1,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2359R.D
Date : 17-SEP-2005 19:46
Client ID: INDAMA1
Sample Info: INDAMA1,INDAMA1,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2359F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2359F.D
Lab Smp Id: INDAMA1 Client Smp ID: INDAMA1
Inj Date : 17-SEP-2005 19:46
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMA1,INDAMA1,,inda.sub,,
Misc Info : 1,2,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	414648	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
8.31	8.32	-0.010	786991	0.02000	0.020		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.40	9.40	0.000	793439	0.02000	0.020		(a)
5 Heptachlor					CAS #: 76-44-8		
10.9	10.9	0.000	932222	0.02000	0.020		(a)

9/23/05

Data File: E5C2359F.D
Report Date: 20-Sep-2005 09:33

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
10 Endosulfan I						CAS #: 959-98-8		
14.9	14.9	0.000	807395	0.02000	0.020			(a)
14 Dieldrin						CAS #: 60-57-1		
16.1	16.1	0.000	1602539	0.04000	0.040			(a)
15 Endrin						CAS #: 72-20-8		
17.0	17.0	0.000	1216133	0.04000	0.040			(a)
16 4,4'-DDD						CAS #: 72-54-8		
17.4	17.4	0.000	1340904	0.04000	0.040			(a)
18 4,4'-DDT						CAS #: 50-29-3		
18.1	18.1	0.000	1415382	0.04000	0.040			(a)
21 Methoxychlor						CAS #: 72-43-5		
19.3	19.3	0.000	3577748	0.20000	0.20			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	1482310	0.04000	0.040			(a)

QC Flag Legend

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

Data File: E5C2359R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2359R.D
Lab Smp Id: INDAMA1 Client Smp ID: INDAMA1
Inj Date : 17-SEP-2005 19:46
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMA1,INDAMA1,,inda.sub,,
Misc Info : 1,2,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	426634	0.02000	0.020		(a)
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	647493	0.02000	0.020		(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.1	12.1	0.000	610388	0.02000	0.020		(a)
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	614315	0.02000	0.020		(a)

Data File: E5C2359R.D
Report Date: 20-Sep-2005 10:23

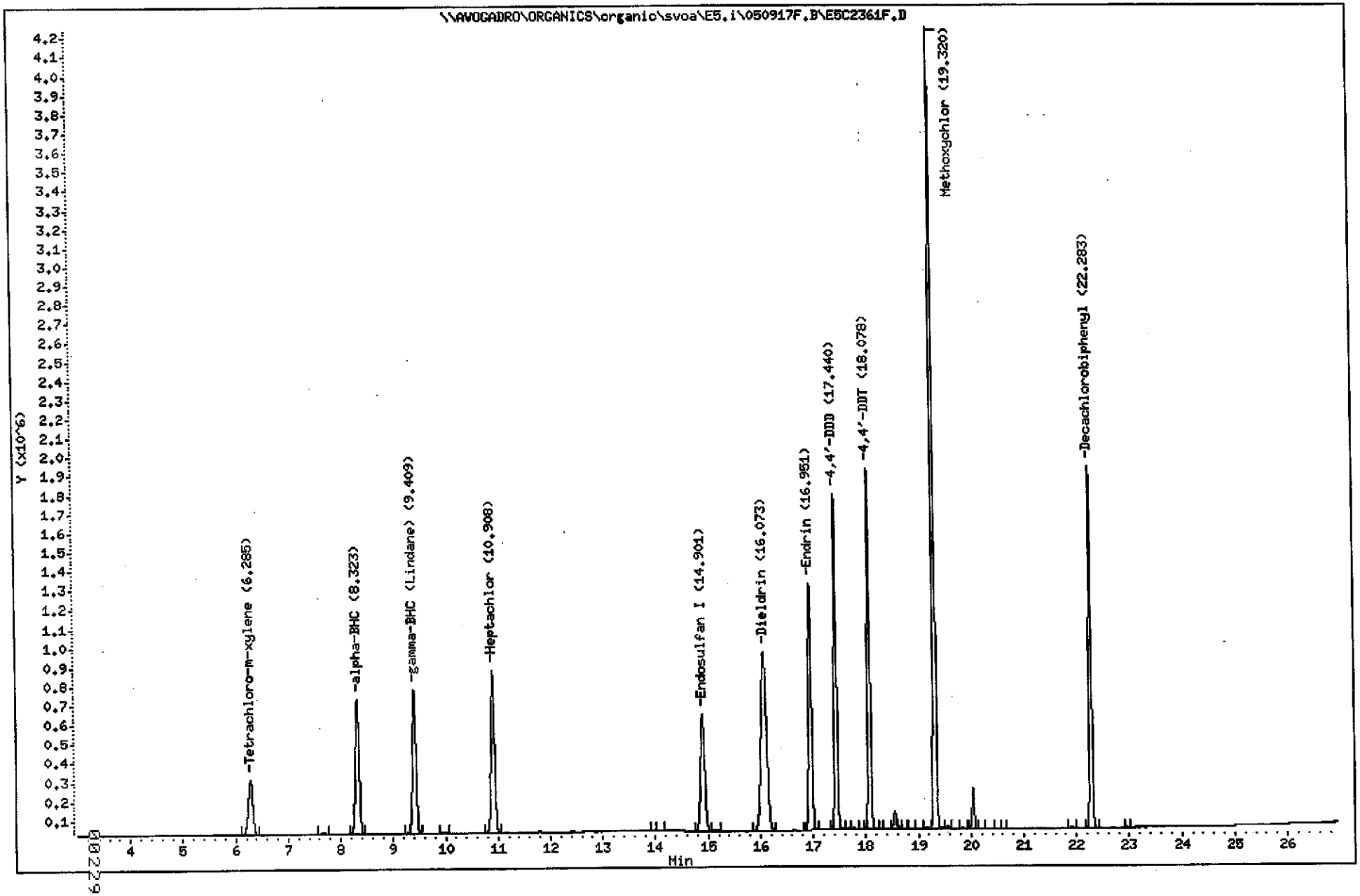
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
11 Endosulfan I						CAS #: 959-98-8	
18.0	18.0	0.000	522047	0.02000	0.020		(a)
15 Dieldrin						CAS #: 60-57-1	
18.7	18.7	0.000	1081267	0.04000	0.040		(a)
16 Endrin						CAS #: 72-20-8	
19.3	19.3	0.000	787112	0.04000	0.040		(a)
17 4,4'-DDD						CAS #: 72-54-8	
19.8	19.8	0.000	849290	0.04000	0.040		(a)
19 4,4'-DDT						CAS #: 50-29-3	
20.4	20.4	0.000	886561	0.04000	0.040		(a)
22 Methoxychlor						CAS #: 72-43-5	
22.0	22.0	0.000	2340783	0.20000	0.20		(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	889043	0.04000	0.040		(a)

QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2361F.D
Date : 17-SEP-2005 20:47
Client ID: INDAHA1
Sample Info: INDAHA1,INDAHA1,,inda,swb,,
Volume Injected (uL): 1.0
Column phase: CLPPest

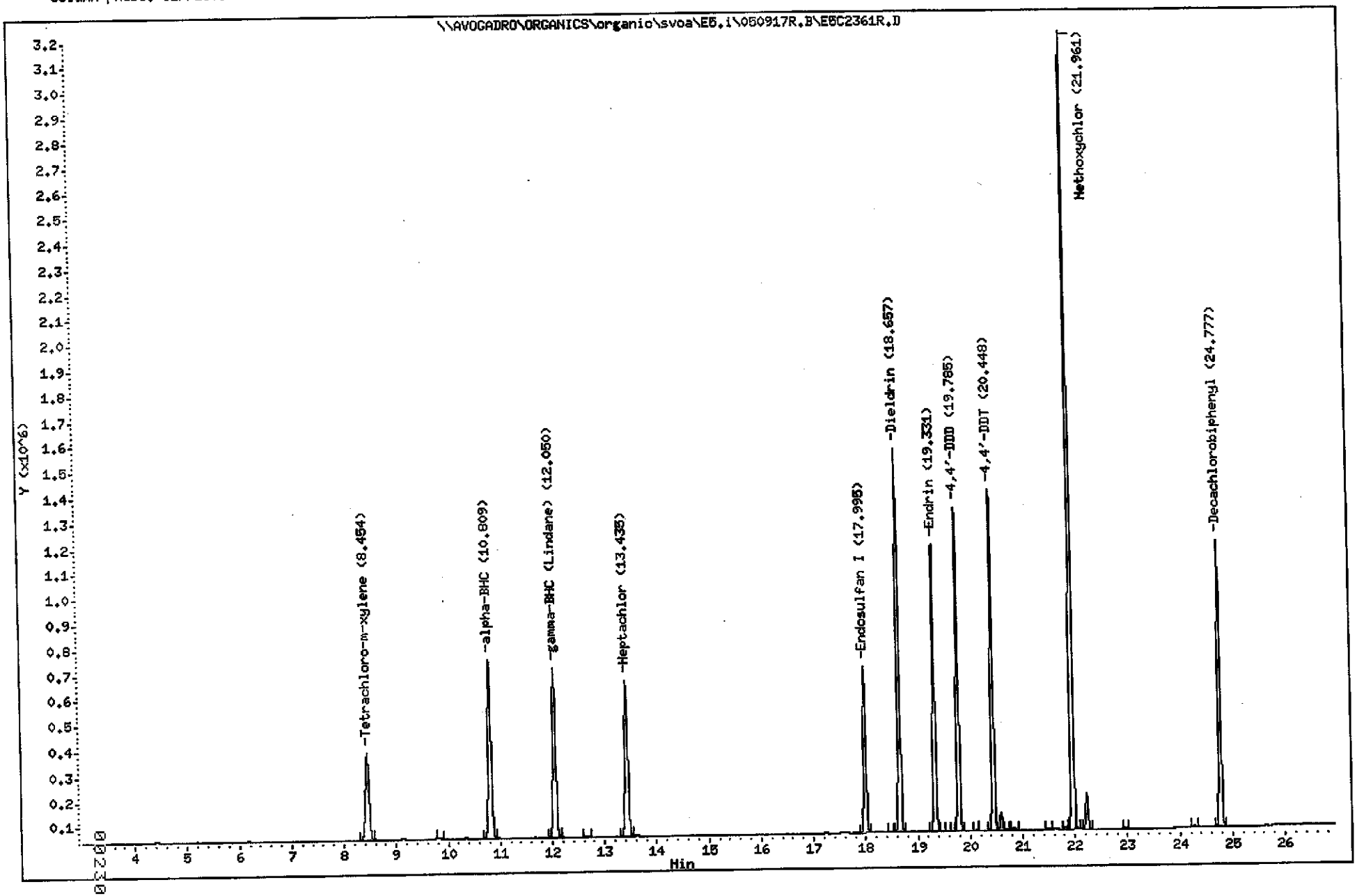
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E8C2361R.D
Date : 17-SEP-2005 20:47
Client ID: INDAHA1
Sample Info: INDAHA1,INDAHA1,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2361F.D
Report Date: 20-Sep-2005 09:34

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2361F.D
Lab Smp Id: INDAHA1 Client Smp ID: INDAHA1
Inj Date : 17-SEP-2005 20:47
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAHA1,INDAHA1,,inda.sub,,
Misc Info : 1,3,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:34 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.29	6.28	0.010	1671522	0.08000	0.081		(A)
3 alpha-BHC						CAS #: 319-84-6	
8.32	8.32	0.000	3454634	0.08000	0.088		(A)
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
9.41	9.40	0.010	3393392	0.08000	0.086		(A)
5 Heptachlor						CAS #: 76-44-8	
10.9	10.9	0.000	3862876	0.08000	0.083		(A)

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Data File: E5C2361F.D
Report Date: 20-Sep-2005 09:34

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	=======	========	========	=======	=======	==========	=====
10 Endosulfan I						CAS #: 959-98-8	
14.9	14.9	0.000	3267194	0.08000	0.081		(A)
14 Dieldrin						CAS #: 60-57-1	
16.1	16.1	0.000	6909233	0.16000	0.17		(A)
15 Endrin						CAS #: 72-20-8	
17.0	17.0	0.000	5163300	0.16000	0.17		(A)
16 4,4'-DDD						CAS #: 72-54-8	
17.4	17.4	0.000	5582417	0.16000	0.17		(A)
18 4,4'-DDT						CAS #: 50-29-3	
18.1	18.1	0.000	5948158	0.16000	0.17		(A)
21 Methoxychlor						CAS #: 72-43-5	
19.3	19.3	0.000	13132110	0.80000	0.73		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	5706126	0.16000	0.15		(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: E5C2361R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2361R.D
Lab Smp Id: INDAHA1 Client Smp ID: INDAHA1
Inj Date : 17-SEP-2005 20:47
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAHA1,INDAHA1,,inda.sub,,
Misc Info : 1,3,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	1686566	0.08000	0.079		
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	2855633	0.08000	0.088		(A)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.1	12.1	0.000	2616316	0.08000	0.086		(A)
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	2518528	0.08000	0.082		(A)

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Data File: E5C2361R.D
Report Date: 20-Sep-2005 10:23

				AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
11 Endosulfan I						CAS #: 959-98-8		
18.0	18.0	0.000	2087493	0.08000	0.080			
15 Dieldrin						CAS #: 60-57-1		
18.7	18.7	0.000	4613814	0.16000	0.17			(A)
16 Endrin						CAS #: 72-20-8		
19.3	19.3	0.000	3366982	0.16000	0.17			(A)
17 4,4'-DDD						CAS #: 72-54-8		
19.8	19.8	0.000	3628238	0.16000	0.17			(A)
19 4,4'-DDT						CAS #: 50-29-3		
20.4	20.4	0.000	3839882	0.16000	0.17			(A)
22 Methoxychlor						CAS #: 72-43-5		
22.0	22.0	0.000	9170811	0.80000	0.78			
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.8	24.8	0.000	3399883	0.16000	0.15			(A)

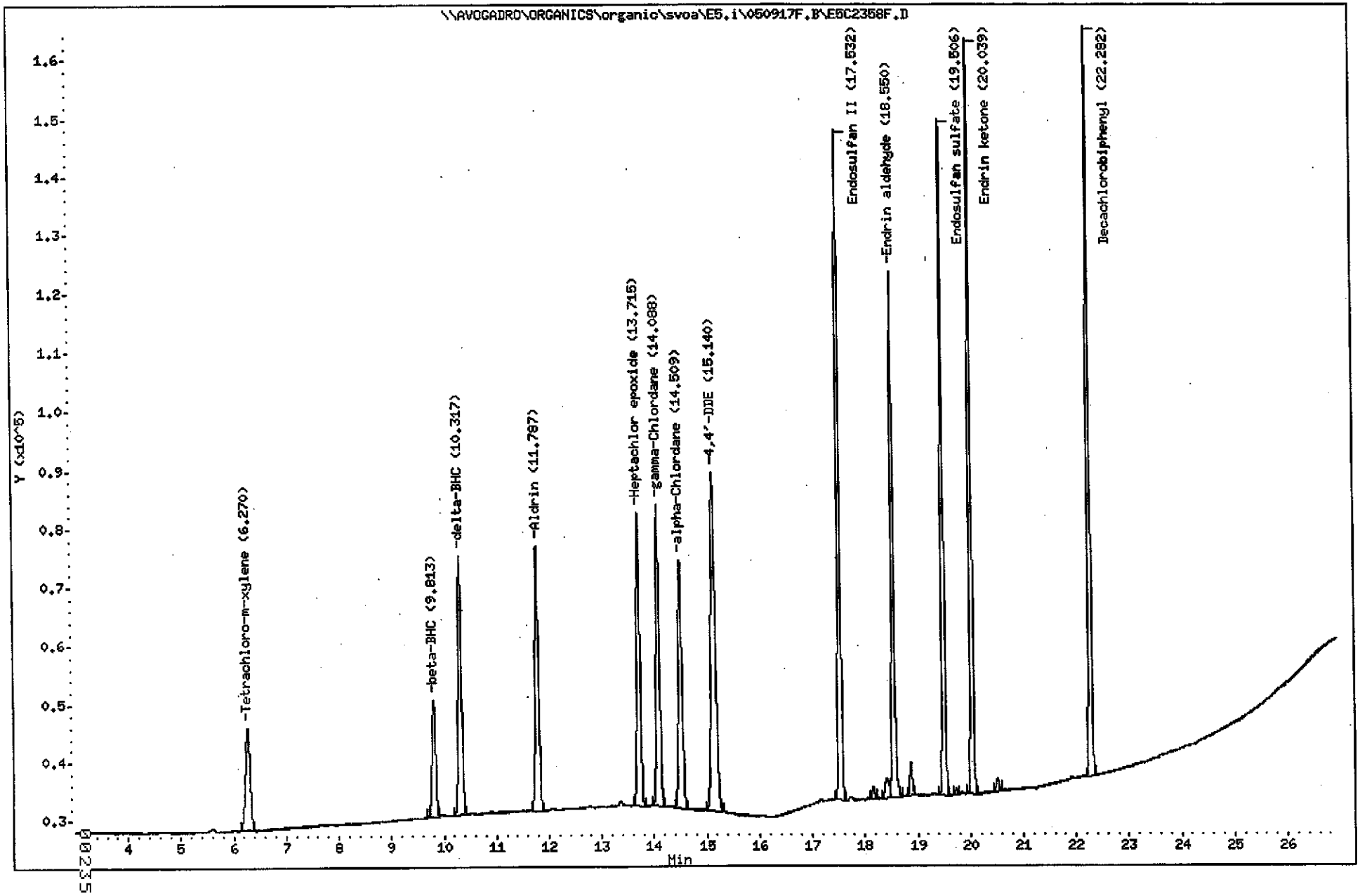
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

09/23/05

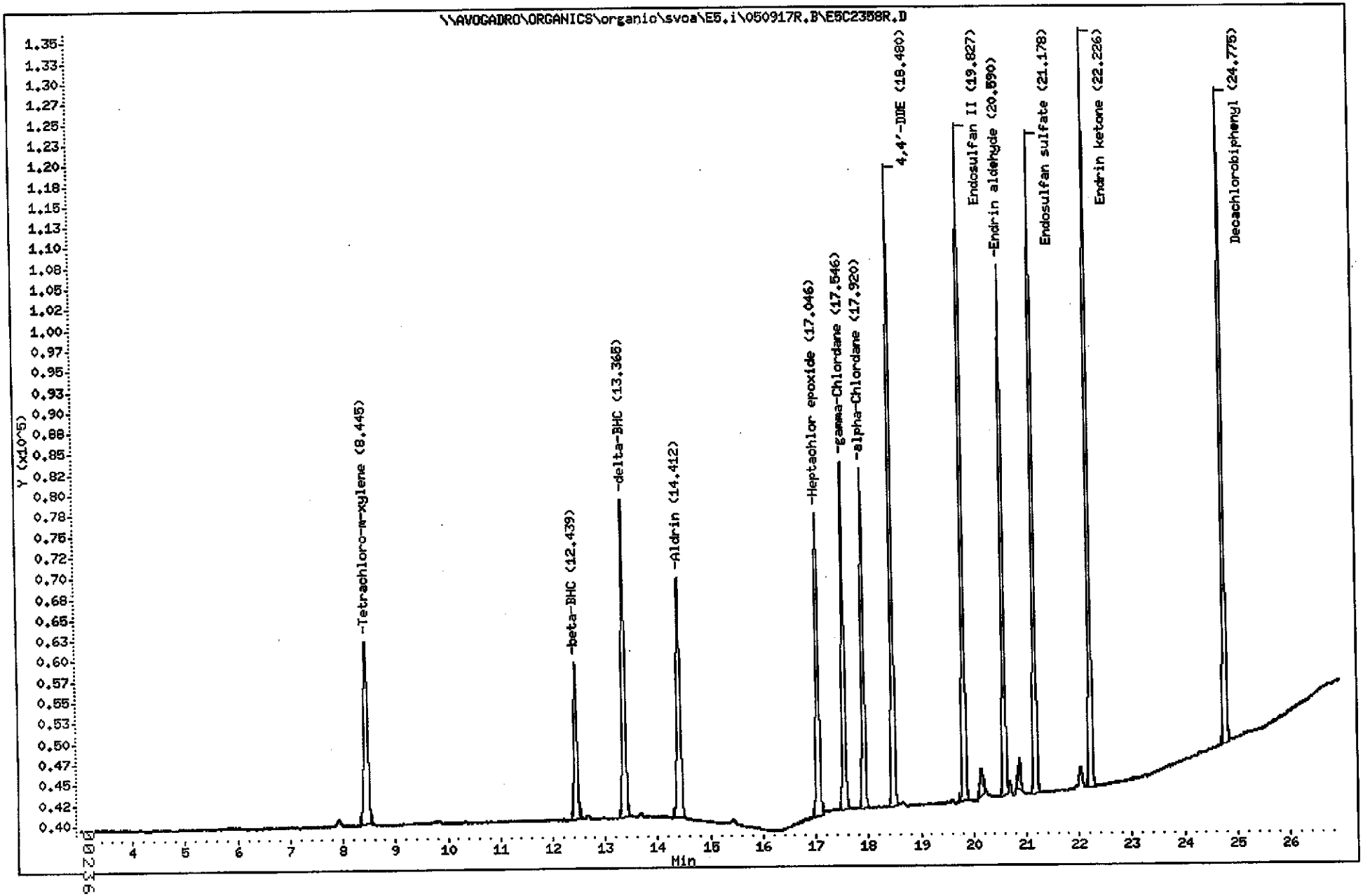
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2358F.D
Date : 17-SEP-2005 19:16
Client ID: INDBLA1
Sample Info: INDBLA1,INDBLA1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2358R.D
Date : 17-SEP-2005 19:16
Client ID: INDBLA1
Sample Info: INDBLA1,INDBLA1,,indb.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2358F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2358F.D
Lab Smp Id: INDBLA1 Client Smp ID: INDBLA1
Inj Date : 17-SEP-2005 19:16
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBLA1,INDBLA1,,indb.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.28	-0.010	108073	0.00500	0.0052		(a)
6 Aldrin						CAS #: 309-00-2	
11.8	11.8	0.000	202419	0.00500	0.0049		(a)
7 beta-BHC						CAS #: 319-85-7	
9.81	9.81	0.000	94374	0.00500	0.0054		(a)
8 delta-BHC						CAS #: 319-86-8	
10.3	10.3	0.000	197251	0.00500	0.0047		(a)

Data File: E5C2358F.D
Report Date: 20-Sep-2005 09:33

	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
	9 Heptachlor epoxide						CAS #: 1024-57-3		
	13.7	13.7	0.000	214107	0.00500	0.0052			(a)
	11 gamma-Chlordane						CAS #: 5103-74-2		
	14.1	14.1	0.000	220162	0.00500	0.0052			(a)
	12 alpha-Chlordane						CAS #: 5103-71-9		
	14.5	14.5	0.000	206198	0.00500	0.0053			(a)
	13 4,4'-DDE						CAS #: 72-55-9		
	15.1	15.1	0.000	349366	0.01000	0.0095			(a)
	17 Endosulfan II						CAS #: 33213-65-9		
	17.5	17.5	0.000	374809	0.01000	0.011			(a)
	19 Endrin aldehyde						CAS #: 7421-93-4		
	18.6	18.5	0.100	295366	0.01000	0.011			(a)
	20 Endosulfan sulfate						CAS #: 1031-07-8		
	19.5	19.5	0.000	356565	0.01000	0.010			(a)
	22 Endrin ketone						CAS #: 53494-70-5		
	20.0	20.0	0.000	389240	0.01000	0.0100			(a)
$	2 Decachlorobiphenyl						CAS #: 2051-24-3		
	22.3	22.3	0.000	399600	0.01000	0.011			(a)

QC Flag Legend

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

6 9 23 05

Data File: E5C2358R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2358R.D
Lab Smp Id: INDBLA1 Client Smp ID: INDBLA1
Inj Date : 17-SEP-2005 19:16
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBLA1,INDBLA1,,indb.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	112404	0.00500	0.0053		(a)
7 Aldrin						CAS #: 309-00-2	
14.4	14.4	0.000	132108	0.00500	0.0052		(a)
8 beta-BHC						CAS #: 319-85-7	
12.4	12.4	0.000	75430	0.00500	0.0055		(a)
9 delta-BHC						CAS #: 319-86-8	
13.4	13.4	0.000	147871	0.00500	0.0049		(a)

Data File: E5C2358R.D
Report Date: 20-Sep-2005 10:23

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
10 Heptachlor epoxide					CAS #: 1024-57-3		
17.0	17.0	0.000	140796	0.00500	0.0055		(a)
12 gamma-Chlordane					CAS #: 5103-74-2		
17.5	17.5	0.000	140288	0.00500	0.0053		(a)
13 alpha-Chlordane					CAS #: 5103-71-9		
17.9	17.9	0.000	134420	0.00500	0.0054		(a)
14 4,4'-DDE					CAS #: 72-55-9		
18.5	18.5	0.000	240094	0.01000	0.0099		(a)
18 Endosulfan II					CAS #: 33213-65-9		
19.8	19.8	0.000	252224	0.01000	0.011		(a)
20 Endrin aldehyde					CAS #: 7421-93-4		
20.6	20.6	0.000	190087	0.01000	0.011		(a)
21 Endosulfan sulfate					CAS #: 1031-07-8		
21.2	21.2	0.000	239195	0.01000	0.011		(a)
23 Endrin ketone					CAS #: 53494-70-5		
22.2	22.2	0.000	265105	0.01000	0.010		(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	244526	0.01000	0.011		(a)

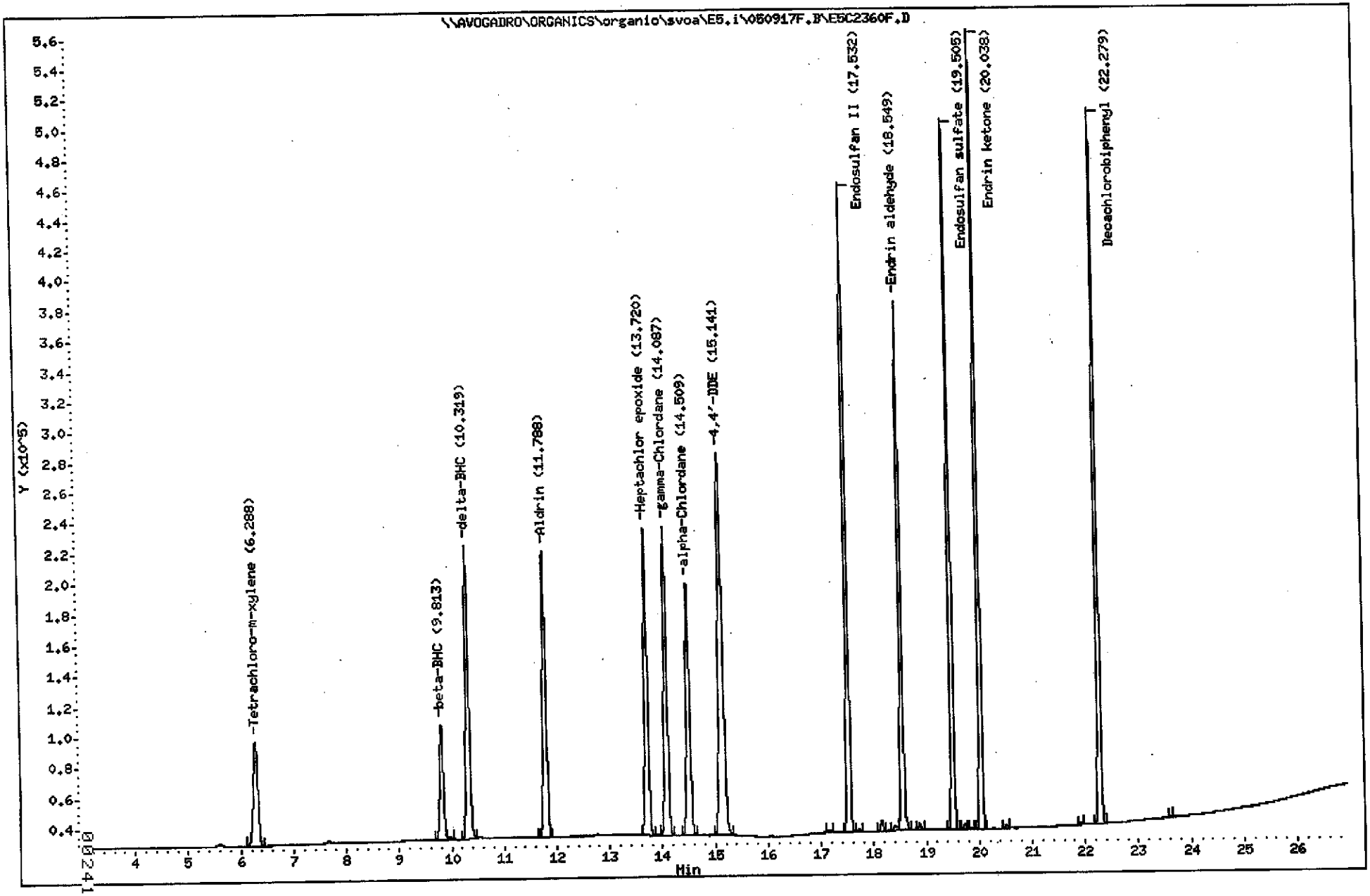
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2360F.D
Date : 17-SEP-2005 20:17
Client ID: INDBMA1
Sample Info: INDBMA1,INDBMA1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

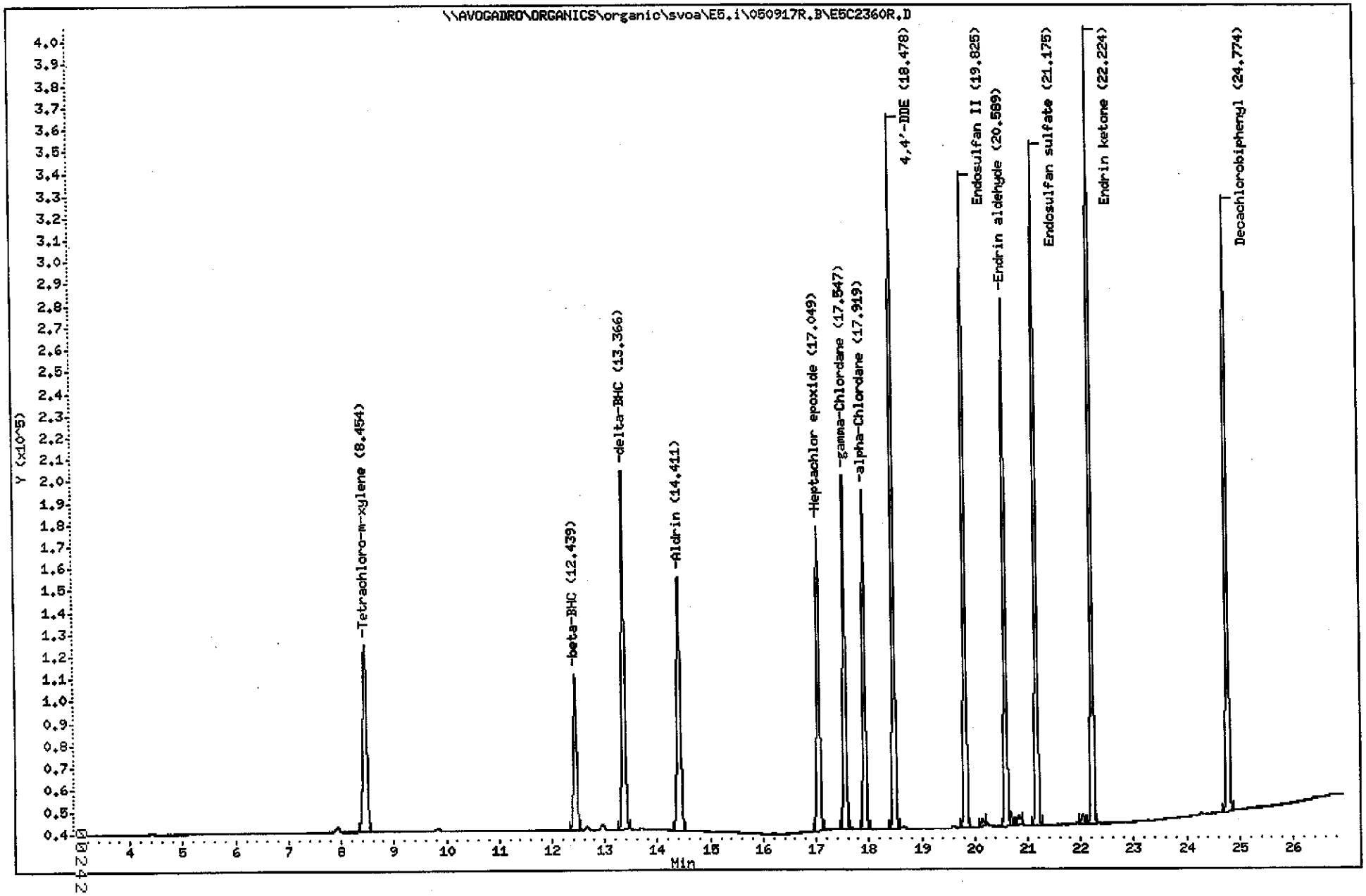
Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2360R.D
Date : 17-SEP-2005 20:17
Client ID: INDBMA1
Sample Info: INDBMA1,INDBMA1,,indb.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2360F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2360F.D
Lab Smp Id: INDBMA1 Client Smp ID: INDBMA1
Inj Date : 17-SEP-2005 20:17
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMA1,INDBMA1,,indb.sub,,
Misc Info : 1,2,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
6.29	6.28	0.010	409345	0.02000	0.020			(a)
6 Aldrin						CAS #: 309-00-2		
11.8	11.8	0.000	820825	0.02000	0.020			(a)
7 beta-BHC						CAS #: 319-85-7		
9.81	9.81	0.000	348858	0.02000	0.020			(a)
8 delta-BHC						CAS #: 319-86-8		
10.3	10.3	0.000	841540	0.02000	0.020			(a)

09/30/05

Data File: E5C2360F.D
Report Date: 20-Sep-2005 09:33

				AMOUNTS			
				CAL-AMT	ON-COL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
	==	======	========	========	=======	=======	============	=====
	9 Heptachlor epoxide					CAS #: 1024-57-3		
	13.7	13.7	0.000	827867	0.02000	0.020		(a)
	11 gamma-Chlordane					CAS #: 5103-74-2		
	14.1	14.1	0.000	846614	0.02000	0.020		(a)
	12 alpha-Chlordane					CAS #: 5103-71-9		
	14.5	14.5	0.000	777023	0.02000	0.020		(a)
	13 4,4'-DDE					CAS #: 72-55-9		
	15.1	15.1	0.000	1467571	0.04000	0.040		(a)
	17 Endosulfan II					CAS #: 33213-65-9		
	17.5	17.5	0.000	1379240	0.04000	0.040		(a)
	19 Endrin aldehyde					CAS #: 7421-93-4		
	18.5	18.5	0.000	1102913	0.04000	0.040		(a)
	20 Endosulfan sulfate					CAS #: 1031-07-8		
	19.5	19.5	0.000	1411506	0.04000	0.040		(a)
	22 Endrin ketone					CAS #: 53494-70-5		
	20.0	20.0	0.000	1558347	0.04000	0.040		(a)
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	22.3	22.3	0.000	1444428	0.04000	0.039		(a)

QC Flag Legend

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

Data File: E5C2360R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2360R.D
Lab Smp Id: INDBMA1 Client Smp ID: INDBMA1
Inj Date : 17-SEP-2005 20:17
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMA1,INDBMA1,,indb.sub,,
Misc Info : 1,2,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	8.45	8.45	0.000	422179	0.02000	0.020		(a)
	7 Aldrin					CAS #: 309-00-2		
	14.4	14.4	0.000	512309	0.02000	0.020		(a)
	8 beta-BHC					CAS #: 319-85-7		
	12.4	12.4	0.000	276570	0.02000	0.020		(a)
	9 delta-BHC					CAS #: 319-86-8		
	13.4	13.4	0.000	600764	0.02000	0.020		(a)

Data File: E5C2360R.D
Report Date: 20-Sep-2005 10:23

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
10 Heptachlor epoxide						CAS #: 1024-57-3	
17.0	17.0	0.000	514814	0.02000	0.020		(a)
12 gamma-Chlordane						CAS #: 5103-74-2	
17.5	17.5	0.000	525334	0.02000	0.020		(a)
13 alpha-Chlordane						CAS #: 5103-71-9	
17.9	17.9	0.000	495742	0.02000	0.020		(a)
14 4,4'-DDE						CAS #: 72-55-9	
18.5	18.5	0.000	968666	0.04000	0.040		(a)
18 Endosulfan II						CAS #: 33213-65-9	
19.8	19.8	0.000	892994	0.04000	0.040		(a)
20 Endrin aldehyde						CAS #: 7421-93-4	
20.6	20.6	0.000	702796	0.04000	0.040		(a)
21 Endosulfan sulfate						CAS #: 1031-07-8	
21.2	21.2	0.000	907426	0.04000	0.040		(a)
23 Endrin ketone						CAS #: 53494-70-5	
22.2	22.2	0.000	1025831	0.04000	0.040		(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	866266	0.04000	0.039		(a)

9/23/05

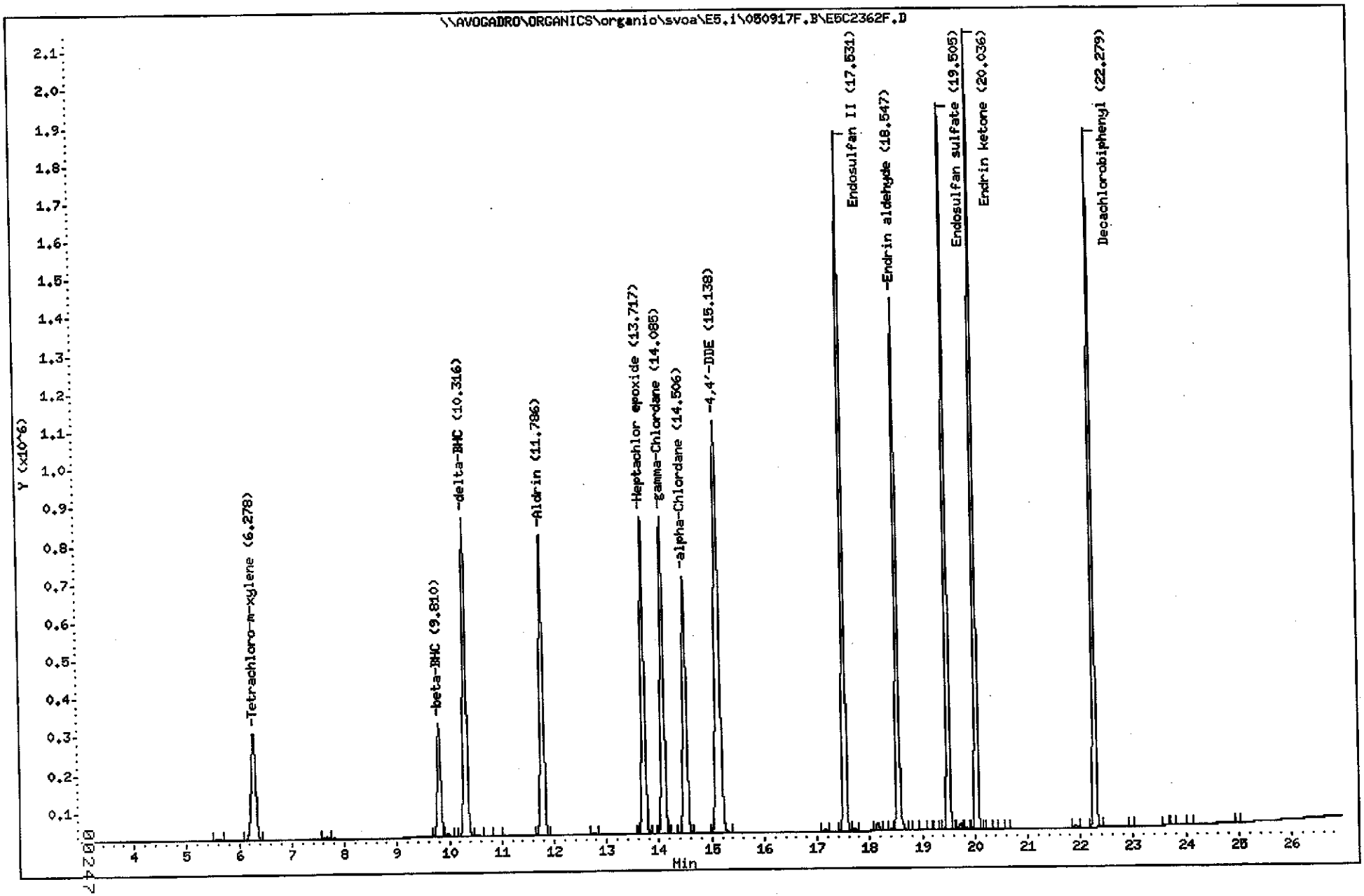
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2362F.D
Date : 17-SEP-2005 21:18
Client ID: INDBHA1
Sample Info: INDBHA1,INDBHA1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

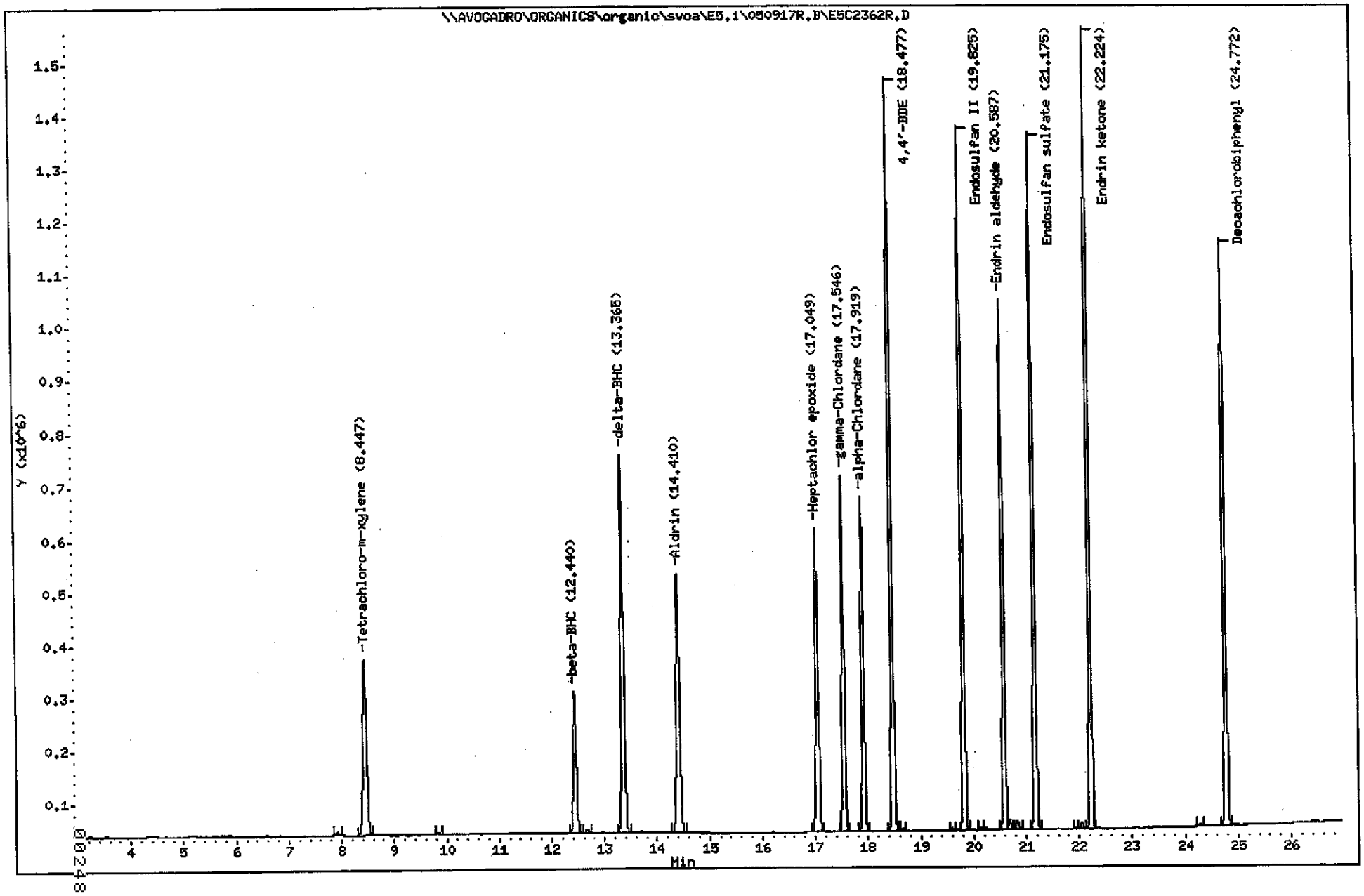
Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2362R.D
Date : 17-SEP-2005 21:18
Client ID: INDBHA1
Sample Info: INDBHA1,INDBHA1,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2362F.D
Report Date: 20-Sep-2005 09:34

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2362F.D
Lab Smp Id: INDBHA1 Client Smp ID: INDBHA1
Inj Date : 17-SEP-2005 21:18
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBHA1,INDBHA1,,,indb.sub,,
Misc Info : 1,3,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:34 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.28	6.28	0.000	1642322	0.08000	0.079		
6 Aldrin						CAS #: 309-00-2	
11.8	11.8	0.000	3464148	0.08000	0.084		(A)
7 beta-BHC						CAS #: 319-85-7	
9.81	9.81	0.000	1358932	0.08000	0.078		
8 delta-BHC						CAS #: 319-86-8	
10.3	10.3	0.000	3615367	0.08000	0.086		(A)

Data File: E5C2362F.D
Report Date: 20-Sep-2005 09:34

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
9 Heptachlor epoxide						CAS #: 1024-57-3		
13.7	13.7	0.000	3396321	0.08000	0.082			(A)
11 gamma-Chlordane						CAS #: 5103-74-2		
14.1	14.1	0.000	3472775	0.08000	0.082			(A)
12 alpha-Chlordane						CAS #: 5103-71-9		
14.5	14.5	0.000	3142872	0.08000	0.081			(A)
13 4,4'-DDE						CAS #: 72-55-9		
15.1	15.1	0.000	6350966	0.16000	0.17			(A)
17 Endosulfan II						CAS #: 33213-65-9		
17.5	17.5	0.000	5941314	0.16000	0.17			(A)
19 Endrin aldehyde						CAS #: 7421-93-4		
18.5	18.5	0.000	4461701	0.16000	0.16			(A)
20 Endosulfan sulfate						CAS #: 1031-07-8		
19.5	19.5	0.000	5802231	0.16000	0.16			(A)
22 Endrin ketone						CAS #: 53494-70-5		
20.0	20.0	0.000	6292679	0.16000	0.16			(A)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
22.3	22.3	0.000	5571149	0.16000	0.15			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: E5C2362R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2362R.D
Lab Smp Id: INDBHA1 Client Smp ID: INDBHA1
Inj Date : 17-SEP-2005 21:18
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBHA1,INDBHA1,,indb.sub,,
Misc Info : 1,3,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	1649536	0.08000	0.077		
7 Aldrin						CAS #: 309-00-2	
14.4	14.4	0.000	2155536	0.08000	0.084		(A)
8 beta-BHC						CAS #: 319-85-7	
12.4	12.4	0.000	1054726	0.08000	0.076		
9 delta-BHC						CAS #: 319-86-8	
13.4	13.4	0.000	2641111	0.08000	0.088		(A)

Data File: E5C2362R.D
Report Date: 20-Sep-2005 10:23

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
10 Heptachlor epoxide						CAS #: 1024-57-3	
17.0	17.0	0.000	2102943	0.08000	0.082		(A)
12 gamma-Chlordane						CAS #: 5103-74-2	
17.5	17.5	0.000	2160389	0.08000	0.082		(A)
13 alpha-Chlordane						CAS #: 5103-71-9	
17.9	17.9	0.000	2012096	0.08000	0.081		(A)
14 4,4'-DDE						CAS #: 72-55-9	
18.5	18.5	0.000	4216927	0.16000	0.17		(A)
18 Endosulfan II						CAS #: 33213-65-9	
19.8	19.8	0.000	3921410	0.16000	0.18		(A)
20 Endrin aldehyde						CAS #: 7421-93-4	
20.6	20.6	0.000	2885074	0.16000	0.16		(A)
21 Endosulfan sulfate						CAS #: 1031-07-8	
21.2	21.2	0.000	3776196	0.16000	0.17		(A)
23 Endrin ketone						CAS #: 53494-70-5	
22.2	22.2	0.000	4270390	0.16000	0.17		(A)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	3326577	0.16000	0.15		(A)

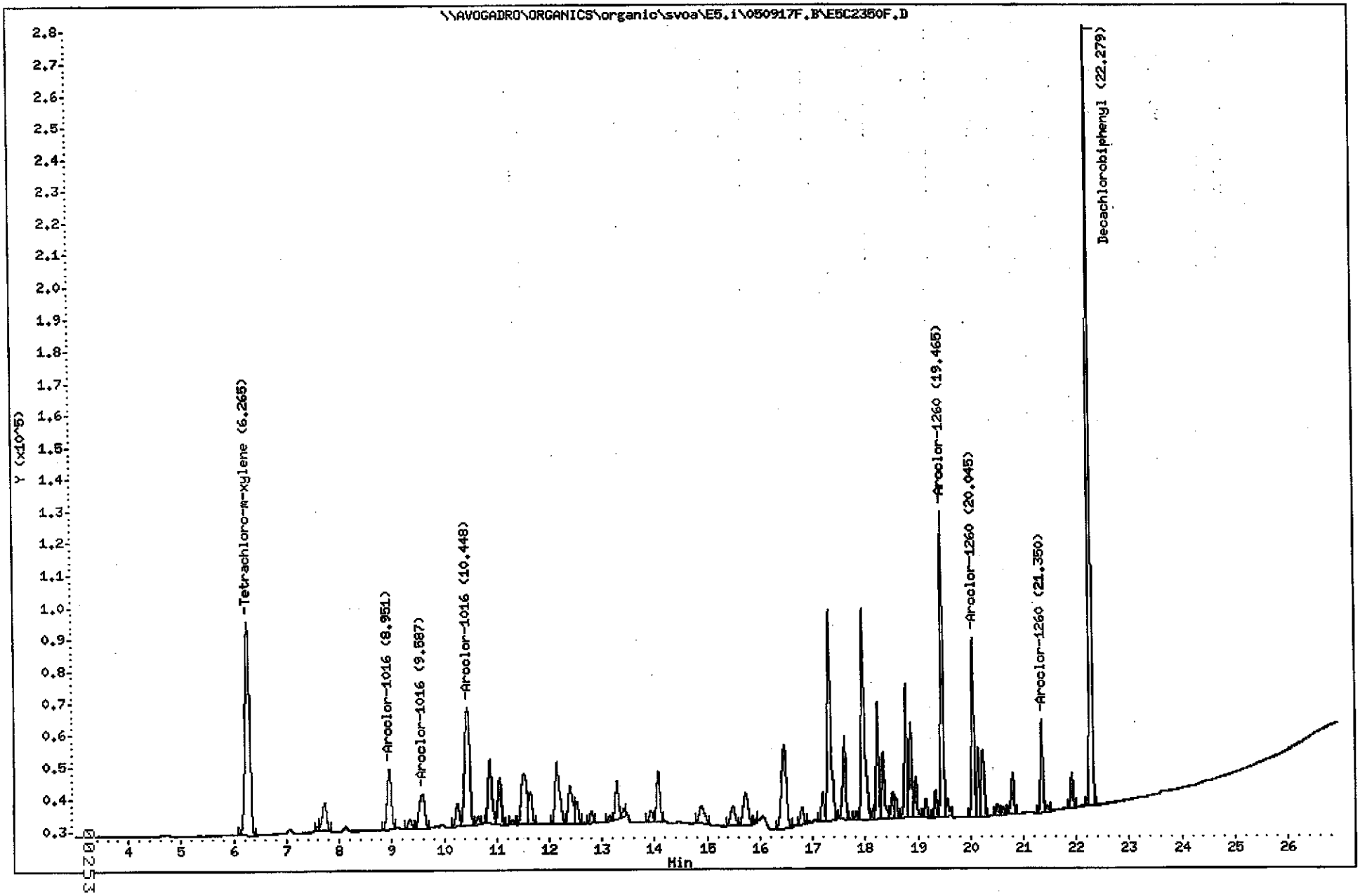
✓ .9231

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

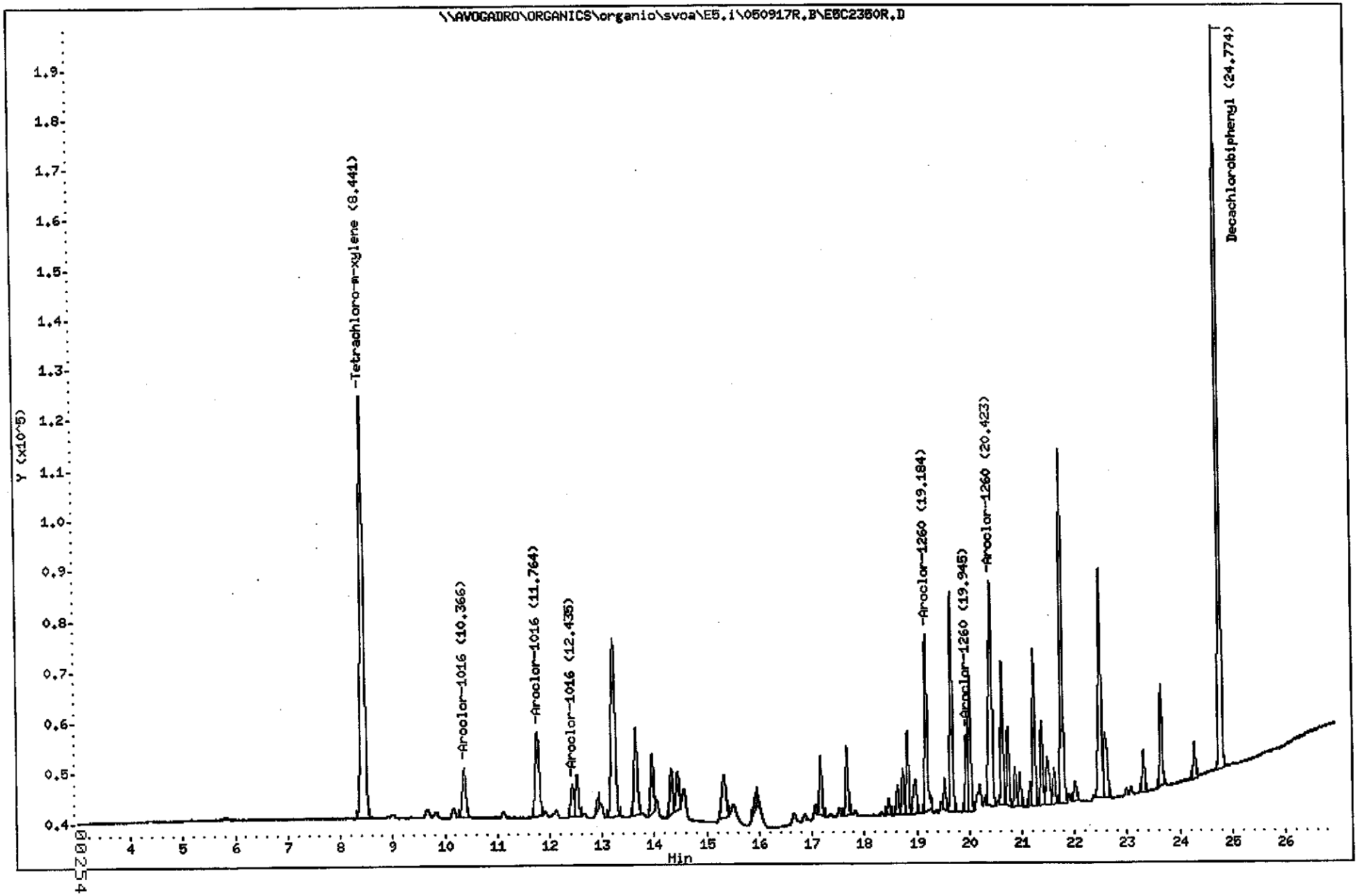
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2350F.D
Date : 17-SEP-2005 14:40
Client ID: AR1660A1
Sample Info: AR1660A1,AR1660A1,,ar1660.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2350R.D
Date : 17-SEP-2005 14:40
Client ID: AR1660A1
Sample Info: AR1660A1,AR1660A1,,ar1660,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2350F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2350F.D
Lab Smp Id: AR1660A1 Client Smp ID: AR1660A1
Inj Date : 17-SEP-2005 14:40
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660A1,AR1660A1,,ar1660.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.26	6.28	-0.020	411220	0.00500	0.020			(a)
23 Aroclor-1016					CAS #: 12674-11-2			
8.95	8.95	0.000	105396	0.10000	0.10	80.00- 120.00	100.00	(a)
9.59	9.59	0.000	76194	0.10000	0.10	52.29- 92.29	72.29	
10.4	10.4	0.000	247870	0.10000	0.10	215.18- 255.18	235.18	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	748624	0.01000	0.020			(a)

Data File: E5C2350F.D
Report Date: 20-Sep-2005 09:33

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
**	======	========	========	=======	=======	============	=====
29 Aroclor-1260					CAS #: 11096-82-5		
19.5	19.5	0.000	304889	0.10000	0.10	80.00- 120.00	100.00(a)
20.0	20.0	0.000	178153	0.10000	0.10	38.43- 78.43	58.43
21.3	21.3	0.000	90818	0.10000	0.10	9.79- 49.79	29.79
		Average of Peak Amounts =			0.1		

QC Flag Legend

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

Data File: E5C2350R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2350R.D
Lab Smp Id: AR1660A1 Client Smp ID: AR1660A1
Inj Date : 17-SEP-2005 14:40
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660A1,AR1660A1,,ar1660.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.44	8.45	-0.010	423016	0.00500	0.020			(a)
24 Aroclor-1016					CAS #: 12674-11-2			
10.4	10.4	0.000	45092	0.10000	0.10	80.00- 120.00	100.00	(a)
11.8	11.8	0.000	89089	0.10000	0.10	177.57- 217.57	197.57	
12.4	12.4	0.000	25462	0.10000	0.10	36.47- 76.47	56.47	
		Average of Peak Amounts =			0.1			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	453875	0.01000	0.020			(a)

Data File: E5C2350R.D
Report Date: 20-Sep-2005 10:23

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
30 Aroclor-1260					CAS #: 11096-82-5		
19.2	19.2	0.000	115788	0.10000	0.10	80.00- 120.00	100.00(a)
19.9	19.9	0.000	44160	0.10000	0.10	18.14- 58.14	38.14
20.4	20.4	0.000	195106	0.10000	0.10	148.50- 188.50	168.50
		Average of Peak Amounts =			0.1		

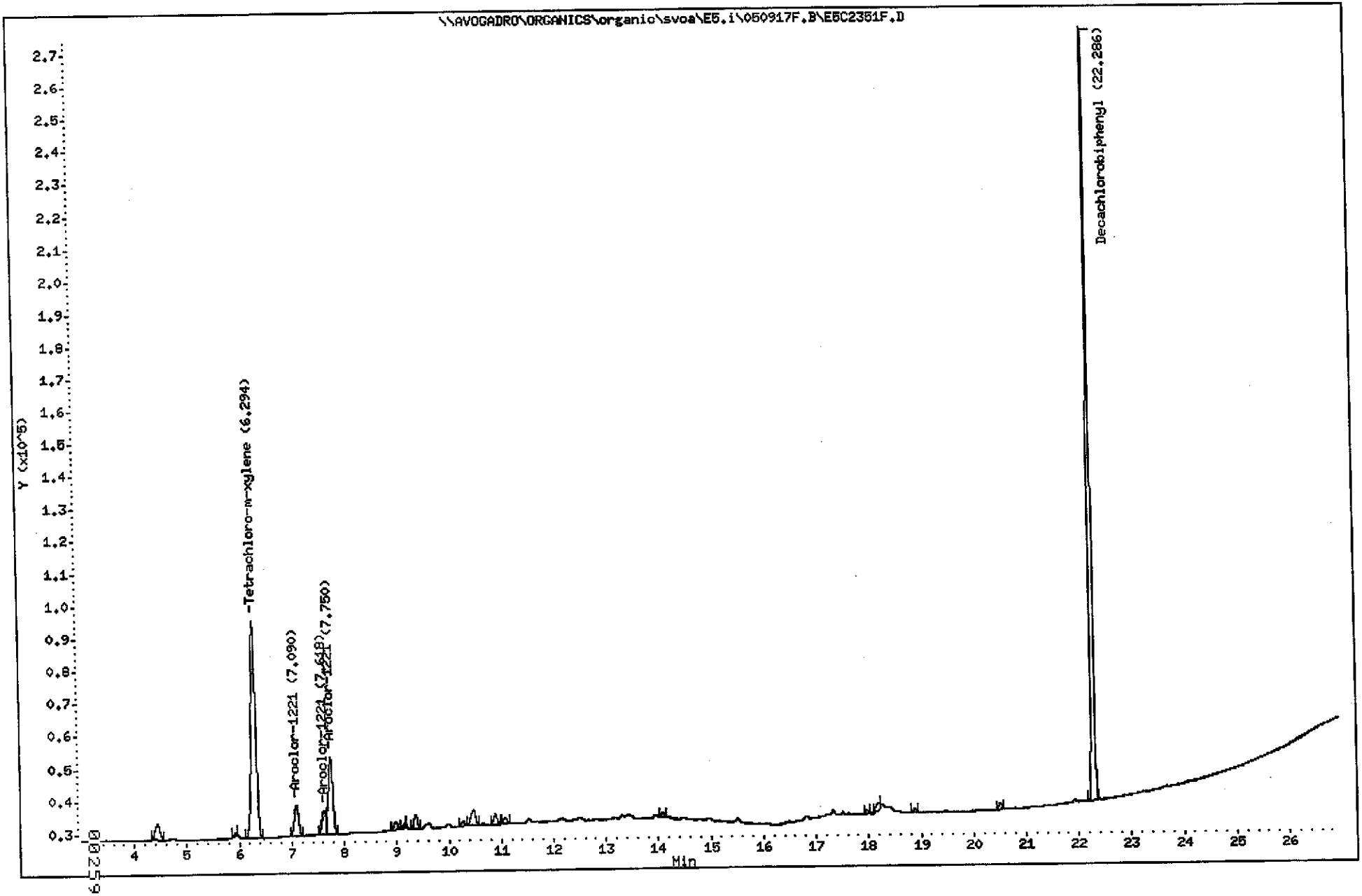
QC Flag Legend

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

09/21/05

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2351F.D
Date : 17-SEP-2005 15:42
Client ID: AR1221A1
Sample Info: AR1221A1,AR1221A1,,ar1221.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

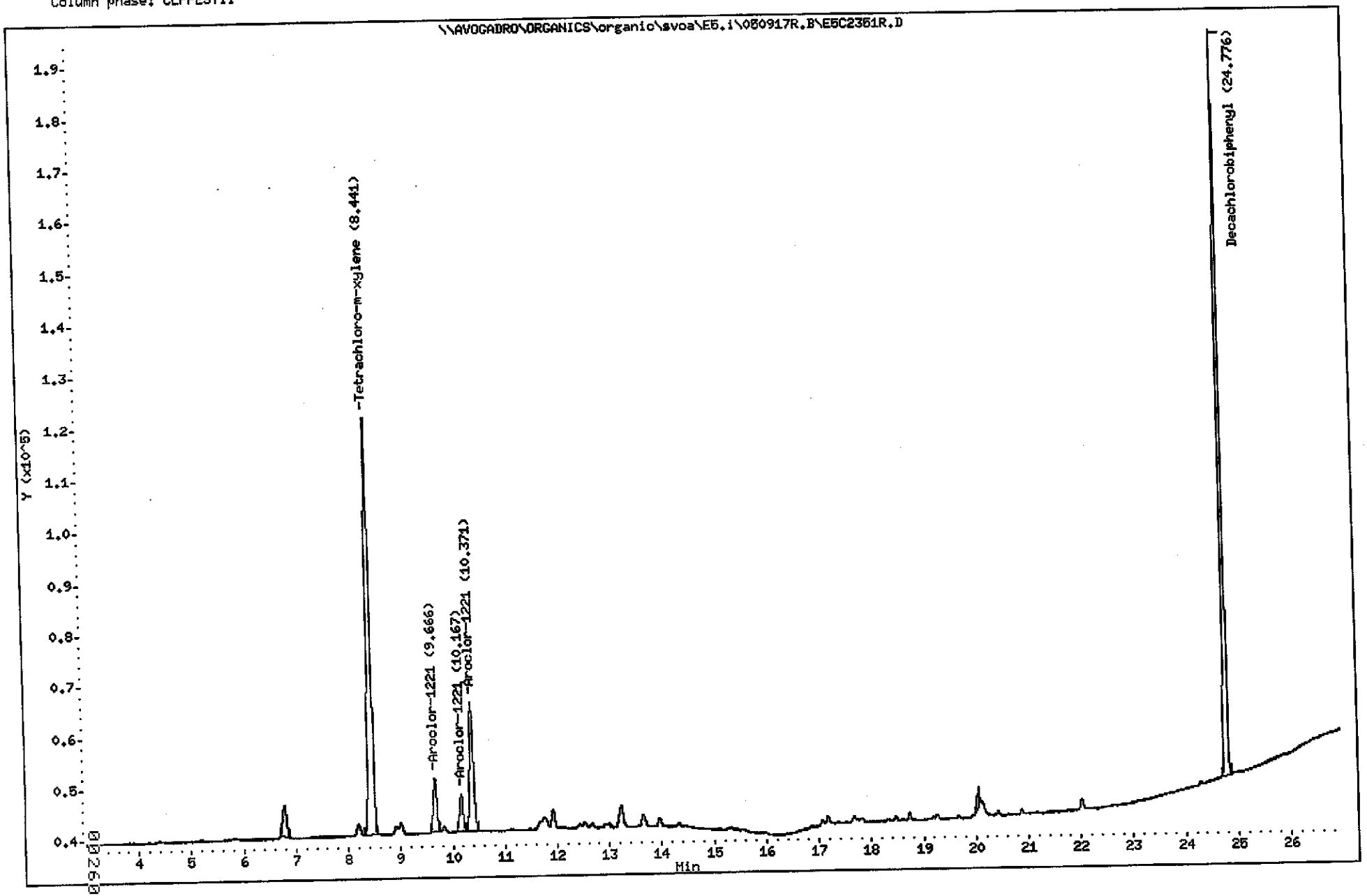
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2351R.D
Date : 17-SEP-2005 15:42
Client ID: AR1221A1
Sample Info: AR1221A1,AR1221A1,,ar1221.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2351F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2351F.D
Lab Smp Id: AR1221A1 Client Smp ID: AR1221A1
Inj Date : 17-SEP-2005 15:42
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1221A1,AR1221A1,,ar1221.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.29	6.28	0.010	416623	0.00500	0.020			(a)
24 Aroclor-1221					CAS #: 11104-28-2			
7.09	7.09	0.000	51707	0.20000	0.20	80.00- 120.00	100.00	(a)
7.62	7.62	0.000	35565	0.20000	0.20	48.78- 88.78	68.78	
7.75	7.75	0.000	138011	0.20000	0.20	246.91- 286.91	266.91	
Average of Peak Amounts =					0.2			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	733911	0.01000	0.020			(a)

Data File: E5C2351F.D
Report Date: 20-Sep-2005 09:33

QC Flag Legend

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

Data File: E5C2351R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2351R.D
Lab Smp Id: AR1221A1 Client Smp ID: AR1221A1
Inj Date : 17-SEP-2005 15:42
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1221A1,AR1221A1,,ar1221.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

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	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8			
	8.44	8.45	-0.010	414180	0.00500	0.019			(a)
25 Aroclor-1221						CAS #: 11104-28-2			
	9.67	9.67	0.000	47816	0.20000	0.20	80.00- 120.00	100.00	(a)
	10.2	10.2	0.000	31987	0.20000	0.20	46.90- 86.90	66.90	
	10.4	10.4	0.000	125164	0.20000	0.20	241.76- 281.76	261.76	
Average of Peak Amounts =						0.2			
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3			
	24.8	24.8	0.000	442294	0.01000	0.020			(a)

Data File: E5C2351R.D
Report Date: 20-Sep-2005 10:23

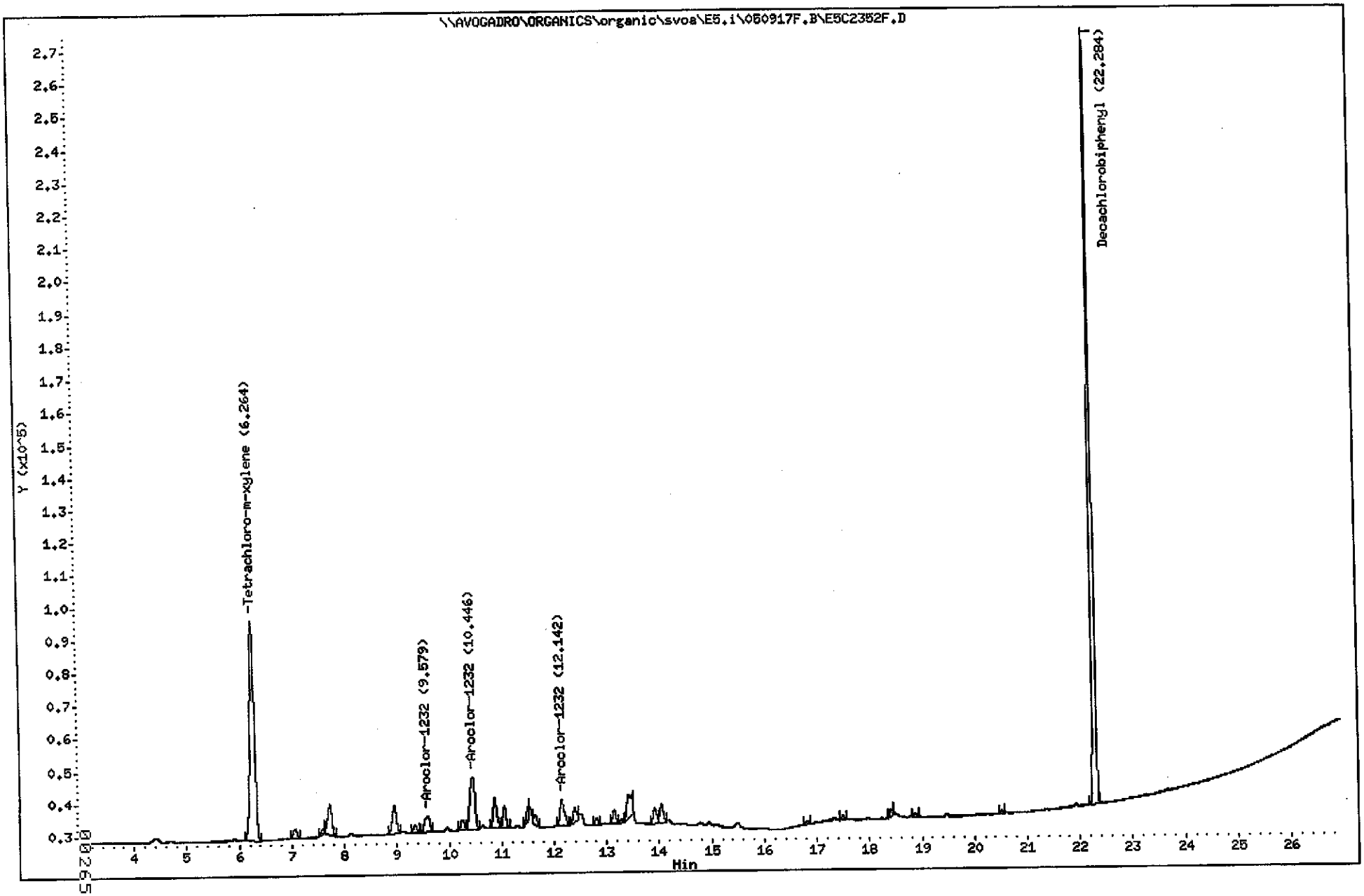
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2352F.D
Date : 17-SEP-2005 16:13
Client ID: AR1232A1
Sample Info: AR1232A1,AR1232A1,,ar1232.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

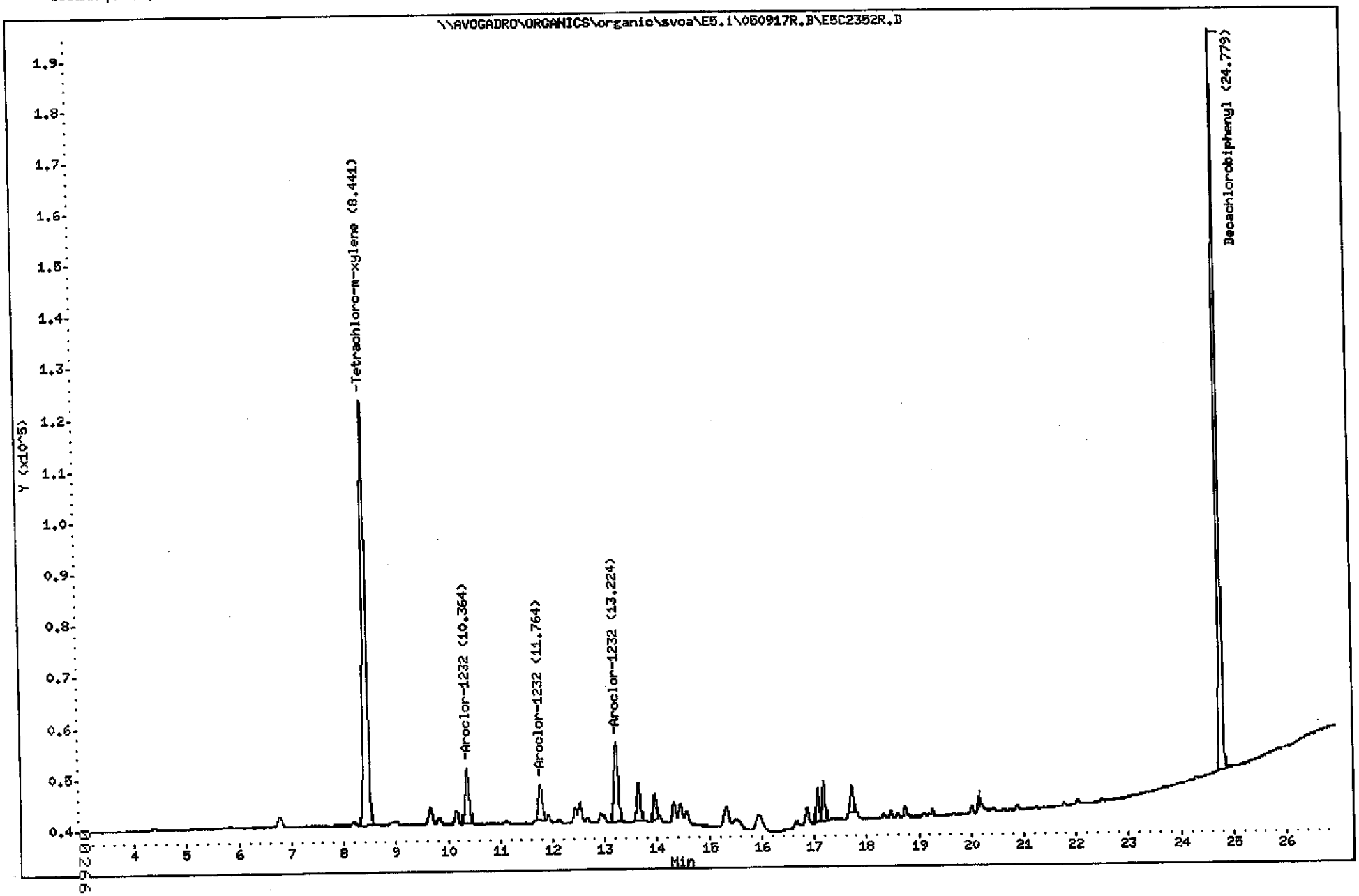
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2352R.D
Date : 17-SEP-2005 16:13
Client ID: AR1232A1
Sample Info: AR1232A1,AR1232A1,,ar1232.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2352F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2352F.D
Lab Smp Id: AR1232A1 Client Smp ID: AR1232A1
Inj Date : 17-SEP-2005 16:13
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1232A1,AR1232A1,,ar1232.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

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	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8			
	6.26	6.28	-0.020	407068	0.00500	0.020			(a)
25 Aroclor-1232						CAS #: 11141-16-5			
	9.58	9.58	0.000	33778	0.10000	0.10	80.00- 120.00	100.00	(a)
	10.4	10.4	0.000	109346	0.10000	0.10	303.72- 343.72	323.72	
	12.1	12.1	0.000	48274	0.10000	0.10	122.92- 162.92	142.92	
Average of Peak Amounts =						0.1			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3			
	22.3	22.3	0.000	737892	0.01000	0.020			(a)

Data File: E5C2352F.D
Report Date: 20-Sep-2005 09:33

QC Flag Legend

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

Data File: E5C2352R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2352R.D
Lab Smp Id: AR1232A1 Client Smp ID: AR1232A1
Inj Date : 17-SEP-2005 16:13
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1232A1,AR1232A1,,ar1232.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

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			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	417575	0.00500	0.020		(a)
26 Aroclor-1232					CAS #: 11141-16-5		
10.4	10.4	0.000	49776	0.10000	0.10	80.00- 120.00	100.00(a)
11.8	11.8	0.000	34211	0.10000	0.10	48.73- 88.73	68.73
13.2	13.2	0.000	85509	0.10000	0.10	151.79- 191.79	171.79
Average of Peak Amounts =					0.1		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	447649	0.01000	0.020		(a)

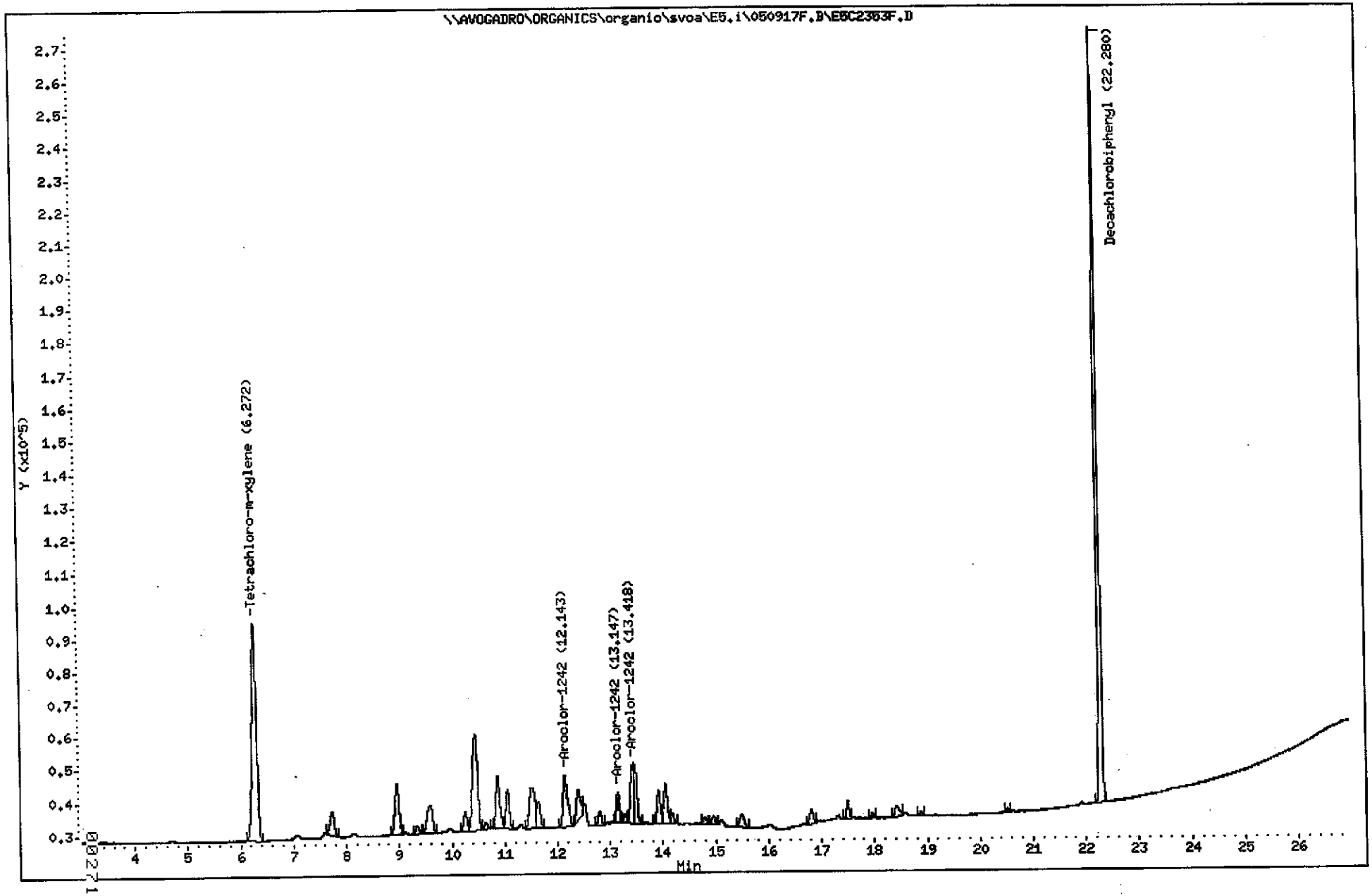
Data File: E5C2352R.D
Report Date: 20-Sep-2005 10:23

QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2353F.D
Date : 17-SEP-2005 16:43
Client ID: AR1242A1
Sample Info: AR1242A1,AR1242A1,,ar1242,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

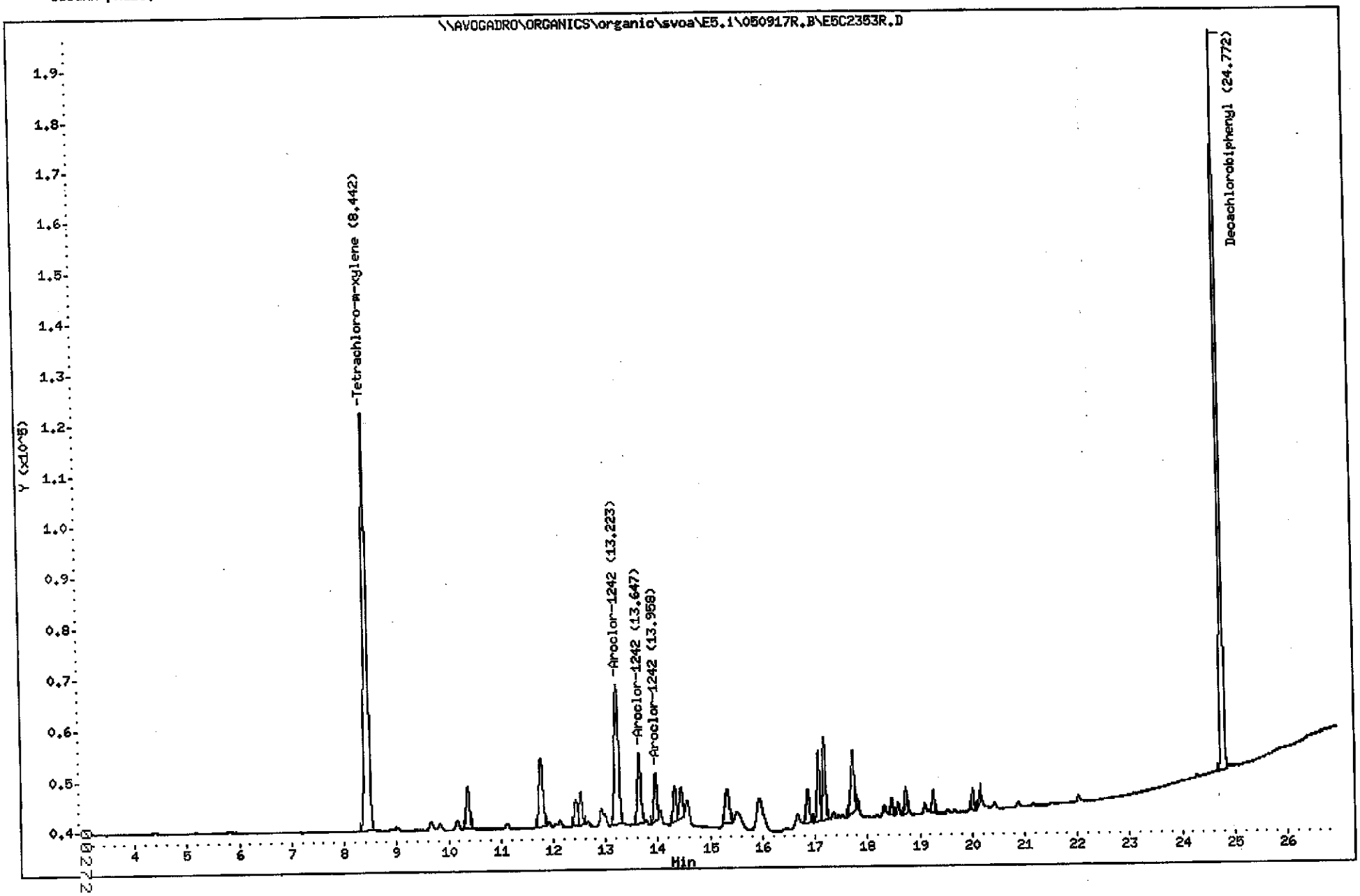
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2353R.D
Date : 17-SEP-2005 16:43
Client ID: AR1242A1
Sample Info: AR1242A1,AR1242A1,,ar1242.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2353F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2353F.D
Lab Smp Id: AR1242A1 Client Smp ID: AR1242A1
Inj Date : 17-SEP-2005 16:43
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1242A1,AR1242A1,,ar1242.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.27	6.28	-0.010	404626	0.00500	0.020			(a)
26 Aroclor-1242					CAS #: 53469-21-9			
12.1	12.1	0.000	94012	0.10000	0.10	80.00- 120.00	100.00	(a)
13.1	13.1	0.000	38762	0.10000	0.10	21.23- 61.23	41.23	
13.4	13.4	0.000	74569	0.10000	0.10	59.32- 99.32	79.32	
Average of Peak Amounts =					0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	736687	0.01000	0.020			(a)

Data File: E5C2353F.D
Report Date: 20-Sep-2005 09:33

QC Flag Legend

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

Data File: E5C2353R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2353R.D
Lab Smp Id: AR1242A1 Client Smp ID: AR1242A1
Inj Date : 17-SEP-2005 16:43
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1242A1,AR1242A1,,ar1242.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.44	8.45	-0.010	413146	0.00500	0.019			(a)
27 Aroclor-1242					CAS #: 53469-21-9			
13.2	13.2	0.000	151911	0.10000	0.10	80.00- 120.00	100.00	(a)
13.6	13.6	0.000	60220	0.10000	0.10	19.64- 59.64	39.64	
14.0	14.0	0.000	35566	0.10000	0.10	3.41- 43.41	23.41	
Average of Peak Amounts =					0.1			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	449802	0.01000	0.020			(a)

Data File: E5C2353R.D
Report Date: 20-Sep-2005 10:23

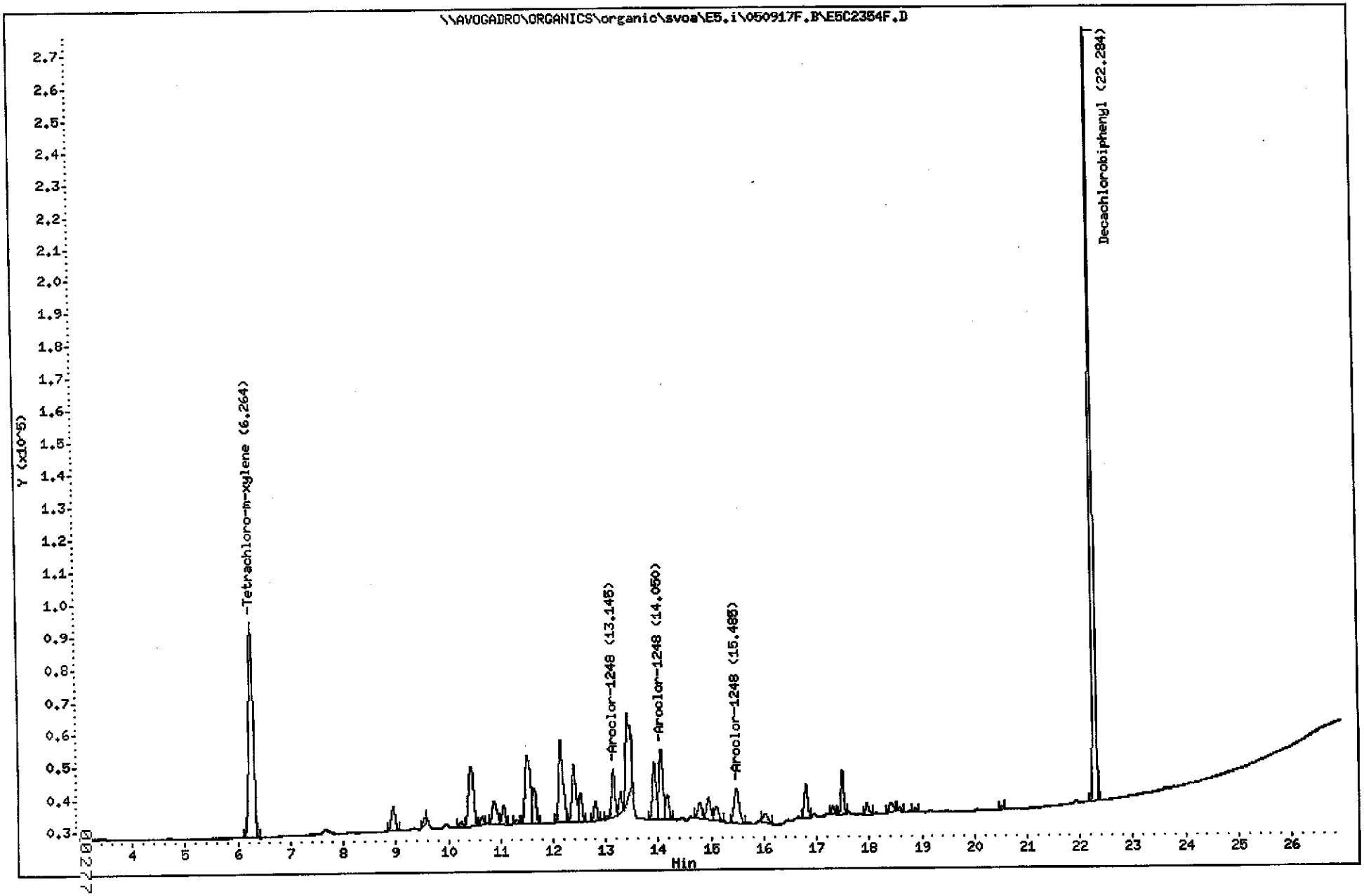
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2354F.D
Date : 17-SEP-2005 17:14
Client ID: AR1248A1
Sample Info: AR1248A1,AR1248A1,,ar1248.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

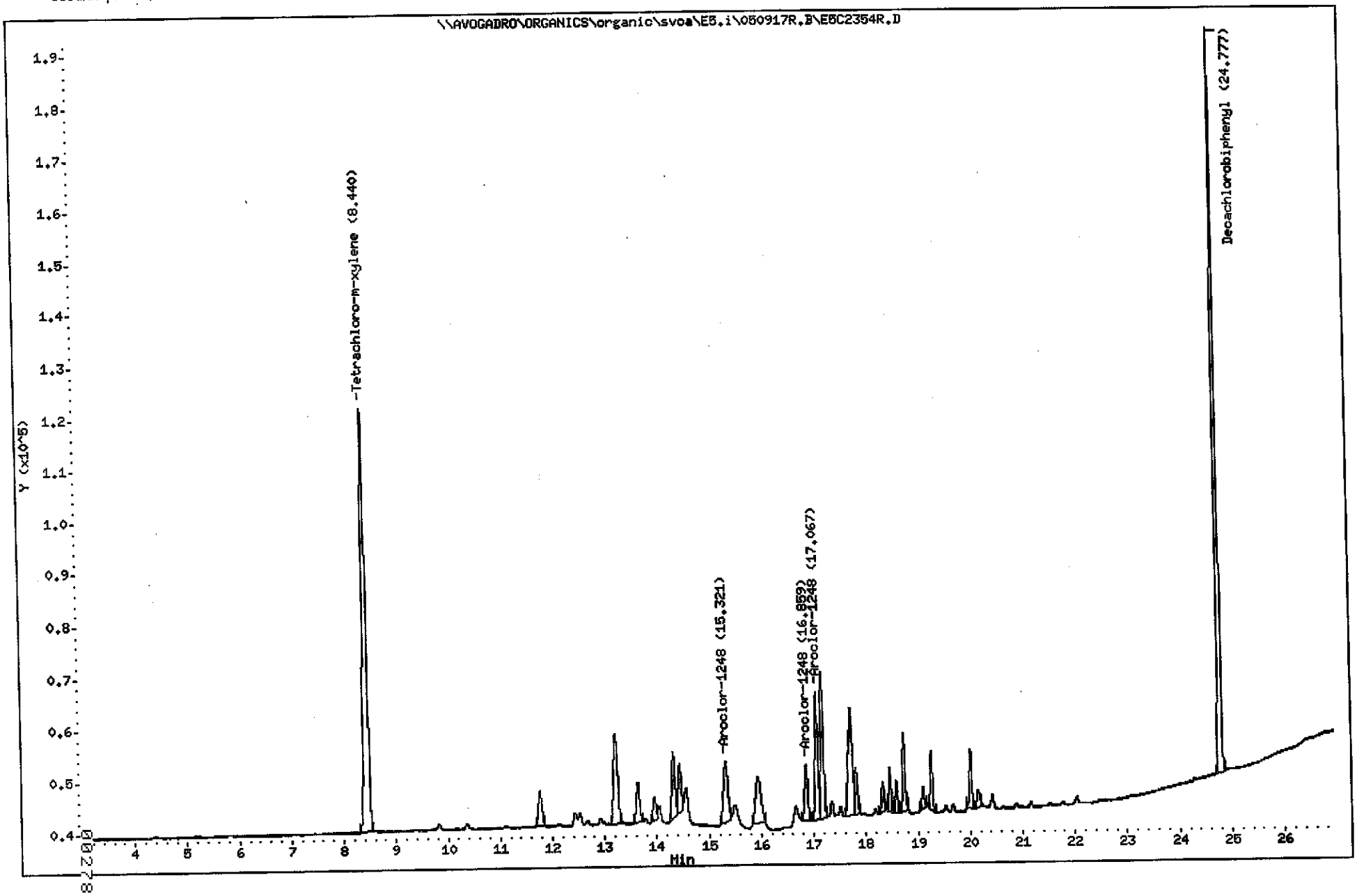
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2354R.D
Date : 17-SEP-2005 17:14
Client ID: AR1248A1
Sample Info: AR1248A1,AR1248A1,,ar1248.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2354F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2354F.D
Lab Smp Id: AR1248A1 Client Smp ID: AR1248A1
Inj Date : 17-SEP-2005 17:14
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1248A1,AR1248A1,,ar1248.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.26	6.28	-0.020	399391	0.00500	0.019			(a)
27 Aroclor-1248					CAS #: 12672-29-6			
13.1	13.1	0.000	59310	0.10000	0.10	80.00- 120.00	100.00	(a)
14.1	14.1	0.000	112113	0.10000	0.10	169.03- 209.03	189.03	
15.5	15.5	0.000	71961	0.10000	0.10	101.33- 141.33	121.33	
		Average of Peak Amounts =			0.1			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
22.3	22.3	0.000	735061	0.01000	0.020			(a)

Data File: E5C2354F.D
Report Date: 20-Sep-2005 09:33

QC Flag Legend

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

Data File: E5C2354R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2354R.D
Lab Smp Id: AR1248A1 Client Smp ID: AR1248A1
Inj Date : 17-SEP-2005 17:14
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1248A1,AR1248A1,,ar1248.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.44	8.45	-0.010	409511	0.00500	0.019			(a)
28 Aroclor-1248					CAS #: 12672-29-6			
15.3	15.3	0.000	70459	0.10000	0.10	80.00- 120.00	100.00	(a)
16.9	16.9	0.000	44924	0.10000	0.10	43.76- 83.76	63.76	
17.1	17.1	0.000	93186	0.10000	0.10	112.26- 152.26	132.26	
Average of Peak Amounts =					0.1			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	445360	0.01000	0.020			(a)

9/23/05

Data File: E5C2354R.D
Report Date: 20-Sep-2005 10:23

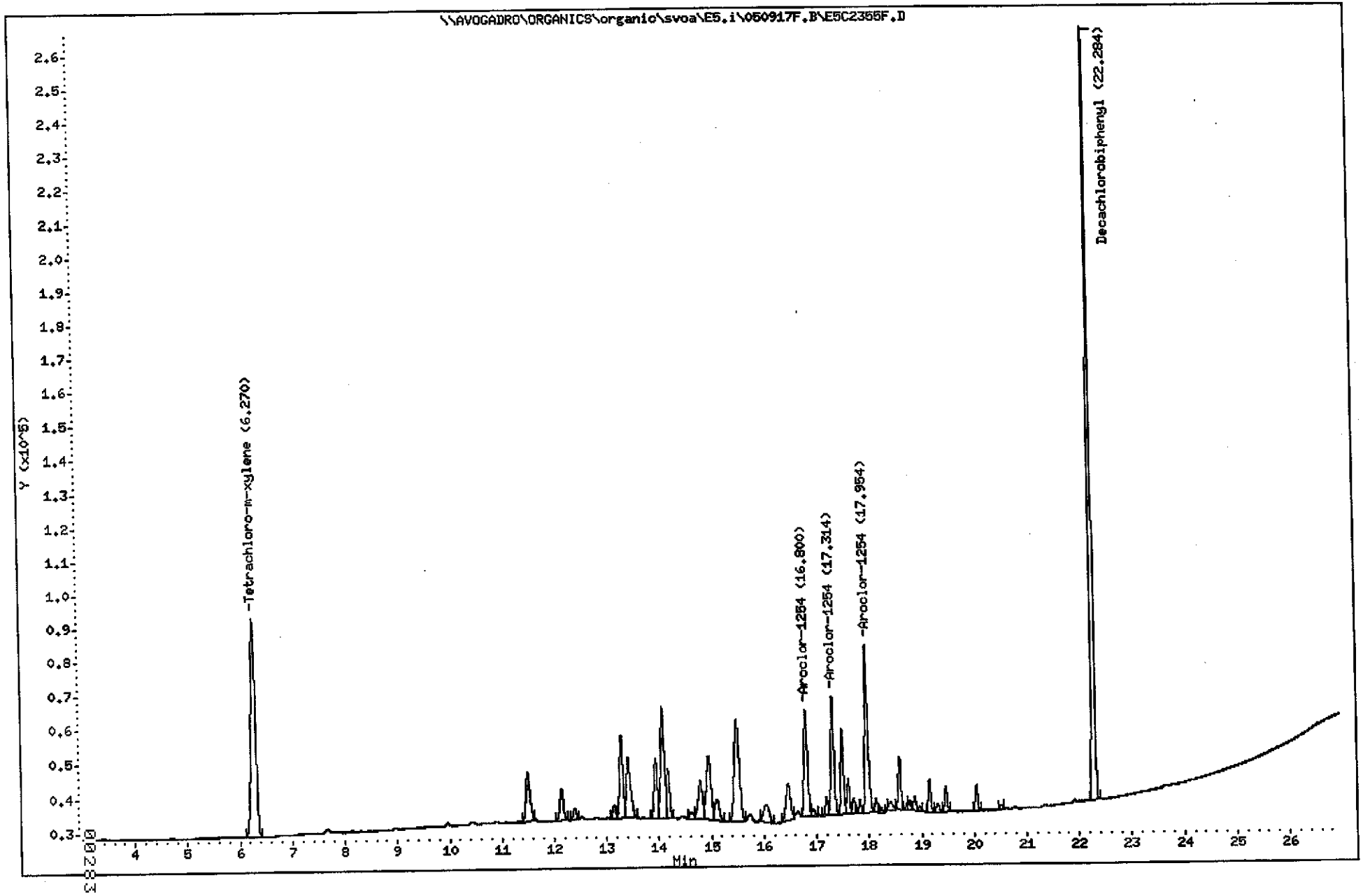
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2355F.D
Date : 17-SEP-2005 17:44
Client ID: AR1254A1
Sample Info: AR1254A1,AR1254A1,,ar1254.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

Instrument: E5.i

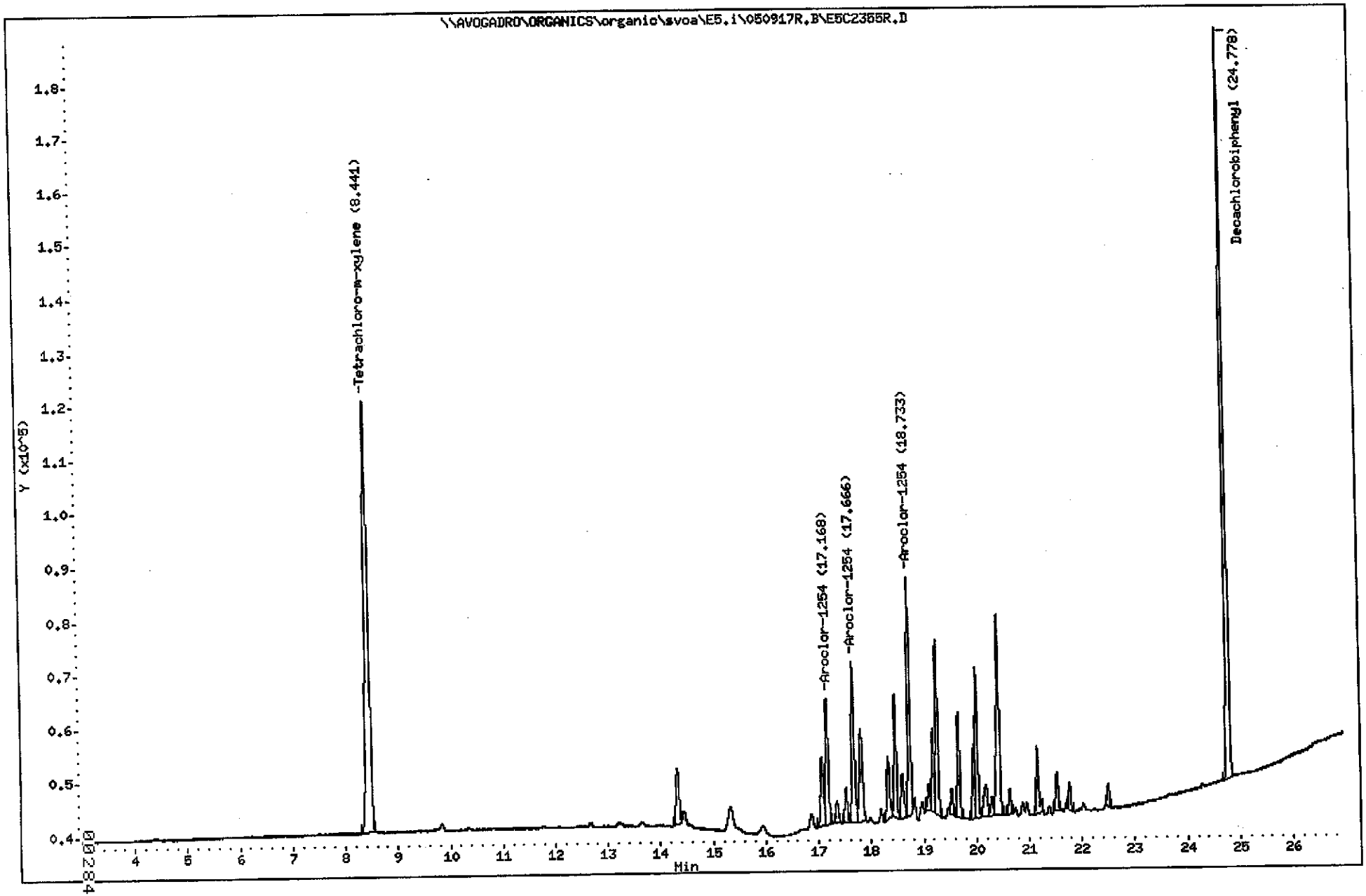
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2355R.D
Date : 17-SEP-2005 17:44
Client ID: AR1254A1
Sample Info: AR1254A1,AR1254A1,,ar1254.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2355F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2355F.D
Lab Smp Id: AR1254A1 Client Smp ID: AR1254A1
Inj Date : 17-SEP-2005 17:44
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1254A1,AR1254A1,,ar1254.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	392202	0.00500	0.019		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	722143	0.01000	0.019		(a)
28 Aroclor-1254					CAS #: 11097-69-1		
16.8	16.8	0.000	146963	0.10000	0.10	80.00- 120.00	100.00 (a)
17.3	17.3	0.000	142316	0.10000	0.10	76.84- 116.84	96.84
18.0	18.0	0.000	200423	0.10000	0.10	116.38- 156.38	136.38
Average of Peak Amounts =					0.1		

L 19234

Data File: E5C2355F.D
Report Date: 20-Sep-2005 09:33

QC Flag Legend

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

09/23/05

Data File: E5C2355R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2355R.D
Lab Smp Id: AR1254A1 Client Smp ID: AR1254A1
Inj Date : 17-SEP-2005 17:44
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1254A1,AR1254A1,,ar1254.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.44	8.45	-0.010	404641	0.00500	0.019			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	434634	0.01000	0.020			(a)
29 Aroclor-1254					CAS #: 11097-69-1			
17.2	17.2	0.000	86752	0.10000	0.10	80.00- 120.00	100.00	(a)
17.7	17.7	0.000	103675	0.10000	0.10	99.51- 139.51	119.51	
18.7	18.7	0.000	136089	0.10000	0.10	136.87- 176.87	156.87	
		Average of Peak Amounts =			0.1			

9/23/05

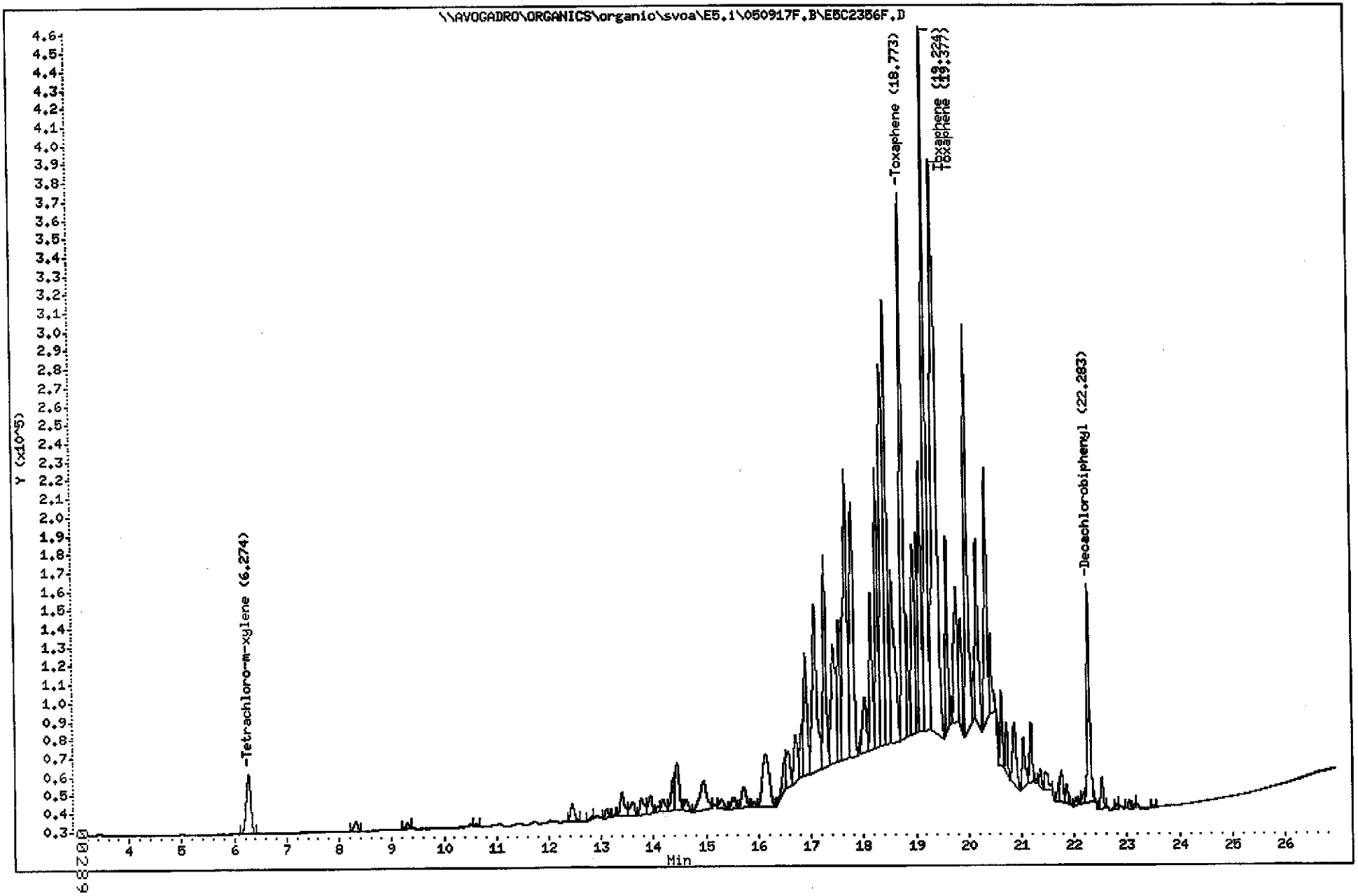
Data File: E5C2355R.D
Report Date: 20-Sep-2005 10:23

QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2356F.D
Date : 17-SEP-2005 18:15
Client ID: TOXAPHA1
Sample Info: TOXAPHA1,TOXAPHA1,,toxaph.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest

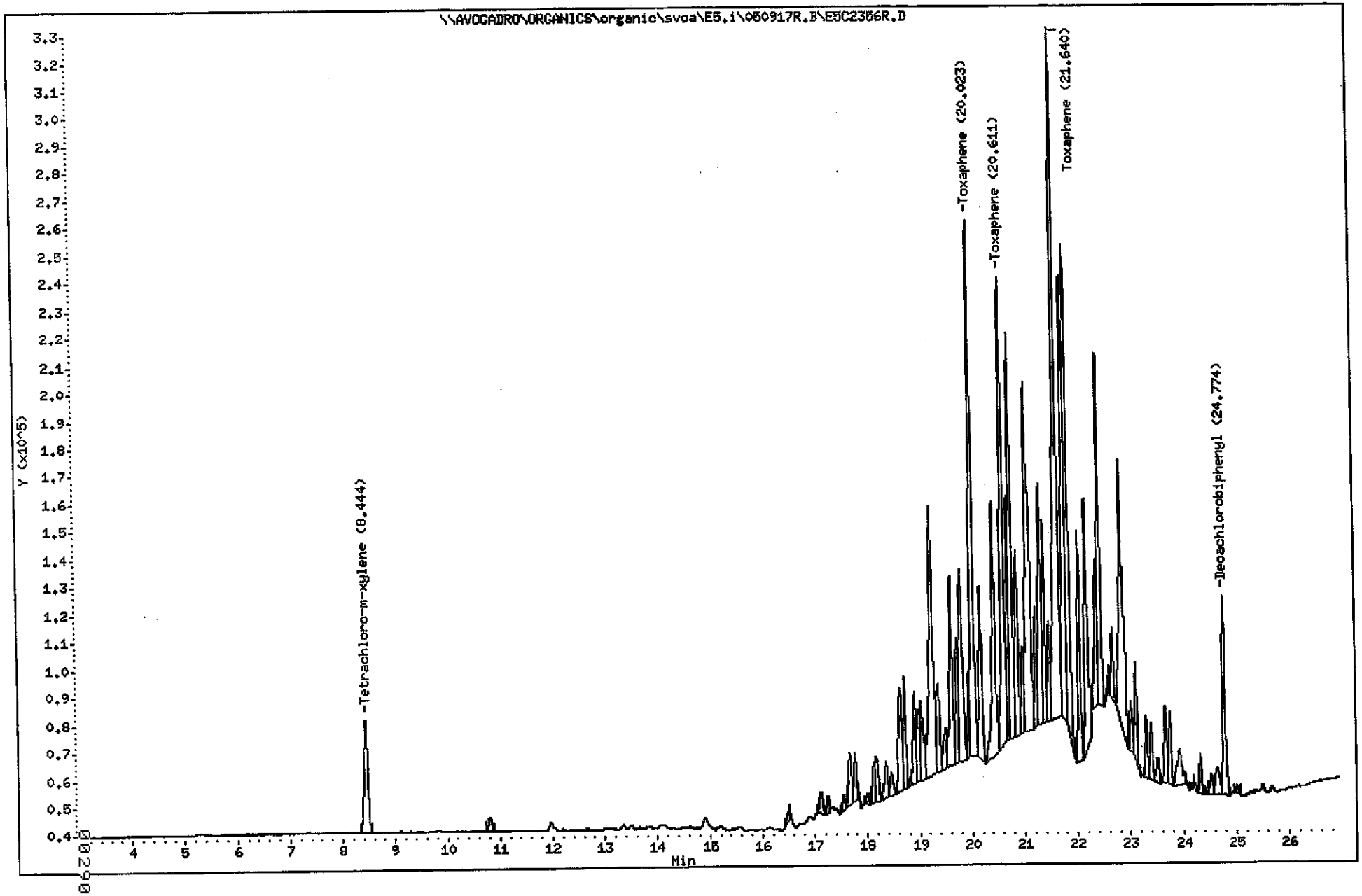
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2356R.D
Date : 17-SEP-2005 18:15
Client ID: TOXAPHA1
Sample Info: TOXAPHA1,TOXAPHA1,,toxaph.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2356F.D
Report Date: 20-Sep-2005 09:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2356F.D
Lab Smp Id: TOXAPHA1 Client Smp ID: TOXAPHA1
Inj Date : 17-SEP-2005 18:15
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : TOXAPHA1,TOXAPHA1,,toxaph.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:33 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	6.27	6.28	-0.010	194899	0.00500	0.0094		(a)
$	2 Decachlorobiphenyl					CAS #: 2051-24-3		
	22.3	22.3	0.000	405832	0.01000	0.011		(a)
	30 Toxaphene					CAS #: 8001-35-2		
	18.8	18.8	0.000	1077780	0.50000	0.50	80.00- 120.00	100.00(a)
	19.2	19.2	0.000	1389051	0.50000	0.50	108.88- 148.88	128.88
	19.4	19.4	0.000	1984229	0.50000	0.50	164.10- 204.10	184.10
			Average of Peak Amounts =			0.5		

.92 ok

Data File: E5C2356F.D
Report Date: 20-Sep-2005 09:33

QC Flag Legend

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

Data File: E5C2356R.D
Report Date: 20-Sep-2005 10:23

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2356R.D
Lab Smp Id: TOXAPHA1 Client Smp ID: TOXAPHA1
Inj Date : 17-SEP-2005 18:15
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : TOXAPHA1,TOXAPHA1,,toxaph.sub,,
Misc Info : 1,1,,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

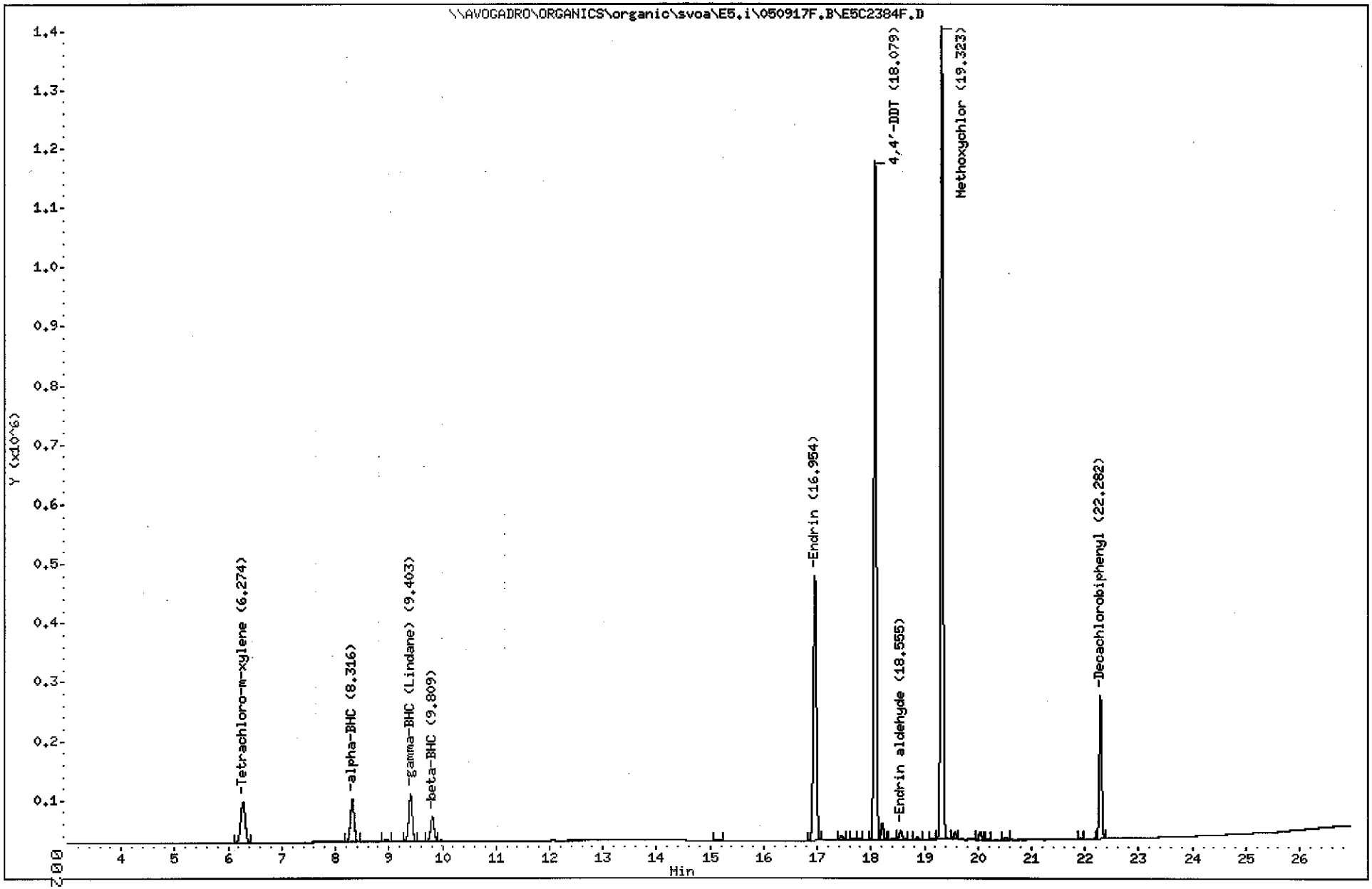
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.44	8.45	-0.010	203648	0.00500	0.0095			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	244256	0.01000	0.011			(a)
31 Toxaphene					CAS #: 8001-35-2			
20.0	20.0	0.000	747526	0.50000	0.50	80.00- 120.00	100.00	(a)
20.6	20.6	0.000	687879	0.50000	0.50	72.02- 112.02	92.02	
21.6	21.6	0.000	1186824	0.50000	0.50	138.77- 178.77	158.77	
Average of Peak Amounts =					0.5			

Data File: E5C2356R.D
Report Date: 20-Sep-2005 10:23

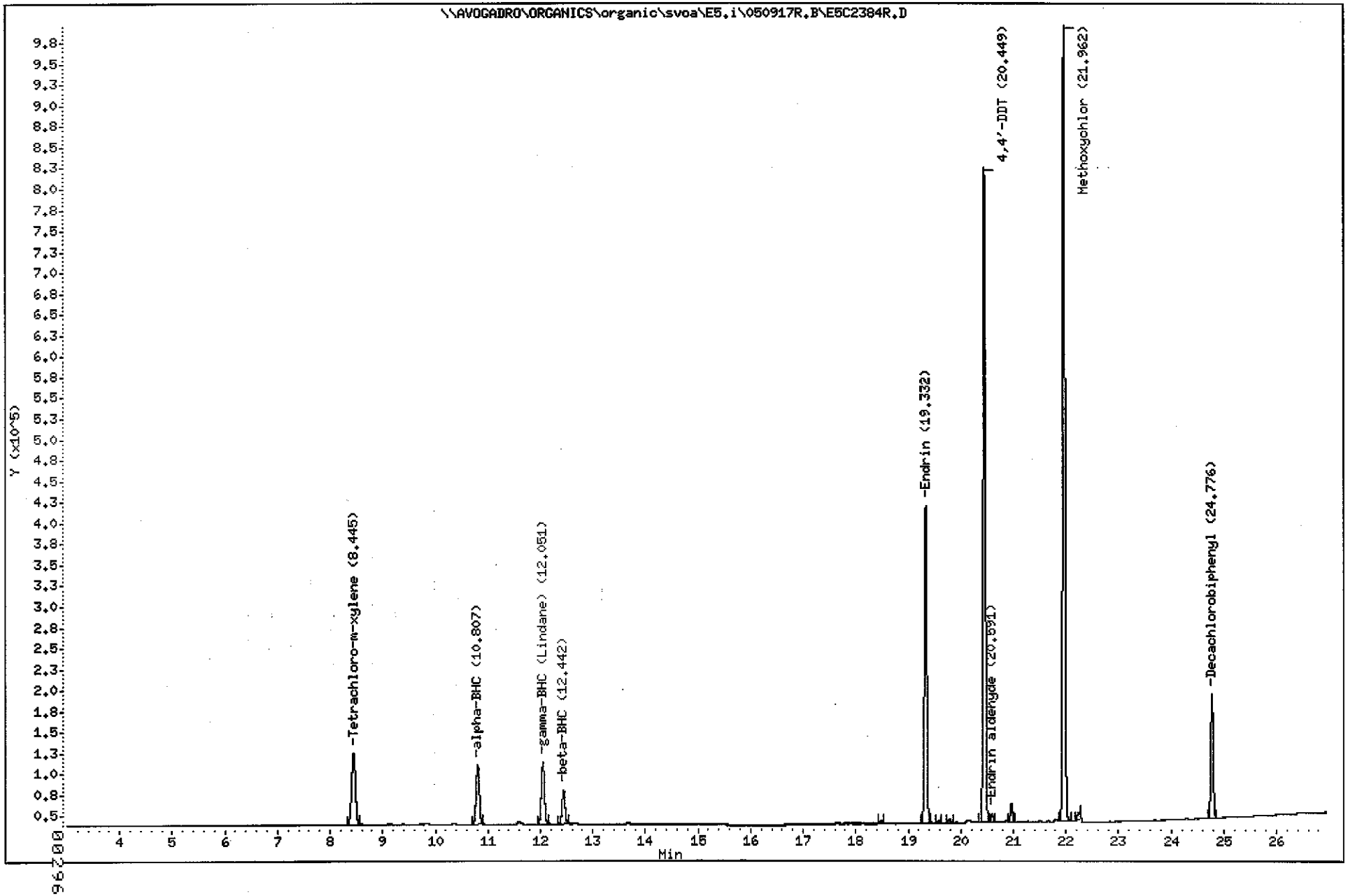
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2384F.D
Date : 20-SEP-2005 13:51
Client ID: PEMAB
Instrument: E5.i
Sample Info: PEMAB,PEMAB,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2384R.D
Date : 20-SEP-2005 13:51
Client ID: PEMAB
Instrument: E5.i
Sample Info: PEMAB,PEMAB,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2384F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2384F.D
Lab Smp Id: PEMAB Client Smp ID: PEMAB
Inj Date : 20-SEP-2005 13:51
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMAB,PEMAB,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	6.27	6.28	-0.010	414790	0.02001	0.020		
3	alpha-BHC					CAS #: 319-84-6		
	8.32	8.32	0.000	354059	0.00900	0.0090		
4	gamma-BHC (Lindane)					CAS #: 58-89-9		
	9.40	9.40	0.000	371597	0.00937	0.0094		
7	beta-BHC					CAS #: 319-85-7		
	9.81	9.81	0.000	191358	0.01097	0.011		

9/27/05

Data File: E5C2384F.D
Report Date: 27-Sep-2005 14:25

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
15 Endrin						CAS #: 72-20-8	
17.0	17.0	0.000	1764201	0.05803	0.058		
18 4,4'-DDT						CAS #: 50-29-3	
18.1	18.1	0.000	3559312	0.10059	0.10		
19 Endrin aldehyde						CAS #: 7421-93-4	
18.6	18.5	0.100	60942	0.00221	0.0022		(a)
21 Methoxychlor						CAS #: 72-43-5	
19.3	19.3	0.000	4192799	0.23438	0.23		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	743544	0.02006	0.020		

QC Flag Legend

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

Data File: E5C2384R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2384R.D
Lab Smp Id: PEMAB Client Smp ID: PEMAB
Inj Date : 20-SEP-2005 13:51
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMAB,PEMAB,,pem.sub,pem.spk,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	427795	0.02005	0.020		
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	294678	0.00910	0.0091		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.1	12.1	0.000	293455	0.00962	0.0096		
8 beta-BHC					CAS #: 319-85-7		
12.4	12.4	0.000	153733	0.01112	0.011		

9/27/05r

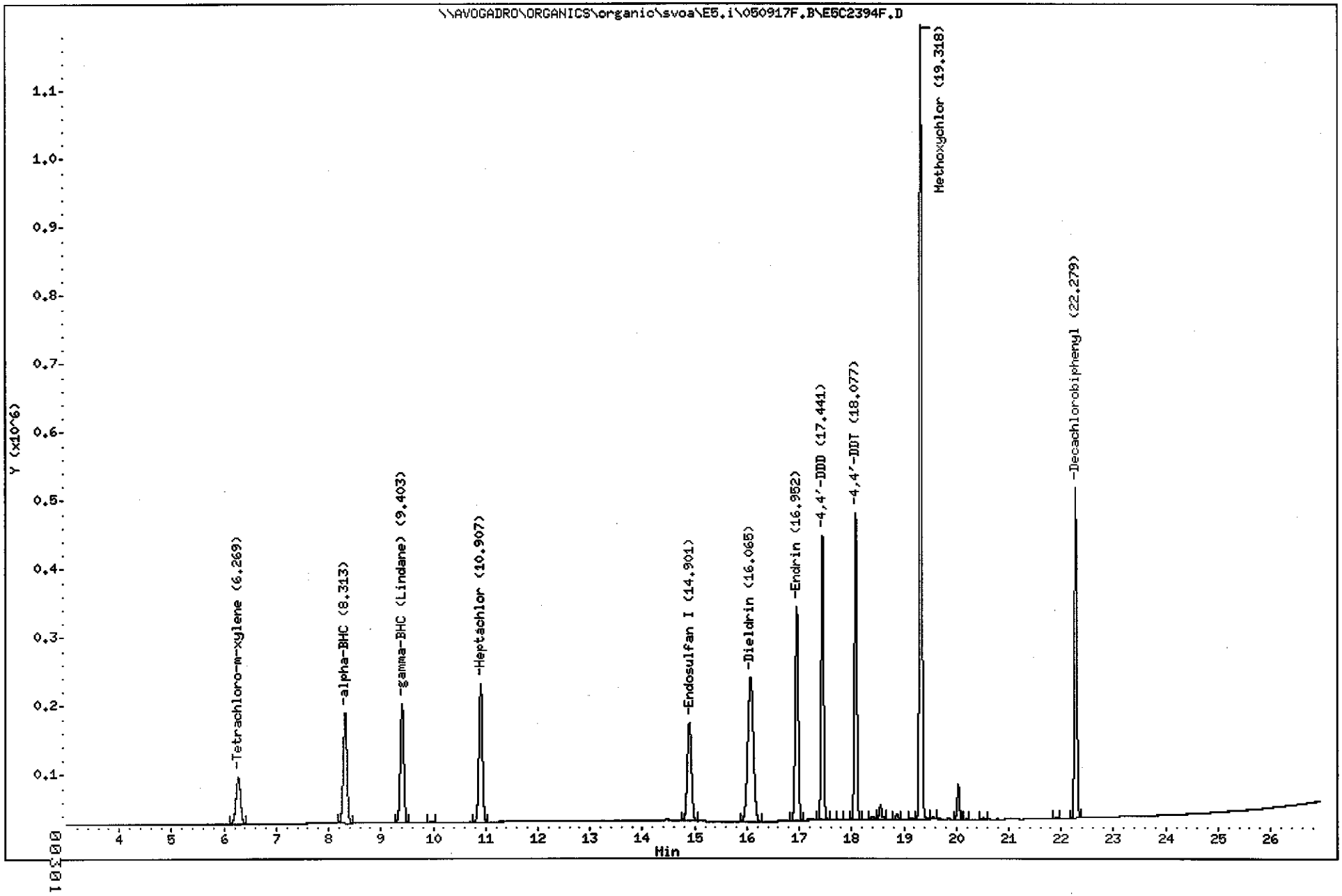
Data File: E5C2384R.D
Report Date: 27-Sep-2005 14:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
16 Endrin					CAS #: 72-20-8			
19.3	19.3	0.000	1123633	0.05710	0.057			
19 4,4'-DDT					CAS #: 50-29-3			
20.4	20.4	0.000	2246635	0.10136	0.10			
20 Endrin aldehyde					CAS #: 7421-93-4			
20.6	20.6	0.000	27873	0.00159	0.0016			(a)
22 Methoxychlor					CAS #: 72-43-5			
22.0	22.0	0.000	2749866	0.23495	0.23			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.8	24.8	0.000	450602	0.02027	0.020			

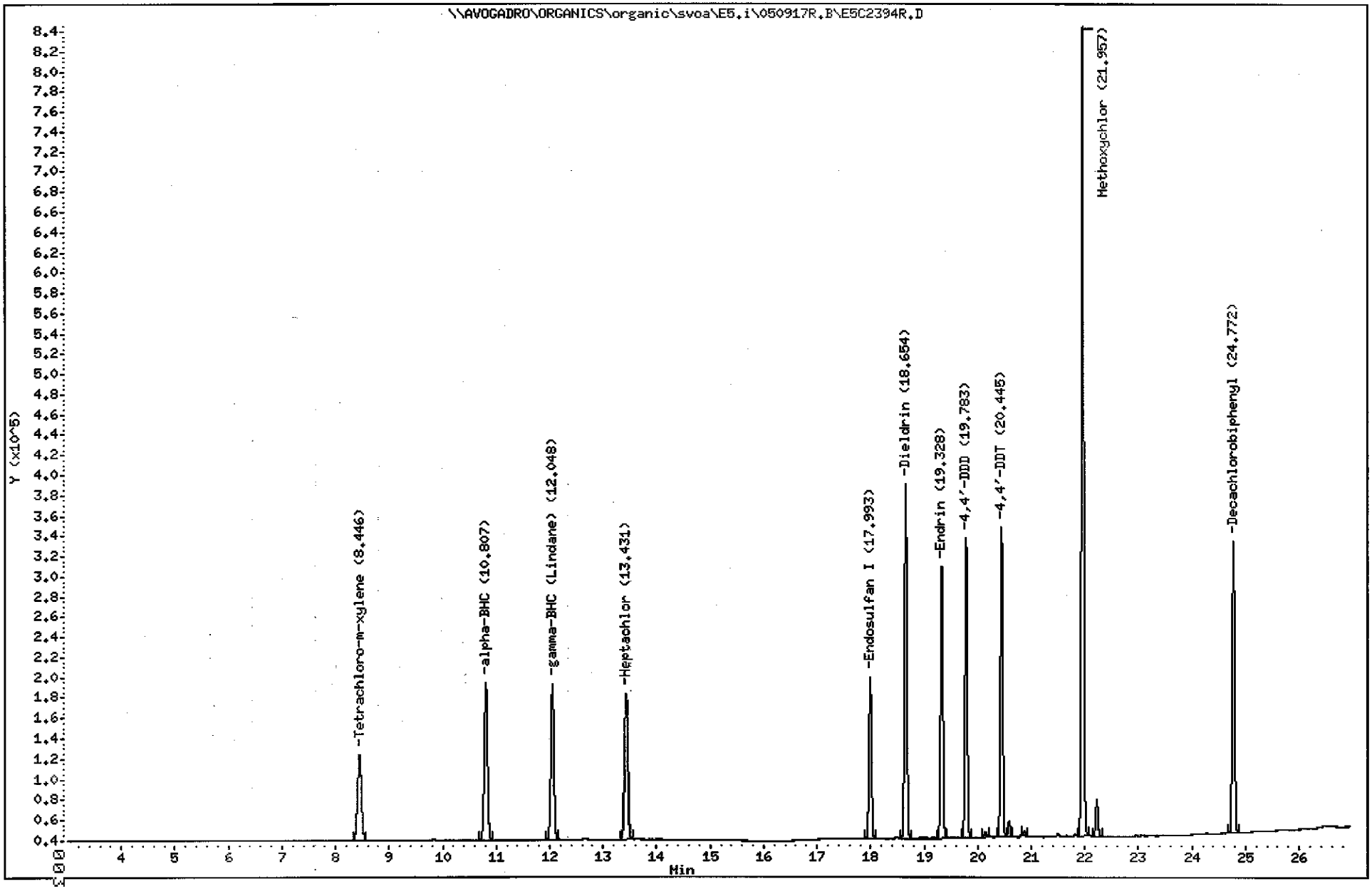
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2394F.D
Date : 20-SEP-2005 18:56
Client ID: INDAMAC
Instrument: E5.i
Sample Info: INDAMAC,INDAMAC,,inda,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2394R.D
Date : 20-SEP-2005 18:56
Client ID: INDAMAC
Instrument: E5.i
Sample Info: INDAMAC,INDAMAC,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2394F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2394F.D
Lab Smp Id: INDAMAC Client Smp ID: INDAMAC
Inj Date : 20-SEP-2005 18:56
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMAC,INDAMAC,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	413273	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
8.31	8.32	-0.010	784825	0.02000	0.020		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
9.40	9.40	0.000	793833	0.02000	0.020		(a)
5 Heptachlor					CAS #: 76-44-8		
10.9	10.9	0.000	927302	0.02000	0.020		(a)

9/27/sm

Data File: E5C2394F.D
Report Date: 27-Sep-2005 14:25

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
10 Endosulfan I						CAS #: 959-98-8	
14.9	14.9	0.000	792293	0.02000	0.020		(a)
14 Dieldrin						CAS #: 60-57-1	
16.1	16.1	0.000	1570616	0.04000	0.039		(a)
15 Endrin						CAS #: 72-20-8	
17.0	17.0	0.000	1231303	0.04000	0.040		(a)
16 4,4'-DDD						CAS #: 72-54-8	
17.4	17.4	0.000	1317759	0.04000	0.039		(a)
18 4,4'-DDT						CAS #: 50-29-3	
18.1	18.1	0.000	1394614	0.04000	0.039		(a)
21 Methoxychlor						CAS #: 72-43-5	
19.3	19.3	0.000	3557435	0.20000	0.20		(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	1463866	0.04000	0.040		(a)

QC Flag Legend

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

Data File: E5C2394R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2394R.D
Lab Smp Id: INDAMAC Client Smp ID: INDAMAC
Inj Date : 20-SEP-2005 18:56
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMAC,INDAMAC,,inda.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	423584	0.02000	0.020		(a)
4 alpha-BHC					CAS #: 319-84-6		
10.8	10.8	0.000	637910	0.02000	0.020		(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.0	12.1	-0.100	600168	0.02000	0.020		(a)
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	602286	0.02000	0.020		(a)

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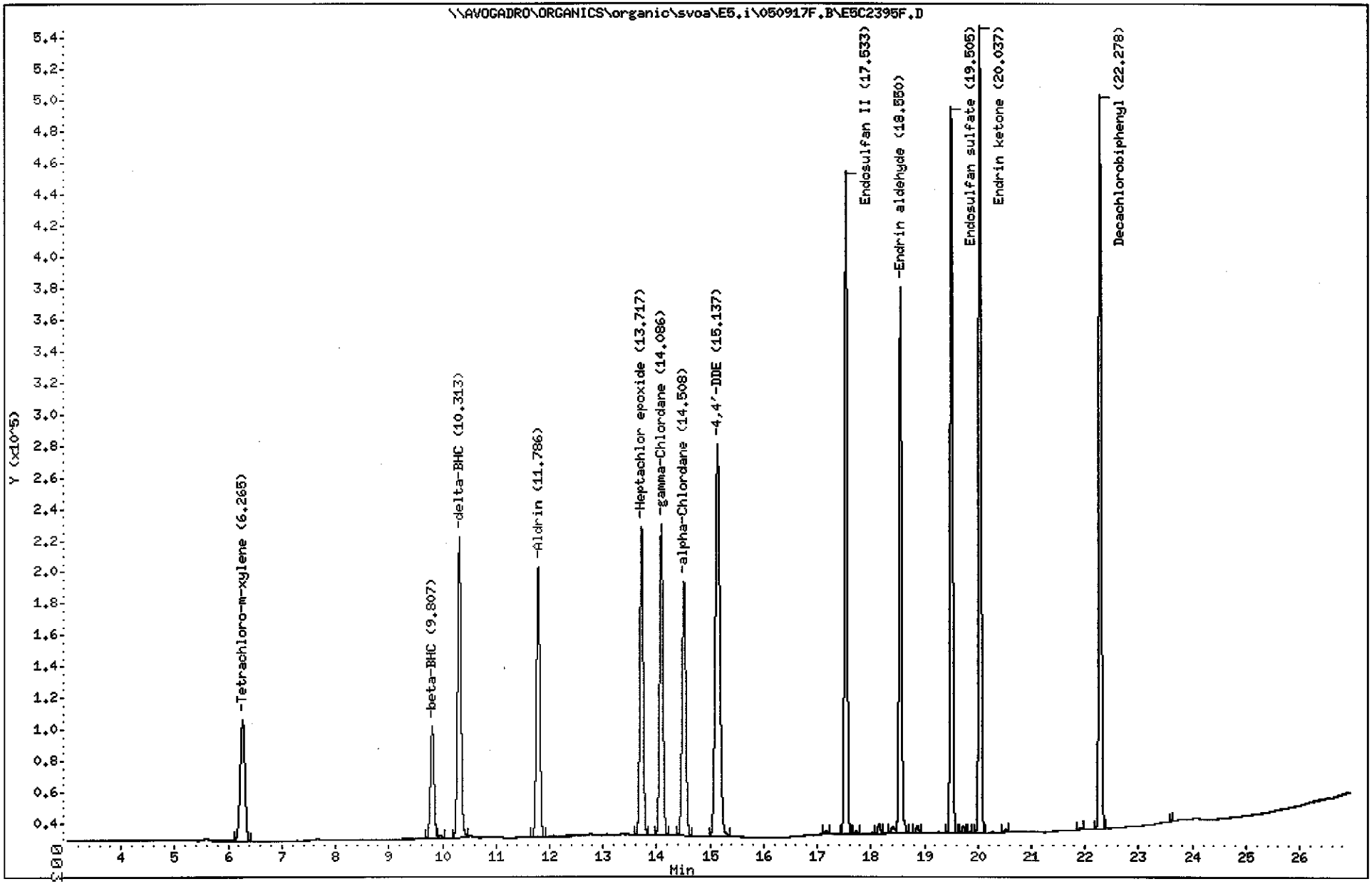
Data File: E5C2394R.D
Report Date: 27-Sep-2005 14:26

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
11 Endosulfan I						CAS #: 959-98-8	
18.0	18.0	0.000	513503	0.02000	0.020		(a)
15 Dieldrin						CAS #: 60-57-1	
18.7	18.7	0.000	1062679	0.04000	0.039		(a)
16 Endrin						CAS #: 72-20-8	
19.3	19.3	0.000	799643	0.04000	0.041		(a)
17 4,4'-DDD						CAS #: 72-54-8	
19.8	19.8	0.000	838623	0.04000	0.039		(a)
19 4,4'-DDT						CAS #: 50-29-3	
20.4	20.4	0.000	876754	0.04000	0.040		(a)
22 Methoxychlor						CAS #: 72-43-5	
22.0	22.0	0.000	2329069	0.20000	0.20		(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	885362	0.04000	0.040		(a)

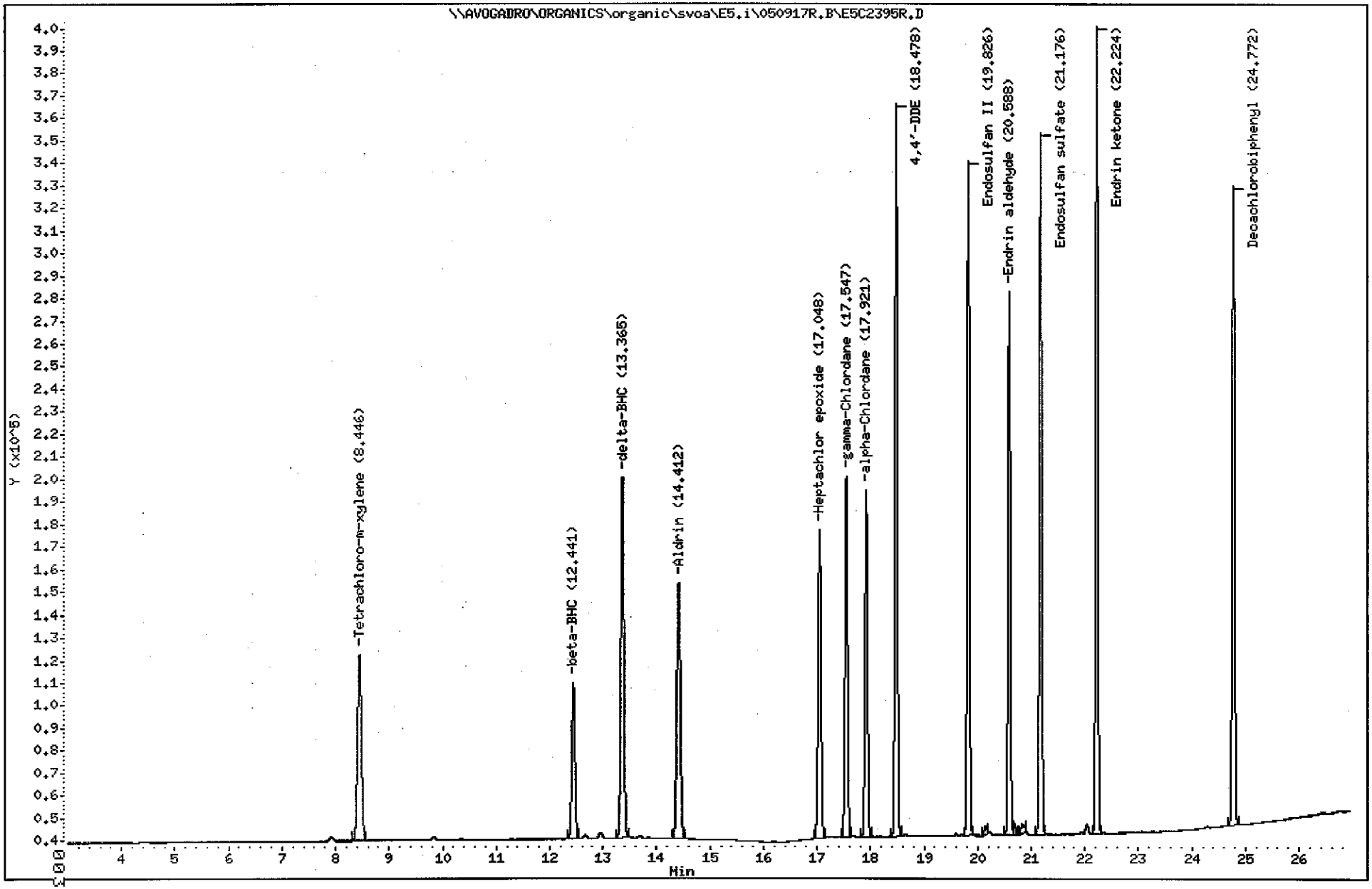
QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2395F.D
Date : 20-SEP-2005 19:27
Client ID: INDBMAC
Instrument: E5.i
Sample Info: INDBMAC,INDBMAC,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2395R.D
Date : 20-SEP-2005 19:27
Client ID: INDBMAC
Instrument: E5.i
Sample Info: INDBMAC,INDBMAC,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2395F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2395F.D
Lab Smp Id: INDBMAC Client Smp ID: INDBMAC
Inj Date : 20-SEP-2005 19:27
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMAC,INDBMAC,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
6.27	6.28	-0.010	470992	0.02000	0.023			(a)
6 Aldrin						CAS #: 309-00-2		
11.8	11.8	0.000	761094	0.02000	0.019			(a)
7 beta-BHC						CAS #: 319-85-7		
9.81	9.81	0.000	338167	0.02000	0.019			(a)
8 delta-BHC						CAS #: 319-86-8		
10.3	10.3	0.000	843397	0.02000	0.020			(a)

9/27/05

Data File: E5C2395F.D
Report Date: 27-Sep-2005 14:25

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.7	13.7	0.000	817044	0.02000	0.020		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
14.1	14.1	0.000	834424	0.02000	0.020		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
14.5	14.5	0.000	766797	0.02000	0.020		(a)
13 4,4'-DDE					CAS #: 72-55-9		
15.1	15.1	0.000	1448866	0.04000	0.039		(a)
17 Endosulfan II					CAS #: 33213-65-9		
17.5	17.5	0.000	1362179	0.04000	0.040		(a)
19 Endrin aldehyde					CAS #: 7421-93-4		
18.6	18.5	0.100	1095814	0.04000	0.040		(a)
20 Endosulfan sulfate					CAS #: 1031-07-8		
19.5	19.5	0.000	1400179	0.04000	0.040		(a)
22 Endrin ketone					CAS #: 53494-70-5		
20.0	20.0	0.000	1538682	0.04000	0.039		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	1432761	0.04000	0.039		(a)

QC Flag Legend

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

Data File: E5C2395R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2395R.D
Lab Smp Id: INDBMAC Client Smp ID: INDBMAC
Inj Date : 20-SEP-2005 19:27
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMAC,INDBMAC,,indb.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	416689	0.02000	0.020		(a)
7 Aldrin					CAS #: 309-00-2		
14.4	14.4	0.000	506384	0.02000	0.020		(a)
8 beta-BHC					CAS #: 319-85-7		
12.4	12.4	0.000	273470	0.02000	0.020		(a)
9 delta-BHC					CAS #: 319-86-8		
13.4	13.4	0.000	596359	0.02000	0.020		(a)

9/27/05r

Data File: E5C2395R.D
Report Date: 27-Sep-2005 14:26

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
10 Heptachlor epoxide						CAS #: 1024-57-3	
17.0	17.0	0.000	511312	0.02000	0.020		(a)
12 gamma-Chlordane						CAS #: 5103-74-2	
17.5	17.5	0.000	522879	0.02000	0.020		(a)
13 alpha-Chlordane						CAS #: 5103-71-9	
17.9	17.9	0.000	493574	0.02000	0.020		(a)
14 4,4'-DDE						CAS #: 72-55-9	
18.5	18.5	0.000	964474	0.04000	0.040		(a)
18 Endosulfan II						CAS #: 33213-65-9	
19.8	19.8	0.000	888970	0.04000	0.040		(a)
20 Endrin aldehyde						CAS #: 7421-93-4	
20.6	20.6	0.000	703427	0.04000	0.040		(a)
21 Endosulfan sulfate						CAS #: 1031-07-8	
21.2	21.2	0.000	904226	0.04000	0.040		(a)
23 Endrin ketone						CAS #: 53494-70-5	
22.2	22.2	0.000	1019627	0.04000	0.040		(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	861988	0.04000	0.039		(a)

QC Flag Legend

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK5R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: MB-19699

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2405F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) SEPF Date Extracted: 08/29/05

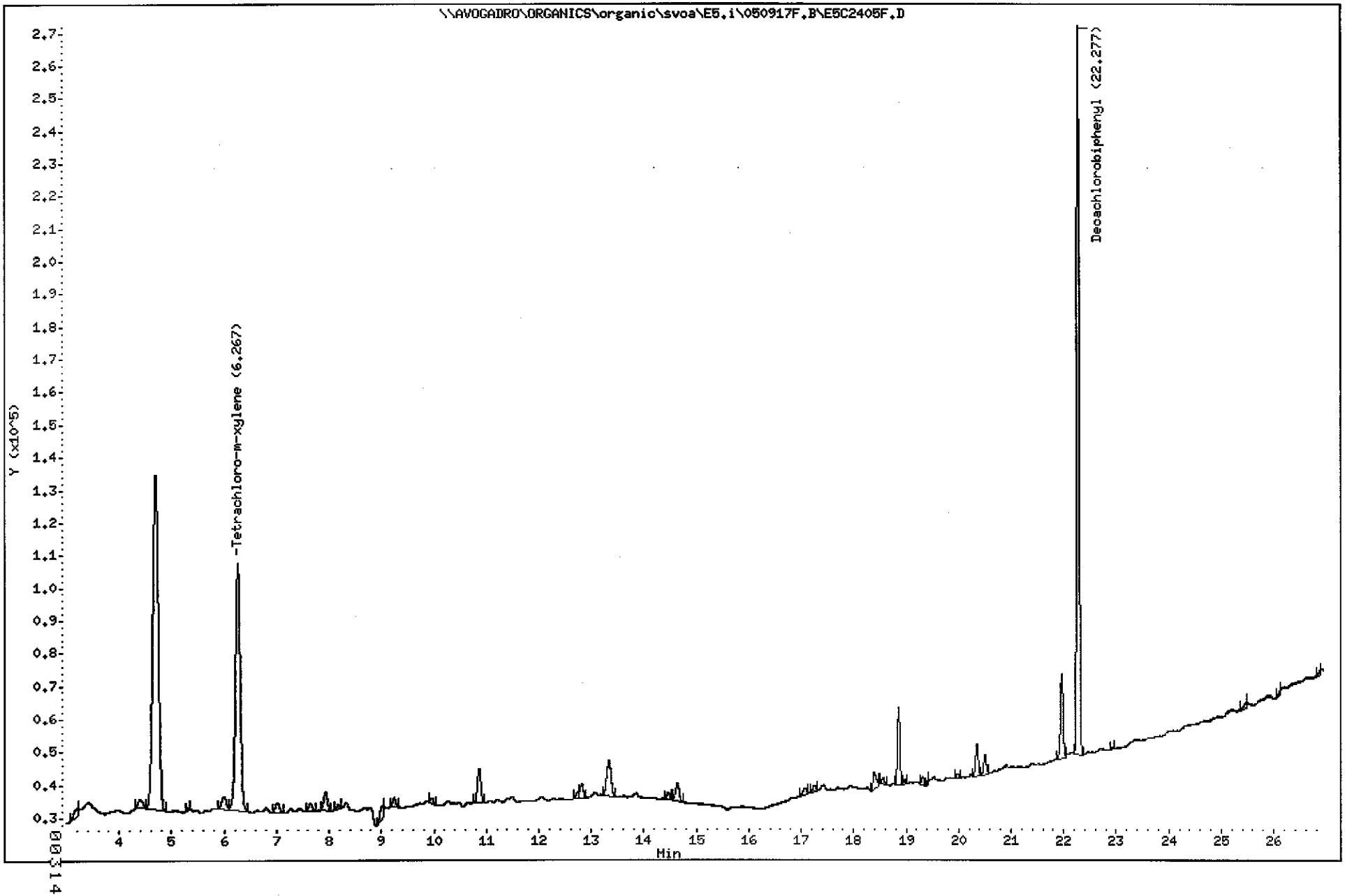
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

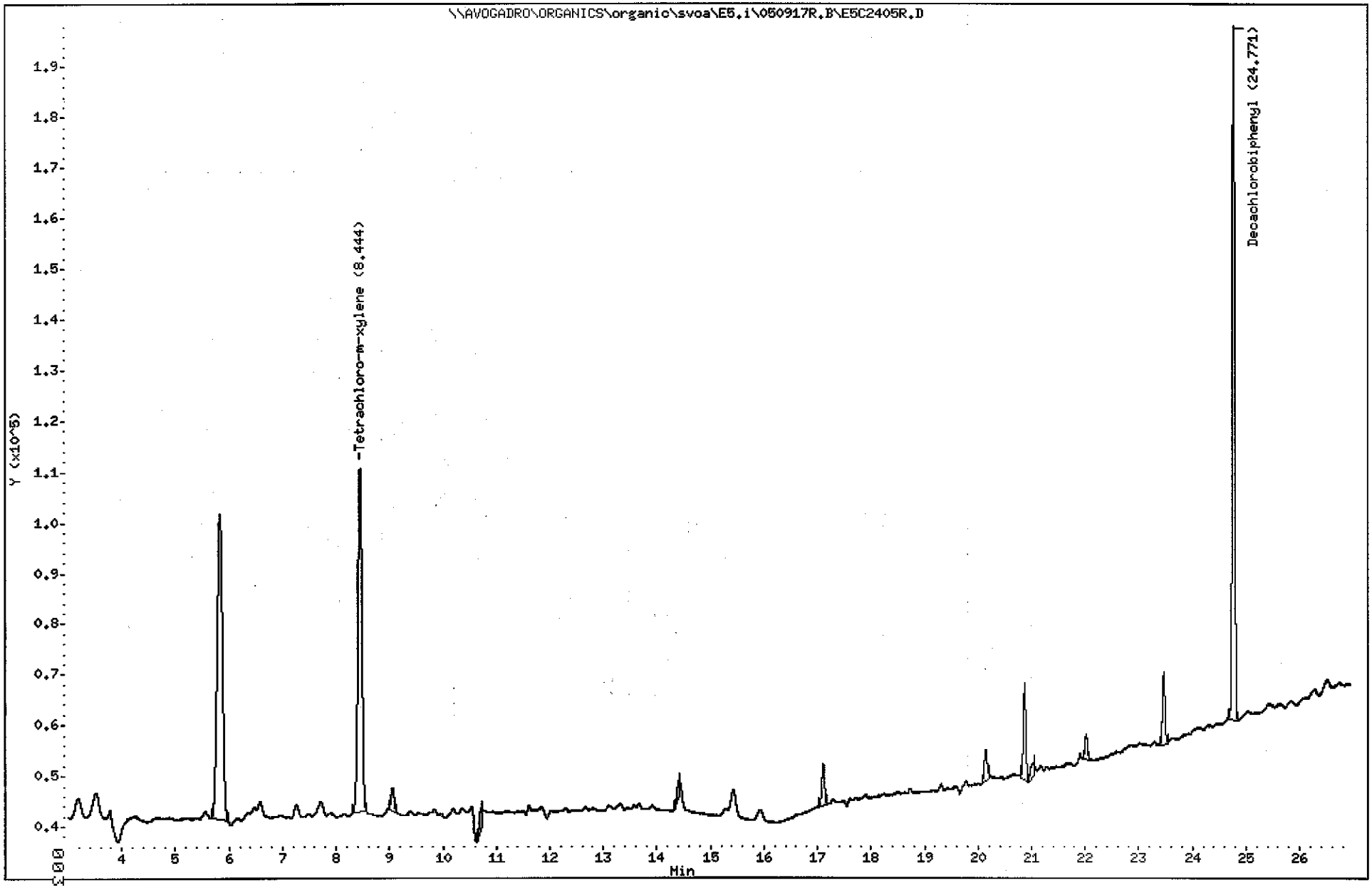
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2405F.D
Date : 21-SEP-2005 00:32
Client ID: PBLK5R
Instrument: E5.i
Sample Info: MB-19699,PBLK5R,19699,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2405R.D
Date : 21-SEP-2005 00:32
Client ID: PBLK5R
Instrument: E5.i
Sample Info: MB-19699,PBLK5R,19699,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2405F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2405F.D
Lab Smp Id: MB-19699 Client Smp ID: PBLK5R
Inj Date : 21-SEP-2005 00:32
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : MB-19699,PBLK5R,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 26 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	464002	0.02238	0.22		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	682676	0.01842	0.18		

9/27/05

Data File: E5C2405R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2405R.D
Lab Smp Id: MB-19699 Client Smp ID: PBLK5R
Inj Date : 21-SEP-2005 00:32
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : MB-19699,PBLK5R,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 26 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	347203	0.01628	0.16		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	416699	0.01875	0.19		

9/27 ker

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKA2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKA2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2363F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/17/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLKA2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKA2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2363R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

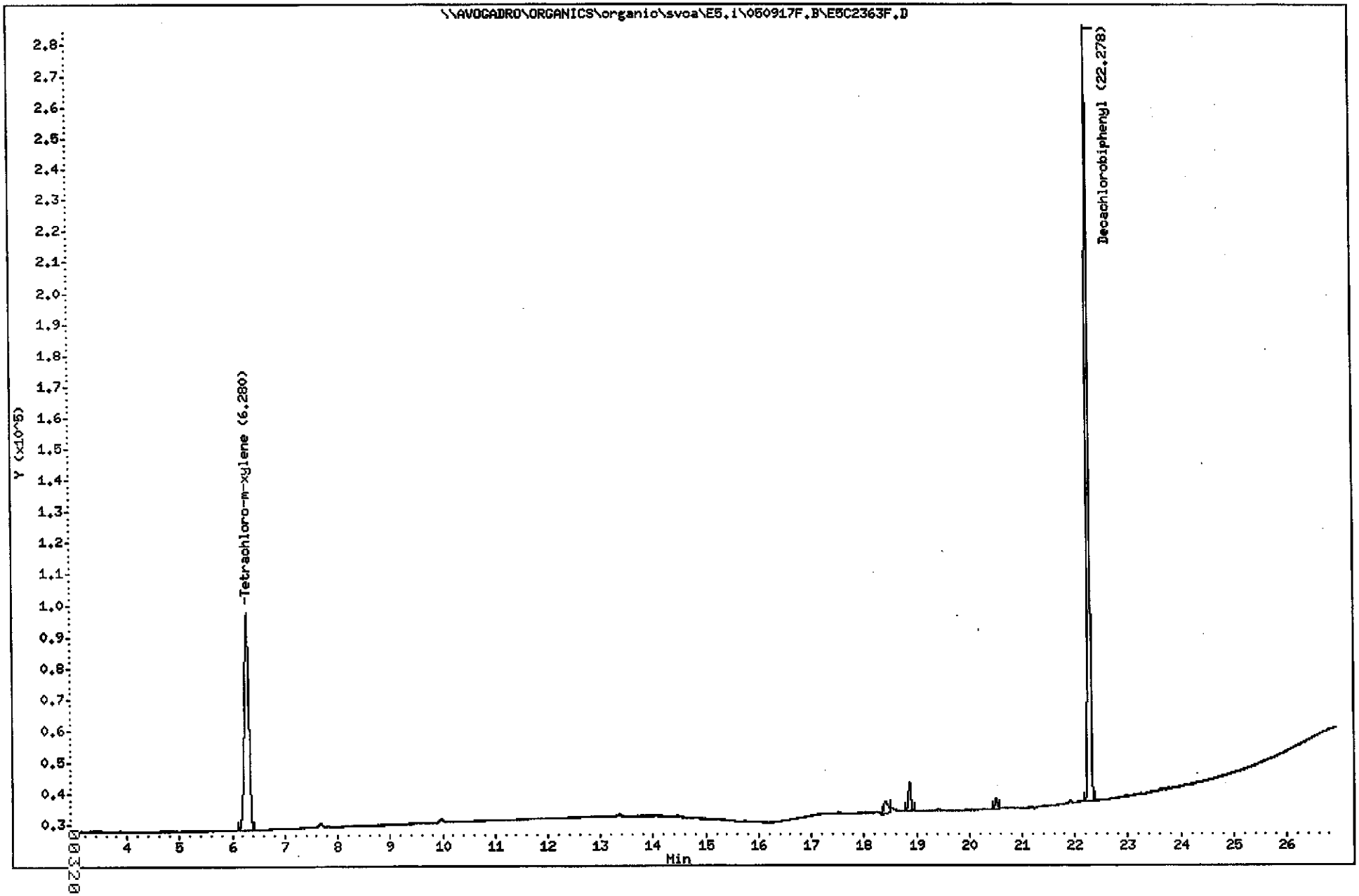
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/17/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

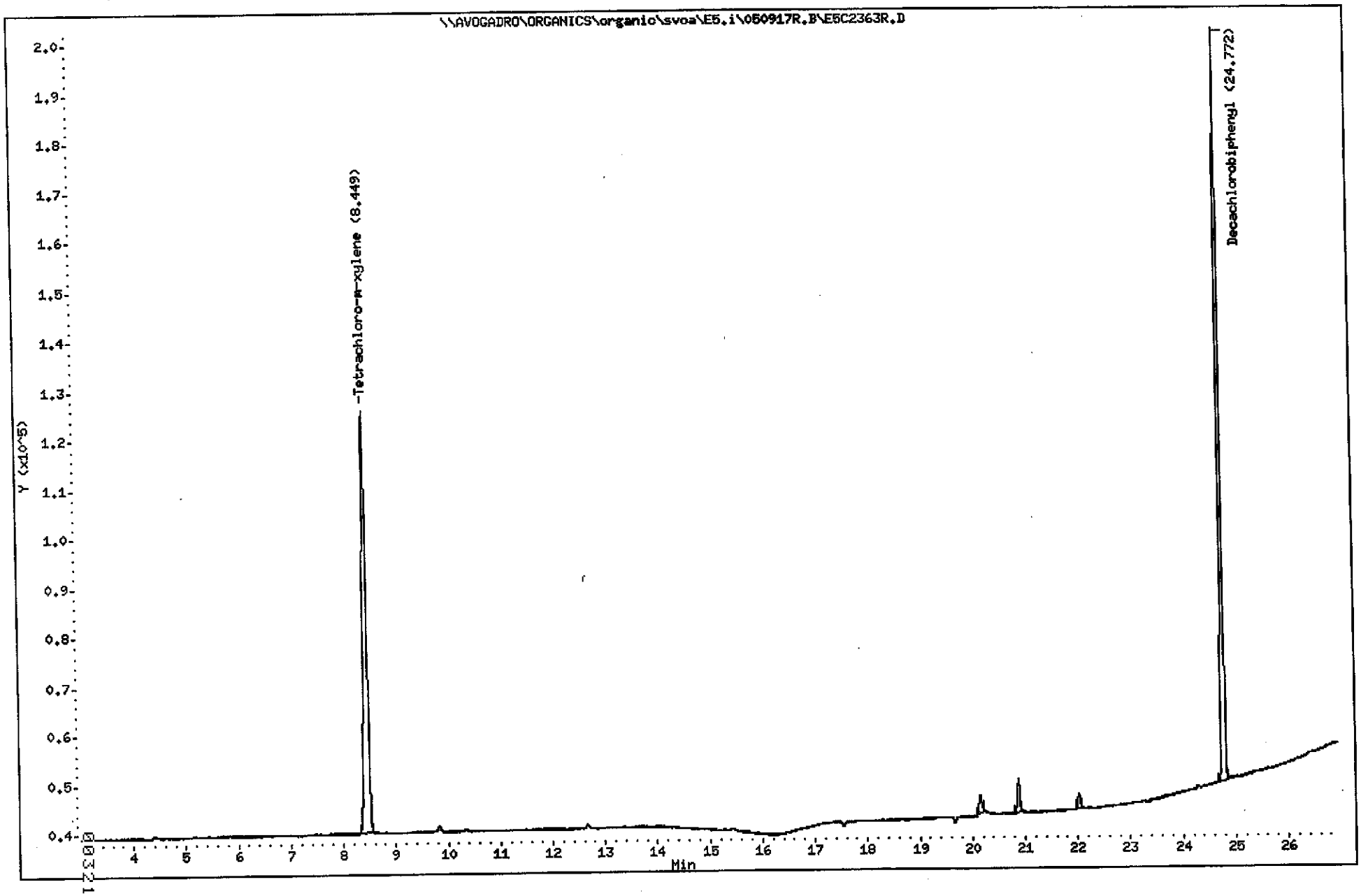
Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2363F.D
Date : 17-SEP-2005 21:48
Client ID: PIBLKA2
Instrument: E5.i
Sample Info: PIBLKA2,PIBLKA2,,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2363R.D
Date : 17-SEP-2005 21:48
Client ID: PIBLKA2
Sample Info: PIBLKA2,PIBLKA2,,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5C2363F.D
Report Date: 20-Sep-2005 09:34

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2363F.D
Lab Smp Id: PIBLKA2 Client Smp ID: PIBLKA2
Inj Date : 17-SEP-2005 21:48
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKA2,PIBLKA2,,clp.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 20-Sep-2005 09:34 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.28	6.28	0.000	418460	0.02018	0.20		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	771421	0.02082	0.21		

Data File: E5C2363R.D
Report Date: 20-Sep-2005 10:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2363R.D
Lab Smp Id: PIBLKA2 Client Smp ID: PIBLKA2
Inj Date : 17-SEP-2005 21:48
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKA2,PIBLKA2,,clp.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 20-Sep-2005 10:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	430188	0.02017	0.20		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	470418	0.02117	0.21		

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAB

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAB

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2383F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAB

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAB

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2383R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

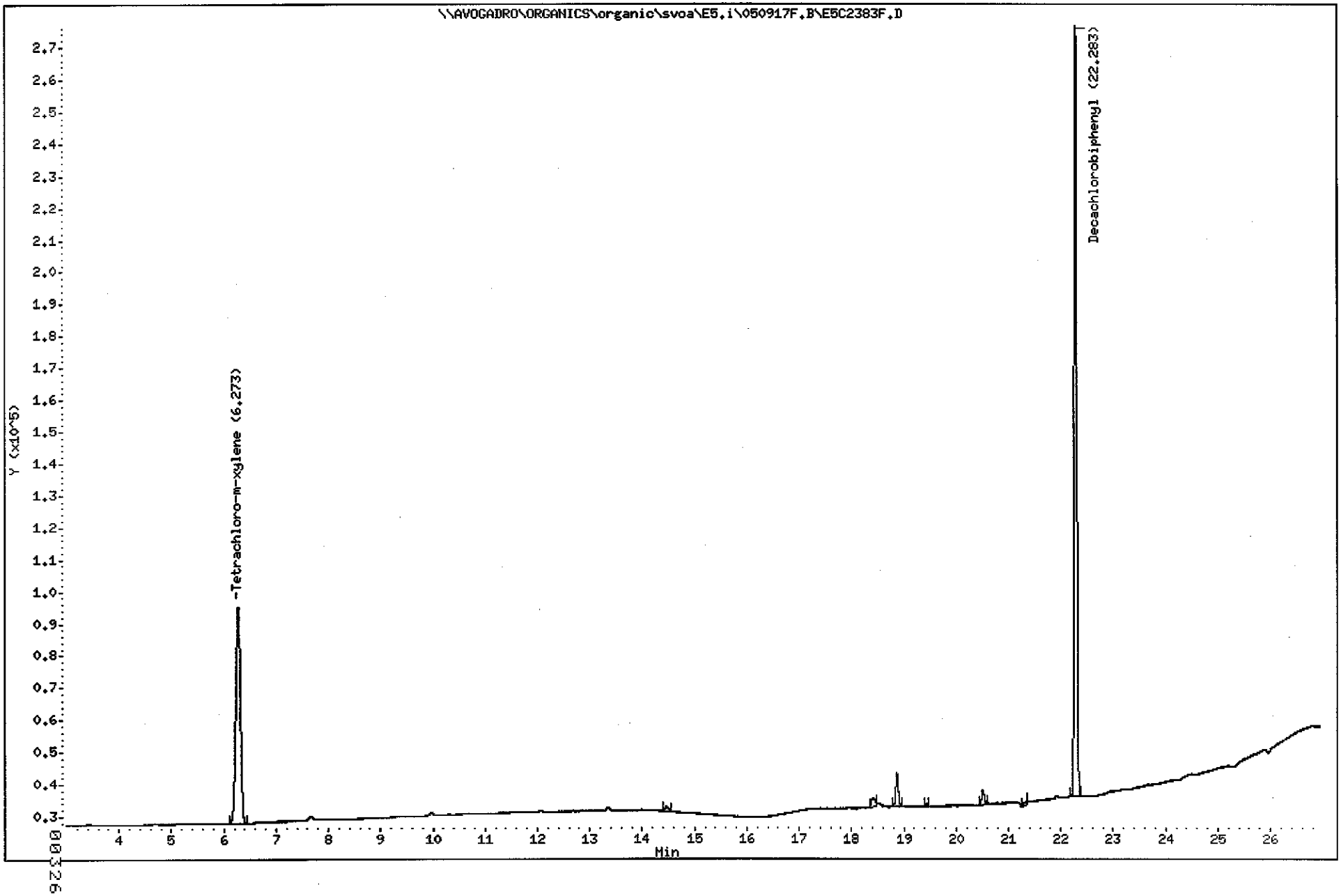
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

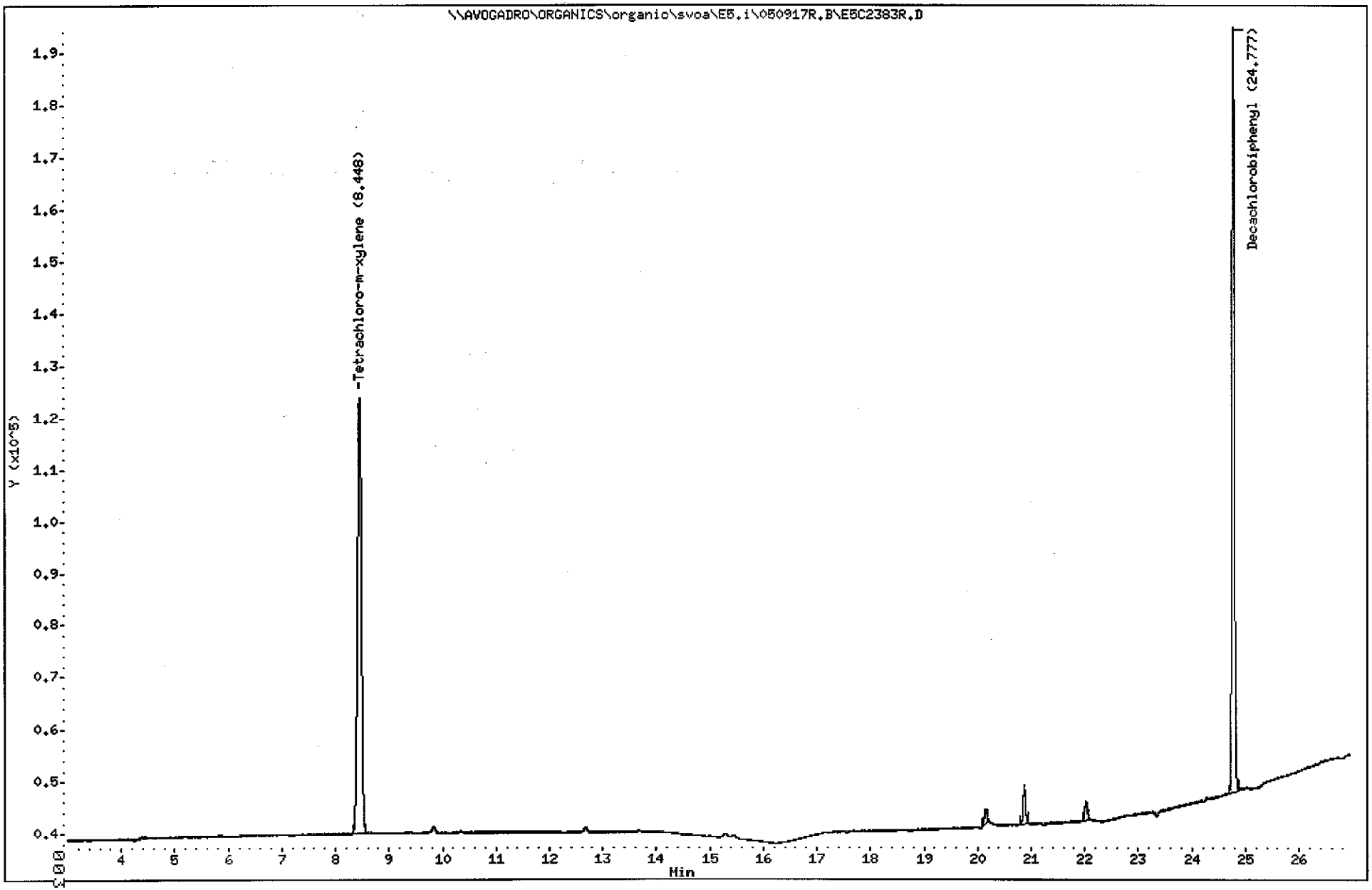
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2383F.D
Date : 20-SEP-2005 13:21
Client ID: PIBLKAB
Instrument: E5.i
Sample Info: PIBLKAB,PIBLKAB,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2383R.D
Date : 20-SEP-2005 13:21
Client ID: PIBLKAB
Instrument: E5.i
Sample Info: PIBLKAB,PIBLKAB,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2383F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2383F.D
Lab Smp Id: PIBLKAB Client Smp ID: PIBLKAB
Inj Date : 20-SEP-2005 13:21
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKAB,PIBLKAB,,clp.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.28	-0.010	410204	0.01979	0.20		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	745525	0.02012	0.20		

9/27/05r

Data File: E5C2383R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2383R.D
Lab Smp Id: PIBLKAB Client Smp ID: PIBLKAB
Inj Date : 20-SEP-2005 13:21
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKAB,PIBLKAB,,clp.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	8.45	8.45	0.000	423234	0.01984	0.20		
$	3 Decachlorobiphenyl					CAS #: 2051-24-3		
	24.8	24.8	0.000	452533	0.02036	0.20		

9/27/05r

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAC

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAC

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2393F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAC

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAC

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2393R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) _____ Date Extracted: _____

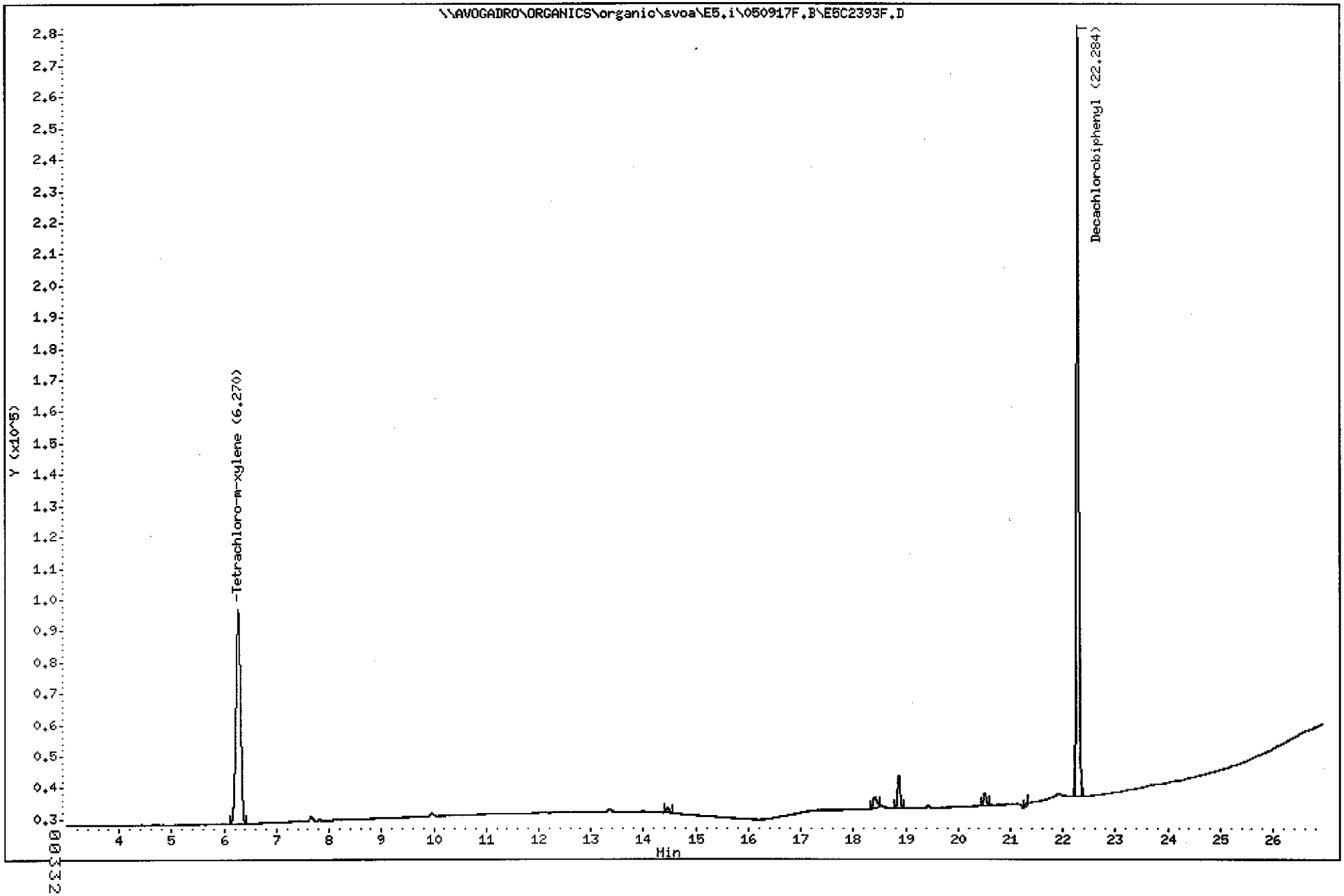
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/20/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

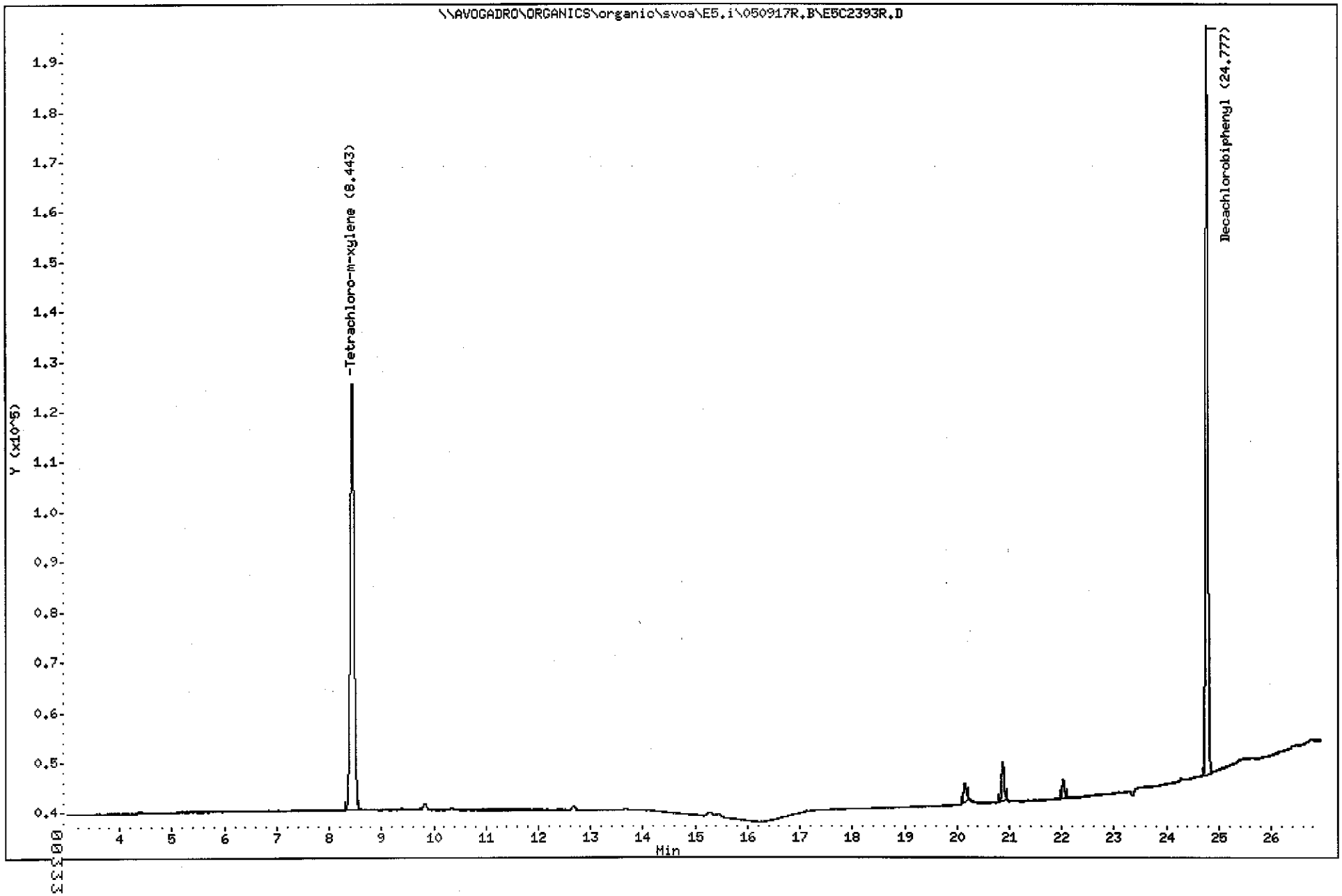
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2393F.D
Date : 20-SEP-2005 18:26
Client ID: PIBLKAC
Instrument: E5.i
Sample Info: PIBLKAC,PIBLKAC,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2393R.D
Date : 20-SEP-2005 18:26
Client ID: PIBLKAC
Instrument: E5.i
Sample Info: PIBLKAC,PIBLKAC,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2393F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2393F.D
Lab Smp Id: PIBLKAC Client Smp ID: PIBLKAC
Inj Date : 20-SEP-2005 18:26
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKAC,PIBLKAC,,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.27	6.28	-0.010	416400	0.02008	0.20		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
22.3	22.3	0.000	757514	0.02044	0.20		

9/27/05

Data File: E5C2393R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2393R.D
Lab Smp Id: PIBLKAC Client Smp ID: PIBLKAC
Inj Date : 20-SEP-2005 18:26
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKAC,PIBLKAC,,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.44	8.45	-0.010	428810	0.02010	0.20		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	460809	0.02073	0.21		

9/27/05 r

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2414F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) _____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKAD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: PIBLKAD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2414R

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) ____ Date Extracted: _____

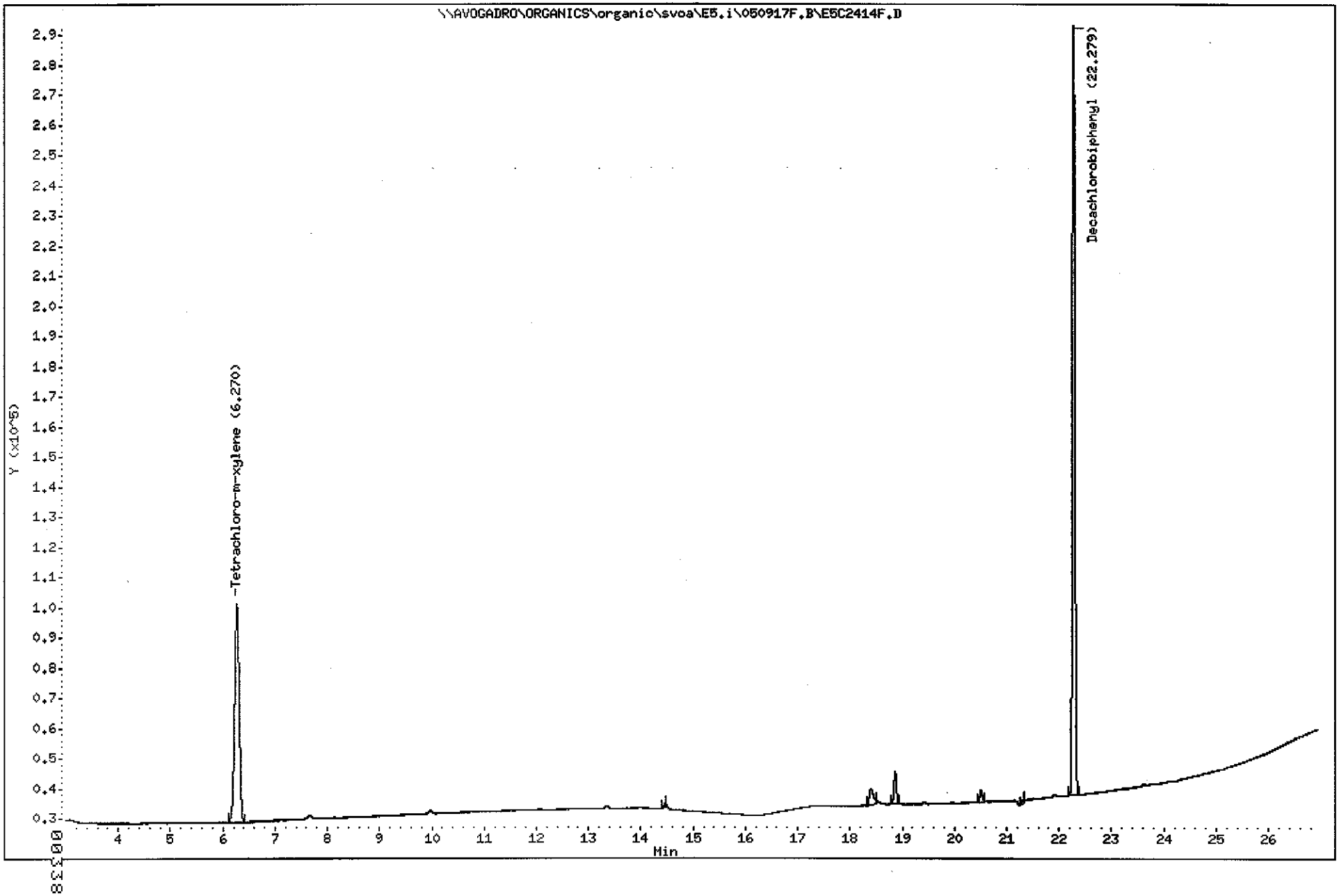
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

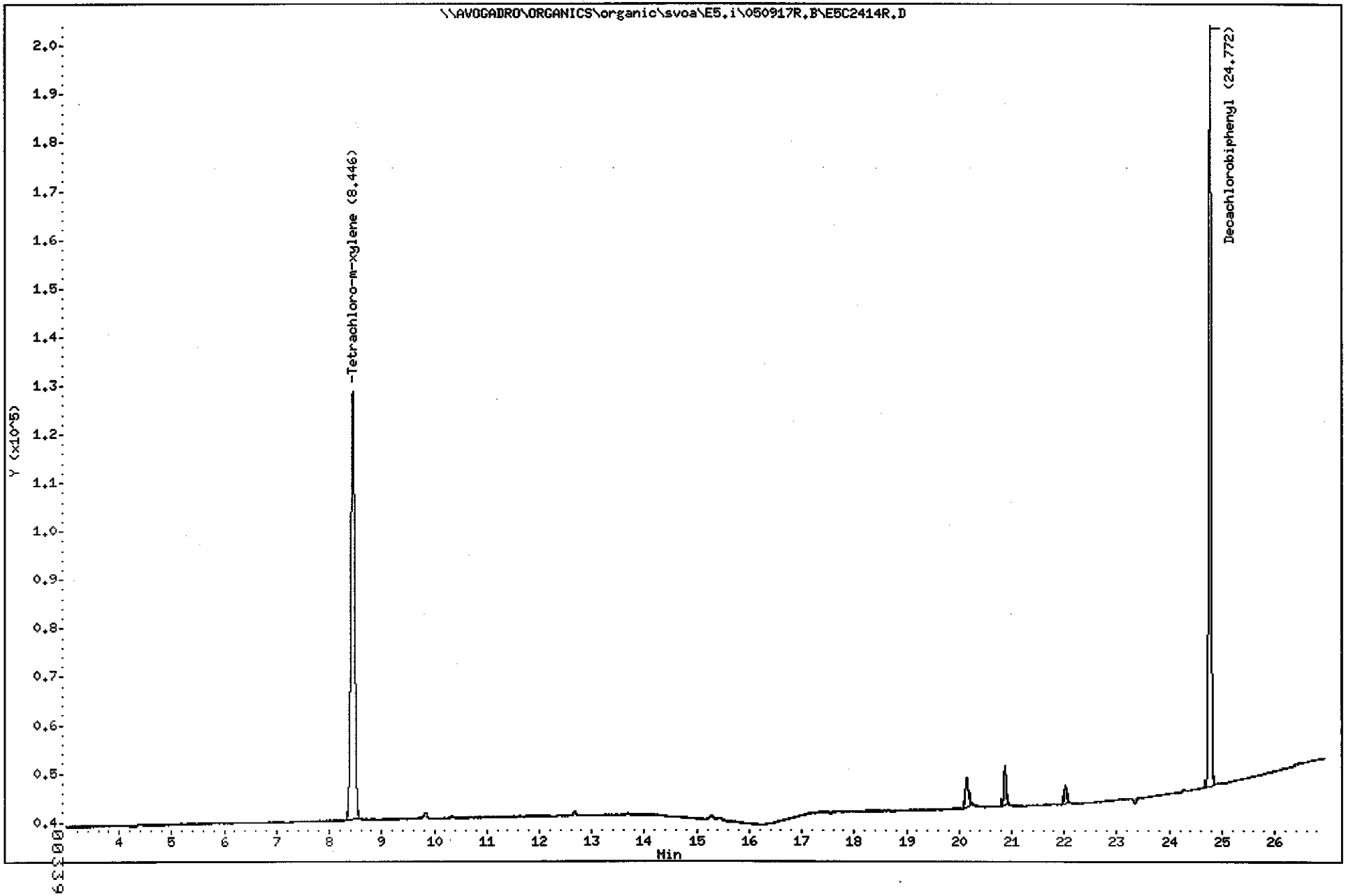
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2414F.D
Date : 21-SEP-2005 05:07
Client ID: PIBLKAD
Instrument: E5.i
Sample Info: PIBLKAD,PIBLKAD,,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2414R.D
Date : 21-SEP-2005 05:07
Client ID: PIBLKAD
Instrument: E5.i
Sample Info: PIBLKAD,PIBLKAD,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2414F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2414F.D
Lab Smp Id: PIBLKAD Client Smp ID: PIBLKAD
Inj Date : 21-SEP-2005 05:07
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKAD,PIBLKAD,,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.28	-0.010	436081	0.02103	0.21		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	792520	0.02139	0.21		

9/27/05

Data File: E5C2414R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2414R.D
Lab Smp Id: PIBLKAD Client Smp ID: PIBLKAD
Inj Date : 21-SEP-2005 05:07
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKAD,PIBLKAD,,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
8.45	8.45	0.000	442792	0.02076	0.21		
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.8	24.8	0.000	480213	0.02161	0.22		

9/27/kr

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P5RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MD1004

Matrix: (soil/water) WATER Lab Sample ID: LCS-19699

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5C2406F

% Moisture: _____ Decanted: (Y/N) ___ Date Received: _____

Extraction: (Type) SEPF Date Extracted: 08/29/05

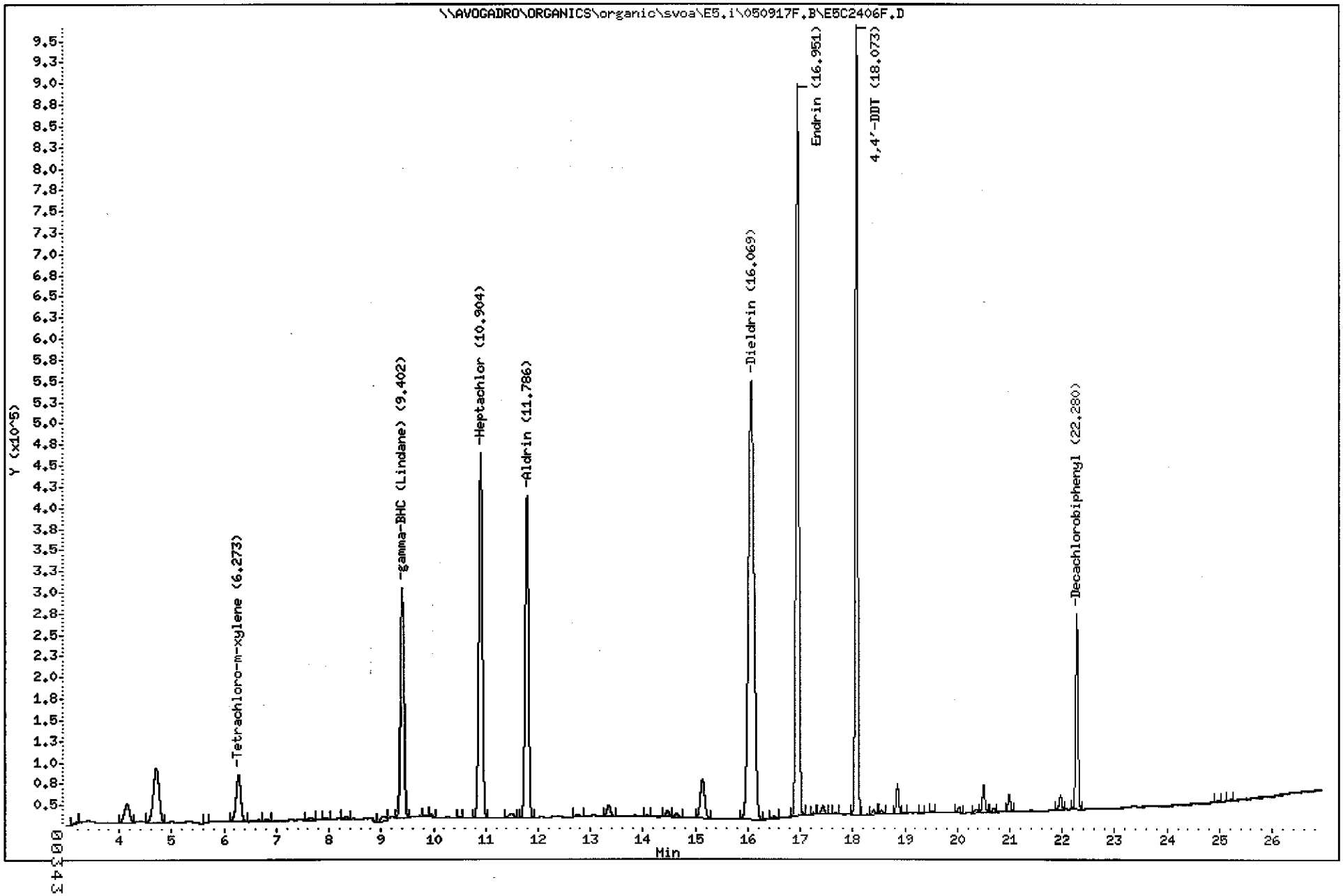
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/21/05

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

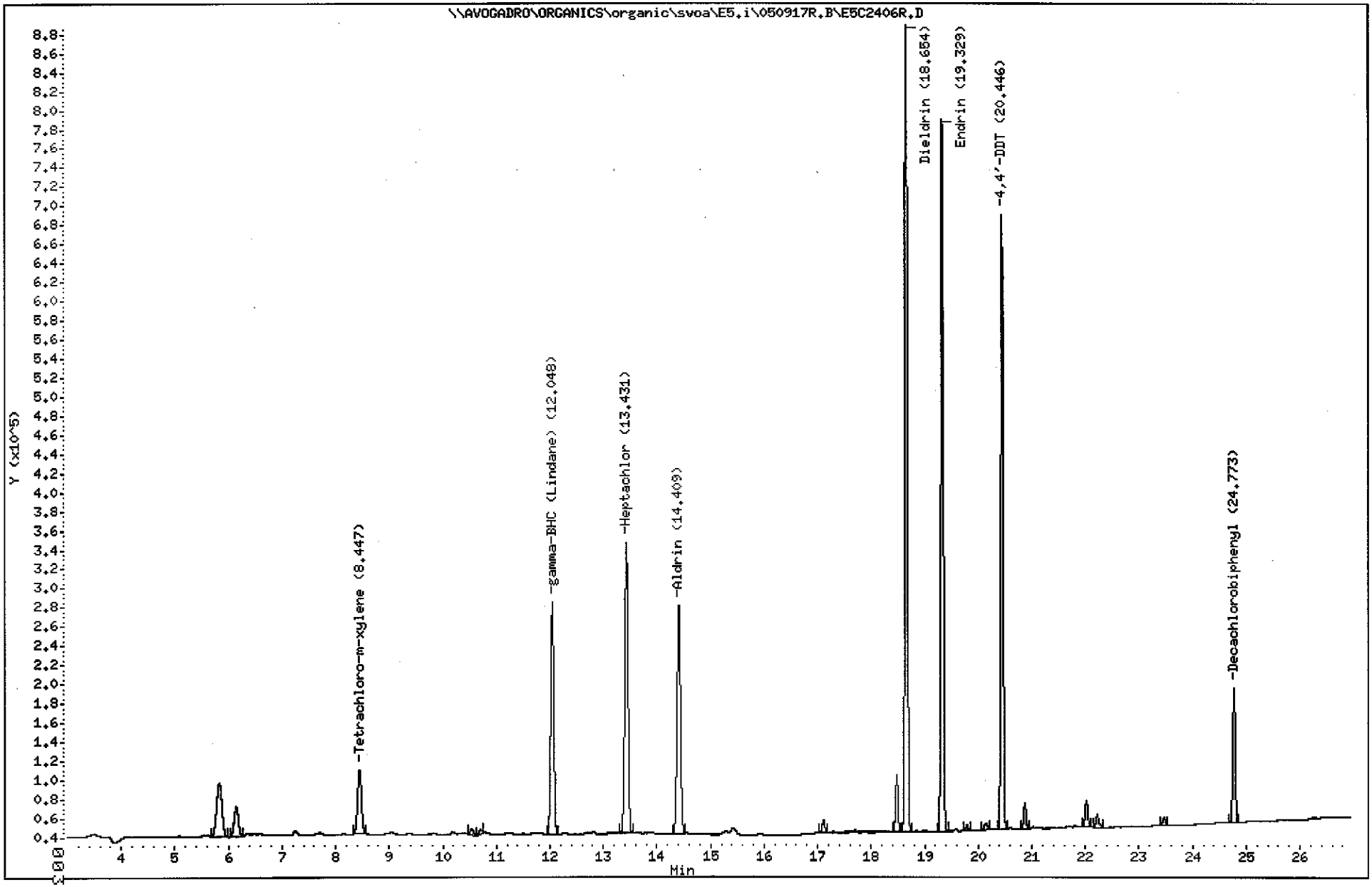
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.31	
76-44-8	Heptachlor	0.40	
309-00-2	Aldrin	0.41	
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.95	
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	1.1	
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.82	
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2406F.D
Date : 21-SEP-2005 01:03
Client ID: P5RLCS
Instrument: E5.i
Sample Info: LCS-19699,P5RLCS,19699,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2406R.D
Date : 21-SEP-2005 01:03
Client ID: P5RLCS
Instrument: E5.i
Sample Info: LCS-19699,P5RLCS,19699,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5C2406F.D
Report Date: 27-Sep-2005 14:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\E5C2406F.D
Lab Smp Id: LCS-19699 Client Smp ID: P5RLCS
Inj Date : 21-SEP-2005 01:03
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : LCS-19699,P5RLCS,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917F.B\clp-e5f.m
Meth Date : 27-Sep-2005 14:21 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362F.D
Als bottle: 27 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.27	6.28	-0.010	335090	0.01616	0.16		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
22.3	22.3	0.000	707107	0.01908	0.19		
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
9.40	9.40	0.000	1219898	0.03075	0.31		
5 Heptachlor						CAS #: 76-44-8	
10.9	10.9	0.000	1991958	0.04274	0.43		

9/27/05

Data File: E5C2406F.D
Report Date: 27-Sep-2005 14:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
6 Aldrin					CAS #: 309-00-2		
11.8	11.8	0.000	1662965	0.04052	0.41		
14 Dieldrin					CAS #: 60-57-1		
16.1	16.1	0.000	3812936	0.09517	0.95		
15 Endrin					CAS #: 72-20-8		
17.0	17.0	0.000	3393081	0.11160	1.1		
18 4,4'-DDT					CAS #: 50-29-3		
18.1	18.1	0.000	2906986	0.08215	0.82		

Data File: E5C2406R.D
Report Date: 27-Sep-2005 14:26

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\E5C2406R.D
Lab Smp Id: LCS-19699 Client Smp ID: P5RLCS
Inj Date : 21-SEP-2005 01:03
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : LCS-19699,P5RLCS,19699,clp.sub,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\E5.i\050917R.B\clp-e5r.m
Meth Date : 27-Sep-2005 14:23 mtl Quant Type: ESTD
Cal Date : 17-SEP-2005 21:18 Cal File: E5C2362R.D
Als bottle: 27 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET7

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
8.45	8.45	0.000	339602	0.01592	0.16		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.8	24.8	0.000	425935	0.01916	0.19		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
12.0	12.1	-0.100	950206	0.03113	0.31		
6 Heptachlor					CAS #: 76-44-8		
13.4	13.4	0.000	1241160	0.04041	0.40		

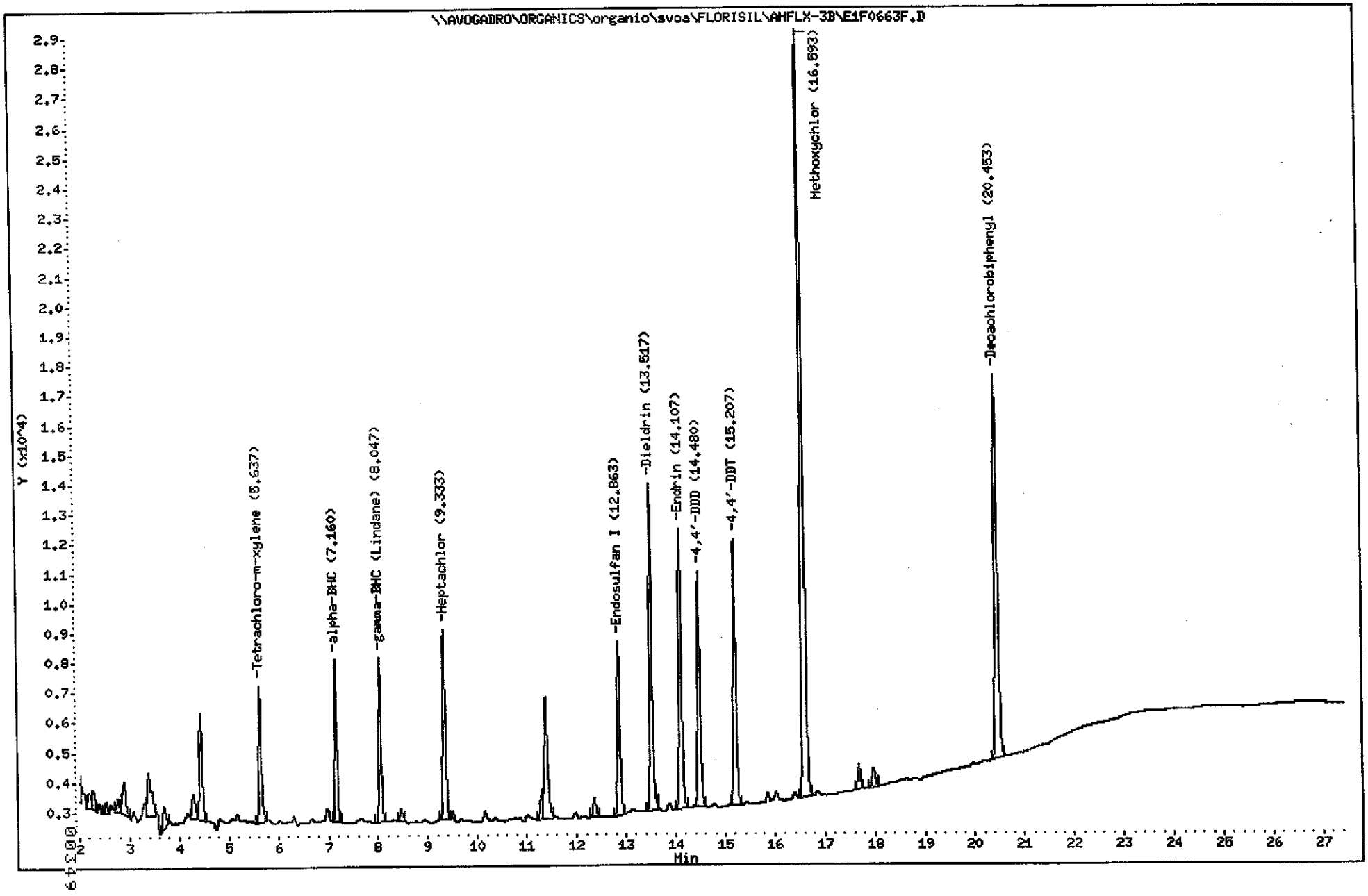
9/27/05

Data File: E5C2406R.D
Report Date: 27-Sep-2005 14:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
7 Aldrin					CAS #: 309-00-2		
14.4	14.4	0.000	1057258	0.04127	0.41		
15 Dieldrin					CAS #: 60-57-1		
18.7	18.7	0.000	2558372	0.09464	0.95		
16 Endrin					CAS #: 72-20-8		
19.3	19.3	0.000	2219271	0.11278	1.1		
19 4,4'-DDT					CAS #: 50-29-3		
20.4	20.4	0.000	1827612	0.08246	0.82		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0663F.D
Date : 28-JUN-2005 19:18
Client ID: AMFLX-3B
Sample Info: FLOWAMFLX-3B,,,,
Volume Injected (uL): 1.0
Column phase: CLPestII

Instrument: E4.i
Operator: SZ
Column diameter: 0.53



Data File: E1F0663F.D
Report Date: 15-Jul-2005 13:47

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0663F.D
Lab Smp Id: AMFLX-3B Client Smp ID: AMFLX-3B
Inj Date : 28-JUN-2005 19:18
Operator : SZ Inst ID: E4.i
Smp Info : FLOWAMFLX-3B,,,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\CLPFLO-F.m
Meth Date : 29-Jun-2005 17:41 mtl Quant Type: ESTD
Cal Date : 28-JUN-2005 17:46 Cal File: E1F0660F.D
Als bottle: 34 QC Sample: FLORISIL
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: florisil.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
	5.64	5.63	0.010	15830	0.00882	0.0088		
	3 alpha-BHC					CAS #: 319-84-6		
	7.16	7.16	0.000	16730	0.00830	0.0083		
	4 gamma-BHC (Lindane)					CAS #: 58-89-9		
	8.05	8.05	0.000	17604	0.00894	0.0089		
	5 Heptachlor					CAS #: 76-44-8		
	9.33	9.33	0.000	23047	0.00921	0.0092		

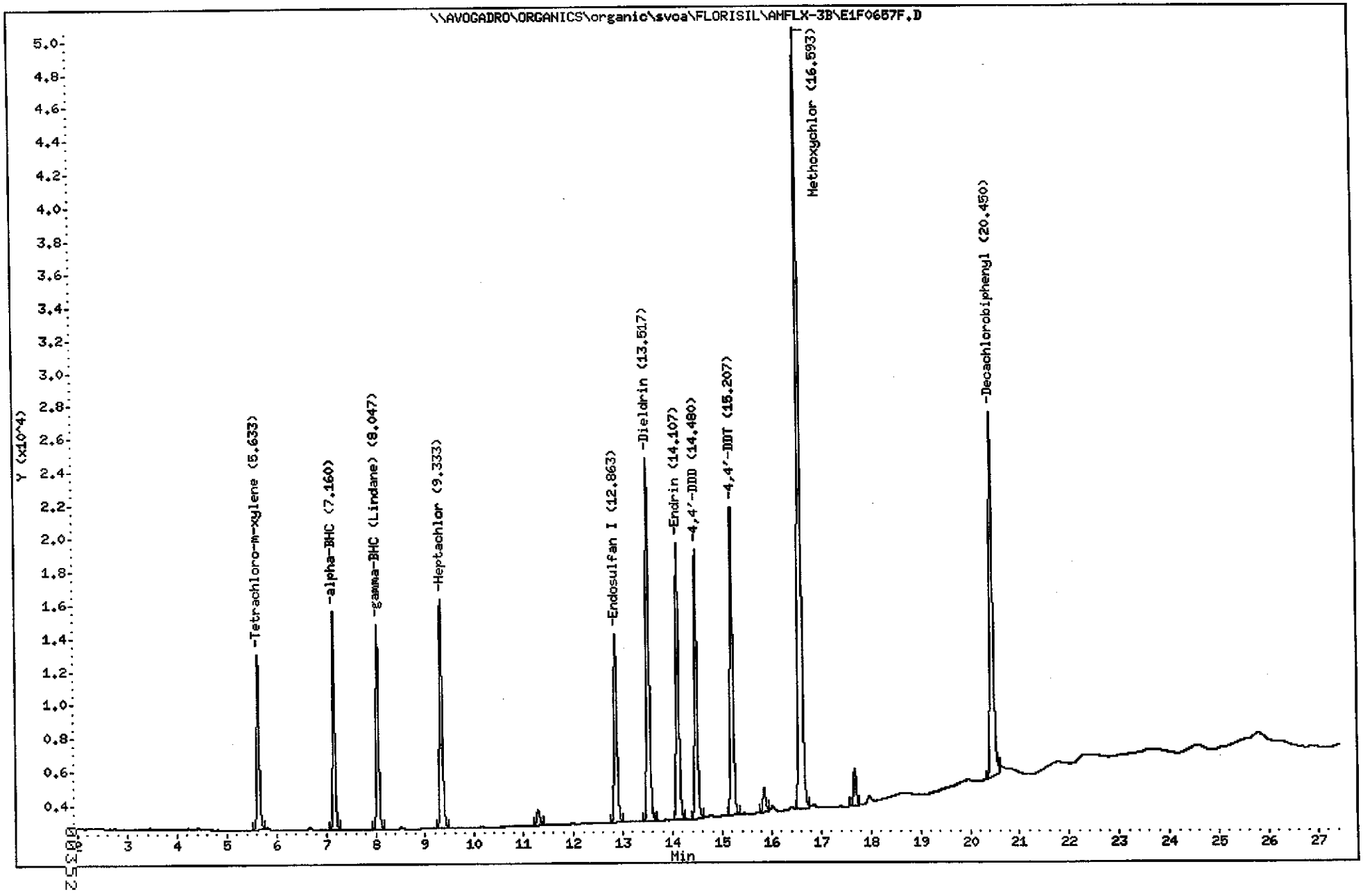
SZ 07/18/05

Data File: E1F0663F.D
Report Date: 15-Jul-2005 13:47

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ng)	TARGET RANGE	RATIO
10 Endosulfan I						CAS #: 959-98-8	
12.9	12.9	0.000	22078	0.01036	0.010		
14 Dieldrin						CAS #: 60-57-1	
13.5	13.5	0.000	40739	0.02026	0.020		
15 Endrin						CAS #: 72-20-8	
14.1	14.1	0.000	35176	0.02260	0.023		
16 4,4'-DDD						CAS #: 72-54-8	
14.5	14.5	0.000	27923	0.01922	0.019		
18 4,4'-DDT						CAS #: 50-29-3	
15.2	15.2	0.000	32895	0.01910	0.019		
21 Methoxychlor						CAS #: 72-43-5	
16.6	16.6	0.000	103940	0.10751	0.11		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
20.5	20.5	0.000	55584	0.02285	0.023		

Data File: \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0657F.D
Date : 28-JUN-2005 13:08
Client ID: INDAKK
Sample Info: INDAKK,INDAKK,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPestII

Instrument: E4.i
Operator: SRC:
Column diameter: 0.53



Data File: E1F0657F.D
Report Date: 15-Jul-2005 13:47

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0657F.D
Lab Smp Id: INDAKK Client Smp ID: INDAKK
Inj Date : 28-JUN-2005 13:08
Operator : SRC: Inst ID: E4.i
Smp Info : INDAKK,INDAKK,,inda.sub,,
Misc Info : 2,,,1
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\CLPFLO-F.m
Meth Date : 29-Jun-2005 17:41 mtl Quant Type: ESTD
Cal Date : 05-JAN-2005 12:52 Cal File: E1E8517F.D
Als bottle: 29 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.63	5.63	0.000	35915	0.02000	0.020		(a)
3 alpha-BHC						CAS #: 319-84-6	
7.16	7.16	0.000	40330	0.02000	0.020		(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
8.05	8.05	0.000	39398	0.02000	0.020		(a)
5 Heptachlor						CAS #: 76-44-8	
9.33	9.33	0.000	50068	0.02000	0.020		(a)
10 Endosulfan I						CAS #: 959-98-8	
12.9	12.9	0.000	42623	0.02000	0.020		(a)

SZ 07/15/05

Data File: E1F0657F.D
Report Date: 15-Jul-2005 13:47

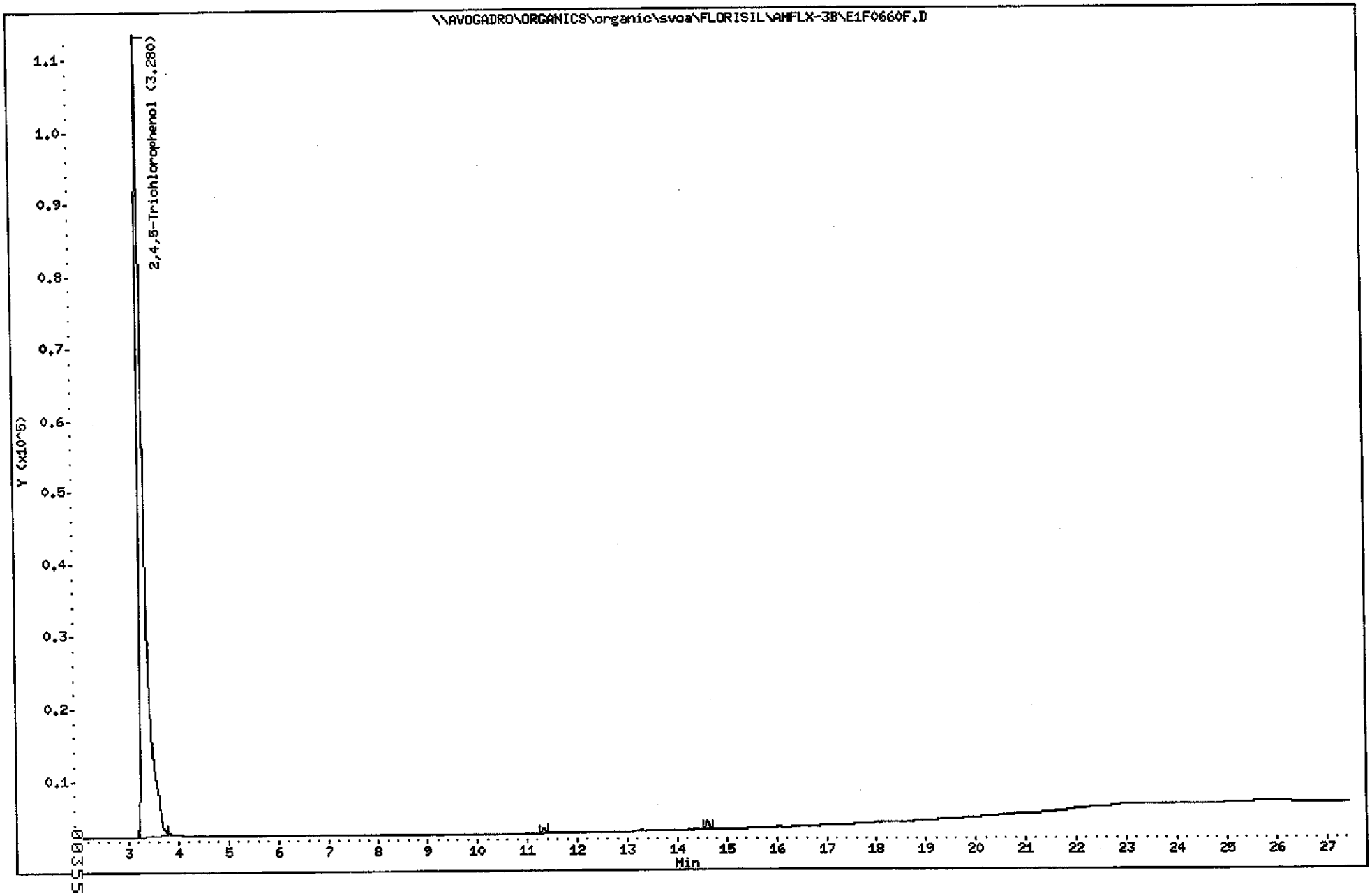
				AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
14 Dieldrin						CAS #: 60-57-1		
13.5	13.5	0.000	80413	0.04000	0.040			(a)
15 Endrin						CAS #: 72-20-8		
14.1	14.1	0.000	62249	0.04000	0.040			(a)
16 4,4'-DDD						CAS #: 72-54-8		
14.5	14.5	0.000	58107	0.04000	0.040			(a)
18 4,4'-DDT						CAS #: 50-29-3		
15.2	15.2	0.000	68892	0.04000	0.040			(a)
21 Methoxychlor						CAS #: 72-43-5		
16.6	16.6	0.000	193359	0.20000	0.20			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
20.5	20.5	0.000	97316	0.04000	0.040			(a)

QC Flag Legend

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

Data File: \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0660F.D
Date : 28-JUN-2005 17:46
Client ID: 245-TCP
Sample Info: 245-TCP,245-TCP,,,,
Volume Injected (uL): 1.0
Column phase: CLPestII

Instrument: E4.i
Operator: GML
Column diameter: 0.53



Data File: E1F0660F.D
Report Date: 15-Jul-2005 13:47

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\E1F0660F.D
Lab Smp Id: 245-TCP Client Smp ID: 245-TCP
Inj Date : 28-JUN-2005 17:46
Operator : GML Inst ID: E4.i
Smp Info : 245-TCP,245-TCP,,,,
Misc Info :
Comment :
Method : \\AVOGADRO\ORGANICS\organic\svoa\FLORISIL\AMFLX-3B\CLPFLO-F.m
Meth Date : 29-Jun-2005 17:41 mtl Quant Type: ESTD
Cal Date : 28-JUN-2005 17:46 Cal File: E1F0660F.D
Als bottle: 31 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 245TCP.sub
Subtraction File: \\AVOGADRO\ORGANICS
Target Version: 4.03 Sample Matrix: WATER
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
32 2,4,5-Trichlorophenol						CAS #:		
3.28	3.28	0.000	806970	0.10000	0.10			

SC 07/18/05

MITKEM CORPORATION: ORGANIC PREP - CLP Pesticides/PCB

Date	Analysis	Method & SOP #	Sample Matrix	Project(s)
8/30/05	OLM PP	AQ: 3510C(SepF) 3520C(Liq/Liq) Other: Soil: 3540C(Soxhlet) 3550B(Sonic)	Aqueous Soil Other:	D1004

Blank ID	LCS ID	Analyst:	Spiker:	Witness:	Solvent Lot #	Acid Lot #	Time Started: / Time Ended:	GPC Batch #	Florisil Lot #
19699	19699	BA	BA	KG	B29E13	—	8:30 / 13:00		

Lab ID	Sample ID	Wt/Vol Extracted	Surrogate Added	Matrix Spike Added	pH	KD prior to GPC Date/Analyst	Vol. pre GPC	GPC Date/Analyst	KD after GPC Date/Analyst	Vol. pre Florisil	Florisil Date/Analyst	Final Vol.	Date Ext.
MB-19699		1000mL	OPW050712A 1mL	—	7	—		09/13/05 BA		10 mL	09/12/05 KG	1 mL	09/13/05
LCS-19699		↓	↓	OPW050825A 1mL	↓					↓	↓ ↓	↓	↓
D1004	01C	↓	↓	—	↓					↓	↓ ↓	↓	↓
D1004	02B	1000mL	OPW050712A 1mL	—	7	—				10 mL	09/12/05 KG	1 mL	09/13/05

8/30/05 BA

Comments:

Sonicator Tuned?
Yes (No)
Water Bath Temp

Sodium Sulfate Lot #: OVR 050912B

Hexane Lot #: A46E58

Logbook ID 50.0188-05/05

Reviewed By: KC 9/20/05

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: E5 050 917 | Method: Cup 02X1 | ICAL Date: 9/17/05

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
9/17/05	[redacted]	A1	[redacted] A1	E5 C23	[redacted]		+	+	PW050601A	
	PEM		PEM		49		✓	+	PW050913A	
	AR1660		AR1660		50				PW050718B	
	1221		1221		51				PW050917A	
	1232		1232		52				B	
	1242		1242		53				C	
	1248		1248		54				PW050917D	
	AR1254		AR1254		55				PW050824B	
	TOXAPH		TOXAPH		56				PW050504A	
	INDAL		INDAL		57				PW050510F	
	INDBL		INDBL		58				PW050613B	
	INDAM		INDAM		59		+	+	PW050510D	
	INDBM		INDBM		60		+	+	PW050613C	
	INDAH		INDAH		61				PW050510B	
	INDBH		INDBH A1		62			✓	PW050613A	
	PIBLK	A2	A2		63		✓	✓	21.48, 9/17/05	
	[redacted]	A2	A2	E5 C23	[redacted]		+✓	+		✓
	MB-19700				65		✓			
	LCS-19700				66		✓			
	P1003-01C				67		✓			
	-02C				68		✓			
	-02CMS				69		✓	✓		
	-02CMSD				70		✓	✓		
	-04C				71			✓		
	-05C				72			✓		
	P1003-07C				73			✓		
	P0993-01B				74			✓		
	P0996-11B			E5 C23	75			✓		

Standard ID's

PEM = PW050913A
INDAM = PW050510D
INDBM = PW050613C

Comments

Logbook ID: 60.0225-12/04 Reviewed KL 9/28/05 Page: 084

00358

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: 5505-0920 | Method: CLP02X1 | ICAL Date: 9/17/05

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
9/19/05	PBLK	AB	PBLKAB	5C23	83		✓	✓	13:21. 9/20	✓
	PSM	AG	PSMAG		84		✓	✓		
	MB-19796				85		✓	✓		
	LCS-19794				86			✓		
	D0986-06C				87			✓		
	-07C				88			✓		
	-07CMS				89			X	NG, No Surr. No MS spike	
	-07CMSD				90			✓		
	PBLK				91					
	PBLK				92					
	PBLK	AC	PBLKAC		93		✓	✓	18:26. 9/20	
	INDAA		INDAAC		94		✓	✓		
	INDBA		INDBAC		95		✓	✓		
	MB-19798				96			✓		
	LCS-19798				97			✓		
	D1026-02B				98			✓		
	-02BMS			5C23	99			✓		
	-02BMSD			5C24	00			✓		
	-03B				01			✓		
	-04B				02			✓		
	-05B				03			✓		
	D1026-06B				04			✓		
	MB-19859		PBLK5R		05			✓		
	LCS-19859		P5RLCS		06			✓		
	DMW-01C		SB-RB-W-R		07			✓		
	DMW-02B		MW2-W-D		08			✓		
	PBLK				09					
	AR1242	AC		5C24	10					✓

Standard ID's

PSM = PW05-0913A

INDAA = PW0505/0D

INDBA = PW0506/13C

Comments

Logbook ID: 60.0225-12/04 Reviewed KC 9/20/05 Page: 086

00359

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: T50 50920 | Method: cup 02X1 | ICAL Date: 9/17/05

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
9/20/05	AR 1248	AC		T5C24	11					K.
↓	AR 1254	↓			12					↓
	AR 1660	↓			13					
	PCBUK	AD	PCBUKA		14		✓	✓	5:07. 9/21	
	PCBM	AU	PCBMAD		15		✓	✓		
↓	PCBLK			T5C24	16					

K. 9/21/05

Standard ID's

PCBM PW05091SA

INDAM PW05051UD

INDBM PW05061SC

Comments

Logbook ID: 60.0225-12/04 Reviewed KC 9/20/05 Page: 087

00360

Sample Receiving Logbook

Workorder No. 01004

Client Name: E+E

Date Recv'd 8/25/05 **Sample #s** 01, 02 **Storage Locations:** VOA, B2, M1

Date Recv'd _____ **Sample #s** 03 **Storage Locations:** E-2

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

OUT		IN	
Relinquished By	**Received By**	**Relinquished By**	**Received By**
Date: 8/29/05 Init: JS	Date: 8/29/05 Init: BA	Date: 8/29/05 Init: JS	Date: 8/29/05 Init: BA
Samp. #s 1, 2		empty	
Date: 8/30/05 Init: JS	Date: 8/30/05 Init: BA	Date: 8/30/05 Init: JS	Date: 8/30/05 Init: BA
Samp. #s 1, 2	1	empty	
Date: 8/31/05 Init: BV	Date: 8/31/05 Init: KB	Date: 8/31/05 Init: BV	Date: 8/31/05 Init: KB
Samp. #s 1-2-3		1-3	
Date: 9/2/05 Init: BV	Date: 9/2/05 Init: KB	Date: 9/2/05 Init: BV	Date: 9/2/05 Init: KB
Samp. #s 3		3	
Date: 9/13/05 Init: BV	Date: 9/13/05 Init: KB	Date: 9/13/05 Init: BV	Date: 9/13/05 Init: KB
Samp. #s 1		1	
Date: 9/15/05 Init: KB	Date: 9/15/05 Init: SW	Date: 9/15/05 Init: SW	Date: 9/15/05 Init: KB
Samp. #s 3		3	
Date: Init:	Date: Init:	Date: Init:	Date: Init:
Samp. #s			
Date: Init:	Date: Init:	Date: Init:	Date: Init:
Samp. #s			

Comments: _____

Please record analyst's initials, date, and sample #s removed. Add any comments if necessary (broken bottles, empty jars, etc.)

00361

Logbook ID: 30.0287-07/05 **Reviewed:** KL 9/28/05

MITKEM CORPORATION EXTRACTS TRANSFER LOGBOOK: PESTICIDES/PCB ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred by	Received by	Storage Location	Comments
09/12/05	D1040	09A	KG	✓	R 11	
09/12/05	MB-19700		KG	KC ✓	R11	
↓	LCS-19700		↓	✓	↓	
↓	D0993	01B	↓	✓	↓	
09/12/05	D0996	11B	KG	✓	↓	
↓	MB 19919		SR	KC ✓	R11	
↓	LCS 19919		↓	✓	↓	
↓	LCSD 19919		↓	✓	↓	
↓	D1043	01A	↓	✓	↓	
9/12/05	D1043	02A	SR	✓	↓	
09/12/05	D1034	17A	KG	KC ✓	R 11	both Pesticide/PCB
↓	D1035	12B	↓	✓	↓	
↓	↓	13B	↓	✓	↓	
09/12/05	D1035	14B	KG	✓	↓	
09/13/05	MB-19699		KG	✓	R 11	
↓	LCS-19699		↓	✓	↓	
↓	D1004	01C	↓	✓	↓	
09/13/05	D1004	02B	KG	✓	↓	
09/14/05	MB-19795		KG	KC ✓	R 11	
↓	LCS-19816		↓	✓	↓	
↓	LCSD-19816		↓	✓	↓	
↓	D1008	01A	↓	✓	↓	
↓	↓	02A	↓	✓	↓	
↓	↓	03A	↓	✓	↓	
↓	↓	04A	↓	✓	↓	
↓	↓	05A	↓	✓	↓	
09/14/05	D1008	06A	KG	✓	↓	
09/14/05	MB-19779		KG	KC ✓	R11	
↓	LCS-19779		↓	✓	↓	
↓	LCSD-19779		↓	✓	↓	
09/14/05	LCS-19780		KG	✓	↓	

Logbook ID: 60.0132 - 06/05

Reviewed by KC 9/21/7

00362

MITKEM CORPORATION

* Metals/Cyanide *

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

SOW No.: ILM05.3

EPA Sample No.	Lab Sample ID.
MW12-W-O	D1004-02
SB-RB-W-R	D1004-01
SB-RB-W-RD	D1004-01DUP
SB-RB-W-RS	D1004-01MS

Were ICP interelement corrections applied?	Yes/No	YES
Were ICP background corrections applied?	Yes/No	YES
If yes-were raw data generated before application of background corrections?	Yes/No	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature

Signature: Sharyn B. Lawler Name: Sharyn B. Lawler

Date: 10/04/2005 Title: Data Reviewer

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

MW12-W-O

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Lab Sample ID: D1004-02

Level (low/med): MED Date Received: 08/25/05

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
	Cyanide	10.0	U		CA

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Lab Sample ID: D1004-01

Level (low/med): MED Date Received: 08/25/05

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21.8	J		P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	5.3	J		P
7440-41-7	Beryllium	5.0	U		P
7440-42-8	Boron	44.0	J		P
7440-43-9	Cadmium	0.11	J		P
7440-70-2	Calcium	278	J		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	0.31	J		P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	62.4	J	*	P
7439-92-1	Lead	0.88	J	N	P
7439-95-4	Magnesium	5000	U		P
7439-96-5	Manganese	3.4	J		P
7440-02-0	Nickel	40.0	U		P
7440-09-7	Potassium	5000	U		P
7782-49-2	Selenium	1.0	J		P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	179	J		P
7440-28-0	Thallium	1.5	J		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	3.4	J		P
7439-97-6	Mercury	0.27	U		CV
	Cyanide	10.0	U		CA

Color Before: COLORLES Clarity Before: CLEAR Texture:

Color After: COLORLES Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Mercury	2.0	1.85	92.6	5.0	4.88	97.6	5.20	104.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Mercury				5.0	5.36	107.2				CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration						M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)		
Cyanide	250.0	284.19	113.7	200.0	228.78	114.4	226.89	113.4		CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Cyanide				200.0	229.31	114.7			CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Boron	2500.0	2455.08	98.2	2500.0	2426.61	97.1	2435.25	97.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration						M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)		
Boron				2500.0	2431.13	97.2				P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	15000.0	14775.31	98.5	10000.0	9874.93	98.7	9853.80	98.5	P
Antimony	750.0	781.60	104.2	500.0	521.52	104.3	521.68	104.3	P
Barium	15000.0	15331.96	102.2	10000.0	10483.09	104.8	10560.29	105.6	P
Beryllium	375.0	385.87	102.9	250.0	258.88	103.6	260.97	104.4	P
Cadmium	375.0	376.97	100.5	250.0	258.74	103.5	258.33	103.3	P
Calcium	37500.0	38242.35	102.0	25000.0	25491.24	102.0	25385.25	101.5	P
Chromium	1500.0	1502.40	100.2	1000.0	1005.05	100.5	1003.98	100.4	P
Cobalt	3750.0	3774.74	100.7	2500.0	2562.43	102.5	2569.95	102.8	P
Copper	1875.0	1868.46	99.7	1250.0	1255.82	100.5	1264.42	101.2	P
Iron	7500.0	7388.49	98.5	5000.0	5015.65	100.3	4998.03	100.0	P
Lead	750.0	766.51	102.2	500.0	522.05	104.4	520.70	104.1	P
Magnesium	37500.0	37519.25	100.1	25000.0	25322.77	101.3	25497.80	102.0	P
Manganese	3750.0	3802.27	101.4	2500.0	2573.38	102.9	2597.22	103.9	P
Nickel	3750.0	3767.54	100.5	2500.0	2550.02	102.0	2545.39	101.8	P
Selenium	750.0	752.94	100.4	500.0	507.14	101.4	517.32	103.5	P
Silver	1875.0	1993.86	106.3	1250.0	1301.47	104.1	1309.82	104.8	P
Vanadium	3750.0	3766.95	100.5	2500.0	2552.52	102.1	2570.63	102.8	P
Zinc	3750.0	3789.52	101.1	2500.0	2590.89	103.6	2586.10	103.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9799.29	98.0			P
Antimony				500.0	524.61	104.9			P
Barium				10000.0	10539.07	105.4			P
Beryllium				250.0	259.56	103.8			P
Cadmium				250.0	254.19	101.7			P
Calcium				25000.0	25536.55	102.1			P
Chromium				1000.0	1002.32	100.2			P
Cobalt				2500.0	2553.02	102.1			P
Copper				1250.0	1269.50	101.6			P
Iron				5000.0	4975.33	99.5			P
Lead				500.0	520.34	104.1			P
Magnesium				25000.0	25501.72	102.0			P
Manganese				2500.0	2595.21	103.8			P
Nickel				2500.0	2527.97	101.1			P
Selenium				500.0	517.48	103.5			P
Silver				1250.0	1310.52	104.8			P
Vanadium				2500.0	2559.32	102.4			P
Zinc				2500.0	2560.33	102.4			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium	37500.0	39566.08	105.5	25000.0	26359.93	105.4	26697.12	106.8		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Sodium				25000.0	26494.30	106.0	26908.48	107.6		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium				25000.0	26982.08	107.9	26935.10	107.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Sodium				25000.0	26516.02	106.1			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Potassium	37500.0	37615.35	100.3	25000.0	24730.63	98.9	25159.40	100.6	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Potassium				25000.0	24666.90	98.7	24511.08	98.0		P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Potassium				25000.0	24876.12	99.5	24714.20	98.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)		M
Potassium				25000.0	24943.21	99.8				P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Arsenic	750.0	764.28	101.9	500.0	511.69	102.3	513.94	102.8	P
Thallium	750.0	751.30	100.2	500.0	511.87	102.4	512.26	102.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Arsenic				500.0	513.65	102.7			P
Thallium				500.0	503.89	100.8			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.0

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.19 J	96.1					
Mercury	0.2	0.18 J	89.4					

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.0

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Antimony				60.0	60.43	100.7	56.43 J	94.1
Beryllium				5.0	5.14	102.8	5.13	102.7
Cadmium				5.0	5.26	105.2	5.24	104.9
Chromium				10.0	10.37	103.7	10.31	103.1
Cobalt				50.0	53.92	107.8	54.12	108.2
Copper				25.0	26.02	104.1	25.15	100.6
Lead				10.0	11.13	111.3	10.62	106.2
Manganese				20.0	16.83	84.2	16.93	84.7
Nickel				40.0	42.49	106.2	42.47	106.2
Selenium				35.0	38.22	109.2	41.02	117.2
Silver				10.0	12.34	123.4	10.41	104.1
Vanadium				50.0	52.26	104.5	52.65	105.3
Zinc				60.0	74.76	124.6	74.69	124.5

U.S. EPA - CLP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.0

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				10.0	8.82 J	88.2	11.57	115.7
Thallium				25.0	28.41	113.6	28.69	114.8

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U		

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Boron	54.8	J	41.2	J	500.0	U	500.0	U	500.000	U		

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	
Antimony	20.0	J	2.5	J	20.0	J	1.9	J	20.000	J	
Barium	200.0	U	200.0	U	200.0	U	200.0	U	4.536	J	
Beryllium	0.2	J	5.0	U	5.0	U	5.0	U	5.000	U	
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	
Calcium	-41.7	J	800.0	J	-68.2	J	800.0	J	132.303	J	
Chromium	0.4	J	0.4	J	0.4	J	0.4	J	10.000	J	
Cobalt	0.2	J	0.2	J	50.0	U	0.3	J	0.399	J	
Copper	30.0	U	30.0	U	30.0	U	30.0	U	30.000	U	
Iron	200.0	U	200.0	U	200.0	U	200.0	U	32.391	J	
Lead	0.5	J	0.5	J	0.5	J	0.5	J	0.748	J	
Magnesium	500.0	J	500.0	J	500.0	J	500.0	J	500.000	J	
Manganese	50.0	U	50.0	U	50.0	U	50.0	U	2.868	J	
Nickel	0.6	J	0.6	J	0.6	J	0.6	J	40.000	J	
Selenium	-1.8	J	1.4	J	7.3	J	3.5	J	5.846	J	
Silver	3.6	J	30.0	U	30.0	U	30.0	U	1.476	J	
Vanadium	0.5	J	0.5	J	0.5	J	0.5	J	50.000	U	
Zinc	50.0	J	50.0	J	50.0	J	50.0	J	2.458	J	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Sodium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	5000.000	U	

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Sodium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Sodium			5000.0	U							P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Potassium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	5000.000	U	

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Potassium			5000.0	U	5000.0	U	5000.0	U			P

U.S. EPA - CLP

3
BLANKS

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

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
Potassium			5000.0	U							P

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C		M
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U		
Thallium	4.2	J	2.0	J	3.1	J	3.0	J	25.000	U		

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA2 ICS Source:

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
Boron	0	0	197	189		171	172	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA2 ICS Source:

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	480000	472000	94.5	481000	477000	95.4
Antimony	0	600	42.0	530	88.3	46.0	526	87.7
Barium	0	500	-17	465	92.9	-17	465	93.0
Beryllium	0	500	0	472	94.4	0	474	94.7
Cadmium	0	1000	-2.0	896	89.6	-2.0	901	90.1
Calcium	500000	500000	502000	490000	97.9	497000	498000	99.7
Chromium	0	500	7.0	453	90.6	6.0	462	92.3
Cobalt	0	500	-14	420	84.0	-14	425	85.0
Copper	0	500	-9.0	458	91.6	-11	465	92.9
Iron	200000	200000	176000	172000	86.0	174000	174000	87.1
Lead	0	50.0	3.0	53.8	107.6	4.0	57.6	115.2
Magnesium	500000	500000	469000	462000	92.3	470000	465000	93.0
Manganese	0	500	0	460	92.0	-2.0	467	93.3
Nickel	0	1000	-5.0	865	86.5	-6.0	876	87.6
Selenium	0	50.0	-20	58.0	116.0	19.0	41.8	83.6
Silver	0	200	-2.0	203	101.4	-3.0	205	102.3
Vanadium	0	500	5.0	476	95.2	4.0	480	96.1
Zinc	0	1000	-14	847	84.7	-14	848	84.8

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 ICS Source:

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
Sodium	0	0	88.0	61.8		143	120	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 ICS Source:

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
Sodium	0	0	115	47.5		114	80.0	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 ICS Source:

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
Potassium	0	0	118	74.9		126	71.1	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 ICS Source:

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
Potassium	0	0	43.0	67.4		376	172	

U.S. EPA - CLP

4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 ICS Source:

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
Arsenic	0	100	0	91.8	91.8	1.0	89.9	89.9
Thallium	0	100	17.0	97.2	97.2	14.0	98.7	98.7

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Cyanide	75-125	111.6495		10.0000	U	100.00	111.6		CA

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2192.1872		21.7616	J	2000.00	108.5		P
Antimony	75-125	107.2315		60.0000	U	100.00	107.2		P
Arsenic	75-125	42.6789		10.0000	U	40.00	106.7		P
Barium	75-125	2396.8063		5.3174	J	2000.00	119.6		P
Beryllium	75-125	57.5345		5.0000	U	50.00	115.1		P
Boron	75-125	2435.3242		43.9917	J	2250.00	106.3		P
Cadmium	75-125	56.4941		0.1145	J	50.00	112.8		P
Chromium	75-125	226.7479		10.0000	U	200.00	113.4		P
Cobalt	75-125	601.5433		0.3129	J	500.00	120.2		P
Copper	75-125	295.0285		25.0000	U	250.00	118.0		P
Iron	75-125	1180.3319		62.4074	J	1000.00	111.8		P
Lead	75-125	28.1178		0.8811	J	20.00	136.2	N	P
Manganese	75-125	611.2738		3.4439	J	500.00	121.6		P
Nickel	75-125	598.4501		40.0000	U	500.00	119.7		P
Selenium	75-125	59.7040		1.0320	J	50.00	117.3		P
Silver	75-125	58.5522		10.0000	U	50.00	117.1		P
Thallium	75-125	58.0560		1.4829	J	50.00	113.1		P
Vanadium	75-125	564.5119		50.0000	U	500.00	112.9		P
Zinc	75-125	594.5817		3.4263	J	500.00	118.2		P

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO
SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Lead		21.27		0.88	J	20.0	102.0		P

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO
SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		21.7616	J	22.8069	J	4.7		P
Antimony		60.0000	U	1.6479	J	200.0		P
Arsenic		10.0000	U	10.0000	U			P
Barium		5.3174	J	4.9739	J	6.7		P
Beryllium		5.0000	U	5.0000	U			P
Boron		43.9917	J	500.0000	U	200.0		P
Cadmium		0.1145	J	5.0000	U	200.0		P
Calcium		278.1198	J	349.0531	J	22.6		P
Chromium		10.0000	U	0.6465	J	200.0		P
Cobalt		0.3129	J	0.2156	J	36.8		P
Copper		25.0000	U	25.0000	U			P
Iron	100.0	62.4074	J	389.0848		144.7	*	P
Lead		0.8811	J	10.0000	U	200.0		P
Magnesium		5000.0000	U	25.6268	J	200.0		P
Manganese		3.4439	J	5.4385	J	44.9		P
Nickel		40.0000	U	40.0000	U			P
Selenium		1.0320	J	35.0000	U	200.0		P
Silver		10.0000	U	10.0000	U			P
Sodium		178.7198	J	183.4179	J	2.6		P
Thallium		1.4829	J	25.0000	U	200.0		P
Vanadium		50.0000	U	50.0000	U			P
Zinc		3.4263	J	4.7276	J	31.9		P
Cyanide		10.0000	U	10.0000	U			CA

U.S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Solid LCS Source:

Aqueous LCS Source:

LCS-19953

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	9100.0	9870.53	108.5						
Antimony	455.0	515.44	113.3						
Arsenic	455.0	503.33	110.6						
Barium	9100.0	10298.60	113.2						
Beryllium	227.0	255.12	112.4						
Boron	2250.0	2483.44	110.4						
Cadmium	227.0	255.12	112.4						
Calcium	22700.0	25113.10	110.6						
Chromium	910.0	991.94	109.0						
Cobalt	2270.0	2557.33	112.7						
Copper	1130.0	1251.59	110.8						
Iron	4550.0	4993.09	109.7						
Lead	455.0	512.60	112.7						
Magnesium	22700.0	25234.29	111.2						
Manganese	2270.0	2565.84	113.0						
Nickel	2270.0	2531.10	111.5						
Potassium	22700.0	24976.10	110.0						
Selenium	455.0	505.86	111.2						
Silver	1130.0	1306.71	115.6						
Sodium	22700.0	26299.09	115.9						
Thallium	455.0	503.83	110.7						
Vanadium	2270.0	2513.60	110.7						
Zinc	2270.0	2539.70	111.9						

U.S. EPA - CLP

8
ICP SERIAL DILUTIONS

SB-RB-W-R

Lab Name: Mitkem Corporation Contract: TN 000699.N

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Matrix (soil/water): WATER Level (low/med): MED

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	21.76	B	1000.00	U	100.0		P
Antimony	60.00	U	300.00	U			P
Arsenic	10.00	U	50.00	U			P
Barium	5.32	B	1000.00	U	100.0		P
Beryllium	5.00	U	25.00	U			P
Boron	43.99	B	2500.00	U	100.0		P
Cadmium	0.11	B	25.00	U	100.0		P
Calcium	278.12	B	361.91	B	30.1		P
Chromium	10.00	U	50.00	U			P
Cobalt	0.31	B	0.91	B	193.5		P
Copper	25.00	U	130.00	U			P
Iron	62.41	B	500.00	U	100.0		P
Lead	0.88	B	50.00	U	100.0		P
Magnesium	5000.00	U	25000.00	U			P
Manganese	3.44	B	75.00	U	100.0		P
Nickel	40.00	U	200.00	U			P
Selenium	1.03	B	7.04	B	583.5		P
Silver	10.00	U	50.00	U			P
Sodium	178.72	B	25000.00	U	100.0		P
Thallium	1.48	B	12.00	B	710.8		P
Vanadium	50.00	U	250.00	U			P
Zinc	3.43	B	300.00	U	100.0		P

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: Date: 07/01/05

Flame AA ID Number: FIMS1 TestCode: ILM5.3 HG W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Mercury	0.00		0.2	0.05	CV

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: Date: 07/01/05

Flame AA ID Number: LACHAT1 TestCode: ILM5.3_CN_W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Cyanide			10	9.1	CA

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA2 Date: 07/01/05

Flame AA ID Number: TestCode: ILM5.3 ICP W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Aluminum	308.21		200	14	P
Antimony	206.83		60	1.2	P
Barium	233.53		200	2.1	P
Beryllium	313.11		5.0	0.15	P
Boron	123.45		500	39	P
Cadmium	226.50		5.0	0.10	P
Calcium	227.54		5000	33	P
Chromium	267.72		10	0.38	P
Cobalt	228.62		50	0.15	P
Copper	324.75		25	6.3	P
Iron	273.96		100	19	P
Lead	220.35		10	0.46	P
Magnesium	279.08		5000	20	P
Manganese	257.61		15	1.8	P
Nickel	231.60		40	0.59	P
Selenium	196.03		35	0.98	P
Silver	328.07		10	0.91	P
Vanadium	292.40		50	0.47	P
Zinc	206.20		60	2.3	P

Comments:

U.S. EPA - CLP

9
METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 Date: 07/01/05

Flame AA ID Number: TestCode: ILM5.3 ICP W

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (UG/L)	MDL (UG/L)	M
Arsenic	188.98		10	1.6	P
Potassium	766.49		5000	160	P
Sodium	589.59		5000	130	P
Thallium	190.80		25	1.2	P

Comments:

U.S. EPA - CLP

10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA2 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Cr
Aluminum	308.21		0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0174150	-0.0031006	0.1190830	0.0081035	5.7478200
Arsenic	188.97	0.0728007	0.0000000	0.0111660	0.0111660	-5.3346900
Barium	233.52	0.0046014	0.0068611	0.1471710	0.0036820	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0035740	0.0000000	0.0664913	0.0000000	0.0000000
Calcium	227.54	-0.5000390		12.8307000	0.0000000	5.5746300
Chromium	267.71	0.0000000	0.0000000	0.0000000	0.0000000	
Cobalt	228.61	0.0000000	0.0000000	0.0250613	0.0000000	-0.0557816
Copper	324.75	0.0072906	0.0039852	-0.1106930	0.0033097	0.1265570
Iron	273.95	0.0000000	0.0000000		0.0000000	0.0000000
Lead	220.35	-0.2678550	-0.0170279	-0.0228521	0.0021432	-0.1462470
Magnesium	279.07	0.0000000	0.0000000	-0.3250520		0.0000000
Manganese	257.61	-0.0388603	0.0047481	-0.5591400	0.0077324	-0.5826900
Nickel	231.60	0.0000000	0.0000000	0.0000302	0.0000000	0.0000000
Selenium	196.02	-0.0555964	-0.0182908	-0.0004092	-0.0058448	-0.0625148
Silver	328.06	0.3719790	0.5376300	-0.0000575	0.0509589	0.1291050
Sodium	330.24	0.3088000	0.5913160	-1.5536100	0.0000000	0.0000000
Thallium	190.80	0.0623562	-0.0110972	0.0000000	0.0062609	0.1560700
Vanadium	292.40	0.0000000	0.0000000	-0.0108800	-0.0030049	-1.6625200
Zinc	206.2	0.0105770	0.0063648	0.0243549	0.0478891	-2.4316200

Comments:

U.S. EPA - CLP

10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA2 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cu	Mn	Ni	Tl	Ti
Aluminum	308.21	0.0000000	3.5113200	0.0000000	0.0000000	7.7972300
Antimony	206.83	0.0635122	0.0000000	-0.6345370	0.0000000	0.0000000
Arsenic	188.97	0.0950247	0.0943115	0.0353420	0.0000000	0.0000000
Barium	233.52	0.0000000	0.0000000	0.0363350	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	-1.3160900
Cadmium	226.50	0.0000000	0.0000000	-0.2330110	0.0000000	0.0000000
Calcium	227.54	15.2080000	4.8753100	26.9670000	0.0000000	9.7776700
Chromium	267.71	0.3955010	0.5395740	0.0680176	0.1064640	0.3212980
Cobalt	228.61	0.0000000	0.0000000	0.1294980	0.0000000	1.6297500
Copper	324.75		0.7489700	0.1716190	0.2134400	0.6450550
Iron	273.95	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0913612	0.0505016	-0.6345370	0.0000000	-0.5608130
Magnesium	279.07	0.0000000	-17.7574000	0.0000000	0.0000000	-7.9278400
Manganese	257.61	0.0000000		0.0224954	0.1603130	0.4882460
Nickel	231.60	0.0000000	0.0000000		0.9385730	1.7139400
Selenium	196.02	0.0619276	0.6810920	0.0000000	0.0000000	0.0000000
Silver	328.06	0.1111620	0.0927470	0.0262930	0.0894754	0.0000000
Sodium	330.24	-11.2798000	0.0000000	0.0000000	0.0000000	-588.4260000
Thallium	190.80	0.0000000	-1.3575900	-0.0201988		0.5053050
Vanadium	292.40	0.0000000	-0.0678184	0.0000000	0.0000000	0.2716680
Zinc	206.2	0.0000000	0.1280170	0.0329218	0.2110700	0.5658720

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA2 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	___	___	___	___
Aluminum	308.21	14.9737000				
Antimony	206.83	-1.4152400				
Arsenic	188.97	0.0696804				
Barium	233.52	0.5825770				
Beryllium	313.10	0.0000000				
Cadmium	226.50	0.0000000				
Calcium	227.54	42.7958000				
Chromium	267.71	-0.1479760				
Cobalt	228.61	0.0000000				
Copper	324.75	-0.2133690				
Iron	273.95	58.8950000				
Lead	220.35	-0.0935740				
Magnesium	279.07	-1.7446300				
Manganese	257.61	-0.1035920				
Nickel	231.60	0.1378080				
Selenium	196.02	0.2808450				
Silver	328.06	-1.0256500				
Sodium	330.24	0.0000000				
Thallium	190.80	2.1012200				
Vanadium	292.40					
Zinc	206.2	0.0217066				

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Cr
Aluminum	308.21		0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	-0.0517312	0.0000000	15.4803000
Arsenic	188.97	0.0045356	0.0024744	-0.0285871	0.0092064	0.1871210
Barium	233.52	0.0025226	0.0068006	0.0333679	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0411486	0.0000000	0.0000000
Calcium	227.54	0.0000000		27.1137000	0.2574310	4.3574700
Chromium	267.71	0.0000000	0.0021322	-0.0049863	0.0000000	
Cobalt	228.61	0.0000000	0.0000000	0.0222111	0.0000000	-0.0728049
Copper	324.75	0.0134956	0.0000000	-0.2539560	-0.0033103	-0.0915122
Iron	273.95	0.0000000	0.0000000		0.0000000	0.0000000
Lead	220.35	-0.0876746	-0.0229064	0.0293723	0.0033855	-0.0939601
Magnesium	279.07	0.0000000	0.0000000	0.6940750		0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0238222	-0.0405452
Nickel	231.60	0.0000000	0.0031128	0.0185769	0.0000000	0.0000000
Selenium	196.02	-0.0296877	-0.0209754	-0.1962320	-0.0169028	0.0432675
Silver	328.06	0.3670370	0.5515260	0.0549539	0.0058626	0.0000000
Sodium	330.24	0.0721289	1.6032800	-1.5017600	-0.0869609	10.6933000
Thallium	190.80	0.0000000	0.0099136	-0.0481012	-0.0155318	0.2873470
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	-2.5362100
Zinc	206.2	0.0055655	0.0000000	0.0134116	0.0450133	-3.7838400

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cu	Mn	Ni	Tl	Ti
Aluminum	308.21	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0782287	-0.1102270	-0.8122530	0.0000000	0.2031080
Arsenic	188.97	0.0000000	0.0000000	0.0186825	-0.0952024	0.0000000
Barium	233.52	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	-1.1853200
Cadmium	226.50	0.0000000	0.0000000	-0.2560290	0.0000000	0.0000000
Calcium	227.54	9.2404200	4.8478000	45.3181000	0.0000000	6.0943300
Chromium	267.71	0.0000000	0.2669770	0.0000000	0.0000000	0.1082320
Cobalt	228.61	0.0000000	0.0000000	0.0935109	0.0000000	2.1801300
Copper	324.75		0.0000000	0.0000000	0.0865919	0.1871190
Iron	273.95	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.2515750	0.1073900	0.0000000	0.0000000	-0.1902580
Magnesium	279.07	0.0000000	-3.4112600	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000		0.0000000	0.1517340	0.5352630
Nickel	231.60	0.0000000	0.0507419		0.2032970	0.0014408
Selenium	196.02	-0.0634704	0.8209090	0.0315190	-0.1350020	-0.1919800
Silver	328.06	0.0000000	0.0774532	-0.0602150	-0.0850740	0.3390440
Sodium	330.24	-4.8099800	0.0000000	2.6787200	-4.5025700	380.7280000
Thallium	190.80	0.0000000	-2.3409500	0.0450492		0.7407530
Vanadium	292.40	0.0000000	-0.0539501	0.0000000	0.0000000	0.6419912
Zinc	206.2	0.0000000	0.3582140	0.0000000	0.1493410	0.4049780

Comments:

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10A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 Date: 3/30/05

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	___	___	___	___
Aluminum	308.21	-24.1150000				
Antimony	206.83	-0.1104220				
Arsenic	188.97	0.1568980				
Barium	233.52	-0.6748410				
Beryllium	313.10	-0.0346689				
Cadmium	226.50	0.0000000				
Calcium	227.54	58.0892000				
Chromium	267.71	-0.3813230				
Cobalt	228.61	0.0000000				
Copper	324.75	-0.1314340				
Iron	273.95	30.6163000				
Lead	220.35	-0.0674069				
Magnesium	279.07	0.0000000				
Manganese	257.61	-0.0342472				
Nickel	231.60	0.0000000				
Selenium	196.02	-0.0783879				
Silver	328.06	-5.7249500				
Sodium	330.24	3.2989700				
Thallium	190.80	0.0000000				
Vanadium	292.40					
Zinc	206.2	0.0000000				

Comments:

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11
ICP LINEAR RANGES (QUARTERLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA2 Date: 07/01/2005

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	0.20	500000	P
Antimony	0.20	25000	P
Barium	0.20	50000	P
Beryllium	0.20	1000	P
Boron	0.20	0	P
Cadmium	0.20	10000	P
Calcium	0.20	500000	P
Chromium	0.20	50000	P
Cobalt	0.20	50000	P
Copper	0.20	25000	P
Iron	0.20	300000	P
Lead	0.20	100000	P
Magnesium	0.20	500000	P
Manganese	0.20	25000	P
Nickel	0.20	100000	P
Selenium	0.20	25000	P
Silver	0.20	2500	P
Vanadium	0.20	100000	P
Zinc	0.20	25000	P

Comments:

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11
ICP LINEAR RANGES (QUARTERLY)

Lab Name: Mitkem Corporation Contract: TN 000699.NV26.02

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

ICP ID Number: OPTIMA3 Date: 07/01/2005

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Arsenic	0.20	25000	P
Potassium	0.20	250000	P
Sodium	0.20	250000	P
Thallium	0.20	25000	P

Comments:

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12
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Method: CA

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
MW12-W-O	08/31/05		50
PBW	08/31/05		50
SB-RB-W-R	08/31/05		50
SB-RB-W-RD	08/31/05		50
SB-RB-W-RS	08/31/05		50

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12
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSW	09/13/05		50
PBW	09/13/05		50
SB-RB-W-R	09/13/05		50
SB-RB-W-RD	09/13/05		50
SB-RB-W-RS	09/13/05		50

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12
PREPARATION LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
PBW	09/13/05		100
SB-RB-W-R	09/13/05		136

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13
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: FIMS1 Method: CV

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0956																X									
S0.2	1.00	0958																X									
S1.0	1.00	0959																X									
S2.0	1.00	1000																X									
S5.0	1.00	1002																X									
S10.0	1.00	1003																X									
ZZZZZZ	1.00	1004																										
ZZZZZZ	1.00	1006																										
ZZZZZZ	1.00	1007																										
ICV	1.00	1010																X									
ICB	1.00	1011																X									
CRA	1.00	1013																X									
CCV	1.00	1014																X									
CCB	1.00	1015																X									
PBW	1.00	1017																X									
ZZZZZZ	1.00	1018																										
ZZZZZZ	1.00	1019																										
CCV	1.00	1021																X									
CCB	1.00	1022																X									
ZZZZZZ	1.00	1023																										
ZZZZZZ	1.00	1025																										
ZZZZZZ	1.00	1026																										
ZZZZZZ	1.00	1027																										
ZZZZZZ	1.00	1029																										
ZZZZZZ	1.00	1030																										
ZZZZZZ	1.00	1031																										
SB-RB-W-R	1.00	1033																X									
ZZZZZZ	1.00	1033																										
CRA	1.00	1036																X									
CCV	1.00	1037																X									
CCB	1.00	1039																X									

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13
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: LACHAT1 Method: CA

Start Date: 09/02/2005 End Date: 09/02/2005

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1012																									X
S0.01	1.00	1014																									X
S0.025	1.00	1017																									X
S0.05	1.00	1019																									X
S0.10	1.00	1022																									X
S0.20	1.00	1024																									X
S0.40	1.00	1027																									X
ICV	1.00	1030																									X
ICB	1.00	1033																									X
CRA	1.00	1035																									X
CCV	1.00	1038																									X
CCB	1.00	1041																									X
ZZZZZZ	1.00	1043																									
ZZZZZZ	1.00	1046																									
PBW	1.00	1048																									X
SB-RB-W-R	1.00	1051																									X
CCV	1.00	1053																									X
CCB	1.00	1056																									X
SB-RB-W-RD	1.00	1058																									X
SB-RB-W-RS	1.00	1101																									X
MW12-W-O	1.00	1103																									X
ZZZZZZ	1.00	1106																									
ZZZZZZ	1.00	1108																									
ZZZZZZ	1.00	1111																									
ZZZZZZ	1.00	1113																									
ZZZZZZ	1.00	1116																									
CCV	1.00	1119																									X
CCB	1.00	1121																									X

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13
ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA2 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

B SBL 10/4/05

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	NG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1512		X																										
S1	1.00	1514		X																										
S2	1.00	1516		X																										
S3	1.00	1519		X																										
ZZZZZZ	1.00	1521																												
ICV	1.00	1523		X																										
ICB	1.00	1526		X																										
ICSA	1.00	1528		X																										
ICSAB	1.00	1530		X																										
CCV	1.00	1533		X																										
CCB	1.00	1535		X																										
PBW	1.00	1537		X																										
LCSW	1.00	1540		X																										
SB-RB-W-R	1.00	1542		X																										
SB-RB-W-RD	1.00	1544		X																										
SB-RB-W-RS	1.00	1546		X																										
SB-RB-W-RL	5.00	1549		X																										
ZZZZZZ	1.00	1551																												
ZZZZZZ	1.00	1553																												
ZZZZZZ	1.00	1556																												
ZZZZZZ	1.00	1558																												
CCV	1.00	1600		X																										
CCB	1.00	1603		X																										
ZZZZZZ	1.00	1605																												
ZZZZZZ	1.00	1607																												
ZZZZZZ	1.00	1610																												
ZZZZZZ	1.00	1612																												
ZZZZZZ	1.00	1615																												
ZZZZZZ	5.00	1617																												
ICSA	1.00	1619		X																										
ICSAB	1.00	1621		X																										
CCV	1.00	1624		X																										
CCB	1.00	1626		X																										

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA2 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1020		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
S1	1.00	1024		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
ICV	1.00	1028		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
ICB	1.00	1039		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
CRI	1.00	1044			X			X	X		X	X	X		X		X		X		X	X			X	X	
ICSA	1.00	1048		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
ICSAB	1.00	1050		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
CCV	1.00	1053		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
CCB	1.00	1058		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
PBW	1.00	1102		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
LCSW	1.00	1106		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
SB-RB-W-R	1.00	1110		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
SB-RB-W-RD	1.00	1114		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
SB-RB-W-RS	1.00	1118		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
SB-RB-W-RL	5.00	1122		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
SB-RB-W-RA	1.00	1126													X												
ZZZZZZ	1.00	1130																									
CCV	1.00	1134		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
CCB	1.00	1139		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
ZZZZZZ	1.00	1143																									
ZZZZZZ	1.00	1147																									
ZZZZZZ	1.00	1151																									
ZZZZZZ	1.00	1155																									
ZZZZZZ	1.00	1159																									
CRI	1.00	1208			X			X	X		X	X	X		X		X		X		X	X			X	X	
ICSA	1.00	1212		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
ICSAB	1.00	1214		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
CCV	1.00	1217		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	
CCB	1.00	1222		X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X	

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1340																				X				
S1	1.00	1342																				X				
ICV	1.00	1345																				X				
ICB	1.00	1347																				X				
ICSA	1.00	1349																				X				
ICSAB	1.00	1352																				X				
CCV	1.00	1354																				X				
CCB	1.00	1356																				X				
ZZZZZZ	1.00	1359																								
ZZZZZZ	1.00	1401																								
ZZZZZZ	1.00	1403																								
ZZZZZZ	1.00	1406																								
ZZZZZZ	1.00	1408																								
ZZZZZZ	5.00	1410																								
ZZZZZZ	1.00	1413																								
ZZZZZZ	5.00	1415																								
ZZZZZZ	1.00	1417																								
ZZZZZZ	1.00	1420																								
CCV	1.00	1422																				X				
CCB	1.00	1425																				X				
ZZZZZZ	1.00	1427																								
ZZZZZZ	5.00	1429																								
ZZZZZZ	1.00	1432																								
ZZZZZZ	1.00	1434																								
ZZZZZZ	1.00	1436																								
ZZZZZZ	1.00	1439																								
ZZZZZZ	1.00	1441																								
ICSA	1.00	1443																				X				
ICSAB	1.00	1446																				X				
CCV	1.00	1448																				X				
CCB	1.00	1451																				X				
ZZZZZZ	5.00	1453																								
ZZZZZZ	1.00	1455																								
ZZZZZZ	1.00	1458																								
ZZZZZZ	1.00	1500																								

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1502																										
ZZZZZZ	1.00	1505																										
ZZZZZZ	1.00	1507																										
ZZZZZZ	1.00	1509																										
ZZZZZZ	1.00	1512																										
ZZZZZZ	1.00	1514																										
CCV	1.00	1516																				X						
CCB	1.00	1519																				X						
ZZZZZZ	1.00	1521																										
ZZZZZZ	1.00	1523																										
ZZZZZZ	1.00	1526																										
ZZZZZZ	1.00	1528																										
ZZZZZZ	1.00	1531																										
ZZZZZZ	1.00	1533																										
ZZZZZZ	1.00	1535																										
ICSA	1.00	1538																				X						
ICSAB	1.00	1540																				X						
CCV	1.00	1542																				X						
CCB	1.00	1545																				X						
ZZZZZZ	1.00	1547																										
PBW	1.00	1549																				X						
LCSW	1.00	1552																				X						
SB-RB-W-R	1.00	1554																				X						
SB-RB-W-RD	1.00	1556																				X						
SB-RB-W-RL	5.00	1559																				X						
ZZZZZZ	1.00	1601																										
ZZZZZZ	1.00	1604																										
ZZZZZZ	1.00	1606																										
ZZZZZZ	1.00	1608																										
CCV	1.00	1611																				X						
CCB	1.00	1613																				X						
ZZZZZZ	1.00	1615																										
ZZZZZZ	1.00	1618																										
ZZZZZZ	1.00	1620																										
ZZZZZZ	1.00	1622																										

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1625																										
ZZZZZZ	5.00	1627																										
ZZZZZZ	1.00	1630																										
ZZZZZZ	1.00	1632																										
ICSA	1.00	1634																					X					
ICSAB	1.00	1637																					X					
CCV	1.00	1639																					X					
CCB	1.00	1641																					X					

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1723																		X							
S1	1.00	1726																		X							
ICV	1.00	1728																		X							
ICB	1.00	1730																		X							
ICSA	1.00	1733																		X							
ICSAB	1.00	1735																		X							
CCV	1.00	1738																		X							
CCB	1.00	1740																		X							
ZZZZZZ	1.00	1742																									
ZZZZZZ	1.00	1745																									
ZZZZZZ	1.00	1747																									
ZZZZZZ	1.00	1749																									
ZZZZZZ	1.00	1752																									
ZZZZZZ	5.00	1754																									
ZZZZZZ	1.00	1756																									
ZZZZZZ	5.00	1759																									
ZZZZZZ	1.00	1801																									
ZZZZZZ	1.00	1803																									
CCV	1.00	1806																		X							
CCB	1.00	1808																		X							
ZZZZZZ	1.00	1810																									
ZZZZZZ	5.00	1813																									
ZZZZZZ	1.00	1815																									
ZZZZZZ	1.00	1818																									
ZZZZZZ	1.00	1820																									
ZZZZZZ	1.00	1822																									
ZZZZZZ	1.00	1825																									
ICSA	1.00	1827																		X							
ICSAB	1.00	1829																		X							
CCV	1.00	1832																		X							
CCB	1.00	1834																		X							
ZZZZZZ	5.00	1836																									
ZZZZZZ	1.00	1839																									
ZZZZZZ	1.00	1841																									
ZZZZZZ	1.00	1843																									

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1846																									
ZZZZZZ	1.00	1848																									
ZZZZZZ	1.00	1850																									
ZZZZZZ	1.00	1853																									
ZZZZZZ	1.00	1855																									
ZZZZZZ	1.00	1857																									
CCV	1.00	1900																	X								
CCB	1.00	1902																	X								
ZZZZZZ	1.00	1905																									
ZZZZZZ	1.00	1907																									
ZZZZZZ	1.00	1909																									
ZZZZZZ	1.00	1912																									
ZZZZZZ	1.00	1914																									
ZZZZZZ	1.00	1916																									
ZZZZZZ	1.00	1919																									
ICSA	1.00	1921																	X								
ICSAB	1.00	1923																	X								
CCV	1.00	1926																	X								
CCB	1.00	1928																	X								
ZZZZZZ	1.00	1930																									
PBW	1.00	1933																	X								
LCSW	1.00	1935																	X								
SB-RB-W-R	1.00	1937																	X								
SB-RB-W-RD	1.00	1940																	X								
SB-RB-W-RL	5.00	1942																	X								
ZZZZZZ	1.00	1945																									
ZZZZZZ	1.00	1947																									
ZZZZZZ	1.00	1949																									
ZZZZZZ	1.00	1952																									
CCV	1.00	1954																	X								
CCB	1.00	1956																	X								
ZZZZZZ	1.00	1959																									
ZZZZZZ	1.00	2001																									
ZZZZZZ	1.00	2003																									
ZZZZZZ	1.00	2006																									

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/14/2005 End Date: 09/14/2005

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	2008																										
ZZZZZZ	5.00	2010																										
ZZZZZZ	1.00	2013																										
ZZZZZZ	1.00	2015																										
ICSA	1.00	2017																		X								
ICSAB	1.00	2020																		X								
CCV	1.00	2022																		X								
CCB	1.00	2025																		X								

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ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: TN 000699.NV26

Lab Code: MITKEM Case No. SAS No.: SDG No.: MD1004

Instrument ID Number: OPTIMA3 Method: P

Start Date: 09/15/2005 End Date: 09/15/2005

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SO	1.00	0922				X																	X			
S1	1.00	0925				X																	X			
ICV	1.00	0928				X																	X			
ICB	1.00	0930				X																	X			
CRI	1.00	0934				X																	X			
ICSA	1.00	0937				X																	X			
ICSAB	1.00	0940				X																	X			
CCV	1.00	0943				X																	X			
CCB	1.00	0946				X																	X			
PBW	1.00	0956				X																	X			
LCSW	1.00	0959				X																	X			
SB-RB-W-R	1.00	1002				X																	X			
SB-RB-W-RD	1.00	1005				X																	X			
SB-RB-W-RS	1.00	1008				X																	X			
SB-RB-W-RL	5.00	1011				X																	X			
ZZZZZZ	1.00	1014																								
ZZZZZZ	1.00	1018																								
ZZZZZZ	1.00	1021																								
ZZZZZZ	1.00	1024																								
CCV	1.00	1027				X																	X			
CCB	1.00	1030				X																	X			
ZZZZZZ	1.00	1033																								
ZZZZZZ	1.00	1037																								
ZZZZZZ	1.00	1040																								
ZZZZZZ	1.00	1043																								
ZZZZZZ	1.00	1046																								
ZZZZZZ	1.00	1049																								
CRI	1.00	1052				X																	X			
ICSA	1.00	1055				X																	X			
ICSAB	1.00	1059				X																	X			
CCV	1.00	1102				X																	X			
CCB	1.00	1105				X																	X			

Instrument Raw Data

- [x] ICP
- [x] Mercury
- [x] Cyanide

Analysis Begun

Start Time: 9/14/05 3:12:11 PM
Logged In Analyst: optima2
Spectrometer Model: Optima 3100 XL
Plasma On Time: 9/14/05 8:25:50 AM
Technique: ICP Continuous
Autosampler Model: AS-91

Sample Information File: D:\pe\administrator\Sample Information\B-RUN.sif
Results Data Set: A05091404
Results Library: D:\pe\administrator\Results\Results.mdb

Method Loaded
Method Name: B 6010
IEC File:
Method Description: Working method
Method Last Saved: 9/22/03 1:12:22 PM
MSF File:

Sequence No.: 1
Sample ID: S0
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 9/14/05 3:12:11 PM
Sample Prep Volume:
Data Type: Original

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
B 249.772	-6533.7	5.45	0.08%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 9
Date Collected: 9/14/05 3:14:29 PM
Sample Prep Volume:
Data Type: Original

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
B 249.772	848772.6	6015.07	0.71%	[5.0]	mg/L

Sequence No.: 3
Sample ID: S2
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 10
Date Collected: 9/14/05 3:16:48 PM
Sample Prep Volume:
Data Type: Original

Mean Data: S2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
B 249.772	432478.5	1718.69	0.40%	[2.5]	mg/L

Sequence No.: 4
Sample ID: S3
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 11
Date Collected: 9/14/05 3:19:06 PM
Sample Prep Volume:
Data Type: Original

Mean Data: S3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
B 249.772	91482.4	192.53	0.21%	[0.5]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
B 249.772	3	Lin Thru 0	0.0	170500	0.00000	0.999950	

Sequence No.: 5 **Autosampler Location: 9**
Sample ID: CHECK **Date Collected: 9/14/05 3:21:24 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: CHECK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	860093.1	5.0445	mg/L	0.02466	5.0445	mg/L	0.02466	0.49%

Sequence No.: 6 **Autosampler Location: 3**
Sample ID: ICV **Date Collected: 9/14/05 3:23:44 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	418594.6	2.4551	mg/L	0.05270	2.4551	mg/L	0.05270	2.15%

Sequence No.: 7 **Autosampler Location: 4**
Sample ID: ICB **Date Collected: 9/14/05 3:26:04 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	9349.9	0.0548	mg/L	0.00104	0.0548	mg/L	0.00104	1.90%

Sequence No.: 8 **Autosampler Location: 5**
Sample ID: ICSA **Date Collected: 9/14/05 3:28:25 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	33568.0	0.1969	mg/L	0.00137	0.1969	mg/L	0.00137	0.69%

Sequence No.: 9 **Autosampler Location: 6**
Sample ID: ICSAB **Date Collected: 9/14/05 3:30:46 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	32183.9	0.1888	mg/L	0.00114	0.1888	mg/L	0.00114	0.61%

Sequence No.: 10
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/14/05 3:33:08 PM
Sample Prep Volume:
Data Type: Original

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
B 249.772	413741.2	2.4266	mg/L	0.00174	2.4266	mg/L	0.00174	0.07%

Sequence No.: 11
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/14/05 3:35:29 PM
Sample Prep Volume:
Data Type: Original

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
B 249.772	7021.6	0.0412	mg/L	0.00098	0.0412	mg/L	0.00098	2.37%

Sequence No.: 12
Sample ID: MB-19953,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 40
Date Collected: 9/14/05 3:37:50 PM
Sample Prep Volume:
Data Type: Original

Mean Data: MB-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
B 249.772	6090.3	0.0357	mg/L	0.00063	0.0357	mg/L	0.00063	1.77%

Sequence No.: 13
Sample ID: LCS-19953,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 41
Date Collected: 9/14/05 3:40:05 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCS-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
B 249.772	423429.8	2.4834	mg/L	0.01476	2.4834	mg/L	0.01476	0.59%

Sequence No.: 14
Sample ID: D1004-01D,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 42
Date Collected: 9/14/05 3:42:23 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1004-01D,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
B 249.772	7500.7	0.0440	mg/L	0.00065	0.0440	mg/L	0.00065	1.48%

Sequence No.: 15
Sample ID: D1004-01DDUP,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 43
Date Collected: 9/14/05 3:44:40 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1004-01DDUP,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	5394.9	0.0316	mg/L	0.00017	0.0316	mg/L	0.00017	0.53%

Sequence No.: 16
Sample ID: D1004-01DMS,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 44
Date Collected: 9/14/05 3:46:57 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1004-01DMS,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	415226.7	2.4353	mg/L	0.02927	2.4353	mg/L	0.02927	1.20%

Sequence No.: 17
Sample ID: D1004-01DSD,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 45
Date Collected: 9/14/05 3:49:16 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1004-01DSD,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	6602.4	0.0387	mg/L	0.00173	0.0387	mg/L	0.00173	4.47%

Sequence No.: 18
Sample ID: ~~MB-19935,19935~~ MB-19935, 19953 9/14/05 DW
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 47
Date Collected: 9/14/05 3:51:35 PM
Sample Prep Volume:
Data Type: Original

Mean Data: MB-19935,19935

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	5844.9	0.0343	mg/L	0.00000	0.0343	mg/L	0.00000	0.01%

Sequence No.: 19
Sample ID: D1045-02C,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 48
Date Collected: 9/14/05 3:53:54 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1045-02C,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	15852.4	0.0930	mg/L	0.00084	0.0930	mg/L	0.00084	0.91%

Sequence No.: 20
Sample ID: ~~D1045-03C,19953~~ DW 9/14/05
Analyst:
Sample Wt: D1045-04F, 19953
Dilution:
Autosampler Location: 49
Date Collected: 9/14/05 3:56:14 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1045-03C,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	78833.7	0.4624	mg/L	0.00030	0.4624	mg/L	0.00030	0.06%

Sequence No.: 21
Sample ID: ~~D1045-04F,19953~~ D1045-05F, 19953 RW 9/14/05
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 50
Date Collected: 9/14/05 3:58:35 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1045-04F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
B 249.772	78279.8	0.4591	mg/L	0.00028	0.4591	mg/L	0.00028	0.06%

Sequence No.: 22
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/14/05 4:00:56 PM
Sample Prep Volume:
Data Type: Original

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
B 249.772	415213.4	2.4352	mg/L	0.03242	2.4352	mg/L	0.03242	1.33%

Sequence No.: 23
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/14/05 4:03:16 PM
Sample Prep Volume:
Data Type: Original

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
B 249.772	6136.2	0.0360	mg/L	0.00084	0.0360	mg/L	0.00084	2.32%

Sequence No.: 24
Sample ID: ~~D1045-05F,19953~~ D1045-06F, 19953. RW 9/14/05
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 51
Date Collected: 9/14/05 4:05:37 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1045-05F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
B 249.772	8630.8	0.0506	mg/L	0.00201	0.0506	mg/L	0.00201	3.96%

Sequence No.: 25
Sample ID: ~~D1045-06F,19953~~ D1045-07F,19953 RW 9/14/05
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 52
Date Collected: 9/14/05 4:07:58 PM
Sample Prep Volume:
Data Type: Original

Mean Data: D1045-06F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
B 249.772	85624.7	0.5022	mg/L	0.00034	0.5022	mg/L	0.00034	0.07%

Sequence No.: 26
Sample ID: D1045-07F,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 53
Date Collected: 9/14/05 4:10:20 PM
Sample Prep Volume:
Data Type: Original

D1045-08F, 19953 DW 9/14/05

Mean Data: D1045-07F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	11125.2	0.0652	mg/L	0.00025	0.0652	mg/L	0.00025	0.38%

Sequence No.: 27
Sample ID: D1045-08F19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 54
Date Collected: 9/14/05 4:12:43 PM
Sample Prep Volume:
Data Type: Original

DW 9/14/05

D1045-09F, 19953

Mean Data: D1045-08F19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	6776.2	0.0397	mg/L	0.00061	0.0397	mg/L	0.00061	1.53%

Sequence No.: 28
Sample ID: D1045-09F,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 55
Date Collected: 9/14/05 4:15:05 PM
Sample Prep Volume:
Data Type: Original

DW 9/14/05

D1045-11H, 19953

Mean Data: D1045-09F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	6492.2	0.0381	mg/L	0.00071	0.0381	mg/L	0.00071	1.86%

Sequence No.: 29
Sample ID: D1045-11H,19953
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 56
Date Collected: 9/14/05 4:17:20 PM
Sample Prep Volume:
Data Type: Original

D1045-11HSD, 19953

DW 9/14/05

Mean Data: D1045-11H,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	3215.4	0.0189	mg/L	0.00054	0.0189	mg/L	0.00054	2.88%

Sequence No.: 30
Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 9/14/05 4:19:35 PM
Sample Prep Volume:
Data Type: Original

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	29194.3	0.1712	mg/L	0.00194	0.1712	mg/L	0.00194	1.13%

Sequence No.: 31
Sample ID: ICSAB
Analyst:
Sample Wt:
Dilution:
Autosampler Location: 6
Date Collected: 9/14/05 4:21:57 PM
Sample Prep Volume:
Data Type: Original

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	29344.7	0.1721	mg/L	0.00106	0.1721	mg/L	0.00106	0.61%

Sequence No.: 32
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/05 4:24:20 PM
Sample Prep Volume:
Data Type: Original

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	414511.9	2.4311	mg/L	0.01276	2.4311	mg/L	0.01276	0.52%

Sequence No.: 33
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/05 4:26:40 PM
Sample Prep Volume:
Data Type: Original

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
B 249.772	4830.0	0.0283	mg/L	0.00014	0.0283	mg/L	0.00014	0.51%

Reprocessing Begun
Logged In Analyst: optima2 Technique: ICP Continuous

Results Data Set (original): A05091403
Results Library (original): D:\pe\administrator\Results\Results.mdb
Results Data Set (reprocessed): A05091403B
Results Library (reprocessed): D:\pe\administrator\Results\Results.mdb

Sequence No.: 1 Autosampler Location: 1
Sample ID: S0 Date Collected: 9/14/05 10:20:31 AM
Analyst:
Sample Wt: Sample Prep Volume:
Dilution: Data Type: Reprocessed on 9/14/05 6:38:31 PM,

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-8653.3	56.19	0.65%	[0.00]	mg/L
Al 308.215	15771.7	33.62	0.21%	[0.00]	mg/L
As 188.979	-93.8	1.84	1.96%	[0.00]	mg/L
Ba 233.527	131.5	6.89	5.24%	[0.00]	mg/L
Be 313.107	-795.1	16.41	2.06%	[0.00]	mg/L
Co 228.616	-106.0	5.27	4.97%	[0.00]	mg/L
Cr 267.716	2911.2	1.93	0.07%	[0.00]	mg/L
Cu 324.752	12303.0	85.34	0.69%	[0.00]	mg/L
Fe 273.955	-2780.0	9.37	0.34%	[0.00]	mg/L
Mg 279.077	-18245.6	72.33	0.40%	[0.00]	mg/L
Mn 257.610	-2440.8	14.16	0.58%	[0.00]	mg/L
Ni 231.604	-117.0	7.12	6.08%	[0.00]	mg/L
Pb 220.353	-91.2	5.36	5.87%	[0.00]	mg/L
Sb 206.836	246.8	0.98	0.40%	[0.00]	mg/L
Se 196.026	131.9	1.25	0.95%	[0.00]	mg/L
Tl 190.801	48.4	0.18	0.38%	[0.00]	mg/L
V 292.402	580.2	50.71	8.74%	[0.00]	mg/L
Zn 206.200	-319.0	9.08	2.85%	[0.00]	mg/L
Na 330.237	-571.1	213.83	37.44%	[0.00]	mg/L
Cd 226.502	-134.3	7.71	5.74%	[0.00]	mg/L
Ti 334.940	1441.2	90.84	6.30%	[0.00]	mg/L
Ca 227.546	-2921.8	5.42	0.19%	[0.00]	mg/L

Sequence No.: 2 Autosampler Location: 2
Sample ID: S1 Date Collected: 9/14/05 10:24:35 AM
Analyst:
Sample Wt: Sample Prep Volume:
Dilution: Data Type: Reprocessed on 9/14/05 6:38:32 PM,

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1116573.3	5009.21	0.45%	[2.5]	mg/L
Al 308.215	793834.8	2051.91	0.26%	[20]	mg/L
As 188.979	884.3	4.73	0.54%	[1]	mg/L
Ba 233.527	1512369.4	4898.42	0.32%	[20]	mg/L
Be 313.107	3330559.7	50058.95	1.50%	[0.5]	mg/L
Co 228.616	112690.9	281.11	0.25%	[5]	mg/L
Cr 267.716	372271.8	1598.11	0.43%	[2]	mg/L
Cu 324.752	930341.5	2394.79	0.26%	[2.5]	mg/L
Fe 273.955	423109.5	986.64	0.23%	[10]	mg/L
Mg 279.077	2033014.1	7212.02	0.35%	[50]	mg/L
Mn 257.610	2791161.0	22345.86	0.80%	[5]	mg/L
Ni 231.604	336278.3	1054.75	0.31%	[5]	mg/L
Pb 220.353	9762.0	26.17	0.27%	[1]	mg/L
Sb 206.836	1634.9	28.90	1.77%	[1]	mg/L
Se 196.026	1451.8	0.04	0.00%	[1]	mg/L
Tl 190.801	816.4	5.71	0.70%	[1]	mg/L

V 292.402	1536283.5	3831.04	0.25%	[5] mg/L
Zn 206.200	199336.8	729.21	0.37%	[5] mg/L
Na 330.237	98056.1	229.43	0.23%	[50] mg/L
Cd 226.502	75770.8	122.22	0.16%	[0.5] mg/L
Ti 334.940	1404242.4	5160.19	0.37%	[1] mg/L
Ca 227.546	16384.6	14.63	0.09%	[50] mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	446600	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	39690	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	884.3	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	75620	0.00000	1.000000	
Be 313.107	1	Lin Thru 0	0.0	6661000	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	22540	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	186100	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	372100	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	42310	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	40660	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	558200	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	67260	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	9762	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	1635	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	1452	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	816.4	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	307300	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	39870	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	1961	0.00000	1.000000	
Cd 226.502	1	Lin Thru 0	0.0	151500	0.00000	1.000000	
Ti 334.940	1	Lin Thru 0	0.0	1404000	0.00000	1.000000	
Ca 227.546	1	Lin Thru 0	0.0	327.7	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 9/14/05 10:28:51 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:33 PM,

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	889666.6	1.9939	mg/L	0.66138	1.9939	mg/L	0.66138	33.17%
Al 308.215	589224.8	14.775	mg/L	0.1701	14.775	mg/L	0.1701	1.15%
As 188.979	675.5	0.7783	mg/L	0.00328	0.7783	mg/L	0.00328	0.42%
Ba 233.527	1159676.1	15.332	mg/L	0.1472	15.332	mg/L	0.1472	0.96%
Be 313.107	2570292.3	0.3859	mg/L	0.00728	0.3859	mg/L	0.00728	1.89%
Co 228.616	85089.2	3.7747	mg/L	0.05062	3.7747	mg/L	0.05062	1.34%
Cr 267.716	280129.1	1.5024	mg/L	0.02340	1.5024	mg/L	0.02340	1.56%
Cu 324.752	696067.6	1.8685	mg/L	0.03102	1.8685	mg/L	0.03102	1.66%
Fe 273.955	321993.7	7.3885	mg/L	0.08818	7.3885	mg/L	0.08818	1.19%
Mg 279.077	1522432.0	37.519	mg/L	0.4166	37.519	mg/L	0.4166	1.11%
Mn 257.610	2121163.2	3.8023	mg/L	0.04781	3.8023	mg/L	0.04781	1.26%
Ni 231.604	253496.3	3.7675	mg/L	0.04669	3.7675	mg/L	0.04669	1.24%
Pb 220.353	7436.0	0.7665	mg/L	0.00044	0.7665	mg/L	0.00044	0.06%
Sb 206.836	1297.9	0.7816	mg/L	0.00084	0.7816	mg/L	0.00084	0.11%
Se 196.026	1103.1	0.7529	mg/L	0.00011	0.7529	mg/L	0.00011	0.01%
Tl 190.801	622.9	0.7558	mg/L	0.01058	0.7558	mg/L	0.01058	1.40%
V 292.402	1156511.3	3.7669	mg/L	0.02947	3.7669	mg/L	0.02947	0.78%
Zn 206.200	151053.9	3.7895	mg/L	0.02725	3.7895	mg/L	0.02725	0.72%
Na 330.237	72029.5	36.735	mg/L	0.7286	36.735	mg/L	0.7286	1.98%
Cd 226.502	57023.5	0.3770	mg/L	0.00222	0.3770	mg/L	0.00222	0.59%
Ti 334.940	1411.6	0.0022	mg/L	0.00008	0.0022	mg/L	0.00008	3.42%
Ca 227.546	12665.5	38.242	mg/L	0.0643	38.242	mg/L	0.0643	0.17%

Sequence No.: 4
Sample ID: ICB

Autosampler Location: 4
Date Collected: 9/14/05 10:39:54 AM

Analyst:
Sample Wt:
Dilution:

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:34 PM,

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1615.8	0.0036	mg/L	0.00092	0.0036	mg/L	0.00092	25.44%
Al 308.215	13.4	0.0003	mg/L	0.00393	0.0003	mg/L	0.00393	>999.9%
As 188.979	-2.0	-0.0022	mg/L	0.00281	-0.0022	mg/L	0.00281	125.51%
Ba 233.527	24.3	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	20.47%
Be 313.107	210.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	37.12%
Co 228.616	3.3	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	69.29%
Cr 267.716	13.4	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	207.30%
Cu 324.752	425.8	0.0011	mg/L	0.00061	0.0011	mg/L	0.00061	53.11%
Fe 273.955	44.9	0.0011	mg/L	0.00047	0.0011	mg/L	0.00047	44.52%
Mg 279.077	-19.4	-0.0005	mg/L	0.00495	-0.0005	mg/L	0.00495	>999.9%
Mn 257.610	54.5	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	27.20%
Ni 231.604	10.2	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	8.66%
Pb 220.353	-1.7	-0.0002	mg/L	0.00016	-0.0002	mg/L	0.00016	87.63%
Sb 206.836	-0.9	-0.0006	mg/L	0.00099	-0.0006	mg/L	0.00099	177.66%
Se 196.026	-2.6	-0.0018	mg/L	0.00385	-0.0018	mg/L	0.00385	212.87%
Tl 190.801	-3.4	-0.0041	mg/L	0.00047	-0.0041	mg/L	0.00047	11.33%
V 292.402	-11.8	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	257.34%
Zn 206.200	12.6	0.0003	mg/L	0.00013	0.0003	mg/L	0.00013	40.68%
Na 330.237	-173.2	-0.0883	mg/L	0.17598	-0.0883	mg/L	0.17598	199.40%
Cd 226.502	5.4	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	93.34%
Ti 334.940	61.4	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	225.70%
Ca 227.546	-13.7	-0.0417	mg/L	0.02203	-0.0417	mg/L	0.02203	52.79%

Sequence No.: 5
Sample ID: CRI
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 9/14/05 10:44:03 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:35 PM,

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	5657.1	0.0123	mg/L	0.00045	0.0123	mg/L	0.00045	3.61%
Al 308.215	8376.1	0.2102	mg/L	0.00330	0.2102	mg/L	0.00330	1.57%
As 188.979	8.7	0.0100	mg/L	0.00253	0.0100	mg/L	0.00253	25.32%
Ba 233.527	16602.1	0.2194	mg/L	0.00012	0.2194	mg/L	0.00012	0.06%
Be 313.107	34242.4	0.0051	mg/L	0.00002	0.0051	mg/L	0.00002	0.33%
Co 228.616	1215.5	0.0539	mg/L	0.00003	0.0539	mg/L	0.00003	0.06%
Cr 267.716	1933.1	0.0104	mg/L	0.00033	0.0104	mg/L	0.00033	3.21%
Cu 324.752	9694.3	0.0260	mg/L	0.00026	0.0260	mg/L	0.00026	1.00%
Fe 273.955	4614.1	0.1060	mg/L	0.00045	0.1060	mg/L	0.00045	0.43%
Mg 279.077	209814.8	5.1606	mg/L	0.00149	5.1606	mg/L	0.00149	0.03%
Mn 257.610	9413.9	0.0168	mg/L	0.00002	0.0168	mg/L	0.00002	0.10%
Ni 231.604	2860.1	0.0425	mg/L	0.00010	0.0425	mg/L	0.00010	0.23%
Pb 220.353	107.4	0.0111	mg/L	0.00040	0.0111	mg/L	0.00040	3.64%
Sb 206.836	99.0	0.0604	mg/L	0.00143	0.0604	mg/L	0.00143	2.36%
Se 196.026	55.4	0.0382	mg/L	0.00276	0.0382	mg/L	0.00276	7.21%
Tl 190.801	21.6	0.0263	mg/L	0.00174	0.0263	mg/L	0.00174	6.63%
V 292.402	16047.5	0.0523	mg/L	0.00015	0.0523	mg/L	0.00015	0.29%
Zn 206.200	2988.3	0.0748	mg/L	0.00002	0.0748	mg/L	0.00002	0.03%
Na 330.237	8453.4	4.3081	mg/L	0.18161	4.3081	mg/L	0.18161	4.22%
Cd 226.502	795.7	0.0053	mg/L	0.00006	0.0053	mg/L	0.00006	1.21%
Ti 334.940	229.0	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	8.72%
Ca 227.546	1597.2	4.8687	mg/L	0.04539	4.8687	mg/L	0.04539	0.93%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/05 10:48:13 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:36 PM,

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-12121.1	-0.0024	mg/L	0.00117	-0.0024	mg/L	0.00117	48.26%
Al 308.215	19034840.7	479.57	mg/L	4.220	479.57	mg/L	4.220	0.88%
As 188.979	-218.3	-0.0054	mg/L	0.01027	-0.0054	mg/L	0.01027	189.07%
Ba 233.527	1234.3	-0.0170	mg/L	0.00073	-0.0170	mg/L	0.00073	4.30%
Be 313.107	-109.6	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	7.95%
Co 228.616	-226.3	-0.0144	mg/L	0.00049	-0.0144	mg/L	0.00049	3.39%
Cr 267.716	1311.1	0.0071	mg/L	0.00007	0.0071	mg/L	0.00007	0.98%
Cu 324.752	-9951.6	-0.0094	mg/L	0.00026	-0.0094	mg/L	0.00026	2.81%
Fe 273.955	7443804.3	175.93	mg/L	0.288	175.93	mg/L	0.288	0.16%
Mg 279.077	19070277.8	469.07	mg/L	3.573	469.07	mg/L	3.573	0.76%
Mn 257.610	-9155.2	-0.0009	mg/L	0.00069	-0.0009	mg/L	0.00069	77.33%
Ni 231.604	219.4	-0.0054	mg/L	0.00001	-0.0054	mg/L	0.00001	0.16%
Pb 220.353	-482.7	0.0030	mg/L	0.00048	0.0030	mg/L	0.00048	16.11%
Sb 206.836	510.4	0.0419	mg/L	0.00736	0.0419	mg/L	0.00736	17.57%
Se 196.026	173.1	-0.0198	mg/L	0.01647	-0.0198	mg/L	0.01647	83.11%
Tl 190.801	120.0	0.0073	mg/L	0.00509	0.0073	mg/L	0.00509	69.39%
V 292.402	528.9	0.0051	mg/L	0.00020	0.0051	mg/L	0.00020	3.91%
Zn 206.200	800.7	-0.0139	mg/L	0.00030	-0.0139	mg/L	0.00030	2.13%
Na 330.237	-676.3	-0.5246	mg/L	0.20803	-0.5246	mg/L	0.20803	39.65%
Cd 226.502	39.0	-0.0025	mg/L	0.00022	-0.0025	mg/L	0.00022	8.90%
Ti 334.940	-15674.2	0.0072	mg/L	0.00015	0.0072	mg/L	0.00015	2.05%
Ca 227.546	165222.5	502.18	mg/L	2.155	502.18	mg/L	2.155	0.43%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/05 10:50:58 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:36 PM,

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	79330.7	0.2028	mg/L	0.00024	0.2028	mg/L	0.00024	0.12%
Al 308.215	18747137.7	472.31	mg/L	2.030	472.31	mg/L	2.030	0.43%
As 188.979	-134.9	0.0874	mg/L	0.01538	0.0874	mg/L	0.01538	17.60%
Ba 233.527	37616.2	0.4646	mg/L	0.00640	0.4646	mg/L	0.00640	1.38%
Be 313.107	3145548.5	0.4722	mg/L	0.00063	0.4722	mg/L	0.00063	0.13%
Co 228.616	9562.7	0.4199	mg/L	0.00605	0.4199	mg/L	0.00605	1.44%
Cr 267.716	84421.4	0.4531	mg/L	0.00190	0.4531	mg/L	0.00190	0.42%
Cu 324.752	164287.3	0.4578	mg/L	0.00201	0.4578	mg/L	0.00201	0.44%
Fe 273.955	7279073.9	172.01	mg/L	0.575	172.01	mg/L	0.575	0.33%
Mg 279.077	18767376.1	461.63	mg/L	1.680	461.63	mg/L	1.680	0.36%
Mn 257.610	248466.2	0.4600	mg/L	0.00232	0.4600	mg/L	0.00232	0.50%
Ni 231.604	58729.3	0.8646	mg/L	0.00480	0.8646	mg/L	0.00480	0.56%
Pb 220.353	14.6	0.0538	mg/L	0.00042	0.0538	mg/L	0.00042	0.78%
Sb 206.836	1304.0	0.5296	mg/L	0.00389	0.5296	mg/L	0.00389	0.73%
Se 196.026	284.3	0.0580	mg/L	0.00984	0.0580	mg/L	0.00984	16.96%
Tl 190.801	190.8	0.0957	mg/L	0.03484	0.0957	mg/L	0.03484	36.41%
V 292.402	145084.6	0.4762	mg/L	0.00162	0.4762	mg/L	0.00162	0.34%
Zn 206.200	35064.2	0.8472	mg/L	0.00967	0.8472	mg/L	0.00967	1.14%
Na 330.237	348.0	0.0068	mg/L	0.06326	0.0068	mg/L	0.06326	929.93%
Cd 226.502	136206.2	0.8964	mg/L	0.00416	0.8964	mg/L	0.00416	0.46%
Ti 334.940	-15077.4	0.0071	mg/L	0.00015	0.0071	mg/L	0.00015	2.10%
Ca 227.546	161122.7	489.66	mg/L	1.324	489.66	mg/L	1.324	0.27%

Sequence No.: 8
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/05 10:53:48 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:37 PM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	580680.9	1.3015	mg/L	0.00475	1.3015	mg/L	0.00475	0.36%
Al 308.215	393827.5	9.8749	mg/L	0.05723	9.8749	mg/L	0.05723	0.58%
As 188.979	458.8	0.5285	mg/L	0.00899	0.5285	mg/L	0.00899	1.70%
Ba 233.527	792916.2	10.483	mg/L	0.0300	10.483	mg/L	0.0300	0.29%
Be 313.107	1724455.2	0.2589	mg/L	0.00058	0.2589	mg/L	0.00058	0.22%
Co 228.616	57761.6	2.5624	mg/L	0.01136	2.5624	mg/L	0.01136	0.44%
Cr 267.716	187400.0	1.0051	mg/L	0.00187	1.0051	mg/L	0.00187	0.19%
Cu 324.752	467834.6	1.2558	mg/L	0.00883	1.2558	mg/L	0.00883	0.70%
Fe 273.955	218572.5	5.0156	mg/L	0.03150	5.0156	mg/L	0.03150	0.63%
Mg 279.077	1027524.6	25.323	mg/L	0.0766	25.323	mg/L	0.0766	0.30%
Mn 257.610	1435592.3	2.5734	mg/L	0.01243	2.5734	mg/L	0.01243	0.48%
Ni 231.604	171576.9	2.5500	mg/L	0.00622	2.5500	mg/L	0.00622	0.24%
Pb 220.353	5064.9	0.5221	mg/L	0.00106	0.5221	mg/L	0.00106	0.20%
Sb 206.836	866.0	0.5215	mg/L	0.00195	0.5215	mg/L	0.00195	0.37%
Se 196.026	742.9	0.5071	mg/L	0.00744	0.5071	mg/L	0.00744	1.47%
Tl 190.801	425.9	0.5169	mg/L	0.00159	0.5169	mg/L	0.00159	0.31%
V 292.402	783670.3	2.5525	mg/L	0.00531	2.5525	mg/L	0.00531	0.21%
Zn 206.200	103276.6	2.5909	mg/L	0.01419	2.5909	mg/L	0.01419	0.55%
Na 330.237	46962.9	23.951	mg/L	0.0419	23.951	mg/L	0.0419	0.18%
Cd 226.502	39139.9	0.2587	mg/L	0.00118	0.2587	mg/L	0.00118	0.46%
Ti 334.940	779.5	0.0014	mg/L	0.00004	0.0014	mg/L	0.00004	3.22%
Ca 227.546	8443.9	25.491	mg/L	0.0533	25.491	mg/L	0.0533	0.21%

Sequence No.: 9
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/05 10:58:01 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:38 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	289.0	0.0006	mg/L	0.00045	0.0006	mg/L	0.00045	69.63%
Al 308.215	302.6	0.0076	mg/L	0.00841	0.0076	mg/L	0.00841	110.36%
As 188.979	0.9	0.0011	mg/L	0.00407	0.0011	mg/L	0.00407	386.21%
Ba 233.527	42.6	0.0006	mg/L	0.00016	0.0006	mg/L	0.00016	27.65%
Be 313.107	107.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	63.68%
Co 228.616	4.5	0.0002	mg/L	0.00011	0.0002	mg/L	0.00011	53.81%
Cr 267.716	-13.0	-0.0001	mg/L	0.00024	-0.0001	mg/L	0.00024	344.68%
Cu 324.752	654.3	0.0018	mg/L	0.00084	0.0018	mg/L	0.00084	47.54%
Fe 273.955	249.2	0.0059	mg/L	0.00105	0.0059	mg/L	0.00105	17.94%
Mg 279.077	423.3	0.0104	mg/L	0.00138	0.0104	mg/L	0.00138	13.20%
Mn 257.610	85.7	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	42.28%
Ni 231.604	21.6	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	23.21%
Pb 220.353	-0.9	-0.0001	mg/L	0.00085	-0.0001	mg/L	0.00085	974.36%
Sb 206.836	4.2	0.0025	mg/L	0.00152	0.0025	mg/L	0.00152	59.85%
Se 196.026	2.0	0.0014	mg/L	0.00577	0.0014	mg/L	0.00577	427.26%
Tl 190.801	4.1	0.0050	mg/L	0.00282	0.0050	mg/L	0.00282	56.15%
V 292.402	73.3	0.0002	mg/L	0.00024	0.0002	mg/L	0.00024	98.86%
Zn 206.200	18.4	0.0005	mg/L	0.00011	0.0005	mg/L	0.00011	24.09%
Na 330.237	23.1	0.0118	mg/L	0.02592	0.0118	mg/L	0.02592	220.10%
Cd 226.502	14.2	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	60.00%
Ti 334.940	-28.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	62.02%
Ca 227.546	2.0	0.0060	mg/L	0.09827	0.0060	mg/L	0.09827	>999.9%

Sequence No.: 10
Sample ID: MB-19953,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 9/14/05 11:02:08 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:39 PM,

Mean Data: MB-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	665.6	0.0015	mg/L	0.00068	0.0015	mg/L	0.00068	46.02%

Al 308.215	454.5	0.0114 mg/L	0.00331	0.0114 mg/L	0.00331	28.94%
As 188.979	-1.2	-0.0013 mg/L	0.00146	-0.0013 mg/L	0.00146	109.44%
Ba 233.527	343.4	0.0045 mg/L	0.00016	0.0045 mg/L	0.00016	3.47%
Be 313.107	163.3	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	20.02%
Co 228.616	9.0	0.0004 mg/L	0.00001	0.0004 mg/L	0.00001	3.37%
Cr 267.716	-4.4	0.0000 mg/L	0.00077	0.0000 mg/L	0.00077	>999.9%
Cu 324.752	818.0	0.0022 mg/L	0.00055	0.0022 mg/L	0.00055	24.96%
Fe 273.955	1370.7	0.0324 mg/L	0.00022	0.0324 mg/L	0.00022	0.69%
Mg 279.077	397.5	0.0098 mg/L	0.00288	0.0098 mg/L	0.00288	29.28%
Mn 257.610	1592.7	0.0029 mg/L	0.00003	0.0029 mg/L	0.00003	1.16%
Ni 231.604	26.0	0.0004 mg/L	0.00021	0.0004 mg/L	0.00021	54.98%
Pb 220.353	7.3	0.0007 mg/L	0.00022	0.0007 mg/L	0.00022	29.85%
Sb 206.836	0.6	0.0003 mg/L	0.00129	0.0003 mg/L	0.00129	370.18%
Se 196.026	8.5	0.0058 mg/L	0.00017	0.0058 mg/L	0.00017	2.97%
Tl 190.801	4.2	0.0051 mg/L	0.00292	0.0051 mg/L	0.00292	56.96%
V 292.402	23.8	0.0001 mg/L	0.00001	0.0001 mg/L	0.00001	14.70%
Zn 206.200	98.2	0.0025 mg/L	0.00047	0.0025 mg/L	0.00047	19.13%
Na 330.237	-40.8	-0.0207 mg/L	0.18130	-0.0207 mg/L	0.18130	874.60%
Cd 226.502	14.1	0.0001 mg/L	0.00005	0.0001 mg/L	0.00005	49.43%
Ti 334.940	231.6	0.0002 mg/L	0.00005	0.0002 mg/L	0.00005	27.74%
Ca 227.546	43.5	0.1323 mg/L	0.04743	0.1323 mg/L	0.04743	35.85%

Sequence No.: 11
Sample ID: LCS-19953,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 9/14/05 11:06:11 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:40 PM,

Mean Data: LCS-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	583017.7	1.3067	mg/L	0.00093	1.3067	mg/L	0.00093	0.07%
Al 308.215	393628.7	9.8705	mg/L	0.04304	9.8705	mg/L	0.04304	0.44%
As 188.979	448.6	0.5168	mg/L	0.00386	0.5168	mg/L	0.00386	0.75%
Ba 233.527	778962.8	10.299	mg/L	0.0085	10.299	mg/L	0.0085	0.08%
Be 313.107	1699385.4	0.2551	mg/L	0.00005	0.2551	mg/L	0.00005	0.02%
Co 228.616	57646.7	2.5573	mg/L	0.01668	2.5573	mg/L	0.01668	0.65%
Cr 267.716	184958.8	0.9919	mg/L	0.00717	0.9919	mg/L	0.00717	0.72%
Cu 324.752	466264.0	1.2516	mg/L	0.00030	1.2516	mg/L	0.00030	0.02%
Fe 273.955	217520.9	4.9931	mg/L	0.01411	4.9931	mg/L	0.01411	0.28%
Mg 279.077	1023935.9	25.234	mg/L	0.0211	25.234	mg/L	0.0211	0.08%
Mn 257.610	1431395.6	2.5658	mg/L	0.00217	2.5658	mg/L	0.00217	0.08%
Ni 231.604	170305.4	2.5311	mg/L	0.01011	2.5311	mg/L	0.01011	0.40%
Pb 220.353	4972.9	0.5126	mg/L	0.00007	0.5126	mg/L	0.00007	0.01%
Sb 206.836	856.0	0.5154	mg/L	0.00120	0.5154	mg/L	0.00120	0.23%
Se 196.026	741.1	0.5059	mg/L	0.00662	0.5059	mg/L	0.00662	1.31%
Tl 190.801	444.0	0.5391	mg/L	0.00045	0.5391	mg/L	0.00045	0.08%
V 292.402	771718.1	2.5136	mg/L	0.00041	2.5136	mg/L	0.00041	0.02%
Zn 206.200	101236.8	2.5397	mg/L	0.00155	2.5397	mg/L	0.00155	0.06%
Na 330.237	47025.2	23.983	mg/L	0.2605	23.983	mg/L	0.2605	1.09%
Cd 226.502	38592.1	0.2551	mg/L	0.00029	0.2551	mg/L	0.00029	0.11%
Ti 334.940	100.2	0.0009	mg/L	0.00002	0.0009	mg/L	0.00002	2.46%
Ca 227.546	8319.1	25.113	mg/L	0.0690	25.113	mg/L	0.0690	0.27%

Sequence No.: 12
Sample ID: D1004-01D,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 9/14/05 11:10:22 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:41 PM,

Mean Data: D1004-01D,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	272.0	0.0006	mg/L	0.00036	0.0006	mg/L	0.00036	62.70%
Al 308.215	864.5	0.0218	mg/L	0.00321	0.0218	mg/L	0.00321	14.77%
As 188.979	-2.7	-0.0031	mg/L	0.00101	-0.0031	mg/L	0.00101	33.08%
Ba 233.527	403.0	0.0053	mg/L	0.00015	0.0053	mg/L	0.00015	2.84%

Be 313.107	224.1	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	47.30%
Co 228.616	7.1	0.0003 mg/L	0.00010	0.0003 mg/L	0.00010	30.49%
Cr 267.716	30.5	0.0002 mg/L	0.00019	0.0002 mg/L	0.00019	115.86%
Cu 324.752	1575.3	0.0042 mg/L	0.00120	0.0042 mg/L	0.00120	28.19%
Fe 273.955	2641.3	0.0624 mg/L	0.00019	0.0624 mg/L	0.00019	0.31%
Mg 279.077	780.0	0.0193 mg/L	0.00376	0.0193 mg/L	0.00376	19.52%
Mn 257.610	1905.5	0.0034 mg/L	0.00000	0.0034 mg/L	0.00000	0.14%
Ni 231.604	37.8	0.0006 mg/L	0.00021	0.0006 mg/L	0.00021	37.31%
Pb 220.353	8.6	0.0009 mg/L	0.00041	0.0009 mg/L	0.00041	46.27%
Sb 206.836	1.2	0.0007 mg/L	0.00125	0.0007 mg/L	0.00125	171.72%
Se 196.026	1.5	0.0010 mg/L	0.00021	0.0010 mg/L	0.00021	20.57%
Tl 190.801	0.8	0.0010 mg/L	0.00508	0.0010 mg/L	0.00508	506.00%
V 292.402	98.1	0.0003 mg/L	0.00026	0.0003 mg/L	0.00026	79.80%
Zn 206.200	137.0	0.0034 mg/L	0.00027	0.0034 mg/L	0.00027	7.79%
Na 330.237	175.3	0.0894 mg/L	0.03414	0.0894 mg/L	0.03414	38.16%
Cd 226.502	17.8	0.0001 mg/L	0.00009	0.0001 mg/L	0.00009	76.79%
Ti 334.940	242.2	0.0002 mg/L	0.00001	0.0002 mg/L	0.00001	3.70%
Ca 227.546	91.4	0.2781 mg/L	0.06882	0.2781 mg/L	0.06882	24.75%

Sequence No.: 13
Sample ID: D1004-01DDUP,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 9/14/05 11:14:25 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:41 PM,

Mean Data: D1004-01DDUP,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	152.7	0.0003	mg/L	0.00023	0.0003	mg/L	0.00023	67.99%
Al 308.215	906.2	0.0228	mg/L	0.00454	0.0228	mg/L	0.00454	19.90%
As 188.979	0.2	0.0003	mg/L	0.00309	0.0003	mg/L	0.00309	>999.9%
Ba 233.527	380.7	0.0050	mg/L	0.00006	0.0050	mg/L	0.00006	1.11%
Be 313.107	105.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	47.51%
Co 228.616	5.1	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	37.33%
Cr 267.716	121.0	0.0006	mg/L	0.00008	0.0006	mg/L	0.00008	12.67%
Cu 324.752	657.1	0.0019	mg/L	0.00011	0.0019	mg/L	0.00011	5.79%
Fe 273.955	16463.2	0.3891	mg/L	0.00068	0.3891	mg/L	0.00068	0.18%
Mg 279.077	1033.0	0.0256	mg/L	0.00387	0.0256	mg/L	0.00387	15.11%
Mn 257.610	2915.2	0.0054	mg/L	0.00004	0.0054	mg/L	0.00004	0.69%
Ni 231.604	34.1	0.0005	mg/L	0.00003	0.0005	mg/L	0.00003	5.65%
Pb 220.353	-4.8	-0.0005	mg/L	0.00050	-0.0005	mg/L	0.00050	99.95%
Sb 206.836	2.8	0.0016	mg/L	0.00065	0.0016	mg/L	0.00065	39.68%
Se 196.026	1.0	0.0008	mg/L	0.00282	0.0008	mg/L	0.00282	351.16%
Tl 190.801	-1.5	-0.0019	mg/L	0.00236	-0.0019	mg/L	0.00236	127.09%
V 292.402	75.1	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	4.05%
Zn 206.200	190.5	0.0047	mg/L	0.00032	0.0047	mg/L	0.00032	6.84%
Na 330.237	89.2	0.0460	mg/L	0.04544	0.0460	mg/L	0.04544	98.71%
Cd 226.502	6.7	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	361.67%
Ti 334.940	389.5	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	7.10%
Ca 227.546	116.0	0.3491	mg/L	0.03054	0.3491	mg/L	0.03054	8.75%

Sequence No.: 14
Sample ID: D1004-01DMS,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 9/14/05 11:18:29 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:42 PM,

Mean Data: D1004-01DMS,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	25830.2	0.0586	mg/L	0.00053	0.0586	mg/L	0.00053	0.90%
Al 308.215	87432.2	2.1922	mg/L	0.01961	2.1922	mg/L	0.01961	0.89%
As 188.979	42.2	0.0500	mg/L	0.00161	0.0500	mg/L	0.00161	3.22%
Ba 233.527	181283.9	2.3968	mg/L	0.02621	2.3968	mg/L	0.02621	1.09%
Be 313.107	383241.8	0.0575	mg/L	0.00087	0.0575	mg/L	0.00087	1.51%
Co 228.616	13559.9	0.6015	mg/L	0.00101	0.6015	mg/L	0.00101	0.17%
Cr 267.716	42282.8	0.2267	mg/L	0.00090	0.2267	mg/L	0.00090	0.39%

Cu 324.752	109890.6	0.2950 mg/L ✓	0.00251	0.2950 mg/L	0.00251	0.85%
Fe 273.955	51346.6	1.1803 mg/L ✓	0.01156	1.1803 mg/L	0.01156	0.98%
Mg 279.077	-85.4	0.0101 mg/L	0.00081	0.0101 mg/L	0.00081	7.96%
Mn 257.610	340959.2	0.6113 mg/L ✓	0.00484	0.6113 mg/L	0.00484	0.79%
Ni 231.604	40264.0	0.5985 mg/L ✓	0.00651	0.5985 mg/L	0.00651	1.09%
* Pb 220.353	268.1	0.0281 mg/L	0.00008	0.0281 mg/L	0.00008	0.29%
Sb 206.836	178.3	0.1072 mg/L	0.00002	0.1072 mg/L	0.00002	0.02%
Se 196.026	88.4	0.0597 mg/L	0.00170	0.0597 mg/L	0.00170	2.84%
Tl 190.801	73.1	0.0885 mg/L	0.00276	0.0885 mg/L	0.00276	3.11%
V 292.402	173317.3	0.5645 mg/L	0.00816	0.5645 mg/L	0.00816	1.44%
Zn 206.200	23692.6	0.5946 mg/L	0.00667	0.5946 mg/L	0.00667	1.12%
Na 330.237	904.7	0.4657 mg/L	0.02616	0.4657 mg/L	0.02616	5.62%
Cd 226.502	8545.2	0.0565 mg/L	0.00011	0.0565 mg/L	0.00011	0.19%
Ti 334.940	380.7	0.0003 mg/L	0.00002	0.0003 mg/L	0.00002	8.70%
Ca 227.546	185.5	0.5025 mg/L	0.05971	0.5025 mg/L	0.05971	11.88%

Sequence No.: 15
Sample ID: D1004-01DSD,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 9/14/05 11:22:36 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:43 PM,

Mean Data: D1004-01DSD,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	8.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	106.98%
Al 308.215	528.9	0.0133	mg/L	0.00428	0.0133	mg/L	0.00428	32.13%
As 188.979	-0.4	-0.0004	mg/L	0.00149	-0.0004	mg/L	0.00149	339.98%
Ba 233.527	41.0	0.0005	mg/L	0.00010	0.0005	mg/L	0.00010	18.31%
Be 313.107	64.3	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	83.82%
Co 228.616	4.1	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	18.25%
Cr 267.716	54.2	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	19.71%
Cu 324.752	185.8	0.0005	mg/L	0.00027	0.0005	mg/L	0.00027	53.97%
Fe 273.955	564.9	0.0134	mg/L	0.00043	0.0134	mg/L	0.00043	3.25%
Mg 279.077	247.9	0.0061	mg/L	0.00211	0.0061	mg/L	0.00211	34.46%
Mn 257.610	492.6	0.0009	mg/L	0.00005	0.0009	mg/L	0.00005	5.80%
Ni 231.604	15.1	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	13.47%
Pb 220.353	0.4	0.0000	mg/L	0.00026	0.0000	mg/L	0.00026	564.60%
Sb 206.836	1.9	0.0011	mg/L	0.00050	0.0011	mg/L	0.00050	43.51%
Se 196.026	2.0	0.0014	mg/L	0.00116	0.0014	mg/L	0.00116	82.52%
Tl 190.801	0.5	0.0007	mg/L	0.00062	0.0007	mg/L	0.00062	92.23%
V 292.402	-2.8	0.0000	mg/L	0.00042	0.0000	mg/L	0.00042	>999.9%
Zn 206.200	40.5	0.0010	mg/L	0.00002	0.0010	mg/L	0.00002	2.31%
Na 330.237	-24.0	-0.0122	mg/L	0.02331	-0.0122	mg/L	0.02331	190.60%
Cd 226.502	1.5	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	180.52%
Ti 334.940	66.8	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	64.92%
Ca 227.546	23.8	0.0724	mg/L	0.03302	0.0724	mg/L	0.03302	45.63%

Sequence No.: 16
Sample ID: D1004-01DPDS,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 9/14/05 11:26:42 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:44 PM,

Mean Data: D1004-01DPDS,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	9488.6	0.0206	mg/L	0.00035	0.0206	mg/L	0.00035	1.70%
Al 308.215	16686.0	0.4187	mg/L	0.00753	0.4187	mg/L	0.00753	1.80%
As 188.979	13.1	0.0150	mg/L	0.00169	0.0150	mg/L	0.00169	11.31%
Ba 233.527	33261.7	0.4397	mg/L	0.00662	0.4397	mg/L	0.00662	1.51%
Be 313.107	69993.8	0.0105	mg/L	0.00014	0.0105	mg/L	0.00014	1.33%
Co 228.616	2407.7	0.1068	mg/L	0.00001	0.1068	mg/L	0.00001	0.01%
Cr 267.716	3946.3	0.0212	mg/L	0.00007	0.0212	mg/L	0.00007	0.35%
Cu 324.752	19526.0	0.0524	mg/L	0.00096	0.0524	mg/L	0.00096	1.83%
Fe 273.955	11126.0	0.2568	mg/L	0.00016	0.2568	mg/L	0.00016	0.06%
Mg 279.077	419662.9	10.322	mg/L	0.1337	10.322	mg/L	0.1337	1.30%

Mn 257.610	19717.7	0.0353 mg/L	0.00071	0.0353 mg/L	0.00071	2.00%
Ni 231.604	5589.2	0.0830 mg/L	0.00008	0.0830 mg/L	0.00008	0.09%
✓Pb 220.353	205.2	0.0213 mg/L	0.00036	0.0213 mg/L	0.00036	1.68%
Sb 206.836	172.9	0.1055 mg/L	0.00119	0.1055 mg/L	0.00119	1.13%
Se 196.026	111.0	0.0765 mg/L	0.00410	0.0765 mg/L	0.00410	5.36%
Tl 190.801	44.1	0.0538 mg/L	0.00044	0.0538 mg/L	0.00044	0.82%
V 292.402	32299.5	0.1052 mg/L	0.00168	0.1052 mg/L	0.00168	1.60%
Zn 206.200	5364.5	0.1342 mg/L	0.00012	0.1342 mg/L	0.00012	0.09%
Na 330.237	17403.0	8.8692 mg/L	0.12187	8.8692 mg/L	0.12187	1.37%
Cd 226.502	1570.7	0.0104 mg/L	0.00002	0.0104 mg/L	0.00002	0.19%
Ti 334.940	457.4	0.0007 mg/L	0.00000	0.0007 mg/L	0.00000	0.14%
Ca 227.546	3248.0	9.9007 mg/L	0.02739	9.9007 mg/L	0.02739	0.28%

Sequence No.: 17 **Autosampler Location: 47**
Sample ID: MB-19935,19935 **Date Collected: 9/14/05 11:30:48 AM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Reprocessed on 9/14/05 6:38:45 PM,**

Mean Data: MB-19935,19935

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	104.8	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	6.29%
Al 308.215	989.1	0.0249	mg/L	0.00200	0.0249	mg/L	0.00200	8.03%
As 188.979	-0.4	-0.0004	mg/L	0.00006	-0.0004	mg/L	0.00006	13.71%
Ba 233.527	441.0	0.0058	mg/L	0.00041	0.0058	mg/L	0.00041	7.07%
Be 313.107	25.9	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	235.12%
Co 228.616	4.9	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	65.04%
Cr 267.716	-43.9	-0.0002	mg/L	0.00050	-0.0002	mg/L	0.00050	209.29%
Cu 324.752	317.5	0.0009	mg/L	0.00004	0.0009	mg/L	0.00004	4.99%
Fe 273.955	1733.0	0.0410	mg/L	0.00021	0.0410	mg/L	0.00021	0.51%
Mg 279.077	382.3	0.0095	mg/L	0.00101	0.0095	mg/L	0.00101	10.67%
Mn 257.610	2015.0	0.0036	mg/L	0.00005	0.0036	mg/L	0.00005	1.31%
Ni 231.604	49.0	0.0007	mg/L	0.00012	0.0007	mg/L	0.00012	16.58%
Pb 220.353	35.6	0.0036	mg/L	0.00005	0.0036	mg/L	0.00005	1.47%
Sb 206.836	-1.3	-0.0008	mg/L	0.00078	-0.0008	mg/L	0.00078	92.76%
Se 196.026	4.4	0.0030	mg/L	0.00040	0.0030	mg/L	0.00040	13.11%
Tl 190.801	0.0	0.0000	mg/L	0.00371	0.0000	mg/L	0.00371	>999.9%
V 292.402	-106.8	-0.0003	mg/L	0.00010	-0.0003	mg/L	0.00010	27.78%
Zn 206.200	182.3	0.0046	mg/L	0.00010	0.0046	mg/L	0.00010	2.29%
Na 330.237	219.0	0.1122	mg/L	0.02338	0.1122	mg/L	0.02338	20.84%
Cd 226.502	31.0	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	16.53%
Ti 334.940	1259.0	0.0009	mg/L	0.00001	0.0009	mg/L	0.00001	1.64%
Ca 227.546	49.1	0.1494	mg/L	0.03495	0.1494	mg/L	0.03495	23.39%

Sequence No.: 18 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 9/14/05 11:34:54 AM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Reprocessed on 9/14/05 6:38:46 PM,**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	584391.5	1.3098	mg/L	0.01529	1.3098	mg/L	0.01529	1.17%
Al 308.215	393002.9	9.8538	mg/L	0.04677	9.8538	mg/L	0.04677	0.47%
As 188.979	456.2	0.5255	mg/L	0.00321	0.5255	mg/L	0.00321	0.61%
Ba 233.527	798754.4	10.560	mg/L	0.0964	10.560	mg/L	0.0964	0.91%
Be 313.107	1738338.7	0.2610	mg/L	0.00180	0.2610	mg/L	0.00180	0.69%
Co 228.616	57931.2	2.5700	mg/L	0.01244	2.5700	mg/L	0.01244	0.48%
Cr 267.716	187203.0	1.0040	mg/L	0.00891	1.0040	mg/L	0.00891	0.89%
Cu 324.752	471041.4	1.2644	mg/L	0.01126	1.2644	mg/L	0.01126	0.89%
Fe 273.955	217872.2	4.9980	mg/L	0.01729	4.9980	mg/L	0.01729	0.35%
Mg 279.077	1034623.2	25.498	mg/L	0.1651	25.498	mg/L	0.1651	0.65%
Mn 257.610	1448900.3	2.5972	mg/L	0.02051	2.5972	mg/L	0.02051	0.79%
Ni 231.604	171265.1	2.5454	mg/L	0.01451	2.5454	mg/L	0.01451	0.57%
Pb 220.353	5051.7	0.5207	mg/L	0.00044	0.5207	mg/L	0.00044	0.08%

Sb 206.836	866.2	0.5217 mg/L	0.00073	0.5217 mg/L	0.00073	0.14%
Se 196.026	757.7	0.5173 mg/L	0.00116	0.5173 mg/L	0.00116	0.22%
Tl 190.801	417.6	0.5067 mg/L	0.00019	0.5067 mg/L	0.00019	0.04%
V 292.402	789235.6	2.5706 mg/L	0.01888	2.5706 mg/L	0.01888	0.73%
Zn 206.200	103086.1	2.5861 mg/L	0.00453	2.5861 mg/L	0.00453	0.18%
Na 330.237	47136.3	24.040 mg/L	0.0614	24.040 mg/L	0.0614	0.26%
Cd 226.502	39079.1	0.2583 mg/L	0.00047	0.2583 mg/L	0.00047	0.18%
Ti 334.940	765.3	0.0014 mg/L	0.00005	0.0014 mg/L	0.00005	3.51%
Ca 227.546	8409.4	25.385 mg/L	0.0158	25.385 mg/L	0.0158	0.06%

Sequence No.: 19
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/05 11:39:08 AM
Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:47 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	27.2	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	12.90%
Al 308.215	119.7	0.0030	mg/L	0.00231	0.0030	mg/L	0.00231	76.80%
As 188.979	-1.3	-0.0015	mg/L	0.00269	-0.0015	mg/L	0.00269	177.21%
Ba 233.527	20.8	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	30.02%
Be 313.107	88.8	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	1.78%
Co 228.616	0.7	0.0000	mg/L	0.00015	0.0000	mg/L	0.00015	489.28%
Cr 267.716	-46.6	-0.0003	mg/L	0.00011	-0.0003	mg/L	0.00011	43.14%
Cu 324.752	447.6	0.0012	mg/L	0.00053	0.0012	mg/L	0.00053	44.41%
Fe 273.955	89.7	0.0021	mg/L	0.00042	0.0021	mg/L	0.00042	19.90%
Mg 279.077	101.3	0.0025	mg/L	0.00540	0.0025	mg/L	0.00540	216.30%
Mn 257.610	80.7	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	42.82%
Ni 231.604	6.0	0.0001	mg/L	0.00009	0.0001	mg/L	0.00009	103.63%
Pb 220.353	1.8	0.0002	mg/L	0.00004	0.0002	mg/L	0.00004	22.46%
Sb 206.836	0.2	0.0001	mg/L	0.00026	0.0001	mg/L	0.00026	180.04%
Se 196.026	10.6	0.0073	mg/L	0.00239	0.0073	mg/L	0.00239	32.75%
Tl 190.801	0.3	0.0004	mg/L	0.00113	0.0004	mg/L	0.00113	271.95%
V 292.402	22.7	0.0001	mg/L	0.00016	0.0001	mg/L	0.00016	212.34%
Zn 206.200	22.0	0.0006	mg/L	0.00010	0.0006	mg/L	0.00010	18.11%
Na 330.237	-138.5	-0.0705	mg/L	0.01816	-0.0705	mg/L	0.01816	25.75%
Cd 226.502	-2.8	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	196.39%
Ti 334.940	117.5	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	18.51%
Ca 227.546	-22.3	-0.0682	mg/L	0.01104	-0.0682	mg/L	0.01104	16.18%

Sequence No.: 20
Sample ID: D1045-02C,19953
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 9/14/05 11:43:15 AM
Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:47 PM,

Mean Data: D1045-02C,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-405.1	-0.0069	mg/L	0.00007	-0.0069	mg/L	0.00007	1.07%
Al 308.215	3285.3	0.0819	mg/L	0.00039	0.0819	mg/L	0.00039	0.48%
As 188.979	-8.7	-0.0094	mg/L	0.00129	-0.0094	mg/L	0.00129	13.65%
Ba 233.527	13052.2	0.1707	mg/L	0.00019	0.1707	mg/L	0.00019	0.11%
Be 313.107	38.2	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	155.51%
Co 228.616	13.1	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	3.30%
Cr 267.716	201.0	0.0009	mg/L	0.00037	0.0009	mg/L	0.00037	39.70%
Cu 324.752	3484.4	0.0119	mg/L	0.00015	0.0119	mg/L	0.00015	1.28%
Fe 273.955	416960.7	9.8547	mg/L	0.04117	9.8547	mg/L	0.04117	0.42%
Mg 279.077	874976.4	21.527	mg/L	0.1229	21.527	mg/L	0.1229	0.57%
Mn 257.610	136729.3	0.2501	mg/L	0.00120	0.2501	mg/L	0.00120	0.48%
Ni 231.604	89.0	0.0008	mg/L	0.00007	0.0008	mg/L	0.00007	7.98%
Pb 220.353	135.8	0.0143	mg/L	0.00115	0.0143	mg/L	0.00115	8.09%
Sb 206.836	20.4	0.0113	mg/L	0.00285	0.0113	mg/L	0.00285	25.30%
Se 196.026	19.2	0.0168	mg/L	0.00225	0.0168	mg/L	0.00225	13.41%
Tl 190.801	1.3	0.0023	mg/L	0.00064	0.0023	mg/L	0.00064	27.20%

V 292.402	-13.2	0.0001 mg/L	0.00033	0.0001 mg/L	0.00033	224.82%
Zn 206.200	9010.3	0.2237 mg/L	0.00078	0.2237 mg/L	0.00078	0.35%
Na 330.237	20113.0	10.237 mg/L	0.0960	10.237 mg/L	0.0960	0.94%
Cd 226.502	-4.3	-0.0005 mg/L	0.00005	-0.0005 mg/L	0.00005	8.89%
Ti 334.940	-95.6	0.0020 mg/L	0.00018	0.0020 mg/L	0.00018	8.82%
Ca 227.546	19057.3	58.028 mg/L	0.1500	58.028 mg/L	0.1500	0.26%

Sequence No.: 21
Sample ID: D1045-03C,19953 9/15/05 QW
Analyst:
Sample Wt:
Dilution: D1045-04F,19953

Autosampler Location: 49
Date Collected: 9/14/05 11:47:21 AM
Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:48 PM,

Mean Data: D1045-03C,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	389.7	-0.0134	mg/L	0.00013	-0.0134	mg/L	0.00013	0.94%
Al 308.215	221.6	0.0004	mg/L	0.00088	0.0004	mg/L	0.00088	225.39%
As 188.979	-4.7	-0.0056	mg/L	0.00146	-0.0056	mg/L	0.00146	26.02%
Ba 233.527	56389.9	0.7449	mg/L	0.01026	0.7449	mg/L	0.01026	1.38%
Be 313.107	9.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	418.33%
Co 228.616	43.2	0.0019	mg/L	0.00015	0.0019	mg/L	0.00015	7.94%
Cr 267.716	231.1	0.0004	mg/L	0.00041	0.0004	mg/L	0.00041	93.63%
Cu 324.752	351.5	-0.0006	mg/L	0.00011	-0.0006	mg/L	0.00011	17.81%
Fe 273.955	4339.5	0.1026	mg/L	0.00037	0.1026	mg/L	0.00037	0.36%
Mg 279.077	603949.2	14.880	mg/L	0.2019	14.880	mg/L	0.2019	1.36%
Mn 257.610	829231.3	1.4849	mg/L	0.02136	1.4849	mg/L	0.02136	1.44%
Ni 231.604	288.8	0.0043	mg/L	0.00005	0.0043	mg/L	0.00005	1.11%
Pb 220.353	-9.7	0.0007	mg/L	0.00037	0.0007	mg/L	0.00037	49.61%
Sb 206.836	19.5	0.0121	mg/L	0.00192	0.0121	mg/L	0.00192	15.86%
Se 196.026	37.8	0.0271	mg/L	0.00008	0.0271	mg/L	0.00008	0.28%
Tl 190.801	1.2	0.0045	mg/L	0.00483	0.0045	mg/L	0.00483	107.95%
V 292.402	-148.0	-0.0003	mg/L	0.00024	-0.0003	mg/L	0.00024	71.56%
Zn 206.200	372.4	0.0080	mg/L	0.00018	0.0080	mg/L	0.00018	2.29%
Na 330.237	141398.3	72.036	mg/L	1.0681	72.036	mg/L	1.0681	1.48%
Cd 226.502	-53.9	-0.0004	mg/L	0.00001	-0.0004	mg/L	0.00001	2.80%
Ti 334.940	-3316.1	0.0016	mg/L	0.00003	0.0016	mg/L	0.00003	1.77%
Ca 227.546	35481.0	108.27	mg/L	0.575	108.27	mg/L	0.575	0.53%

Sequence No.: 22
Sample ID: D1045-04F,19953
Analyst: 5F
Sample Wt: 9/15/05 QW
Dilution:

Autosampler Location: 50
Date Collected: 9/14/05 11:51:29 AM
Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:49 PM,

5F

Mean Data: D1045-04F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	261.9	-0.0138	mg/L	0.00021	-0.0138	mg/L	0.00021	1.56%
Al 308.215	630.9	0.0106	mg/L	0.00537	0.0106	mg/L	0.00537	50.87%
As 188.979	-8.1	-0.0094	mg/L	0.00421	-0.0094	mg/L	0.00421	44.77%
Ba 233.527	57019.7	0.7532	mg/L	0.00683	0.7532	mg/L	0.00683	0.91%
Be 313.107	-112.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	59.77%
Co 228.616	35.8	0.0016	mg/L	0.00007	0.0016	mg/L	0.00007	4.68%
Cr 267.716	242.3	0.0005	mg/L	0.00002	0.0005	mg/L	0.00002	3.45%
Cu 324.752	379.3	-0.0005	mg/L	0.00066	-0.0005	mg/L	0.00066	140.32%
Fe 273.955	18960.4	0.4481	mg/L	0.00027	0.4481	mg/L	0.00027	0.06%
Mg 279.077	618493.9	15.239	mg/L	0.1353	15.239	mg/L	0.1353	0.89%
Mn 257.610	853390.2	1.5284	mg/L	0.01452	1.5284	mg/L	0.01452	0.95%
Ni 231.604	320.6	0.0048	mg/L	0.00002	0.0048	mg/L	0.00002	0.42%
Pb 220.353	-9.8	0.0007	mg/L	0.00004	0.0007	mg/L	0.00004	5.01%
Sb 206.836	16.3	0.0101	mg/L	0.00321	0.0101	mg/L	0.00321	31.70%
Se 196.026	40.0	0.0287	mg/L	0.00166	0.0287	mg/L	0.00166	5.78%
Tl 190.801	-3.2	-0.0008	mg/L	0.00424	-0.0008	mg/L	0.00424	499.61%
V 292.402	-118.3	-0.0002	mg/L	0.00011	-0.0002	mg/L	0.00011	46.93%
Zn 206.200	488.6	0.0108	mg/L	0.00003	0.0108	mg/L	0.00003	0.30%
Na 330.237	145401.0	74.077	mg/L	0.9242	74.077	mg/L	0.9242	1.25%

Cd 226.502	-59.1	-0.0004 mg/L	0.00000	-0.0004 mg/L	0.00000	0.24%
Ti 334.940	-3125.6	0.0018 mg/L	0.00001	0.0018 mg/L	0.00001	0.72%
Ca 227.546	35809.9	109.27 mg/L	0.135	109.27 mg/L	0.135	0.12%

Sequence No.: 23
Sample ID: D1045-05F,19953
Analyst: 6F 9/15/05 ow
Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 9/14/05 11:55:37 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:50 PM,

6F

Mean Data: D1045-05F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	376.5	-0.0099	mg/L	0.00004	-0.0099	mg/L	0.00004	0.41%
Al 308.215	511.3	0.0128	mg/L	0.00549	0.0128	mg/L	0.00549	42.96%
As 188.979	-8.2	-0.0094	mg/L	0.00174	-0.0094	mg/L	0.00174	18.50%
Ba 233.527	8447.3	0.1111	mg/L	0.00055	0.1111	mg/L	0.00055	0.49%
Be 313.107	-152.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	55.87%
Co 228.616	13.9	0.0006	mg/L	0.00009	0.0006	mg/L	0.00009	14.18%
Cr 267.716	-19.4	-0.0001	mg/L	0.00031	-0.0001	mg/L	0.00031	260.84%
Cu 324.752	189.2	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	100.90%
Fe 273.955	1173.0	0.0277	mg/L	0.00007	0.0277	mg/L	0.00007	0.25%
Mg 279.077	234826.1	5.7758	mg/L	0.01786	5.7758	mg/L	0.01786	0.31%
Mn 257.610	16695.5	0.0295	mg/L	0.00009	0.0295	mg/L	0.00009	0.31%
Ni 231.604	94.4	0.0014	mg/L	0.00001	0.0014	mg/L	0.00001	0.37%
Pb 220.353	-6.8	0.0006	mg/L	0.00038	0.0006	mg/L	0.00038	58.52%
Sb 206.836	10.1	0.0063	mg/L	0.00067	0.0063	mg/L	0.00067	10.64%
Se 196.026	14.9	0.0117	mg/L	0.00010	0.0117	mg/L	0.00010	0.81%
Tl 190.801	-0.0	0.0008	mg/L	0.01099	0.0008	mg/L	0.01099	>999.9%
V 292.402	110.7	0.0004	mg/L	0.00012	0.0004	mg/L	0.00012	32.42%
Zn 206.200	129.7	0.0026	mg/L	0.00003	0.0026	mg/L	0.00003	1.30%
Na 330.237	9468.6	4.7797	mg/L	0.15046	4.7797	mg/L	0.15046	3.15%
Cd 226.502	-34.0	-0.0002	mg/L	0.00001	-0.0002	mg/L	0.00001	3.70%
Ti 334.940	-2600.7	0.0011	mg/L	0.00005	0.0011	mg/L	0.00005	5.14%
Ca 227.546	26255.1	80.121	mg/L	0.0186	80.121	mg/L	0.0186	0.02%

Sequence No.: 24
Sample ID: D1045-06F,19953
Analyst: TF 9/15/05 ow
Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 9/14/05 11:59:45 AM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:51 PM,

Mean Data: D1045-06F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	551.4	-0.0175	mg/L	0.00002	-0.0175	mg/L	0.00002	0.14%
Al 308.215	683.1	0.0152	mg/L	0.00214	0.0152	mg/L	0.00214	14.09%
As 188.979	-11.2	-0.0130	mg/L	0.00267	-0.0130	mg/L	0.00267	20.48%
Ba 233.527	14362.0	0.1888	mg/L	0.00022	0.1888	mg/L	0.00022	0.11%
Be 313.107	-234.1	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	2.62%
Co 228.616	61.0	0.0027	mg/L	0.00017	0.0027	mg/L	0.00017	6.35%
Cr 267.716	82.4	0.0001	mg/L	0.00030	0.0001	mg/L	0.00030	231.38%
Cu 324.752	751.4	0.0009	mg/L	0.00046	0.0009	mg/L	0.00046	51.25%
Fe 273.955	693.8	0.0164	mg/L	0.00026	0.0164	mg/L	0.00026	1.59%
Mg 279.077	1314115.7	32.330	mg/L	0.0297	32.330	mg/L	0.0297	0.09%
Mn 257.610	322454.0	0.5767	mg/L	0.00152	0.5767	mg/L	0.00152	0.26%
Ni 231.604	687.8	0.0102	mg/L	0.00005	0.0102	mg/L	0.00005	0.45%
Pb 220.353	-9.5	0.0015	mg/L	0.00018	0.0015	mg/L	0.00018	12.14%
Sb 206.836	23.8	0.0148	mg/L	0.00027	0.0148	mg/L	0.00027	1.86%
Se 196.026	37.1	0.0281	mg/L	0.00172	0.0281	mg/L	0.00172	6.12%
Tl 190.801	-0.5	0.0015	mg/L	0.00289	0.0015	mg/L	0.00289	195.43%
V 292.402	24.4	0.0002	mg/L	0.00019	0.0002	mg/L	0.00019	85.35%
Zn 206.200	153.6	0.0018	mg/L	0.00011	0.0018	mg/L	0.00011	6.04%
Na 330.237	87609.5	44.584	mg/L	0.0511	44.584	mg/L	0.0511	0.11%
Cd 226.502	-46.4	-0.0003	mg/L	0.00003	-0.0003	mg/L	0.00003	9.37%
Ti 334.940	-4563.9	0.0021	mg/L	0.00004	0.0021	mg/L	0.00004	1.70%
Ca 227.546	48387.5	147.66	mg/L	0.533	147.66	mg/L	0.533	0.36%

Sequence No.: 25
Sample ID: CRI
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 9/14/05 12:03:54 PM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:52 PM,

9/15/05 ar

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	4917.5	0.0107	mg/L	0.00017	0.0107	mg/L	0.00017	1.64%
Al 308.215	8418.8	0.2113	mg/L	0.00471	0.2113	mg/L	0.00471	2.23%
As 188.979	5.8	0.0067	mg/L	0.00115	0.0067	mg/L	0.00115	17.20%
Ba 233.527	16641.3	0.2200	mg/L	0.00054	0.2200	mg/L	0.00054	0.25%
Be 313.107	34499.2	0.0052	mg/L	0.00002	0.0052	mg/L	0.00002	0.36%
Co 228.616	1225.6	0.0544	mg/L	0.00027	0.0544	mg/L	0.00027	0.50%
Cr 267.716	1951.6	0.0105	mg/L	0.00006	0.0105	mg/L	0.00006	0.56%
Cu 324.752	9516.5	0.0255	mg/L	0.00031	0.0255	mg/L	0.00031	1.23%
Fe 273.955	4731.7	0.1087	mg/L	0.00008	0.1087	mg/L	0.00008	0.07%
Mg 279.077	211725.5	5.2076	mg/L	0.03749	5.2076	mg/L	0.03749	0.72%
Mn 257.610	9566.5	0.0171	mg/L	0.00011	0.0171	mg/L	0.00011	0.63%
Ni 231.604	2858.8	0.0425	mg/L	0.00004	0.0425	mg/L	0.00004	0.09%
Pb 220.353	99.5	0.0103	mg/L	0.00085	0.0103	mg/L	0.00085	8.29%
Sb 206.836	95.9	0.0585	mg/L	0.00008	0.0585	mg/L	0.00008	0.13%
Se 196.026	58.2	0.0401	mg/L	0.00024	0.0401	mg/L	0.00024	0.60%
Tl 190.801	22.9	0.0280	mg/L	0.00103	0.0280	mg/L	0.00103	3.68%
V 292.402	16113.7	0.0525	mg/L	0.00011	0.0525	mg/L	0.00011	0.20%
Zn 206.200	2994.5	0.0749	mg/L	0.00009	0.0749	mg/L	0.00009	0.12%
Na 330.237	8690.2	4.4288	mg/L	0.02571	4.4288	mg/L	0.02571	0.58%
Cd 226.502	785.0	0.0052	mg/L	0.00001	0.0052	mg/L	0.00001	0.20%
Ti 334.940	223.0	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	6.86%
Ca 227.546	1601.6	4.8822	mg/L	0.02591	4.8822	mg/L	0.02591	0.53%

Sequence No.: 26
Sample ID: CRI
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 9/14/05 12:08:03 PM

Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:52 PM,

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	4799.3	0.0104	mg/L	0.00026	0.0104	mg/L	0.00026	2.52%
Al 308.215	8436.5	0.2117	mg/L	0.00648	0.2117	mg/L	0.00648	3.06%
As 188.979	8.9	0.0101	mg/L	0.00127	0.0101	mg/L	0.00127	12.57%
Ba 233.527	16578.3	0.2191	mg/L	0.00034	0.2191	mg/L	0.00034	0.16%
Be 313.107	34186.7	0.0051	mg/L	0.00000	0.0051	mg/L	0.00000	0.08%
Co 228.616	1219.9	0.0541	mg/L	0.00007	0.0541	mg/L	0.00007	0.13%
Cr 267.716	1921.9	0.0103	mg/L	0.00008	0.0103	mg/L	0.00008	0.80%
Cu 324.752	9370.1	0.0251	mg/L	0.00027	0.0251	mg/L	0.00027	1.08%
Fe 273.955	4702.5	0.1080	mg/L	0.00025	0.1080	mg/L	0.00025	0.23%
Mg 279.077	209349.0	5.1492	mg/L	0.04316	5.1492	mg/L	0.04316	0.84%
Mn 257.610	9468.8	0.0169	mg/L	0.00005	0.0169	mg/L	0.00005	0.30%
Ni 231.604	2859.1	0.0425	mg/L	0.00011	0.0425	mg/L	0.00011	0.25%
Pb 220.353	102.5	0.0106	mg/L	0.00037	0.0106	mg/L	0.00037	3.51%
Sb 206.836	92.5	0.0564	mg/L	0.00122	0.0564	mg/L	0.00122	2.15%
Se 196.026	59.5	0.0410	mg/L	0.00131	0.0410	mg/L	0.00131	3.18%
Tl 190.801	21.1	0.0257	mg/L	0.00247	0.0257	mg/L	0.00247	9.60%
V 292.402	16166.8	0.0527	mg/L	0.00029	0.0527	mg/L	0.00029	0.55%
Zn 206.200	2985.3	0.0747	mg/L	0.00010	0.0747	mg/L	0.00010	0.13%
Na 330.237	8292.7	4.2261	mg/L	0.05307	4.2261	mg/L	0.05307	1.26%
Cd 226.502	793.6	0.0052	mg/L	0.00003	0.0052	mg/L	0.00003	0.50%
Ti 334.940	252.5	0.0004	mg/L	0.00004	0.0004	mg/L	0.00004	10.27%
Ca 227.546	1620.0	4.9383	mg/L	0.02288	4.9383	mg/L	0.02288	0.46%

Sequence No.: 27
Autosampler Location: 5

Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:

Date Collected: 9/14/05 12:12:14 PM
Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:53 PM,

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-12637.5	-0.0028	mg/L	0.00079	-0.0028	mg/L	0.00079	28.26%
Al 308.215	19091207.0	480.99	mg/L	1.823	480.99	mg/L	1.823	0.38%
As 188.979	-205.5	0.0096	mg/L	0.01199	0.0096	mg/L	0.01199	124.44%
Ba 233.527	1221.7	-0.0169	mg/L	0.00022	-0.0169	mg/L	0.00022	1.33%
Be 313.107	-293.2	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	35.90%
Co 228.616	-206.8	-0.0135	mg/L	0.00149	-0.0135	mg/L	0.00149	10.98%
Cr 267.716	1197.8	0.0064	mg/L	0.00023	0.0064	mg/L	0.00023	3.59%
Cu 324.752	-10322.8	-0.0109	mg/L	0.00023	-0.0109	mg/L	0.00023	2.08%
Fe 273.955	7377849.6	174.37	mg/L	1.241	174.37	mg/L	1.241	0.71%
Mg 279.077	19094435.9	469.67	mg/L	1.401	469.67	mg/L	1.401	0.30%
Mn 257.610	-9032.5	-0.0018	mg/L	0.00074	-0.0018	mg/L	0.00074	41.60%
Ni 231.604	189.6	-0.0058	mg/L	0.00031	-0.0058	mg/L	0.00031	5.38%
Pb 220.353	-477.2	0.0037	mg/L	0.00069	0.0037	mg/L	0.00069	18.51%
Sb 206.836	518.3	0.0462	mg/L	0.03566	0.0462	mg/L	0.03566	77.25%
Se 196.026	231.0	0.0190	mg/L	0.02972	0.0190	mg/L	0.02972	156.26%
Tl 190.801	135.9	0.0263	mg/L	0.04143	0.0263	mg/L	0.04143	157.27%
V 292.402	362.0	0.0045	mg/L	0.00032	0.0045	mg/L	0.00032	7.06%
Zn 206.200	801.8	-0.0137	mg/L	0.00042	-0.0137	mg/L	0.00042	3.04%
Na 330.237	-487.3	-0.4278	mg/L	0.07293	-0.4278	mg/L	0.07293	17.05%
Cd 226.502	68.3	-0.0022	mg/L	0.00034	-0.0022	mg/L	0.00034	15.67%
Ti 334.940	-15510.2	0.0071	mg/L	0.00006	0.0071	mg/L	0.00006	0.82%
Ca 227.546	163419.1	496.70	mg/L	5.241	496.70	mg/L	5.241	1.06%

Sequence No.: 28
Sample ID: ICSAB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/05 12:14:59 PM
Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:54 PM,

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	80279.1	0.2046	mg/L	0.00140	0.2046	mg/L	0.00140	0.68%
Al 308.215	18937895.3	477.12	mg/L	4.226	477.12	mg/L	4.226	0.89%
As 188.979	-119.5	0.1073	mg/L	0.00782	0.1073	mg/L	0.00782	7.29%
Ba 233.527	37673.8	0.4649	mg/L	0.00321	0.4649	mg/L	0.00321	0.69%
Be 313.107	3154723.4	0.4736	mg/L	0.00336	0.4736	mg/L	0.00336	0.71%
Co 228.616	9682.4	0.4252	mg/L	0.00336	0.4252	mg/L	0.00336	0.79%
Cr 267.716	85989.6	0.4615	mg/L	0.00141	0.4615	mg/L	0.00141	0.31%
Cu 324.752	166766.5	0.4647	mg/L	0.00029	0.4647	mg/L	0.00029	0.06%
Fe 273.955	7373529.5	174.24	mg/L	0.181	174.24	mg/L	0.181	0.10%
Mg 279.077	18898511.8	464.86	mg/L	3.180	464.86	mg/L	3.180	0.68%
Mn 257.610	251994.6	0.4667	mg/L	0.00011	0.4667	mg/L	0.00011	0.02%
Ni 231.604	59478.3	0.8756	mg/L	0.00241	0.8756	mg/L	0.00241	0.28%
Pb 220.353	45.9	0.0576	mg/L	0.00304	0.0576	mg/L	0.00304	5.27%
Sb 206.836	1303.2	0.5263	mg/L	0.01218	0.5263	mg/L	0.01218	2.31%
Se 196.026	262.5	0.0418	mg/L	0.02417	0.0418	mg/L	0.02417	57.77%
Tl 190.801	178.9	0.0797	mg/L	0.04256	0.0797	mg/L	0.04256	53.42%
V 292.402	146303.2	0.4803	mg/L	0.00188	0.4803	mg/L	0.00188	0.39%
Zn 206.200	35098.9	0.8477	mg/L	0.00012	0.8477	mg/L	0.00012	0.01%
Na 330.237	336.7	-0.0021	mg/L	0.00165	-0.0021	mg/L	0.00165	77.00%
Cd 226.502	136960.4	0.9013	mg/L	0.00192	0.9013	mg/L	0.00192	0.21%
Ti 334.940	-15259.6	0.0073	mg/L	0.00002	0.0073	mg/L	0.00002	0.27%
Ca 227.546	163978.7	498.35	mg/L	1.047	498.35	mg/L	1.047	0.21%

Sequence No.: 29
Sample ID: CCV
Analyst:
Sample Wt:

Autosampler Location: 3
Date Collected: 9/14/05 12:17:49 PM
Sample Prep Volume:

Dilution: Data Type: Reprocessed on 9/14/05 6:38:55 PM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	584724.6	1.3105	mg/L	0.00637	1.3105	mg/L	0.00637	0.49%
Al 308.215	390832.4	9.7993	mg/L	0.06535	9.7993	mg/L	0.06535	0.67%
As 188.979	456.8	0.5261	mg/L	0.00466	0.5261	mg/L	0.00466	0.89%
Ba 233.527	797149.2	10.539	mg/L	0.0739	10.539	mg/L	0.0739	0.70%
Be 313.107	1728973.8	0.2596	mg/L	0.00180	0.2596	mg/L	0.00180	0.69%
Co 228.616	57549.5	2.5530	mg/L	0.00439	2.5530	mg/L	0.00439	0.17%
Cr 267.716	186894.6	1.0023	mg/L	0.00020	1.0023	mg/L	0.00020	0.02%
Cu 324.752	472931.3	1.2695	mg/L	0.00704	1.2695	mg/L	0.00704	0.55%
Fe 273.955	216883.4	4.9753	mg/L	0.00916	4.9753	mg/L	0.00916	0.18%
Mg 279.077	1034785.1	25.502	mg/L	0.1560	25.502	mg/L	0.1560	0.61%
Mn 257.610	1447784.6	2.5952	mg/L	0.01346	2.5952	mg/L	0.01346	0.52%
Ni 231.604	170093.5	2.5280	mg/L	0.00842	2.5280	mg/L	0.00842	0.33%
Pb 220.353	5048.3	0.5203	mg/L	0.00050	0.5203	mg/L	0.00050	0.10%
Sb 206.836	870.9	0.5246	mg/L	0.00682	0.5246	mg/L	0.00682	1.30%
Se 196.026	757.9	0.5175	mg/L	0.00135	0.5175	mg/L	0.00135	0.26%
Tl 190.801	423.4	0.5138	mg/L	0.00090	0.5138	mg/L	0.00090	0.18%
V 292.402	785761.1	2.5593	mg/L	0.01777	2.5593	mg/L	0.01777	0.69%
Zn 206.200	102058.9	2.5603	mg/L	0.01619	2.5603	mg/L	0.01619	0.63%
Na 330.237	46650.5	23.792	mg/L	0.2042	23.792	mg/L	0.2042	0.86%
Cd 226.502	38451.0	0.2542	mg/L	0.00226	0.2542	mg/L	0.00226	0.89%
Ti 334.940	728.6	0.0013	mg/L	0.00001	0.0013	mg/L	0.00001	0.80%
Ca 227.546	8458.6	25.537	mg/L	0.0120	25.537	mg/L	0.0120	0.05%

Sequence No.: 30 Autosampler Location: 4
Sample ID: CCB Date Collected: 9/14/05 12:22:02 PM
Analyst:
Sample Wt: Sample Prep Volume:
Dilution: Data Type: Reprocessed on 9/14/05 6:38:56 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	147.4	0.0003	mg/L	0.00050	0.0003	mg/L	0.00050	148.95%
Al 308.215	530.0	0.0134	mg/L	0.00029	0.0134	mg/L	0.00029	2.16%
As 188.979	-3.0	-0.0033	mg/L	0.00039	-0.0033	mg/L	0.00039	11.56%
Ba 233.527	11.6	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	93.55%
Be 313.107	61.9	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	94.36%
Co 228.616	7.1	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	22.63%
Cr 267.716	-51.1	-0.0003	mg/L	0.00031	-0.0003	mg/L	0.00031	113.87%
Cu 324.752	534.2	0.0014	mg/L	0.00054	0.0014	mg/L	0.00054	37.71%
Fe 273.955	272.3	0.0064	mg/L	0.00119	0.0064	mg/L	0.00119	18.52%
Mg 279.077	675.9	0.0166	mg/L	0.00356	0.0166	mg/L	0.00356	21.43%
Mn 257.610	102.5	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	31.85%
Ni 231.604	2.7	0.0000	mg/L	0.00011	0.0000	mg/L	0.00011	278.37%
Pb 220.353	2.0	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	76.21%
Sb 206.836	3.2	0.0019	mg/L	0.00035	0.0019	mg/L	0.00035	18.14%
Se 196.026	5.1	0.0035	mg/L	0.00215	0.0035	mg/L	0.00215	61.13%
Tl 190.801	1.8	0.0022	mg/L	0.00128	0.0022	mg/L	0.00128	57.58%
V 292.402	-31.9	-0.0001	mg/L	0.00013	-0.0001	mg/L	0.00013	120.78%
Zn 206.200	25.9	0.0006	mg/L	0.00028	0.0006	mg/L	0.00028	43.68%
Na 330.237	-210.5	-0.1073	mg/L	0.10767	-0.1073	mg/L	0.10767	100.33%
Cd 226.502	1.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	124.95%
Ti 334.940	42.5	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	186.12%
Ca 227.546	-4.4	-0.0134	mg/L	0.04186	-0.0134	mg/L	0.04186	312.02%

Sequence No.: 31
Sample ID: D1045-07F,19953
Analyst:
Sample Wt: D1045-08F,19953 7/15/05
Dilution:
Autosampler Location: 53
Date Collected: 9/14/05 12:26:09 PM
Sample Prep Volume:
Data Type: Reprocessed on 9/14/05 6:38:56 PM,

Analysis Begun

Start Time: 9/14/2005 1:40:23 PM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/14/2005 8:15:54 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\NA993-CLP.sif
Batch ID:
Results Data Set: B05091403
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: Na CLP
IEC File:
Method Description: Na CLP
Method Last Saved: 1/6/2005 10:16:27 AM
MSF File:

Sequence No.: 1
Sample ID: S0
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 9/14/2005 1:40:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Na 589.592	974.2	132.05	13.55%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 9/14/2005 1:42:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Na 589.592	374037.9	2665.94	0.71%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Na 589.592	1	Lin Thru 0	0.0	7481	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 9
Date Collected: 9/14/2005 1:45:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	295984.3	39.566	mg/L	0.2187	39.566	mg/L	0.2187	0.55%

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/14/2005 1:47:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	134.5	0.0180	mg/L	0.00049	0.0180	mg/L	0.00049	2.74%

Sequence No.: 5
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 1:49:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	655.9	0.0877	mg/L	0.00425	0.0877	mg/L	0.00425	4.85%

Sequence No.: 6
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 1:52:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	462.0	0.0618	mg/L	0.00080	0.0618	mg/L	0.00080	1.29%

Sequence No.: 7
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 1:54:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	197192.3	26.360	mg/L	0.1186	26.360	mg/L	0.1186	0.45%

Sequence No.: 8
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 1:56:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	119.6	0.0160	mg/L	0.01012	0.0160	mg/L	0.01012	63.31%

Sequence No.: 9
Sample ID: MB-19927,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 9/14/2005 1:59:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19927,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	164.3	0.0220	mg/L	0.00603	0.0220	mg/L	0.00603	27.47%

Sequence No.: 10
Sample ID: LCS-19927,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 9/14/2005 2:01:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19927,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	17570.9	2.3488	mg/L	0.02777	2.3488	mg/L	0.02777	1.18%

Sequence No.: 11
Sample ID: MB-19928,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 9/14/2005 2:03:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19928,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	-100.2	-0.0134	mg/L	0.03430	-0.0134	mg/L	0.03430	256.06%

Sequence No.: 12
Sample ID: LCS-19928,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 9/14/2005 2:06:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19928,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	162532.5	21.727	mg/L	0.0178	21.727	mg/L	0.0178	0.08%

Sequence No.: 13
Sample ID: D0993-01D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 9/14/2005 2:08:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-01D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	7.2	0.0010	mg/L	0.01709	0.0010	mg/L	0.01709	>999.9%

Sequence No.: 14
Sample ID: D0993-01DSD,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 9/14/2005 2:10:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-01DSD,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	37.2	0.0050	mg/L	0.01248	0.0050	mg/L	0.01248	250.91%

Sequence No.: 15
Sample ID: D0996-11D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 9/14/2005 2:13:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-11D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	-27.6	-0.0037	mg/L	0.00853	-0.0037	mg/L	0.00853	231.29%

Sequence No.: 16
Sample ID: D0996-11DSD,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 9/14/2005 2:15:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-11DSD,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	-181.7	-0.0243	mg/L	0.00262	-0.0243	mg/L	0.00262	10.81%

Sequence No.: 17
Sample ID: D1003-01D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 9/14/2005 2:17:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-01D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	70.6	0.0094	mg/L	0.01484	0.0094	mg/L	0.01484	157.32%

Sequence No.: 18
Sample ID: D1003-02D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 9/14/2005 2:20:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-02D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	862920.1	115.35	mg/L	0.065	115.35	mg/L	0.065	0.06%

Sequence No.: 19
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 2:22:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	199714.7	26.697	mg/L	0.3685	26.697	mg/L	0.3685	1.38%

Sequence No.: 20
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 2:25:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	65.6	0.0088	mg/L	0.02506	0.0088	mg/L	0.02506	285.72%

Sequence No.: 21
Sample ID: D1003-02DDUP,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 9/14/2005 2:27:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-02DDUP,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	834201.5	111.51	mg/L	0.085	111.51	mg/L	0.085	0.08%

Sequence No.: 22
Sample ID: D1003-02DSD,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 9/14/2005 2:29:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-02DSD,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	180801.5	24.169	mg/L	0.3189	24.169	mg/L	0.3189	1.32%

Sequence No.: 23
Sample ID: D1003-04D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 9/14/2005 2:32:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-04D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	308345.6	41.218	mg/L	0.3097	41.218	mg/L	0.3097	0.75%

Sequence No.: 24
Sample ID: D1003-05D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 9/14/2005 2:34:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-05D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	301340.3	40.282	mg/L	0.0363	40.282	mg/L	0.0363	0.09%

Sequence No.: 25
Sample ID: D1003-07D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 9/14/2005 2:36:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-07D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	819915.7	109.60	mg/L	1.065	109.60	mg/L	1.065	0.97%

Sequence No.: 26
Sample ID: D0993-02E,19927
Analyst:
Initial Sample Wt:

Autosampler Location: 55
Date Collected: 9/14/2005 2:39:16 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: D0993-02E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	168340.3	22.503	mg/L	0.1880	22.503	mg/L	0.1880	0.84%

Sequence No.: 27
Sample ID: D0993-02EDUP,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 9/14/2005 2:41:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-02EDUP,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	164297.5	21.963	mg/L	0.2858	21.963	mg/L	0.2858	1.30%

Sequence No.: 28
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 2:43:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1070.0	0.1430	mg/L	0.02577	0.1430	mg/L	0.02577	18.02%

Sequence No.: 29
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 2:46:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	900.8	0.1204	mg/L	0.00370	0.1204	mg/L	0.00370	3.07%

Sequence No.: 30
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 2:48:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	198197.5	26.494	mg/L	0.1065	26.494	mg/L	0.1065	0.40%

Sequence No.: 31
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 2:51:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Na 589.592	298.9	0.0400 mg/L	0.00360	0.0400 mg/L	0.00360	9.01%

Sequence No.: 32
Sample ID: D0993-02ESD,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 9/14/2005 2:53:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-02ESD,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	37494.1	5.0121	mg/L	0.00306	5.0121	mg/L	0.00306	0.06%

Sequence No.: 33
Sample ID: D0993-03E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 9/14/2005 2:55:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-03E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	25498.1	3.4085	mg/L	0.00615	3.4085	mg/L	0.00615	0.18%

Sequence No.: 34
Sample ID: D0993-04E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 9/14/2005 2:58:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-04E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	42100.5	5.6278	mg/L	0.00125	5.6278	mg/L	0.00125	0.02%

Sequence No.: 35
Sample ID: D0993-05E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 9/14/2005 3:00:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-05E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	31334.3	4.1887	mg/L	0.11601	4.1887	mg/L	0.11601	2.77%

Sequence No.: 36
Sample ID: D0993-06E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 9/14/2005 3:02:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-06E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	16058.8	2.1467	mg/L	0.02475	2.1467	mg/L	0.02475	1.15%

Sequence No.: 37
Sample ID: D0993-07E,19927
Analyst:

Autosampler Location: 62
Date Collected: 9/14/2005 3:05:10 PM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-07E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	14552.1	1.9453	mg/L	0.00932	1.9453	mg/L	0.00932	0.48%

Sequence No.: 38
Sample ID: D0993-08E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 63
Date Collected: 9/14/2005 3:07:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-08E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	9072.7	1.2128	mg/L	0.00420	1.2128	mg/L	0.00420	0.35%

Sequence No.: 39
Sample ID: D0993-09E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 64
Date Collected: 9/14/2005 3:09:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-09E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	13265.5	1.7733	mg/L	0.00073	1.7733	mg/L	0.00073	0.04%

Sequence No.: 40
Sample ID: D0993-10E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 65
Date Collected: 9/14/2005 3:12:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-10E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	14112.8	1.8865	mg/L	0.01198	1.8865	mg/L	0.01198	0.64%

Sequence No.: 41
Sample ID: D0993-11E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 66
Date Collected: 9/14/2005 3:14:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-11E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	16696.1	2.2319	mg/L	0.02855	2.2319	mg/L	0.02855	1.28%

Sequence No.: 42
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/14/2005 3:16:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Na 589.592	201295.9	26.908	mg/L	0.5667	26.908	mg/L	0.5667	2.11%

Sequence No.: 43
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 3:19:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	12.0	0.0016	mg/L	0.00644	0.0016	mg/L	0.00644	400.38%

Sequence No.: 44
Sample ID: D0993-12E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 9/14/2005 3:21:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-12E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	10526.8	1.4072	mg/L	0.00957	1.4072	mg/L	0.00957	0.68%

Sequence No.: 45
Sample ID: D0993-13E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 9/14/2005 3:23:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-13E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	7314.0	0.9777	mg/L	0.02383	0.9777	mg/L	0.02383	2.44%

Sequence No.: 46
Sample ID: D0993-14E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 9/14/2005 3:26:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-14E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	30543.8	4.0830	mg/L	0.02219	4.0830	mg/L	0.02219	0.54%

Sequence No.: 47
Sample ID: D0993-15E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 9/14/2005 3:28:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-15E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Na 589.592	8067.4	1.0784	mg/L	0.01298	1.0784	mg/L	0.01298	1.20%

Sequence No.: 48
Sample ID: D0993-17E,19927

Autosampler Location: 71
Date Collected: 9/14/2005 3:31:02 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-17E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	18304.0	2.4468	mg/L	0.00967	2.4468	mg/L	0.00967	0.40%

Sequence No.: 49
Sample ID: D0993-18E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 9/14/2005 3:33:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-18E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	12546.9	1.6772	mg/L	0.03674	1.6772	mg/L	0.03674	2.19%

Sequence No.: 50
Sample ID: D0993-19E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 73
Date Collected: 9/14/2005 3:35:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-19E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	29601.4	3.9570	mg/L	0.02760	3.9570	mg/L	0.02760	0.70%

Sequence No.: 51
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 3:38:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	860.2	0.1150	mg/L	0.00084	0.1150	mg/L	0.00084	0.73%

Sequence No.: 52
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 3:40:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	355.2	0.0475	mg/L	0.00210	0.0475	mg/L	0.00210	4.42%

Sequence No.: 53
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 3:42:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	201846.4	26.982	mg/L	0.2550	26.982	mg/L	0.2550	0.94%

Sequence No.: 54
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 3:45:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	17.5	0.0023	mg/L	0.01589	0.0023	mg/L	0.01589	677.45%

Sequence No.: 55
Sample ID: D0993-20E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 74
Date Collected: 9/14/2005 3:47:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-20E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	11935.9	1.5955	mg/L	0.02266	1.5955	mg/L	0.02266	1.42%

Sequence No.: 56
Sample ID: MB-19953,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 9/14/2005 3:49:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	-20.3	-0.0027	mg/L	0.00759	-0.0027	mg/L	0.00759	279.22%

Sequence No.: 57
Sample ID: LCS-19953,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 76
Date Collected: 9/14/2005 3:52:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	196737.1	26.299	mg/L	0.1295	26.299	mg/L	0.1295	0.49%

Sequence No.: 58
Sample ID: D1004-01D,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 77
Date Collected: 9/14/2005 3:54:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01D,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1337.0	0.1787	mg/L	0.00490	0.1787	mg/L	0.00490	2.74%

Sequence No.: 59

Autosampler Location: 78

Sample ID: D1004-01DDUP,19953
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 9/14/2005 3:56:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01DDUP,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1372.1	0.1834	mg/L	0.00516	0.1834	mg/L	0.00516	2.81%

Sequence No.: 60
Sample ID: D1004-01DSD,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 79
Date Collected: 9/14/2005 3:59:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01DSD,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	220.5	0.0295	mg/L	0.00613	0.0295	mg/L	0.00613	20.79%

Sequence No.: 61
Sample ID: MB-19935,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 80
Date Collected: 9/14/2005 4:01:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19935,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	393.2	0.0526	mg/L	0.00416	0.0526	mg/L	0.00416	7.91%

Sequence No.: 62
Sample ID: D1045-02C,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 81
Date Collected: 9/14/2005 4:04:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-02C,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	92163.2	12.320	mg/L	0.1344	12.320	mg/L	0.1344	1.09%

Sequence No.: 63
Sample ID: D1045-04F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 82
Date Collected: 9/14/2005 4:06:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-04F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	603798.6	80.714	mg/L	0.0416	80.714	mg/L	0.0416	0.05%

Sequence No.: 64
Sample ID: D1045-05F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 83
Date Collected: 9/14/2005 4:08:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-05F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	615576.8	82.288	mg/L	0.8332	82.288	mg/L	0.8332	1.01%

Sequence No.: 65
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 4:11:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	201495.0	26.935	mg/L	0.0555	26.935	mg/L	0.0555	0.21%

Sequence No.: 66
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 4:13:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	175.5	0.0235	mg/L	0.00273	0.0235	mg/L	0.00273	11.62%

Sequence No.: 67
Sample ID: D1045-06F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 9/14/2005 4:15:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-06F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	44795.6	5.9881	mg/L	0.02868	5.9881	mg/L	0.02868	0.48%

Sequence No.: 68
Sample ID: D1045-07F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 9/14/2005 4:18:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-07F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	358989.6	47.988	mg/L	0.1777	47.988	mg/L	0.1777	0.37%

Sequence No.: 69
Sample ID: D1045-08F19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 9/14/2005 4:20:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-08F19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	171125.9	22.875	mg/L	0.0765	22.875	mg/L	0.0765	0.33%

Sequence No.: 70
Sample ID: D1045-09F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 87
Date Collected: 9/14/2005 4:22:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-09F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	46231.6	6.1801	mg/L	0.04510	6.1801	mg/L	0.04510	0.73%

Sequence No.: 71
Sample ID: D1045-11H,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 88
Date Collected: 9/14/2005 4:25:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-11H,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	54277.3	7.2556	mg/L	0.12349	7.2556	mg/L	0.12349	1.70%

Sequence No.: 72
Sample ID: D1045-11HSD,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 89
Date Collected: 9/14/2005 4:27:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-11HSD,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	11021.9	1.4734	mg/L	0.01097	1.4734	mg/L	0.01097	0.74%

Sequence No.: 73
Sample ID: MB-19952,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 90
Date Collected: 9/14/2005 4:30:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19952,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	629.8	0.0842	mg/L	0.00325	0.0842	mg/L	0.00325	3.86%

Sequence No.: 74
Sample ID: LCS-19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 91
Date Collected: 9/14/2005 4:32:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	19106.9	2.5541	mg/L	0.01012	2.5541	mg/L	0.01012	0.40%

Sequence No.: 75
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 4:34:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	849.1	0.1135	mg/L	0.00183	0.1135	mg/L	0.00183	1.61%

Sequence No.: 76
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 4:37:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	598.5	0.0800	mg/L	0.00787	0.0800	mg/L	0.00787	9.83%

Sequence No.: 77
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 4:39:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	198359.9	26.516	mg/L	0.0040	26.516	mg/L	0.0040	0.02%

Sequence No.: 78
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 4:41:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	165.2	0.0221	mg/L	0.01979	0.0221	mg/L	0.01979	89.60%

Sequence No.: 79
Sample ID: D0996-01E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 92
Date Collected: 9/14/2005 4:44:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-01E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	13670.8	1.8275	mg/L	0.02397	1.8275	mg/L	0.02397	1.31%

Sequence No.: 80
Sample ID: D0996-02E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 93
Date Collected: 9/14/2005 4:46:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-02E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	37742.6	5.0453	mg/L	0.00481	5.0453	mg/L	0.00481	0.10%

Sequence No.: 81
Sample ID: D0996-03E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 94
Date Collected: 9/14/2005 4:48:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-03E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Na 589.592	10591.0	1.4158	mg/L	0.00181	1.4158	mg/L	0.00181	0.13%

Sequence No.: 82
Sample ID: D0996-04E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 95
Date Collected: 9/14/2005 4:51:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-04E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Na 589.592	16012.3	2.1405	mg/L	0.00156	2.1405	mg/L	0.00156	0.07%

Sequence No.: 83
Sample ID: D0996-05E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 96
Date Collected: 9/14/2005 4:53:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-05E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Na 589.592	28012.1	3.7445	mg/L	0.08164	3.7445	mg/L	0.08164	2.18%

Sequence No.: 84
Sample ID: D0996-05EDUP,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 97
Date Collected: 9/14/2005 4:55:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-05EDUP,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Na 589.592	25567.6	3.4178	mg/L	0.01672	3.4178	mg/L	0.01672	0.49%

Sequence No.: 85
Sample ID: D0996-05ESD,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 9/14/2005 4:58:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-05ESD,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Na 589.592	5905.2	0.7894	mg/L	0.02198	0.7894	mg/L	0.02198	2.78%

Sequence No.: 86
Sample ID: D0996-07E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 9/14/2005 5:00:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-07E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	67099.4	8.9696	mg/L	0.03162	8.9696	mg/L	0.03162	0.35%

Sequence No.: 87
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/14/2005 5:03:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	198720.2	26.564	mg/L	0.5330	26.564	mg/L	0.5330	2.01%

Sequence No.: 88
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/14/2005 5:05:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	-4.5	-0.0006	mg/L	0.01621	-0.0006	mg/L	0.01621	>999.9%

Sequence No.: 89
Sample ID: D0996-08E,19952
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 102
Date Collected: 9/14/2005 5:07:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-08E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	75024.2	10.029	mg/L	0.1378	10.029	mg/L	0.1378	1.37%

Sequence No.: 90
Sample ID: D0996-09E,19952
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 103
Date Collected: 9/14/2005 5:10:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-09E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	127434.6	17.035	mg/L	0.1875	17.035	mg/L	0.1875	1.10%

Sequence No.: 91
Sample ID: D0996-10E,19952
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 104
Date Collected: 9/14/2005 5:12:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-10E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	78250.9	10.460	mg/L	0.0463	10.460	mg/L	0.0463	0.44%

Sequence No.: 92
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 5:14:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	1376.7	0.1840	mg/L	0.02792	0.1840	mg/L	0.02792	15.17%

Sequence No.: 93
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 5:17:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	350.4	0.0468	mg/L	0.01007	0.0468	mg/L	0.01007	21.49%

Sequence No.: 94
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 5:19:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	199851.2	26.715	mg/L	0.2794	26.715	mg/L	0.2794	1.05%

Sequence No.: 95
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 5:21:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Na 589.592	155.6	0.0208	mg/L	0.00898	0.0208	mg/L	0.00898	43.20%

Analysis Begun

Start Time: 9/14/2005 5:23:43 PM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/14/2005 8:15:54 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\NA993-CLP.sif
Batch ID:
Results Data Set: B05091404
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: K CLP
IEC File:
Method Description: K CLP
Method Last Saved: 1/6/2005 10:16:44 AM
MSF File:

Sequence No.: 1
Sample ID: S0
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 9/14/2005 5:23:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
K 766.490	1795.1	62.51	3.48%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 9/14/2005 5:26:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
K 766.490	166732.5	667.39	0.40%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
K 766.490	1	Lin Thru 0	0.0	3335	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 9
Date Collected: 9/14/2005 5:28:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	125434.0	37.615	mg/L	0.5487	37.615	mg/L	0.5487	1.46%

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 9/14/2005 5:30:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-74.2	-0.0223	mg/L	0.01239	-0.0223	mg/L	0.01239	55.64%

Sequence No.: 5
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 5:33:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	392.7	0.1178	mg/L	0.02609	0.1178	mg/L	0.02609	22.16%

Sequence No.: 6
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 5:35:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	249.9	0.0749	mg/L	0.04210	0.0749	mg/L	0.04210	56.18%

Sequence No.: 7
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 5:38:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	82468.0	24.731	mg/L	0.1362	24.731	mg/L	0.1362	0.55%

Sequence No.: 8
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 5:40:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-80.1	-0.0240	mg/L	0.03664	-0.0240	mg/L	0.03664	152.58%

Sequence No.: 9
Sample ID: MB-19927,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 9/14/2005 5:42:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19927,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-130.3	-0.0391	mg/L	0.04890	-0.0391	mg/L	0.04890	125.11%

Sequence No.: 10
Sample ID: LCS-19927,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 9/14/2005 5:45:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19927,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	68871.7	20.653	mg/L	0.0119	20.653	mg/L	0.0119	0.06%

Sequence No.: 11
Sample ID: MB-19928,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 9/14/2005 5:47:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19928,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-319.7	-0.0959	mg/L	0.01652	-0.0959	mg/L	0.01652	17.23%

Sequence No.: 12
Sample ID: LCS-19928,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 9/14/2005 5:49:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19928,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	68300.3	20.482	mg/L	0.1988	20.482	mg/L	0.1988	0.97%

Sequence No.: 13
Sample ID: D0993-01D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 9/14/2005 5:52:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-01D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-275.4	-0.0826	mg/L	0.03409	-0.0826	mg/L	0.03409	41.28%

Sequence No.: 14
Sample ID: D0993-01DSD,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 9/14/2005 5:54:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-01DSD,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-334.8	-0.1004	mg/L	0.00035	-0.1004	mg/L	0.00035	0.35%

Sequence No.: 15
Sample ID: D0996-11D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 9/14/2005 5:56:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-11D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-303.8	-0.0911	mg/L	0.04713	-0.0911	mg/L	0.04713	51.73%

Sequence No.: 16
Sample ID: D0996-11DSD,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 9/14/2005 5:59:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-11DSD,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-246.1	-0.0738	mg/L	0.01464	-0.0738	mg/L	0.01464	19.83%

Sequence No.: 17
Sample ID: D1003-01D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 9/14/2005 6:01:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-01D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-233.1	-0.0699	mg/L	0.00436	-0.0699	mg/L	0.00436	6.23%

Sequence No.: 18
Sample ID: D1003-02D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 9/14/2005 6:03:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-02D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	17230.5	5.1671	mg/L	0.01591	5.1671	mg/L	0.01591	0.31%

Sequence No.: 19
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 6:06:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	83897.8	25.159	mg/L	0.1252	25.159	mg/L	0.1252	0.50%

Sequence No.: 20
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 6:08:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-119.5	-0.0358	mg/L	0.03998	-0.0358	mg/L	0.03998	111.56%

Sequence No.: 21
Sample ID: D1003-02DDUP,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 9/14/2005 6:10:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-02DDUP,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	16858.4	5.0555	mg/L	0.05445	5.0555	mg/L	0.05445	1.08%

Sequence No.: 22
Sample ID: D1003-02DSD,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 9/14/2005 6:13:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-02DSD,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	3352.0	1.0052	mg/L	0.01238	1.0052	mg/L	0.01238	1.23%

Sequence No.: 23
Sample ID: D1003-04D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 9/14/2005 6:15:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-04D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	5183.8	1.5545	mg/L	0.01660	1.5545	mg/L	0.01660	1.07%

Sequence No.: 24
Sample ID: D1003-05D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 9/14/2005 6:18:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-05D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	4993.6	1.4975	mg/L	0.00666	1.4975	mg/L	0.00666	0.44%

Sequence No.: 25
Sample ID: D1003-07D,19928
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 9/14/2005 6:20:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1003-07D,19928

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	47103.2	14.125	mg/L	0.0233	14.125	mg/L	0.0233	0.16%

Sequence No.: 26
Sample ID: D0993-02E,19927
Analyst:
Initial Sample Wt:

Autosampler Location: 55
Date Collected: 9/14/2005 6:22:43 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: D0993-02E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	21938.6	6.5790	mg/L	0.01586	6.5790	mg/L	0.01586	0.24%

Sequence No.: 27
Sample ID: D0993-02EDUP,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 9/14/2005 6:25:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-02EDUP,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	20662.5	6.1963	mg/L	0.05360	6.1963	mg/L	0.05360	0.86%

Sequence No.: 28
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 6:27:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	419.6	0.1258	mg/L	0.02560	0.1258	mg/L	0.02560	20.34%

Sequence No.: 29
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 6:29:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	236.9	0.0711	mg/L	0.01431	0.0711	mg/L	0.01431	20.14%

Sequence No.: 30
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 6:32:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	82255.5	24.667	mg/L	0.2351	24.667	mg/L	0.2351	0.95%

Sequence No.: 31
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 6:34:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

K 766.490	-28.3	-0.0085	mg/L	0.02009	-0.0085	mg/L	0.02009 236.56%

Sequence No.: 32
Sample ID: D0993-02ESD,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 57
Date Collected: 9/14/2005 6:36:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-02ESD,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	4836.7	1.4504	mg/L	0.00641	1.4504	mg/L	0.00641	0.44%

Sequence No.: 33
Sample ID: D0993-03E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 58
Date Collected: 9/14/2005 6:39:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-03E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	22705.8	6.8090	mg/L	0.07439	6.8090	mg/L	0.07439	1.09%

Sequence No.: 34
Sample ID: D0993-04E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 59
Date Collected: 9/14/2005 6:41:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-04E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	23209.9	6.9602	mg/L	0.08131	6.9602	mg/L	0.08131	1.17%

Sequence No.: 35
Sample ID: D0993-05E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 60
Date Collected: 9/14/2005 6:43:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-05E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	27128.2	8.1352	mg/L	0.07018	8.1352	mg/L	0.07018	0.86%

Sequence No.: 36
Sample ID: D0993-06E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 61
Date Collected: 9/14/2005 6:46:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-06E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	40360.6	12.103	mg/L	0.1518	12.103	mg/L	0.1518	1.25%

Sequence No.: 37
Sample ID: D0993-07E,19927
Analyst:
Autosampler Location: 62
Date Collected: 9/14/2005 6:48:33 PM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-07E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	35102.2	10.527	mg/L	0.1073	10.527	mg/L	0.1073	1.02%

Sequence No.: 38
Sample ID: D0993-08E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 63
Date Collected: 9/14/2005 6:50:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-08E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	20240.5	6.0697	mg/L	0.02204	6.0697	mg/L	0.02204	0.36%

Sequence No.: 39
Sample ID: D0993-09E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 64
Date Collected: 9/14/2005 6:53:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-09E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	25442.3	7.6297	mg/L	0.03430	7.6297	mg/L	0.03430	0.45%

Sequence No.: 40
Sample ID: D0993-10E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 65
Date Collected: 9/14/2005 6:55:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-10E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	75223.6	22.558	mg/L	0.2099	22.558	mg/L	0.2099	0.93%

Sequence No.: 41
Sample ID: D0993-11E,19927
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 66
Date Collected: 9/14/2005 6:57:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-11E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	49103.1	14.725	mg/L	0.1330	14.725	mg/L	0.1330	0.90%

Sequence No.: 42
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/14/2005 7:00:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
K 766.490	81735.9	24.511	mg/L	0.0169	24.511	mg/L	0.0169	0.07%

Sequence No.: 43
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 7:02:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	-307.6	-0.0923	mg/L	0.03050	-0.0923	mg/L	0.03050	33.06%

Sequence No.: 44
Sample ID: D0993-12E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 9/14/2005 7:05:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-12E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	23401.6	7.0177	mg/L	0.05008	7.0177	mg/L	0.05008	0.71%

Sequence No.: 45
Sample ID: D0993-13E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 9/14/2005 7:07:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-13E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	22347.5	6.7016	mg/L	0.01804	6.7016	mg/L	0.01804	0.27%

Sequence No.: 46
Sample ID: D0993-14E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 9/14/2005 7:09:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-14E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	33735.3	10.117	mg/L	0.1948	10.117	mg/L	0.1948	1.93%

Sequence No.: 47
Sample ID: D0993-15E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 9/14/2005 7:12:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-15E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	15724.4	4.7155	mg/L	0.00414	4.7155	mg/L	0.00414	0.09%

Sequence No.: 48
Sample ID: D0993-17E,19927

Autosampler Location: 71
Date Collected: 9/14/2005 7:14:24 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-17E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	34499.1	10.346	mg/L	0.0470	10.346	mg/L	0.0470	0.45%

Sequence No.: 49
Sample ID: D0993-18E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 9/14/2005 7:16:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-18E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	80385.9	24.106	mg/L	0.3112	24.106	mg/L	0.3112	1.29%

Sequence No.: 50
Sample ID: D0993-19E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 73
Date Collected: 9/14/2005 7:19:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-19E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	25816.8	7.7420	mg/L	0.08023	7.7420	mg/L	0.08023	1.04%

Sequence No.: 51
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 7:21:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	144.4	0.0433	mg/L	0.01293	0.0433	mg/L	0.01293	29.85%

Sequence No.: 52
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 7:23:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	224.6	0.0674	mg/L	0.03003	0.0674	mg/L	0.03003	44.59%

Sequence No.: 53
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 7:26:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	82953.1	24.876	mg/L	0.0187	24.876	mg/L	0.0187	0.08%

Sequence No.: 54
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 7:28:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-144.7	-0.0434	mg/L	0.00128	-0.0434	mg/L	0.00128	2.96%

Sequence No.: 55
Sample ID: D0993-20E,19927
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 74
Date Collected: 9/14/2005 7:30:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0993-20E,19927

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	20365.5	6.1072	mg/L	0.14431	6.1072	mg/L	0.14431	2.36%

Sequence No.: 56
Sample ID: MB-19953,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 9/14/2005 7:33:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-305.4	-0.0916	mg/L	0.05222	-0.0916	mg/L	0.05222	57.01%

Sequence No.: 57
Sample ID: LCS-19953,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 76
Date Collected: 9/14/2005 7:35:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	83286.5	24.976	mg/L	0.1230	24.976	mg/L	0.1230	0.49%

Sequence No.: 58
Sample ID: D1004-01D,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 77
Date Collected: 9/14/2005 7:37:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01D,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-322.8	-0.0968	mg/L	0.03567	-0.0968	mg/L	0.03567	36.85%

Sequence No.: 59

Autosampler Location: 78

Sample ID: D1004-01DDUP,19953
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 9/14/2005 7:40:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01DDUP,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-295.1	-0.0885	mg/L	0.00285	-0.0885	mg/L	0.00285	3.22%

Sequence No.: 60
Sample ID: D1004-01DSD,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 79
Date Collected: 9/14/2005 7:42:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01DSD,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-262.6	-0.0787	mg/L	0.00503	-0.0787	mg/L	0.00503	6.39%

Sequence No.: 61
Sample ID: MB-19935,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 80
Date Collected: 9/14/2005 7:45:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19935,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-389.4	-0.1168	mg/L	0.02388	-0.1168	mg/L	0.02388	20.45%

Sequence No.: 62
Sample ID: D1045-02C,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 81
Date Collected: 9/14/2005 7:47:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-02C,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	17294.7	5.1864	mg/L	0.09721	5.1864	mg/L	0.09721	1.87%

Sequence No.: 63
Sample ID: D1045-04F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 82
Date Collected: 9/14/2005 7:49:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-04F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	21859.2	6.5552	mg/L	0.11114	6.5552	mg/L	0.11114	1.70%

Sequence No.: 64
Sample ID: D1045-05F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 83
Date Collected: 9/14/2005 7:52:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-05F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	22097.8	6.6267	mg/L	0.04044	6.6267	mg/L	0.04044	0.61%

Sequence No.: 65
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 7:54:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	82413.2	24.714	mg/L	0.2098	24.714	mg/L	0.2098	0.85%

Sequence No.: 66
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 7:56:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-198.0	-0.0594	mg/L	0.00281	-0.0594	mg/L	0.00281	4.73%

Sequence No.: 67
Sample ID: D1045-06F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 9/14/2005 7:59:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-06F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	7554.3	2.2654	mg/L	0.02573	2.2654	mg/L	0.02573	1.14%

Sequence No.: 68
Sample ID: D1045-07F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 9/14/2005 8:01:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-07F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	166014.9	49.785	mg/L	0.5300	49.785	mg/L	0.5300	1.06%

Sequence No.: 69
Sample ID: D1045-08F19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 9/14/2005 8:03:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-08F19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	41895.5	12.564	mg/L	0.0168	12.564	mg/L	0.0168	0.13%

Sequence No.: 70
Sample ID: D1045-09F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 87
Date Collected: 9/14/2005 8:06:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-09F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	10683.2	3.2037	mg/L	0.08880	3.2037	mg/L	0.08880	2.77%

Sequence No.: 71
Sample ID: D1045-11H,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 88
Date Collected: 9/14/2005 8:08:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-11H,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	7556.3	2.2660	mg/L	0.02755	2.2660	mg/L	0.02755	1.22%

Sequence No.: 72
Sample ID: D1045-11HSD,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 89
Date Collected: 9/14/2005 8:10:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-11HSD,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	1359.6	0.4077	mg/L	0.00553	0.4077	mg/L	0.00553	1.36%

Sequence No.: 73
Sample ID: MB-19952,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 90
Date Collected: 9/14/2005 8:13:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19952,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	-128.5	-0.0385	mg/L	0.00193	-0.0385	mg/L	0.00193	5.02%

Sequence No.: 74
Sample ID: LCS-19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 91
Date Collected: 9/14/2005 8:15:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
K 766.490	73557.3	22.058	mg/L	0.1215	22.058	mg/L	0.1215	0.55%

Sequence No.: 75
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 8:17:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	1254.8	0.3763	mg/L	0.01785	0.3763	mg/L	0.01785	4.74%

Sequence No.: 76
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 8:20:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	572.3	0.1716	mg/L	0.01065	0.1716	mg/L	0.01065	6.21%

Sequence No.: 77
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 8:22:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	83176.9	24.943	mg/L	0.0494	24.943	mg/L	0.0494	0.20%

Sequence No.: 78
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 8:25:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	19.2	0.0058	mg/L	0.02937	0.0058	mg/L	0.02937	510.26%

Sequence No.: 79
Sample ID: D0996-01E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 92
Date Collected: 9/14/2005 8:27:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-01E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	57424.3	17.220	mg/L	0.2376	17.220	mg/L	0.2376	1.38%

Sequence No.: 80
Sample ID: D0996-02E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 93
Date Collected: 9/14/2005 8:29:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-02E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	29283.4	8.7815	mg/L	0.03717	8.7815	mg/L	0.03717	0.42%

Sequence No.: 81
Sample ID: D0996-03E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 94
Date Collected: 9/14/2005 8:32:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-03E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	21372.0	6.4091	mg/L	0.09185	6.4091	mg/L	0.09185	1.43%

Sequence No.: 82
Sample ID: D0996-04E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 95
Date Collected: 9/14/2005 8:34:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-04E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	17084.6	5.1233	mg/L	0.00140	5.1233	mg/L	0.00140	0.03%

Sequence No.: 83
Sample ID: D0996-05E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 96
Date Collected: 9/14/2005 8:36:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-05E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	42028.0	12.603	mg/L	0.1782	12.603	mg/L	0.1782	1.41%

Sequence No.: 84
Sample ID: D0996-05EDUP,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 97
Date Collected: 9/14/2005 8:39:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-05EDUP,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	46281.0	13.879	mg/L	0.2060	13.879	mg/L	0.2060	1.48%

Sequence No.: 85
Sample ID: D0996-05ESD,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 9/14/2005 8:41:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-05ESD,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
K 766.490	8475.5	2.5416	mg/L	0.01453	2.5416	mg/L	0.01453	0.57%

Sequence No.: 86
Sample ID: D0996-07E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 9/14/2005 8:43:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-07E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	26951.7	8.0823	mg/L	0.02419	8.0823	mg/L	0.02419	0.30%

Sequence No.: 87
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 8:46:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	83240.5	24.962	mg/L	0.1839	24.962	mg/L	0.1839	0.74%

Sequence No.: 88
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 8:48:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-341.0	-0.1023	mg/L	0.01435	-0.1023	mg/L	0.01435	14.03%

Sequence No.: 89
Sample ID: D0996-08E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 102
Date Collected: 9/14/2005 8:51:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-08E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	23463.0	7.0361	mg/L	0.06553	7.0361	mg/L	0.06553	0.93%

Sequence No.: 90
Sample ID: D0996-09E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 103
Date Collected: 9/14/2005 8:53:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-09E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	31522.5	9.4530	mg/L	0.06287	9.4530	mg/L	0.06287	0.67%

Sequence No.: 91
Sample ID: D0996-10E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 104
Date Collected: 9/14/2005 8:55:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-10E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	31849.5	9.5511	mg/L	0.04667	9.5511	mg/L	0.04667	0.49%

Sequence No.: 92
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/14/2005 8:58:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	244.1	0.0732	mg/L	0.08097	0.0732	mg/L	0.08097	110.64%

Sequence No.: 93
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/14/2005 9:00:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	309.2	0.0927	mg/L	0.00296	0.0927	mg/L	0.00296	3.19%

Sequence No.: 94
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/14/2005 9:02:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	82107.4	24.622	mg/L	0.1875	24.622	mg/L	0.1875	0.76%

Sequence No.: 95
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/14/2005 9:05:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	5.0	0.0015	mg/L	0.00233	0.0015	mg/L	0.00233	155.43%

Analysis Begun

Start Time: 9/15/2005 9:22:42 AM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/15/2005 8:12:31 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\CLP.sif
Batch ID:
Results Data Set: B05091501
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: CLP
IEC File: B05033102X.iec
Method Last Saved: 9/13/2005 8:34:07 AM
MSF File:
Method Description: working method for all elements

Sequence No.: 1
Sample ID: S0
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 9/15/2005 9:22:43 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	8563.1	123.58	1.44%	[0.00]	mg/L
As 188.979	8.0	0.81	10.12%	[0.00]	mg/L
Cr 267.716	65.0	0.15	0.22%	[0.00]	mg/L
Cu 324.752	2262.5	24.37	1.08%	[0.00]	mg/L
Fe 273.955	337.4	17.19	5.10%	[0.00]	mg/L
Mg 279.077	1481.1	33.00	2.23%	[0.00]	mg/L
Mn 257.610	425.5	20.77	4.88%	[0.00]	mg/L
Ni 231.604	-6.4	3.22	50.18%	[0.00]	mg/L
Tl 190.801	-8.2	1.84	22.60%	[0.00]	mg/L
V 292.402	141.2	14.22	10.07%	[0.00]	mg/L
Ti 334.940	-201.3	65.18	32.38%	[0.00]	mg/L
Ca 227.546	14.9	5.56	37.40%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 9/15/2005 9:25:48 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	754520.5	1135.78	0.15%	[20]	mg/L
As 188.979	2641.7	31.97	1.21%	[1]	mg/L
Cr 267.716	130798.7	476.29	0.36%	[2]	mg/L
Cu 324.752	604176.7	1759.21	0.29%	[2.5]	mg/L
Fe 273.955	556445.7	759.13	0.14%	[10]	mg/L
Mg 279.077	1841608.4	2513.95	0.14%	[50]	mg/L
Mn 257.610	3497828.3	3107.96	0.09%	[5]	mg/L
Ni 231.604	159707.1	225.77	0.14%	[5]	mg/L
Tl 190.801	2286.0	48.98	2.14%	[1]	mg/L
V 292.402	600254.7	1436.01	0.24%	[5]	mg/L
Ti 334.940	696412.0	1646.01	0.24%	[1]	mg/L
Ca 227.546	19314.9	44.43	0.23%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
							00497

Al 308.215	1	Lin Thru 0	0.0	37730	0.00000	1.000000
As 188.979	1	Lin Thru 0	0.0	2642	0.00000	1.000000
Cr 267.716	1	Lin Thru 0	0.0	65400	0.00000	1.000000
Cu 324.752	1	Lin Thru 0	0.0	241700	0.00000	1.000000
Fe 273.955	1	Lin Thru 0	0.0	55640	0.00000	1.000000
Mg 279.077	1	Lin Thru 0	0.0	36830	0.00000	1.000000
Mn 257.610	1	Lin Thru 0	0.0	699600	0.00000	1.000000
Ni 231.604	1	Lin Thru 0	0.0	31940	0.00000	1.000000
Tl 190.801	1	Lin Thru 0	0.0	2286	0.00000	1.000000
V 292.402	1	Lin Thru 0	0.0	120100	0.00000	1.000000
Ti 334.940	1	Lin Thru 0	0.0	696400	0.00000	1.000000
Ca 227.546	1	Lin Thru 0	0.0	386.3	0.00000	1.000000

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 9/15/2005 9:28:23 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	574801.4	15.329	mg/L	0.0307	15.329	mg/L	0.0307	0.20%
As 188.979	2021.8	0.7643	mg/L	0.01084	0.7643	mg/L	0.01084	1.42%
Cr 267.716	100695.9	1.5401	mg/L	0.00213	1.5401	mg/L	0.00213	0.14%
Cu 324.752	462600.6	1.9152	mg/L	0.00712	1.9152	mg/L	0.00712	0.37%
Fe 273.955	433581.2	7.6741	mg/L	0.01768	7.6741	mg/L	0.01768	0.23%
Mg 279.077	1409887.3	38.286	mg/L	0.0576	38.286	mg/L	0.0576	0.15%
Mn 257.610	2690871.5	3.8457	mg/L	0.00473	3.8457	mg/L	0.00473	0.12%
Ni 231.604	122311.4	3.8293	mg/L	0.00042	3.8293	mg/L	0.00042	0.01%
Tl 190.801	1723.9	0.7513	mg/L	0.00115	0.7513	mg/L	0.00115	0.15%
V 292.402	462081.9	3.8532	mg/L	0.00215	3.8532	mg/L	0.00215	0.06%
Ti 334.940	804.1	0.0018	mg/L	0.00030	0.0018	mg/L	0.00030	16.90%
Ca 227.546	14950.6	38.041	mg/L	0.3235	38.041	mg/L	0.3235	0.85%

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/15/2005 9:30:57 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	-221.9	-0.0059	mg/L	0.00029	-0.0059	mg/L	0.00029	4.87%
As 188.979	0.7	0.0003	mg/L	0.00061	0.0003	mg/L	0.00061	215.74%
Cr 267.716	-10.0	-0.0002	mg/L	0.00014	-0.0002	mg/L	0.00014	89.25%
Cu 324.752	83.2	0.0003	mg/L	0.00000	0.0003	mg/L	0.00000	0.88%
Fe 273.955	177.7	0.0032	mg/L	0.00021	0.0032	mg/L	0.00021	6.56%
Mg 279.077	-72.7	-0.0020	mg/L	0.00322	-0.0020	mg/L	0.00322	163.07%
Mn 257.610	-94.9	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	20.90%
Ni 231.604	2.5	0.0001	mg/L	0.00018	0.0001	mg/L	0.00018	232.05%
Tl 190.801	9.6	0.0042	mg/L	0.00162	0.0042	mg/L	0.00162	38.78%
V 292.402	47.8	0.0004	mg/L	0.00020	0.0004	mg/L	0.00020	49.70%
Ti 334.940	56.7	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	53.25%
Ca 227.546	4.5	0.0115	mg/L	0.03498	0.0115	mg/L	0.03498	303.08%

Sequence No.: 5
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 9/15/2005 9:34:03 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Al 308.215	20291.1	0.5392	mg/L	0.00436	0.5392	mg/L	0.00436	0.81%
As 188.979	23.5	0.0088	mg/L	0.00089	0.0088	mg/L	0.00089	10.04%
Cr 267.716	730.2	0.0112	mg/L	0.00005	0.0112	mg/L	0.00005	0.43%
Cu 324.752	7431.8	0.0308	mg/L	0.00002	0.0308	mg/L	0.00002	0.08%
Fe 273.955	6747.6	0.1196	mg/L	0.00031	0.1196	mg/L	0.00031	0.26%
Mg 279.077	205787.2	5.5871	mg/L	0.02473	5.5871	mg/L	0.02473	0.44%
Mn 257.610	14422.2	0.0205	mg/L	0.00022	0.0205	mg/L	0.00022	1.08%
Ni 231.604	1462.5	0.0458	mg/L	0.00007	0.0458	mg/L	0.00007	0.14%
Tl 190.801	65.1	0.0284	mg/L	0.00091	0.0284	mg/L	0.00091	3.19%
V 292.402	6659.5	0.0555	mg/L	0.00008	0.0555	mg/L	0.00008	0.14%
Ti 334.940	128.5	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	23.20%
Ca 227.546	2056.7	5.3137	mg/L	0.02262	5.3137	mg/L	0.02262	0.43%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/15/2005 9:37:08 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	16677290.7	442.06	mg/L	0.889	442.06	mg/L	0.889	0.20%
As 188.979	-2.7	0.0005	mg/L	0.00167	0.0005	mg/L	0.00167	345.40%
Cr 267.716	-27.5	-0.0006	mg/L	0.00003	-0.0006	mg/L	0.00003	5.33%
Cu 324.752	-4832.0	-0.0131	mg/L	0.00033	-0.0131	mg/L	0.00033	2.49%
Fe 273.955	9517332.1	171.04	mg/L	0.186	171.04	mg/L	0.186	0.11%
Mg 279.077	16188079.3	439.39	mg/L	0.342	439.39	mg/L	0.342	0.08%
Mn 257.610	4308.7	-0.0043	mg/L	0.00012	-0.0043	mg/L	0.00012	2.71%
Saturated outside survey window (code 6)								
Ni 231.604	112.9	0.0133	mg/L	0.00014	0.0133	mg/L	0.00014	1.03%
Tl 190.801	-21.8	0.0171	mg/L	0.00143	0.0171	mg/L	0.00143	8.37%
V 292.402	782.1	0.0065	mg/L	0.00022	0.0065	mg/L	0.00022	3.35%
Ti 334.940	-6879.8	0.0035	mg/L	0.00006	0.0035	mg/L	0.00006	1.76%
Ca 227.546	183289.4	469.72	mg/L	1.628	469.72	mg/L	1.628	0.35%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/15/2005 9:40:27 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	16462631.1	436.38	mg/L	0.580	436.38	mg/L	0.580	0.13%
As 188.979	239.1	0.0918	mg/L	0.00004	0.0918	mg/L	0.00004	0.04%
Cr 267.716	29206.8	0.4465	mg/L	0.01116	0.4465	mg/L	0.01116	2.50%
Cu 324.752	111273.8	0.4674	mg/L	0.01279	0.4674	mg/L	0.01279	2.74%
Fe 273.955	9415712.5	169.20	mg/L	0.284	169.20	mg/L	0.284	0.17%
Mg 279.077	15970990.0	433.50	mg/L	0.828	433.50	mg/L	0.828	0.19%
Mn 257.610	320152.2	0.4473	mg/L	0.01007	0.4473	mg/L	0.01007	2.25%
Ni 231.604	26778.4	0.8479	mg/L	0.01950	0.8479	mg/L	0.01950	2.30%
Tl 190.801	163.5	0.0972	mg/L	0.00564	0.0972	mg/L	0.00564	5.80%
V 292.402	55317.2	0.4619	mg/L	0.00834	0.4619	mg/L	0.00834	1.81%
Ti 334.940	-6792.5	0.0035	mg/L	0.00018	0.0035	mg/L	0.00018	5.22%
Ca 227.546	183398.2	469.98	mg/L	7.561	469.98	mg/L	7.561	1.61%

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/15/2005 9:43:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Al 308.215	388460.3	10.359	mg/L	0.0417	10.359	mg/L	0.0417	0.40%
As 188.979	1353.6	0.5117	mg/L	0.00068	0.5117	mg/L	0.00068	0.13%
Cr 267.716	68057.3	1.0409	mg/L	0.00335	1.0409	mg/L	0.00335	0.32%
Cu 324.752	309222.5	1.2802	mg/L	0.00463	1.2802	mg/L	0.00463	0.36%
Fe 273.955	293771.8	5.2004	mg/L	0.01305	5.2004	mg/L	0.01305	0.25%
Mg 279.077	952579.1	25.868	mg/L	0.0990	25.868	mg/L	0.0990	0.38%
Mn 257.610	1815648.8	2.5948	mg/L	0.01463	2.5948	mg/L	0.01463	0.56%
Ni 231.604	82920.1	2.5960	mg/L	0.00806	2.5960	mg/L	0.00806	0.31%
Tl 190.801	1174.3	0.5119	mg/L	0.00212	0.5119	mg/L	0.00212	0.41%
V 292.402	309750.9	2.5829	mg/L	0.01154	2.5829	mg/L	0.01154	0.45%
Ti 334.940	324.7	0.0009	mg/L	0.00010	0.0009	mg/L	0.00010	10.70%
Ca 227.546	10057.3	25.589	mg/L	0.0125	25.589	mg/L	0.0125	0.05%

Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/15/2005 9:46:51 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Al 308.215	223.2	0.0059	mg/L	0.01155	0.0059	mg/L	0.01155	195.18%
As 188.979	-1.1	-0.0004	mg/L	0.00034	-0.0004	mg/L	0.00034	81.27%
Cr 267.716	-0.8	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	370.96%
Cu 324.752	-37.3	-0.0002	mg/L	0.00025	-0.0002	mg/L	0.00025	162.86%
Fe 273.955	283.5	0.0051	mg/L	0.00112	0.0051	mg/L	0.00112	22.08%
Mg 279.077	527.3	0.0143	mg/L	0.02233	0.0143	mg/L	0.02233	156.05%
Mn 257.610	-133.9	-0.0002	mg/L	0.00001	-0.0002	mg/L	0.00001	3.74%
Ni 231.604	7.0	0.0002	mg/L	0.00040	0.0002	mg/L	0.00040	182.53%
Tl 190.801	4.6	0.0020	mg/L	0.00186	0.0020	mg/L	0.00186	92.39%
V 292.402	-6.4	-0.0001	mg/L	0.00000	-0.0001	mg/L	0.00000	2.09%
Ti 334.940	-15.3	0.0000	mg/L	0.00014	0.0000	mg/L	0.00014	652.54%
Ca 227.546	13.4	0.0346	mg/L	0.01309	0.0346	mg/L	0.01309	37.87%

Analysis Begun

Start Time: 9/15/2005 9:56:06 AM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/15/2005 8:12:31 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\NA993-CLP.sif
Batch ID:
Results Data Set: B05091501
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: MB-19953,19953
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 75
Date Collected: 9/15/2005 9:56:06 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	230.3	0.0061	mg/L	0.00216	0.0061	mg/L	0.00216	35.34%
As 188.979	-2.4	-0.0009	mg/L	0.00141	-0.0009	mg/L	0.00141	153.51%
Cr 267.716	12.9	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	13.94%
Cu 324.752	179.1	0.0007	mg/L	0.00042	0.0007	mg/L	0.00042	56.17%
Fe 273.955	3264.5	0.0587	mg/L	0.00115	0.0587	mg/L	0.00115	1.96%
Mg 279.077	-135.3	-0.0037	mg/L	0.00147	-0.0037	mg/L	0.00147	39.56%
Mn 257.610	516.6	0.0007	mg/L	0.00006	0.0007	mg/L	0.00006	7.74%
Ni 231.604	3.5	0.0001	mg/L	0.00013	0.0001	mg/L	0.00013	117.40%
Tl 190.801	-1.0	-0.0004	mg/L	0.00095	-0.0004	mg/L	0.00095	233.12%
V 292.402	13.6	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	127.22%
Ti 334.940	101.6	0.0001	mg/L	0.00009	0.0001	mg/L	0.00009	62.31%
Ca 227.546	17.8	0.0446	mg/L	0.00659	0.0446	mg/L	0.00659	14.79%

Sequence No.: 2
Sample ID: LCS-19953,19953
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 76
Date Collected: 9/15/2005 9:59:16 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19953,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	381487.3	10.173	mg/L	0.0437	10.173	mg/L	0.0437	0.43%
As 188.979	1331.5	0.5033	mg/L	0.00023	0.5033	mg/L	0.00023	0.05%
Cr 267.716	66118.9	1.0113	mg/L	0.00287	1.0113	mg/L	0.00287	0.28%
Cu 324.752	307454.4	1.2729	mg/L	0.00337	1.2729	mg/L	0.00337	0.26%
Fe 273.955	292256.9	5.1748	mg/L	0.02737	5.1748	mg/L	0.02737	0.53%
Mg 279.077	944977.4	25.661	mg/L	0.1377	25.661	mg/L	0.1377	0.54%
Mn 257.610	1793198.8	2.5627	mg/L	0.00233	2.5627	mg/L	0.00233	0.09%
Ni 231.604	81947.0	2.5656	mg/L	0.00608	2.5656	mg/L	0.00608	0.24%
Tl 190.801	1155.7	0.5038	mg/L	0.00377	0.5038	mg/L	0.00377	0.75%
V 292.402	303614.1	2.5317	mg/L	0.01158	2.5317	mg/L	0.01158	0.46%
Ti 334.940	-40.9	0.0004	mg/L	0.00020	0.0004	mg/L	0.00020	56.27%
Ca 227.546	9863.1	25.092	mg/L	0.0527	25.092	mg/L	0.0527	0.21%

Sequence No.: 3
Sample ID: D1004-01D,19953
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 77
Date Collected: 9/15/2005 10:02:25 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01D,19953

Analyte	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Al 308.215	265.1	0.0070	mg/L	0.00069	0.0070	mg/L	0.00069	9.74%
As 188.979	-3.5	-0.0013	mg/L	0.00115	-0.0013	mg/L	0.00115	86.42%
Cr 267.716	24.8	0.0004	mg/L	0.00019	0.0004	mg/L	0.00019	50.83%
Cu 324.752	247.0	0.0010	mg/L	0.00026	0.0010	mg/L	0.00026	25.77%
Fe 273.955	3105.4	0.0558	mg/L	0.00243	0.0558	mg/L	0.00243	4.35%
Mg 279.077	495.1	0.0134	mg/L	0.00430	0.0134	mg/L	0.00430	32.07%
Mn 257.610	815.9	0.0012	mg/L	0.00029	0.0012	mg/L	0.00029	24.85%
Ni 231.604	13.8	0.0004	mg/L	0.00026	0.0004	mg/L	0.00026	59.60%
Tl 190.801	3.4	0.0015	mg/L	0.00144	0.0015	mg/L	0.00144	97.39%
V 292.402	70.4	0.0006	mg/L	0.00024	0.0006	mg/L	0.00024	40.50%
Ti 334.940	132.5	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	80.44%
Ca 227.546	95.4	0.2454	mg/L	0.03867	0.2454	mg/L	0.03867	15.76%

Sequence No.: 4
Sample ID: D1004-01DDUP,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 78
Date Collected: 9/15/2005 10:05:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01DDUP,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	290.2	0.0077	mg/L	0.00506	0.0077	mg/L	0.00506	65.84%
As 188.979	-2.6	-0.0010	mg/L	0.00138	-0.0010	mg/L	0.00138	142.57%
Cr 267.716	31.7	0.0005	mg/L	0.00010	0.0005	mg/L	0.00010	21.21%
Cu 324.752	208.4	0.0009	mg/L	0.00022	0.0009	mg/L	0.00022	24.54%
Fe 273.955	22461.9	0.4037	mg/L	0.00310	0.4037	mg/L	0.00310	0.77%
Mg 279.077	265.8	0.0069	mg/L	0.00667	0.0069	mg/L	0.00667	95.98%
Mn 257.610	1949.4	0.0028	mg/L	0.00002	0.0028	mg/L	0.00002	0.82%
Ni 231.604	10.1	0.0003	mg/L	0.00021	0.0003	mg/L	0.00021	61.92%
Tl 190.801	-0.1	0.0000	mg/L	0.00270	0.0000	mg/L	0.00270	>999.9%
V 292.402	-59.9	-0.0005	mg/L	0.00002	-0.0005	mg/L	0.00002	4.56%
Ti 334.940	43.8	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	93.72%
Ca 227.546	89.5	0.2208	mg/L	0.01379	0.2208	mg/L	0.01379	6.25%

Sequence No.: 5
Sample ID: D1004-01DMS,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 120
Date Collected: 9/15/2005 10:08:39 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01DMS,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	92857.3	2.4752	mg/L	0.03259	2.4752	mg/L	0.03259	1.32%
As 188.979	113.0	0.0427	mg/L	0.00213	0.0427	mg/L	0.00213	4.99%
Cr 267.716	15775.5	0.2413	mg/L	0.00458	0.2413	mg/L	0.00458	1.90%
Cu 324.752	74335.4	0.3077	mg/L	0.00298	0.3077	mg/L	0.00298	0.97%
Fe 273.955	71781.7	1.2725	mg/L	0.01639	1.2725	mg/L	0.01639	1.29%
Mg 279.077	-640.3	-0.0161	mg/L	0.00295	-0.0161	mg/L	0.00295	18.29%
Mn 257.610	446167.2	0.6378	mg/L	0.00451	0.6378	mg/L	0.00451	0.71%
Ni 231.604	20185.1	0.6320	mg/L	0.01585	0.6320	mg/L	0.01585	2.51%
Tl 190.801	133.4	0.0581	mg/L	0.00395	0.0581	mg/L	0.00395	6.80%
V 292.402	68673.8	0.5727	mg/L	0.01086	0.5727	mg/L	0.01086	1.90%
Ti 334.940	137.4	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	12.81%
Ca 227.546	174.4	0.3476	mg/L	0.03613	0.3476	mg/L	0.03613	10.39%

Sequence No.: 6
Sample ID: D1004-01DSD,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 79
Date Collected: 9/15/2005 10:11:50 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1004-01DSD,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	140.4	0.0037	mg/L	0.00145	0.0037	mg/L	0.00145	38.96%
As 188.979	-3.1	-0.0012	mg/L	0.00231	-0.0012	mg/L	0.00231	196.80%
Cr 267.716	1.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	80.15%
Cu 324.752	101.3	0.0004	mg/L	0.00004	0.0004	mg/L	0.00004	10.44%
Fe 273.955	701.8	0.0126	mg/L	0.00029	0.0126	mg/L	0.00029	2.27%
Mg 279.077	-103.6	-0.0028	mg/L	0.00231	-0.0028	mg/L	0.00231	81.82%
Mn 257.610	447.6	0.0006	mg/L	0.00004	0.0006	mg/L	0.00004	5.86%
Ni 231.604	3.3	0.0001	mg/L	0.00014	0.0001	mg/L	0.00014	129.45%
Tl 190.801	5.5	0.0024	mg/L	0.00135	0.0024	mg/L	0.00135	56.27%
V 292.402	-47.6	-0.0004	mg/L	0.00009	-0.0004	mg/L	0.00009	23.67%
Ti 334.940	46.1	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	55.05%
Ca 227.546	5.9	0.0150	mg/L	0.05205	0.0150	mg/L	0.05205	348.09%

Sequence No.: 7
Sample ID: MB-19935,19953
Analyst:
Initial Sample Wt: OK
Dilution: MB-19935, BW 9/15/05

Autosampler Location: 80
Date Collected: 9/15/2005 10:14:57 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19935,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	1052.6	0.0279	mg/L	0.00040	0.0279	mg/L	0.00040	1.45%
As 188.979	0.5	0.0002	mg/L	0.00103	0.0002	mg/L	0.00103	494.32%
Cr 267.716	8.3	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	43.90%
Cu 324.752	163.6	0.0007	mg/L	0.00028	0.0007	mg/L	0.00028	40.74%
Fe 273.955	1692.9	0.0304	mg/L	0.00127	0.0304	mg/L	0.00127	4.17%
Mg 279.077	102.4	0.0028	mg/L	0.00733	0.0028	mg/L	0.00733	265.26%
Mn 257.610	592.6	0.0008	mg/L	0.00000	0.0008	mg/L	0.00000	0.27%
Ni 231.604	11.1	0.0003	mg/L	0.00009	0.0003	mg/L	0.00009	25.32%
Tl 190.801	-1.4	-0.0006	mg/L	0.00064	-0.0006	mg/L	0.00064	103.79%
V 292.402	22.3	0.0002	mg/L	0.00045	0.0002	mg/L	0.00045	242.11%
Ti 334.940	622.4	0.0009	mg/L	0.00010	0.0009	mg/L	0.00010	10.84%
Ca 227.546	34.6	0.0888	mg/L	0.10802	0.0888	mg/L	0.10802	121.68%

Sequence No.: 8
Sample ID: D1045-02C,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 81
Date Collected: 9/15/2005 10:18:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-02C,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	2976.3	0.0789	mg/L	0.00015	0.0789	mg/L	0.00015	0.19%
As 188.979	2.2	0.0008	mg/L	0.00080	0.0008	mg/L	0.00080	101.88%
Cr 267.716	23.9	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	28.61%
Cu 324.752	2056.9	0.0091	mg/L	0.00001	0.0091	mg/L	0.00001	0.06%
Fe 273.955	559215.3	10.050	mg/L	0.0744	10.050	mg/L	0.0744	0.74%
Mg 279.077	809428.9	21.970	mg/L	0.1944	21.970	mg/L	0.1944	0.88%
Mn 257.610	171488.0	0.2446	mg/L	0.00033	0.2446	mg/L	0.00033	0.14%
Ni 231.604	28.2	0.0013	mg/L	0.00010	0.0013	mg/L	0.00010	7.43%
Tl 190.801	-6.6	-0.0011	mg/L	0.00068	-0.0011	mg/L	0.00068	59.66%
V 292.402	52.1	0.0004	mg/L	0.00014	0.0004	mg/L	0.00014	30.21%
Ti 334.940	-173.9	0.0015	mg/L	0.00001	0.0015	mg/L	0.00001	0.78%
Ca 227.546	23673.3	61.003	mg/L	0.1218	61.003	mg/L	0.1218	0.20%

User canceled analysis.

Analysis Begun

Start Time: 9/15/2005 10:21:26 AM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 9/15/2005 8:12:31 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\NA993-CLP.sif
Batch ID:
Results Data Set: B05091501
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: D1045-04F,19953
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 82
Date Collected: 9/15/2005 10:21:26 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-04F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Al 308.215	49.4	0.0013	mg/L	0.00570	0.0013	mg/L	0.00570	436.35%
As 188.979	6.6	0.0021	mg/L	0.00070	0.0021	mg/L	0.00070	33.56%
Cr 267.716	24.3	-0.0003	mg/L	0.00004	-0.0003	mg/L	0.00004	13.89%
Cu 324.752	199.4	0.0009	mg/L	0.00025	0.0009	mg/L	0.00025	27.94%
Fe 273.955	5103.7	0.0917	mg/L	0.00039	0.0917	mg/L	0.00039	0.42%
Mg 279.077	558132.3	15.158	mg/L	0.0733	15.158	mg/L	0.0733	0.48%
Mn 257.610	1042139.8	1.4893	mg/L	0.01003	1.4893	mg/L	0.01003	0.67%
Ni 231.604	110.0	0.0030	mg/L	0.00008	0.0030	mg/L	0.00008	2.65%
Tl 190.801	-4.2	0.0008	mg/L	0.00182	0.0008	mg/L	0.00182	228.44%
V 292.402	-21.3	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	26.68%
Ti 334.940	-1667.4	0.0007	mg/L	0.00001	0.0007	mg/L	0.00001	2.06%
Ca 227.546	42738.4	110.62	mg/L	0.826	110.62	mg/L	0.826	0.75%

Sequence No.: 2
Sample ID: D1045-05F,19953
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 83
Date Collected: 9/15/2005 10:24:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-05F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Al 308.215	584.1	0.0155	mg/L	0.00245	0.0155	mg/L	0.00245	15.83%
As 188.979	1.0	0.0000	mg/L	0.00049	0.0000	mg/L	0.00049	>999.9%
Cr 267.716	20.2	-0.0003	mg/L	0.00015	-0.0003	mg/L	0.00015	44.66%
Cu 324.752	136.9	0.0006	mg/L	0.00019	0.0006	mg/L	0.00019	29.50%
Fe 273.955	25115.8	0.4514	mg/L	0.00264	0.4514	mg/L	0.00264	0.58%
Mg 279.077	566681.2	15.390	mg/L	0.0185	15.390	mg/L	0.0185	0.12%
Mn 257.610	1074206.3	1.5352	mg/L	0.00621	1.5352	mg/L	0.00621	0.40%
Ni 231.604	133.8	0.0038	mg/L	0.00008	0.0038	mg/L	0.00008	2.22%
Tl 190.801	-5.8	0.0003	mg/L	0.00116	0.0003	mg/L	0.00116	439.60%
V 292.402	-20.7	-0.0001	mg/L	0.00009	-0.0001	mg/L	0.00009	104.68%
Ti 334.940	-1497.9	0.0010	mg/L	0.00004	0.0010	mg/L	0.00004	3.62%
Ca 227.546	43020.0	111.34	mg/L	0.071	111.34	mg/L	0.071	0.06%

Sequence No.: 3
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 9/15/2005 10:27:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Al 308.215	392022.5	10.454	mg/L	0.1450	10.454	mg/L	0.1450	1.39%
As 188.979	1359.6	0.5139	mg/L	0.00178	0.5139	mg/L	0.00178	0.35%
Cr 267.716	68651.7	1.0500	mg/L	0.01151	1.0500	mg/L	0.01151	1.10%
Cu 324.752	312403.9	1.2934	mg/L	0.02269	1.2934	mg/L	0.02269	1.75%
Fe 273.955	295269.0	5.2264	mg/L	0.06690	5.2264	mg/L	0.06690	1.28%
Mg 279.077	958746.1	26.035	mg/L	0.3308	26.035	mg/L	0.3308	1.27%
Mn 257.610	1829760.9	2.6150	mg/L	0.04590	2.6150	mg/L	0.04590	1.76%
Ni 231.604	83465.4	2.6131	mg/L	0.03106	2.6131	mg/L	0.03106	1.19%
Tl 190.801	1175.4	0.5123	mg/L	0.00643	0.5123	mg/L	0.00643	1.25%
V 292.402	313601.4	2.6150	mg/L	0.02804	2.6150	mg/L	0.02804	1.07%
Ti 334.940	278.8	0.0008	mg/L	0.00005	0.0008	mg/L	0.00005	5.50%
Ca 227.546	10152.5	25.832	mg/L	0.0271	25.832	mg/L	0.0271	0.11%

Sequence No.: 4
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 9/15/2005 10:30:50 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	-239.5	-0.0063	mg/L	0.00184	-0.0063	mg/L	0.00184	28.92%
As 188.979	0.4	0.0001	mg/L	0.00117	0.0001	mg/L	0.00117	798.77%
Cr 267.716	-0.2	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	>999.9%
Cu 324.752	92.6	0.0004	mg/L	0.00027	0.0004	mg/L	0.00027	69.86%
Fe 273.955	77.8	0.0014	mg/L	0.00075	0.0014	mg/L	0.00075	53.54%
Mg 279.077	-50.0	-0.0014	mg/L	0.00484	-0.0014	mg/L	0.00484	356.42%
Mn 257.610	-95.9	-0.0001	mg/L	0.00001	-0.0001	mg/L	0.00001	10.21%
Ni 231.604	7.2	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	2.97%
Tl 190.801	7.1	0.0031	mg/L	0.00030	0.0031	mg/L	0.00030	9.63%
V 292.402	-3.8	0.0000	mg/L	0.00060	0.0000	mg/L	0.00060	>999.9%
Ti 334.940	-13.4	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	193.95%
Ca 227.546	-10.0	-0.0258	mg/L	0.00062	-0.0258	mg/L	0.00062	2.41%

Sequence No.: 5
Sample ID: D1045-06F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 9/15/2005 10:33:56 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-06F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	342.9	0.0091	mg/L	0.00074	0.0091	mg/L	0.00074	8.09%
As 188.979	1.2	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	14.80%
Cr 267.716	24.1	0.0002	mg/L	0.00021	0.0002	mg/L	0.00021	117.23%
Cu 324.752	256.1	0.0011	mg/L	0.00024	0.0011	mg/L	0.00024	21.78%
Fe 273.955	1073.1	0.0193	mg/L	0.00035	0.0193	mg/L	0.00035	1.83%
Mg 279.077	220184.1	5.9781	mg/L	0.01610	5.9781	mg/L	0.01610	0.27%
Mn 257.610	19234.3	0.0274	mg/L	0.00005	0.0274	mg/L	0.00005	0.19%
Ni 231.604	37.5	0.0009	mg/L	0.00014	0.0009	mg/L	0.00014	15.23%
Tl 190.801	6.2	0.0020	mg/L	0.00064	0.0020	mg/L	0.00064	31.61%
V 292.402	14.4	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	3.68%
Ti 334.940	-1218.9	0.0006	mg/L	0.00002	0.0006	mg/L	0.00002	3.01%
Ca 227.546	32749.8	84.776	mg/L	0.0982	84.776	mg/L	0.0982	0.12%

Sequence No.: 6
Sample ID: D1045-07F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 9/15/2005 10:37:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-07F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	199.4	0.0053	mg/L	0.00345	0.0053	mg/L	0.00345	65.18%
As 188.979	-1.2	-0.0011	mg/L	0.00088	-0.0011	mg/L	0.00088	78.49%
Cr 267.716	5.0	-0.0004	mg/L	0.00024	-0.0004	mg/L	0.00024	61.96%
Cu 324.752	738.5	0.0032	mg/L	0.00029	0.0032	mg/L	0.00029	9.11%
Fe 273.955	758.0	0.0136	mg/L	0.00045	0.0136	mg/L	0.00045	3.29%
Mg 279.077	1177540.0	31.972	mg/L	0.0516	31.972	mg/L	0.0516	0.16%
Mn 257.610	398060.2	0.5683	mg/L	0.00023	0.5683	mg/L	0.00023	0.04%
Ni 231.604	317.7	0.0095	mg/L	0.00034	0.0095	mg/L	0.00034	3.61%
Tl 190.801	-1.4	-0.0003	mg/L	0.00596	-0.0003	mg/L	0.00596	>999.9%
V 292.402	63.3	0.0006	mg/L	0.00006	0.0006	mg/L	0.00006	10.91%
Ti 334.940	-2188.4	0.0010	mg/L	0.00002	0.0010	mg/L	0.00002	1.51%
Ca 227.546	57168.6	147.98	mg/L	0.162	147.98	mg/L	0.162	0.11%

Sequence No.: 7
Sample ID: D1045-08F19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 9/15/2005 10:40:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-08F19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	-3.1	-0.0001	mg/L	0.00063	-0.0001	mg/L	0.00063	781.44%
As 188.979	2.5	0.0002	mg/L	0.00169	0.0002	mg/L	0.00169	818.01%
Cr 267.716	-37.7	-0.0010	mg/L	0.00015	-0.0010	mg/L	0.00015	16.01%
Cu 324.752	244.6	0.0012	mg/L	0.00016	0.0012	mg/L	0.00016	13.14%
Fe 273.955	691.8	0.0124	mg/L	0.00039	0.0124	mg/L	0.00039	3.13%
Mg 279.077	2016035.0	54.738	mg/L	0.0218	54.738	mg/L	0.0218	0.04%
Mn 257.610	449407.9	0.6411	mg/L	0.00155	0.6411	mg/L	0.00155	0.24%
Ni 231.604	111.1	0.0031	mg/L	0.00002	0.0031	mg/L	0.00002	0.75%
Tl 190.801	-6.1	-0.0013	mg/L	0.00328	-0.0013	mg/L	0.00328	253.67%
V 292.402	10.5	0.0001	mg/L	0.00009	0.0001	mg/L	0.00009	73.61%
Ti 334.940	-1477.9	0.0006	mg/L	0.00011	0.0006	mg/L	0.00011	16.95%
Ca 227.546	38054.8	98.494	mg/L	0.1048	98.494	mg/L	0.1048	0.11%

Sequence No.: 8
Sample ID: D1045-09F,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 87
Date Collected: 9/15/2005 10:43:22 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-09F,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	778.7	0.0206	mg/L	0.00029	0.0206	mg/L	0.00029	1.39%
As 188.979	5.1	0.0013	mg/L	0.00083	0.0013	mg/L	0.00083	64.03%
Cr 267.716	-22.3	-0.0005	mg/L	0.00008	-0.0005	mg/L	0.00008	15.41%
Cu 324.752	222.7	0.0011	mg/L	0.00025	0.0011	mg/L	0.00025	22.82%
Fe 273.955	1633.3	0.0293	mg/L	0.00025	0.0293	mg/L	0.00025	0.84%
Mg 279.077	1711250.0	46.461	mg/L	0.2277	46.461	mg/L	0.2277	0.49%
Mn 257.610	25153.8	0.0349	mg/L	0.00036	0.0349	mg/L	0.00036	1.03%
Ni 231.604	73.6	0.0020	mg/L	0.00011	0.0020	mg/L	0.00011	5.51%
Tl 190.801	0.8	0.0003	mg/L	0.00078	0.0003	mg/L	0.00078	263.82%
V 292.402	13.0	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	36.27%
Ti 334.940	-1169.1	0.0007	mg/L	0.00011	0.0007	mg/L	0.00011	14.71%
Ca 227.546	32990.9	85.390	mg/L	0.1710	85.390	mg/L	0.1710	0.20%

Sequence No.: 9
Sample ID: D1045-11H,19953
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 88
Date Collected: 9/15/2005 10:46:30 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D1045-11H,19953

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	22634.6	0.6000	mg/L	0.00167	0.6000	mg/L	0.00167	0.28%
As 188.979	3.0	0.0009	mg/L	0.00012	0.0009	mg/L	0.00012	13.00%
Cr 267.716	89.7	0.0009	mg/L	0.00010	0.0009	mg/L	0.00010	10.97%
Cu 324.752	581.2	0.0025	mg/L	0.00000	0.0025	mg/L	0.00000	0.15%
Fe 273.955	99151.9	1.7818	mg/L	0.00311	1.7818	mg/L	0.00311	0.17%
Mg 279.077	237868.3	6.4603	mg/L	0.00010	6.4603	mg/L	0.00010	0.00%
Mn 257.610	697145.1	0.9964	mg/L	0.00004	0.9964	mg/L	0.00004	0.00%
Ni 231.604	99.4	0.0029	mg/L	0.00011	0.0029	mg/L	0.00011	3.94%
Tl 190.801	1.9	0.0026	mg/L	0.00005	0.0026	mg/L	0.00005	1.82%
V 292.402	125.7	0.0011	mg/L	0.00011	0.0011	mg/L	0.00011	10.01%
Ti 334.940	4275.0	0.0087	mg/L	0.00006	0.0087	mg/L	0.00006	0.69%
Ca 227.546	34570.3	89.436	mg/L	0.1028	89.436	mg/L	0.1028	0.11%

Sequence No.: 10
Sample ID: MB-19952,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 90
Date Collected: 9/15/2005 10:49:38 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-19952,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3317.7	0.0880	mg/L	0.00374	0.0880	mg/L	0.00374	4.25%
As 188.979	-4.6	-0.0017	mg/L	0.00077	-0.0017	mg/L	0.00077	44.06%
Cr 267.716	54.4	0.0008	mg/L	0.00024	0.0008	mg/L	0.00024	28.31%
Cu 324.752	402.0	0.0017	mg/L	0.00023	0.0017	mg/L	0.00023	14.09%
Fe 273.955	2785.7	0.0500	mg/L	0.00104	0.0500	mg/L	0.00104	2.09%
Mg 279.077	809.3	0.0219	mg/L	0.00194	0.0219	mg/L	0.00194	8.83%
Mn 257.610	1604.2	0.0023	mg/L	0.00001	0.0023	mg/L	0.00001	0.52%
Ni 231.604	27.2	0.0009	mg/L	0.00001	0.0009	mg/L	0.00001	1.27%
Tl 190.801	-5.6	-0.0025	mg/L	0.00007	-0.0025	mg/L	0.00007	3.01%
V 292.402	52.5	0.0004	mg/L	0.00015	0.0004	mg/L	0.00015	33.44%
Ti 334.940	607.3	0.0009	mg/L	0.00027	0.0009	mg/L	0.00027	30.74%
Ca 227.546	52.1	0.1335	mg/L	0.06935	0.1335	mg/L	0.06935	51.94%

Sequence No.: 11
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 9/15/2005 10:52:44 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	22247.4	0.5911	mg/L	0.00242	0.5911	mg/L	0.00242	0.41%
As 188.979	30.7	0.0116	mg/L	0.00060	0.0116	mg/L	0.00060	5.21%
Cr 267.716	740.6	0.0113	mg/L	0.00001	0.0113	mg/L	0.00001	0.09%
Cu 324.752	7616.0	0.0315	mg/L	0.00007	0.0315	mg/L	0.00007	0.21%
Fe 273.955	7188.7	0.1274	mg/L	0.00239	0.1274	mg/L	0.00239	1.88%
Mg 279.077	209972.0	5.7008	mg/L	0.00744	5.7008	mg/L	0.00744	0.13%
Mn 257.610	14644.4	0.0208	mg/L	0.00002	0.0208	mg/L	0.00002	0.11%
Ni 231.604	1511.8	0.0473	mg/L	0.00030	0.0473	mg/L	0.00030	0.63%
Tl 190.801	65.8	0.0287	mg/L	0.00049	0.0287	mg/L	0.00049	1.71%
V 292.402	6890.1	0.0574	mg/L	0.00010	0.0574	mg/L	0.00010	0.17%
Ti 334.940	132.0	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	20.85%
Ca 227.546	2102.6	5.4320	mg/L	0.02913	5.4320	mg/L	0.02913	0.54%

Sequence No.: 12
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 9/15/2005 10:55:49 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	16905358.4	448.11	mg/L	1.183	448.11	mg/L	1.183	0.26%
As 188.979	-0.1	0.0015	mg/L	0.00163	0.0015	mg/L	0.00163	111.94%
Cr 267.716	-16.0	-0.0004	mg/L	0.00001	-0.0004	mg/L	0.00001	3.14%
Cu 324.752	-4939.0	-0.0134	mg/L	0.00044	-0.0134	mg/L	0.00044	3.30%
Fe 273.955	9619114.5	172.87	mg/L	0.357	172.87	mg/L	0.357	0.21%
Mg 279.077	16325844.3	443.13	mg/L	1.076	443.13	mg/L	1.076	0.24%
Mn 257.610	4400.0	-0.0043	mg/L	0.00008	-0.0043	mg/L	0.00008	1.84%
Saturated outside survey window (code 6)								
Ni 231.604	113.7	0.0134	mg/L	0.00003	0.0134	mg/L	0.00003	0.21%
Tl 190.801	-29.4	0.0139	mg/L	0.00076	0.0139	mg/L	0.00076	5.47%
V 292.402	806.4	0.0067	mg/L	0.00049	0.0067	mg/L	0.00049	7.31%
Ti 334.940	-7063.4	0.0035	mg/L	0.00003	0.0035	mg/L	0.00003	0.80%
Ca 227.546	188237.8	482.48	mg/L	3.099	482.48	mg/L	3.099	0.64%

Sequence No.: 13
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 9/15/2005 10:59:09 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	16709611.6	442.93	mg/L	0.366	442.93	mg/L	0.366	0.08%
As 188.979	233.8	0.0899	mg/L	0.00023	0.0899	mg/L	0.00023	0.26%
Cr 267.716	29659.2	0.4534	mg/L	0.00203	0.4534	mg/L	0.00203	0.45%
Cu 324.752	111589.2	0.4688	mg/L	0.00436	0.4688	mg/L	0.00436	0.93%
Fe 273.955	9544996.6	171.52	mg/L	0.040	171.52	mg/L	0.040	0.02%
Mg 279.077	16169040.5	438.87	mg/L	0.004	438.87	mg/L	0.004	0.00%
Mn 257.610	316782.5	0.4424	mg/L	0.00623	0.4424	mg/L	0.00623	1.41%
Ni 231.604	27220.6	0.8619	mg/L	0.00147	0.8619	mg/L	0.00147	0.17%
Tl 190.801	166.1	0.0987	mg/L	0.00188	0.0987	mg/L	0.00188	1.91%
V 292.402	56109.4	0.4686	mg/L	0.00091	0.4686	mg/L	0.00091	0.20%
Ti 334.940	-6995.5	0.0033	mg/L	0.00014	0.0033	mg/L	0.00014	4.27%
Ca 227.546	185084.8	474.29	mg/L	0.594	474.29	mg/L	0.594	0.13%

Sequence No.: 14
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 9/15/2005 11:02:24 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	393554.2	10.496	mg/L	0.0996	10.496	mg/L	0.0996	0.95%
As 188.979	1358.8	0.5136	mg/L	0.00385	0.5136	mg/L	0.00385	0.75%
Cr 267.716	69125.4	1.0573	mg/L	0.00853	1.0573	mg/L	0.00853	0.81%
Cu 324.752	311313.3	1.2889	mg/L	0.01955	1.2889	mg/L	0.01955	1.52%
Fe 273.955	298289.2	5.2798	mg/L	0.05726	5.2798	mg/L	0.05726	1.08%
Mg 279.077	963734.0	26.171	mg/L	0.2616	26.171	mg/L	0.2616	1.00%
Mn 257.610	1804975.2	2.5796	mg/L	0.03145	2.5796	mg/L	0.03145	1.22%
Ni 231.604	84577.2	2.6479	mg/L	0.01354	2.6479	mg/L	0.01354	0.51%
Tl 190.801	1156.6	0.5039	mg/L	0.00335	0.5039	mg/L	0.00335	0.67%
V 292.402	316932.4	2.6428	mg/L	0.01145	2.6428	mg/L	0.01145	0.43%
Ti 334.940	345.2	0.0009	mg/L	0.00014	0.0009	mg/L	0.00014	15.65%
Ca 227.546	10143.8	25.804	mg/L	0.1561	25.804	mg/L	0.1561	0.60%

Sequence No.: 15
Sample ID: CCB
Analyst:
Initial Sample Wt:

Autosampler Location: 4
Date Collected: 9/15/2005 11:05:33 AM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	-120.6	-0.0032	mg/L	0.00103	-0.0032	mg/L	0.00103	32.18%
As 188.979	-1.7	-0.0006	mg/L	0.00135	-0.0006	mg/L	0.00135	208.12%
Cr 267.716	-2.4	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	165.60%
Cu 324.752	70.5	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	6.88%
Fe 273.955	310.8	0.0056	mg/L	0.00275	0.0056	mg/L	0.00275	49.22%
Mg 279.077	-109.0	-0.0030	mg/L	0.00063	-0.0030	mg/L	0.00063	21.24%
Mn 257.610	-130.8	-0.0002	mg/L	0.00004	-0.0002	mg/L	0.00004	23.37%
Ni 231.604	0.6	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	383.13%
Tl 190.801	7.0	0.0030	mg/L	0.00107	0.0030	mg/L	0.00107	35.15%
V 292.402	4.7	0.0000	mg/L	0.00025	0.0000	mg/L	0.00025	633.88%
Ti 334.940	-50.1	-0.0001	mg/L	0.00009	-0.0001	mg/L	0.00009	128.76%
Ca 227.546	8.8	0.0226	mg/L	0.02469	0.0226	mg/L	0.02469	109.43%

Sequence No.: 16
Sample ID: LCS-19952,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 91
Date Collected: 9/15/2005 11:08:40 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-19952,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	2906629.8	77.074	mg/L	0.0125	77.074	mg/L	0.0125	0.02%
As 188.979	2548.9	0.9678	mg/L	0.01625	0.9678	mg/L	0.01625	1.68%
Cr 267.716	46237.9	0.7063	mg/L	0.00040	0.7063	mg/L	0.00040	0.06%
Cu 324.752	217523.4	0.9050	mg/L	0.00070	0.9050	mg/L	0.00070	0.08%
Fe 273.955	6100209.0	109.59	mg/L	0.001	109.59	mg/L	0.001	0.00%
Mg 279.077	1045425.5	28.324	mg/L	0.0146	28.324	mg/L	0.0146	0.05%
Mn 257.610	3402263.5	4.8611	mg/L	0.01015	4.8611	mg/L	0.01015	0.21%
Ni 231.604	18081.0	0.5718	mg/L	0.00898	0.5718	mg/L	0.00898	1.57%
Tl 190.801	4203.2	1.8598	mg/L	0.01821	1.8598	mg/L	0.01821	0.98%
V 292.402	143097.6	1.1924	mg/L	0.00667	1.1924	mg/L	0.00667	0.56%
Ti 334.940	1821963.6	2.6171	mg/L	0.00325	2.6171	mg/L	0.00325	0.12%
Ca 227.546	15373.8	36.672	mg/L	0.3597	36.672	mg/L	0.3597	0.98%

Sequence No.: 17
Sample ID: D0996-01E,19952
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 92
Date Collected: 9/15/2005 11:11:16 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: D0996-01E,19952

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	4905725.0	130.04	mg/L	0.591	130.04	mg/L	0.591	0.45%
As 188.979	30.0	0.0135	mg/L	0.00218	0.0135	mg/L	0.00218	16.17%
Cr 267.716	5031.3	0.0765	mg/L	0.00024	0.0765	mg/L	0.00024	0.31%
Cu 324.752	24299.9	0.1030	mg/L	0.00044	0.1030	mg/L	0.00044	0.43%
Fe 273.955	3976653.0	71.459	mg/L	0.3923	71.459	mg/L	0.3923	0.55%
Mg 279.077	1005723.4	27.262	mg/L	0.1327	27.262	mg/L	0.1327	0.49%
Mn 257.610	1245388.9	1.7782	mg/L	0.00223	1.7782	mg/L	0.00223	0.13%
Ni 231.604	2084.2	0.0689	mg/L	0.00045	0.0689	mg/L	0.00045	0.65%
Tl 190.801	-0.3	0.0115	mg/L	0.00108	0.0115	mg/L	0.00108	9.39%
V 292.402	25278.5	0.2092	mg/L	0.00047	0.2092	mg/L	0.00047	0.22%
Ti 334.940	1761999.3	2.5317	mg/L	0.01554	2.5317	mg/L	0.01554	0.61%
Ca 227.546	22137.3	55.321	mg/L	0.2068	55.321	mg/L	0.2068	0.37%

Sequence No.: 18
Sample ID: D0996-02E,19952
Analyst:

Autosampler Location: 93
Date Collected: 9/15/2005 11:14:30 AM
Data Type: Original

Element: Hg Seq. No.: 32 AS Loc.: 7 Date: 09/14/2005
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.25	0.25	0.0047	0.0279	0.0047	09:48:52	Yes
2	0.03	0.03	0.0006	0.0011	0.0005	09:49:21	Yes
Mean:	0.14	0.14	0.0026				
SD :	0.158	0.158	0.0029				
%RSD:	111.2	111.2	111.1974				

QC failed, value less than lower limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 09/14/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

Method Name: Mercury-ILM ILM5.3_Aq. D1003 FIMS1_050914A
Method Description: Mercury D0993
Element: Hg D0996
Date: 09/14/2005 D1004
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: QW.SIF Results Data Set Name: H0509142

OK. QW 9/14/05

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 09/14/2005
Sample ID: S0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0000	0.0000	0.0000	09:56:19	Yes
2			0.0000	0.0000	0.0000	09:56:49	Yes
Mean:			0.0000				
SD :			0.0000				
%RSD:			12.9346				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 09/14/2005
Sample ID: S0.2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0037	0.0216	0.0037	09:57:40	Yes
2			0.0038	0.0222	0.0038	09:58:09	Yes
Mean:			0.0037				
SD :			0.0001				
%RSD:			1.5939				

[Hg] Standard number 1 applied. [0.20]
Correlation Coefficient: 1.00000 Slope: 0.01867

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 09/14/2005
Sample ID: S1.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0158	0.0980	0.0159	09:59:00	Yes
2			0.0165	0.0999	0.0166	09:59:29	Yes
Mean:			0.0162				

00510

SD : 0.0005
%RSD: 3.0903
[Hg] Standard number 2 applied. [1.00]
Correlation Coefficient: 0.99860 Slope: 0.01629

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 09/14/2005
Sample ID: S2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0339	0.1999	0.0339	10:00:20	Yes
2			0.0344	0.2035	0.0344	10:00:49	Yes
Mean:			0.0342				
SD :			0.0003				
%RSD:			0.9628				

[Hg] Standard number 3 applied. [2.00]
Correlation Coefficient: 0.99918 Slope: 0.01692

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 09/14/2005
Sample ID: S5.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0792	0.4694	0.0792	10:01:40	Yes
2			0.0788	0.4671	0.0789	10:02:09	Yes
Mean:			0.0790				
SD :			0.0002				
%RSD:			0.3022				

[Hg] Standard number 4 applied. [5.00]
Correlation Coefficient: 0.99913 Slope: 0.01600

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 09/14/2005
Sample ID: S10.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1519	0.8957	0.1519	10:03:01	Yes
2			0.1509	0.8843	0.1509	10:03:30	Yes
Mean:			0.1514				
SD :			0.0007				
%RSD:			0.4531				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99925 Slope: 0.01535

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
S0	0.0000	--	----	----	----
S0.2	0.0037	0.20	0.24	0.000	1.6
S1.0	0.0162	1.00	1.05	0.001	3.1
S2.0	0.0342	2.00	2.23	0.000	1.0
S5.0	0.0790	5.00	5.15	0.000	0.3
S10.0	0.1514	10.00	9.86	0.001	0.5
Correlation Coefficient: 0.99925		Slope:	0.01535	----	

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 09/14/2005
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored	00511

1	1.94	1.94	0.0297	0.1799	0.0297	10:04:20 Yes
2	1.93	1.93	0.0296	0.1794	0.0296	10:04:49 Yes
Mean:	1.93	1.93	0.0297			
SD :	0.004	0.004	0.0001			
%RSD:	0.2	0.2	0.2168			

QC value within specified limits.

Element: Hg Seq. No.: 8 AS Loc.: 1 Date: 09/14/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.02	0.02	0.0003	0.0013	0.0003	10:05:41	Yes
2	0.02	0.02	0.0002	0.0012	0.0003	10:06:10	Yes
Mean:	0.02	0.02	0.0002				
SD :	0.001	0.001	0.0000				
%RSD:	6.1	6.1	6.0508				

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 9 Date: 09/14/2005
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.27	0.27	0.0042	0.0281	0.0042	10:07:00	Yes
2	0.28	0.28	0.0043	0.0310	0.0043	10:07:29	Yes
Mean:	0.28	0.28	0.0042				
SD :	0.005	0.005	0.0001				
%RSD:	2.0	2.0	1.9863				

9/14/05 BW

Element: Hg Seq. No.: 10 AS Loc.: 10 Date: 09/14/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

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Element: Hg Seq. No.: 10 AS Loc.: 7 Date: 09/14/2005
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.87	1.87	0.0287	0.1728	0.0287	10:09:58	Yes
2	1.84	1.84	0.0282	0.1673	0.0282	10:10:30	Yes
Mean:	1.85	1.85	0.0284				
SD :	0.021	0.021	0.0003				
%RSD:	1.1	1.1	1.1197				

QC value within specified limits.

Element: Hg Seq. No.: 11 AS Loc.: 1 Date: 09/14/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.02	0.02	0.0002	0.0015	0.0003	10:11:22	Yes
2	0.01	0.01	0.0002	0.0020	0.0002	10:11:51	Yes
Mean:	0.01	0.01	0.0002				
SD :	0.001	0.001	0.0000				
%RSD:	9.7	9.7	9.6917				

QC value within specified limits.

---00512-

Element: Hg Seq. No.: 12 AS Loc.: 9 Date: 09/14/2005

Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.18	0.18	0.0028	0.0172	0.0029	10:12:41	Yes
2	0.17	0.17	0.0027	0.0154	0.0027	10:13:10	Yes
Mean:	0.18	0.18	0.0027				
SD :	0.008	0.008	0.0001				
%RSD:	4.3	4.3	4.2564				

Element: Hg Seq. No.: 13 AS Loc.: 10 Date: 09/14/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.89	4.89	0.0750	0.4323	0.0750	10:14:00	Yes
2	4.87	4.87	0.0748	0.4301	0.0748	10:14:30	Yes
Mean:	4.88	4.88	0.0749				
SD :	0.011	0.011	0.0002				
%RSD:	0.2	0.2	0.2194				

Element: Hg Seq. No.: 14 AS Loc.: 11 Date: 09/14/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0005	0.0001	10:15:20	Yes
2	0.00	0.00	0.0000	-0.0007	0.0000	10:15:49	Yes
Mean:	0.00	0.00	0.0000				
SD :	0.005	0.005	0.0001				
%RSD:	198.4	198.4	198.3824				

Element: Hg Seq. No.: 15 AS Loc.: 12 Date: 09/14/2005
Sample ID: MB-19956 100ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0005	0.0001	10:16:39	Yes
2	0.01	0.01	0.0001	0.0009	0.0001	10:17:08	Yes
Mean:	0.01	0.01	0.0001				
SD :	0.002	0.002	0.0000				
%RSD:	24.9	24.9	24.9490				

Element: Hg Seq. No.: 16 AS Loc.: 13 Date: 09/14/2005
Sample ID: D1003-01D 134 ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	-0.0001	0.0000	10:17:58	Yes
2	0.00	0.00	0.0000	0.0005	0.0001	10:18:27	Yes
Mean:	0.00	0.00	0.0000				
SD :	0.002	0.002	0.0000				
%RSD:	122.6	122.6	122.6238				

Element: Hg Seq. No.: 17 AS Loc.: 14 Date: 09/14/2005
Sample ID: D1003-02D 134ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0011	0.0001	10:19:17	Yes
2	0.01	0.01	0.0001	0.0008	0.0001	10:19:46	Yes
Mean:	0.01	0.01	0.0001				

00513

SD :	0.001	0.001	0.0000
%RSD:	9.7	9.7	9.6789

Element: Hg Seq. No.: 18 AS Loc.: 7 Date: 09/14/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.20	5.20	0.0799	0.4612	0.0799	10:20:36	Yes
2	5.19	5.19	0.0797	0.4569	0.0797	10:21:05	Yes
Mean:	5.20	5.20	0.0798				
SD :	0.008	0.008	0.0001				
%RSD:	0.2	0.2	0.1578				

QC value within specified limits.

Element: Hg Seq. No.: 19 AS Loc.: 1 Date: 09/14/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	-0.0003	0.0000	10:21:57	Yes
2	0.01	0.01	0.0001	0.0014	0.0002	10:22:26	Yes
Mean:	0.00	0.00	0.0001				
SD :	0.007	0.007	0.0001				
%RSD:	182.5	182.5	182.5328				

QC value within specified limits.

Element: Hg Seq. No.: 20 AS Loc.: 15 Date: 09/14/2005
Sample ID: D1003-02DDUP 134ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	-0.0001	0.0000	10:23:19	Yes
2	0.01	0.01	0.0001	0.0015	0.0002	10:23:48	Yes
Mean:	0.00	0.00	0.0001				
SD :	0.007	0.007	0.0001				
%RSD:	164.8	164.8	164.8200				

Element: Hg Seq. No.: 21 AS Loc.: 16 Date: 09/14/2005
Sample ID: D1003-02DMS 134ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.84	0.84	0.0129	0.0722	0.0129	10:24:38	Yes
2	0.84	0.84	0.0129	0.0715	0.0129	10:25:07	Yes
Mean:	0.84	0.84	0.0129				
SD :	0.001	0.001	0.0000				
%RSD:	0.1	0.1	0.1216				

Element: Hg Seq. No.: 22 AS Loc.: 17 Date: 09/14/2005
Sample ID: D1003-04D 136ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0008	0.0001	10:26:01	Yes
2	0.01	0.01	0.0001	0.0009	0.0001	10:26:31	Yes
Mean:	0.01	0.01	0.0001				
SD :	0.001	0.001	0.0000				
%RSD:	16.8	16.8	16.8311				

00514=

Element: Hg Seq. No.: 23 AS Loc.: 18 Date: 09/14/2005

Sample ID: D1003-05D 136ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	0.0004	0.0001	10:27:21	Yes
2	0.01	0.01	0.0001	0.0008	0.0001	10:27:50	Yes
Mean:	0.00	0.00	0.0001				
SD :	0.002	0.002	0.0000				
%RSD:	44.5	44.5	44.4953				

Element: Hg Seq. No.: 24 AS Loc.: 19 Date: 09/14/2005
Sample ID: D1003-07D 136ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0007	0.0001	10:28:40	Yes
2	0.01	0.01	0.0001	0.0009	0.0001	10:29:09	Yes
Mean:	0.01	0.01	0.0001				
SD :	0.000	0.000	0.0000				
%RSD:	8.2	8.2	8.1562				

Element: Hg Seq. No.: 25 AS Loc.: 20 Date: 09/14/2005
Sample ID: D0993-01D 134ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	-0.0003	0.0000	10:29:59	Yes
2	0.01	0.01	0.0001	0.0008	0.0001	10:30:28	Yes
Mean:	0.00	0.00	0.0000				
SD :	0.004	0.004	0.0001				
%RSD:	209.8	209.8	209.7786				

Element: Hg Seq. No.: 26 AS Loc.: 21 Date: 09/14/2005
Sample ID: D0996-11D 134ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0008	0.0001	10:31:18	Yes
2	0.00	0.00	0.0001	0.0005	0.0001	10:31:47	Yes
Mean:	0.00	0.00	0.0001				
SD :	0.001	0.001	0.0000				
%RSD:	28.1	28.1	28.1049				

Element: Hg Seq. No.: 27 AS Loc.: 22 Date: 09/14/2005
Sample ID: D1004-01D 136ml

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0001	0.0003	0.0001	10:32:38	Yes
2	0.00	0.00	0.0000	0.0006	0.0001	10:33:07	Yes
Mean:	0.00	0.00	0.0001				
SD :	0.002	0.002	0.0000				
%RSD:	44.9	44.9	44.9345				

Element: Hg Seq. No.: 28 AS Loc.: 7 Date: 09/14/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.27	5.27	0.0810	0.4639	0.0810	10:33:59	Yes

9/14/05 RW

00515

Element: Hg Seq. No.: 29 AS Loc.: 7 Date: 09/14/2005
Sample ID: ~~ICV~~ CRA 9/14/05 QW

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.19	0.19	0.0029	0.0125	0.0029	10:36:07	Yes
2	0.20	0.20	0.0030	0.0134	0.0030	10:36:37	Yes
Mean:	0.19	0.19	0.0030				
SD :	0.006	0.006	0.0001				
%RSD:	3.0	3.0	3.0412				

QC failed, value less than lower limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 30 AS Loc.: 1 Date: 09/14/2005
Sample ID: ~~ICB~~ CCV 9/14/05 QW

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.34	5.34	0.0820	0.4711	0.0820	10:37:29	Yes
2	5.37	5.37	0.0824	0.4734	0.0825	10:37:58	Yes
Mean:	5.36	5.36	0.0822				
SD :	0.020	0.020	0.0003				
%RSD:	0.4	0.4	0.3725				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 31 AS Loc.: 9 Date: 09/14/2005
Sample ID: ~~CRA~~ CCB 9/14/05 QW

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0000	0.0000	0.0000	10:38:48	Yes
2	0.00	0.00	0.0000	0.0001	0.0000	10:39:17	Yes
Mean:	0.00	0.00	0.0000				
SD :	0.000	0.000	0.0000				
%RSD:	20.9	20.9	20.8845				

Element: Hg Seq. No.: 32 AS Loc.: 10 Date: 09/14/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

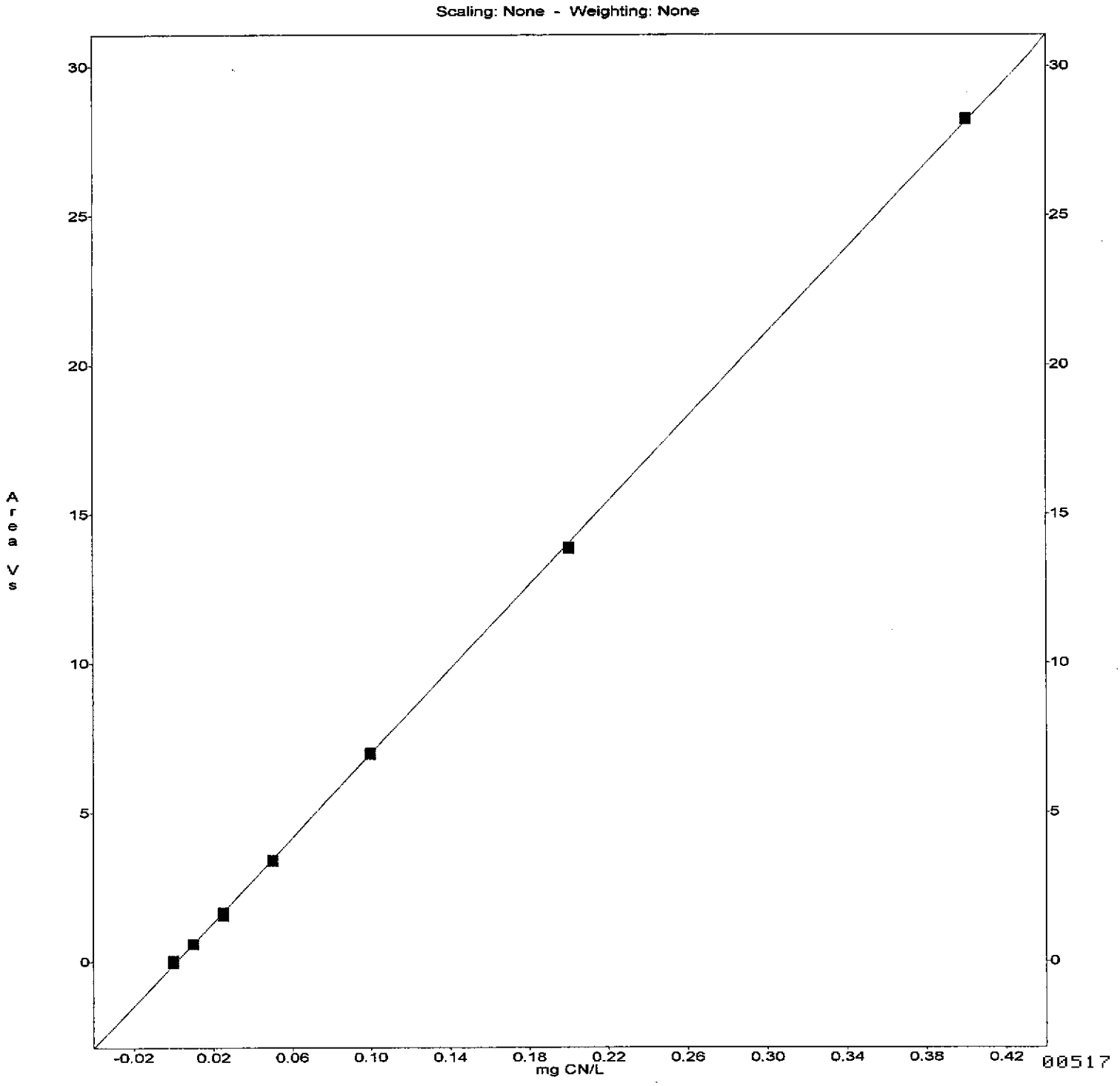
00516

Lachat_050902A - Ims5.3 CN Lachat_050902B - 9012

D0986, D0996, D1004 D1009

Lvl	Area	mg CN/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	61889	0.000	61889	-31051				65718.4	426.2	
2	621074	0.010	621074	622440				966.3	0.2	1.5
3	1673260	0.025	1673260	1566147				75740.1	4.7	1.0
4	3423301	0.050	3423301	3397312				18377.2	0.5	0.9
5	7000876	0.100	7000876	6964592				25657.0	0.4	-0.2
6	13865067	0.200	13865067	13889224				17081.6	0.1	1.3
7	28258366	0.400	28258366	28223636				24557.8	0.1	-0.3

1st Order Poly
Conc = 1.416e-008 Area + 1.057e-003
r = 1.0000



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OPERATOR: kbadura
ACQ. TIME: Sep 2, 2005 10:11:33
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METHOD FILENAME: C:\OMNION\METHODS\CN\SEPT05.MET\C090205A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\SEPT05.TRA\C090205A.TRA

TRAY DESCRIPTION:
Created: Sep 2, 2005 9:14:36
Modified: Sep 2, 2005 9:14:36
ANALYSIS: CYANIDE ANALYST: KB/MM
DATA DESCRIPTION:
Created: Sep 2, 2005 10:11:33
Modified: Sep 2, 2005 10:11:33

Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 30

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (uv-s)	Man Dil Factor	Weight	Unit
1	S0	02 Sep 2005	10:12:11	2	15418.5977	1.0	1.00000	g
2	S0.01	02 Sep 2005	10:14:43	2	621756.7500	1.0	1.00000	g
3	S0.025	02 Sep 2005	10:17:15	2	1619703.1875	1.0	1.00000	g
4	S0.05	02 Sep 2005	10:19:47	2	3410306.6250	1.0	1.00000	g
5	S0.10	02 Sep 2005	10:22:20	2	6982733.7500	1.0	1.00000	g
6	S0.20	02 Sep 2005	10:24:51	2	13877145.5000	1.0	1.00000	g
7	S0.40	02 Sep 2005	10:27:23	2	28241001.0000	1.0	1.00000	g

OPERATOR: kbadura
ACQ. TIME: Sep 2, 2005 10:11:33
DATA FILENAME: C:\OMNION\DATA\CN\SEPT05~1.DAT\C090205A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\SEPT05.MET\C090205A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\SEPT05.TRA\C090205A.TRA

TRAY DESCRIPTION:
Created: Sep 2, 2005 9:14:36
Modified: Sep 2, 2005 9:14:36
ANALYSIS: CYANIDE ANALYST: KB/MM
DATA DESCRIPTION:
Created: Sep 2, 2005 10:11:33
Modified: Sep 2, 2005 10:11:33

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 30

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (mg CN/L)	Man Dil Factor	Weight	Unit	
1	ICV	02 Sep 2005	10:30:53	2	0.2842	1.0	1.00000	g	114%
2	ICB	02 Sep 2005	10:33:25	2	0.0016	1.0	1.00000	g	
3	CRA	02 Sep 2005	10:35:57	2	0.0112	1.0	1.00000	g	112%
4	CCV	02 Sep 2005	10:38:29	2	0.2288	1.0	1.00000	g	114%
5	CCB	02 Sep 2005	10:41:01	2	0.0016	1.0	1.00000	g	
6	STD @ 0.2	02 Sep 2005	10:43:33	2	0.2242	1.0	1.00000	g	112%
7	STD@ 0.1	02 Sep 2005	10:46:06	2	0.1009	1.0	1.00000	g	101%
8	MB-19771	02 Sep 2005	10:48:37	2	0.0014	1.0	1.00000	g	
9	D1004-01B	02 Sep 2005	10:51:09	2	0.0015	1.0	1.00000	g	
10	CCV	02 Sep 2005	10:53:42	2	0.2269	1.0	1.00000	g	113%
11	CCB	02 Sep 2005	10:56:13	2	0.0013	1.0	1.00000	g	
12	D1004-01BDUP	02 Sep 2005	10:58:45	2	0.0018	1.0	1.00000	g	
13	D1004-01BMS	02 Sep 2005	11:01:17	2	0.1116	1.0	1.00000	g	110%
14	D1004-02A	02 Sep 2005	11:03:50	2	0.0023	1.0	1.00000	g	
15	MB-19772	02 Sep 2005	11:06:22	2	0.0023	1.0	1.00000	g	
~~16~~	~~LCS-19772~~	02 Sep 2005	11:08:54	2	0.1343	1.0	1.00000	g	T-run
17	D1009-03C	02 Sep 2005	11:11:26	2	0.0019	1.0	1.00000	g	
18	D1009-03CDUP	02 Sep 2005	11:13:57	2	0.0019	1.0	1.00000	g	
19	D1009-03CMS	02 Sep 2005	11:16:29	2	0.1174	1.0	1.00000	g	117%
20	CCV	02 Sep 2005	11:19:01	2	0.2293	1.0	1.00000	g	115%
21	CCB	02 Sep 2005	11:21:33	2	0.0016	1.0	1.00000	g	
22	MB-19797	02 Sep 2005	11:24:05	2	0.0014	1.0	1.00000	g	
23	LCS-19797	02 Sep 2005	11:26:37	2	0.2411	10.0	1.00000	g	= 117.04 mg/L
24	D0986-04B	02 Sep 2005	11:29:09	2	0.0015	1.0	1.00000	g	
25	D0986-05B	02 Sep 2005	11:31:41	2	0.0025	1.0	1.00000	g	
26	D0986-06B	02 Sep 2005	11:34:13	2	0.0028	1.0	1.00000	g	
27	D0996-01E	02 Sep 2005	11:36:46	2	0.0016	1.0	1.00000	g	
28	D0996-02E	02 Sep 2005	11:39:17	2	0.0020	1.0	1.00000	g	
29	D0996-03E	02 Sep 2005	11:41:49	2	0.0023	1.0	1.00000	g	
30	CCV	02 Sep 2005	11:44:21	2	0.2251	1.0	1.00000	g	115%

OPERATOR: kbadura
ACQ. TIME: Sep 2, 2005 10:11:33
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METHOD FILENAME: C:\OMNION\METHODS\CN\SEPT05.MET\C090205A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\SEPT05.TRA\C090205A.TRA

TRAY DESCRIPTION:
Created: Sep 2, 2005 9:14:36
Modified: Sep 2, 2005 9:14:36
ANALYSIS: CYANIDE ANALYST: KB/MM
DATA DESCRIPTION:
Created: Sep 2, 2005 10:11:33
Modified: Sep 2, 2005 10:11:33

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 31 to 42

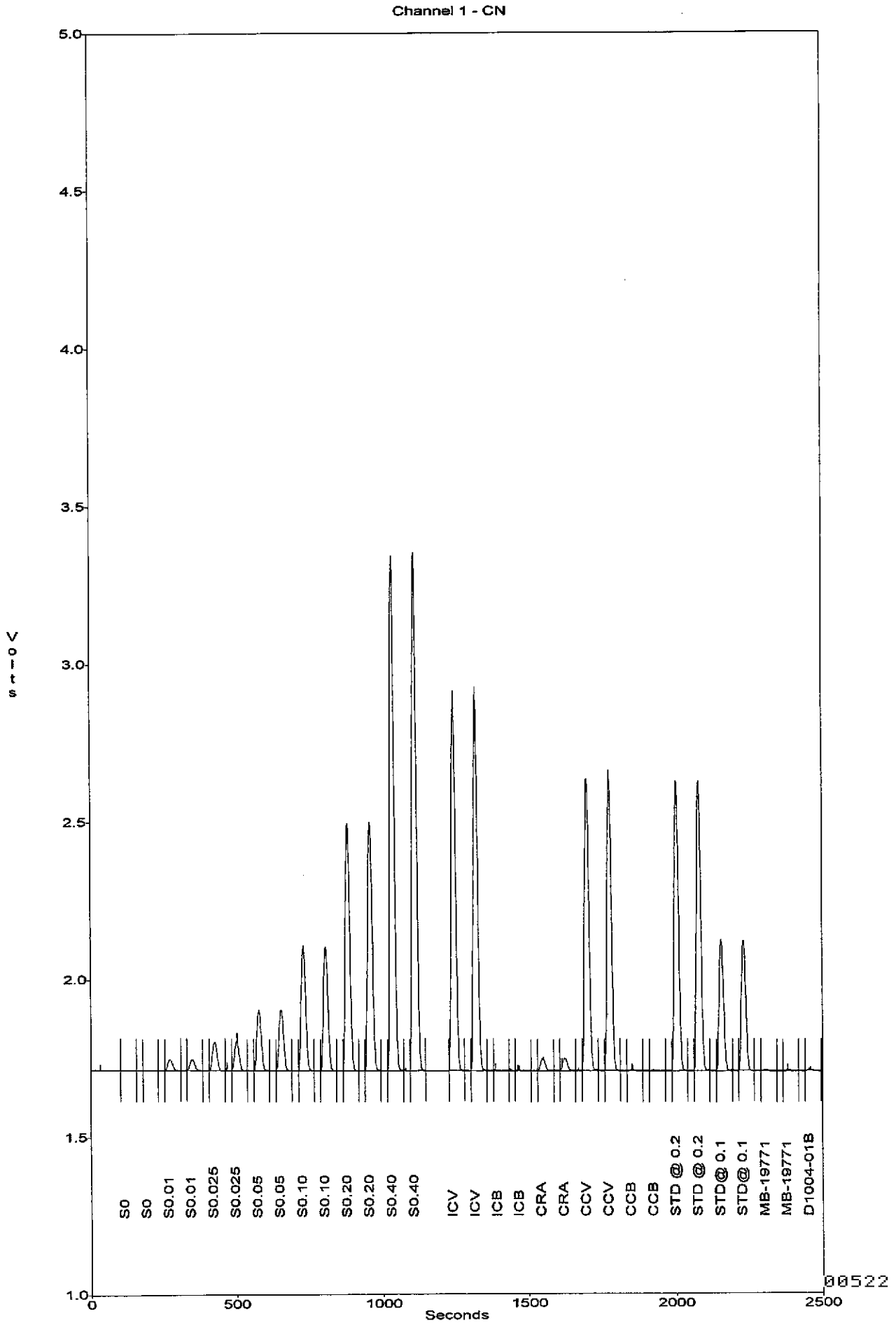
Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (mg CN/L)	Man Dil Factor	Weight	Unit	
31	CCB	02 Sep 2005	11:46:53	2	0.0014	1.0	1.00000	g	
32	D0996-04E	02 Sep 2005	11:49:25	2	0.0075	1.0	1.00000	g	
33	D0996-05E	02 Sep 2005	11:51:58	2	0.0041	1.0	1.00000	g	
34	D0996-05EDUP	02 Sep 2005	11:54:30	2	0.0037	1.0	1.00000	g	
~~35~~	~~D0996-05EMS~~	02 Sep 2005	11:57:01	2	0.1327	1.0	1.00000	g	mw TDS
36	D0996-07E	02 Sep 2005	11:59:33	2	0.0050	1.0	1.00000	g	
37	D0996-08E	02 Sep 2005	12:02:05	2	0.0027	1.0	1.00000	g	
38	D0996-09E	02 Sep 2005	12:04:37	2	0.0024	1.0	1.00000	g	
39	D0996-10E	02 Sep 2005	12:07:10	2	0.0041	1.0	1.00000	g	
40	CCV	02 Sep 2005	12:09:41	2	0.2199	1.0	1.00000	g	110%
41	CCB	02 Sep 2005	12:12:14	2	0.0016	1.0	1.00000	g	
42	SOLVENT	02 Sep 2005	12:14:46	2	0.0013	1.0	1.00000	g	

OPERATOR: kbadura
ACQ. TIME: Sep 2, 2005 14:40:48
DATA FILENAME: C:\OMNION\DATA\CN\SEPT05~1.DAT\C090205B.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\SEPT05.MET\C090205B.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\SEPT05.TRA\C090205B.TRA

TRAY DESCRIPTION:
Created: Sep 2, 2005 14:35:09
Modified: Sep 2, 2005 14:35:09
ANALYSIS: CYANIDE ANALYST: KB/MM
DATA DESCRIPTION:
Created: Sep 2, 2005 14:40:48
Modified: Sep 2, 2005 14:40:48

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 30

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (mg CN/L)	Man Dil Factor	Weight	Unit	
1	LCS-19772	02 Sep 2005	14:41:09	2	0.1000	1.0	1.00000	g	100%
2	D0996-05EPDS	02 Sep 2005	14:43:41	2	0.1005	1.0	1.00000	g	101 %
3	CCV	02 Sep 2005	14:46:13	2	0.2194	1.0	1.00000	g	110 %
4	CCB	02 Sep 2005	14:48:45	2	0.0010	1.0	1.00000	g	
5	SOLVENT	02 Sep 2005	14:51:17	2	0.0017	1.0	1.00000	g	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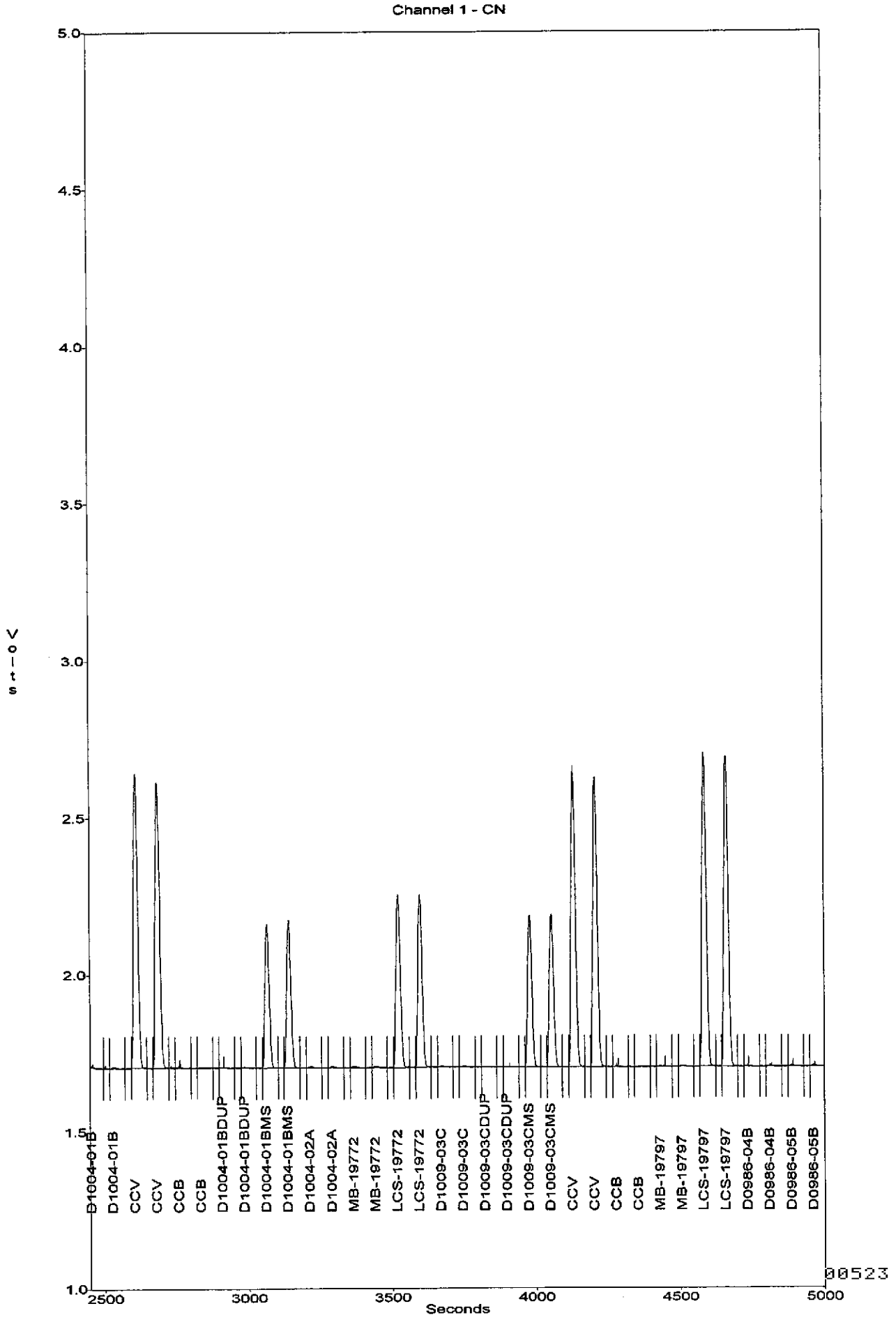
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
Volts
0
500
1000
1500
2000
2500
Seconds
S0
S0
S0.01
S0.01
S0.025
S0.025
S0.05
S0.05
S0.10
S0.10
S0.20
S0.20
S0.40
S0.40
ICV
ICV
ICB
ICB
CRA
CRA
CCV
CCV
CCB
CCB
STD @ 0.2
STD @ 0.2
STD@ 0.1
STD@ 0.1
MB-19771
MB-19771
D1004-01B
00522


Channel 1 - CN
Volts
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4.0
3.5
3.0
2.5
2.0
1.5
1.0
2500
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4000
4500
5000
Seconds
D1004-01B
D1004-01B
CCV
CCV
CCB
CCB
D1004-01BDUP
D1004-01BDUP
D1004-01BMS
D1004-01BMS
D1004-02A
D1004-02A
MB-19772
MB-19772
LCS-19772
LCS-19772
D1009-03C
D1009-03C
D1009-03CDUP
D1009-03CDUP
D1009-03CMS
D1009-03CMS
CCV
CCV
CCB
CCB
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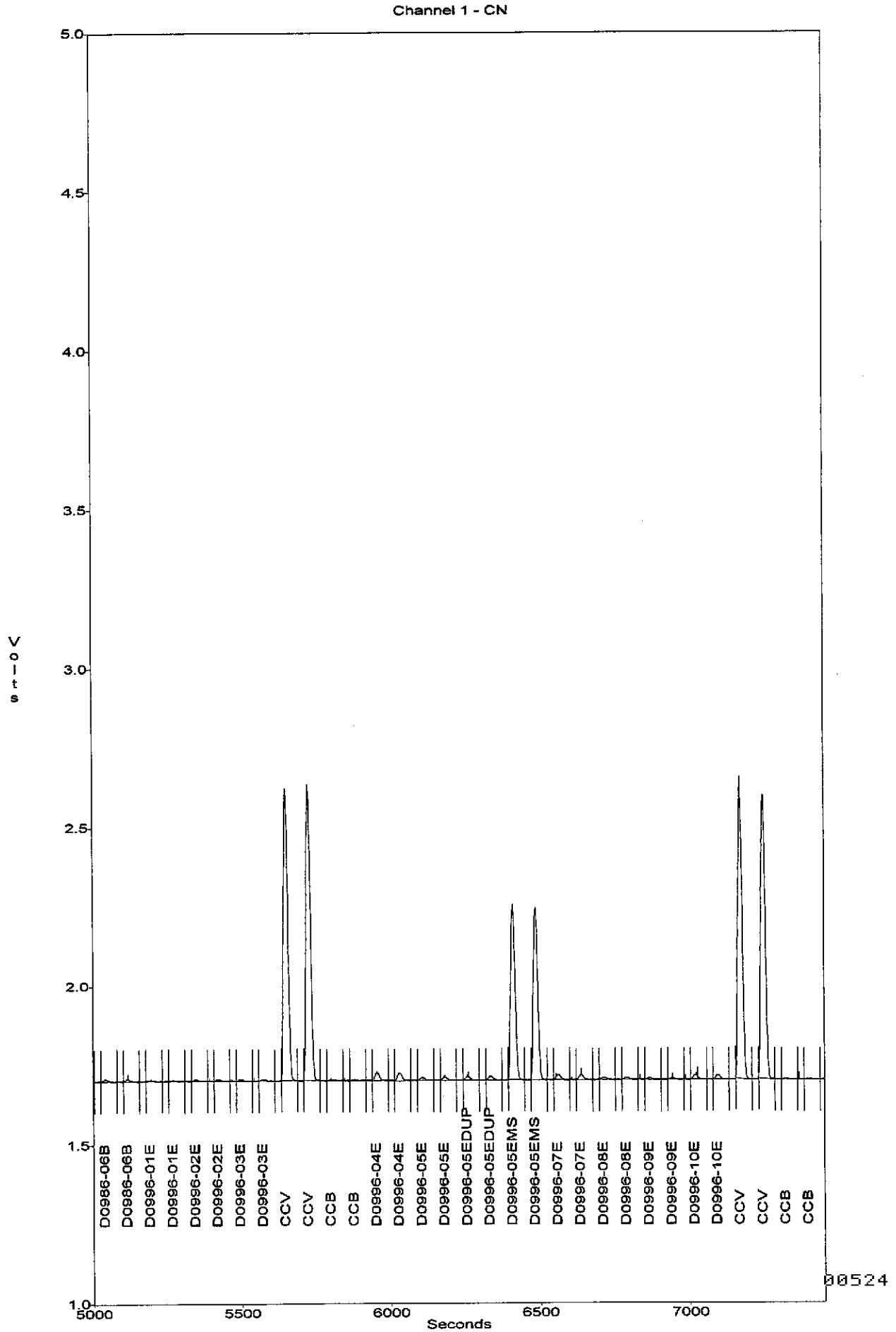
LCS-19797
D0986-04B
D0986-04B
D0986-05B
D0986-05B

00523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4.0
3.5
3.0
2.5
2.0
1.5
1.0
Volts
5000
5500
6000
6500
7000
Seconds
D0986-06B
D0986-06B
D0996-01E
D0996-01E
D0996-02E
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CCB
CCB
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D0996-05E
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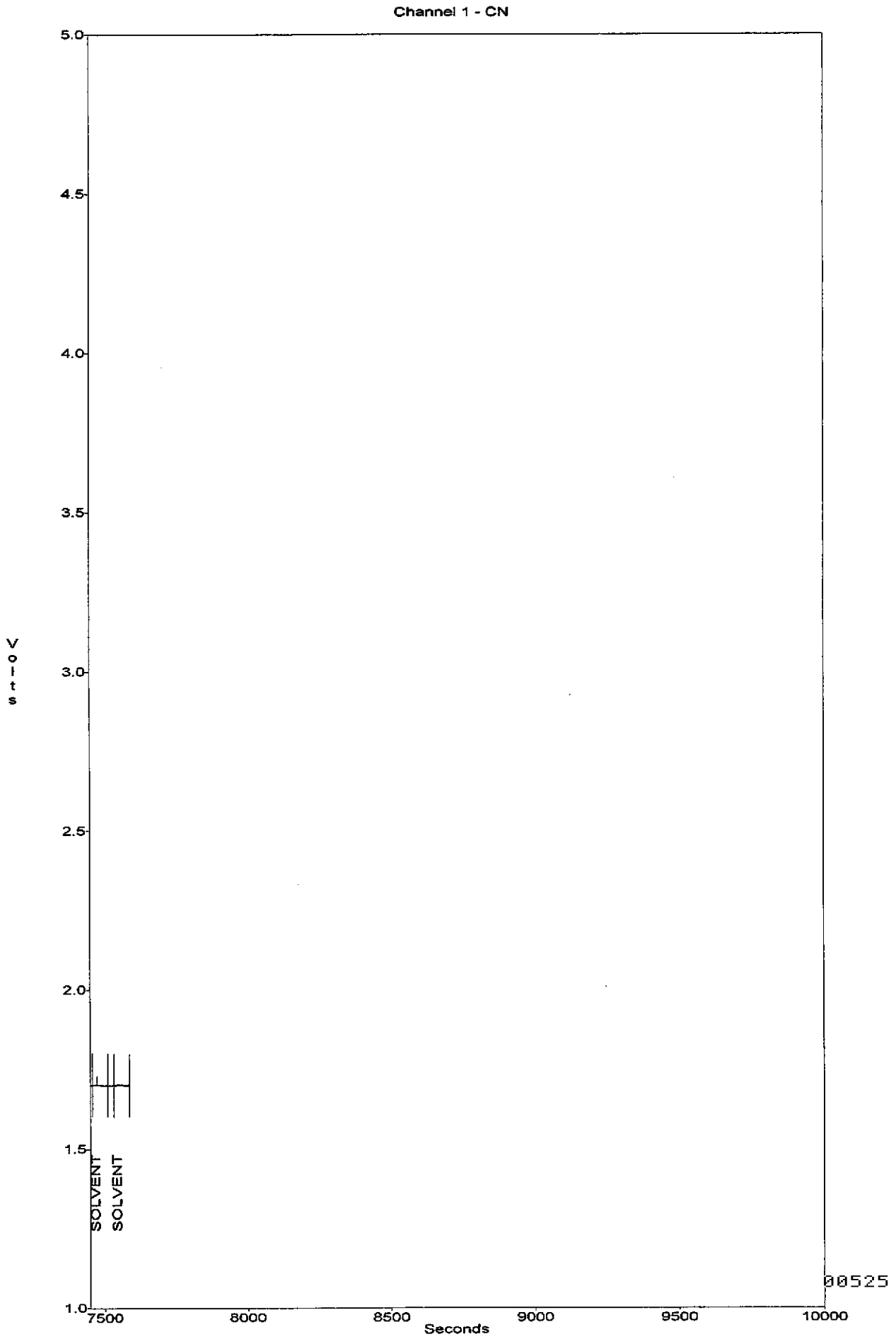
00524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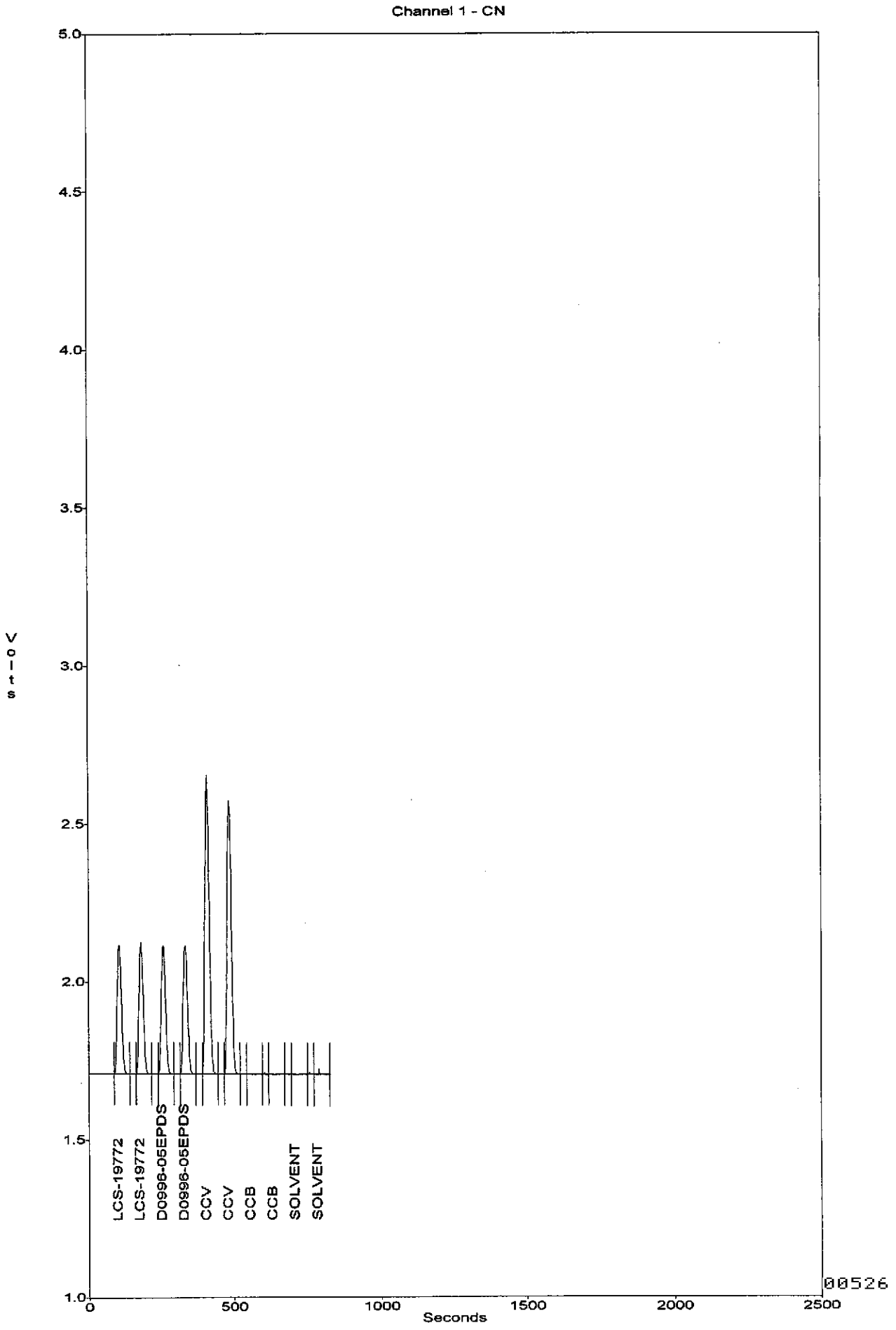
4.0
3.5
3.0
2.5
2.0
1.5
1.0
Volts
SOLVENT
SOLVENT
7500
8000
8500
9000
9500
10000
Seconds
00525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4.0
3.5
3.0
2.5
2.0
1.5
1.0
Volts
0
500
1000
1500
2000
2500
Seconds
LCS-19772
LCS-19772
D0996-05EPDS
D0996-05EPDS
CCV
CCV
CCB
CCB
SOLVENT
SOLVENT
00526

Creator: kbadura
Creation Date: Sep 2, 2005 9:14:36
Last Modified: Sep 2, 2005 9:14:36
Description: ANALYSIS: CYANIDE ANALYST: KB/MM

Cup #	Sample ID	Manual Dilution	Sample Type	
1	S0	1.0000	CalStd	
2	S0.01	1.0000	CalStd	
3	S0.025	1.0000	CalStd	
4	S0.05	1.0000	CalStd	
5	S0.10	1.0000	CalStd	
6	S0.20	1.0000	CalStd	
7	S0.40	1.0000	CalStd	
1	ICV	1.0000	Unknown	
2	ICB	1.0000	Unknown	
3	CRA	1.0000	Unknown	
4	CCV	1.0000	Unknown	
5	CCB	1.0000	Unknown	
6	STD @ 0.2	1.0000	Unknown	
7	STD@ 0.1	1.0000	Unknown	
8	MB-19771	1.0000	Unknown	
9	D1004-01B	1.0000	Unknown	
10	CCV	1.0000	Unknown	
11	CCB	1.0000	Unknown	
12	D1004-01BDUP	1.0000	Unknown	
13	D1004-01BMS	1.0000	Unknown	
14	D1004-02A	1.0000	Unknown	
15	MB-19772	1.0000	Unknown	
16	LCS-19772	1.0000	Unknown	
17	D1009-03C	1.0000	Unknown	
18	D1009-03CDUP	1.0000	Unknown	
19	D1009-03CMS	1.0000	Unknown	
20	CCV	1.0000	Unknown	
21	CCB	1.0000	Unknown	
22	MB-19797	1.0000	Unknown	
23	LCS-19797	10.0000	Unknown	
24	D0986-04B	1.0000	Unknown	
25	D0986-05B	1.0000	Unknown	
26	D0986-06B	1.0000	Unknown	
27	D0996-01E	1.0000	Unknown	
28	D0996-02E	1.0000	Unknown	
29	D0996-03E	1.0000	Unknown	
30	CCV	1.0000	Unknown	
31	CCB	1.0000	Unknown	
32	D0996-04E	1.0000	Unknown	
33	D0996-05E	1.0000	Unknown	
34	D0996-05EDUP	1.0000	Unknown	00527
35	D0996-05EMS	1.0000	Unknown	

Cup #	Sample ID	Manual Dilution	Sample Type	
36	D0996-07E	1.0000	Unknown	
37	D0996-08E	1.0000	Unknown	
38	D0996-09E	1.0000	Unknown	
39	D0996-10E	1.0000	Unknown	
40	CCV	1.0000	Unknown	
41	CCB	1.0000	Unknown	
42	SOLVENT	1.0000	Unknown	

Creator: kbadura
Creation Date: Sep 2, 2005 14:35:09
Last Modified: Sep 2, 2005 14:35:09
Description: ANALYSIS: CYANIDE ANALYST: KB/MM

Cup #	Sample ID	Manual Dilution	Sample Type	
1	S0	1.0000	CalStd	
2	S0.01	1.0000	CalStd	
3	S0.025	1.0000	CalStd	
4	S0.05	1.0000	CalStd	
5	S0.10	1.0000	CalStd	
6	S0.20	1.0000	CalStd	
7	S0.40	1.0000	CalStd	
1	LCS-19772	1.0000	Unknown	
2	D0996-05EPDS	1.0000	Unknown	
3	CCV	1.0000	Unknown	
4	CCB	1.0000	Unknown	
5	SOLVENT	1.0000	Unknown	

MITKEM CORPORATION SAMPLE RUN LOG: LACHAT INSTRUMENT

Date: 9.2.05 Analyst: KB / MM

Analyses: Channel 1: CN Channel 2:

* results in mg/L

AS POS	Lab ID		AS POS	Lab ID		AS POS	Lab ID		AS POS	Lab ID		AS POS	Lab ID	
S1	50.00		12	D1004	01BDUP	32	D0996	04E	52			72		
S2	50.01		13	D1004	01BMS	33		05E	53			73		
S3	50.025		14	D1004	02A	34		06EDUP	54			74		
S4	50.050		15	MB - 19772		35		06EMS	55			75		
S5	50.10		16	LCS - 19772		36		07E	56			76		
S6	50.20		17	D1009	03C	37		08E	57			77		
S7	50.40		18	D1009	03CDUP	38		09E	58			78		
S8	9.2.05 MM		19	D1009	03CMS	39	D0996	10E	59			79		
S9			20	CCV		40	CCV		60			80		
1	ICV		21	CCB		41	CCB		61			81		
2	ICB		22	MB-19797		42	Solvent		62			82		
3	CRA		23	LCS - 19797		43	LCS - 19772		63			83		
4	CCV		24	D0986	04B	44	D0996	06EDUP	64			84		
5	CCB		25	D0986	07B	45	CCV		65			85		
6	std @ 0.2		26	D0986	08B	46	CCB		66			86		
7	std @ 0.1		27	D0996	01A	47	solvent		67			87		
8	MB - 19771		28	D0996	02E	48	9.2.05		68			88		
9	D1004 ✓	01B	29	D0996	03E	49			69			89		
10	CCV		30	CCV		50			70			90		
11	CCB		31	CCB		51			71			91		

*Report all results in mg/L

DATA FILE NAME C090205a.b

METHOD FILE NAME ↓

TRAY FILE NAME ↓

REPORT FILE NAME C090205a.b

Reagent Lots

Pyridine IR.05080501

NaOH IR05082201

KH2PO4 IR05082302

Barbituric Acid IR05080501

Chloramine-T IR05090201

Other

curve: IR05082401

CCV: IR05082402

Curve on 9.02.05

m = ____

b = ____

r = 1.000

Logbook ID 100.0144-02/05

Reviewed by SDL 10/4/05

Logbook page 089

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Prep Logbooks

- [x] ICP
- [x] Mercury
- [x] Cyanide
- [ ] Percent Solids

10:00 ILM5.3 Ag. **MITKEM CORPORATION: Aqueous Metals Preparation Logbook** D01004

Date	Sample ID		Client ID	Sample Vol (ml)	pH	Sample Color Before	Clarity Before	Conc. HNO_3 (ml)	Conc. HCl (ml)	1:1 HCl (ml)	Sample Color After	Sample Clarity After	Final Volume (ml)	Comments	Analyst
~~9/13/05~~ 9/14/05	~~D01000~~ PBW	01A	19953	50	–	colorless	clear	0.5	2.5	–	colorless	clear	50		BV
9/13/05	LCSW			50	–	colorless	clear				colorless	clear	50		
	D01004	01D	SB-RB-W-R	50	<2	colorless	clear				colorless	clear	50		
	D01004	01D DUP	SB-RB-W-R	50	<2	colorless	clear				colorless	clear	50		
	D01004	01D MS	SB-RB-W-R	50	<2	colorless	clear				colorless	clear	50		
	D01045 MB 19935			50	<2	colorless	clear				colorless	clear	50		
		02C	RW01-W-0	50	<2	colorless	clear				colorless	clear	50		
		04F	MWB2-W-0	50	<2	colorless	clear				colorless	clear	50		
		05F	MWB3-W-0	50	<2	colorless	clear				colorless	clear	50		
		06F	MWB4-W-0	50	<2	colorless	clear				colorless	clear	50		
		07F	MWB5-W-0	50	<2	colorless	clear				colorless	clear	50		
		08F	MWB6-W-0	50	<2	colorless	clear				colorless	clear	50		
		09F	MWB1-W-0	50	<2	colorless	clear	↓	↓	↓	colorless	clear	50		↓
9/13/05	D01045	11H	MWB3-W-0	50	<2	colorless	clear	0.5	2.5	–	colorless	clear	50		BV
		9/13/05 BV													

HCl Lot# 4/04/20

HNO3 Lot# 1105010

Method: ILM5.3 Digestion Temp: 95 oC

SOP#: 100.0009MOD

LCSS/Spike ID: I050412E-450ml / I050208C
450ml { I041130D / I040809G } 50ml
450ml { I041025F / I040809F
450ml I050427A / I050427A-450ml

RELINQUISHED TO: 9/13/05

Logbook ID 100.0125-08/05

Reviewed By: SL 10/4/05

00532

ILM 5.3 Aq Hg

MITKEM CORPORATION: Mercury Digestion Logbook

D01003

Date	Bottle No.	Sample ID		Client ID	Sample Vol (ml)/ Wt (g)	Reagents Added: Conc. H_2SO_4 (ml)	Conc. HNO_3 (ml)	5% $KMnO_4$ (ml)	5% K_2SO_4 (ml)	Aqua-regia (ml)	Final Volume (ml)	Comments	Analyst
9/13/05	9BW	PBW		19956	100	5	2.5	15	8	—	100		BV
	~~22B~~	~~LCSW~~			BV	9/13/05							
	116	D01003	01D	D14455	100								
	318BV		02D	D14456	100								
	206		02DDUP	D14456	100								
	129N		02DMS	D14456	100								
	39A		04D	D14458	100								
	315		05D	D14459	100								
	314	D01003	07D	D14462	100								
	115	D0993	01D	D12926	100								
	22G	D0996	11D	D14471	100								
✓	20W	D01004	01D	SB-RB-W-R	100						136		
	120	S0.0			100								
	332Z	S0.2			100							II050912A	
	329	S1.0			100							II050912A	
9/13/05	207	S2.0			100	5	2.5	15	8	—		II050912A	BV

Waters
In: 10:30
Out: 12:30
Matrix: Aqueous

In: _____
In: _____

Soils
Out: NA
Out: _____

Matrix: Soil/Solid

LCSS _____

Spike II050912A - 200 µl

Temp: 95 °C

H_2SO_4 Lot # 3104070
HNO_3 Lot # 1105010
HCl Lot # ~~4~~ 4104120
KMnO4 Lot # 050469
K2S2O8 Lot# 041401
Method # ~~SW 7470A~~ ILM5.3
BV 9/13/05

RELINQUISHED TO: 9/13/05 DW

Reviewed by: ~~BL~~ 10/4/05

Logbook ID: 100.0128-07/05

MITKEM CORPORATION: Mercury Digestion Logbook

00534

Date	Bottle No.	Sample ID	Client ID	Sample Vol (ml)/ Wt (g)	Reagents Added: Conc. H_2SO_4 (ml)	Conc. HNO_3 (ml)	5% $KMnO_4$ (ml)	5% K_2SO_4 (ml)	Aqua-regia (ml)	Final Volume (ml)	Comments	Analyst
9/13/05	186	S5.0		100	5	2.5	15	8	—		II050912A	BV
9/13/05	313A	S10.0		100	5	2.5	15	8	—		II050912A	BV
9/13/05	193	ICV		100	5	2.5	15	8	—		II050912B	BV
				9/13/05		BV						

Waters
In: 10:30
Out: 12:30
Matrix: Aqueous

Soils
In: _____ Out: _____
In: _____ Out: _____
Matrix: Soil/Solid

LCSS _____

Spike II050912A - 200µl

Temp: 95 °C

H_2SO_4 Lot # 310408
HNO_3 Lot # 1105016
HCl Lot # 4104120
KMnO4 Lot # 050969
K2S2O8 Lot# 041401
Method # ILM 5.3

RELINQUISHED TO: _____ 9/13/05 DW

Reviewed by: SL 10/4/05

Logbook ID: 100.0128-07/05

MITKEM CORPORATION: CYANIDE DISTILLATION LOGBOOK

Date: 8/31/05 **Time On:** 11:00 **Time Off:** 13:00 **Analyst:** KB

Place #	Lab ID		Sample Vol (ml) Weight (g)	Sample pH	Pb Ac Paper (Y/N)	O.IN NaAsO2 (ml)	KI Test (Y/N)	4N Sulfamic Acid (ml)	50% H2SO4	2.5M MgCl2 (ml)	Final Volume
1	ICV		50	—	N	—	N	0.5	5	2	50
2	Std 0.1		50								50
3	PBS S – 19770		50								50
4	LCSS		50								50
5	D1022	01A	1.11								50
6	↓	01ADUP	1.11								50
7	↓	01AMS	1.11								50
8	D1022	02A	1.05								50
9	D1022	03A	1.00								50
10	PBW – 19771		50	↓							50
1	~~LCSS~~ 8/31/05 1629 Std	0.2	50	—							50
2	D1004 ✓	01B	50	~13							50
3	↓ ✓	01BDUP	50	~13							50
4	↓ ✓	01BMS	50	~13							50
5	D1004 ✓	02A	50	~14							50
6	~~D1009~~ PBW 8/31/05 1629	~~03~~	19772 50	—							50
7	LCSW		50	—							50
8	D1009	03C	50	~13							50
9	D1009	03CDUP	50	~13	↓	↓	↓	↓	↓	↓	50
10	D1009	03CMS	50	~13	N	—	N	0.5	5	2	50

LCS ID: IWP041405

Sulfamic Acid: IR0508170I

$MgCl_2$: IR0508180G **Spike ID:** IWI 050805

Na_2AsO_2: —

Cad. Carbonate: — **ICV ID:** IWI050823

H_2SO_4: IR 050414O4

Temp: 125°C **Std.0.2:** IWI050811

Logbook ID: 100.0169-04/05

Reviewed By: SBL 10/4/05

00535

MITKEM CORPORATION

* Wet Chemistry *

Mitkem Corporation

Date: *04-Oct-05*

Client: Ecology and Environment
Client Sample ID: MW12-W-O-0805
Lab ID: D1004-03

Project: Old Troy Landfill
Collection Date: 08/25/05 07:35

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
NITROGEN (NITRATE) BY AUTOMATED CD REDUCTION				**E353.2_NO2NO3**			
Nitrogen, Nitrate-Nitrite	4.5		0.50	mg/L	10	09/16/2005 13:18	20011
NITROGEN (AMMONIA) BY NESSLERIZATION METHOD				**SM4500_NH3_W**			
Ammonia-N	0.30		0.20	mg/L	1	09/12/2005 12:00	19920
NITROGEN (ORGANIC) BY MICRO-KJELDAHL METHOD				**SM4500_TKN_W**			
TKN-N	0.35	B	0.20	mg/L	1	09/03/2005 12:00	19820

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Corporation

Date: *04-Oct-05*

CLIENT: Ecology and Environment
Work Order: D1004
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: E353.2_NO2NO3

Sample ID	MB-20011	SampType:	MBLK	TestCode:	E353.2_NO2NO3	Prep Date:	09/16/2005	Run ID:	LACHAT1_050916B
Client ID:	MB-20011	Batch ID:	20011	Units:	mg/L	Analysis Date:	09/16/2005	SeqNo:	397416

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	ND	0.050									

Sample ID	LCS-20011	SampType:	LCS	TestCode:	E353.2_NO2NO3	Prep Date:	09/16/2005	Run ID:	LACHAT1_050916B
Client ID:	LCS-20011	Batch ID:	20011	Units:	mg/L	Analysis Date:	09/16/2005	SeqNo:	397417

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	5.266	0.50	5.46	0	96.5	36.2	153	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Ecology and Environment
Work Order: D1004
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: SM4500_NH3_W

Sample ID	MB-19920	SampType:	MBLK	TestCode:	SM4500_NH3_W			Prep Date:	09/10/2005		Run ID:	SPEC2_050912A	
Client ID:	MB-19920	Batch ID:	19920	Units:	mg/L			Analysis Date:	09/12/2005		SeqNo:	389666	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Ammonia-N		ND	0.20										

Sample ID	LCS-19920	SampType:	LCS	TestCode:	SM4500_NH3_W			Prep Date:	09/10/2005		Run ID:	SPEC2_050912A	
Client ID:	LCS-19920	Batch ID:	19920	Units:	mg/L			Analysis Date:	09/12/2005		SeqNo:	389667	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Ammonia-N		0.842	0.20	0.766	0	110	82.6	126	0	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Ecology and Environment
Work Order: D1004
Project: Old Troy Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: SM4500_TKN_W

Sample ID	MB-19820	SampType:	MBLK	TestCode:	SM4500_TKN_W			Prep Date:	09/02/2005		Run ID:	SPEC2_050903B	
Client ID:	MB-19820	Batch ID:	19820	Units:	mg/L			Analysis Date:	09/03/2005		SeqNo:	389218	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TKN-N	0.246	0.20											

Sample ID	LCS-19820	SampType:	LCS	TestCode:	SM4500_TKN_W			Prep Date:	09/02/2005		Run ID:	SPEC2_050903B	
Client ID:	LCS-19820	Batch ID:	19820	Units:	mg/L			Analysis Date:	09/03/2005		SeqNo:	389219	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TKN-N	0.724	0.20	0.674	0	107	80	120	0	0		B		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

SREC2_050903B

MITKEM CORPORATION **Ammonia / TKN Analysis**

Date	Sample ID		Sample volume (ml)	ABSORB.	Calc. CONC (mg/l)	Dilution Factor	Result (mg/L)	% Recovery	Comments	Analyst
9.3.05	SO.0		25	0.000	0.000	2	0.000			mm
	SO.4 + mg/l		10µl/25	0.077	0.401	2	0.802	100 %		
	PBW-19820		25	0.026	0.123	2	ND			
	QC		2.5/25	0.070	0.362	(2 x 10)	7.25 9.3.05 mm	108 %	Ev = 6.74 mg/L	
	D0966	01D	25	0.038	0.188	2	ND			
		02D	25	0.321	1.73	2	3.46			
		03D	25	0.050	0.254	2	0.507	=ND	RPD = 16 %	
	↓	03DDup	25	0.058	0.297	2	0.594			
	D0966	03DMS	25	0.173	0.924	2	1.848	84 %		
	D0941	21C	25	0.084	0.439	2	ND			
	↓	22C	25	0.060	0.308	2	ND			
	D0941	23C	25	0.063	0.324	2	ND			
	SO.8 + mg/l		20µl/25	0.141	0.749	2	1.499	94 %		
	D0941	24C	25	0.083	0.433	2	ND			
9.3.05	D0997	02E	0.1/25	0.187	1.000	(2 x 250)	500.00			mm

Wavelength = 425 nm

Pathlength = 1.0 cm

MRL = 1.6 mg/l

+ IWP050607A

Conc of Analyte = (Abs-b)/m

spiked @ 0.8 mg/l w/ IWU050712802

9/12/05

m = 0.1834

b = 0.0035

r = 0.9993

Nessler Reagent Lot Number: 050784-12

Curve made on: 7.13.05

9.3.05 mm

Logbook ID: 100.0030-07/05

Reviewed By: 9/13/05

00541

MITKEM CORPORATION **Ammonia / TKN Analysis**

Date	Sample ID		Sample volume (ml)	ABSORB.	Calc. CONC (mg/l)	Dilution Factor	Result (mg/L)	% Recovery	Comments	Analyst
9.3.05	D[redacted]	03A	25	0.036	0.177	2	0.354			MM
9.3.05	S1.2+ 1mg/L		30ml/25	0.203	1.09	2	2.18	91%		MM

9.3.05

Wavelength = 425 nm + IWP 0506074 fp 9/12/05 m = 0.1834

Pathlength = 1.0 cm Conc of Analyte = (Abs-b)/m b = 0.0035

MRL = 1.6 mg/l spiked @ 0.8 mg/l a/ IWI 0507280Z r = 0.9993

Nessler Reagent Lot Number: 050784-12 Curve made on: 7.13.05

9.3.05 MM

Logbook ID: 100.0030-07/05 Reviewed By: SBC 9/13/05

00542

MITKEM CORPORATION: TKN AND AMMONIA DISTILLATION LOGBOOK

9/2/05

Place #	Lab ID		Initial Sample Volume (ml)	Initial Sample Weight (g)	Initial Sample pH	Final Extract Volume (ml)	Comments	Analyst
CS1	PBW-19820		50	—	~~<2~~ 1.9	100		KB/mm
09 2	QC		50		~~<2~~ 1.9	100		
8 3	D0966	9D	50		<2	100		
02 4		02D	50		<2	100		
W2 5		03D	50		<2	100		
BW 6		03DDUP	50		<2	100		
EE 7	D096C	03DMS	50		<2	100		
TS 8	D0941	21C	50		<2	100		
AJ 9		22C	50		<2	100		
BB 10		23C	50		<2	100		
X4 1	D0941	24C	50		<2	100		
06 2	D0997	02E	50		<2	100		
01 3	D1004	03A	50	—	<2	100		KB/mm
4								
5								
6								
7								
8								
9								
10								

9/2/05 KB

00543

Logbook #: 100.0035-07/05

Reviewed by SBC 9/13/05

SPEC2-050912A

MITKEM CORPORATION **Ammonia / TKN Analysis**

Date	Sample ID		Sample volume (ml)	ABSORB.	Calc. CONC (mg/l)	Dilution Factor	Result (mg/L)	% Recovery	Comments	Analyst
9/12/05	80.0		25	0.000	0.000	—	0			KB
	80.4+		10µl/25	0.078	0.406	—	0.406	102%		
	PBW-19920		25	0.020	0.090 ✓	—	ND			
	LCS-19920		25/25	0.158	0.842 ✓	(10)	8.42 ✓	110%	IAR050905O1 TV = 7.66 mg/L	
	D0991	01E	25				ORIGINAL			
		02E	25				ORIGINAL			
		03E	25				ORIGINAL			
		04E	25				ORIGINAL			
		04EDUP	25				ORIGINAL			
		04EMS	25				ORIGINAL			
		05E	25	0.380			ORIGINAL			
	D0991	06E	25				ORIGINAL			
	80.8+ mg/L		20µl/25	0.143	0.761	—	0.761	95%		
	D0991	07E	25	0.071	0.368 ✓	—	0.368 ✓			
9/12/05	D0991	08E	25	0.0848	0.243 ✓	—	0.243 ✓			KB

Wavelength = 425 nm + IAR050607A 9/12/05 m = 0.1834

Pathlength = 1.0 cm Conc of Analyte = (Abs-b)/m b = 0.0035

MRL = ~~1.0 mg/L~~ 0.2 mg/L spiked @ 0.8 mg/L ex IAR050830O1 r = 0.9993

9/12/05 KB

9/12/05 KB

Nessler Reagent Lot Number: 050784-12 Curve made on: 7/13/05

Logbook ID: 100.0030-07/05 Reviewed By: 9/14/05

80544

MS/DUP on D0991-04 = All OK and other data for same 9/14/05

MITKEM CORPORATION

Ammonia / TKN Analysis

Date	Sample ID		Sample volume (ml)	ABSORB.	Calc. CONC (mg/l)	Dilution Factor	Result (mg/L)	% Recovery	Comments	Analyst
9/12/05	D0997	02E	0.25/25			(100)	OLR/DR			KB
	D0998	01C	0.25/25			(100)	OLR/DR			
	D0998	02C	0.25/25			(100)	OLR/DR			
	D1004	03A	25	0.058	0.297	—	0.297			
	D1005	01C	25	0.048	0.243	—	0.243			
		02C	25	0.059	0.303	—	0.303			
		03C	25	0.068	0.352	—	0.352			
9/14/05	D1005	04C	25	0.090	0.472	—	0.472			
	S1.2 mg/L		30µL/25	0.220	1.18	—	1.18	98%		
	D0991	01E 9/12/05	0.25/25	0.410		(100)	OLR/DR			
		02E	0.25/25	0.570		(100)	OLR/DR			
		03E	0.25/25	0.188	1.00	(100)	100.60			
		04E	0.25/25	0.087	0.455	(100)	45.52	RPD = 1.20%		
		04EDP	0.25/25	0.088	0.461	(100)	46.07			
9/12/05	D0991	04EMS	0.25/5	0.221	1.19	(100)	118.59	91%		KB

Wavelength = 425 nm

Pathlength = 1.0 cm

MRL = 0.2 mg/L

9/12/05

+ I UPO50607A 9/12/05

Conc of Analyte = (Abs-b)/m

Spiked @ 0.8 mg/L w/ I UPO50 83004

Nessler Reagent Lot Number: 050784-12

m = 0.1834

b = 0.0035

= 0.9993

Curve made on: 7/13/05

Logbook ID: 100.0030-07/05

Reviewed By: 9/14/05

00545

MITKEM CORPORATION — **Ammonia / TKN Analysis**

Date	Sample ID		Sample volume (ml)	ABSORB.	Calc. CONC (mg/l)	Dilution Factor	Result (mg/L)	% Recovery	Comments	Analyst
9/12/05	D0991	06E	0.25/25	0.202	1.08 ✓	(100) ✓	108.23			KB
		05E	12.5/25	0.217	1.16 ✓	(2) ✓	2.33 9/12/05 ICB			
		01E	0.125/25	0.202	1.08 ✓	(200) ✓	~~109~~ 9/12/05 ICB 216 ✓			
	D0991	02E	0.1/25	0.223	1.19 ✓	(200) ✓	299.21 ✓			
	S ~~400~~ 9/12/05 ICB 0.4		10µl/25	0.080	0.417	—	0.417	104%		
	D0997	02E	0.1/25	0.355	1.92 ✓	(250) ✓	479.14			
	D0998	01C	0.1/25	0.271	1.46 ✓	(250) ✓	364.64			
	D0908	02C	0.1/25	0.368	1.99 ✓	(250) ✓	496.86			
9/12/05	S 0.8 mg/L		20µl/25	0.149	0.793	—	0.793	99%		KB
							9/12/05 ICB			

Wavelength = 425nm +ICV05060782 9/12/05 m = 0.1834

Pathlength = 1.0 cm Conc of Analyte = (Abs-b)/m b = 0.0035

MRL = 0.2 mg/L spiked @ 0.8 mg/L ICV 05083001 r = 0.9993

0.1/12/05 ICB Nessler Reagent Lot Number: 050784-12 Curve made on: 7/13/05

Logbook ID: 100.0030-07/05 Reviewed By: 9/14/05

BB546

MITKEM CORPORATION: TKN AND AMMONIA DISTILLATION LOGBOOK

9/10/05

Place #	Lab ID		Initial Sample Volume (ml)	Initial Sample Weight (g)	Initial Sample pH	Final Extract Volume (ml)	Comments	Analyst
1	PBW - 19920		50	—	~7 → 9.5	50		MM
2	QC - 19920		50		~7 → 9.5	50	IWI05D90201 TV=7666µg/L	
3	D0991	01E	50		2< → 9.5	50		
4		02E	50		<2 → 9.5	50		
5		03E	50		<2 → 9.5	50		
6		04E	50		<2 → 9.5	50		
7		04EDUP	50		<2 → 9.5	50		
8		04EMS	50		<2 → 9.5	50	spiked @ 0.8 mg/L w/ EU05D90201	
9		05E	50		<2 → 9.5	50		
10		06E	50		<2 → 9.5	50		
1		07E	50		<2 → 9.5	50		
2	D0991	08E	50		<2 → 9.5	50		
3	D0997	02E	50		<2 → 9.5	50		
4	D0998	01C	50		<2 → 9.5	50		
5	D0998	02C	50		<2 → 9.5	50		
6	D1004	03A	50		<2 → 9.5	50		
7	D1005	01C	50		<2 → 9.5	50		
8		02C	50		<2 → 9.5	50		
9		03C	50		<2 → 9.5	50		
10	D1005	04C	50	—	<2 → 9.5	50		MM

Logbook #: 100.0035-07/05

Reviewed by 9/14/05

Mitkem Corporation

Date: *04-Oct-05*

Client: Ecology and Environment
Client Sample ID: MW12-W-O-0805
Lab ID: D1004-03

Project: Old Troy Landfill
Collection Date: 08/25/05 7:35

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
BIOLOGICAL OXYGEN DEMAND (5 DAY)			**E405.1_5**				
Biochemical Oxygen Demand	4.2		3.0	mg/L	1	08/26/2005 0:00	SUBBED

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Mitkem Corporation
Date Received: 8/26/05
Work Order #: 0508-14278

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: D1004-03B
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/25/2005 @ 07:35

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
BOD 5	4.2	2.0	mg/l	EPA 405.1	8/26/05	EE

R. I. Analytical
Specialists in Environmental Services

D.O.C:AM _____
D.O.C:PM _____
Incubator _____

Page 56
Analyst P-E
Date In 8/26/05
Time In
Date Out 8/31/05
Time Out 17:00 EE
Nutrient Pillows Lot # A4212
Nitrification Inhibitor Lot # A4010

Biochemical Oxygen Demand Method (5210B)

Dilution Water Factor 0.0
Seed Correction Factor 0.1
Check for Residual Cl in carboy
Minutes Aerated

Dup Check	Sample ID	Bottle #	Sample Vol (ml)	Initial DO 7.2-9	Final DO	Initial-Final at least 1.0	Seed corr. factor	Calculated BOD	Results mg/l
—	14272-1	ZT	0.5	8.0	1.0	7.0	0.1	6.9/4140	4100
	PH 6.5	282	1	8.0	<1				
	1645	270	5	8.0	<1				
		279	10	8.1	<1				
		11X	25	81	<1				
		206	50	8.2	<1				
—	[redacted]	284	25	8.1	6.9				
	PH 6.9	2731G	50	8.2	6.8				
	1646	268	100	8.3	6.8	1.5	0.1	1.4/4.2	4.2
—	14280-1	285J	0.5	8.7	7.8				
	PH 6.5	2763	1	8.7	7.8				
	1725	275	5	8.6	5.4	3.2	0.1	3.1/186	190
		277	10	8.5	<1				
—	14280-2	285	25	8.4	5.0				
	PH 7.0	12	75	8.5	4.9	3.6	0.1	3.5/14	9.9
	1727	281	200	9.0	2.4	6.6	0.0	6.6/9.9	12

Previously 6.0

Lot 9/1/05

Calculation : Bod5 day mg/l = ((Initial DO-Final DO) - Seed Corrector Factor) * *300 / Sample Vol

D.O.C=Dissolve Oxygen Calibration.
Std and Spk = 6 mls of Glucose/ Glutamic acid should =200 mg/l BOD5

Std =(Difference-Factors) *50 Spk = Difference-Factors-(Sample Difference)*50
for quelist add sample to spike recovery

Reviewed By: [signature]
Date Reviewed: 9/1/05

00550

RI Analytical Laboratories, Inc.
QA/QC Report

Client: Mitkem Corporation
WO #: 0508-14278
Date: 09/21/05

-Method Blank Results-

Parameter	Units	Results	Date Analyzed
BOD 5 Day	mg/l	<3.0	08/26/2005

-LCS Results-

Parameter	Units	Spike Conc.	Detected Conc.	% Rec.	Date Analyzed
BOD 5 Day	mg/l	200	200	100	08/26/2005

-Replicate Sample Results-

Parameter	Units	Sample #	Rep 1 Conc.	Rep 2 Conc.	Mean Conc.	Reported Value	RPD	Date Analyzed
BOD 5 Day	mg/l	14308-1	140	150	145	140	7	08/26/2005

Mitkem Corporation
175 Metro Center Blvd
Warwick, RI 02886-1755
(401) 732-3400

D1004

CHAIN-OF-CUSTODY RECORD

Subcontractor:
RI Analytical Laboratory
41 Illinois Ave
Warwick, RI 02886

(401) 737-8500

26-Aug-05

Sample ID	Matrix	Collection Date	Requested Tests						
			E405.1						
D1004-03B	Aqueous	08/25/2005 07:35:00	1						

1) E405.1 or equivalent method for the analysis of BIOLOGICAL OXYGEN DEMAND (5 DAY)

Comments:

0508- 14278

		Date/Time			Date/Time
Relinquished by:	[signature]	5-20-05	**Received by:**	[signature]	8/26/05 1415
Relinquished by:			**Received by:**		

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

Mitkem Corporation
Attn: Data Reporting
175 Metro Center Blvd.
Warwick, RI 02886-1755

Date Received: 8/26/05
Date Reported: 9/1/05
P.O. #:
Work Order #: 0508-14278

DESCRIPTION: PROJECT# D1004 (ONE AQUEOUS SAMPLE)

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by U.S. EPA approved methodologies and all NELAC requirements were met. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

00553

41 Illinois Avenue, Warwick, RI 02888
Tel: (401) 737-8500 Fax: (401) 738-1970

ACCREDITED IN ACCORDANCE WITH

131 Coolidge Street, Bldg 2, Hudson, MA 01749
Tel: (978) 568-0041 Fax: (978) 568-0078

Last Page of Data Report

ANALYTICAL REPORT

JOB NUMBER: 210663

Prepared For:

MITKEM
175 Metro Center Boulevard
Warwick, RI 02886-1755

Project: D1004

Attention: Ben Dodge

Date: 09/16/2005

Signature

9/16/-5
Date

Name: Paul T. Hobart

Title: Project Manager

E-Mail: phobart@stl-inc.com

STL Connecticut
128 Long Hill Cross Road
Shelton, CT 06484

This Report Contains (12) Pages

SEVERN TRENT STL

STL Report : 210663
MITKEM CORPORATION

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.

Classical Chemistry - Listed below are the wet chemistry analyte methods and references for the samples analyzed in this SDG. No analytical problems were encountered.

Analyte	Method	Reference
Phenols	420.2	1

References:

1. Methods of Chemical Analysis of Water and Wastes, EPA 600, 1983.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

SAMPLE INFORMATION
Date: 09/16/2005

Job Number.: 210663
Customer...: MITKEM
Attn.....: Ben Dodge

Project Number.....: 20000832
Customer Project ID....: D1004
Project Description....: Phenols Analysis

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
210663-1	D1004-03C	Water	08/25/2005	07:35	09/02/2005	09:20

LABORATORY TEST RESULTS

Job Number: 210663

Date:09/12/2005

CUSTOMER: MITKEM PROJECT: PHENOLS ANALYSIS ATTN: Ben Dodge

Customer Sample ID: D1004-03C
Date Sampled.....: 08/25/2005
Time Sampled.....: 07:35
Sample Matrix.....: Water

Laboratory Sample ID: 210663-1
Date Received.....: 09/02/2005
Time Received.....: 09:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
420.2	Phenolics, Total Recoverable Phenolics, Total Recoverable	0.005	B		0.003	0.005	1.0	mg/L	54465		09/09/05 1219	dtn

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 210663 Date: 09/16/2005

CUSTOMER: MITKEM PROJECT: D1004 ATTN: Ben Dodge

Lab ID: 210663-1 Client ID: D1004-03C Date Recvd: 09/02/2005 Sample Date: 08/25/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Prep Method	Phenol Distillation Method	1	54404		09/07/2005	1453	
420.2	Phenolics, Total Recoverable	1	54465	54404	09/09/2005	1219	1.0

QUALITY CONTROL RESULTS

Job Number.: 210663 Report Date.: 09/12/2005

CUSTOMER: MITKEM PROJECT: PHENOLS ANALYSIS ATTN: Ben Dodge

Test Method.....: 420.2 Batch.....: 54465 Analyst...: dtn
Method Description.: Phenolics, Total Recoverable Equipment Code....: LACHET 3 Test Code.: PHENTR
Parameter.....: Phenolics, Total Recoverable

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	54465-005		mg/L	0.00300 U								09/09/2005	1214
LCS	54404 -002	W05ELCS003	mg/L	0.33029		0.32600		101		%	85-115	09/09/2005	1214
MD	210579-17		mg/L	0.00397 B			0.00337 B	0.0006			0.0050	09/09/2005	1216
MS	210579-17	W05ASTK004	mg/L	0.39885		0.40000	0.00337 B	99			75-125	09/09/2005	1216

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.

3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 10604
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviation

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the reporting limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.

Inorganic Flags (Flag Column)

'	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed th upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	PS: Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the reporting limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.

Organic Flags (Flags Column)

'	MB,EB, MLE: Batch QC is greater than reporting limit.
*	LCS, LCD, CCV, MS, MSD, Surrogate, RS:Batch QC exceeds the upper or lower control limits.
A	Concentration exceeds the instrument calibration range or below the reporting limit.
B	Compound was found in the blank.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation Analysis
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
Dil Fac	Dilution Factor
DL	Secondary dilution and analysis
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB	Extraction Blank
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A
ISB	Interference Check Sample B
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
Lab ID	An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PACK	Packed Column
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PS	Post Spike
PSD	Post Spike Duplicate
RA	Re-analysis
RE	Re-extraction and analysis
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RS	Reference Standard
RT	Retention Time
RTW	Retention Time Window
SampleID	A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution
UCB	Unseeded Control Blank

One or a combination of these data qualifiers and abbreviations may appear in the analytical report.

STL-Connecticut
Certification Summary (as of September 2005)

The laboratory identification numbers for the STL-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

State	Responsible Agency	Certification	Expiration Date	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	12/31/06	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	04/18/06	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	06/30/06	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	08/29/06	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	06/30/06	CT410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste **NELAC**	04/01/06	10602
Rhode Island	Department of Health	Chemistry...Non- Potable Water and Wastewater	12/30/06	A43
Utah	Department of Health	RCRA	05/31/06	2032614458

Mitkem Corporation
175 Metro Center Blvd
Warwick, RI 02886-1755
(401) 732-3400

D1004

CHAIN-OF-CUSTODY RECORD

PASSED RAD SCREEN
4.5°C

Subcontractor:
STL Connecticut
128 Long Hill Cross Road
Shelton, CT 06484

(203) 929-8140

01-Sep-05

Sample ID	Matrix	Collection Date	Requested Tests: A5530						
01 D1004-03C	Aqueous	08/25/2005 07:35:00	1						

210663
09/14/2005
MITKEM
BEN DODGE
PHENOLS ANALYSIS

1) A5530 or equivalent method for the analysis of PHENOLS BY 4-AMINOANTIPYRINE METHOD

Comments: Ecology & Environment: Old Troy

		Date/Time			Date/Time
Relinquished by:	James Healy	9/1/05 17:00	**Received by:**	K Blackman	9/02/05 0920
Relinquished by:			**Received by:**		

rpjsckl	Job Sample Receipt Checklist Report	V2

Job Number.: 210663 Location.: 57207 Check List Number.: 1 Description.:
Customer Job ID.....: Job Check List Date.: Date of the Report..: 09/02/2005
Project Number.: 20000832 Project Description.: Phenols Analysis Project Manager.....: pth
Customer.....: MITKEM Contact.: Ben Dodge

Questions ?	(Y/N)	Comments
Chain-of-Custody Present?	Y	
...If "yes", completed properly?	Y	
Custody seal on shipping container?	Y	
...If "yes", custody seal intact?	Y	
Custody seals on sample containers?	N	
...If "yes", custody seal intact?		
Samples iced?	Y	
Temperature of cooler acceptable? (4 deg C +/- 2).	Y	4.5C
Samples received intact (good condition)?	Y	
Volatile samples acceptable? (no headspace)		
Correct containers used?	Y	
Adequate sample volume provided?	Y	
Samples preserved correctly?	Y	
Samples received within holding-time?	Y	
Agreement between COC and sample labels?	Y	
Radioactivity at or below background levels?	Y	
A Sample Discrepancy Report (SDR) was needed?	N	
Comments		
If samples were shipped was there an air bill #?	Y	FE 8333 7762 8057
Sample Custodian Signature/Date		K Blockin 09/02/05

STL/CT PRESERVATIVE RECORD

210663

09/14/2005

MITKEM
BEN DODGE
PHENOLS ANALYSIS

Lab Number	Preservative	pH	Adjustment	PH after Adjustment	Chlorine Residual	Initials	Date
210663-01	H2SO4	<2	N/A	N/A	N/A	KB	9/2/05

09/12/05

STL Form# SMF00203.CT

STL - Connecticut
Internal Chain-of-Custody

210663

09/14/2005

MITKEM
BEN DODGE
PHENOLS ANALYSIS

Trip Blank: —

QC: — Air: —

FB: —

Soil: — Water: #01

Date Received: 09/02/05

Sample #s: 01

Locations: MISC D

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1	LB	JM	9/7	11:50	PHENOLICS	JM	LB	9/7	15:15

STL Form# SMF00507.CT